DRAFT

Initial Study and Mitigated Negative Declaration for the Corporate Yard Park Project

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Table of Contents

SECTION **PAGE NO.**

ACRONYMS AND ABBREVIATIONS IV

1 INTRODUCTION 1
- 1.1 Project Overview 1
- 1.2 California Environmental Quality Act Compliance 1
- 1.3 Scope of Environmental Review 1
- 1.4 Public Review Process 2

2 PROJECT DESCRIPTION 3
- 2.1 Location and Setting 3
- 2.2 Project Components 4
- 2.3 Construction Schedule 5
- 2.4 Future Maintenance 5
- 2.4 Required Permits and Approvals 6

3 INITIAL STUDY CHECKLIST 7
- 3.1 Aesthetics 9
- 3.2 Agriculture and Forestry Resources 12
- 3.3 Air Quality 14
- 3.4 Biological Resources 24
- 3.5 Cultural Resources 31
- 3.6 Energy 41
- 3.7 Geology and Soils 47
- 3.8 Greenhouse Gas Emissions 51
- 3.9 Hazards and Hazardous Materials 61
- 3.10 Hydrology and Water Quality 67
- 3.11 Land Use and Planning 72
- 3.12 Mineral Resources 74
- 3.13 Noise 75
- 3.14 Population and Housing 87
- 3.15 Public Services 88
- 3.16 Recreation 90
- 3.17 Transportation 92
- 3.18 Tribal Cultural Resources 101
- 3.19 Utilities and Service Systems 105
- 3.20 Wildfire 109
- 3.21 Mandatory Findings of Significance 111

4 REFERENCES AND PREPARERS 113

PAGE NO.

4.1 References Cited 113
4.2 List of Preparers 117

APPENDICES

A Photometric Study
B Air Quality Modeling Output
C Biological Records and Literature Search
D Cultural Resources Records Search
E Phase I ESA
F Noise Modeling Output
G Traffic Modeling Output

FIGURES

Figure 1 Project Location and Vicinity 119
Figure 2 Project Rendering 121
Figure 3 Soil Map 123
Figure 4 Land Use Designations 125
Figure 5 Noise Measurement Locations 127
Figure 6 Study Area Intersections 129

TABLES

Table 1. SSAB Criteria Pollutant Attainment Status 15
Table 2. Estimated Maximum Daily Construction Criteria Air Pollutant Emissions 18
Table 3. Estimated Maximum Daily Operation Criteria Air Pollutant Emissions 19
Table 4. Localized Significance Thresholds Analysis for Project Construction 19
Table 5. Previous Cultural Resources Studies within the Current Study Area 34
Table 6. Previous Cultural Resources within the Study Area 36
Table 7. Project Operations – Electricity Demand 43
Table 8. Project Operations – Natural Gas Demand 43
Table 9. Construction Equipment Diesel Demand 44
Table 10. Construction Worker, Vendor, and Haul Truck Petroleum Demand 44
Table 11. Project Operations – Petroleum Consumption 45
Table 12. Estimated Annual Construction Greenhouse Gas Emissions 52
Table 13. Estimated Annual Operation Greenhouse Gas Emissions 54
Table 14. Project Consistency with the Climate Action Plan GHG Emission Reduction Strategies 55

PAGE NO.

Table 15. Proposed Project Consistency with Scoping Plan GHG Emission Reduction Strategies 56
Table 16. Regulatory Database Search 65
Table 17. Measured Noise Levels 76
Table 18. Land Use Compatibility for Community Noise Environments (State of California) 77
Table 19. City of Desert Hot Springs Land Use Compatibility Noise Guidelines 79
Table 20. Construction Equipment Noise Levels 82
Table 21. Construction Noise Model Results Summary 83
Table 22. Change in Noise Levels as a Result of Project (dBA CNEL) 85
Table 23. Level of Service for Intersections Using HCM Methodology 93
Table 24. Existing Weekday Peak Hour Intersection LOS 96
Table 25. Project Trip Generation 97
Table 26. Existing Plus Project Peak Hour Intersection LOS 97
Table 27. Existing Plus Ambient Growth Plus Project Peak Hour Intersection LOS 98
Table 28. Cumulative Projects Trip Generation Summary 99
Table 29. Cumulative Conditions Weekday Peak Hour Intersection LOS 100

Acronyms and Abbreviations

Acronym/Abbreviation	Definition
AB	Assembly Bill
ACBCI	Agua Caliente Band of Mission Indians
ACM	asbestos-containing materials
ACOE	U.S. Army Corps of Engineers
ACP	asbestos cement pipe
ADA	Americans with Disabilities Act
ADT	average daily trips
AFY	acre-feet per year
AMSL	above mean sea level
APN	Assessor's Parcel Number
AQMP	Air Quality Management Plan
AST	above-ground storage tank
BMP	best management practice
CAAQS	California Ambient Air Quality Standards
CalEEMod	California Emissions Estimator Model
CalEPA	California Environmental Protection Agency
CAL FIRE	California Department of Forestry and Fire Protection
CALGreen	California Green Building Standards
Caltrans	California Department of Transportation
CAP	Climate Action Plan
CARB	California Air Resources Board
CBC	California Building Code
CDBG	Community Development Block Grant
CDFW	California Department of Fish and Wildlife
CEQA	California Environmental Quality Act
CH_4	methane
CNDDB	California Natural Diversity Database
CNEL	Community Noise Equivalent Level
CNPS	California Native Plant Society
CO	carbon monoxide
CO_2	carbon dioxide
CO_2e	carbon dioxide equivalent
CRHR	California Register of Historical Resources
CVMSHCP	Coachella Valley Multiple Species Habitat Conservation Plan
CVWD	Coachella Valley Water District
dB	decibels
dBA	A-weighted sound pressure level
DTSC	Department of Toxic Substances Control
DWA	Desert Water Agency
EIC	Eastern Information Center
EIR	Environmental Impact Report
EO	Executive Order
EPA	Environmental Protection Agency
ESA	Endangered Species Act
EV	electric vehicle
FEMA	Federal Emergency Management Administration
FIRM	Flood Insurance Rate Map
FMMP	Farmland Mapping and Monitoring Program

Acronym/Abbreviation	Definition
FRA	federal responsibility area
GHG	greenhouse gas
GIS	geographic information system
GWP	global warming potential
HCM	Guide for Multimodal Mobility Analysis
I-	Interstate
ips	inches per second
IS	Initial Study
JPA	Joint Powers Authority
kWh	kilowatt hours
L_{dn}	day-night average noise level
L_{eq}	equivalent continuous sound level
L_{max}	maximum sound level recorded during measurement interval
LRA	local responsibility area
LOS	level of service
LST	localized significance threshold
mgd	million gallons per day
MLD	most likely descendant
MM	Mitigation Measure
MRZ	Mineral Resource Zone
MSWD	Municipal Springs Water District
MT	metric ton
N_2O	nitrous oxide
NAAQS	National Ambient Air Quality Standards
NAHC	Native American Heritage Commission
NO_2	nitrogen dioxide
NO_x	oxides of nitrogen
NPDES	National Pollutant Discharge Elimination System
NRHP	National Register of Historic Places
O_3	ozone
OSHA	Occupational Safety and Health Administration
PM_{10}	particulate matter with an aerodynamic diameter less than or equal to 10 microns
$PM_{2.5}$	particulate matter with an aerodynamic diameter less than or equal to 2.5 microns
PPV	peak particle velocity
PRC	Public Resources Code
PSUSD	Palm Springs Unified School District
RCALUC	Riverside County Airport Land Use Commission
RCFD	Riverside County Fire Department
RCNM	Federal Highway Administration Roadway Construction Noise Model
RTP	Regional Transportation Plan
RWQCB	Regional Water Quality Control Board
SB	Senate Bill
SCAG	Southern California Association of Governments
SCAQMD	South Coast Air Quality Management District
SCE	Southern California Edison
SCS	Sustainable Communities Strategy
SFL	Sacred Lands File
SoCalGas	Southern California Gas
SO_x	sulfur oxides
SR-	State Route
SRA	state responsibility area

Acronym/Abbreviation	Definition
SSAB	Salton Sea Air Basin
STA	Sunline Transit Agency
SWPPP	Stormwater Pollution Prevention Plan
SWRCB	State Water Resources Control Board
TAC	toxic air contaminant
TCR	tribal cultural resource
USFWS	U.S. Fish and Wildlife Service
UST	underground storage tank
VHFHSZ	Very High Fire Hazard Severity Zone
VOC	volatile organic compound
VMT	vehicle miles traveled
WWTP	Wastewater Treatment Plant

1 Introduction

1.1 Project Overview

The City of Desert Hot Springs (City) proposes development of the Corporate Yard Park, located adjacent to the City's Corporate Yard (proposed project or project). The proposed project would be developed consistent with the policies and goals established in the City's Parks and Recreation Plan, approved in 2013. The City has allocated Community Design Block Grant (CDBG) funding for Federal Fiscal Years 2018/2019 to supplement design and construction costs associated with development of the proposed project.

1.2 California Environmental Quality Act Compliance

The City of Desert Hot Springs is the lead agency for the proposed project (California Environmental Quality Act (CEQA) Statute §21067 and CEQA Guidelines Article 4 and §15367]. The City Council is the governing body for the approval of the proposed project and adoption of the Mitigated Negative Declaration (MND). Because the proposed project involves a change to the existing site, the City Council's consideration of the project and its potential environmental effects is a discretionary action that is subject to CEQA. This Initial Study (IS) and its appendices have been prepared in accordance with the CEQA statute and the State's Guidelines for Implementation of CEQA. This MND, when combined with the Notice of Intent (NOI) to Adopt a MND, serves as the environmental document for the proposed project pursuant to the provisions of CEQA.

The overarching goal of CEQA is to protect the physical environment. To achieve that goal, CEQA requires that public agencies identify the environmental consequences of their discretionary actions and consider alternatives and mitigation measures that could avoid or reduce significant adverse impacts when avoidance or reduction is not feasible. It also gives other public agencies and the public an opportunity to comment on the proposed project.

1.3 Scope of Environmental Review

This environmental impact analysis included in this MND is consistent with the Environmental Checklist (i.e., Initial Study or IS) per CEQA Guidelines Sections 15063–15065. An explanation and discussion of each significance determination is included following the checklist in Sections 3.1 through 3.21.

For this IS that supports the MND, one of the following four responses is possible for each environmental issue area:

- Potentially Significant Impact
- Less-Than-Significant Impact with Mitigation Incorporated
- Less-Than-Significant Impact
- No Impact

The IS checklist and accompanying explanation of checklist responses provide the information and analysis necessary to assess relative environmental impacts of the proposed project. In doing so, the City will determine the extent of additional environmental review, if any, for the proposed project.

1.4 Public Review Process

Public participation is an essential part of the CEQA process. As required by CEQA, the City shall provide adequate time for other public agencies and members of the public to review and comment on a CEQA document that has been prepared. This MND has been made available to members of the public, agencies, and interested parties for a 30-day public review period in accordance with CEQA Guidelines Section 15105. Public review of the MND is intended to focus "on the proposed finding that the project will not have a significant effect on the environment. If persons and public agencies believe that the project may have a significant effect, they should: (1) identify the specific effect, (2) explain why they believe the effect would occur, and (3) explain why they believe the effect would be significant" (14 CCR 15204).

This IS/MND is available for review during the 30-day public review period at the following locations:

In Person – By Appointment Only

City of Desert Hot Springs
Planning Department
65950 Pierson Boulevard
Desert Hot Springs, CA 92240

To request an appointment, please contact the City's Public Works Department via email at dporras@cityofdhs.org or by phone at (760) 329-6411.

Online

https://www.cityofdhs.org/planning-documents

Once the 30-day public review period has concluded, any advisory body of a public agency shall consider the MND together with any comments received during the public review process. The decision-making body shall adopt the proposed MND if it finds there is no substantial evidence that the proposed project will have a significant effect on the environment and that the MND reflects the lead agency's independent judgment and analysis. After approval of the project, the City shall file a Notice of Determination at the Riverside County Clerk's office within five working days after deciding to carry out or approve the proposed project.

2 Project Description

Under the proposed project, the Desert Hot Springs Public Works Department would develop a park adjacent to the City's Corporate Yard, within five City-owned parcels. This section describes the local setting, proposed project components, and permits and approvals required for development of the proposed project.

2.1 Location and Setting

2.1.1 Regional Location

The project site is located in the City of Desert Hot Springs (City) in Riverside County. The City of Desert Hot Springs is located within the Coachella Valley, separated from western Riverside County by the San Jacinto and San Bernardino Mountain ranges. Figure 1 shows a regional and local depiction of the project site. Primary local access to the project site is provided via Palm Drive.

The project site would be constructed within Section 36, Township 2 South, Range 4 East of the U.S Geologic Survey 7.5-minute quadrangle maps. Regional Access to the City is provided via Interstate (I-) 10. The center point of the site is located at 33.95 degrees north (latitude) and -116.51 degrees west (longitude).

2.1.2 Local Setting

The 10-acre project site is assigned Assessor's Parcel Numbers (APNs) 663-320-008, -09, -011, -014, and -020. Approximately three acres of the project site is currently developed and utilized for the Desert Hot Springs Corporate Yard. The City's Corporate Yard has been in operation since at least 1984, and has remained largely unchanged. The remainder of the site is generally flat, undeveloped land with sparse vegetation. The majority of the project site has been previously graded, including a paved access road from Hacienda Avenue to the Corporate Yard and a dirt road in the southern portion of the site.

The project site is bounded by Flora Avenue to the north, Cholla Drive to the west, Hacienda Avenue to the south, and existing multi-family residential development, a church, and vacant land to the east. As shown on Figure 1, the project site is located in an area largely developed with residential land uses. Vacant land southwest of the project site is designated as Conservation Land under the Coachella Valley Multiple Species Habitat Conservation Plan (CVMSHCP).

2.1.3 General Plan and Zoning Designations

Desert Hot Springs employs a "single map" system of land uses where General Plan land use designations are the same as zoning districts. The project site is designated as Residential Low Density (0-5 du/acre) (R-L) on the City's General Plan Land Use Designations map (Desert Hot Springs 2000). This designation typically provides for moderately low-density single-family subdivisions and Planned Residential Developments. It serves to transition between lower and more moderate (medium) residential densities (Desert Hot Springs 2000). Based on the City's Parks and Recreation Master Plan, the current parkland ratio in the City is 1.0 acres per 1,000 residents, which is considerably lower than the Quimby Act recommended ratio of 3.0 acres per 1,000 residents. Although parks are not expressly permitted in the Residential Low Density designation, per the City's Municipal Code, substantial

parkland is needed to support existing and future residents within the City. As such, the proposed park is permitted under the existing land use designation to support existing nearby residential development, and reduce the parkland deficit in the City.

Properties to the north, west of south of the project site are designated R-L, and developed with single-family residences. The property directly east of the northern portion of the project site is designated Residential Medium Density (0-8 du/acre) (R-M), and developed with multi-family residences. The property directly east of the southern portion of the project site is designated R-L, and is largely undeveloped except for a church on approximately one acre adjacent to West Drive. The vacant property southwest of the site is designated R-L, but it is within the Upper Mission Creek/Big Morongo Canyon Conservation Area within the MSHCP boundary, and remains undeveloped.

2.2 Project Components

The proposed project, known as Corporate Yard Park, includes development of approximately 7.6 acres of a 10-acre site as a community park. The remainder of the site would operate as the City's Corporate Yard. The proposed project would provide parks amenities for City residents identified in the Parks and Recreation Master Plan, reducing deficits for sports fields and parkland. The proposed park would be open to the public from 7 am to 10 pm daily. Figure 2 depicts a rendering of the proposed project. The proposed project would be open for public use. The proposed project would include the following improvements:

Football Field

A turf football field would be installed on approximately 2.0 acres in the southeast portion of the project site. Bleacher seating would be installed on the north and south side of the field. Seating on the north side of the field would be partially shaded by two shade structures. A scoreboard would be installed at the west end of the football field. LED fixtures would be installed atop four light poles (approximately 60 to 80 feet high), erected on the north and south side of the field, toward the end zones. The light poles on the east end of the football field would be angled toward the west to avoid light overflow at the adjacent multi-family residential development to the east.

Baseball Field

A turf baseball field would be installed on approximately 2.4 acres in the northeastern portion of the park. The field could accommodate existing programs such as little league baseball and softball. The field would include two dugouts, two bullpens and two sets of bleachers for spectators. A fence would be installed around the field, and a 50-foot-tall net would be installed along the east side of the field to block fly balls from the adjacent development to the east. The net would extend approximately 150 feet north from the south end of the field. A scoreboard would be installed at the north end of the baseball field. LED fixtures would be installed atop six light poles (approximately 60-80 feet high). Two light poles would be erected on the west side of the field, two on the south side of the field and two beyond the outfield fence.

Common Area

Approximately 0.9 acres between the sports fields would be developed as a paved common area. A 560-sf concession area would be constructed center of the park. Two restroom stalls would be installed within the structure. Nine light fixtures are proposed within the common area, with a shade on top to direct light downward. A 900-sf storage shed would be constructed near the eastern site boundary

On-site Circulation and Parking

Approximately 2.3 acres of the site would be developed with on-site circulation and parking. The main access to the project site would be provided via a driveway on Cholla Drive. The main access would provide access to the City's corporate yard to the north, a drop-off area near the center of the site, and the parking lot within the southwest portion of the site. Secondary access is available on from Hacienda Avenue, directly into the main parking lot. The main parking lot would be developed with 99 parking stalls, including four stalls compliant with Americans with Disabilities Act (ADA) standards. An additional 11 parking stalls would be included adjacent to the corporate yard. All access roads and parking areas would be paved. LED fixtures would be installed atop 19 light poles (12- to 24-foot height) erected within the parking lot areas and access points to provide adequate lighting for safety. Light fixtures would be downward facing to focus lighting on within the circulation areas and avoid light pollution to nearby residential developments.

Sidewalks would be installed at the southern end of the site along Hacienda Avenue to provide pedestrian access to the park. The central portion of the park, east of the drop-off area, would be paved for pedestrian access to the sports fields, common concession area and restrooms.

Corporate Yard

The existing Corporate Yard would be relocated slightly to the west to accommodate the proposed park. The Corporate Yard will be approximately 2.4 acres in size once the park is developed, located in the northwest portion of the project site. The Corporate Yard would be surrounded by a fence, and a sliding gate would be installed near the park entry from Cholla Drive to provide controlled access to the Corporate Yard. The existing animal shelter at the south end of the Corporate Yard would remain in the same location.

On-site Drainage Improvements

Existing on-site drainage generally flows from north to south via sheet flow. On-site drainage would be conveyed towards a retention basin proposed near the southern boundary of the project site adjacent to the parking lot.

Utilities

The project site would be served by domestic water and sewer services from MSWD. The proposed project would establish water and sewer connections from existing infrastructure on Cholla Drive. No off-site improvements would be required.

2.3 Construction Schedule

The Corporate Yard Park would be developed in a single phase. Duration of grading and construction is anticipated to take approximately 12 months.

2.4 Future Maintenance

The City of Desert Hot Springs will be responsible for future maintenance of the public grounds and facilities. Maintenance is anticipated to occur on a weekly basis for landscape maintenance. Additional maintenance activities would be periodic, on an as-needed basis.

2.4 Required Permits and Approvals

The City of Desert Hot Springs is the lead agency under CEQA and has principal approval authority over the proposed project. Implementation of the proposed project would require the following discretionary actions and approvals by the City:

- CEQA and Project Approval: Adoption of the MND and approval of the proposed project
- Development Review

In addition, ministerial permits, including grading permits, building permits, and public works permits, would be issued by the applicable City department to allow site preparation and construction of the proposed project.

The proposed project would also require approval from the following agencies:

- South Coast Air Quality Management District o PM-10 Plan for compliance with Rule 403.1; Dust Control in the Coachella Valley
- Regional Water Quality Control Board (RWQCB) National Pollution Discharge Elimination System (NPDES) Permit
- State Water Resources Control Board: Notice of Intent to comply with the NPDES General Permit/Storm Water Pollution Prevention Program (SWPPP)

3 Initial Study Checklist

Environmental Factors Potentially Affected

The environmental factors checked below would be potentially affected by this project, involving at least one impact that would remain "Potentially Significant Impact" even with the implementation of mitigation, as indicated by the checklist on the following pages.

☐ Aesthetics	☐ Agriculture and Forestry Resources	☐ Air Quality
☐ Biological Resources	☐ Cultural Resources	☐ Energy
☐ Geology and Soils	☐ Greenhouse Gas Emissions	☐ Hazards and Hazardous Materials
☐ Hydrology and Water Quality	☐ Land Use and Planning	☐ Mineral Resources
☐ Noise	☐ Population and Housing	☐ Public Services
☐ Recreation	☐ Transportation	☐ Tribal Cultural Resources
☐ Utilities and Service Systems	☐ Wildfire	☐ Mandatory Findings of Significance

DETERMINATION: (To be completed by the Lead Agency)

On the basis of this initial evaluation:

☐ I find that the proposed project COULD NOT have a significant effect on the environment, and a NEGATIVE DECLARATION will be prepared.

☒ I find that although the proposed project could have a significant effect on the environment, there will not be a significant effect in this case because revisions in the project have been made by or agreed to by the project proponent. A MITIGATED NEGATIVE DECLARATION will be prepared.

☐ I find that the proposed project MAY have a significant effect on the environment, and an ENVIRONMENTAL IMPACT REPORT is required.

☐ I find that the proposed project MAY have a "potentially significant impact" or "potentially significant unless mitigated" impact on the environment, but at least one effect (1) has been adequately analyzed in an earlier document pursuant to applicable legal standards, and (2) has been addressed by mitigation measures based on the earlier analysis as described on attached sheets. An ENVIRONMENTAL IMPACT REPORT is required, but it must analyze only the effects that remain to be addressed.

☐ I find that although the proposed project could have a significant effect on the environment, because all potentially significant effects (a) have been analyzed adequately in an earlier ENVIRONMENTAL IMPACT REPORT or NEGATIVE DECLARATION pursuant to applicable standards, and (b) have been avoided or mitigated pursuant to that earlier ENVIRONMENTAL IMPACT REPORT or NEGATIVE DECLARATION, including revisions or mitigation measures that are imposed upon the proposed project, nothing further is required.

Signature

9/16/2020
Date

Evaluation of Environmental Impacts

1. A brief explanation is required for all answers except "No Impact" answers that are adequately supported by the information sources a lead agency cites in the parentheses following each question. A "No Impact" answer is adequately supported if the referenced information sources show that the impact simply does not apply to projects like the one involved (e.g., the project falls outside a fault rupture zone). A "No Impact" answer should be explained where it is based on project-specific factors as well as general standards (e.g., the project will not expose sensitive receptors to pollutants, based on a project-specific screening analysis).
2. All answers must take account of the whole action involved, including off-site as well as on-site, cumulative as well as project-level, indirect as well as direct, and construction as well as operational impacts.
3. Once the lead agency has determined that a particular physical impact may occur, then the checklist answers must indicate whether the impact is potentially significant, less than significant with mitigation, or less than significant. "Potentially Significant Impact" is appropriate if there is substantial evidence that an effect may be significant. If there are one or more "Potentially Significant Impact" entries when the determination is made, an Environmental Impact Report (EIR) is required.
4. "Negative Declaration: Less Than Significant With Mitigation Incorporated" applies where the incorporation of mitigation measures has reduced an effect from "Potentially Significant Impact" to a "Less Than Significant Impact." The lead agency must describe the mitigation measures, and briefly explain how they reduce the effect to a less than significant level (mitigation measures from "Earlier Analyses," as described in (5) below, may be cross-referenced).
5. Earlier analyses may be used where, pursuant to the tiering, program EIR, or other CEQA process, an effect has been adequately analyzed in an earlier EIR or negative declaration. Section 15063(c)(3)(D). In this case, a brief discussion should identify the following:
   a. Earlier Analysis Used. Identify and state where they are available for review.
   b. Impacts Adequately Addressed. Identify which effects from the above checklist were within the scope of and adequately analyzed in an earlier document pursuant to applicable legal standards, and state whether such effects were addressed by mitigation measures based on the earlier analysis.
   c. Mitigation Measures. For effects that are "Less Than Significant With Mitigation Measures Incorporated," describe the mitigation measures which were incorporated or refined from the earlier document and the extent to which they address site-specific conditions for the project.
6. Lead agencies are encouraged to incorporate into the checklist references to information sources for potential impacts (e.g., general plans, zoning ordinances). Reference to a previously prepared or outside document should, where appropriate, include a reference to the page or pages where the statement is substantiated.
7. Supporting Information Sources: A source list should be attached, and other sources used or individuals contacted should be cited in the discussion.
8. This is only a suggested form, and lead agencies are free to use different formats; however, lead agencies should normally address the questions from this checklist that are relevant to a project's environmental effects in whatever format is selected.
9. The explanation of each issue should identify:
   a. The significance criteria or threshold, if any, used to evaluate each question; and
   b. The mitigation measure identified, if any, to reduce the impact to less than significance

3.1 Aesthetics

3.1.1 Environmental Setting

The project site is located in the northwestern portion of the Coachella Valley and offers views of the San Gorgonio Mountains to the west, the Little San Bernardino Mountains to the north and east, the San Jacinto Mountains to the southwest and Santa Rosa Mountains to the south.

The project site is currently undeveloped and consists of desert land with shrubs and scattered boulders throughout the site, remnants of a rock house with only one remaining column standing, and discarded refuse found along Varner Road. On-site vegetation consists mainly of Sonoran creosote brush scrub in areas not disturbed by existing roads that traverse the project site. Topographically, the project site is generally flat with a minor downward trending slope from the northwest to the southeast.

3.1.2 Impact Analysis

	Potentially Significant Impact	Less Than Significant Impact With Mitigation Incorporated	Less Than Significant Impact	No Impact
I. AESTHETICS – Except as provided in Public Resources Code Section 21099, would the project:				
a) Have a substantial adverse effect on a scenic vista?	☐	☐	☒	☐
b) Substantially damage scenic resources including, but not limited to, trees, rock outcroppings, and historic buildings within a state scenic highway?	☐	☐	☐	☒
c) In non-urbanized areas, substantially degrade the existing visual character or quality of public views of the site and its surroundings? (Public views are those that are experienced from publicly accessible vantage point). If the project is in an urbanized area, would the project conflict with applicable zoning and other regulations governing scenic quality?	☐	☐	☒	☐
d) Create a new source of substantial light or glare which would adversely affect day or nighttime views in the area?	☐	☐	☒	☐

a) Would the project have a substantial adverse effect on a scenic vista?

Less Than Significant Impact. A scenic vista is the view of an area that is visually or aesthetically pleasing from a certain vantage point. It is usually viewed from some distance away. Aesthetic components of a scenic vista include (1) scenic quality, (2) sensitivity level, and (3) view access. A scenic vista can be impacted in two ways: a development project can have visual impacts by either directly diminishing the scenic quality of the vista or by blocking the view corridors or "vista" of the scenic resource. Important

factors in determining whether a proposed project would block scenic vistas include the project's proposed height, mass, and location relative to surrounding land uses and travel corridors.

The City of Desert Hot Springs General Plan does not designate specific scenic corridors, but scenic vistas afforded to the City include views of the surrounding mountains, in particular the San Bernardino Mountains to the northwest and the Little San Bernardino Mountains to the north.

Approximately 1/3 of the project site is currently developed as the City's Corporate Yard and animal shelter. The corporate yard will continue operation as part of the proposed project, but some features will be relocated to the northwest portion of the site provide adequate space for the proposed park improvements. In addition, the Corporate Yard area would be reduced from approximately 3.5 acres to 2.3 acres. Ultimately, the visual character of the Corporate Yard and animal shelter will be similar to existing conditions; therefore, the Corporate Yard would not result in new impacts on scenic vistas.

Development of the proposed park would include construction of a baseball field, football field, common area with concessions/restrooms and on-site parking/circulation. Proposed park facilities would not include structures that would block or impede views in the vicinity of the project site. The most dominant features proposed within the project site are the sports field lighting (60 to 80 feet high) and the safety net along the eastern property boundary (50 feet high) adjacent to existing multi-family residential development. The proposed field lighting would generally display a thin, narrow form that would not block surrounding mountain views. The proposed safety net would be visible along the eastern property boundary, but the net would be largely transparent from a distance, and the surrounding mountains would still be visible through the netting.

b) Would the project substantially damage scenic resources including, but not limited to, trees, rock outcroppings, and historic buildings within a state scenic highway?

No Impact. The nearest officially designated State scenic highway is State Highway 62 located approximately 4.5 miles west of the project site. Highway 62 is the main corridor gateway to Joshua Tree National Park and the main arterial roadway for the communities of Yucca Valley, Joshua Tree and Twenty-Nine Palms. The project site would not be visible from Highway 62, so implementation of the proposed project would not affect scenic resources within close proximity of a state scenic highway.

c) In non-urbanized areas, would the project substantially degrade the existing visual character or quality of public views of the site and its surroundings? (Public views are those that are experienced from publicly accessible vantage point). If the project is in an urbanized area, would the project conflict with applicable zoning and other regulations governing scenic quality?

Less Than Significant Impact. The project site is located within an urban area predominantly developed with residential uses. In its existing condition, approximately 1/3 of the project site is developed as the City's Corporate Yard and animal shelter and the remainder of the site is disturbed, undeveloped land. The project site's land use designation is low density residential (L-R), and parks are permitted within all residential land uses in the City.

Proposed alterations to the existing Corporate Yard would not drastically alter the visual character compared to existing conditions, so the visual character of the Corporate Yard is assumed to remain consistent with existing conditions.

Construction and operation of the proposed park would result in development of a 7.7-acre park that would introduce new park facilities and landscaping to the project site. Landscaping to be provided as part of the project would include drought tolerant plant beds and trees located within the proposed on-site retention areas around the parking lots along the eastern and southern site boundary and at access points. Trees would also be installed in the parking lot in the southwest corner of the site, the common area near the drop-off/pick-up round-about, in the flex area north of the baseball field, and on the north, west, and south side of the football field. In addition, the turf would be maintained within the football field and baseball field. The sports fields and on-site landscaping would be the main focal point of the proposed project. Additional facilities, such as concessions and seating, would be designed to maximize functionality and compliment the primary features. As such, the proposed project would not degrade the existing visual character and quality of the site and its surroundings, and would not conflict with applicable zoning and other regulations governing scenic quality.

d) Would the project create a new source of substantial light or glare which would adversely affect day or nighttime views in the area?

Less Than Significant Impact. Existing sources of nighttime lighting near the project site includes lighting surrounding residences. There are no existing street lights along the adjacent roadways or within nearby single-family residential developments. The multi-family residential development directly easy of the project site has light poles to provide safety in the parking areas at night and smaller light poles along the pedestrian paths within the site. Existing sources of glare are relatively limited and generally consist of similar lighting sources as above.

Construction of the project would take approximately one year to complete and would occur within permitted construction times, pursuant to City ordinances. As such, no nighttime construction activities are anticipated.

Once installed, new lighting would facilitate nighttime use of the park. Nighttime use of park would occur 7 days per week, and hours of operation would be until 10 p.m. daily. A photometric study was conducted to determine projected light levels from the proposed project (Appendix A). The purpose of the study was to determine potential nighttime lighting impacts associated with project lighting and spillover to nearby residential properties and public roads. According to the study, proposed light fixtures would generate a maximum of 61 maintained horizontal foot-candles of light near second base at the baseball field and a maximum of 41 maintained horizontal foot-candles of light within the football field (Appendix A). The park entrances at Cholla Drive and Hacienda Avenue would generate a maximum of 1.7 and 2.8 maintained horizontal foot-candles at the property line, respectively. The light levels along the perimeter of the project site, due to light spillover would be very low (0.01-0.02 maintained horizontal foot-candles). No light spillover would be generated at residential development surrounding the project site. In addition, the lights would be fully shielded and downward directed to focus lighting onto fields of play and minimize light spillover onto adjacent properties. Use of shields and downward directing of lighting would also reduce opportunities for sky glow/light pollution, including to the Upper Mission Creek/Big Morongo Canyon Conservation Area, southwest of the intersection of Cholla Drive and Hacienda Avenue.

Regarding glare, the lighting at the sports fields would turn off by 10:00 pm daily when the park closes. Proposed lights would be fully shielded and downward directed to minimize light spillover (and glare) onto adjacent properties. The potential generation of glare during operation of proposed field lights would be limited due to the

installation of hooded and shielded fixtures and control of use hours. For the reasons described above, project lighting and glare impacts would not adversely affect existing nighttime and daytime views in the area.

3.1.3 Mitigation Measures

No mitigation measures are required.

3.2 Agriculture and Forestry Resources

3.2.1 Environmental Setting

Existing Conditions

The project site is surrounded by developed residential land uses, designated as Urban and Built-Up Land and Other Land by the California Department of Conservation Farmland Mapping and Monitoring Program (DOC 2017). No Prime Farmland, Unique Farmland, or Farmland of Statewide Importance exists within the project site and no adjacent properties are zoned for agricultural use. There is no designated forest land or timberland within the proposed project footprint or immediate vicinity.

3.2.2 Impact Analysis

	Potentially Significant Impact	Less Than Significant Impact With Mitigation Incorporated	Less Than Significant Impact	No Impact
II. AGRICULTURE AND FORESTRY RESOURCES – In determining whether impacts to agricultural resources are significant environmental effects, lead agencies may refer to the California Agricultural Land Evaluation and Site Assessment Model (1997) prepared by the California Department of Conservation as an optional model to use in assessing impacts on agriculture and farmland. In determining whether impacts to forest resources, including timberland, are significant environmental effects, lead agencies may refer to information compiled by the California Department of Forestry and Fire Protection regarding the state's inventory of forest land, including the Forest and Range Assessment Project and the Forest Legacy Assessment project; and forest carbon measurement methodology provided in Forest Protocols adopted by the California Air Resources Board. Would the project:				
a) Convert Prime Farmland, Unique Farmland, or Farmland of Statewide Importance (Farmland), as shown on the maps prepared pursuant to the Farmland Mapping and Monitoring Program of the California Resources Agency, to non-agricultural use?	☐	☐	☐	☒
b) Conflict with existing zoning for agricultural use, or a Williamson Act contract?	☐	☐	☐	☒

	Potentially Significant Impact	Less Than Significant Impact With Mitigation Incorporated	Less Than Significant Impact	No Impact
c) Conflict with existing zoning for, or cause rezoning of, forest land (as defined in Public Resources Code section 12220(g)), timberland (as defined by Public Resources Code section 4526), or timberland zoned Timberland Production (as defined by Government Code section 51104(g))?	☐	☐	☐	☒
d) Result in the loss of forest land or conversion of forest land to non-forest use?	☐	☐	☐	☒
e) Involve other changes in the existing environment which, due to their location or nature, could result in conversion of Farmland, to non-agricultural use or conversion of forest land to non-forest use?	☐	☐	☐	☒

a) Would the project convert Prime Farmland, Unique Farmland, or Farmland of Statewide Importance (Farmland), as shown on the maps prepared pursuant to the Farmland Mapping and Monitoring Program of the California Resources Agency, to non-agricultural use?

No Impact. According to the Farmland Mapping and Monitoring Program (FMMP) map, the project site and surrounding properties are designated as Urban and Built Up and Other Land. No Prime Farmland, Unique Farmland, or Farmland of Statewide Importance exists within or near the project site.

b) Would the project conflict with existing zoning for agricultural use, or a Williamson Act contract?

No Impact. No properties within or adjacent to the project site are zoned for agricultural use nor subject to a Williamson Act contract. The City does not have any current zoning ordinances that designate land for agricultural use, nor are there any existing agricultural land use designations within the Desert Hot Springs General Plan.

c) Would the project conflict with existing zoning for, or cause rezoning of, forest land (as defined in Public Resources Code section 12220(g)), timberland (as defined by Public Resources Code section 4526), or timberland zoned Timberland Production (as defined by Government Code section 51104(g))?

No Impact. The project site and adjacent properties are not currently zoned and are not utilized for forest land, timberland, or within a designated Timberland Production area. As such, the proposed project would not conflict with zoning of forest land, timberland, or timberland production.

d) Would the project result in the loss of forest land or conversion of forest land to non-forest use?

No Impact. The project site is disturbed desert landscape with minimal vegetation, and the City's corporate yard is located in the northern portion of the site. The project site and surrounding area does not contain any forest land. Therefore, the proposed project would not result in conversion of forest land to non-forest use.

e) Would the project involve other changes in the existing environment which, due to their location or nature, could result in conversion of Farmland, to non-agricultural use or conversion of forest land to non-forest use?

No Impact. The land surrounding the project site is primarily developed with single- and multi-family residential developments. Vacant land is present within the property directly east of the project site and land further to the west and southwest, but none of the nearby vacant land is used for farmland or timberland. As such, development of the proposed project would not result in conversion of existing farmland or forest land to other uses.

3.2.3 Mitigation Measures

No mitigation measures are required.

3.3 Air Quality

3.3.1 Environmental Setting

Existing Conditions

The project site is located within the Salton Sea Air Basin (SSAB) under the jurisdictional boundaries of South Coast Air Quality Management District (SCAQMD). The SSAB portion of Riverside County is separated from the South Coast Air Basin region by the San Jacinto Mountains and from the Mojave Desert Air Basin to the east by the Little San Bernardino Mountains. During the summer, the SSAB is generally influenced by a Pacific Subtropical High Cell that sits off the coast, inhibiting cloud formation and encouraging daytime solar heating. The SSAB is rarely influenced by cold air masses moving south from Canada and Alaska, as these systems are weak and diffuse by the time they reach the desert. Most desert moisture arrives from infrequent warm, moist and unstable air masses from the south. The region averages between 3 and 7 inches of precipitation per year.

Criteria Pollutants

The United States Environmental Protection Agency (EPA) is responsible for setting and enforcing the National Ambient Air Quality Standards (NAAQS) for atmospheric pollutants. The California Air Resources Board (CARB), which is part of the California Environmental Protection Agency (CalEPA), is responsible for the coordination and administration of both federal and State air pollution control programs within California.

Criteria air pollutants include ozone (O_3), nitrogen dioxide (NO_2), carbon monoxide (CO), sulfur dioxide, particulate matter with an aerodynamic diameter less than or equal to 10 microns (PM_{10}), particulate matter with an aerodynamic diameter less than or equal to 2.5 microns ($PM_{2.5}$), and lead. Pollutants that are evaluated herein include volatile organic compounds (VOCs) and oxides of nitrogen (NO_x), which are important because they are precursors to O_3, as well as CO, sulfur oxides (SOx), PM_{10}, and $PM_{2.5}$.

SCAQMD administers the SSAB's Air Quality Management Plan (AQMP), which is a comprehensive document outlining an air pollution control program for attaining all California Ambient Air Quality Standards (CAAQS) and NAAQS. The most recent adopted AQMP for the SSAB is the 2016 AQMP (SCAQMD 2017), which was adopted by SCAQMD's Governing Board in March 2017. As indicated in Table 1, the Coachella Valley-portion of the SSAB has

been designated by the EPA and CalEPA as a non-attainment area for O_3 and PM_{10}. Currently, the SSAB is in attainment with the remainder of the criteria air pollutants pursuant to NAAQS and CAAQS.

Table 1. SSAB Criteria Pollutant Attainment Status

Pollutant	State Status	National Status
Ozone	Nonattainment	Nonattainment
Carbon Monoxide	Attainment	Attainment
Nitrogen Dioxide	Attainment	Unclassified/Attainment
Sulfur Dioxide	Attainment	Attainment
PM_{10}	Nonattainment	Nonattainment
$PM_{2.5}$	Attainment	Attainment

Source: SCAQMD 2017

Methodology

The impact analysis for this section relies on a quantitative analysis conducted by Dudek to determine whether proposed construction activities would result in emissions of criteria air pollutants that may cause exceedances of the NAAQS or CAAQS, or contribute to existing nonattainment of ambient air quality standards. The California Emissions Estimator Model (CalEEMod) Version 2016.3.2 was used to estimate emissions for construction of the proposed project. CalEEMod is a statewide computer model developed in cooperation with air districts throughout the state to quantify criteria air pollutant emissions associated with construction activities from a variety of land use projects, such as residential, commercial, and industrial facilities. CalEEMod input parameters—including the land use type used to represent the project and size, construction schedule, and anticipated construction equipment utilization—were based on information provided by the City and/or default model assumptions.

Appendix G of the CEQA Guidelines indicates that, where available, the significance criteria established by the applicable air district may be relied upon to determine whether a project would have a significant impact on air quality. The SCAQMD has established Air Quality Significance Thresholds, as revised in March 2015, which set forth quantitative emissions significance thresholds below which a project would not have a significant impact on ambient air quality under project-level and cumulative conditions (SCAQMD 2015). The quantitative air quality analysis provided herein applies the SCAQMD thresholds to determine the potential for the project to result in a significant impact under CEQA. The SCAQMD mass daily construction thresholds are as follows: 75 pounds per day for VOCs, 100 pounds per day for NO_x, 550 pounds per day for CO, 150 pounds per day for SO_x, 150 pounds per day for PM_{10}, and 55 pounds per day for $PM_{2.5}$.

3.3.2 Impact Analysis

	Potentially Significant Impact	Less Than Significant Impact With Mitigation Incorporated	Less Than Significant Impact	No Impact
III. AIR QUALITY – Where available, the significance criteria established by the applicable air quality management district or air pollution control district may be relied upon to make the following determinations. Would the project:				
a) Conflict with or obstruct implementation of the applicable air quality plan?	☐	☐	☒	☐

	Potentially Significant Impact	Less Than Significant Impact With Mitigation Incorporated	Less Than Significant Impact	No Impact
b) Result in a cumulatively considerable net increase of any criteria pollutant for which the project region is non-attainment under an applicable federal or state ambient air quality standard?	☐	☐	☒	☐
c) Expose sensitive receptors to substantial pollutant concentrations?	☐	☐	☒	☐
d) Result in other emissions (such as those leading to odors) adversely affecting a substantial number of people?	☐	☐	☒	☐

a) Would the project conflict with or obstruct implementation of the applicable air quality plan?

Less Than Significant Impact. The purpose of a consistency finding with regard to the AQMP is to determine if a project is consistent with the assumptions and objectives of the regional air quality plans and if it would interfere with the region's ability to comply with federal and state air quality standards. SCAQMD has established criteria for determining consistency with the currently applicable AQMP in Chapter 12, Sections 12.2 and 12.3 of the SCAQMD CEQA Air Quality Handbook (SCAQMD 1993). These criteria are:

- Whether the project would result in an increase in the frequency or severity of existing air quality violations, cause or contribute to new violations, or delay timely attainment of the ambient air quality standards or interim emission reductions in the AQMP.
- Whether the project would exceed the assumptions in the AQMP or increments based on the year of project buildout and phase.

To address the first criterion, project-generated criteria air pollutant emissions have been estimated and analyzed for significance and are addressed under Section 3.3.2(b). Detailed results of this analysis are included in Appendix B. As presented in Section 3.3(b), construction and operation of the proposed project would not generate criteria air pollutant emissions that exceed SCAQMD's thresholds.

The second criterion regarding the project's potential to exceed the assumptions in the AQMP or increments based on the year of project buildout and phase is primarily assessed by determining consistency between the project's land use designations and its potential to generate population growth. In general, projects are considered consistent with, and not in conflict with or obstructing implementation of, the AQMP if the growth in socioeconomic factors is consistent with the underlying regional plans used to develop the AQMP (per Consistency Criterion No. 2 of the SCAQMD CEQA Air Quality Handbook). SCAQMD primarily uses demographic growth forecasts for various socioeconomic categories (e.g., population, housing, employment by industry) developed by the Southern California Association of Governments (SCAG) for its Regional Transportation Plan (RTP)/Sustainable Communities Strategy (SCS) (SCAG 2016). This document, which is based on general plans for cities and counties in the SSAB, is used by SCAQMD to develop the

AQMP emissions inventory (SCAQMD 2017).[1] The SCAG 2016 RTP/SCS and the associated Regional Growth Forecast are generally consistent with the local plans; therefore, the 2016 AQMP is generally consistent with local government plans.

The project site is designated as Residential Low Density (0-5 du/acre) (R-L) on the City's General Plan Land Use Designations map (Desert Hot Springs 2000). This designation typically provides for moderately low-density single-family subdivisions and Planned Residential Developments. In addition, parks are permitted within residential zones within the City. As such, the proposed project is consistent with the existing land use designation and does not propose a change in land use designation. Furthermore, implementation of the project would not generate an increase in growth demographics that would conflict with existing projections within the region. Accordingly, the project is consistent with the SCAG RTP/SCS forecasts used in the SCAQMD AQMP development.

In summary, based on the considerations presented for the two criteria, impacts relating to the project's potential to conflict with or obstruct implementation of the applicable AQMP would be less than significant.

b) Would the project result in a cumulatively considerable net increase of any criteria pollutant for which the project region is non-attainment under an applicable federal or state ambient air quality standard?

Less Than Significant Impact. Air pollution is largely a cumulative impact. The nonattainment status of regional pollutants is a result of past and present development, and SCAQMD develops and implements plans for future attainment of ambient air quality standards. Based on these considerations, project-level thresholds of significance for criteria pollutants are relevant in the determination of whether a project's individual emissions would have a cumulatively significant impact on air quality.

In considering cumulative impacts from the project, the analysis must specifically evaluate a project's contribution to the cumulative increase in pollutants for which the SSAB is designated as nonattainment for the CAAQS and NAAQS. If a project's emissions would exceed SCAQMD's significance thresholds, it would be considered to have a cumulatively considerable contribution to nonattainment status in the SSAB. If a project does not exceed thresholds and is determined to have less than significant project-specific impacts, it may still contribute to a significant cumulative impact on air quality. The basis for analyzing the project's cumulatively considerable contribution is if the project's contribution accounts for a significant proportion of the cumulative total emissions (i.e., it represents a "cumulatively considerable contribution" to the cumulative air quality impact) and consistency with SCAQMD's 2016 AQMP, which addresses cumulative emissions in the SSAB.

Short-Term Construction Emissions

Proposed construction activities would result in the temporary addition of pollutants to the local airshed caused by on-site sources (i.e., off-road construction equipment, soil disturbance, and VOC off-gassing) and off-site sources (i.e., on-road haul trucks, vendor trucks, and worker vehicle trips). Construction emissions can vary substantially from day to day, depending on the level of activity; the specific type of operation; and,

[1] Information necessary to produce the emissions inventory for the SSAB is obtained from SCAQMD and other governmental agencies, including the California Air Resources Board (CARB), California Department of Transportation (Caltrans), and SCAG. Each of these agencies is responsible for collecting data (e.g., industry growth factors, socioeconomic projections, travel activity levels, emission factors, emission speciation profile, and emissions) and developing methodologies (e.g., model and demographic forecast improvements) required to generate a comprehensive emissions inventory. SCAG incorporates these data into its Travel Demand Model for estimating/projecting vehicle miles traveled and driving speeds. SCAG's socioeconomic and transportation activities projections in their 2016 RTP/SCS are integrated in the 2016 AQMP (SCAQMD 2017).

for particulate matter, the prevailing weather conditions. Therefore, such emission levels can only be approximately estimated.

The CalEEMod Version 2016.3.2 was used to estimate emissions from construction of the project. Internal combustion engines used by construction equipment, trucks, and worker vehicles would result in emissions of VOCs, oxides of nitrogen NO_x, CO, PM_{10}, and $PM_{2.5}$. PM_{10} and $PM_{2.5}$ emissions would also be generated by entrained dust, which results from the exposure of earth surfaces to wind from the direct disturbance and movement of soil. The project would be required to comply with SCAQMD Rule 403.1 to control dust emissions generated during any dust-generating activities. Standard construction practices that would be employed to reduce fugitive dust emissions include watering of the active dust areas two times per day, with additional watering depending on weather conditions. The project would involve application of architectural coating (e.g., paint and other finishes) for the self-storage building. The contractor is required to procure architectural coatings from a supplier that complies with the requirements of SCAQMD's Rule 1113 (Architectural Coatings). Table 2 presents the estimated maximum daily construction emissions generated during construction of the project.

Table 2. Estimated Maximum Daily Construction Criteria Air Pollutant Emissions

Year	VOC	NO_x	CO	SO_x	PM_{10}	$PM_{2.5}$
	pounds per day					
2020	4.19	42.50	26.08	0.07	9.52	5.97
SCAQMD Threshold	*75*	*100*	*550*	*150*	*150*	*55*
Threshold Exceeded?	**No**	**No**	**No**	**No**	**No**	**No**

Source: Appendix B
Notes: VOC = volatile organic compound; NOx = oxides of nitrogen; CO = carbon monoxide; SOx = sulfur oxides; PM10 = coarse particulate matter; PM2.5 = fine particulate matter; SCAQMD = South Coast Air Quality Management District.

As shown in Table 2, project construction would not exceed SCAQMD's daily thresholds. Therefore, construction impacts associated with criteria air pollutant emissions would be less than significant.

Long-Term Operational Emissions

Emissions from the operational phase of the project were estimated using CalEEMod. Operational year 2021 was assumed, as it would be the first full year following completion of construction. CalEEMod was used to estimate the following categories of operational emissions:

- **Area Sources:** Includes emissions from consumer product use, architectural coatings, and landscape maintenance equipment.
- **Energy Sources:** Includes emissions associated with electricity and natural gas usage. Electricity use would contribute indirectly to criteria air pollutant emissions; however, the emissions from electricity use are only quantified for GHGs in CalEEMod, since criteria pollutant emissions occur at the site of the power plant, which is typically off site.
- **Mobile Sources:** Includes emissions from the customers and employees of the project. The maximum daily trip rates were taken from the transportation analysis included in Section 3.17 (modeling output included in Appendix B).

Table 3 presents the estimated maximum daily emissions generated during operation of the proposed project.

Table 3. Estimated Maximum Daily Operation Criteria Air Pollutant Emissions

Emissions Source	VOC	NOx	CO	SOx	PM10	PM2.5
	Pounds per Day					
Area	0.09	0.00	0.00	0.00	0.00	0.00
Energy	0.00	0.04	0.03	0.00	0.00	0.00
Mobile	0.69	3.55	9.18	0.03	2.67	0.73
Total	**0.78**	**3.59**	**9.21**	**0.03**	**2.67**	**0.73**
SCAQMD Threshold	*55*	*55*	*550*	*150*	*150*	*55*
Threshold Exceeded?	**No**	**No**	**No**	**No**	**No**	**No**

Source: Appendix B
Notes: VOC = volatile organic compound; NO_x = oxides of nitrogen; CO = carbon monoxide; SO_x = sulfur oxides; PM_{10} = coarse particulate matter; $PM_{2.5}$ = fine particulate matter; SCAQMD = South Coast Air Quality Management District.

As shown in Table 3, the project would not exceed SCAQMD's significance thresholds during operations. Therefore, operational impacts associated with criteria air pollutant emissions would be less than significant.

c) Would the project expose sensitive receptors to substantial pollutant concentrations?

Less Than Significant Impact. Sensitive receptors are those individuals more susceptible to the effects of air pollution than the population at large. People most likely to be affected by air pollution include children, the elderly, and people with cardiovascular and chronic respiratory diseases. According to SCAQMD, sensitive receptors include residences, schools, playgrounds, childcare centers, long-term healthcare facilities, rehabilitation centers, convalescent centers, and retirement homes (SCAQMD 1993). Residential land uses are located near the project in all directions. The closest off-site sensitive receptors to the project site include residences adjacent to the eastern project site boundary.

Localized Significance Thresholds

Construction activities associated with the project would result in temporary sources of on-site fugitive dust and construction equipment emissions. Off-site emissions from vendor trucks, haul trucks, and worker vehicle trips are not included in the localized significance threshold (LST) analysis. The maximum allowable daily emissions that would satisfy the SCAQMD localized significance criteria for Source Receptor Area 30 are presented in Table 4 and compared to the maximum daily on-site construction emissions.

Table 4. Localized Significance Thresholds Analysis for Project Construction

Pollutant	Project Construction Emissions (Pounds per Day)	LST Criteria* (Pounds per Day)	Exceeds LST?
NO_2	42.42	304	No
CO	21.84	2,292	No
PM_{10}	9.25	14	No
$PM_{2.5}$	5.90	8	No

Source: SCAQMD 2009; Appendix B
Notes: LST = localized significance threshold; NO_2 = nitrogen dioxide; CO = carbon monoxide; PM_{10} = coarse particulate matter; $PM_{2.5}$ = fine particulate matter.

Table 4. Localized Significance Thresholds Analysis for Project Construction

Pollutant	Project Construction Emissions (Pounds per Day)	LST Criteria* (Pounds per Day)	Exceeds LST?

* LSTs are shown for 5-acre project sites corresponding to a distance to a sensitive receptor of 25 meters (82 feet) for Source Receptor Area 30 (Coachella Valley).
These estimates reflect control of fugitive dust required by Rule 403.1.
The emissions represent worst-case operating scenario during construction.

As shown in Table 4, the project LST would not exceed the established significance thresholds, and thus, would result in a less than significant impact to sensitive receptors.

CO Hotspots

Traffic-congested roadways and intersections have the potential to generate localized high levels of CO. Localized areas where ambient concentrations exceed federal and/or state standards for CO are termed CO "hotspots." CO transport is extremely limited and disperses rapidly with distance from the source. Under certain extreme meteorological conditions, however, CO concentrations near a congested roadway or intersection may reach unhealthy levels affecting sensitive receptors. Typically, high CO concentrations are associated with severely congested intersections operating at an unacceptable level of service (LOS) (LOS E or worse is unacceptable). Projects contributing to adverse traffic impacts may result in the formation of a CO hotspot. Additional analysis of CO hotspot impacts would be conducted if a project would result in a significant impact or contribute to an adverse traffic impact at a signalized intersection that would potentially subject sensitive receptors to CO hotspots.

Title 40 of the Code of Federal Regulations, Section 93.123(c)(5), Procedures for Determining Localized CO, PM_{10}, and $PM_{2.5}$ Concentrations (Hot-Spot Analysis), states that

> CO, PM_{10}, and $PM_{2.5}$ hot-spot analyses are not required to consider construction-related activities, which cause temporary increases in emissions. Each site which is affected by construction-related activities shall be considered separately, using established 'Guideline' methods. Temporary increases are defined as those which occur only during the construction phase and last five years or less at any individual site (40 CFR 93.123).

While project construction would involve on-road vehicle trips from trucks and workers during construction, construction activities would last approximately 12 months and would not require a project-level construction hotspot analysis.

Mobile source impacts occur on two scales of motion. Regionally, project-related travel would add to regional trip generation and increase the vehicle miles traveled (VMT) within the local airshed and the SSAB. Locally, project-generated traffic would be added to the City's roadway system near the project site. If such traffic occurs during periods of poor atmospheric ventilation, is composed of a large number of vehicles cold-started and operating at pollution-inefficient speeds, and is operating on roadways already crowded with non-project traffic, there is a potential for the formation of microscale CO hotspots in the area immediately around points of congested traffic. Because of continued improvement in vehicular emissions at a rate faster than the rate of vehicle growth and/or congestion, the potential for CO hotspots in the SSAB is steadily decreasing.

Projects contributing to adverse traffic impacts may result in the formation of CO hotspots. To verify that the project would not cause or contribute to a violation of the CO standard, a screening evaluation of the

potential for CO hotspots was conducted for operation. The potential for CO hotspots was evaluated based on the results of the Traffic Impact Analysis for the project (Appendix B), and the California Department of Transportation (Caltrans) Institute of Transportation Studies Transportation Project-Level Carbon Monoxide Protocol (CO Protocol; Caltrans 2010) was followed. For projects located within an area designated as attainment or unclassified under the CAAQS or NAAQS, the CO Protocol identifies screening criteria for consideration. The first screening criteria focuses on projects that are likely to worsen air quality, which would occur if (1) the project significantly increases the percentage of vehicles operating in cold start mode (greater than 2%), (2) the project significantly increases traffic volumes (greater than 5%), and/or (3) the project worsens traffic flow. In addition to consideration of whether the project would worsen air quality, CO hotspots are typically evaluated when (1) the LOS of an intersection or roadway decreases to LOS E or worse; (2) signalization and/or channelization is added to an intersection; and (3) sensitive receptors, such as residences, schools, and hospitals, are located in the vicinity of the affected intersection or roadway segment. No intersections studies in the Traffic Impact Analysis identified an LOS that would exceed the screening thresholds (Appendix B). Therefore, the project would not cause an intersection to exceed the screening thresholds to necessitate a quantitative CO hotspots analysis.

Accordingly, the project would not generate traffic that would contribute to potential adverse traffic impacts that may result in the formation of CO hotspots. In addition, due to continued improvement in vehicular emissions at a rate faster than the rate of vehicle growth and/or congestion, the potential for CO hotspots in the SSAB is steadily decreasing. Based on these considerations, the project would result in a less than significant impact to air quality with regard to potential CO hotspots.

Toxic Air Contaminants

A substance is considered toxic if it has the potential to cause adverse health effects in humans, including increasing the risk of cancer upon exposure, or acute (immediate) and/or chronic (cumulative) non-cancer health effects. A toxic substance released into the air is considered a toxic air contaminant (TAC). Adverse health effects associated with exposure to TACs may include carcinogenic (i.e., cancer-causing) and noncarcinogenic effects. Noncarcinogenic effects typically affect one or more target organ systems and may be experienced on either short-term (acute) or long-term (chronic) exposure to a given TAC.

TACs are identified by federal and state agencies based on a review of available scientific evidence. In the State of California, TACs are identified through a two-step process that was established in 1983 under the Toxic Air Contaminant Identification and Control Act. This two-step process of risk identification and risk management and reduction was designed to protect residents from the health effects of toxic substances in the air. In addition, the California Air Toxics "Hot Spots" Information and Assessment Act, Assembly Bill (AB) 2588, was enacted by the legislature in 1987 to address public concern over the release of TACs into the atmosphere.

Examples include certain aromatic and chlorinated hydrocarbons, certain metals, and asbestos. TACs are generated by a number of sources, including stationary sources, such as dry cleaners, gas stations, combustion sources, and laboratories; mobile sources, such as automobiles; and area sources, such as landfills. Adverse health effects associated with exposure to TACs may include carcinogenic (i.e., cancer-causing) and noncarcinogenic effects. Noncarcinogenic effects typically affect one or more target organ systems and may be experienced on either short-term (acute) or long-term (chronic) exposure to a given TAC.

Project construction would result in emissions of diesel particulate from heavy construction equipment and trucks accessing the site. Diesel particulate is characterized as a TAC by the State of California. The Office of Environmental Health Hazard Assessment has identified carcinogenic and chronic noncarcinogenic

effects from long-term exposure, but has not identified health effects due to short-term exposure to diesel exhaust. According to the Office of Environmental Health Hazard Assessment, health risk assessments, which determine the exposure of sensitive receptors to toxic emissions, should be based on a 30-year exposure period for the maximally exposed individual resident; however, such assessments should be limited to the period/duration of activities associated with the project. Thus, the duration of the proposed construction activities would only constitute a small percentage of the total 30-year exposure period. Due to this relatively short period of exposure (12 months) and minimal particulate emissions on site, TACs generated by the project would not result in concentrations causing significant health risks. Overall, the project would not result in substantial TAC exposure to sensitive receptors in the vicinity of the proposed project, and impacts would be less than significant.

In addition, the health risk public-notification thresholds adopted by the SCAQMD Board is 10 excess cancer cases in a million for cancer risk and a hazard index of more than one (1.0) for non-cancer risk. The hazard index of more than 1.0 means that predicted levels of a toxic pollutant are greater than the reference exposure level, which is considered the level below which adverse health effects are not expected. Examples of projects that emit toxic pollutants include oil and gas processing, gasoline dispensing, dry cleaning, electronic and parts manufacturing, medical equipment sterilization, freeways, and rail yards (SCAQMD 2017). The project would not emit TACs, and toxic contaminants are not anticipated to be present at the project site; as such, a formal health risk assessment will not be required for the project. Accordingly, the project is not anticipated to result in emissions that would exceed the SCAQMD Board-adopted health risk notification thresholds.

Health Impacts of Criteria Air Pollutants

Construction of the project would generate criteria air pollutant emissions; however, the project would not exceed the SCAQMD mass-emission thresholds.

The SSAB is designated as nonattainment for O_3 for the NAAQS and CAAQS. Thus, existing O_3 levels in the SSAB are at unhealthy levels during certain periods. The health effects associated with O_3 generally relate to reduced lung function. Because the project would not involve construction activities that would result in O_3 precursor emissions (VOC or NO_x) that would exceed the SCAQMD thresholds, the project is not anticipated to substantially contribute to regional O_3 concentrations and associated health impacts. Similar to construction, no SCAQMD threshold would be exceeded during operation.

In addition to O_3, NO_x emissions contribute to potential exceedances of the NAAQS and CAAQS for NO_2. Exposure to NO_2 and NO_x can cause lung irritation, bronchitis, and pneumonia, and lower resistance to respiratory infections. Project construction and operation would not exceed the SCAQMD NO_x threshold, and existing ambient NO_2 concentrations are below the NAAQS and CAAQS. Thus, construction and operation of the project are not expected to exceed the NO_2 standards or contribute to associated health effects.

CO tends to be a localized impact associated with congested intersections. CO competes with oxygen, often replacing it in the blood, reducing the blood's ability to transport oxygen to vital organs. The results of excess CO exposure can include dizziness, fatigue, and impairment of central nervous system functions. CO hotspots were discussed previously as a less than significant impact. Thus, the project's CO emissions would not contribute to the health effects associated with this pollutant.

The SSAB is designated as nonattainment for PM_{10} under the NAAQS and CAAQS. Particulate matter contains microscopic solids or liquid droplets that are so small that they can get deep into the lungs and cause serious health problems. Particulate matter exposure has been linked to a variety of problems,

including premature death in people with heart or lung disease, nonfatal heart attacks, irregular heartbeat, aggravated asthma, decreased lung function, and increased respiratory symptoms such as irritation of the airways, coughing, or difficulty breathing (EPA 2016). As with O_3 and NO_x, the project would not generate emissions of PM_{10} that would exceed SCAQMD's thresholds. Accordingly, PM_{10} emissions from the proposed project are not expected to cause any increase in related regional health effects for these pollutants.

In summary, the proposed project would not result in any potentially significant contribution to regional concentrations of nonattainment pollutants and would not result in a significant contribution to the adverse health impacts associated with those pollutants. Therefore, impacts associated with localized air emissions would be less than significant.

d) Would the project result in other emissions (such as those leading to odors) adversely affecting a substantial number of people?

Less Than Significant Impact. The occurrence and severity of potential odor impacts depends on numerous factors. The nature, frequency, and intensity of the source; the wind speeds and direction; and the sensitivity of receiving location each contribute to the intensity of the impact. Although offensive odors seldom cause physical harm, they can be annoying and cause distress among the public and generate citizen complaints.

Short-Term Construction Impacts

Odors would be potentially generated from vehicles and equipment exhaust emissions during construction of the project. Potential odors produced during construction would be attributable to concentrations of unburned hydrocarbons from tailpipes of construction equipment and asphalt pavement application. Such odors would disperse rapidly from the project site and generally occur at magnitudes that would not affect substantial numbers of people. Therefore, short-term construction impacts associated with odors would be less than significant.

Long-Term Operational Impacts

Land uses and industrial operations associated with odor complaints include agricultural uses, wastewater treatment plants, food-processing plants, chemical plants, composting operations, refineries, landfills, dairies, and fiberglass molding facilities (SCAQMD 1993). The project would not create any new sources of odor during operation. Therefore, there would be no long-term operational impacts associated with odors.

3.3.3 Mitigation Measures

No mitigation measures are required.

3.4 Biological Resources

3.4.1 Environmental Setting

Methodology

The following analysis relies on a biological resources assessment conducted by Dudek biologist Britney Strittmater in September 2019. This assessment included a pre-field review of the latest available relevant literature, published research, maps, soil data, data on biological baselines, special-status vegetation communities, and special-status species distributions to determine those resources that have the potential to occur within the project site and surrounding 100-foot buffer (the study area). Dudek used the following definitions of special-status biological resources for the CEQA analysis:

- Plants – species listed as threatened or endangered under the federal and state Endangered Species Acts (ESAs); species listed as rare, special, or Species of Special Concern as defined by the California Department of Fish and Wildlife (CDFW); and species with a California Rare Plant Rank of 1 or 2 as defined by the California Native Plant Society (CNPS)
- Wildlife – species listed as threatened or endangered under the federal and state ESAs; Birds of Conservation Concern as defined by the U.S. Fish and Wildlife Service (USFWS); and species with state designations such as Migratory Nongame Birds of Management Concern, California Species of Special Concern, Special Animals List species, and Fully Protected species as defined by the CDFW
- Vegetation communities – natural communities designated as sensitive by CDFW (Global Rank 1-3, State Rank 1-3) and riparian habitat

A search of the California Natural Diversity Database (CNDDB) (CDFW 2019) and the California Native Plant Society (CNPS) Inventory of Rare and Endangered Plants (CNPS 2019) was conducted to identify sensitive biological flora and fauna documented for the U.S. Geological Survey Desert Hot Springs 7.5-minute quadrangle where the site occurs and the eight surrounding 7.5-minute quadrangles (i.e., Catclaw Flat, Morongo Valley, Yucca Valley South, White Water, Seven Palms Valley, San Jacinto Peak, Palm Springs, and Cathedral City).

Following the pre-field literature review, Ms. Strittmater conducted a reconnaissance-level survey of the study area on September 17, 2019 to identify existing biological resources and confirm potential biological constraints. The site visit occurred from 8:40 a.m. to 9:45 a.m. Temperature ranged from 82 to 83 degrees Fahrenheit, there was no cloud cover, and winds ranged from 2 to 5 miles per hour. During the field survey, vegetation communities and land covers on site were mapped directly in the field onto a 200-foot-scale (1 inch = 200 feet), aerial photograph-based field map of the study area. Following completion of the fieldwork, all vegetation polygons were digitized using ArcGIS and a geographic information system (GIS) coverage was created. Natural vegetation communities were mapped in the field following CVMHSCP (CVAG 2016) where feasible, with modifications to accommodate the lack of conformity of the observed communities to those of *A Manual of California Vegetation*, second edition (Sawyer et al. 2009) or Oberbauer et al. (2008). Additionally, a general inventory of plant and wildlife species detected by sight, calls, tracks, scat, or other field indicators were compiled, and a determination was made concerning the potential for special-status species to occur within the study area. Note that the survey was not conducted during the peak bloom period for most flowering plants; however, the goal of the survey was to identify suitable habitat for special status species and was not an inventory of flora and fauna. Additionally, a preliminary investigation of the extent and distribution of U.S. Army Corps of Engineers (ACOE) jurisdictional waters of the U.S.,

Regional Water Quality Control Board (RWQCB) jurisdictional waters of the state, and CDFW jurisdictional streambed and associated riparian habitat was conducted.

Existing Conditions

Vegetation Communities

The study area is comprised of one vegetation community: Sonoran creosote bush scrub (7 acres) (CVAG 2016), as well as two non-natural land covers: urban/developed (2.75) and disturbed habitat (0.25) (Oberbauer et al. 2008).

Sonoran Creosote Bush Scrub: This community is dominated by creosote bush (*Larrea tridentata*) occurring on well-drained soils (CVAG 2016). Within the study area, Sonoran creosote bush scrub is dominated by an open to intermittent mix of creosote bush, white bursage (*Ambrosia dumosa*), cheesebush (*Ambrosia salsola*), and fourwing saltbush (*Atriplex canescens*) with a sparse understory comprised of common Mediterranean grass (*Schismus barbatus*) and Tournefort's mustard (*Brassica tournefortii*). The *Larrea tridentata* alliance has a rank of G5S5 in CDFW (CDFW 2018), meaning that it is globally secure and secure in the state. Therefore, CDFW does not consider the creosote bush scrub alliance a sensitive biological resource under CEQA (CDFW 2018). Sonoran creosote bush scrub is within the CVMSHCP and is considered a covered vegetation community (CVAG 2016).

Disturbed Habitat: The CVMSHCP does not describe disturbed habitat; however, this land cover type is described in Oberbauer et al. (2008) and refers to areas that have been permanently altered by previous human activity that has eliminated all future biological value of the land for most species. The native or naturalized vegetation is no longer present, and the land lacks habitat value for sensitive wildlife, including potential raptor foraging. Disturbed land on site consists of areas that have been previously graded and devoid of vegetation. Disturbed habitat is not a vegetation community; therefore, it is not considered a sensitive biological resource under CEQA (CDFW 2018).

Urban/Developed Land: The CVMSHCP does not describe urban/developed land; however, this land cover type is described in Oberbauer et al. (2008) and includes areas that have been constructed upon or otherwise physically altered to an extent that native vegetation is no longer supported. Developed land is characterized by permanent or semi-permanent structures, pavement or hardscape, and landscaped areas that often require irrigation (Oberbauer et al. 2008). Within the study area, developed areas include paved roads, permanent structures, residential development and associated landscaping. Developed land is not a vegetation community; therefore, it is not considered a sensitive biological resource under CEQA (CDFW 2018).

Soils

One soil type is mapped in the study area: Carsitas fine sand, 0% to 5% slopes (USDA 2019). The Carsitas series consists of very deep, somewhat excessively drained soils that are formed in alluvium from granitoid and/or gneissic rocks. These soils are typically found on alluvial fans, valleys, and drainage ways (USDA 2019). This soil series make up the entirety of the study area, including the project site. Figure 3 shows the soils mapped within the project site.

Wildlife

Wildlife diversity was limited due to the monotypic nature of the project site and developed nature of the surrounding area. Wildlife species detected within the study area were limited to mourning dove (*Zenaida macroura*), house finch (*Haemorhous mexicanus)* northern mockingbird (*Mimus polyglottos*) and rock pigeon (*Columba livia).* No active bird nests were observed during the site visit; however, the survey was conducted outside of the nesting season. The ornamental vegetation and sparse creosote bush provide potential habitat for nesting birds. One mammal species was found during the survey: domestic dog (*Canis lupus familiaris*).

Jurisdictional Waters

Although a formal wetlands delineation was not conducted for the proposed project, the site was evaluated for the potential to support jurisdictional waters under the federal Clean Water Act, California Fish and Game Code, and state Porter-Cologne Act during the site visit. No drainage features or riparian vegetation were documented within the study area.

Coachella Valley Multiple Species Habitat Conservation Plan

The CVMSHCP is a joint regional planning effort of the USFWS, the CDFW, the Bureau of Land Management, the U.S. Forest Service, and the National Park Service, as well as Riverside County and most jurisdictions in the Coachella Valley, including the City of Desert Hot Springs. The DLVSP is within the planning area for the CVMSHCP. This regional multi-agency conservation plan provides for the long-term conservation of approximately 240,000 acres of open space and 27 plant and animal species in the Coachella Valley. The stated overall goal of the CVMSHCP is, "…to enhance and maintain the biological diversity and ecosystem processes while allowing future economic growth." The CVMSHCP balances environmental protection and economic development objectives in the Plan area and simplifies compliance with endangered species laws.

The CVMSHCP is subdivided according to specific resource conservation goals that have been organized according to geographic areas defined as Conservation Areas that serve as natural habitat for covered species. These areas are identified as Core, Essential, or Other Conserved Habitat for special-status plant, invertebrate, amphibian, reptile, bird, and mammal species, Essential Ecological Process Areas, and Biological Corridors and Linkages. The CVMSHCP area is divided into Conservation Areas based on a combination of ecological and jurisdictional factors. Per the CVMSHCP, 90 percent of the land within the Conservation Area is to remain open space and 10 percent may be developed. For each Conservation Area, Conservation Objectives and required measures are articulated for conserving Core Habitat for covered species, Essential Ecological Processes necessary to maintain habitat viability, Biological Corridors and Linkages as needed, and the less common Conserved Natural Communities. The project site is not within a designated CVMSHCP conservation area.

Under the CVMSHCP, a Take Authorization, except for three of the covered species, is allowed for covered activities in accordance with the federal ESA and the California Natural Community Conservation Planning Act. Covered activities include development permitted or approved by local permittees, which includes new projects approved pursuant to county and city general plans. Take activities are limited within Conservation Areas. Development impacts on the covered species and their habitats are mitigated through payment of a fee, which is used by the Coachella Valley Conservation Commission to minimize and mitigate impacts of the taking and provide for conservation of the covered and non-covered species through the acquisition and maintenance of habitat.

3.4.2 Impact Analysis

	Potentially Significant Impact	Less Than Significant Impact With Mitigation Incorporated	Less Than Significant Impact	No Impact
IV. BIOLOGICAL RESOURCES – Would the project:				
a) Have a substantial adverse effect, either directly or through habitat modifications, on any species identified as a candidate, sensitive, or special status species in local or regional plans, policies, or regulations, or by the California Department of Fish and Game or U.S. Fish and Wildlife Service?	☐	☒	☐	☐
b) Have a substantial adverse effect on any riparian habitat or other sensitive natural community identified in local or regional plans, policies, regulations, or by the California Department of Fish and Game or U.S. Fish and Wildlife Service?	☐	☐	☐	☒
c) Have a substantial adverse effect on state or federally protected wetlands (including, but not limited to, marsh, vernal pool, coastal, etc.) through direct removal, filling, hydrological interruption, or other means?	☐	☐	☐	☒
d) Interfere substantially with the movement of any native resident or migratory fish or wildlife species or with established native resident or migratory wildlife corridors, or impede the use of native wildlife nursery sites?	☐	☐	☐	☒
e) Conflict with any local policies or ordinances protecting biological resources, such as a tree preservation policy or ordinance?	☐	☐	☐	☒
f) Conflict with the provisions of an adopted Habitat Conservation Plan, Natural Community Conservation Plan, or other approved local, regional, or state habitat conservation plan?	☐	☐	☒	☐

a) Would the project have a substantial adverse effect, either directly or through habitat modifications, on any species identified as a candidate, sensitive, or special status species in local or regional plans, policies, or regulations, or by the California Department of Fish and Game or U.S. Fish and Wildlife Service?

Less Than Significant Impact With Mitigation Incorporated. The proposed project, known as Corporate Yard Park, includes development of approximately 7.5 acres of a 10-acre site as a community park. The remainder of the site would operate as the City's corporate yard. The proposed project would provide parks amenities for City residents identified in the Parks and Recreation Master Plan, reducing deficits for sports fields. The proposed project would be open for public use. The proposed project would include the following improvements: football field, baseball field, common area, corporate yard, parking, on-site drainage

improvements and utilities. The study area includes the proposed project, plus a 500-foot buffer around the project site.

Special-Status Plant Species

The study area is comprised of creosote bush scrub, disturbed habitat, and urban/developed lands. No plant species listed or proposed for listing as rare, threatened, or endangered by either the California Department of Fish and Wildlife or the U.S. Fish and Wildlife Service were detected within the study area during the reconnaissance survey. Additionally, no plant species considered sensitive by the CNPS were observed. Dudek performed a review of literature, existing documentation, and GIS data to evaluate the potential for special-status plant species to occur within the study area. Each special-status plant species was given a rating of not expected, low, medium, or high based on relative location to known occurrences, vegetation communities, soils, and elevation. Based on the results of the literature review and database searches, 21 special-status plant species were identified as previously occurring within the region. Of these, no federally- or state-listed species have a low, moderate, or high potential to occur. All of the other non-listed special-status species were determined to have low or no potential to occur within the study area. This was largely due to the developed nature of the surroundings, the vegetation communities present, elevation ranges, previous known locations and species range. The complete results of this potential to occur evaluation for special-status plants are included as Appendix C of this document. Additionally, there is no U.S. Fish and Wildlife Service-designated critical habitat for listed plant species within the project site. However, U.S. Fish and Wildlife Service-designated critical habitat for one listed species, Coachella Valley milk vetch, occurs within the study area, southwest of the intersection of Cholla Drive and Hacienda Avenue. Coachella Valley milk vetch is a Covered Species under the CVMSHCP. Since the proposed project would be considered a Covered Activity under the CVMSHCP upon project approval, "take" of species covered under the CVMSHCP (including Coachella Valley milk vetch) during construction and operation of the proposed project would be authorized with payment of the required CVMSHCP mitigation fee. Therefore, impacts to special-status species would be less than significant.

Special-Status Wildlife Species

The study area is comprised of creosote bush scrub, disturbed habitat, and urban/developed lands. No wildlife species listed or proposed for listing as rare, threatened, or endangered by either the CDFW or USFWS were detected within the study area during the reconnaissance survey. Dudek performed a review of literature, existing documentation, and GIS data to evaluate the potential for special-status wildlife species to occur within the study area. Each special-status wildlife species was given a rating of not expected, low, moderate, or high based on relative location to know occurrences, vegetation communities, elevation and species range. Based on the results of the literature review and database searches, 38 special-status wildlife species were identified as occurring within the region. Of the 38 special-status species, only one was determined to have a moderate potential to occur: burrowing owl (*Athene cunicularia*), a California Species of Special Concern and covered species under the CVMSHCP. While the site visit did not document any suitable burrows and no ground squirrel activity was observed, this species is known to occur within the immediate vicinity and debris piles were documented within the proposed project footprint that may provide suitable nesting habitat or refuge. All of the other species were determined to have low or no potential to occur within the study area. This was largely due to the developed nature of the surroundings, the vegetation communities present, elevation ranges, previous known locations and species range. The complete results of this potential to occur evaluation for special-status plants are included as Appendix C of this document.

The project site and study area contain shrubs and ornamental trees that would potentially be used by migratory birds for breeding. Direct impacts to migratory nesting birds must be avoided to comply with the Migratory Bird Treaty Act (16 U.S.C. 703–712) and California Fish and Game Code. The project would require removal of some shrubs and ornamental trees; therefore, the project site potential to directly impact nesting bird species. Indirect impacts to nesting birds from short-term, construction-related noise could result in decreased reproductive success or abandonment of an area as nesting habitat if construction were conducted during the breeding/nesting season (i.e., February through August). To avoid potential indirect impacts to nesting birds, and in conformance with the requirements of the Migratory Bird Treaty Act and California Fish and Game Code, **MM BIO-1** would be implemented. Therefore, with implementation of **MM BIO-1**, direct and indirect impacts to nesting birds from construction-related activities would be less than significant.

The project site includes debris piles within the existing corporate yard that could act as suitable nesting habitat for burrowing owl. The remainder of the project site contains compacted soils, and no ground squirrel activity or burrows were detected. To avoid potential direct or indirect impacts to burrowing owl, implementation of **MM BIO-2** will reduce impacts to burrowing owl to less than significant.

Furthermore, to address potential for indirect impacts associated with night lighting towards species that may be present in the partially adjacent CVMSHCP Conservation Area (southwest of the intersection of Cholla Drive and Hacienda Avenue), use of shields and downward directing of lighting would reduce opportunities for sky glow/light pollution.

b) Would the project have a substantial adverse effect on any riparian habitat or other sensitive natural community identified in local or regional plans, policies, regulations, or by the California Department of Fish and Game or U.S. Fish and Wildlife Service?

No Impact. No special-status or sensitive vegetation communities are present within the study area or impact footprint. As a result, there would be no direct or indirect impacts to riparian vegetation or other sensitive or special-status vegetation communities.

c) Would the project have a substantial adverse effect on state or federally protected wetlands (including, but not limited to, marsh, vernal pool, coastal, etc.) through direct removal, filling, hydrological interruption, or other means?

No Impact. No federally defined waters of the United States or state occur within the project site. This includes the absence of federally defined wetlands and other waters (e.g., drainages) and state-defined waters (e.g., streams and riparian extent). The project would be subject to the typical restrictions (e.g., BMPs) and requirements that address erosion and runoff, including those of the Clean Water Act and National Pollutant Discharge Elimination System (NPDES) permit. With implementation of BMPs and permit conditions, no indirect impacts would occur. It is assumed that all construction activities would be limited to developed and/or disturbed land covers. Therefore, no direct or indirect impacts to jurisdictional waters or wetlands would occur.

d) Would the project interfere substantially with the movement of any native resident or migratory fish or wildlife species or with established native resident or migratory wildlife corridors, or impede the use of native wildlife nursery sites?

No Impact. The northern portion of the project site is currently developed and utilized for the Desert Hot Springs Corporate Yard, while the remainder of the site is generally flat, undeveloped land with sparse

vegetation comprised of creosote bush. However, the project site is located in an area largely developed with residential land uses and is bound by Flora Avenue to the north, Cholla Drive to the west, Hacienda Avenue to the south, and existing multi-family residential development to the east. Due to the matrix of development surrounding the project site, the proposed project does not constrain natural wildlife movement in its vicinity. Vacant land southwest of the project site is designated as Conservation Land under the Coachella Valley Multiple Species Habitat Conservation Plan and may provide wildlife movement. However, the project site is not within any designated wildlife corridors and/or habitat linkages identified in the South Coast Missing Linkages analysis project (South Coast Wildlands 2008), California Essential Habitat Connectivity project (Spencer et al. 2010), or as recognized by the CVMSHCP. Therefore, no direct or indirect impacts to wildlife movement would occur.

e) Would the project conflict with any local policies or ordinances protecting biological resources, such as a tree preservation policy or ordinance?

No Impact. The City does not have any policies or ordinances protecting biological resources that are applicable to the proposed project.

f) Would the project conflict with the provisions of an adopted Habitat Conservation Plan, Natural Community Conservation Plan, or other approved local, regional, or state habitat conservation plan?

Less Than Significant Impact. The proposed project is located within the overall CVMSHCP area but not within a designated Conservation Area. The lead agency for this project is the City, which is a Permittee in the CVMSHCP. Compliance with the CVMSHCP provides Permittees with take authorization for covered species for all covered activities, which includes development outside of conservation areas. Although the project site is outside of a Conservation Area, the site is located partially adjacent to the Upper Mission Creek/Big Morongo Canyon Conservation Area, southwest of the intersection of Cholla Drive and Hacienda Avenue. Therefore, the avoidance, minimization, and mitigation measures for covered activities that apply to projects adjacent to Conservation Areas would apply (CVMSHVP Section 4.4). To address potential for indirect impacts associated with night lighting towards species that may be present in the Conservation Area use of shields and downward directing of lighting would reduce opportunities for sky glow/light pollution.

The project is a covered activity and compliance with the CVMSHCP would provide take authorization for covered species. A fee is required for all projects located within the CVMSHCP plan area. The CVMSHCP mitigation fee is used by the Coachella Valley Conservation Commission to minimize and mitigate impacts from the taking of, and provide conservation for, covered and non-covered species through the acquisition and maintenance of habitat. With payment of this fee, the project would be consistent with the CVMSHCP.

3.4.3 Mitigation Measures

MM-BIO-1 **Preconstruction Nesting Bird Survey and Avoidance Measures**. In conformance with the requirements of the Migratory Bird Treaty Act and California Fish and Game Code, should vegetation clearing, cutting, or removal activities be required during the nesting season (i.e., February 1 through August 31), a qualified biologist shall conduct a nesting bird survey within 72 hours of such activities. The survey shall consist of full coverage of the project footprint and an appropriate buffer, as determined by the biologist. If no occupied nests are found, no additional steps shall be required. If nests are found that are being used for breeding or rearing young by a native bird, the biologist shall recommend further avoidance measures, including establishing an

appropriate buffer around the occupied nest. The buffer shall be determined by the biologist based on the species present, surrounding habitat, and existing environmental setting/level of disturbance. No construction or ground-disturbing activities shall be conducted within the buffer until the biologist has determined that the nest is no longer being used for breeding or rearing.

MM-BIO-2 **Preconstruction Burrowing Owl Surveys and Avoidance Measures**. Two preconstruction surveys for burrowing owl shall be conducted prior to any site preparation or construction activities to ensure that burrowing owls have not occupied the project site. The surveys shall follow the *Staff Report on Burrowing Owl Mitigation* (CDFW 2012), which states the first survey will occur within 30 days prior to site disturbance and the second will occur within 24 hours. If burrowing owls are detected on site, a passive relocation plan shall be prepared following accepted protocol and approved by CDFW. The passive relocation plan shall be subject to the review and approval of CDFW prior to any site disturbance.

3.5 Cultural Resources

3.5.1 Environmental Setting

Existing Conditions

The existing conditions and impact analysis for this section rely on a records search prepared for the proposed project to assess information on all documented cultural resources and previous archaeological investigations within one mile of the project site, examination of historic aerials and maps, and a pedestrian survey conducted by Dudek on February 6, 2020. The cultural resources records search was conducted on October 22, 2019, at the Eastern Information Center (EIC) at University of California, Riverside by Dudek personnel. Non-confidential findings from the records search are included in Appendix D. Resources consulted during the records search conducted at EIC included the National Register of Historic Places (NRHP), California Historical Landmarks, California Points of Historical Interest, and the California State Historic Resources Inventory.

Based upon the records search, 47 cultural resource studies have previously been completed within the project site and one-mile buffer area. A total of 38 previously recorded cultural resources were identified within the study area. None of 38 resources identified within the study area are located within or near the project site.

3.5.2 Impact Analysis

	Potentially Significant Impact	Less Than Significant Impact With Mitigation Incorporated	Less Than Significant Impact	No Impact
V. CULTURAL RESOURCES – Would the project:				
a) Cause a substantial adverse change in the significance of a historical resource pursuant to §15064.5?	☐	☐	☐	☒

	Potentially Significant Impact	Less Than Significant Impact With Mitigation Incorporated	Less Than Significant Impact	No Impact
b) Cause a substantial adverse change in the significance of an archaeological resource pursuant to §15064.5?	☐	☒	☐	☐
c) Disturb any human remains, including those interred outside of dedicated cemeteries?	☐	☒	☐	☐

a) Would the project cause a substantial adverse change in the significance of a historical resource pursuant to §15064.5?

No Impact. A records search was conducted by Dudek personnel on October 22, 2019 at the EIC, located at University of California Riverside (Appendix D). This search provided information on all documented cultural resources and previous archaeological investigations within one mile of the project area. Results of the records search and additional research are detailed below in Section 3.5(b).

The records search resulted in the identification of 47 previously conducted projects with the one mile study area and of these 47 projects, three (3) have either intersected or bordered the current project area. In addition, the records search indicates that 38 previously recorded cultural resources were located within the 1-mile study area buffer. Based upon the records search conducted at the EIC, none of the 38 previously recorded cultural resources were located within (or near) the current project area.

In addition, Dudek consulted historic maps and aerial photographs to understand development of the proposed project area and surrounding properties. (NETR 2020a). Historic aerials are available for the years 1972, 1996, 2002, 2005, 2009, 2010, 2012, 2014, and 2016. Topographic maps are available for the years 1944, 1955, 1956, 1960, 1961, 1963, 1972, 1973, 1987, 2012, 2015, and 2018 (NETR 2020b).

The first USGS topographic map showing the proposed project area dates to 1944 and depicts the project area as undeveloped with a north-south oriented drainage extending through the western portion of the parcel. An unlabeled street grid is visible to the east. No changes are apparent until 1956 when additional development in and around the project area can be seen. Throughout the 1960s and 1970s additional residential development is shown is the subdivisions surrounding the project Area. The two streets that are currently depicted extending north-south at the southern Project Area boundary are first visible on the 1973 topographic map.

The first available aerial image available for the project site dates to 1972. In it, the two north-south streets at the southern project site boundary are visible and the remainder of the project site remains undeveloped. The next available aerial was taken in 1996 and shows the Corporate Yard for the first time in the northwest of the project site. Flora Avenue remains a dirt road at this point. The 2005 aerial depicts Flora Avenue as a paved road and the housing development immediately north of the project site is complete. Between the 2005 and 2009 aerials, the residential tract west of the project site was developed. Between 2010 and 2012 additional development is seen filling in the open space to the northeast of the project site. By this time the project site had taken on the current appearance.

Examination of the aerial photographs and historic topographic maps shows changes in the Project site and vicinity through time and suggests the project area remains relatively undisturbed. The development of the Corporate Yard and the encroachment of residential development has likely affected soils with the potential to support the presence of archaeological material within of the project area

On February 6, 2020, a Dudek archaeologist completed an archaeological survey of the project site. The project site was surveyed using transects spaced no greater than 10 meters apart and oriented in an east-west direction. The archaeologist examined exposed ground surface for artifacts (e.g., flaked stone tools, tool-making debris, milling tools, ceramics), ecofacts (e.g., marine shell and bone), soil discoloration that might indicate the presence of a cultural midden, and features indicative of the former presence of structures or buildings (e.g., standing exterior walls, postholes, foundations) or historic debris (e.g., metal, glass, ceramics). Ground disturbances such as animal burrows or natural subsurface exposures were visually inspected for cultural resources.

The project site is within a previously disturbed context consisting of the Corporate Yard and associated facilities, existing asphalt access road and parking areas, dirt roads, and cleared areas. A fence surrounding the facility was present and prevented the project site to be surveyed in its entirety. Overall, ground visibility was excellent (95 percent). Within the project, the soil is a light brown, fine- to medium-grained, silty sand with angular inclusions. Abundant modern trash was littered across the project site. Modern debris such as gravel, glass, wood, and asphalt were observed.

No historic or prehistoric resources were identified during the field survey. The project site has been previously impacted by development and modern usage. Since the project site is in a disturbed context, the likelihood of encountering previously unrecorded resources is low.

Pursuant to CEQA Guidelines, Section 15064.5(a)(3), a resource may be considered to be “historically significant” by the lead agency if the resource meets the criteria for listing. A resource is eligible for listing in the California Register of Historical Resources if the State Historical Resources Commission determines that it is a significant resource and that it meets any of the following National Register of Historic Places criteria (California Public Resources Code, Section 5024.1(c)):

1. Associated with events that have made a significant contribution to the broad patterns of California's history and cultural heritage.
2. Associated with the lives of persons important in our past.
3. Embodies the distinctive characteristics of a type, period, region, or method of construction, or represents the work of an important creative individual, or possesses high artistic values.
4. Has yielded, or may be likely to yield, information important in prehistory or history.

Resources less than 50 years old are not considered for listing in the California Register of Historical Resources, but they may be considered if it can be demonstrated that sufficient time has passed to understand the historical importance of the resource (see 14 CCR 4852(d)(2)). No historic built environment resources were identified within the project site as a result of the records search. Therefore, the proposed project would have no impact to historic built environment resources.

b) Would the project cause a substantial adverse change in the significance of an archaeological resource pursuant to §15064.5?

Less Than Significant Impact with Mitigation Incorporated. The records search described above identified 47 previously conducted projects with the one-mile study area and of these 47 projects, three intersect the current project area. In addition, the records search indicates that 38 previously recorded cultural resources were located within the one-mile study area buffer. None of the 38 previously recorded cultural resources were located within (or near) the project site.

Table 5 lists previous cultural resources studies within the current study area (project area plus one-mile buffer).

Table 5. Previous Cultural Resources Studies within the Current Study Area

Report Number	Year	Author	Title	Resources
RI-0045	1978	Nancy A. Whitney-Desautels	Archaeological Survey Report on Two Parcels of Land Located in the Desert Hot Springs Area of the County of Riverside	N/A
RI-01983	1985	Parr, Robert E.	An Archaeological Assessment of Tract 12832 (12832), Lots 1,2, And 3, in the City Of Desert Hot Springs, Riverside County, California	N/A
RI-04845	2004	White, Robert S., John A. Minch, and Laura S. White	Archaeological And Paleontological Assessment of 10.17-Acres as shown on TTM 32651, Northwest of the Intersection of Cholla Drive And Hacienda Avenue, City of Desert Hot Springs, Riverside County	N/A
RI-04846	2004	White, Robert S., John A. Minch, and Laura S. White	Archaeological and Paleontological Assessment of 13.15-Acres as shown on TPM 32729, Northeast Corner of Little Morongo Road and Two Bunch Palms Trail, City Of Desert Hot Springs, Riverside County	N/A
RI-05188	2004	Taniguchi, Christeen	Letter Report: Records Search Results, Site Visit and Indirect Ape Historic Architectural Assessment for Sprint Telecommunications Facility Rv60xc858a (Irwin Property), Pierson Boulevard, Desert Hot Springs, Riverside County, California	33-014810
RI-05192	2005	Dice, Michael and Jay Keasling	Phase I Cultural Resource Survey, Negative Results at the Eagle Point Project, APN No. 664-190-004, - 036, -037, And -038, City of Desert Hot Springs, Ca	N/A
RI-05193	2005	Mason, Roger	Phase I Archaeological Survey Report for Property Located at the Northeast Corner of 13th Avenue and Little Morongo Drive, Desert Hot Springs, Riverside County, Ca	N/A
RI-05599	2004	White, Robert S. and Laura S White	Archaeological and Paleontological Assessments of Tentative Tract 32360, a 10.18-Acre Parcel Located Northwest of the Intersection of Desert View Avenue and Cholla Drive, City of Desert Hot Springs, Riverside County	N/A
RI-05650	2005	Demcak, Carol R.	Report of Phase I Archaeological Assessment for 10-Acre Parcel (APN 663-320-002), Desert Hot Springs, CA	N/A
RI-06216	2006	Sean M. Thai	Letter Report: Proposed Cellular Tower Project(s) in Riverside County, California, Site Number(s)/ Name(s): CA-5306C/ Little Morongo, TCNS #13289	N/A
RI-06463	2004	Tang, Bai, Michael Hogan, Matther Wetherbee and John J. Eddy	Historical/Archaeological Resources Survey Report, Pierson Boulevard Sewer Interceptor, City of Desert Hot Springs, Riverside County, CA	N/A
RI-06510	2006	Tang, Bai and Michael Hogan	Historical/Archaeological Resoruces Survey Report, Assessor's Parcel No. 663-290-003, in the City of Desert Hot Springs, Riverside County, California	N/A
RI-06513	2006	Tang, Bai, Michael Hogan, Matther Wetherbee and John J. Eddy	Historical/Archaeological Resources Survey Report, GHA Single-Family Residential Development, in the City of Desert Hot Springs, Riverside County, California	N/A
RI-06685	2006	Tang, Bai "Tom", Michael Hogan, Clarence Bodmer, Daniel Ballester, and Laura H. Shaker	Historical/Archaeological Resources Survey Report: Tentative Tract Map No. 33548, in the City of Desert Hot Springs, Riverside County, California	N/A
RI-06765	2007	Demcak, Carol R.	Report of Phase I Archaeological Assessment for 4.77-Acre Parcel (APN 663-320-016), Desert Hot Springs, California	N/A
RI-06781	2006	McKenna, Jeanette A.	A Phase I Cultural Resources Investigation of the Asset Group, LLC Property (80 ac.) In the City of Desert Hot Springs, Riverside County, California	N/A

Table 5. Previous Cultural Resources Studies within the Current Study Area

Report Number	Year	Author	Title	Resources
RI-07013	2005	White, Robert S. and Laura S White	Archaeological and Paleontological Assessments of TT 34041, a 19-Acre Parcel Located Northeast of the Intersection of West Drive and 15th Avenue, City of Desert Hot Springs, Riverside County	N/A
RI-07292	2007	Bai Tom Tang and Michael Hogan	Historical/Archaeological Resources Survey Report: Assessor's Parcel Nos. 663-280-006 and -007 in the City of Desert Hot Springs, Riverside County, California	N/A
RI-07762	2007	Carol R. Demcak	Report of Phase I Archaeological Assessment for 4.77-Acre Parcel (APN 663- 320-016), Flora Avenue and West Drive, Desert Hot Springs, California	N/A
RI-08898	2012	Robert A. Rowe, Jennifer M. Sanka, Lora Holland, and William R. Gillean	Archaeological Survey Report Essential Phase III Road Improvements Project City of Desert Hot Springs, Riverside County, California, Caltrans Local Assistance Project 08-RIV-Desert Hot Springs; FPN DEM06L 5384(015)	N/A
RI-09019	2013	Michael Hogan	Archaeological Monitoring Program, Mission Springs Water District Service Area F Sewer Improvement Project, Desert Hot Springs, Riverside County, California	N/A
RI-09363	2015	Bai “Tom” Tang and Michael Hogan	Phase I Historical/Archaeological Resources Survey Little Morongo and Kranshire Project Assessor's Parcel Number 663-270-004 City of Desert Hot Springs, Riverside County, California	33-024248
RI-09368	2015	Bai "Tom" Tang, Michael Hogan, Deirdre Encarnacion, Salvadore Boites, and Nina Gallardo	Historical/Archaeological Resources Survey Report: GFarmaLabs Project, Assessor's Parcel nNos. 665-030-018 and -019, City of Desert Hot Springs, Riverside County, California	N/A
RI-09466	2015	Ben Kerridge, Daniel Ballester, and Nina Gallardo	Phase I Historical/Archaeological Resources Survey, Assessor's Parcel Number 663-270- 006 and -007, City of Desert Hot Springs, Riverside County, California	N/A
RI-09467	2015	Ben Kerridge, Daniel Ballester, and Nina Gallardo	Phase I Historical/Archaeological Resources Survey, Assessor's Parcel Number 663-270-005, City of Desert Hot Springs, Riverside County, California	N/A
RI-09469	2015	Terri Jacquemain, Daniel Ballester, and Nina Gallardo	Phase I Historical/Archaeological Resources Survey, Assessor's Parcel Numbers 663-280- 008, -009, and -019, City of Desert Hot Springs, Riverside County, California	N/A
RI-09470	2015	Terri Jacquemain, Daniel Ballester, and Nina Gallardo	Phase I Historical/Archaeological Resources Survey, Assessor's Parcel Number 665-030-025, City of Desert Hot Springs, Riverside Country, California	N/A
RI-09475	2016	Jesse Yorck, Daniel Ballester, and Kaitlyn Sherman	Historical/Archaeological Resources Survey Report: Assessor's Parcel Number 663-280-002, City of Desert Hot Springs, Riverside County, California	N/A
RI-09478	2015	Jesse Yorck, Daniel Ballester, and Nina Gallardo	Historical/Archaeological Resources Survey Report: Assessor's Parcel Number 665-030-043, City of Desert Hot Springs, Riverside County, California	N/A
RI-09494	2015	Terri Jacquemain, Daniel Ballester, and Nina Gallardo	Phase I Historical/Archaeological Resources Survey, Assessor's Parcel Number 663-280-018, City of Desert Hot Springs, Riverside County, California	N/A
RI-09498	2016	Bai Tang and Michael Hogan	Historical/Archaeological Resources Survey Report; Assessors Parcel Number 665-030- 041 NR Trading Company Project	N/A
RI-09512	2015	Ben Kerridge, Daniel Ballester, and Nina Gallardo	Historical/Archaeological Resources Survey Report: Assessor's Parcel Numbers 665-030-023 and -024, City of Desert Hot Springs, Riverside County, California	N/A
RI-09513	2015	Jesse Yorck, Daniel Ballester, and Nina Gallardo	Historical/Archaeological Resources Survey Report: Assessor's Parcel Number 665-030-037, City of Desert Hot Springs, Riverside County, California	N/A
RI-09549	2016	Jesse Yorck, Ben Kerridge, Daniel Ballester, and Nina Gallardo	Historical/Archaeological Resource Survey Report: Assessor's Parcel Number 665-030-062, City of Desert Hot Springs, Riverside County, California	N/A
RI-09550	2016	Bai "Tom" Tang, Mariam Dahdul, Daniel Ballester, and Nina Gallardo	Historical/Archaeological Resources Survey Report: Assessor's Parcel Number 665-030-036, City of Desert Hot Springs, Riverside County, California	N/A
RI-09557	2015	Bai “Tom” Tang and Michael Hogan	Historical/Archaeological Resources Survey Report, Assessor's Parcel Number 665-030-058	N/A
RI-09840	2016	Andrew Meyers and Wendy Blumel	Cultural Resources Investigation Of One Approximately 11-Acre Parcel In The City Of Desert Hot Springs Riverside County, California	N/A
RI-09844	2016	Hannah Hicok and Wendy Blumel	Cultural Resources Investigation of Two 2.5- Acre Parcels In The City Of Desert Hot Springs Riverside County California	N/A

Table 5. Previous Cultural Resources Studies within the Current Study Area

Report Number	Year	Author	Title	Resources
RI-09858	2016	Hannah Hicok and Wendy Blumel	Cultural Resources Investigation Of Two 1.07- Acre Parcels On 2 Bunch Palms Trail In The City Of Desert Hot Springs Riverside County, California	N/A
RI-09873	2016	Bai "Tom" Tang, Michael Hogan, Jesse Yorck. Daniel Ballester, and Nina Gallardo	Historical/ Archaeological Resources Survey Report Assessor's Parcel Number 665-060-006 City of Desert Hot Springs, Riverside County, California	N/A
RI-09939	2016	Bai "Tom" Tang, Deirdre Encamacion, Daniel Ballester, and Nina Gallardo	Historical/Archaeological Resources Survey Report: Assessor's Parcel Nos. 665-030-038, City Of Desert Hot Springs, Riverside County, California	N/A
RI-09968	2017	Brian F. Smith and Andrew J. Garrison	A Phase 1 Cultural Resources Assessment for the Marbella Villa Project	N/A
RI-10165	2016	Bai "Tom" Tang and Michael Hogan	Historical/Archaeological Resources Survey Report Assessor's Parcel Number 665-030-062	N/A
RI-10254	2010	Terri Jacquemain, Harry M. Quinn, Baniel Ballester, and Laura H. Shaker	Identification and Evaluation of Historic Properties: Mission Springs Water District, Groundwater Protection Pipeline Project, in and near the City of Desert Hot Springs, Riverside County, California	N/A
RI-10254	2018	Bai "Tom" Tang, Deirdre Encarnacion, Salvadore Boites, and Nina Gallardo	Historical/Archaeological Resources Survey Report: Dreamfields Project, Assessor's Parcel No. 665-030-059, City of Desert Hot Springs, Riverside County, California	N/A
RI-10464	2017	Andrew Myers and Wendy Blumel	One 1.26-Acre Parcel in the City of Desert Hot Springs Riverside County, California	N/A
RI-10488	2017	Andrew Myers and Wendy Blumel	One 6.19-Acre Project Area in the City of Desert Hot Springs Riverside County, California	N/A

Source: Appendix D

Based upon the records search conducted at the EIC, 38 previously recorded cultural resources were identified within the study area. Of the 38 resources identified with the study area, none (see Table 6) are within or very near the current project area. The majority of resources are single family residences and a few are insignificant historic trash scatters. No prehistoric resources have been identified in the study area. No previously identified resources within the study area have been individually or collectively listed on the NRHP or the CRHR.

Table 6 lists previous cultural resources within the current study area (project area plus one-mile buffer).

Table 6. Previous Cultural Resources within the Study Area

Primary Number	Trinomial	Resources Name	Resource Description
P-33-006844	N/A	Coffee's Spa and Hotel	Vernacular wood frame structure and associated hot pool built in 1948 and led to the founding of Desert Hot Springs
P-33-006845	N/A	Desert Hot Springs Library and Museum	Vernacular wood frame structure built between 1946 and 1955 as the first library and museum in Desert Hot Springs
P-33-006848	N/A	Christensen Residence	Vernacular stone single family residence at 66036 Pierson Blvd. constructed before 1946
P-33-006849	N/A	Cliff's Shop	Vernacular wood frame structure built in 1951 as the first auto repair shop in Desert Hot Springs
P-33-006850	CA-RIV-12674	Desert Hot Springs School House	Vernacular wood frame structure built in 1935
P-33-006887	N/A	66011 1st Street	Vernacular adobe and stone structure with Pueblo Revival elements built in 1946
P-33-006888	N/A	66321 1stst Street	Vernacular wood frame single family residence built in 1935
P-33-006889	N/A	66029 1stst Street	Vernacular adobe and stone single family residence built in 1951
P-33-006890	N/A	66031 1stst Street	Vernacular adobe and stone single family residence built in 1935
P-33-006891	N/A	66435 1stst Street	Vernacular wood frame structure built in 1946 as the first fire hall/house in Desert Hot Springs
P-33-006892	N/A	66135 2ndst Street	Vernacular brick single family residence with Mediterranean/Spanish Revival elements built in 1946
P-33-006893	N/A	66191 2ndst Street	Vernacular wood frame single family residence built in 1941

Table 6. Previous Cultural Resources within the Study Area

Primary Number	Trinomial	Resources Name	Resource Description
P-33-006894	N/A	66385 2ndst Street	Vernacular wood frame single family residence built in 1940
P-33-006895	N/A	66041 3rd^{t} Street	Vernacular wood frame and stone single family residence built in 1946
P-33-006896	N/A	66050 3rd^{t} Street	Vernacular stone single family residence built in 1946
P-33-006897	N/A	66164 3rd^{t} Street	Vernacular wood frame single family residence built in 1945
P-33-006898	N/A	66174 3rd^{t} Street	Vernacular brick single family residence built in 1949
P-33-006899	N/A	66369 3rd^{t} Street	Vernacular adobe single family residence with Mediterranean/Spanish Revival elements built in 1946
P-33-006900	N/A	66094 4th Street	Vernacular wood frame single family residence with a Moorish dome built in 1950
P-33-006901	N/A	66125 4th Street	Vernacular wood frame single family residence built in 1946
P-33-006902	N/A	66414 4th Street	Vernacular single family residence with Mediterranean/Spanish Revival elements built in 1945
P-33-006903	N/A	66451 4th Street	Vernacular single family residence with Mediterranean/Spanish Revival elements built in 1949
P-33-006904	N/A	66115 5th Street	Vernacular wood frame single family residence built in 1950
P-33-006905	N/A	66220 Sixth Street	Vernacular brick/Pueblo Revival single family residence built in 1943
P-33-006906	N/A	66041 8th Street	Vernacular adobe single family residence with Mediterranean/Spanish Revival elements built in 1946
P-33-006907	N/A	66201 8th Street	Vernacular stone single family residence built in 1949
P-33-006908	N/A	66309 8th Street	Vernacular wood frame duplex built in 1942
P-33-008409	N/A	Palm Drive	Historic segment between Dillion Road and West 16th Street built in the 1930s
P-33-014810	N/A	66146 Pierson Boulevard	Modern style single family residence built in 1948
P-33-024248	CA-RIV-011907	Early 1900s refuse scatter	Artifacts represent a single dumping episode. The site was removed in 2016-2017 and no longer exists
P-33-026629	CA-RIV-012533	1935-1960 refuse scatter	Artifacts represent a single dumping episode
P-33-026642	CA-RIV-012546	1935-1960 refuse scatter	Artifacts represent a single dumping episode
P-33-026643	CA-RIV-012547	1935-1960 refuse scatter	Artifacts represent a single dumping episode
P-33-026684	CA-RIV-012575	1935-1960 refuse scatter	Artifacts represent a single dumping episode
P-33-026869	N/A	1930-1975 hole-in-top can	Historic isolate
P-33-026870	N/A	1930-1975 hole-in-top can	Historic isolate
P-33-026871	N/A	1935-1950s beverage can	Historic isolate
P-33-028295	CA-RIV-012760	1950s refuse scatter	Artifacts represent a single dumping episode

Source: Appendix D

No archaeological resources were identified within the Project Area or immediate vicinity as a result of the records search. The resources located within the one-mile study area of the Project lack integrity and all have been recommended not eligible for listing in the National Register of Historic Places (NRHP) or the California Register of Historic Resources (CRHR).

On September 26, 2019, Dudek (on behalf of the Desert Hot Springs Public Works Department) requested a Sacred Land File (SLF) search from the Native American Heritage Commission (NAHC). On October 15, 2019, the NAHC responded to the request indicating the result of the SLF search was positive and suggested the DHS Public Works Department contact 14 tribes (21 total contacts including tribal representatives) that may have interest in or knowledge of tribal cultural resources within the project site and vicinity. These tribes or tribal representatives include the Agua Caliente Band of Cahuilla Indians, the Augustine Band of Cahuilla Mission Indians, the Cabazon Band of Mission Indians, the Cahuilla Band of Indians, the Los Coyotes Band of Cahuilla and Cupeño Indians, the Morongo Band of Mission Indians, the Ramona Band of Cahuilla, the San Fernando Band of Mission Indians, the San Manuel Band of Mission Indians, the Santa Rosa Band of Cahuilla Indians, the Serrano Nation of Mission Indians, the Soboba Band of Luiseno Indians, the Torres-Martinez Desert Cahuilla Indians, and the Twenty-Nine

Palms Band of Mission Indians. The City led the Assembly Bill 52 efforts and led consultation with these tribes. All tribal consultation records are on file at the DHS Public Works Department and consultation efforts are summarized in Section 3.12.1 of this IS/MND.

Intensive-level pedestrian archaeological survey did not result in the identification of any cultural resources within the project area. The Project Area is within a largely developed and previously disturbed area, which means much of the ground disturbance would be within areas of low sensitivity for cultural resources or archaeological deposits. However, despite the low probability of encountering archaeological deposits, it is always possible that such deposits exist subsurface.

Based on ongoing formal tribal consultation efforts by the City, pursuant to AB 52, and the possibility for presence of subsurface archaeological resources, five mitigation measures were recommended to reduce potential impacts associated with unknown subsurface archaeological or tribal cultural resources. **MM-CUL-1** would require all mitigation measures in this document and Conditions of Approval for the project to be implemented. **MM-CUL-2** would require archaeological and tribal monitoring during ground disturbing activities. **MM-CUL-3** outlines the process required for treatment and disposition of inadvertent finds. **MM-CUL-4** requires preparation of a Cultural Resources Monitoring Report upon completion of all ground-disturbing activities. **MM-CUL-5** outlines the required process in the event human remains are uncovered. With the implementation of **MM-CUL-1 through MM-CUL-5,** impacts associated with archaeological resources would be less than significant.

c) Would the project disturb any human remains, including those interred outside of dedicated cemeteries?

Less Than Significant Impact with Mitigation Incorporated. The discovery of human remains is always a possibility during ground disturbance. The State of California Health and Safety Code Section 7050.5, State CEQA Guidelines 15064.5(e), and California Public Resources Code (PRC) Section 5097.98 mandate the process to be followed in the unlikely event of an accidental discovery of any human remains in a location other than a dedicated cemetery. Specifically, in accordance with PRC 5097.98, the Riverside County Coroner must be notified within 24 hours of the discovery of potential human remains. The Coroner must then determine within two working days of being notified if the remains are subject to his or her authority. If the Coroner recognizes the remains to be Native American, he or she must contact the Native American Heritage Commission (NAHC) by phone within 24 hours, in accordance with PRC 5097.98. The NAHC then designates a Most Likely Descendant (MLD) with respect to the human remains within 48 hours of notification. The MLD would then have the opportunity to recommend to the project proponent means for treating or disposing, with appropriate dignity, the human remains and associated grave goods within 24 hours of notification. This requirement is incorporated as **MM CUL-5**, in order to provide standard procedures in the event that human remains are encountered during proposed construction. With implementation of **MM CUL-5**, impacts to human remains would be less than significant.

3.5.3 Mitigation Measures

MM-CUL-1 The applicant/developer shall implement all mitigation measures and monitoring program requirements outlined in the City's Mitigation Measures, Conditions of Approval or associated project Environmental Documents.

MM-CUL-2 Prior to any project grading, excavation and/or ground disturbing activities, the Project Applicant shall retain an Registered Professional Archaeologist as an Archaeological Monitor, to be overseen by an archaeologist meeting Secretary of Interior Standards (Project Archaeologist), and designated

Native American Monitors from the consulting tribe(s)(Tribal Monitor) to observe initial ground disturbing activities (including vegetation removal and grading) on a part-time schedule. A consulting tribe is defined as a tribe that initiated the AB 52 tribal consultation process for the Project, has not opted out of the AB 52 consultation process, and has completed AB 52 consultation with the City as provided for in Cal Pub Res Code Section 21080.3.2(b)(1) of AB52. The Archaeological Monitor and Tribal Monitor will be present onsite two days per week of initial ground disturbance. Should buried cultural resources be encountered, the monitors may request that ground disturbance halt within 100 feet of the find. If found to be archaeological in nature by the Archaeological Monitor, or found to be a Tribal Cultural Resource as defined by Pub Resources Code § 21074 (a), the following additional action will be taken:

a) In the case that the resource is an isolate, defined as two or less artifacts or artifacts in a secondary context, the Archaeological Monitor will evaluate the significance of the find in consultation with the City and the consulting Tribe. The Archaeological Monitor will verify there are no other associated features or artifacts, and will then map the isolate's location and document the artifact in accordance with the State of California Department of Parks and Recreation (DPR) 523 series forms. Isolates will not be collected unless they are exceptional diagnostic artifacts, or determined significant in coordination with the consulting tribe(s). Examples of isolates that would be collected and temporarily curated include, but are not limited to projectile points, beads, pendants, and ceramic rim sherds. All analysis of recovered items shall be limited to basic recordation. Any additional analysis shall be limited to non-destructive methods. Resources shall be temporarily curated in a secure location onsite or at the offices of the project archaeologist. The removal of any artifacts from the project site will need to be thoroughly inventoried with tribal monitor oversite of the process.

b) In the case that the resource is a site, defined as three or more artifacts within a 30 meter area that retain locational integrity of context, or found to be a Tribal Cultural Resource as defined by Pub Resources Code § 21074 (a), the Archaeological Monitor will establish a 100-foot avoidance buffer around the find and will notify the Project Archaeologist. The Project Archaeologist will evaluate the significance of the find in consultation with the City and the consulting Tribe. Identified resources will then map the isolate's location and document the artifact in accordance with the State of California Department of Parks and Recreation (DPR) 523 series forms. If necessary, the Project Archaeologist will prepare a mitigation plan for submission to the City describing recommended preservation or mitigation of the resource, possibly including avoidance or data recovery, and relocation of the resource. Only after the City approves of the mitigation plan and the resource is appropriately managed, will construction within the 100 buffer recommence. If the resource may be eligible as a Tribal Cultural Resource, as determined by the City in consultation with the Tribe.

MM-CUL-3 **Treatment and Disposition of Inadvertently Discovered Tribal Cultural Resources.** In the event that Tribal Cultural Resources including sacred items, burial goods, and all archaeological artifacts are inadvertently discovered during the course of grading for this project, the following procedures will be carried out for treatment and disposition of the discoveries:

1. Temporary Curation and Storage: During the course of construction, all discovered resources shall be temporarily curated in a secure location onsite or at the offices of the

project archaeologist. The removal of any artifacts from the project site will need to be thoroughly inventoried with tribal monitor oversite of the process; and

2. Treatment and Final Disposition: Ownership shall be relinquished for all Tribal Cultural Resources, including sacred items, burial goods, and all archaeological artifacts and non-human remains as part of the required mitigation for impacts to cultural resources. The applicant shall relinquish the artifacts through one or more of the following methods and provide the City of Riverside Community and Economic Development Department with evidence of same:

    a) Preservation-In-Place of the cultural resources, if feasible. Preservation in place means avoiding the resources, leaving them in the place they were found with no development affecting the integrity of the resources. This will require revisions to the grading plan, denoting the location and avoidance of the resource.

    b) Accommodate the process for onsite reburial of the discovered items with the consulting Native American tribes or bands. This shall include measures and provisions to protect the future reburial area from any future impacts. Reburial shall not occur until all cataloguing and basic recordation have been completed; location information regarding the reburial location shall be included into the final report required under MM-CUL-5. Copies of the report shall be provided to the City for their records, the Consulting Tribe(s), and the Eastern Informational Center.

    c) A curation agreement with an appropriate qualified repository within Riverside County that meets federal standards per 36 CFR Part 79 and therefore would be professionally curated and made available to other archaeologists/researchers for further study. The collections and associated records shall be transferred, including title, to an appropriate curation facility within Riverside County, to be accompanied by payment of the fees necessary for permanent curation:

MM-CUL-4 A Final Cultural Resources Monitoring Report shall be submitted to the City, Eastern Information Center (EIC), and the Consulting Tribe(s) at the conclusion of the Project. The report will include a summary of the monitored activities conducted by the Archaeological Monitor and the Tribal Monitor. The report will include:

a) How each mitigation measure was fulfilled
b) All daily logs from Archaeological Monitors
c) Any DPR forms for inadvertent discoveries
d) Reburial locations for final disposition of recovered Tribal Cultural Resources and items of Cultural Patrimony

A draft of the Final Report must be submitted to the City within 6 weeks of the completion of all ground disturbing activities, as required by the City. The Final report must be submitted to the City within 30 days of receiving any comments from the City. All DPR forms will be submitted to the EIC after City approval.

MM-CUL-5 In the event that human remains (or remains that may be human) are discovered at the project site during grading or earthmoving, the construction contractors, Project Archaeologist, and/or designated Tribal Monitor shall immediately stop all activities within 100 feet of the find. The

project proponent shall then inform the Riverside County Coroner and the City of Desert Hot Springs immediately, and the coroner shall be permitted to examine the remains as required by California Health and Safety Code Section 7050.5(b). Section 7050.5 requires that excavation be stopped in the vicinity of discovered human remains until the coroner can determine whether the remains are those of a Native American. If human remains are determined as those of Native American origin, the applicant shall comply with the state relating to the disposition of Native American burials that fall within the jurisdiction of the Native American Heritage Commission (NAHC) (PRC Section 5097). The coroner shall contact the NAHC to determine the most likely descendant(s) (MLD). The MLD shall complete his or her inspection and make recommendations or preferences for treatment within 48 hours of being granted access to the site. The disposition of the remains shall be overseen by the MLD(s) to determine the most appropriate means of treating the human remains and any associated grave artifacts. The specific locations of Native American burials and reburials will be proprietary and not disclosed to the general public. In the event that the project proponent and the MLD are in disagreement regarding the disposition of the remains, State law will apply and the median and decision process will occur with the NAHC (see Public Resources Code Section 5097.98(e) and 5097.94(k)).

3.6 Energy

3.6.1 Environmental Setting

Existing Conditions

Electricity

Southern California Edison (SCE) is the utility providers in the area surrounding the project site. According to the California Energy Commission, SCE customers consumed approximately 84 billion kilowatt-hours of electricity and MVU customers consumed approximately 193 million kilowatt-hours in 2018 (CEC 2019a). SCE receives electric power from a variety of sources. According to the 2017 Power Content Label, 29% of SCE's power came from renewable energy sources in 2017, including biomass/waste, geothermal, hydroelectric, solar, and wind sources (CEC 2018).

Natural Gas

Southern California Gas (SoCalGas) serves the area surrounding the project site. SoCalGas serves 21.8 million customers in a 24,000-square-mile service area that includes over 500 communities (SoCalGas 2019). In 2018 (the most recent year for which data is available), SoCalGas delivered 5,156 million therms of natural gas, with the majority going to residential uses (CEC 2019b). Demand for natural gas can vary depending on factors such as weather, price of electricity, the health of the economy, environmental regulations, energy-efficiency programs, and the availability of alternative renewable energy sources. Natural gas is available from a variety of in-state and out-of-state sources and is provided throughout the state in response to market supply and demand.

Petroleum

Transportation accounts for the majority of California's total energy consumption (CEC 2018). There are more than 35 million registered vehicles in California, and those vehicles consume an estimated 17 billion gallons of fuel each year (DMV 2019). However, technological advances, market trends, consumer behavior, and government policies

could result in significant changes in fuel consumption by type and in total. At the federal and state levels, various policies, rules, and regulations have been enacted to improve vehicle fuel efficiency, promote the development and use of alternative fuels, reduce transportation-source air pollutants and GHG emissions, and reduce vehicle miles traveled.

3.6.2 Impact Analysis

	Potentially Significant Impact	Less Than Significant Impact With Mitigation Incorporated	Less Than Significant Impact	No Impact
VI. Energy – Would the project:				
a) Result in potentially significant environmental impact due to wasteful, inefficient, or unnecessary consumption of energy resources, during project construction or operation?	☐	☐	☒	☐
b) Conflict with or obstruct a state or local plan for renewable energy or energy efficiency?	☐	☐	☒	☐

a) Would the project result in potentially significant environmental impact due to wasteful, inefficient, or unnecessary consumption of energy resources, during project construction or operation?

Less Than Significant Impact. The short-term construction and long-term operation of the proposed project will require the consumption of energy resources in several forms at the project site and within the project area. Construction and operational energy consumption are evaluated in detail below.

Electricity

Construction Use

Temporary electric power for as-necessary lighting and electronic equipment such as computers inside temporary construction trailers would be provided by SCE. The electricity used for such activities would be temporary and would have a negligible contribution to the project's overall energy consumption.

Operational Use

Project operation would require electricity for multiple purposes including building heating and cooling, lighting, appliances, electronics, and water and wastewater conveyance. The estimation of operational building energy was based on the applicant-provided forecasted annual electricity consumption estimate of 64,704 kilowatt-hours (kWh). Supply, conveyance, treatment, and distribution of water for the project would also require the use of electricity. Similarly, wastewater generated by the project would require the use of electricity for conveyance and treatment. Water consumption estimates for both indoor (169,979 gallons per year) and outdoor (5,253.370 gallons per year) water use were provided by the project applicant, and associated electricity consumption from water use and wastewater generation were estimated using CalEEMod. Table 7, Project Operations – Electricity Demand, presents the electricity demand for the project.

Table 7. Project Operations – Electricity Demand

Project Facility	kWh/year
Project	64,704
Water/Wastewater	57,428
Total	122,132

Source: Appendix B
Notes: kWh = kilowatt-hour.

For comparison, electricity demand for Riverside County in 2018 was 15,981 million kWh (CEC 2018a). The proposed project would result in a minimal increase in electricity consumption. Impacts related to operational electricity use would therefore be less than significant.

Natural Gas

Construction Use

Natural gas is not anticipated to be required during construction of the proposed project. Fuels used for construction would primarily consist of diesel and gasoline, which are discussed below under the "petroleum" subsection. Any minor amounts of natural gas that may be consumed as a result of project construction would have a negligible contribution to the project's overall energy consumption.

Operational Use

Natural gas consumption during operation would be required for various purposes, including building heating and cooling and cooking. For building consumption, default natural gas generation rates in CalEEMod for the proposed project land uses and climate zone were used. Table 8, Project Operations – Natural Gas Demand, presents the natural gas demand for the proposed project

Table 8. Project Operations – Natural Gas Demand

Project Facility	kBtu/year
Fast Food Restaurant	153,126

Source: Appendix B
Notes: kBtu = thousand British thermal units.

As shown in Table 8, the project would consume approximately 153,126 thousand British thermal units (kBtu) per year. For comparison, in 2018 SoCalGas delivered approximately 398.5 million therms (398.5 billion kBtu) to Riverside County (CEC 2018b). The proposed project is subject to statewide mandatory energy requirements as outlined in Title 24, Part 6, of the California Code of Regulations. Title 24, Part 11, contains additional energy measures that are applicable to proposed project under the California Green Building Standards Code (CALGreen). Impacts related to operational natural gas use would be less than significant.

Petroleum

Construction Use

Heavy-duty construction equipment associated with construction activities would rely on diesel fuel, as would haul and vendor trucks involved in delivery of materials to the project site. Construction workers would travel to and from the project site throughout the duration of construction. It is assumed in this analysis that construction workers would travel to and from the site in gasoline-powered light-duty vehicles.

Heavy-duty construction equipment of various types would be used during each phase of project construction. Appendix B lists the assumed equipment usage for each phase of construction. The project's construction equipment is estimated to operate a total combined 11,920 hours.

Fuel consumption from construction equipment was estimated by converting the total carbon dioxide (CO_2) emissions from each construction phase to gallons using the conversion factors for CO_2 to gallons of gasoline or diesel. The conversion factor for gasoline is 8.78 kilograms per metric ton CO_2 per gallon, and the conversion factor for diesel is 10.21 kilograms per metric ton CO_2 per gallon (The Climate Registry 2019). The estimated diesel fuel usage from construction equipment is shown in Table 9, Construction Equipment Diesel Demand.

Table 9. Construction Equipment Diesel Demand

Phase	Pieces of Equipment	Equipment CO2 (MT)	Kg CO2/Gallon	Gallons
Demolition	6	51.00	10.21	4,994.90
Site Preparation	7	33.43	10.21	3,274.30
Grading	6	156.35	10.21	15,313.64
Building Construction	9	34.74	10.21	3,402.69
Paving	6	30.04	10.21	2,942.44
Architectural Coating	1	2.55	10.21	250.08
			Total	**30,178.05**

Sources: Pieces of equipment and equipment CO_2 (Appendix B); kg CO_2/Gallon (The Climate Registry 2019).
Notes: CO_2 = carbon dioxide; MT = metric ton; kg = kilogram.

Fuel estimates for total worker, vendor, and haul truck fuel consumption are provided in Table 10, Construction Worker, Vendor, and Haul Truck Petroleum Demand.

Table 10. Construction Worker, Vendor, and Haul Truck Petroleum Demand

Phase	Trips	Vehicle MT CO_2	Kg CO_2/ Gallon	Gallons
Worker Vehicles (Gasoline)				
Demolition	480	3.18	8.78	361.70
Site Preparation	360	2.38	8.78	271.28
Grading	1,920	12.70	8.78	1,446.79
Building Construction	4,320	28.58	8.78	3,255.26
Paving	480	3.18	8.78	361.70
Architectural Coating	600	3.97	8.78	452.12
			Total	**6,148.84**
Vendor Trucks (Diesel)				
Demolition	0	0.00	10.21	0.00
Site Preparation	0	0.00	10.21	0.00
Grading	0	0.00	10.21	0.00
Building Construction	1,680	22.99	10.21	2,251.34
Paving	0	0.00	10.21	0.00
Architectural Coating	0	0.00	10.21	0.00

Table 10. Construction Worker, Vendor, and Haul Truck Petroleum Demand

Phase	Trips	Vehicle MT CO_2	Kg CO_2/ Gallon	Gallons
			Total	2,251.34
Haul Trucks (Diesel)				
Demolition	18	0.68	10.21	66.52
Site Preparation	0	0.00	10.21	0.00
Grading	626	23.62	10.21	2,313.44
Building Construction	0	0.00	10.21	0.00
Paving	0	0.00	10.21	0.00
Architectural Coating	0	0.00	10.21	0.00
			Total	2,379.96

Sources: Trips and vehicle CO_2 (Appendix B); kg CO2/Gallon (The Climate Registry 2019).
Notes: MT = metric ton; CO_2 = carbon dioxide; kg = kilogram.

In summary, construction of the project is conservatively anticipated to consume 6,149 gallons of gasoline and 34,809 gallons of diesel over a period of approximately 12 months. For comparison, approximately 20 billion gallons of petroleum will likely be consumed in California over the course of the proposed project's construction phase, based on the California daily petroleum consumption estimate of approximately 78.6 million gallons per day (EIA 2017). Overall, because petroleum use during construction would be temporary, and would not be wasteful or inefficient, impacts would be less than significant.

Operational Use

The fuel consumption resulting from the project's operational phase would be attributable to employees and visitors traveling to and from the project site. Petroleum fuel consumption associated with motor vehicles traveling to and from the project site during operation is a function of vehicle miles traveled (VMT). As shown in Appendix B, the annual VMT attributable to the project is expected to be 1,241,798 VMT per year. Similar to construction worker and truck trips, fuel consumption for operation is estimated by converting the total CO_2 emissions from VMT to gallons using the conversion factors for CO_2 to gallons of gasoline or diesel. Based on the default CalEEMod vehicle mix and the countywide proportion of gasoline and diesel on-road vehicle VMT, the vehicles associated with project operations would likely be approximately 93% gasoline powered and 7% diesel powered vehicles. The estimated fuel use from vehicles traveling to and from the project site during operation is shown in Table 11, Project Operations – Petroleum Consumption.

Table 11. Project Operations – Petroleum Consumption

Fuel	Vehicle MT CO_2	kg CO_2/Gallon	Gallons
Gasoline	494.40	8.78	53,309.64
Diesel	40.19	10.21	3,936.77

Source: Appendix B and Appendix G
Notes: CO_2 = carbon dioxide; kg = kilogram; MT = metric ton

As depicted in Table 11, project operation would result in approximately 60,246 gallons of petroleum fuel usage per year. This is a conservative estimate, since it does not account for usage of electric vehicles (EVs). By comparison, California as a whole consumes approximately 28.7 billion gallons of petroleum per year (EIA 2017).

Over the lifetime of the project, the fuel efficiency of vehicles is expected to increase. As such, the amount of petroleum consumed as a result of vehicular trips to and from the project site during operation is expected to decrease over time. There are numerous regulations in place that require and encourage increased fuel efficiency, such as efforts to accelerate the number of plug-in hybrids and zero-emissions vehicles in California and increasingly stringent emissions standards (CARB 2013). As such, operation of the project is expected to use decreasing amounts of petroleum over time due to advances in fuel economy. Impacts related to operational petroleum use would therefore be less than significant.

In summary, although the project would increase energy use, the use would be a small fraction of the statewide use and, due to efficiency increases, is expected to diminish over time (particularly with respect to petroleum). Given these considerations, energy consumption associated with the project would not be considered inefficient or wasteful and would result in a less than significant impact. No mitigation is required.

b) Would the project conflict with or obstruct a state or local plan for renewable energy or energy efficiency?

Less Than Significant Impact. The proposed project would be subject to state regulations for energy efficiency, namely, California's Building Energy Efficiency Standards and CALGreen, both of which are set forth in the California Code of Regulations, Title 24. California's Building Energy Efficiency Standards were established in 1978 and serve to enhance and regulate California's building standards. These standards include regulations for residential and nonresidential buildings constructed in California to reduce energy demand and consumption. The Building Energy Efficiency Standards are updated periodically (every 3 years) to incorporate and consider new energy efficiency technologies and methodologies. CALGreen institutes mandatory minimum environmental performance standards for all ground-up, new construction of commercial, low-rise residential, and state-owned buildings, as well as schools and hospitals. The 2016 CALGreen standards became effective on January 1, 2017. The new 2019 standard become effective on January 1, 2020. The proposed project would meet Building Energy Efficiency Standards and CALGreen standards to reduce energy demand and increase energy efficiency.

At a regional level, the proposed project would be subject to the policies set forth in SCAG's 2016 RTP/SCS. The RTP/SCS is a regional growth-management strategy that targets per-capita GHG reduction from passenger vehicles and light-duty trucks in the Southern California region pursuant to Senate Bill (SB) 375. In addition to demonstrating the region's ability to attain and exceed the GHG emission-reduction targets set forth by CARB, the 2016 RTP/SCS outlines a series of actions and strategies for integrating the transportation network with an overall land use pattern that responds to projected growth, housing needs, changing demographics, and transportation demands. Thus, successful implementation of the 2016 RTP/SCS would result in more complete communities with a variety of transportation and housing choices, while reducing automobile use. With regard to individual developments, such as the project, the strategies and policies set forth in the 2016 RTP/SCS include improved energy efficiency. The 2016 RTP/SCS goal is to actively encourage and create incentives for energy efficiency, where possible. As discussed previously, the project would comply with the 2019 CALGreen standards. For these reasons, the proposed project would be consistent with the SCAG 2016 RTP/SCS.

The proposed project would follow applicable energy standards and regulations during construction. In addition, the proposed project would be built and operated in accordance with all existing, applicable regulations at the time of construction. As such, the proposed project would not conflict with existing energy standards and regulations; therefore, impacts during construction and operation of the proposed project would be less than significant.

3.6.3 Mitigation Measures

No mitigation measures are required.

3.7 Geology and Soils

3.7.1 Environmental Setting

The project site is located in the northwestern portion of the Coachella Valley, a part of the Colorado Desert geomorphic province. Elevation at the project site ranges from 1,012 to 1031 feet above mean sea level (amsl). Surface drainage occurs via sheet flow from northwest to southeast.

Soils

One soil type is mapped in the study area: Carsitas fine sand, 0% to 5% slopes (USDA 2019). The Carsitas series consists of very deep, somewhat excessively drained soils that are formed in alluvium from granitoid and/or gneissic rocks. These soils are typically found on alluvial fans, valleys, and drainage ways (USDA 2019). This soil series make up the entirety of the study area, including the project site.

Seismicity

The project site is not located within a State of California Earthquake Fault Zone (DOC 1980). Hence, there are no active faults currently mapped within the project site. However, the Mission Creek segment of the San Andreas fault system is located approximately 0.64 miles northeast of the project site and the banning branch of the San Andreas fault system is located approximately 3 miles southwest of the project site (DOC 1980).

Paleontological Sensitivity

The project site is recognized as having low sensitivity for presence of paleontological resources, based on the geologic formations present in the area (Riverside County 2015). Areas recognized for having "Low" potential have a reduced likelihood of containing significant nonrenewable paleontological resources, including vertebrate or significant invertebrate fossils.

3.7.2 Impact Analysis

	Potentially Significant Impact	Less Than Significant Impact With Mitigation Incorporated	Less Than Significant Impact	No Impact
VII. GEOLOGY AND SOILS – Would the project:				
a) Directly or indirectly cause potential substantial adverse effects, including the risk of loss, injury, or death involving:				

	Potentially Significant Impact	Less Than Significant Impact With Mitigation Incorporated	Less Than Significant Impact	No Impact
i) Rupture of a known earthquake fault, as delineated on the most recent Alquist-Priolo Earthquake Fault Zoning Map issued by the State Geologist for the area or based on other substantial evidence of a known fault? Refer to Division of Mines and Geology Special Publication 42.	☐	☐	☐	☒
ii) Strong seismic ground shaking?	☐	☐	☒	☐
iii) Seismic-related ground failure, including liquefaction?	☐	☐	☒	☐
iv) Landslides?	☐	☐	☐	☒
b) Result in substantial soil erosion or the loss of topsoil?	☐	☐	☒	☐
c) Be located on a geologic unit or soil that is unstable, or that would become unstable as a result of the project, and potentially result in on- or off-site landslide, lateral spreading, subsidence, liquefaction or collapse?	☐	☐	☒	☐
d) Be located on expansive soil, as defined in Table 18-1-B of the Uniform Building Code (1994), creating substantial direct or indirect risks to life or property?	☐	☐	☒	☐
e) Have soils incapable of adequately supporting the use of septic tanks or alternative waste water disposal systems where sewers are not available for the disposal of waste water?	☐	☐	☐	☒
f) Directly or indirectly destroy a unique paleontological resource or site or unique geologic feature?	☐	☒	☐	☐

a) Would the project directly or indirectly cause potential substantial adverse effects, including the risk of loss, injury, or death involving:

i) Rupture of a known earthquake fault, as delineated on the most recent Alquist-Priolo Earthquake Fault Zoning Map issued by the State Geologist for the area or based on other substantial evidence of a known fault? Refer to Division of Mines and Geology Special Publication 42.

No Impact. The location of surface rupture generally can be assumed to be along an active or potentially active major fault trace. The damage from surface fault rupture is generally limited to a linear zone that is a few yards wide. No active or potentially active faults have been mapped on the project site (Riverside County 2019). The nearest fault is the Mission Creek segment of the San Andreas fault system, located approximately 0.64 miles northeast of the project site (DOC 1980). Therefore, the probability of damage from surface ground rupture is considered to be low.

In addition, the proposed project would include construction of a City park with sports fields. It would not include construction, nor would it indirectly foster the construction of, structures for human habitation..

ii) Strong seismic ground shaking?

Less Than Significant Impact. Although no known active faults bisect the project site, the project site is located in a seismically active area of Southern California and is expected to experience moderate to severe ground shaking during the lifetime of the proposed project (City of Desert Hot Springs 2000). In general, peak ground accelerations and seismic intensity values decrease with increasing distance from the causative fault. However, local site conditions, such as the top of ridges, may amplify the seismic waves generated by an earthquake, resulting in higher accelerations.

Although the project site is expected to experience moderate to severe ground shaking, the proposed project would include construction of a City park with sports fields, which would not directly or indirectly foster construction of structures for human habitation.

In addition, the proposed project would be constructed in a manner that reduces the risk of seismic hazards (Title 24, California Code of Regulations). The proposed project would be conditioned to comply with the most current seismic design coefficients, ground motion parameters, and all applicable provisions of the California Building Code (CBC).

iii) Seismic-related ground failure, including liquefaction?

Less Than Significant Impact. The project site is recognized as having moderate susceptibility to liquefaction (Riverside County 2019). Factors known to influence liquefaction include soil type, structure, grain size, relative density, confining pressure, depth to groundwater (typically occurs in the upper 50 feet), and the intensity and duration of ground shaking. Soils most susceptible to liquefaction are saturated, loose sandy soils and low plasticity clay and silt. The Mission Springs Water District (MSWD) 2015 Urban Water Management Plan estimated that groundwater levels within the Mission Creek Subbasin, in which the project site is located, average 300 feet below ground surface. In addition, the project site is not near any major water features that would result in increased moisture levels in surface soils on site.

Although the project site is located within a geologic unit with potential to become unstable during a seismic event, the proposed project would be required to adhere to all applicable local and regional design standards to meet state seismic design parameters as identified in the California Building Code.

iv) Landslides?

No Impact. The project site is on generally flat land, approximately 2 miles away from the base of the Little San Bernardino Mountains. The proposed project is not located within a landslide zone (DOC 2019). Based on the relatively flat topography and lack of any significant slopes in the vicinity of the project site, there is no potential for landslides.

b) Would the project result in substantial soil erosion or the loss of topsoil?

Less Than Significant Impact. In its existing condition, approximately 3.2 acres of the project site is utilized for the City's Corporate Yard, and about two acres of that area is paved. The remaining 6.8 acres of the project site is currently vacant, characterized by disturbed sandy soils with minimal vegetation. During construction of the project, soils would be disrupted during grading activities, exposure of uncovered soils,

thereby increasing the potential for wind or water-related erosion and sedimentation until the construction is completed.

During proposed construction, contractors would be required to comply with federal, state, and local requirements and guidelines to minimize the potential for soil erosion, including the NPDES General Permit for Stormwater Discharges Associated with Construction and Land Disturbance Activities, 2009-0009-DWQ, as amended by 2010-0014-DWQ (General Construction Permit) and each jurisdiction's stormwater permit. A Stormwater Pollution Prevention Plan (SWPPP) would be prepared, outlining BMPs to minimize stormwater pollution resulting from erosion and sediment migration from the construction areas. In addition, the proposed project must comply with SCAQMD Rule 403, through application of standard best management practices (BMPs), to minimize fugitive dust from the project site. Compliance with applicable federal, State and local regulations would ensure soil erosion, primarily during ground-disturbing construction activities, does not result in substantial loss of top soil.

c) Would the project be located on a geologic unit or soil that is unstable, or that would become unstable as a result of the project, and potentially result in on- or off-site landslide, lateral spreading, subsidence, liquefaction or collapse?

Less Than Significant Impact. As discussed in Section 3.7.2(a), based on topography and lack of significant slopes in the vicinity of the project site, there is low potential for liquefaction and no potential for landslides at the site. If seismically-induced liquefaction did occur, it could cause sand boiling, ground subsidence and failure, differential settlement, and lateral spreading of the ground. As discussed in Section 3.7.2 (a.iii), the proposed project would be designed and constructed to meet state seismic design parameters as identified in the California Building Code.

d) Would the project be located on expansive soil, as defined in Table 18-1-B of the Uniform Building Code (1994), creating substantial direct or indirect risks to life or property?

Less Than Significant Impact. The soil underlain the project site is comprised of sandy soil. These well-drained sandy soils have low water storage ability and low capacity to transmit water (NRCS 2019). Therefore, soil expansion is unlikely. In addition, the proposed project would be designed and constructed consistent with all applicable local and regional design standards which are required to adhere to state seismic design parameters identified in the California Building Code.

e) Would the project have soils incapable of adequately supporting the use of septic tanks or alternative waste water disposal systems where sewers are not available for the disposal of waste water?

No Impact. The use of septic tanks or other alternative wastewater disposal systems would not be a part of the proposed project.

f) Would the project directly or indirectly destroy a unique paleontological resource or site or unique geologic feature?

Less Than Significant Impact with Mitigation Incorporated. The project site and vicinity is within an area of low sensitivity for paleontological resources (Riverside County, 2015). This sensitivity classification is based on mapped geologic units in the area. The younger alluvial deposits present throughout the project site have low potential for paleontological sensitivity at the surface and shallow depths; however, despite the low probability of encountering archaeological deposits, it is always possible that such deposits exist

subsurface. Therefore, **MM GEO-1** is recommended to reduce potential impacts to unanticipated paleontological resources during ground-disturbing activities.

3.7.3 Mitigation Measures

MM GEO-1 Should construction/development activities uncover paleontological resources, work will be halted in that area and moved to other parts of the project site and a qualified paleontologist shall determine the significance of these resources. The paleontologist shall have authority to divert grading away from exposed fossils temporarily in order to recover the fossil specimens. If the find is determined to be significant, avoidance or other appropriate measures shall be implemented as recommended by the monitor.

3.8 Greenhouse Gas Emissions

3.8.1 Environmental Setting

Climate change refers to any significant change in measures of climate—such as temperature, precipitation, or wind patterns—lasting for an extended period of time (decades or longer). The Earth's temperature depends on the balance between energy entering and leaving the planet's system, and many factors (natural and human) can cause changes in Earth's energy balance. The greenhouse effect is the trapping and build-up of heat in the atmosphere (troposphere) near the Earth's surface. The greenhouse effect is a natural process that contributes to regulating the Earth's temperature, and it creates a livable environment on Earth. Human activities that emit additional Greenhouse Gas (GHG) emissions to the atmosphere that increase the amount of infrared radiation that gets absorbed before escaping into space, thus enhancing the greenhouse effect and causing the Earth's surface temperature to rise. Global climate change is a cumulative impact; a project contributes to this impact through its incremental contribution combined with the cumulative increase of all other sources of GHGs. Thus, GHG impacts are recognized exclusively as cumulative impacts (CAPCOA 2008).

A GHG is any gas that absorbs infrared radiation in the atmosphere; in other words, GHGs trap heat in the atmosphere. As defined in California Health and Safety Code Section 38505(g) for purposes of administering many of the state's primary GHG emissions reduction programs, GHGs include carbon dioxide (CO_2), methane (CH_4), nitrous oxide (N_2O), hydrofluorocarbons, perfluorocarbons, sulfur hexafluoride, and nitrogen trifluoride (see also 14 CCR 15364.5). The three GHGs evaluated for GHG emission impacts are CO_2, CH_4, and N_2O. Hydrofluorocarbons, perfluorocarbons, sulfur hexafluoride, and nitrogen trifluoride were not evaluated or estimated in this analysis because the proposed project would not generate them in measurable quantities.

Gases in the atmosphere can contribute to climate change both directly and indirectly.[2] The Intergovernmental Panel on Climate Change developed the global warming potential (GWP) concept to compare the ability of each GHG to trap heat in the atmosphere relative to another gas. The reference gas used is CO_2; therefore, GWP-weighted emissions are measured in metric tons (MT) of CO_2 equivalent (CO_2e). Consistent with CalEEMod Version 2016.3.2, this GHG emissions analysis assumed the GWP for CH_4 is 25 (emissions of 1 MT of CH_4 are equivalent to emissions

[2] Direct effects occur when the gas itself absorbs radiation. Indirect radiative forcing occurs when chemical transformations of the substance produce other GHGs, when a gas influences the atmospheric lifetimes of other gases, and/or when a gas affects atmospheric processes that alter the radiative balance of the Earth (e.g., affect cloud formation or albedo) (EPA 2017).

of 25 MT of CO_2), and the GWP for N_2O is 298, based on the Intergovernmental Panel on Climate Change Fourth Assessment Report (IPCC 2007).

3.8.2 Impact Analysis

	Potentially Significant Impact	Less Than Significant Impact With Mitigation Incorporated	Less Than Significant Impact	No Impact
VIII. GREENHOUSE GAS EMISSIONS – Would the project:				
a) Generate greenhouse gas emissions, either directly or indirectly, that may have a significant impact on the environment?	☐	☐	☒	☐
b) Conflict with an applicable plan, policy or regulation adopted for the purpose of reducing the emissions of greenhouse gases?	☐	☐	☒	☐

a) Would the project generate greenhouse gas emissions, either directly or indirectly, that may have a significant impact on the environment?

Short-Term Construction Emissions

Less Than Significant Impact. Construction of the project would result in GHG emissions, which are primarily associated with use of off-road construction equipment, on-road vendor and haul trucks, and worker vehicles. As previously stated, SCAQMD recommends that construction emissions be amortized over a 30-year project lifetime; therefore, the total construction GHG emissions were calculated, amortized over 30 years, and then compared to the SCAQMD operational GHG significance threshold of 1,400 MT CO_2e per year.

The CalEEMod was used to estimate GHG emissions during construction. Construction of the project is anticipated to last up to 12 months. On-site sources of GHG emissions include off-road equipment and off-site sources include on-road vehicles (haul trucks, vendor trucks, and worker vehicles). Table 12 presents construction GHG emissions for the project from on-site and off-site emission sources.

Table 12. Estimated Annual Construction Greenhouse Gas Emissions

Year	CO_2	CH_4	N_2O	CO_2e
	Metric Tons			
2020	409.39	0.10	0.00	411.86
Annualized emissions over 30 years (metric tons per year)				**13.73**

Source: Appendix B
Notes: CO2 = carbon dioxide; CH4 = methane; N2O = nitrous oxide; CO2e = carbon dioxide equivalent.

As shown in Table 12, the estimated total GHG emissions during construction would be approximately 412 MT CO_2e. Estimated project-generated construction emissions amortized over 30 years would be approximately 14 MT CO_2e per year. As with project-generated construction air quality pollutant emissions, GHG emissions generated during construction of the project would be short-term in nature, lasting only for the duration of the construction period, and would not represent a long-term source of GHG emissions.

Because there is no separate GHG threshold for construction, the evaluation of significance is determined by adding the amortized construction emissions to the operational emissions and comparing them to the operational threshold.

Long-Term Operational Emissions

Less Than Significant Impact. CalEEMod was used to estimate potential project-generated operational GHG emissions from area sources (landscape maintenance), energy sources (natural gas and electricity), mobile sources, solid waste, and water supply and wastewater treatment. Emissions from each category are discussed in the following text with respect to the project. Operational year 2021 was assumed as the first full year of operation.

Area Sources

CalEEMod was used to estimate GHG emissions from the project's area sources, which include operation of gasoline-powered landscape maintenance equipment, which produce minimal GHG emissions. See Section 3.3.2(b) for a discussion of landscaping equipment emissions calculations. Consumer product use and architectural coatings result in VOC emissions, which are analyzed in the air quality analysis only, and little to no GHG emissions.

Energy Sources

The estimation of operational energy emissions was based on CalEEMod land use defaults and units or total area (i.e., square footage) of the project's land uses. For nonresidential buildings, CalEEMod energy intensity value (electricity or natural gas usage per square foot per year) assumptions were based on the California Commercial End-Use Survey database. Emissions are calculated by multiplying the energy use by the utility carbon intensity (pounds of GHGs per kilowatt-hour for electricity or 1,000 British thermal units for natural gas) for CO_2 and other GHGs. Annual natural gas (non-hearth) and electricity emissions were estimated in CalEEMod using the emissions factors for SCE, which would be the energy source provider for the project. The project has no natural gas connection to the site and will not use natural gas. CalEEMod default assumptions were used for electricity use. The CalEEMod default natural gas use was converted to electricity to account for the additional electricity load.

Mobile Sources

All details for criteria air pollutants discussed in Section 3.3.2(b) are also applicable for the estimation of operational mobile source GHG emissions. Regulatory measures related to mobile sources include AB 1493 (Pavley) and related federal standards. AB 1493 required that CARB establish GHG emission standards for automobiles, light-duty trucks, and other vehicles determined by CARB to be vehicles that are primarily used for noncommercial personal transportation in the state. In addition, the National Highway Traffic Safety Administration and U.S. Environmental Protection Agency have established corporate fuel economy standards and GHG emission standards, respectively, for automobiles and light-, medium-, and heavy-duty vehicles. Implementation of these standards and fleet turnover (replacement of older vehicles with newer ones) will gradually reduce emissions from the project's motor vehicles. The effectiveness of fuel economy improvements was evaluated by using the CalEEMod emission factors for motor vehicles in 2021 to the extent it was captured in EMFAC 2014.

The Low Carbon Fuel Standard calls for a 10% reduction in the carbon intensity of motor vehicle fuels by 2020, which would further reduce GHG emissions. However, the carbon intensity reduction associated with

the Low Carbon Fuel Standard was not assumed in EMFAC 2014 and thus was not included in CalEEMod Version 2016.3.2 or the following calculations.

Solid Waste

The project would generate solid waste and therefore would result in CO_2e emissions associated with landfill off gassing. CalEEMod default values for solid waste generation were used to estimate GHG emissions associated with solid waste. Per AB 341 (requiring mandatory commercial recycling beginning July 1, 2012), a 50% diversion rate has been included in the GHG assessment.

Water and Wastewater

Supply, conveyance, treatment, and distribution of water for the project require the use of electricity, which would result in associated indirect GHG emissions. Similarly, wastewater generated by the project requires the use of electricity for conveyance and treatment, along with GHG emissions generated during wastewater treatment. Water consumption estimates for both indoor and outdoor water use and associated electricity consumption from water use and wastewater generation were estimated using CalEEMod default values. Table 13 presents the GHG emissions of the project during operation.

Table 13. Estimated Annual Operation Greenhouse Gas Emissions

Emissions Source	CO_2	CH_4	N_2O	CO_2e
	Metric Tons per Year			
Area	0.00	0.00	0.00	0.00
Energy	28.79	0.00	0.00	28.91
Mobile	534.59	0.03	0.00	535.25
Waste	0.69	0.04	0.00	1.72
Water	19.36	0.01	0.00	19.60
Amortized construction emissions	—	—	—	13.73
			Total	**599.21**
			SCAQMD Threshold	*1,400.00*
			Threshold Exceeded?	**No**

Source: Appendix B
Notes: CO_2 = carbon dioxide; CH_4 = methane; N_2O = nitrous oxide; CO_2e = carbon dioxide equivalent; SCAQMD = South Coast Air Quality Management District.

As shown in Table 13, the estimated total GHG emissions during operation of the project would be approximately 599 MT CO_2e, including amortized construction emissions. The project would not exceed the SCAQMD threshold of 1,400 MT CO_2e per year. Projects below this significance criterion have a minimal contribution to global emissions and are considered to have less than significant impacts. Therefore, operational impacts associated with directly or indirectly generating a significant quantity of GHG emissions would be less than significant.

b) Would the project generate conflict with an applicable plan, policy or regulation adopted for the purpose of reducing the emissions of greenhouse gases?

Less Than Significant Impact. The following information supports this impact conclusion.

Consistency with the City of Desert Hot Springs's Climate Action Plan

The City's Climate Action Plan (CAP) is not a qualified GHG reduction plan according to CEQA Guidelines, Section 15183.5, and, thus, cannot be used in a cumulative impacts analysis to determine significance. Therefore, this discussion of consistency is for informational purposes only. Table 14 provides an overview of the measures and goals within the CAP that are applicable to the project and the project's consistency with them. As shown in Table 14, the project does not conflict with any of the GHG reducing measures or goals within the CAP and, thus, is consistent with the plan. It should also be noted that the proposed project would not inhibit the City from implementing any of the measures not listed in Table 14 because they do not apply to the project.

Table 14. Project Consistency with the Climate Action Plan GHG Emission Reduction Strategies

Sphere	Climate Action Plan Measure	Project Consistency
Where we live – 14	**Solid Waste Diversion:** Increase solid waste diversion rate by an additional 10% to 78.1% by 2020 potentially through awareness programs, recognition, tiered rate structures, and other financial instruments.	**Consistent.** The Project would divert its solid waste in accordance with state and local regulations.
How we build – 4	**Green Building Program:** Promote the voluntary Green Building Program to prepare for enhanced Title 24 requirements and green building standards.	**Consistent.** The Project would be constructed in accordance with the building code adopted at the time of construction.
How we build – 5	**Green Building Support Services:** Advance the Voluntary Green Building Program to mandatory green building requirement with technical support services.	**Consistent.** The Project would be constructed in accordance with the building code adopted at the time of construction.
How we get around – 14	**Anti-Idling:** Pass ordinance that restricts idling of greater than 5 minutes for all commercial vehicles in specific zones. In accordance with CARB rules regarding idling of commercial Vehicles.	**Consistent.** The Project's vehicles will limit idling during construction to no longer than 5 minutes.
RECREATE-4	**Ball Field Lighting Timers**: Promote the installation of timers for all ballfield or recreational lighting at schools and city facilities.	**Consistent.** The project will include lighting timers for the parks in order to reduce unnecessary use of energy.
RECREATE-8	**Irrigation System Controls:** Promote the installation of irrigation control sensors at parks, recreational facilities and golf courses.	**Consistent.** The project will include the use of an irrigation control system to manager watering of the park.

Source: City of Desert Hot Springs 2013a.

Consistency with the SCAG's 2016–2040 Regional Transportation Plan and the 2016 SCAQMD AQMP

SCAG's 2016 RTP/SCS is a regional growth-management strategy that targets per-capita GHG reduction from passenger vehicles and light-duty trucks in the Southern California region. The 2016 RTP/SCS incorporates local land use projections and circulation networks in city and county general plans. Typically, a project would be consistent with the RTP/SCS if the project does not exceed the underlying growth assumptions within the RTP/SCS. Because the project is not growth inducing, this type of consistency

analysis does not apply. The project would not conflict with most of the goals within SCAG's 2016 RTP/SCS. The project would conflict with the goal to improve air quality and GHG in the region. However, as shown in Sections 3.3(b) and 3.7(a), the project would not exceed any SCAQMD thresholds and would not result in a substantial amount of air pollutant or GHG emissions.

While striving to achieve the NAAQS for O_3 and $PM_{2.5}$ and the CAAQS for O_3, PM_{10}, and $PM_{2.5}$ through a variety of air quality control measures, the SCAQMD 2016 AQMP also accommodates planned growth in the SSAB. Projects are considered consistent with, and would not conflict with or obstruct implementation of, the AQMP if the growth in socioeconomic factors (e.g., population, employment) is consistent with the underlying regional plans used to develop the AQMP (per Consistency Criterion No. 2 of the SCAQMD CEQA Air Quality Handbook). As discussed in Section 3.3(a), the demographic growth forecasts for various socioeconomic categories (e.g., population, housing, employment by industry) developed by SCAG for their 2016–2040 RTP/SCS, which are based on general plans for cities and counties in the SSAB, were used to estimate future emissions in the 2016 AQMP (SCAQMD 2017). Accordingly, the 2016 AQMP is generally consistent with local government plans. The project does not have growth-inducing components and thus would not conflict with the growth projections within the 2016 AQMP. Therefore, the project would be consistent with the goals of the 2016 AQMP.

Consistency with CARB's Scoping Plan

The Scoping Plan (approved by CARB in 2008 and updated in 2014 and 2017) provides a framework for actions to reduce California's GHG emissions and requires CARB and other state agencies to adopt regulations and other initiatives to reduce GHGs. The Scoping Plan is not directly applicable to specific projects; nor is it intended to be used for project-level evaluations.[3] Under the Scoping Plan, however, there are several state regulatory measures aimed at the identification and reduction of GHG emissions. CARB and other state agencies have adopted many of the measures identified in the Scoping Plan. Most of these measures focus on area source emissions (e.g., energy usage, high-global warming potential (GHGs in consumer products) and changes to the vehicle fleet (i.e., hybrid, electric, and more fuel-efficient vehicles) and associated fuels (e.g., Low Carbon Fuel Standard), among others.

The Scoping Plan recommends strategies for implementation at the statewide level to meet the goals of AB 32 and establishes an overall framework for the measures that will be adopted to reduce California's GHG emissions. Table 13 highlights measures that have been, or will be, developed under the Scoping Plan and presents the project's consistency with Scoping Plan measures. The project would comply with all regulations adopted in furtherance of the Scoping Plan to the extent required by law and to the extent that they are applicable to the project.

Table 15. Proposed Project Consistency with Scoping Plan GHG Emission Reduction Strategies

Scoping Plan Measure	Measure Number	Proposed Project Consistency
Transportation Sector		
Advanced Clean Cars	T-1	*Consistent.* The project's employees and visitors would operate vehicles in compliance with CARB vehicle standards that are in effect at the time of vehicle purchase.

[3] The Final Statement of Reasons for the amendments to the CEQA Guidelines reiterates the statement in the Initial Statement of Reasons that "[t]he Scoping Plan may not be appropriate for use in determining the significance of individual projects because it is conceptual at this stage and relies on the future development of regulations to implement the strategies identified in the Scoping Plan" (CNRA 2009).

Table 15. Proposed Project Consistency with Scoping Plan GHG Emission Reduction Strategies

Scoping Plan Measure	Measure Number	Proposed Project Consistency
Low Carbon Fuel Standard	T-2	*Consistent.* Motor vehicles driven by the project's employees and visitors would use compliant fuels.
Regional Transportation-Related GHG Targets	T-3	*Not applicable.* The project would not prevent CARB from implementing this measure.
Advanced Clean Transit	—	*Not applicable.* The project would not prevent CARB from implementing this measure.
Last-Mile Delivery	—	*Not applicable.* The project would not prevent CARB from implementing this measure.
Reduction in VMT	—	*Not applicable.* The project would not prevent CARB from implementing this measure.
Vehicle Efficiency Measures 1. Tire Pressure 2. Fuel Efficiency Tire Program 3. Low-Friction Oil 4. Solar-Reflective Automotive Paint and Window Glazing	T-4	*Not applicable.* The project would not prevent CARB from implementing this measure.
Ship Electrification at Ports (Shore Power)	T-5	*Not applicable.* The project would not prevent CARB from implementing this measure.
Goods Movement Efficiency Measures 1. Port Drayage Trucks 2. Transport Refrigeration Units Cold Storage Prohibition 3. Cargo Handling Equipment, Anti-Idling, Hybrid, Electrification 4. Goods Movement Systemwide Efficiency Improvements 5. Commercial Harbor Craft Maintenance and Design Efficiency 6. Clean Ships 7. Vessel Speed Reduction	T-6	*Not applicable.* The project would not prevent CARB from implementing this measure.
Heavy-Duty Vehicle GHG Emission Reduction • Tractor-Trailer GHG Regulation • Heavy-Duty Greenhouse Gas Standards for New Vehicle and Engines (Phase I)	T-7	*Not applicable.* The project would not prevent CARB from implementing this measure.
Medium- and Heavy-Duty Vehicle Hybridization Voucher Incentive Proposed Project	T-8	*Not applicable.* The project would not prevent CARB from implementing this measure.
Medium and Heavy-Duty GHG Phase 2	—	*Not applicable.* The project would not prevent CARB from implementing this measure.
High-Speed Rail	T-9	*Not applicable.* The project would not prevent CARB from implementing this measure.
Electricity and Natural Gas Sector		
Energy Efficiency Measures (Electricity)	E-1	*Not applicable.* The project would not prevent CARB from implementing this measure.

Table 15. Proposed Project Consistency with Scoping Plan GHG Emission Reduction Strategies

Scoping Plan Measure	Measure Number	Proposed Project Consistency
Energy Efficiency (Natural Gas)	CR-1	*Not applicable.* The project would not prevent CARB from implementing this measure.
Solar Water Heating (California Solar Initiative Thermal Program)	CR-2	*Not applicable.* The project would not prevent CARB from implementing this measure.
Combined Heat and Power	E-2	*Not applicable.* The project would not prevent CARB from implementing this measure.
Renewables Portfolio Standard (33% by 2020)	E-3	*Not applicable.* The project would not prevent CARB from implementing this measure.
Renewables Portfolio Standard (50% by 2050)	—	*Not applicable.* The project t would not prevent CARB from implementing this measure.
SB 1 Million Solar Roofs (California Solar Initiative, New Solar Home Partnership, Public Utility Programs) and Earlier Solar Programs	E-4	*Not applicable.* The project would not prevent CARB from implementing this measure.
Water Sector		
Water Use Efficiency	W-1	*Not applicable.* The project would not prevent CARB from implementing this measure.
Water Recycling	W-2	*Not applicable.* The project would not prevent CARB from implementing this measure.
Water System Energy Efficiency	W-3	*Not applicable.* The project would not prevent CARB from implementing this measure.
Reuse Urban Runoff	W-4	*Not applicable.* The project would not prevent CARB from implementing this measure.
Renewable Energy Production	W-5	*Not applicable.* The project would not prevent CARB from implementing this measure.
Green Buildings		
1. State Green Building Initiative: Leading the Way with State Buildings (Greening New and Existing State Buildings)	GB-1	*Not applicable.* The project would not prevent CARB from implementing this measure.
2. Green Building Standards Code (Greening New Public Schools, Residential and Commercial Buildings)	GB-1	*Not applicable.* The project would not prevent CARB from implementing this measure.
3. Beyond Code: Voluntary Programs at the Local Level (Greening New Public Schools, Residential and Commercial Buildings)	GB-1	*Not applicable.* The project would not prevent CARB from implementing this measure.
4. Greening Existing Buildings (Greening Existing Homes and Commercial Buildings)	GB-1	*Not applicable.* The project would not prevent CARB from implementing this measure.
Industry Sector		
Energy Efficiency and Co-Benefits Audits for Large Industrial Sources	I-1	*Not applicable.* The project would not prevent CARB from implementing this measure.
Oil and Gas Extraction GHG Emission Reduction	I-2	*Not applicable.* The project would not prevent CARB from implementing this measure.

Table 15. Proposed Project Consistency with Scoping Plan GHG Emission Reduction Strategies

Scoping Plan Measure	Measure Number	Proposed Project Consistency
Reduce GHG Emissions by 20% in Oil Refinery Sector	—	*Not applicable.* The project would not prevent CARB from implementing this measure.
GHG Emissions Reduction from Natural Gas Transmission and Distribution	I-3	*Not applicable.* The project would not prevent CARB from implementing this measure.
Refinery Flare Recovery Process Improvements	I-4	*Not applicable.* The project would not prevent CARB from implementing this measure.
Work with the Local Air Districts to Evaluate Amendments to Their Existing Leak Detection and Repair Rules for Industrial Facilities to Include Methane Leaks	I-5	*Not applicable.* The project would not prevent CARB from implementing this measure.
Recycling and Waste Management Sector		
Landfill Methane Control Measure	RW-1	*Not applicable.* The project would not prevent CARB from implementing this measure.
Increasing the Efficiency of Landfill Methane Capture	RW-2	*Not applicable.* The project would not prevent CARB from implementing this measure.
Mandatory Commercial Recycling	RW-3	*Consistent.* To the maximum extent practicable, the project would include recycling during both construction and operation, as required by local and state regulations.
Increase Production and Markets for Compost and Other Organics	RW-3	*Not applicable.* The project would not prevent CARB from implementing this measure.
Anaerobic/Aerobic Digestion	RW-3	*Not applicable.* The project would not prevent CARB from implementing this measure.
Extended Producer Responsibility	RW-3	*Not applicable.* The project would not prevent CARB from implementing this measure.
Environmentally Preferable Purchasing	RW-3	*Not applicable.* The project would not prevent CARB from implementing this measure.
Forests Sector		
Sustainable Forest Target	F-1	*Not applicable.* The project would not prevent CARB from implementing this measure.
High GWP Gases Sector		
Motor Vehicle Air Conditioning Systems: Reduction of Refrigerant Emissions from Non-Professional Servicing	H-1	*Not applicable.* The project would not prevent CARB from implementing this measure.
SF_6 Limits in Non-Utility and Non-Semiconductor Applications	H-2	*Not applicable.* The project would not prevent CARB from implementing this measure.
Reduction of Perfluorocarbons in Semiconductor Manufacturing	H-3	*Not applicable.* The project would not prevent CARB from implementing this measure.
Limit High GWP Use in Consumer Products	H-4	*Not applicable.* The project would not prevent CARB from implementing this measure.
Air Conditioning Refrigerant Leak Test During Vehicle Smog Check	H-5	*Not applicable.* The project would not prevent CARB from implementing this measure.
Stationary Equipment Refrigerant Management Program – Refrigerant Tracking/Reporting/Repair Program	H-6	*Not applicable.* The project would not prevent CARB from implementing this measure.

Table 15. Proposed Project Consistency with Scoping Plan GHG Emission Reduction Strategies

Scoping Plan Measure	Measure Number	Proposed Project Consistency
Stationary Equipment Refrigerant Management Program – Specifications for Commercial and Industrial Refrigeration	H-6	*Not applicable.* The project would not prevent CARB from implementing this measure.
SF_6 Leak Reduction Gas Insulated Switchgear	H-6	*Not applicable.* The project would not prevent CARB from implementing this measure.
40% Reduction in Methane and Hydrofluorocarbon Emissions	—	*Not applicable.* The project would not prevent CARB from implementing this measure.
50% Reduction in Black Carbon Emissions	—	*Not applicable.* The project would not prevent CARB from implementing this measure.
Agriculture Sector		
Methane Capture at Large Dairies	A-1	*Not applicable.* The project would not prevent CARB from implementing this measure.

Source: CARB 2008, 2017.
Notes: CARB = California Air Resources Board; GHG = greenhouse gas; VMT = vehicle miles traveled; N/A = not applicable; SB = Senate Bill; SF6 = sulfur hexafluoride; GWP = global warming potential.

Based on the analysis in Table 15, the proposed project would be consistent with the applicable strategies and measures in the Scoping Plan.

The project would not impede the attainment of the GHG reduction goals for 2030 or 2050 identified in Executive Order (EO) S-03-05 and SB 32. EO S-03-05 establishes the following goals: GHG emissions should be reduced to 2000 levels by 2010, to 1990 levels by 2020, and to 80% below 1990 levels by 2050. SB 32 establishes for a statewide GHG emissions reduction target whereby CARB, in adopting rules and regulations to achieve the maximum technologically feasible and cost-effective GHG emissions reductions, shall ensure that statewide GHG emissions are reduced to at least 40% below 1990 levels by December 31, 2030. While there are no established protocols or thresholds of significance for that future year analysis, CARB forecasts that compliance with the current Scoping Plan puts the state on a trajectory toward meeting these long-term GHG goals, although the specific path to compliance is unknown (CARB 2014).

To begin, CARB has expressed optimism with regard to both the 2030 and 2050 goals. It states in the First Update to the Climate Change Scoping Plan that "California is on track to meet the near-term 2020 GHG emissions limit and is well positioned to maintain and continue reductions beyond 2020 as required by AB 32" (CARB 2014). With regard to the 2050 target for reducing GHG emissions to 80% below 1990 levels, the First Update to the Climate Change Scoping Plan states the following (CARB 2014):

> This level of reduction is achievable in California. In fact, if California realizes the expected benefits of existing policy goals (such as 12,000 megawatts of renewable distributed generation by 2020, net zero energy homes after 2020, existing building retrofits under AB 758, and others) it could reduce emissions by 2030 to levels squarely in line with those needed in the developed world and to stay on track to reduce emissions to 80% below 1990 levels by 2050. Additional measures, including locally driven measures and those necessary to meet federal air quality standards in 2032, could lead to even greater emission reductions.

In other words, CARB believes that the state is on a trajectory to meet the 2030 and 2050 GHG reduction targets set forth in AB 32, SB 32, and EO S-03-05. This is confirmed in the Second Update, which states (CARB 2017) the following:

> The Proposed Plan builds upon the successful framework established by the Initial Scoping Plan and First Update, while also identifying new, technologically feasibility and cost-effective strategies to ensure that California meets its GHG reduction targets in a way that promotes and rewards innovation, continues to foster economic growth, and delivers improvements to the environment and public health, including in disadvantaged communities. The Proposed Plan is developed to be consistent with requirements set forth in AB 32, SB 32, and AB 197.

The project would not interfere with implementation of any of the previously described GHG reduction goals for 2030 or 2050 because the project would not exceed SCAQMD's recommended screening threshold of 1,400 MT CO_2e per year (SCAQMD 2008). Because the project would not exceed the threshold, this analysis provides support for the conclusion that the project would not impede the state's trajectory toward the previously described statewide GHG reduction goals for 2030 or 2050.

As discussed previously, the project is consistent with the GHG emission reduction measures in the Scoping Plan and would not conflict with the state's trajectory toward future GHG reductions. In addition, since the specific path to compliance for the state in regard to the long-term goals will likely require development of technology or other changes that are not currently known or available, specific additional mitigation measures for the project would be speculative and cannot be identified at this time. The project's consistency would assist in meeting the City's contribution to GHG emission reduction targets in California. With respect to future GHG targets under SB 32 and EO S-03-05, CARB has also made clear its legal interpretation is that it has the requisite authority to adopt whatever regulations are necessary, beyond the AB 32 horizon year of 2020, to meet SB 32's 40% reduction target by 2030 and EO S-03-05's 80% reduction target by 2050; this legal interpretation by an expert agency provides evidence that future regulations will be adopted to continue the state on its trajectory toward meeting these future GHG targets. Based on the considerations previously outlined, the project would not conflict with an applicable plan, policy, or regulation adopted for the purpose of reducing the emissions of GHGs, and no mitigation is required. Therefore, impacts associated with an applicable plan, policy, or regulation adopted for the purpose of reducing the emissions of GHGs would be less than significant.

3.8.3 Mitigation Measures

No mitigation measures are required.

3.9 Hazards and Hazardous Materials

3.9.1 Environmental Setting

The existing conditions and impact analysis for this section rely on a Phase I Environmental Site Assessment (ESA) prepared for the proposed project to assess information on past and present land uses, including identification of possible release of hazardous materials (Appendix E). The findings of the investigation are based on historical aerial

photographs, topographic maps, review of information contained in regulatory agency databases, available local agency records, interviews with site representatives, and a site reconnaissance.

Existing Conditions

Dudek performed a site reconnaissance on August 14, 2019 to inspect existing structures, where possible (Appendix E). Approximately 1/3 of the project site is developed as a Corporate Yard and animal shelter; the remaining 2/3 of the project site consists of vacant, undeveloped land. The Corporate Yard has been present within the project site since at least 1984. A construction staging area is located on the northeastern portion of the project site. Asphalt grindings from various operations were stored in piles within the staging area. A waste segregation area is located to the west of the construction staging area. This area is used to segregate waste collected by the City from illegal dumping activities. There are three general storage/office structures located to the east of the animal shelter. The Corporate Yard and animal shelter are accessed via asphalt drive on Hacienda Avenue.

- Two aboveground storage tanks ASTs) are currently located on the subject property. A backup diesel generator is located on the subject property but is no longer in use. No evidence of leakage or staining was observed during the site inspection.
- Chemicals such as gasoline, diesel, motor oil, and transmission fluid were observed in containers greater than 5 gallons within the Corporate Yard. Smaller quantities of chemicals (compressor oil, gear oil, engine oil) were observed in flammable materials cabinets located in the shop area. Multiple containers of paint were observed in the paint shop in the northern portion of the Corporate Yard.
- One monitoring well was observed on the southwestern portion of the subject property. The well reportedly is owned by Mission Springs Water District. No cisterns, cesspools, or septic tanks were observed located on the project site.
- The structures within the Corporate Yard were constructed on the subject property sometime after 1972 but before 1984. Based on the structures on the subject property, building materials may contain asbestos and lead-based paint.

3.9.2 Impact Analysis

	Potentially Significant Impact	Less Than Significant Impact With Mitigation Incorporated	Less Than Significant Impact	No Impact
IX. HAZARDS AND HAZARDOUS MATERIALS – Would the project:				
a) Create a significant hazard to the public or the environment through the routine transport, use, or disposal of hazardous materials?	☐	☐	☒	☐
b) Create a significant hazard to the public or the environment through reasonably foreseeable upset and accident conditions involving the release of hazardous materials into the environment?	☐	☐	☒	☐
c) Emit hazardous emissions or handle hazardous or acutely hazardous materials, substances, or waste within one-quarter mile of an existing or proposed school?	☐	☐	☐	☒

	Potentially Significant Impact	Less Than Significant Impact With Mitigation Incorporated	Less Than Significant Impact	No Impact
d) Be located on a site that is included on a list of hazardous materials sites compiled pursuant to Government Code Section 65962.5 and, as a result, would it create a significant hazard to the public or the environment?	☐	☐	☒	☐
e) For a project located within an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project result in a safety hazard or excessive noise for people residing or working in the project area?	☐	☐	☐	☒
f) Impair implementation of or physically interfere with an adopted emergency response plan or emergency evacuation plan?	☐	☐	☒	☐
g) Expose people or structures, either directly or indirectly, to a significant risk of loss, injury or death involving wildland fires?	☐	☐	☐	☒

a) Would the project create a significant hazard to the public or the environment through the routine transport, use, or disposal of hazardous materials?

Less Than Significant Impact. Proposed project construction would involve the incidental transport and use of small quantities of common hazardous materials to operate construction equipment, such as oils, lubricants, and fuels, as well as specific materials for building construction, such as asphalt and concrete. Hazardous materials would be stored in designated areas away from environmentally sensitive areas in quantities that would not pose significant hazard to the public in the event of a release.

The California Department of Toxic Substances Control has primary regulatory authority for enforcing hazardous materials regulations. State hazardous waste regulations are contained primarily in Title 22 of the California Code of Regulations. All materials used during construction would be contained, stored, and handled in compliance with applicable standards and regulations established by the Department of Toxic Substances Control (DTSC), the United States EPA, and the Occupational Safety and Health Administration (OSHA). BMPs specific to construction waste management, as administered through the project's SWPPP, would be required as mandatory procedures to be implemented during construction activities. Any potential impacts associated with the routine transport, use, or disposal of hazardous materials, although minimal, would be further minimized with adherence to applicable regulations.

Project operation would involve the use of common hazardous maintenance and landscape materials typically associated with park uses (i.e., fertilizers, pesticides, and herbicides, cleaning solutions, etc.) that could be potentially hazardous if handled improperly or ingested. However, these products are not considered acutely hazardous and are not generally considered unsafe. All storage, handling, and disposal of hazardous materials during project construction and operation would comply with applicable standards

and regulations. In addition, the proposed park use would not generate significant amounts of any hazardous materials

For the reasons stated above, impacts associated with the disposal of hazardous materials and/or the potential release of hazardous materials that could occur with the implementation of the proposed project are considered less than significant.

b) Would the project create a significant hazard to the public or the environment through reasonably foreseeable upset and accident conditions involving the release of hazardous materials into the environment?

Less Than Significant Impact. The proposed project would include the construction and operation of a park use. As previously discussed in Response 4.9.2(a), construction of the proposed project would involve the use of potentially hazardous materials, including but not limited to, solvents, paints, fuels, oils, and transmission fluids. Project operation is anticipated to involve limited use of hazardous materials typical of park uses, such as pesticides and other landscaping materials. All storage, handling, and disposal of hazardous materials during project construction and operation would comply with applicable standards and regulations established by the DTSC, the United States EPA, and OSHA.

In addition, the Phase I ESA prepared for the project concluded that existing structures within the Corporate Yard might contain asbestos-containing materials (ACM). If any of these structures need to be demolished or relocated during construction of the proposed project, contact with potential ACM could pose a potential hazard during demolition. However, demolition activities would be required to comply with the SCAQMD Rule 1403, which requires testing, remediation procedures, and work practice requirements to limit asbestos emissions during demolition. In addition, as part of any removal of construction-generated hazardous waste from the project site, the applicant would be required to use a certified hazardous waste transportation company, which must haul hazardous waste to a permitted facility for treatment, storage, recycling, or disposal.

For the reasons stated above, risks associated with accidental release of hazardous materials would be adequately reduced to a less than significant level through compliance with applicable standards and regulations.

c) Would the project emit hazardous emissions or handle hazardous or acutely hazardous materials, substances, or waste within one-quarter mile of an existing or proposed school?

No Impact. The Two Bunch Palms Elementary school is located 0.6 miles south of the project site. The proposed project is not anticipated to result in the release of hazardous emissions, materials or waste. As previously discussed, the project site would function as a City park with sports fields. In addition, all construction and operation activities would comply with applicable standards and regulations established by the DTSC, the United States EPA, and OSHA.

d) Would the project be located on a site that is included on a list of hazardous materials sites compiled pursuant to Government Code Section 65962.5 and, as a result, would it create a significant hazard to the public or the environment?

Less Than Significant Impact. A regulatory database search was conducted to identify environmental records within and near the project site. The project site is listed in 11 different databases. Table 16 summarizes the databases that were searched, search distances from the project site, and records identified.

Table 16. Regulatory Database Search

Acronym	Database	Search Distance	Subject Property Listed?	Number of Surrounding Sites Listed
NPL	National Priorities List (including proposed NPL sites and NPL Liens [target property only])	1 mile	No	0
Delisted NPL	National Priority List Deletions	1 mile	No	0
CERCLIS – SEMS	Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) – Superfund Enterprise Management System	0.5 miles	No	0
CERCLIS – NFRAP	CERCLIS No Further Remedial Action Planned	0.5 miles	No	0
CORRACTS	Resource Conservation and Recovery Act (RCRA) Corrective Action	1 mile	No	0
RCRA TSDF	RCRA - Transportation, Storage, and Disposal Facilities	0.5 miles	No	0
RCRA GEN	RCRA registered small or large quantity generators of hazardous waste	0.25 miles	No	0
RCRA – LQG	RCRA Large Quantity Generators	0.25 miles	No	0
RCRA – SQG	RCRA Small Quantity Generators	0.25 miles	No	0
RCRA – CESQG	RCRA Conditionally Exempt Small Quantity Generators	0.25 miles	No	0
RCRA NonGen/NLR	RCRA Handlers, but not generators, of hazardous waste	0.25 miles	No	1
ERNS	Emergency Response Notification System	Target Property	No	0
US ENG CONTROLS	Sites with Engineering Controls	0.5 miles	No	0
US INST CONTROLS	Sites with Institutional Controls	0. 5 miles	No	0
RESPONSE	State- and Tribal-Equivalent NPL	1 mile	No	0
ENVIROSTOR	State- and Tribal-Equivalent CERCLIS	1 mile	No	2
SWF/LF	State and Tribal Landfill and/or Solid Waste Disposal Site	0.5 miles	No	0
LUST	State Leaking Underground Storage Tank	0.5 miles	Yes	0
CPS-SLIC	Spills, Leaks, Investigations, and Cleanups	0.5 miles	No	0
Indian LUST	Tribal Leaking Underground Storage Tank	0.5 miles	No	0
UST	State and Tribal Registered Underground Storage Tank	0.25 miles	No	0
AST	State and Tribal Registered Aboveground Storage Tank	0.25 miles	Yes	0
Indian UST	Registered Underground Storage Tank on Tribal Land	0.25 miles	No	0
FEMA UST	FEMA-owned Registered Storage Tank	0.25 miles	No	0
LUCIS	Institutional Control/Engineering Control	0.5 miles	No	0
Indian VCP	Voluntary Cleanup on Tribal Land	0.5 miles	No	0
VCP	State and Tribal Voluntary Cleanup	0.5 miles	No	0
US Brownfields	State and Tribal Brownfields	0.5 miles	No	0
HIST UST	Historical Underground Storage Tank	0.25 miles	No	0
HIST CORTESE	Historical Hazardous Waste and Substances List	0.5 miles	No	0
RGA LUST	Recovered Government Archives Leaking Underground Storage Tank	Target Property	Yes	0

INDIAN RESERVATION	Indian Reservations	1 mile	No	0
Additional Environmental Records, including local lists		Varies	Yes	3

Source: Appendix E

The Leaking Underground Storage Tank (LUST) database contains information about known releases. A release of gasoline was reported in 2000 during the removal of two underground storage tanks at the subject property. Upon the removal, soil samples were collected from beneath the underground storage tanks (USTs) and the two dispensers. All of the soil samples, with the exception of two soil samples (one beneath the diesel dispenser and one beneath the gasoline dispenser), were reported to have no detections of petroleum hydrocarbons or related compounds. The soil sample collected beneath the diesel dispenser (2 feet below ground surface) had a total petroleum hydrocarbons as diesel concentration of 31 milligrams per kilogram (mg/kg). The soil sample collected beneath the gasoline dispenser (2 feet below ground surface) had a total petroleum hydrocarbons as gasoline concentration of 860 mg/kg. In June 2000 one boring was drilled within 5 feet of the gasoline dispenser to further investigate the impacted soil. The boring was drilled to a depth of 30 feet and soil samples were taken at 5-foot intervals. Total petroleum hydrocarbons as gasoline, benzene, toluene, ethylbenzene, xylenes, and methyl tert-butyl ether were not detected in any of the soil samples collected. In August 2000, the regulatory agency recommended no further action at the site and the case was closed. Based on the findings of the investigation, the impacted soil beneath the dispenser is limited in extent and is not considered a threat to human health or the environment. The other database listings track information on sites that handle hazardous materials or generate hazardous waste but do not indicate an uncontrolled release of hazardous substances to the environment.

e) For a project located within an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project result in a safety hazard or excessive noise for people residing or working in the project area?

No Impact. The proposed project is located 7 miles north of the Palm Springs International Airport and is not located within a Riverside County Airport Land Use Commission (RCALUC) compatibility zone. Therefore, no would be no impact.

f) Would the project impair implementation of or physically interfere with an adopted emergency response plan or emergency evacuation plan?

Less Than Significant Impact. The proposed project does not include any characteristics (e.g., permanent road closures or long-term blocking of road access) that would physically impair or otherwise conflict with an emergency response plan or emergency evacuation plan. During short-term construction activities, the proposed project is not anticipated to result in any substantial traffic queuing on nearby streets, and all construction equipment would be staged within or directly adjacent to the project site.

The proposed project does not include any changes to any public or private roadways that would interfere with the City's emergency response plan or emergency evacuation plan. Further, the proposed project would not obstruct or alter any transportation routes that could be used as evacuation routes during emergency events. As such, impacts related to emergency response and evacuation plans associated with construction and operation of the proposed project would be less than significant.

g) Would the project expose people or structures, either directly or indirectly, to a significant risk of loss, injury, or death involving wildland fires?

No Impact. Wildland fires occur in geographic areas that contain the types and conditions of vegetation, topography, weather, and structure density susceptible to risks associated with uncontrolled fires that can be started by lightning, improperly managed camp fires, cigarettes, sparks from automobiles, and other ignition sources. The project site is located in a developed area where wildfire is not considered a likely risk to people or structures. In addition, the project site and the surrounding areas do not include brush- and grass-covered areas typically found in areas susceptible to wildfires. Therefore, the proposed project would not expose people or structures to a significant risk of loss, injury, or death from wildland fires.

3.9.3 Mitigation Measures

No mitigation measures are required.

3.10 Hydrology and Water Quality

3.10.1 Environmental Setting

The North Coachella Valley, including the project site, lies in the northwestern end of the Salton Trough, a broad southeast-trending structural depression that includes the Coachella Valley, Salton Sea, and Imperial Valley. The Coachella Valley is filled with alluvial and lake-bed sediments that are several thousand feet thick. It is bordered on the north and east by the Little San Bernardino Mountains, on the northwest by the San Bernardino Mountains, and on the southwest by the San Jacinto and Santa Rosa Mountains.

The surrounding mountains help isolate the Coachella Valley and the City of Desert Hot Springs from Pacific maritime air masses, resulting in a subtropical desert climate with hot, dry summers and mild winters. Mean annual rainfall is very low from the desert floor into the foothills, ranging from 4 to 6 inches per year and averaging approximately 5 to 6 inches along the foothills. In some years, measurable rainfall has been reported within the City of Desert Hot Springs. Summer daytime temperatures can occasionally exceed 125˚F and winter temperatures infrequently fall below freezing.

Approximately 1/3 of the project site is developed as the City's Corporate Yard and animal shelter. The remainder of the project site consists of vacant disturbed land. The project site is located outside the 100-year floodplain, within shaded Zone X, per Federal Emergency Management Agency (FEMA) Flood Insurance Rate Map (FIRM) Panel No. 06065C0885G (August 8, 2008). The project site contains mostly low-lying desert plants and Sonoran Creosote Brush Scrub and the project site's topography is generally flat, sloping to the southeast, with elevations ranging from 1,031 feet (in the north) and 1,011 feet (in the southeast) above mean sea level (AMSL).

3.10.2 Impact Analysis

	Potentially Significant Impact	Less Than Significant Impact With Mitigation Incorporated	Less Than Significant Impact	No Impact
X. HYDROLOGY AND WATER QUALITY – Would the project:				
a) Violate any water quality standards or waste discharge requirements or otherwise substantially degrade surface or ground water quality?	☐	☐	☒	☐
b) Substantially decrease groundwater supplies or interfere substantially with groundwater recharge such that the project may impede sustainable groundwater management of the basin?	☐	☐	☒	☐
c) Substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river or through the addition of impervious surfaces, in a manner which would:				
i) result in substantial erosion or siltation on or off site;	☐	☐	☒	☐
ii) substantially increase the rate or amount of surface runoff in a manner which would result in flooding on or off site;	☐	☐	☒	☐
iii) create or contribute runoff water which would exceed the capacity of existing or planned stormwater drainage systems or provide substantial additional sources of polluted runoff; or	☐	☐	☒	☐
iv) impede or redirect flood flows?	☐	☐	☒	☐
d) In flood hazard, tsunami, or seiche zones, risk release of pollutants due to project inundation?	☐	☐	☐	☒
e) Conflict with or obstruct implementation of a water quality control plan or sustainable groundwater management plan?	☐	☐	☒	☐

a) Would the project violate any water quality standards or waste discharge requirements or otherwise substantially degrade surface or ground water quality?

Less Than Significant Impact. Pollutants of concern during project construction include sediments, trash, petroleum products, concrete waste (dry and wet), sanitary waste, and chemicals. During construction activities, excavated soil would be exposed, and there would be an increased potential for soil erosion and transport of sediment downstream compared to existing conditions. During a storm event, soil erosion could occur at an accelerated rate. In addition, construction-related pollutants such as chemicals, liquid and petroleum products (e.g., paints, solvents, and fuels), and concrete-related waste could be spilled, leaked,

or transported via stormwater runoff into adjacent drainages and into downstream receiving waters. Any of these pollutants has the potential to be transported via stormwater runoff.

Construction activities associated with the proposed project would disturb approximately 10 acres of soil. Projects that disturb greater than 1 acre of soil are required to comply with the State Water Resources Control Board's (SWRCB) NPDES permit Waste Discharge Requirements for Discharges of Storm Water Runoff Associated with Construction and Land Disturbance Activities (Order No. 2009-0009-DWQ, NPDES No. CAS000002, as amended by Orders No. 2010-0014-DWQ and 2012-0006-DWQ) (Construction General Permit). The Construction General Permit requires preparation of a SWPPP and implementation of construction BMPs during construction activities. In compliance with the Construction General Permit, a SWPPP would be prepared for the project and construction BMPs implemented to target pollutants of concern.

The proposed project includes construction of a football field, baseball field, common areas with concession and restrooms, a parking lot and on-site circulation, and location changes to the existing Corporate Yard. The Corporate Yard is anticipated to operate consistent with current conditions. Pollutants of concern during operation of the Corporate Yard Park could include suspended solids/sediment, nutrients, pesticides, trash and debris, oil and grease. The proposed project would result in an increase in impervious surface acreage of approximately 3.5 acres on the project site following project implementation. An increase in impervious surface area would expand the volume of runoff during a storm, which could increase the amount of pollutants discharged into downstream receiving waters. Visitors to the site would be a potential source of trash and debris. Landscaping included as part of the project would capture and aid with treatment of stormwater runoff from the increased impervious surface areas, but could also be a potential source of nutrients and pesticides. Any vehicles utilizing the parking area could be a source of oil, grease, and metals.

The proposed project would be designed with on-site stormwater retention infrastructure that, during the life of the project, would comply with the Stormwater Management and Discharge Controls per Chapter 13.08 of the Desert Hot Springs Municipal Code (Ordinance #1997-03). Compliance with the ordinance would minimize the discharge and transport of pollutants associated with increased impervious surfaces within the project site though the control of volume and rate stormwater runoff. In addition, during long-term operation, each project will be required to maintain the site under a post-construction Water Quality Management Plan (WQMP) that addresses potential runoff and ongoing maintenance of BMPs related to on-site drainage improvements.

Therefore, through compliance with all applicable regulations, the proposed project would not violate any water quality standards or waste discharge requirements or otherwise substantially degrade surface or groundwater quality..

b) Would the project substantially decrease groundwater supplies or interfere substantially with groundwater recharge such that the project may impede sustainable groundwater management of the basin?

Less Than Significant Impact. Groundwater is the principal source of municipal water supply in the Coachella Valley. The project is underlain by the Mission Creek groundwater sub-basin, which along with the Garnet Hill sub-basin, occupies the northern portion of the Coachella Valley and forms part of the larger Coachella Valley Groundwater Basin. This basin is managed under the Mission Creek and Garnet Hill Subbasins Water Management Plan, operated by the Coachella Valley Water District, the Desert Water

Agency, and the Mission Springs Water District. The Urban Water Management Plan identifies long-term strategies to address current and future water demands in this area. The project site is located within the service boundary of the Mission Springs Water District.

The total water demand estimate for the proposed project is 0.018 mgd (20 AFY). The MSWD total water demand in 2020 is projected to be 9,550 acre-feet per year (AFY) (MSWD 2016). As such, the total estimated water demand for the proposed project would increase the City's total annual water demand by 0.002 percent. Therefore, the proposed project would not require a substantial increase in groundwater pumping for adequate water supply.

Furthermore, the proposed project would be designed with on-site stormwater retention infrastructure to contain a 100-year, 24-hour storm event, per Chapter 13.08 of the Desert Hot Springs Municipal Code (Ordinance #1997-03). As such, stormwater captured on-site would ensure groundwater recharge would not be reduced compared to existing conditions.

c) Would the project substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river or through the addition of impervious surfaces, in a manner which would:

i) result in substantial erosion or siltation on or off site;

Less Than Significant Impact. Although there are no streams or rivers on the project site, excavated soil would be exposed and disturbed and drainage patterns would be temporarily altered during grading and other construction activities. In addition, during a storm event, soil erosion could occur at an accelerated rate. Therefore, there would be an increased potential for soil erosion and the transport of sediment downstream compared with existing conditions. As discussed in Response 4.10.2(a), the Construction General Permit requires preparation of a SWPPP and implementation of construction BMPs to reduce impacts to water quality during construction, including those impacts associated with soil erosion, and siltation. Implementation of the construction BMPs would reduce short-tern impacts associated with on- or off-site erosion or siltation associated with the proposed project.

Development of the proposed project would increase impervious surface area on the project site by approximately 3.5 acres, which would increase stormwater runoff. However, impervious surface areas (such as common areas and parking/circulation) and installation of turf sports fields would reduce the potential for erosion or siltation on-site.

ii) substantially increase the rate or amount of surface runoff in a manner which would result in flooding on or off site;

Less Than Significant Impact. Development of the proposed project would increase impervious surface area on the project site by approximately 3.5 acres, which would increase stormwater runoff generated during project operation. The proposed project would be designed with on-site stormwater retention infrastructure to contain a 100-year, 24-hour storm event, per Chapter 13.08 of the Desert Hot Springs Municipal Code (Ordinance #1997-03). Development on on-site stormwater retention would adequately convey and reduce runoff, such that on-site and off-site drainage facility capacity would not be exceeded during a design storm. As such, the proposed project would not substantially increase the rate or amount of surface runoff that would result in flooding on-or off-site.

iii) create or contribute runoff water which would exceed the capacity of existing or planned stormwater drainage systems or provide substantial additional sources of polluted runoff; or

Less Than Significant Impact. As discussed in Response 4.10.2(a), pollutants of concern during construction include sediments, trash, petroleum products, concrete waste (dry and wet), sanitary waste, and chemicals. Each of these pollutants on its own or in combination with other pollutants can have a detrimental effect on water quality. Drainage patterns would be temporarily altered during grading and other construction activities, and construction-related pollutants could be spilled, leaked, or transported via storm runoff into adjacent drainages and downstream receiving waters. However, the proposed project would be required to comply with the requirements set forth by the Construction General Permit and SWPPP, which would specify BMPs to be implemented to control the discharge of pollutants in stormwater runoff as a result of construction activities. As such, the proposed project would not contribute runoff water that would exceed the capacity of the existing stormwater drainage infrastructure.

iv) impede or redirect flood flows?

Less Than Significant Impact. According to the FEMA FIRM Panel No. 06065C0885G (August 8, 2008), the project site is located within the shaded Zone X (FEMA 2008). A shaded Flood Zone X designation encompasses areas with a moderate chance of flood as it includes areas with a 0.2 percent annual chance of flood (500- year), areas with a one percent annual chance of flood (100-year) with average depths of less than one foot or with drainage areas less than one square mile, and areas protected from levees from one percent annual chance of flood. Although the project site has a moderate chance of flooding, the proposed project would be designed with on-site stormwater retention infrastructure to contain a 100-year, 24-hour storm event, per Chapter 13.08 of the Desert Hot Springs Municipal Code (Ordinance #1997-03). Development on on-site stormwater retention would adequately convey and reduce runoff, such that on-site and off-site drainage facility capacity would not be exceeded during a design storm. As such, the proposed project would not considerably alter the existing drainage patterns or redirect flood flows.

d) In flood hazard, tsunami, or seiche zones, would the project risk release *of pollutants due to project inundation?*

No Impact. As discussed in 3.10.2(c), the proposed project is not within a 100-year flood zone. The project site is not located near a levee or dam, nor is the project located near a body of water that would pose potential seiche or tsunami impacts. As such, the proposed project would not pose risk of release of pollutants within a flood hazard, tsunami, or seiche zone.

e) Would the project conflict with or obstruct implementation of a water quality control plan or sustainable groundwater management plan?

Less Than Significant Impact. The project is within the jurisdiction of the Colorado River Regional Water Quality Control Board (RWQCB). The Colorado River RQWCB adopted a Water Quality Control Plan (i.e., Basin Plan) (RWQCB 2019), which designates beneficial uses for all surface and groundwater within its jurisdiction and establishes the water quality objectives and standards necessary to protect those beneficial uses. As summarized below, the project would comply with the applicable NPDES permits and would implement construction and operational BMPs to reduce pollutants of concern in stormwater runoff.

As discussed in Response 4.10.2(a), during construction activities, excavated soil would be exposed, and there would be an increased potential for soil erosion and sedimentation compared to existing conditions. In addition, chemicals, liquid products, and/or petroleum products (e.g., paints, solvents, and fuels), may be spilled or leaked and have the potential to be transported via stormwater runoff into receiving waters.

The proposed project would be required to comply with the requirements set forth by the Construction General Permit, which requires preparation of a SWPPP and implementation of construction BMPs to control stormwater runoff and discharge of pollutants.

The primary pollutants of concern during project operations are suspended solids/sediment, nutrients, pesticides, trash and debris, oil, and grease. During long-term operation, each project will be required to maintain the site under a post-construction Water Quality Management Plan (WQMP) that addresses potential runoff and ongoing maintenance of BMPs related to on-site drainage improvements. The proposed BMPs would capture and treat stormwater runoff and reduce pollutants of concern in stormwater runoff.

The proposed project would be designed with on-site stormwater retention infrastructure that, during the life of the project, would comply with the Stormwater Management and Discharge Controls per Chapter 13.08 of the Desert Hot Springs Municipal Code (Ordinance #1997-03). Compliance with the ordinance would minimize the discharge and transport of pollutants associated with increased impervious surfaces within the project site though the control of volume and rate stormwater runoff.

For the reasons described above, the proposed project would not conflict with or obstruct implementation of a water quality control plan or groundwater management plan.

3.10.3 Mitigation Measures

No mitigation measures are required.

3.11 Land Use and Planning

3.11.1 Environmental Setting

The project site is subject to the City of Desert Hot Springs General Plan land use and zoning designation of Residential (R-L). The R-L designation allows for low-density residential development with a maximum density of five units per gross acre. Figure 4 illustrates the land use designations for the project site and surrounding properties.

3.11.2 Impact Analysis

	Potentially Significant Impact	Less Than Significant Impact With Mitigation Incorporated	Less Than Significant Impact	No Impact
XI. LAND USE AND PLANNING – Would the project:				
a) Physically divide an established community?	☐	☐	☐	☒
b) Cause a significant environmental impact due to a conflict with any land use plan, policy, or regulation adopted for the purpose of avoiding or mitigating an environmental effect?	☐	☐	☒	☐

a) Would the project physically divide an established community?

No Impact. The project site is located within a developed area within the City. Existing single-family residential development is located directly north, west and south of the project site. Existing multi-family residential development is located directly east of the northern portion of the project site and a church is located east of the southern portion of the site. Approximately 1/3 of the project site has been utilized as the City's Corporate Yard and animal shelter since at least 1984, and would remain, as part of the new project.

The proposed project would develop the undeveloped portion of the project site with a new park use that would serve existing nearby residential land uses. Although there are residential uses located within the vicinity of the project site, none of these homes or neighborhoods would be divided by project development. In addition, implementation of the proposed project would not disturb or alter access to any existing adjacent uses. Therefore, the proposed project would not physically divide an established community.

b) Would the project cause a significant environmental impact due to a conflict with any land use plan, policy, or regulation adopted for the purpose of avoiding or mitigating an environmental effect?

Less Than Significant Impact. The City's General Plan is the principal land use document guiding development within the City. The City's General Plan is a comprehensive plan that establishes goals, objectives, and policies intended to guide growth and development in the City. The Land Use Element of the General Plan establishes land use designations and develops a long-term land use vision for these land uses throughout the City. The project site is designated L-R on the City's General Plan Land Use Map (City of Desert Hot Springs 2002). Based on the City's Parks and Recreation Master Plan, the current parkland ratio in the City is 1.0 acres per 1,000 residents, which is considerably lower than the Quimby Act recommended ratio of 3.0 acres per 1,000 residents. Although parks are not expressly permitted in the Residential Low Density designation, per the City's Municipal Code, substantial parkland is needed to support existing and future residents within the City. As such, the proposed park is permitted under the existing land use designation to support existing nearby residential development, and reduce the parkland deficit in the City. Consequently, the proposed project would be consistent with the General Plan.

The City's Zoning Code is the primary implementation tool for the General Plan Land Use Element. The Zoning designation for the proposed project is L-R, consistent with the General Plan (City of Desert Hot Springs 2002). The proposed project is a recreational/park use, which is permitted within Residential zones within the City. Consequently, the proposed project would be consistent with the City's Zoning Code and required to comply with applicable development standards.

As the proposed project is consistent with the use of the existing General Plan land use designation and is consistent with the existing zoning code, impacts associated with conflict with a land use plan, policy, or regulation would be less than significant.

3.11.3 Mitigation Measures

No mitigation measures are required.

3.12 Mineral Resources

3.12.1 Environmental Setting

Mineral resources within the Coachella Valley are primarily located in to the east in north Indio and unincorporated Riverside County, along Dillon Road (Riverside County 2015). The California Geological Survey has established a classification system to denote both the location (i.e., zone) and significance of key extractive mineral resources. Areas where adequate information indicates that significant mineral deposits are present or where it is judged that a high likelihood for their presence exists are classified as a Mineral Resource Zone (MRZ)-2.

The proposed project is mapped in MRZ-3, indicating that it is located in an area that contains mineral deposits, but the significance of which cannot be determined from available data. Although it is mapped in MRZ-3, there are no known mineral resource deposit sites within or near the project site (County of Riverside 2015). Moreover, any potential mineral resources located within or adjacent to the project site would not be commercially viable to extract because all properties in the immediate vicinity have been previously developed with incompatible land uses.

3.12.2 Impact Analysis

	Potentially Significant Impact	Less Than Significant Impact With Mitigation Incorporated	Less Than Significant Impact	No Impact
XII. MINERAL RESOURCES – Would the project:				
a) Result in the loss of availability of a known mineral resource that would be of value to the region and the residents of the state?	☐	☐	☐	☒
b) Result in the loss of availability of a locally-important mineral resource recovery site delineated on a local general plan, specific plan, or other land use plan?	☐	☐	☐	☒

a) Would the project result in the loss of availability of a known mineral resource that would be of value to the region and the residents of the state?

No Impact. Proposed project construction would require use of common construction materials, such as asphalt, concrete, and gravel. These materials are widely available throughout the region; therefore, the proposed project would not result in the loss of regionally or locally designated "significant" deposits of mineral resources (i.e., deposits classified by the California Geological Survey as MRZ-2 or deposits listed as locally important on a general plan).

In addition, the project site is not located within an area known to be underlain by regionally or locally important mineral resources or within an area that has the potential to be underlain by regionally or locally important mineral resources (County of Riverside 2015). Therefore, the proposed project would not result in loss of a known mineral resource.

b) Would the project result in the loss of availability of a locally important mineral resource recovery site delineated on a local general plan, specific plan, or other land use plan?

No Impact. The project site is not located within an area known to be underlain by regionally or locally important mineral resources (County of Riverside 2015). In addition, the proposed project would be developed in an area surrounded by existing residential development. The existing land uses would preclude the use of the project site for future mining activities. As such, implementation of the proposed project would not result in the loss of availability of a locally important mineral resource recovery site.

3.12.3 Mitigation Measures

No mitigation measures are required.

3.13 Noise

3.13.1 Environmental Setting

Noise Characteristics

Sound may be described in terms of level or amplitude (measured in decibels (dB)), frequency or pitch (measured in hertz (Hz) or cycles per second), and duration (measured in seconds or minutes). The standard unit of measurement of the amplitude of sound is the decibel. Because the human ear is not equally sensitive to sound at all frequencies, a special frequency-dependent rating scale is used to relate noise to human sensitivity. The A-weighted decibel scale (dBA) performs this compensation by discriminating against low and very high frequencies in a manner approximating the sensitivity of the human ear. Several descriptors of noise (noise metrics) exist to help predict average community reactions to the adverse effects of environmental noise, including traffic-generated noise, on a community. These descriptors include the equivalent noise level over a given period (L_{eq}), the statistical sound level (L_n), the day–night average noise level (L_{dn}), and the community noise equivalent level (CNEL). Each of these descriptors uses units of dBA.

L_{eq} is a sound energy level averaged over a specified time period (typically no less than 10 - 15 minutes for environmental studies). L_{eq} is a single numerical value that represents the amount of variable sound energy received by a receptor during a time interval. For example, a 1-hour L_{eq} measurement would represent the average amount of energy contained in all the noise that occurred in that hour. L_{eq} is an effective noise descriptor because of its ability to assess the total time-varying effects of noise on sensitive receptors. L_{max} is the greatest sound level measured during a designated time interval or event.

Unlike the L_{eq} metrics, L_{dn} and CNEL metrics always represent 24-hour periods, usually on an annualized basis. L_{dn} and CNEL also differ from L_{eq} because they apply a time-weighted factor designed to emphasize noise events that occur during the evening and nighttime hours (when speech and sleep disturbance is of more concern). "Time weighted" refers to the fact that L_{dn} and CNEL penalize noise that occurs during certain sensitive periods. In the case of CNEL, noise occurring during the daytime (7:00 a.m.–7:00 p.m.) receives no penalty. Noise during the evening (7:00 p.m.–10:00 p.m.) is penalized by adding 5 dB, while nighttime (10:00 p.m.–7:00 a.m.) noise is penalized by adding 10 dB. L_{dn} differs from CNEL in that the daytime period is defined as 7:00 a.m.–10:00 p.m.,

thus eliminating the evening period. L_{dn} and CNEL are the predominant criteria used to measure roadway noise affecting residential receptors. These two metrics generally differ from one another by no more than 0.5 dB to 1 dB, and as such are often treated as equivalent to one another.

Existing Noise Conditions

Noise measurements were conducted on and near the Site in August 2019 to characterize the existing noise levels. Table 15, Measured Noise Levels, provides the location, date, and time the noise measurements were taken. The noise measurements were taken using a SoftdB Piccolo sound level meter equipped with a 0.5-inch, pre-polarized condenser microphone with pre-amplifier. The sound level meter meets the current American National Standards Institute standard for a Type 2 (General Use) sound level meter. The sound level meter was calibrated before and after the measurements, and the measurements were conducted with the microphone positioned approximately 5 feet above the ground.

Five short-term noise measurement locations that represent existing or proposed sensitive receivers were selected, on and near the perimeter of the Site. These locations are depicted as Receivers 1–5 (ST1–ST5) in Figure 5, Noise Measurement Locations. Short-term noise monitoring location 1 (ST1) is located near the northwest corner of the project site adjacent to Flora Avenue and Cholla Drive and represents ambient noise levels in the residential area to the west. ST2 is located near the northeast corner of the project site adjacent to Flora Avenue and represents ambient noise levels in the residential neighborhood to the north. ST3 is located in the residential neighborhood immediately to the east of the project site, while ST4 is located to the south, on the south side of Hacienda Avenue adjacent to the residences located there. ST5 is located on-site, in order to represent existing ambient noise levels within the future park. The measured energy-averaged (L_{eq}) and maximum (L_{max}) noise levels and measurement locations are provided in Table 17. The primary noise source at the sites identified in Table 7 was the traffic along adjacent roadways. As shown in Table 17, the measured sound levels ranged from approximately 60 dBA L_{eq} at ST3 to 64 dBA L_{eq} at ST2.

Table 17. Measured Noise Levels

Receptors	Location	Date	Time	L_{eq} (dBA)	L_{max} (dBA)
ST1	Near northwest project boundary	8/21/2019	9:36 a.m. – 9:51 a.m.	63.1	74.6
ST2	Near northern project boundary	8/21/2019	9:56 a.m. – 10:11 a.m.	63.5	71.2
ST3	Near eastern project boundary	8/21/2019	10:17 a.m. – 10:33 a.m.	59.9	69.9
ST4	Near southern project boundary	8/21/2019	10:39 a.m. – 10:54 p.m.	60.7	75.4
ST5	On-site	8/21/2019	11:00 a.m. – 11:15 a.m.	61.1	76.7

Source: Appendix F.
Notes: L_{eq} = equivalent continuous sound level (time-averaged sound level); L_{max} = maximum sound level during the measurement interval; dBA = A-weighted decibels.

Sensitive Receptors

Noise- and vibration-sensitive land uses are locations where people reside or where the presence of unwanted sound could adversely affect the use of the land. Residences, schools, hospitals, guest lodging, libraries, and some passive recreation areas would be considered noise- and vibration-sensitive and may warrant unique measures for

protection from intruding noise. Sensitive receptors near the Site include the low-density residential uses located immediately north and northwest of the Site.

These sensitive receptors represent the nearest residential land uses with the potential to be impacted by construction and operation of the project. Additional sensitive receptors are located farther from the Site in the surrounding community and would be less impacted by noise and vibration levels than the above-listed sensitive receptors.

Regulatory Setting

State

Government Code Section 65302(g) California Government Code Section 65302(g) requires the preparation of a Noise Element in a general plan, which shall identify and appraise the noise problems in the community. The Noise Element shall recognize the guidelines adopted by the Office of Noise Control in the State Department of Health Services and shall quantify, to the extent practicable, current and projected noise levels for the following sources:

- Highways and freeways
- Primary arterials and major local streets
- Passenger and freight on-line railroad operations and ground rapid transit systems
- Aviation and airport-related operations
- Local industrial plants
- Other ground stationary noise sources contributing to the community noise environment.

California General Plan Guidelines

The California General Plan Guidelines, published by the Governor's Office of Planning and Research, provides guidance for the acceptability of specific land use types within areas of specific noise exposure. Table 16, Land Use Compatibility for Community Noise Environments, presents guidelines for determining acceptable and unacceptable community noise exposure limits for various land use categories. The guidelines also present adjustment factors that may be used to arrive at noise acceptability standards that reflect the noise control goals of the community, the particular community's sensitivity to noise, and the community's assessment of the relative importance of noise pollution (shown in Table 18). Office of Planning and Research guidelines are advisory in nature. Local jurisdictions, including the City of Desert Hot Springs, have the responsibility to set specific noise standards based on local conditions.

Table 18. Land Use Compatibility for Community Noise Environments (State of California)

	Community Noise Exposure (CNEL)			
	Normally Acceptable[a]	*Conditionally Acceptable*[b]	*Normally Unacceptable*[c]	*Clearly Unacceptable*[d]
Residential – low density, single-family, duplex, mobile homes	50–60	55–70	70–75	75–85
Residential – multiple-family	50–65	60–70	70–75	70–85
Transit lodging – motel, hotels	50–65	60–70	70–80	80–85

Table 18. Land Use Compatibility for Community Noise Environments (State of California)

	Community Noise Exposure (CNEL)			
	Normally Acceptable[a]	*Conditionally Acceptable*[b]	*Normally Unacceptable*[c]	*Clearly Unacceptable*[d]
Schools, libraries, churches, hospitals, nursing homes	50–70	60–70	70–80	80–85
Auditoriums, concert halls, amphitheatres	NA	50–70	NA	65–85
Sports arenas, outdoor spectators sports	NA	50–75	NA	70–85
Playgrounds, neighborhood parks	50–70	NA	67.5–77.5	72.5–85
Golf courses, riding stables, water recreation, cemeteries	50–70	NA	70–80	80–85
Office buildings, business commercial and professional	50–70	67.5–77.5	75–85	NA
Industrial, manufacturing, utilities, agriculture	50–75	70–80	75–85	NA

Source: OPR 2003

Notes: CNEL = community noise equivalent level; NA = not applicable

[a] Normally Acceptable: Specified land use is satisfactory, based upon the assumption that any buildings involved are of normal conventional construction, without any special noise insulation requirements.

[b] Conditionally Acceptable: New construction or development should be undertaken only after a detailed analysis of the noise reduction requirements is made and needed noise insulation features have been included in the design. Conventional construction, but with closed windows and fresh air supply systems or air conditioning, will normally suffice.

[c] Normally Unacceptable: New construction or development should be discouraged. If new construction of development does proceed, a detailed analysis of the noise reduction requirements must be made and needed noise-insulation features must be included in the design.

[d] Clearly Unacceptable: New construction or development should generally not be undertaken.

City of Desert Hot Springs

The Noise Element of the City of Desert Hot Springs General Plan (City of Desert Hot Springs. 2000) utilizes a Land Use Compatibility Noise Matrix for Community Noise Exposure Standards, as shown here in Table 19 (City of Desert Hot Springs Land Use Compatibility Noise Guidelines). Generally, the noise levels specified in Table 19 are consistent with the guidance provided by the State of California (Table 19), but there are some differences; most notably, the noise compatibility standards for multi-family uses differ from those for single-family uses somewhat in the State standards but do not differ from single-family uses under the City's standards.

Table 19. City of Desert Hot Springs Land Use Compatibility Noise Guidelines

Land Uses	CNEL						
	50	55	60	65	70	75	80
Residential Land Uses: Single & Multi-family Dwellings, Group Quarters Mobile Homes	A	B	B	C	D	D	D
Transient Lodging: Hotels & Motels	A	A	B	B	C	D	D
School Classrooms, Libraries, Churches, Hospitals, Nursing Homes & Convalescent Hospitals	A	B	B	C	D	D	D
Recreational Land Uses: Golf Courses, Open Space (walking, bicycling, or horseback riding trails, etc.)	A	B	C	D	D	D	D
Office Building, Personal Business, & Professional Services	A	A	B	B	C	D	D
Commercial Land Uses: Retail Trade, Movie Theater, Restaurant, Bars, Entertainment, Services	A	A	B	B	C	D	D
Heavy Commercial/Industrial: Wholesale, Manufacturing, Utilities, Transport, Communication	A	A	A	A	C	D	D
Auditorium, Concert Halls, Aphitheaters, Music Shells (may be sensitive receptor/generator)	B	B	B	D	D	D	D
Sports Arenas, Outdoor Spectator Sports	B	B	B	D	D	D	D

A = NORMALLY ACCEPTABLE - Specified land use is satisfactory, based upon the assumption that any buildings involved are of normal conventional construction, without any special noise insulation requirements.
B = CONDITIONALLY ACCEPTABLE - New construction or development should be undertaken only after a detailed analysis of the noise reduction requirements is made and needed noise insulation features included in the design. Conventional construction, but with closed windows and fresh air supply systems or air conditioning will normally suffice.
C = NORMALLY UNACCEPTABLE - New Construction or development should be discouraged. If new construction or development does proceed, a detailed analysis of the noise reduction requirements must be made and needed noise insulation features included in the design.
D = CLEARLY UNACCEPTABLE - New construction or development should generally not be undertaken.

Source: City of Desert Hot Springs. 2000.

The interior and exterior noise standards are in terms of the CNEL noise metric. The standards state that for residential land uses, exterior noise exposure levels of up to 60 dBA CNEL are considered "normally acceptable" and noise levels of up to 65 dBA CNEL are considered "conditionally acceptable". Heavy Commercial/Industrial land uses are considered "normally acceptable" in environments where the noise level reaches up to 75 dBA CNEL.

The City's Municipal Code Section 8.12.030 states that it is unlawful for any person to make, suffer, permit, allow, continue, or cause to be made, suffered, permitted, allowed, or continued, within City limits or within 200 feet

thereof, any noise disturbance. Per Section 8.12.020 a noise disturbance is any sound that endangers safety or health of any person, disturbs a reasonable person of normal sensitivities, or endangers personal or real property.

Section 8.12.090 of the Municipal Code states that it is unlawful for any person to cause, suffer, allow, or permit any of the following outside of the following hours: Monday through Friday, 7:00 AM through 6:00 PM.; Saturday, 8:00 AM through 6:00 PM and Sunday, 9:00 AM through 5:00 PM.

- Loading, unloading, opening, closing or other handling of boxes, crates, containers, building materials, garbage cans, or similar objects in such a manner as to cause a noise disturbance across a residential real property boundary.
- Operating any mechanically powered saw, sander, drill, grinder, lawn or garden tool, or similar device so as to cause a noise disturbance across a residential real property boundary.

Under Section 8.12.100 of the Municipal Code, it is unlawful for any person to cause, suffer, allow or permit any construction, drilling or demolition work, or the use of tools or equipment therefore, between the hours of 5:00 p.m. of each day and 7:00 a.m. of the next day, except when daylight savings time is in effect. During such times as daylight savings is in effect in the City, no such activities shall be permitted between the hours of 6:00 p.m. of each day and 6:00 a.m. of the next day. No such activities shall be permitted on Sundays.

Section 8.12.110 of the Municipal Code, Special provisions lists activities that are exempt from the provisions of this chapter including the following:

1. Those noise events in the community (e.g., arterial traffic noise) that are more accurately measured by application of the general plan noise element policy;
2. School bands, school athletic and school entertainment events;
3. Outdoor gatherings, public dances, shows and sporting and entertainment events provided such events are authorized by the City via permit, or previously approved development agreement;
4. Activities conducted in public parks and public playgrounds with a valid City permit;

In Section 9.04.030, the Ordinance states that except as herein otherwise provided, no person shall be engaged or employed nor shall any person cause any other person to be engaged or employed in any work of construction, erection, alteration, or repair, addition to or improvement of any building, structure, road or improvement to realty between the hours of 5:00 PM of each day and 7:00 AM of the next day, except when daylight savings time is in effect. When daylight savings time is in effect, no such activities shall be permitted between the hours of 6:00 PM of each day and 6:00 AM of the next day. Additionally, no such activities shall be permitted on Sundays.

Section 17.40.180 No loudspeaker, bells, gongs, buzzers, mechanical equipment or other sounds, attention attracting, or communication device associated with any use shall be discernible beyond any boundary line of the parcel, except fire protection devices, burglar alarms and church bells. The following provisions shall apply:

A. In residential areas, no exterior noise level shall exceed 65 dBA and no interior noise level shall exceed 45 dBA.
B. All residential developments shall incorporate the following standards to mitigate noise levels: Increase the distance between the noise source and receiver.

    1. Locate land uses not sensitive to noise (i.e., parking lots, garages, maintenance facilities, utility areas, etc.) between the noise source and the receiver.

2. Bedrooms should be located on the side of the structure away from major rights-of-way.
3. Quiet outdoor spaces may be provided next to a noisy right-of-way by creating a U-shaped development which faces away from the right-of-way.

C. The minimum acceptable surface weight for a noise barrier is 4 pounds per square foot (equivalent to 3/4-inch plywood). The barrier shall be of a continuous material which is resistant to sound including: (1) masonry block; (2) precast concrete; or (3) earth berm or a combination of earth berm with block concrete.

D. Noise barriers shall interrupt the line of sight between noise source and receiver.

Section 17.40.300 of the Municipal Code states that no vibration associated with any use shall be permitted which is discernible beyond the boundary line of the property.

3.13.2 Impact Analysis

	Potentially Significant Impact	Less Than Significant Impact With Mitigation Incorporated	Less Than Significant Impact	No Impact
XIII. NOISE – Would the project result in:				
a) Generation of a substantial temporary or permanent increase in ambient noise levels in the vicinity of the project in excess of standards established in the local general plan or noise ordinance, or applicable standards of other agencies?	☐	☒	☐	☐
b) Generation of excessive groundborne vibration or groundborne noise levels?	☐	☐	☒	☐
c) For a project located within the vicinity of a private airstrip or an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project expose people residing or working in the project area to excessive noise levels?	☐	☐	☐	☒

a) Would the project result in generation of a substantial temporary or permanent increase in ambient noise levels in the vicinity of the project in excess of standards established in the local general plan or noise ordinance, or applicable standards of other agencies?

On-site noise-generating activities associated with the project would include short-term construction activities, as well as on-site operational noise. The project would also generate off-site traffic noise along local roadways in the area.

Short-Term Construction Impacts

Less Than Significant with Mitigation Incorporated. Construction noise and vibration are temporary phenomena. Construction noise and vibration levels vary from hour to hour and day to day, depending on the equipment in use, the operations being performed, and the distance between the source and receptor.

Equipment that would be in operation during construction would include, in part, excavators, graders, backhoes, compressors, welders, and paving equipment. The typical maximum noise levels for various pieces of construction equipment at a distance of 50 feet are presented in Table 20, Construction Equipment Noise Levels. Note that the equipment noise levels presented in Table 20 are maximum noise levels. Typically, construction equipment operates in alternating cycles of full power and low power, producing average noise levels less than the maximum noise level. The average sound level of construction activity also depends on the amount of time that the equipment operates and the intensity of construction activities during that time.

Table 20. Construction Equipment Noise Levels

Equipment Type	Maximum Noise Level dB(A) at 50 feet
Backhoe	80
Compactor	82
Concrete Mixer	85
Crane	83
Generator	81
Loader	85
Paver	89
Roller	74
Truck	88
Saw	76

Source: DOT 2018

The maximum noise levels at 50 feet for typical construction equipment would be 89 dB for the equipment typically used for this type of development project, although the hourly noise levels would vary. Construction noise in a well-defined area typically attenuates at approximately 6 dB per doubling of distance. Construction equipment would typically be operating all over the project site, both near and far from any one location in the project vicinity. The nearest point of construction activities to any one of the closest noise-sensitive receivers (residences located on all sides) would be approximately 65 feet, and the farthest would be more than 800 feet. Because construction taking place within 65 feet would be temporary and intermittent, and because the site is relatively large, the distance from the nearby receivers to the “acoustic center” (the point from which the energy sum of all construction activity noise, near and far, would be centered on an average or typical basis) is utilized. The nearest noise-sensitive receivers are located approximately 230 feet away from what would be the acoustic center of construction activity. Thus, the distance to construction activities for the closest residences would be as near as 65 feet away, but would typically be approximately 230 feet away.

The Federal Highway Administration's (FHWA) Roadway Construction Noise Model (RCNM) (FHWA 2008) was used to estimate construction noise levels at the nearest occupied noise-sensitive land use. (Although the model was funded and promulgated by the FHWA, the RCNM is often used for non-roadway projects, because the same types of construction equipment used for roadway projects are often used for other types of construction.) Input variables for the RCNM consist of the receiver/land use types, the equipment type and number of each (e.g., two graders, a loader, a tractor), the duty cycle for each piece of equipment (e.g., percentage of hours the equipment typically works per day), and the distance from the noise-sensitive receiver. No topographical or structural shielding was assumed in the modeling. The RCNM has default duty-cycle values for the various pieces of equipment, which were derived from an extensive study of typical construction activity patterns. Those default duty-cycle values were used for this noise analysis.

Using the FHWA's RCNM construction noise model and construction information, the estimated noise levels from one of the loudest phases of construction (grading) were calculated for the nearest noise-sensitive land uses, as presented in Table 21.

Table 21. Construction Noise Model Results Summary

Construction Phase	Construction Noise at Representative Receiver Distances (L_{eq} (dBA))	
	Nearest Source-Receiver Distance (Approx. 65' Away)	*Typical Source-Receiver Distance (Approx. 230' Away)*
Demolition	83	73
Site Preparation	82	72
Grading	82	73
Building Construction	79	71
Architectural Coating	71	60
Paving	78	69

Source: Appendix F
Notes: Leq = equivalent continuous sound level;

As presented in Table 21, the construction noise levels are predicted to range from approximately 71 to 83 dBA L_{eq} at the nearest existing residences when construction would be near the project boundary, approximately 65 feet away. More typically, when construction activities would take place on the project site both near and far, construction noise would be lower, ranging from approximately 60 to 73 dBA L_{eq}.

As previously discussed, the City's municipal code prohibits construction between the hours of 5:00 PM of each day and 7:00 AM of the next day, except when daylight savings time is in effect. When daylight savings time is in effect, no such activities are permitted between the hours of 6:00 PM of each day and 6:00 AM of the next day. Additionally, construction is permitted on Sundays. It is anticipated that construction activities associated with the proposed project would take place exclusively during these permitted hours.

Although nearby off-site residences would be exposed to elevated construction noise levels, the exposure would be short-term and would cease upon completion of project construction, and project

construction would not violate the City's standards for construction noise. However, construction noise levels would be substantially higher than existing ambient daytime noise levels. **MM-NOI-1** (Section 3.13.3) would be implemented to substantially reduce construction noise.

Long-Term Operational Impacts

Less Than Significant Impact. As described in detail in Section 2.2 (Project Components), the proposed project includes development of approximately 7.6 acres of a 10-acre site as a community park. The remainder of the site would continue to operate as the City's corporate yard. The proposed project would provide parks amenities to local residents, including a football field, a baseball field, a common area and a parking area. The existing animal shelter at the south end of the Corporate Yard would remain in the same location. The proposed park would be open to the public from 7 am to 10 pm daily.

Long-term operational noise associated with the project includes noise from the proposed outdoor events, and from parking lot activities. Long-term operational noise also includes project-generated traffic. Each of these is addressed below.

Outdoor Event Noise

The proposed project site would host recreational activities including local football and baseball games. The proposed activities could occur during the park's permitted operating hours (i.e., between the hours of 7:00 a.m. to 10:00 p.m.).

Events would be permitted by the City's Community Services Department through a facility rental application/agreement basis, with the City conditioning individual events with a variety of noise-related stipulations, based on the specific characteristics of a particular event. For example, one such stipulation may include a requirement that outdoor events only use non-amplified music after a certain time in the evening or night. Regardless of the specific stipulations, the purpose of these noise-related conditions placed upon events would ensure compliance with the City's applicable noise standards.

Parking Lot Noise Levels

A comprehensive study of noise levels associated with surface parking lots was published in the Journal of Environmental Engineering and Landscape Management (Volume 12, Issue 2, 2004). The study found that average noise levels during the peak period of use of the parking lot (generally in the morning with arrival of commuters, and in the evening with the departure of commuters), was 47 dBA at 1 meter (3.28 feet) from the outside boundary of the parking lot. The parking area would function as a point source for noise, which means that noise would attenuate at a rate of 6 dBA with each doubling of distance. The parking lot is proposed to be situated in the southwest corner of the project site, no closer than 70 feet from the nearest residential land use. At a distance of 70 feet, parking lot noise levels would be approximately 20 dBA L_{eq}. Thus, although relatively brief parking lot activities noise (i.e., door slams, engine startups, car alarm "chirps" etc.) would be audible at nearby residences, the overall hourly noise

levels would be quite low, and well below the existing ambient levels. No substantial noise increase would occur.

Off-Site Traffic Noise Levels

The proposed project would generate traffic along adjacent arterials and local roadways (i.e., Flora Avenue, Hacienda Avenue and Cholla Drive). The City does not have a specific noise criterion for evaluating off-site noise impacts to residences or noise-sensitive areas from project-related traffic. For the purposes of this noise analysis, such impacts are considered significant when they cause an increase of 5 dB compared to existing noise levels. An increase or decrease in noise level of at least 5 dB is required before a noticeable change in community response would be expected (Caltrans 2013). Thus, a clearly perceptible increase (+5 dB) in noise exposure of sensitive receptors could be considered significant.

Noise from the nearby roadways at 100 feet from the centerline was calculated using the FHWA Traffic Noise Model (TNM version 2.5) (FHWA 2004). The potential off-site noise impacts caused by the increase in vehicular traffic from the operation of the project on the nearby roadways were calculated for the following conditions: Existing Year, Existing Year with Project, Future Year (Existing plus Ambient Growth plus Cumulative Projects) without Project, and Future Year with Project. The RCNM inputs and outputs are provided in Appendix H.

Table 22 summarizes the traffic noise modeling analyses. As shown in Table 22, noise levels are expected to increase by a maximum of 0.9 decibel as a result of the project. The increase would be well below the threshold of significance of 5 dB and would result in a less than audible change.

Table 22. Change in Noise Levels as a Result of Project (dBA CNEL)

Roadway	Segment	CNEL at 100 Feet					
		Existing (2019)	*Existing (2019) with Project*	*Future (Existing plus Ambient Growth plus Cumulative Projects)*	*Future (Existing plus Ambient Growth plus Cumulative Projects) with Project*	*Maximum Change in Noise Level*	*Potential Significant Impact?*
Flora Avenue	Cholla Drive to West Drive	44	44.9	47.1	47.7	0.9	No
Hacienda Avenue	Cholla Drive to West Drive	50	50.4	53.3	53.5	0.4	No
Cholla Drive	Flora Avenue to Hacienda Avenue	49.9	50.6	53.2	53.6	0.7	No

Source: Appendix F

b) Would the project result in generation of excessive groundborne vibration or groundborne noise levels?

Less Than Significant Impact. Construction activities may expose persons to excessive groundborne vibration or groundborne noise, causing a potentially significant impact. Caltrans has collected groundborne vibration information related to construction activities (Caltrans 2013). Information from Caltrans indicates that continuous vibrations with a peak particle velocity of approximately 0.1 inch/second

begin to cause annoyance. Heavier pieces of construction equipment, such as bulldozers, have peak particle velocities of approximately 0.089 inch/second or less at a distance of 25 feet (DOT 2018).

Groundborne vibration typically attenuates over short distances. At the distance from the nearest residence to the construction area (approximately 65 feet) and with the anticipated construction equipment, the peak particle velocity would be approximately 0.021 inch/second. At the closest sensitive receptors, vibration levels would be well below the vibration threshold of potential annoyance of 0.1 inch/second.

Construction can also affect nearby buildings by inflicting damage from vibration. However, construction vibration associated with this project would not result in structural building damage. Building damage typically occurs at vibration levels of 0.5 inch/second or greater for buildings of reinforced-concrete, steel, or timber construction. The heavier pieces of construction equipment used for this project would include backhoes, front-end loaders, and flat-bed trucks. Pile driving, blasting, or other special construction techniques would not be used for construction of the proposed project; therefore, excessive groundborne vibration and groundborne noise with the potential to adversely affect nearby buildings would not be generated. Once operational, the project would not generate groundborne vibration. As such, no building damage would be expected to occur as a result of project-related vibration during construction or operation.

c) For a project located within the vicinity of a private airstrip or an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project expose people residing or working in the project area to excessive noise levels?

No Impact. The project area is not located within the vicinity of a private airstrip. The nearest airport to the project is Palm Springs International Airport, located approximately 7 miles south of the project area (Caltrans 2019). The proposed project area is located outside of the Airport Influence Area Boundary of the Palm Springs International Airport (Riverside County 2005). As such, the project area is not located within a 2-mile radius of any public airport, and no airport land use plans apply to the site. Therefore, the project would not expose people recreating or working in the project area to excessive noise related to public airports.

3.13.3 Mitigation Measures

MM-NOI-1 The following shall be implemented during project construction:

- Construction shall not take place between the hours of 5:00 p.m. and 7:00 a.m. (or between the hours of 6:00 p.m. and 6:00 a.m. when daylight savings time is in effect), or at any time on Sundays.
- Stationary construction noise sources such as generators or pumps shall be located at least 100 feet from sensitive land uses.
- Construction staging areas shall be located as far from noise-sensitive land uses.
- During construction, the contractor shall ensure all construction equipment is equipped with appropriate noise-attenuating devices. Idling equipment shall be turned off when not in use.

- Equipment shall be maintained so that vehicles and their loads are secured from rattling and banging.

3.14 Population and Housing

3.14.1 Environmental Setting

The area surrounding the project site has seen constant growth and urbanization for over 160 years (SCAG 2016). The City's population was 25,200 in 2008 (SCAG 2016). As of January 2019, the City's population is 29,251 (DOF 2019). The City's population is anticipated to be 58,100 by 2035 (SCAG 2016).

3.14.2 Impact Analysis

	Potentially Significant Impact	Less Than Significant Impact With Mitigation Incorporated	Less Than Significant Impact	No Impact
XIV. POPULATION AND HOUSING – Would the project:				
a) Induce substantial unplanned population growth in an area, either directly (for example, by proposing new homes and businesses) or indirectly (for example, through extension of roads or other infrastructure)?	☐	☐	☐	☒
b) Displace substantial numbers of existing people or housing, necessitating the construction of replacement housing elsewhere?	☐	☐	☐	☒

a) Would the project induce substantial unplanned population growth in an area, either directly (for example, by proposing new homes and businesses) or indirectly (for example, through extension of roads or other infrastructure)?

No Impact. The proposed project would include development of the new park with sports fields on the project site, and retain the existing Corporate Yard land uses. The proposed project would not include the construction of any new residences or businesses, and is intended for use by the existing population. Therefore, the proposed project would not affect the location, distribution, density, or growth rate of populations within the project vicinity. Further, the proposed project would not create employment opportunities that could induce population growth. Therefore, no impacts related to substantial unplanned population growth would occur, and no mitigation is required.

b) Would the project displace substantial numbers of existing people or housing, necessitating the construction of replacement housing elsewhere?

No Impact. The proposed project would include development of a new park with sports fields. There is no housing currently present on the project site. Consequently, housing displacement would not occur as a

result of project implementation. Although no housing or people would be displaced by the proposed project, land currently zoned for residential land uses would be developed as a park, and would no longer be available for development of future anticipated residents.

Therefore, the proposed project would not result in an impact to the displacement existing people or housing necessitating the construction of replacement housing elsewhere.

3.14.3 Mitigation Measures

No mitigation measures are required.

3.15 Public Services

3.15.1 Environmental Setting

Fire Protection

The City contracts with Riverside County Fire Department/Cal Fire (RCFD) for a full range of fire protection services provided 24 hours a day 7 days a week. The RCFD is staffed with a combination of County and State of California Department of Forestry & Fire Protection employees. The City has two RCFD fire stations, Battalion 10, Station 37 is the City's busiest fire station and is located at 65958 Pierson Blvd, approximately 0.4 miles north of the proposed project. Battalion 10, Station 36; located at 11535 Karen Avenue is approximately 2.9 miles west of the project site.

In addition to the other RCFD located in the Coachella Valley, the department maintains a cooperative mutual aid agreement with other agencies and communities to assist in suppressing fire or controlling emergency incidents. Mutual aid is an agreement among emergency responders to lend assistance across jurisdictions provided resources are available and is not to the detriment of their own service area.

Police Services

Police services are provided to the project area by the Desert Hot Springs Police Department. The police department operates out of a single location and is located at 65-950 Pierson Blvd, approximately 0.4 miles north of the project site.

Schools

The project site and surrounding area is located within the Palm Springs Unified School District (PSUSD). The PSUSD provides kindergarten through 12th grade educational services and facilities and currently operates 19 elementary schools, 5 middle schools, 4 high schools, and 4 alternative schools.

Within the City and its sphere of influence, PSUSD operates five elementary schools, one middle school, one alternative high school, and one high school. The nearest PSUSD school to the project site is Two Bunch Palms Elementary school, located 0.6 miles south of the project site.

Parks

See Section 3.16, Recreation

Other Public Facilities

The Desert Hot Springs Public Library is located at 11691 West Drive and is a branch of the Riverside County Library System. The Library contains 29,728 volumes within a 3,500 square foot building (City of Desert Hot Springs 2002).

3.15.2 Impact Analysis

	Potentially Significant Impact	Less Than Significant Impact With Mitigation Incorporated	Less Than Significant Impact	No Impact
XV. PUBLIC SERVICES				
a) Would the project result in substantial adverse physical impacts associated with the provision of new or physically altered governmental facilities, need for new or physically altered governmental facilities, the construction of which could cause significant environmental impacts, in order to maintain acceptable service ratios, response times, or other performance objectives for any of the public services:				
Fire protection?	☐	☐	☒	☐
Police protection?	☐	☐	☒	☐
Schools?	☐	☐	☐	☒
Parks?	☐	☐	☒	☐
Other public facilities?	☐	☐	☐	☒

a) Would the project result in substantial adverse physical impacts associated with the provision of new or physically altered governmental facilities, need for new or physically altered governmental facilities, the construction of which could cause significant environmental impacts, in order to maintain acceptable service ratios, response times, or other performance objectives for any of the public services:

Fire protection?

Less Than Significant Impact. As discussed in Section 3.17, Transportation/Traffic, the proposed project would not result in a substantial increase in traffic congestion or significant impacts at local intersections that would delay emergency vehicles. The project site would include two access points: one on Hacienda Avenue and one on Cholla Drive. Development of two access points would make it possible to utilize one as an emergency access, if needed, without restricted access to/from the site. In addition, the proposed project would comply with all Fire Code requirements and the proposed site plan would require approval by the RCFD prior to project implementation. The proposed project would not impair emergency response vehicles, increase times response times, and would not substantially increase calls for service. As such, the response profile for the area would not be significantly impacted in terms of service delivery, staffing requirements, facilities, and equipment.

Although the proposed project would include development of a new park, the project site is located in a developed area that can be easily accessed by the fire department. The proposed project is intended to serve the existing population around the project area and would not induce population growth or significantly increase visitors to the service area. Therefore, the fire department would be able to maintain current levels of service provided to the project site and project vicinity.

Police protection?

Less Than Significant Impact. Police protection and law enforcement services are provided to the City by the Desert Hot Springs Police Department (DHSPD). The project site is serviced by the police station located at 65950 Pierson Boulevard, approximately 0.4 miles north of the site. Although the proposed project would include construction of a new park, the project is intended to serve the existing population in and around the project vicinity and would not significantly increase visitors to the area. Therefore, DHSPD would be able to maintain current levels of service provided to the project site without the need for new police facilities.

Schools?

No Impact. Implementation of the proposed project would not alter existing school facilities or result in an increase in population that would generate new students in the school district.

Parks?

Less Than Significant Impact. According to the City Parks and Recreation Master Plan (City of Desert Hot Springs 2013), the City has a current ratio of one acre per 1,000 residents, which is considerably below the Quimby-recommended ratio of three acres per 1,000 residents. To meet the Quimby standard, the Master Plan identifies a need for an additional 151 acres of parkland by buildout of the City.

The proposed project includes the development of a new City park with two sports fields. Therefore, project implementation would have a positive impact on the City's existing park acreage and would help the City in meeting established standards.

Other public facilities?

No Impact. Implementation of the proposed project would not include any new housing, businesses, or other development that would require new or expanded other public facilities such as hospitals or libraries in the area surrounding the project site.

3.15.3 Mitigation Measures

No mitigation measures are required.

3.16 Recreation

3.16.1 Environmental Setting

The City offers a variety of passive and active recreational opportunities for residents and visitors to the region. According to the Desert Hot Spring's Final Parks and Recreation Master Plan, there are approximately 27.29 total acres of parkland. There are seven parks, recreational facilities including a skate park, two community centers, a Community Health & Wellness Center/Boys & Girls Club, Senior Center and the Cabot's Pueblo Museum. None of these facilities is within or in close proximity to the project site. Guy J. Tedesco Park, located approximately 0.34 miles east of the project site, is the closest recreation facility to the project site. This park encompasses 6.29 acres, featuring a BMX park, playground picnic area, basketball court, and teen center.

3.16.2 Impact Analysis

	Potentially Significant Impact	Less Than Significant Impact With Mitigation Incorporated	Less Than Significant Impact	No Impact
XVI. RECREATION				
a) Would the project increase the use of existing neighborhood and regional parks or other recreational facilities such that substantial physical deterioration of the facility would occur or be accelerated?	☐	☐	☐	☒
b) Does the project include recreational facilities or require the construction or expansion of recreational facilities which might have an adverse physical effect on the environment?	☐	☐	☒	☐

a) Would the project increase the use of existing neighborhood and regional parks or other recreational facilities such that substantial physical deterioration of the facility would occur or be accelerated?

No Impact. The proposed project includes development of an approximately 7.5-acre park consisting of a football field, baseball field, common area with concessions and restroom, and parking and circulation. The purpose of the proposed project is to develop the underutilized parcels as a park, which would provide additional recreational opportunities consistent with the Parks and Recreation Master Plan. The park is proposed adjacent to existing residential development where no nearby recreation facilities are developed.

Development of the proposed park would provide additional parkland to residents, reducing the demand on existing parks within the City and slowing physical deterioration at existing facilities. As such, project implementation would not result in substantial physical deterioration of existing recreational facilities within the City.

Further, as described in Section 3.14, Population and Housing, no residential or commercial land uses are proposed as part of the project that would increase population or employment growth that could result in accelerated use of existing recreational facilities within the City.

b) Does the project include recreational facilities or require the construction or expansion of recreational facilities, which might have an adverse physical effect on the environment?

Less Than Significant Impact with Mitigation Incorporated. There is no identifiable adverse physical impact to the environment resulting from construction of the proposed park. As presented in this IS/MND, potential project-related impacts are either less than significant or less than significant with mitigation incorporated. Mitigation has been proposed for impacts related to biological resources (refer to **MM BIO-1** and **MM BIO-2** in Section 4.4). Additionally, mitigation has been proposed for impacts related to Cultural Resources and TCRs (refer to **MM CUL-1** and **MM CUL-2** in Sections 3.5 and 3.18). In addition, mitigation has been proposed for impacts to paleontological resources (refer to **MM GEO-1** in Section 3.7),

3.16.3 Mitigation Measures

No additional mitigation measures are required.

3.17 Transportation

3.17.1 Environmental Setting

Methodology

Study Area and Scope

Regional access to the project would be via Interstate (I-) 10 and State Route (SR)-62. The roadway network in the City generally follows a north-south grid pattern and the transportation within the City is provided by arterials such as Pierson Boulevard and collector streets such as Palm Drive. Local access to the project would be via Flora Avenue, Cholla Drive and Hacienda Avenue. The project driveway along Cholla Drive would be full access and the driveway along Hacienda Avenue would operate as a right-in-right-out only.

The study area is comprised of three intersections that would mostly be impacted by the project and the two proposed access points to the project site. Figure 6 illustrates the location of the study area intersections. Study area intersections are as follows:

1. Cholla Drive/Flora Avenue
2. Cholla Drive/Hacienda Avenue
3. West Drive/Hacienda Avenue
4. Cholla Drive Project Access
5. Hacienda Avenue Project Access

This analysis focuses on the weekday AM (7:00 to 9:00 a.m.) peak period and the PM (4:00 to 6:00 p.m.) peak period. The peak periods represent the highest cumulative total traffic for the adjacent street system. The intersections were analyzed for the following study scenarios:

- **Existing Conditions** – The study area intersections were analyzed for weekday AM and PM peak hour traffic volumes and operations. The existing conditions analyzed are representative of the year 2019.
- **Existing plus Project Conditions** – This scenario includes analysis of weekday AM and PM peak hour traffic volumes, and traffic operations with project traffic added to the existing conditions. Project traffic comprises of traffic generated from the proposed park use. This traffic was distributed and assigned to the roadway segments and intersections in the study area and analyzed under Existing plus Project conditions.
- **Existing plus Ambient Growth Conditions** – This scenario includes analysis of weekday AM and PM peak hour volumes and traffic operations prior to the time the proposed project is completed and is estimated by increasing the existing traffic volumes by an appropriate growth rate. An average growth rate of 2% per year was utilized based on review of recent studies and projects in the vicinity of the project to forecast and analyze the Existing plus Ambient Growth traffic volumes and conditions.

- **Existing plus Ambient Growth plus Project Conditions** - This scenario includes analysis of weekday AM and PM peak hour traffic volumes, and traffic operations with project traffic added to the Existing plus Ambient Growth conditions.
- **Existing plus Ambient Growth plus Project plus Cumulative Projects Conditions** – This scenario includes analysis of weekday AM and PM peak hour volumes and traffic operations with traffic generated that by other approved/pending projects in the study area within a foreseeable period and added to Existing plus Ambient Growth plus Project traffic volumes and conditions.

Intersection Analysis Methodology

Intersections within the study area were analyzed using the methodologies described in the Highway Capacity Manual, Sixth Edition: A Guide for Multimodal Mobility Analysis (HCM) intersection analysis methodology to analyze the operation of signalized and unsignalized study intersections (TRB 2016). It should be noted that all study intersections are currently unsignalized. The HCM methodology describes the operation of an intersection using a range of Levels of Service (LOS) from LOS A (free-flow conditions) to LOS F (severely congested conditions), based on the corresponding control delay experienced per vehicle for unsignalized intersections. Table 23 shows the LOS for unsignalized and signalized intersections under the HCM methodology (delay).

Table 23. Level of Service for Intersections Using HCM Methodology

Level of Service	Unsignalized Intersections Control Delay (in seconds)	Signalized Intersections Control Delay (in seconds)
A	< 10.0	< 10.0
B	> 10.0 to < 15.0	> 10.0 to < 20.0
C	> 15.0 to < 25.0	> 20.0 to < 35.0
D	> 25.0 to < 35.0	> 35.0 to < 55.0
E	> 35.0 to < 50.0	> 55.0 to < 80.0
F	> 50.0	> 80.0

Source: TRB 2016

Significance Criteria

The City of Desert Hot Springs General Plan Circulation Element has established LOS D as the minimum acceptable LOS for the City's intersections and roadway segments to assure minimal level of peak hour operations. Based on the City-established performance standards, a significant impact would occur if the proposed project causes an intersection to worsen to LOS E or F, from LOS D or better. To reduce a potential impact to a less than significant level, feasible mitigation measures should be identified that will maintain the acceptable LOS. If a project is forecast to worsen a facility already operating at LOS E or F under pre-project conditions, proposed mitigation measures should maintain operation of the impacted facility at pre-project conditions.

Existing Conditions

Existing Roadway System

Flora Avenue is a two-lane, east-west, undivided roadway in the study area and is a unclassified roadway in the City's General Plan – Circulation Element. Parking is allowed along Flora Avenue; however, parking is only allowed on the northern side of the street along the portion of Flora Avenue that is adjacent to the project site. The speed limit is 30 mph within the study area. Existing (ADT count along Flora Avenue between Cholla Drive and West Drive was observed to be 319 vehicles.

Hacienda Avenue is a two-lane, east-west undivided roadway in the study area and is classified as a Major Collector by the City's General Plan – Circulation Element. Parking is allowed along Hacienda Avenue; however, parking is only allowed on the southern side of the street along the portion of Hacienda Avenue that is adjacent to the project site. The speed limit is 30 mph within the study area. Existing ADT count along Hacienda Avenue between Cholla Drive and West Drive was observed to be 1,733 vehicles.

Cholla Drive is a two-lane, north-south undivided roadway in the study area and is classified as a Secondary by the City's General Plan – Circulation Element. Parking is allowed along Cholla Drive; however, parking is only allowed on the western side of the street along the portion of Cholla Drive that is adjacent to the project site. The speed limit is 30 mph within the study area. Existing ADT count along Cholla Drive between Flora Avenue and Hacienda Avenue was observed to be 1,795 vehicles.

West Drive is a two-lane, north-south undivided roadway in the study area and is classified as a Minor Collector by the City's General Plan – Circulation Element. Parking is allowed along some portions of West Drive, and the speed limit is 30 mph within the study area.

Existing Transit System

Public transportation in the City is provided primarily by the Sunline Transit Agency (STA) (City of Desert Hot Springs 2000). There are no routes that directly serve the study area, however STA offers a "Sun Dial" service that provides curb-to-curb service from home to destination (City of Desert Hot Springs 2000).

Sunline Transit Agency (STA)

STA is a Joint Powers Agreement (JPA) consisting of the County of Riverside, and the Cities of Coachella, Desert Hot Springs, Indio, Palm Desert, Palm Springs, Cathedral, Indian Wells, La Quinta, and Rancho Mirage (STA 2019). STA's service area encompasses 1,120 square miles of the Coachella Valley, offering services to the Cities of Cathedral, Coachella, Desert Hot Springs, Indian Wells, Indio, La Quinta, Palm Desert, Palm Springs, Rancho Mirage, and the unincorporated communities of Bermuda Dunes, Desert Edge, Mecca, North Shore, Oasis, Thermal and Thousand Palms (STA 2019).

STA operates 19 bus lines, maintains 665 bus stops and estimates to serve 3.9 million fixed route individual passenger boardings from 2018 to 2019 (STA 2019). Their fixed bus routes operate 363 days a year on Monday through Friday from 5:00 am to 11:00 pm, and on the weekends from 5:00 am to 10:00 pm (STA 2019). STA bus routes generally operate every 20 to 90 minutes (STA 2019). Two routes serve the City and are further discussed below.

Bus Line 14

Bus Line 14 serves the City as well as the City of Palm Springs. Approximately 602,574 passengers used Bus Line 14 from 2017 – 2018 (STA 2019). This route has no bus stops that directly serve the project site. The closest Bus Line 14 stop to the project site is Stop 23, Palm at Estrella, approximately 0.6 miles east. Bus Line 14 is considered a key STA transit route (STA 2019).

Bus Line 15

Bus Line 15 serves Desert Edge to the City. Approximately 113,705 passengers used Bus Line 15 from 2017 – 2018 (STA 2019). Like Bus Line 14, this route has no bus stops directly serving the project site. The closest bus stop to the project site is located at Stop 3 on Hacienda at Palm, approximately 0.5 miles east.

Existing Pedestrian and Bicycle Facilities

The City's Bicycle and Pedestrian Master Plan was finalized in February 2018. The City of Desert Hot Spring Bicycle and Pedestrian Master Plan is used a guide to improve bicycling and walking activity throughout the City.

Pedestrian Facilities

The project site serves active transportation users, as its surrounding areas are mainly residential neighborhoods. Most of the study area roadways are constructed with curbs, gutters, and sidewalks. The portion of Cholla Drive adjacent to the project site has a sidewalk only on the west side of the street. The portion of Flora Avenue adjacent to the project site has a sidewalk only on the north side of the street. The portion of Hacienda Avenue adjacent to the Project site has a sidewalk only on the south side of the street. West Drive is constructed with curbs, gutters, and sidewalks on both sides of the street within the study area.

The project would be responsible for half-width improvements, which would include constructing sidewalks along the project frontage along Cholla Drive and Hacienda Avenue. A pedestrian access to Flora Avenue from the walkway between the corporate yard and baseball field may be proposed at a later date to improve pedestrian connectivity to the site.

Bicycle Facilities

As identified by Caltrans, the following classes are used to identify bicycle facilities within the City:

- **Class I Bike Paths** are hard-surface routes within an exclusive right-of-way physically separated from vehicular roadways and intended specifically for non-motorized use.
- **Class II Bike Lanes** are marked bicycle lanes within roadways adjacent to the curb lane, delineated by appropriate striping and signage.
- **Class III Bike Routes** are marked by a series of signs designating a preferred route between destinations such as residential neighborhoods and shopping areas. These routes share the right-of-way with on-road vehicles.

There are no Class I Bike paths in the City (City of Desert Hot Springs 2019).

According to the City's 2019 Bicycle and Pedestrian Master Plan, existing bike lanes include a class III bike route on West Drive and a class II bike lane on Cholla Drive. Additional bicycle facilities are proposed in the areas surrounding the project site (City of Desert Hot Spring 2019).

Existing Traffic Volumes

Existing weekday ADT counts at the roadway segments and peak hour turn movement counts at the study intersections were conducted in September 2019, during a typical non-holiday week while schools were in session. Traffic count worksheets are provided in Appendix G.

Existing Intersection Operations

Table 24 shows the intersection operations during both the AM and the PM peak hours under the existing conditions. LOS worksheets are provided in Appendix G. All study area intersections are currently operating at LOS C or better under Existing conditions.

Table 24. Existing Weekday Peak Hour Intersection LOS

No.	Intersection	Control	AM Peak		PM Peak	
			Delay[1]	*LOS*[2]	*Delay*[1]	*LOS*[2]
1	Cholla Drive/Flora Avenue	unsignalized	8.8	A	7.4	A
2	Cholla Drive/Hacienda Avenue	unsignalized	9.4	A	7.6	A
3	West Drive/Hacienda Avenue	unsignalized	17.2	C	9.3	A

Source: Appendix G
Notes:
[1] Delay (in seconds) for unsignalized intersections
[2] Level of Service (LOS)

3.17.2 Impact Analysis

	Potentially Significant Impact	Less Than Significant Impact With Mitigation Incorporated	Less Than Significant Impact	No Impact
XVII.TRANSPORTATION – Would the project:				
a) Conflict with a program, plan, ordinance, or policy addressing the circulation system, including transit, roadway, bicycle, and pedestrian facilities?	☐	☐	☒	☐
b) Conflict or be inconsistent with CEQA Guidelines section 15064.3, subdivision (b)?	☐	☐	☒	☐
c) Substantially increase hazards due to a geometric design feature (e.g., sharp curves or dangerous intersections) or incompatible uses (e.g., farm equipment)?	☐	☐	☒	☐
d) Result in inadequate emergency access?	☐	☐	☒	☐

a) Would the project conflict with a program, plan, ordinance, or policy addressing the circulation system, including transit, roadway, bicycle, and pedestrian facilities?

Less Than Significant Impact. The proposed project would not conflict with an applicable plan, ordinance, or policy that establishes measures of effectiveness for the performance of the circulation system, as further discussed below.

Trip Generation

A review of trip generation rates for a park use was conducted to determine the most appropriate daily and peak hour trip rate for the project. It should be noted that the San Diego Association of Governments (SANDAG) Brief Guide of Vehicular Trip Generation Rates for the San Diego Region, April 2002, City Park generation rate (i.e., 50 trips per acre) is significantly higher than the Institute of Transportation Engineers Trip Generation, 10th Edition (ITE 2017), Public Park generation rate (i.e. 0.78 trips per acre). Therefore, to provide a conservative analysis, the SANDAG trip generation rate was selected to determine the trip generation of the project.

Table 25 presents the trip generation for the project. Since the project proposes various outdoor events and has less enclosed facilities, to be conservative, the City Park trip rate was been utilized to estimate the trip generation for the park site (7.5 acres). It should be noted that this trip rate is representative of a typical weekday and weekend activities such as special events related to sports fields may generate additional trips.

Table 25. Project Trip Generation

Land Use	Size/Units	Daily	AM Peak Hour			PM Peak Hour		
			In	*Out*	*Total*	*In*	*Out*	*Total*
Trip Rates[1]								
City Park (w meeting rooms and sports facilities)	per acre	50.0	50%	50%	13%	50%	50%	9%
Trip Generation								
Corporate Yard Park	7.50 acres	375	25	24	49	17	17	34

Source: Appendix G
Notes:
[1] Daily trip rate AM and PM trip rate from SANDAG's Brief Guide of Vehicular Traffic Generation Rates for the San Diego Region, April 2002.

As shown in Table 25, the proposed project would generate approximately 375 daily trips, including 49 AM peak-hour trips (25 inbound and 24 outbound), and 34 PM peak-hour trips (17 inbound and 17 outbound).

Trip Distribution and Assignment

Local trip distribution for the project was determined based on logical commute patterns, the surrounding roadway network and review of recent traffic studies prepared for other developments in the vicinity of the project. Approximately 25% of the project traffic would be expected to travel east along Hacienda Avenue, 25% and 15% would travel north along West Drive and Cholla Drive, respectively. Approximately 15% is forecast to travel south along Cholla Drive and West Drive and about 5% would travel west along Flora Avenue.

The trip distribution percentages to and from the intersection were applied to the proposed project's weekday AM and PM peak-hour trip generation estimates to calculate the project trip assignment (i.e., AM and PM peak-hour volumes that the project would generate).

Existing plus Project Conditions

The project-specific impacts under Existing plus Project conditions within the study area for intersection operations were analyzed based on the City of Desert Hot Springs LOS criteria. Project traffic volumes were added to the Existing traffic volumes to derive the Existing plus Project traffic condition.

Intersection Operations

An intersection LOS analysis was prepared for the Existing plus Project condition using the HCM methodology for unsignalized intersections. Table 26 summarizes the results of the Existing plus Project intersection analysis for the AM and PM peak hours.

Table 26. Existing Plus Project Peak Hour Intersection LOS

No.	Intersection	Control	Peak Hour Delay – LOS		Significant Impact?	
			AM	*PM*	*AM*	*PM*

1	Cholla Drive/Flora Avenue	unsignalized	9.0 - A	7.4 - A	No	No
2	Cholla Drive/Hacienda Avenue	unsignalized	9.7 - A	7.6 - A	No	No
3	West Drive/Hacienda Avenue	unsignalized	17.8 - C	9.4 - A	No	No
4	Cholla Drive/Project Access	unsignalized	10.9 - B	9.3 - A	No	No
5	Project Access/Hacienda Avenue	unsignalized	10.9 - B	9.4 - A	No	No

Source: Appendix G
Notes:
[1] Delay (in seconds) for unsignalized intersections
[2] Level of Service (LOS)

As shown in Table 26, all of the study area intersections are forecast to continue to operate with satisfactory LOS, at LOS C or better, under Existing plus Project conditions during both peak hours. As such, the proposed project would not significantly affect study area intersections under Existing plus Project conditions.

Existing plus Ambient Growth plus Project Conditions

The project-specific impacts under Existing plus Ambient Growth plus Project conditions within the study area for intersection operations were analyzed based on the City of Desert Hot Springs LOS criteria. Project traffic volumes were added to the Existing plus Ambient Growth traffic volumes to derive the Existing plus Ambient Growth plus Project traffic condition.

Intersection Operations

An intersection LOS analysis was prepared for the Existing plus Ambient Growth plus Project condition using the HCM methodology for unsignalized intersections. Table 27 summarizes the results of the Existing plus Ambient Growth plus Project intersection analysis for the AM and PM peak hours. Detailed LOS calculation worksheets are included in Appendix G.

Table 27. Existing Plus Ambient Growth Plus Project Peak Hour Intersection LOS

No.	Intersection	Control	Peak Hour Delay – LOS		Significant Impact?	
			AM	*PM*	*AM*	*PM*
1	Cholla Drive/Flora Avenue	unsignalized	9.2 - A	7.5 - A	No	No
2	Cholla Drive/Hacienda Avenue	unsignalized	9.9 - A	7.7 - A	No	No
3	West Drive/Hacienda Avenue	unsignalized	19.9 - C	9.6 - A	No	No
4	Cholla Drive/Project Access	unsignalized	11.0 - B	9.3 - A	No	No
5	Project Access/Hacienda Avenue	unsignalized	11.0 - B	9.4 - A	No	No

Source: Appendix G
Notes:
[1] Delay (in seconds) for unsignalized intersections
[2] Level of Service (LOS)

As shown in Table 27, all of the study area intersections are forecast to continue to operate with satisfactory LOS, at LOS C or better, under Existing plus Ambient Growth plus Project conditions during both peak hours. As such, the proposed project would not significantly affect study area intersections under Existing plus Ambient Growth plus Project conditions.

Existing plus Ambient Growth plus Project plus Cumulative Projects Conditions

The project-specific impacts under Existing plus Ambient Growth plus Project plus Cumulative conditions within the study area for intersection operations were analyzed based on the City of Desert Hot Springs LOS criteria. A list of approved/pending projects was obtained from the City. The location, land use, and trip generation summary of the cumulative projects list is summarized in Table 28. Traffic volumes estimated from trip generation (Table 25) were added to the Existing plus Ambient Growth plus Project traffic volumes.

Table 28. Cumulative Projects Trip Generation Summary

Project	Location	Land use/Description	Size/Units	Daily
1. New City Hall[1]	11999 Palm Drive	New single-story office building	13,400 sf	303
2. New Social Services Building[1]	65753 Pierson Blvd	New County Services Building and Commercial Strip Center	80,000 sf	1,807
3. Best Western Hotel and SPA[1]	Southwest corner of 8th Street & Palm Drive	Hotel and SPA	80 rooms	669
4. Hacienda Assisted Care[1]	66753 Hacienda Ave	Assisted Living Facility	12 beds	50
5. Grocery Outet[2]	Northwest corner of Palm Drive and Park Lane	Retail (Phase I: Gasoline with Convenience store and car wash plus fast food)	20,000 sf	1,399
6. County Library[3]	Pierson Blvd	New County Library	15,000 sf	1,081
7. Marbella Villa Condominiums[1]	15th Street west of Palm Drive	New residential condos, community club house, public art, etc.	404 units	2,198
			Total Cumulative Project Trip Generation	**7,507**

Source: City of Desert Hot Springs 2019
Notes:
[1] Trip generation estimated using appropriate trip rates from the Institute of Transportation Engineers, Trip Generation, 10th Edition, 2017.
[2] Trip generation from Traffic impact Analysis for Grocery Outlet Store, Desert Hot Springs, KD Anderson & Associates Inc., January 29, 2019
[3] Trip Generation from Scoping Agreement for Desert Hot Springs Library Facility Project, Gandini Group, Inc., 2019

Intersection Operations

An intersection LOS analysis was prepared for the Existing plus Ambient Growth plus Project plus Cumulative Projects condition using the HCM methodology for unsignalized intersections. Table 29 summarizes the results of the Existing plus Ambient Growth plus Project intersection analysis for the AM and PM peak hours.

Table 29. Cumulative Conditions Weekday Peak Hour Intersection LOS

No.	Intersection	Control	Peak Hour Delay – LOS		Significant Impact?	
			AM	*PM*	*AM*	*PM*
1	Cholla Drive/Flora Avenue	unsignalized	9.4 - A	7.6 - A	No	No
2	Cholla Drive/Hacienda Avenue	unsignalized	9.9 - A	7.7 - A	No	No
3	West Drive/Hacienda Avenue	unsignalized	21.7 - C	9.9 - A	No	No
4	Cholla Drive/Project Access	unsignalized	11.1 - B	9.4 - A	No	No
5	Project Access/Hacienda Avenue	unsignalized	11.1 - B	9.5 - A	No	No

Source: Appendix G
Notes:
[1] Delay (in seconds) for unsignalized intersections
[2] Level of Service (LOS)

As shown in Table 29, all of the study area intersections are forecast to continue to operate with satisfactory LOS, at LOS C or better, under Existing plus Ambient Growth plus Project plus Cumulative Projects conditions during both peak hours. As such, the proposed project would not significantly affect study area intersections under Existing plus Ambient Growth plus Project plus Cumulative Projects conditions.

Conclusion

As shown under the analysis of existing, existing plus ambient growth and cumulative conditions, the proposed project would not result in LOS that conflicts with policies established in the City's General Plan. Therefore, the project would not conflict with a program, plan, ordinance, or policy addressing the circulation system, including transit, roadway, bicycle, and pedestrian facilities.

b) Would the project conflict or be inconsistent with CEQA Guidelines section 15064.3, subdivision (b)?

Less Than Significant Impact. CEQA Guidelines Section 15064.3, subdivision (b), focuses on newly adopted criteria adopted pursuant to SB 743 for determining the significance of transportation impacts. Pursuant to SB 743, the focus of transportation analysis changes from vehicle delay to vehicle miles traveled (VMT). The related updates to the CEQA Guidelines required under SB 743 were approved on December 28, 2018. As stated in CEQA Guidelines Section 15064.3(c), the provisions of Section 15064.3 shall apply prospectively. A lead agency may elect to be governed by the provision of Section 15064.3 immediately. The provisions must be implemented statewide by July 1, 2020.

The project's VMT was estimated using CalEEMod Version 2016.3.2 (CAPCOA 2017). CalEEMod is a statewide computer model developed in cooperation with air districts throughout the state to quantify criteria air pollutant emissions associated with the construction and operational activities from a variety of land use projects, such as residential, commercial, and industrial facilities. CalEEMod does not incorporate any traffic model or local data, and is therefore a conservative estimating tool for VMT. The project's annual VMT is estimated to be 1,241,798, totaling 3,402 on a daily basis.

Per the Technical Advisory on Evaluating Transportation Impacts in CEQA, residential, office and retail projects tend to have the greatest influence on VMT and the projects that decrease local VMT but increase total VMT should be avoided. No residential, office and retail use land uses are proposed as part of the

project. As such, the proposed project would primarily serve the recreational needs of the local residents and is not considered to have a significant VMT impact. Therefore, the proposed project would not conflict or be inconsistent with CEQA Guidelines Section 15064.3(b) and the impacts would be less than significant.

c) Would the project substantially increase hazards due to a geometric design feature (e.g., sharp curves or dangerous intersections) or incompatible uses (e.g., farm equipment)?

Less than Significant Impact. The proposed project would be accessed from Cholla Drive via a full-access driveway (main access) and from Hacienda Drive (secondary access) via a right-in-right-out only driveway. The project would be responsible for on-site circulation improvements (driveways and internal drive aisles) and frontage improvements along Cholla Drive and Hacienda Drive. These on-site and adjacent improvements would be designed in accordance with all applicable design standards set forth by the City. The design will undergo City and Fire Department review before approval to ensure that the local development standards for roadways are met without resulting in traffic safety impacts including hazardous design features. The project would not include sharp curves or dangerous intersections. Additionally, as shown in the response to Impact 3.16.2(a), the level of service at the proposed driveway intersections along Cholla Drive (Intersection # 4) and Hacienda Avenue (Intersection # 5) would be LOS B or better and would not cause a significant delay.

d) Would the project result in inadequate emergency access?

Less than Significant Impact. As discussed in the response to Impact 3.16.2(c), the project site would be accessible via driveways along Cholla Drive and Hacienda Drive. Each of the proposed driveways would be designed and constructed to City standards and comply with City width, clearance, and turning-radius requirements. The project site would be designed with adequate space for an emergency vehicle to enter the paved common area from the roundabout. There would also be access at the west end of the football field, adjacent to the parking lot and, if necessary, an emergency vehicle could enter the grass area at the southeast corner of the site from Hacienda Avenue. The project site would be accessible to emergency responders during construction and operation of the proposed project. Development of two driveway access points and compliance with all applicable local requirements related to emergency vehicle access and circulation would ensure the proposed project would not result in inadequate emergency access.

3.17.3 Mitigation Measures

No mitigation measures are required.

3.18 Tribal Cultural Resources

3.18.1 Environmental Setting

Assembly Bill (AB) 52, which went into effect on July 1, 2015, requires a lead agency to consider a project's impacts on Tribal Cultural Resources (TCRs). Such resources include sites, features, places, cultural landscapes, sacred places, and objects with cultural value to a California Native American tribe that are eligible for inclusion in the California Register or included in a local register of historical resources (PRC Section 21074). AB 52 also gives Lead Agencies the discretion to determine, supported by substantial evidence, whether a resource falling outside the definition stated above nonetheless qualifies as a "tribal cultural resource."

Native American Heritage Commission Outreach

On November 13, 2019, Dudek requested that the Native American Heritage Commission (NAHC) conduct a search of its Sacred Lands File to determine if cultural resources important to Native Americans have been recorded in the project footprint and buffer area. On November 18, 2019, Dudek received a response from NAHC stating that the search of its Sacred Lands File was positive for the presence of Native American cultural resources within one mile of the project site or surrounding vicinity. The NAHC requested that the City contact the following tribes for more information:

- Agua Caliente Band of Cahuilla Indians, Jeff Grubbe, Chairperson
- Agua Caliente Band of Cahuilla Indians, Patricia Garcia, THPO
- Augustine Band of Cahuilla Mission Indians, Amanda Vance, Chairperson
- Cabazon Band of Mission Indians, Doug Welmas, Chairperson
- Cahuilla Band of Indians, Luther Salgado, Chairperson
- Los Coyotes Band of Mission Indians, Shane Chapparosa, Chairperson
- Los Coyotes Band of Mission Indians, John Parada, Environmental Director
- Morongo Band of Mission Indians, Robert Martin, Chairperson
- Morongo Band of Mission Indians, Denisa Torres, Cultural Resource Manager
- Ramona Band of Mission Indians, John Gomez, Environmental Coordinator
- Ramona Band of Cahuilla Mission Indians, Joseph Hamilton, Chairperson
- San Fernando Band of Mission Indians, John Valenzuela, Chairperson
- San Manuel Band of Mission Indians, Lee Clauss, Director of Cultural Resources
- Santa Rosa Band of Mission Indians, Steven Estrada, Chairperson
- Serrano Nation of Mission Indians, Goldie Walker, Chairperson
- Soboba Band of Luiseno Indians, Joseph Ontiveros, Cultural Resource Department
- Soboba Band of Luiseno Indians, Rosemary Morillo, Chairperson
- Soboba Band of Luiseno Indians, Carrie Garcia, Cultural Resources Manager
- Torres-Martinez Desert Cahuilla Indians, Michael Mirelez, Cultural Resource Coordinator

To date, two letter responses have been received. Agua Caliente Band of Cahuilla Indians responded in a letter dated November 27, 2019. The tribal representative stated that the project site is not within the Tribe's reservation, but it is within the Tribes Traditional Use Area. Soboba Band of Luiseno Indians responded in a letter dated November 29, 2019, The tribal representative stated that the project site is outside of the existing reservation, but the project site falls within the Tribe's Traditional Use Area. No information has been received documenting any known TCRs that would be impacted by the proposed project.

Assembly Bill 52 Outreach

The City requested list of Native American contacts from the NAHC. On April 9, 2020, the City received a response from the NAHC with a consultation list of tribes that are traditionally and culturally affiliated with the geographic area of the proposed project. The list included a total of 27 tribal representatives from 23 Native American tribes.

On May 14, 2020, the City mailed AB 52 notification letters via certified mail to tribal representatives identified by the NAHC, as follows:

- Agua Caliente Band of Cahuilla Indians, Jeff Grubbe, Chairperson
- Augustine Band of Cahuilla Indians, Amanda Vance, Chairperson
- Cabazon Band of Mission Indians, Doug Welmas, Chairperson
- Cahuilla Band of Indians, Daniel Salgado, Chairperson
- Campo Band of Diegueno Mission Indians, Ralph Goff, Chairperson
- Ewiiaapaayp Band of Kumeyaay Indians, Michael Garcia, Vice Chairperson
- Ewiiaapaayp Band of Kumeyaay Indians, Robert Pinto, Chairperson
- Jamul Indian Village, Erica Pinto, Chairperson
- Jamul Indian Village, Lisa Cumper, THPO
- La Posta Band of Diegueno Mission Indians, Javaughn Miller, Tribal Administrator
- Los Coyotes Band of Mission Indians, Shane Chapparosa, Chairperson
- Manzanita Band of Kumeyaay Nation, Angela Elliott Santos, Chairperson
- Mesa Grande Band of Diegueno Mission Indians, Micheal Linton, Chairperson
- Morongo Band of Mission Indians, Robert Martin, Chairperson
- Quechan Tribe of Fort Yuma Reservation, Jill McCormick, Historic Preservation Officer
- Ramona Band of Cahuilla Mission Indians, Joseph Hamilton, Chairperson
- San Fernando Band of Mission Indians, Donna Yocum, Chairperson
- San Manuel Band of Mission Indians, Jessica Mauck, Director of Cultural Resources
- Santa Rosa Band of Mission Indians, Steven Estrada, Chairperson
- Serrano Nation of Mission Indians, Wayne Walker, Co-Chairperson
- Serrano Nation of Mission Indians, Mark Cochrane, Co-Chairperson
- Soboba Band of Luiseno Indians, Scott Cozart, Chairperson
- Sycuan Band of the Kumeyaay Nation, Cody Martinez, Chairperson
- Torres-Martinez Desert Cahuilla Indians, Thomas Tortez, Chairperson
- Twenty-Nine Palms Band of Mission Indians, Darrell Mike, Chairperson
- Viejas Band of Kumeyaay Indians, John Christman, Chairperson

During the 30-day response period, the City received responses from four tribes: the San Manuel Band of Mission Indians, Cabazon Band of Mission Indians, Quechan Tribe of Fort Yuma Reservation and Soboba Band of Luiseno Indians. The Soboba Band of Luiseno Indians responded on June 11, 2020, requesting formal consultation with the City. The response letter did not indicate presence of TCRs within the project site, but included a request a consultation meeting with the City. The other three responding tribes declined formal AB 52 consultation.

3.18.2 Impact Analysis

	Potentially Significant Impact	Less Than Significant Impact With Mitigation Incorporated	Less Than Significant Impact	No Impact
XVIII. TRIBAL CULTURAL RESOURCES				
Would the project cause a substantial adverse change in the significance of a tribal cultural resource, defined in Public Resources Code section 21074 as either a site, feature, place, cultural landscape that is geographically defined in terms of the size and scope of the landscape, sacred place, or object with cultural value to a California Native American tribe, and that is:				
a) Listed or eligible for listing in the California Register of Historical Resources, or in a local register of historical resources as defined in Public Resources Code section 5020.1(k), or	☐	☒	☐	☐
b) A resource determined by the lead agency, in its discretion and supported by substantial evidence, to be significant pursuant to criteria set forth in subdivision (c) of Public Resources Code Section 5024.1. In applying the criteria set forth in subdivision (c) of Public Resource Code Section 5024.1, the lead agency shall consider the significance of the resource to a California Native American tribe?	☐	☒	☐	☐

a) Would the project cause a substantial adverse change in the significance of a tribal cultural resource, defined in Public Resources Code section 21074 as either a site, feature, place, cultural landscape that is geographically defined in terms of the size and scope of the landscape, sacred place, or object with cultural value to a California Native American tribe, and that is:

i) Listed or eligible for listing in the California Register of Historical Resources, or in a local register of historical resources as defined in Public Resources Code section 5020.1(k)?

Less Than Significant Impact with Mitigation Incorporated. As discussed in Section 3.5, Cultural Resources, Response 3.5(b), the records search indicates that 38 previously recorded cultural resources were located within the 1-mile study area buffer, but no resources have been identified within or near the project site. Nonetheless, there is potential for inadvertent discovery of TCRs during ground-disturbing construction activities. **MM-CUL-1** would be implemented during construction in the event of an inadvertent discovery of archaeological resources to allow for assessment and evaluation of the resources. Furthermore, **MM-CUL-2** contains protocol to be implemented should construction activities uncover human remains. As such, impacts to TCRs eligible for listing in the California Register of Historic Places (CRHR) would be less than significant with mitigation incorporated.

ii) A resource determined by the lead agency, in its discretion and supported by substantial evidence, to be significant pursuant to criteria set forth in subdivision (c) of Public Resources Code Section 5024.1. In applying the criteria set forth in subdivision (c) of Public Resource Code Section 5024.1, the lead agency shall consider the significance of the resource to a California Native American tribe?

Less Than Significant Impact with Mitigation Incorporated. No known TCRs have been identified in the project site through previous archeological investigations, site reconnaissance or in consultation with affiliated tribes identified in the NAHC SFL. The City is currently undergoing government-to-government consultation with the Soboba Band of Luiseno Indians, pursuant to AB 52. During the formal consultation process, the Soboba tribal representative has made recommendations to incorporate mitigation that would ultimately reduce the potential to impact subsurface archaeological resources and TCRs. As such, as discussed in Section 3.5.2, with the implementation of **MM-CUL-1 through MM-CUL-5,** impacts associated with TCRs would be less than significant.

3.18.3 Mitigation Measures

Implementation of **MM-CUL-1** through **M-CUL-5**, included in their entirety in Section 3.5.3, would reduce potential impacts to TCRs.

3.19 Utilities and Service Systems

3.19.1 Environmental Setting

Domestic Water

Domestic water for project site is provided by Mission Springs Water District (MSWD). MSWD's water supply source is 100 percent groundwater produced from MSWD-owned and operated wells. The District provides water service to approximately 37,600 people in their water service area (MSWD 2016). MSWD maintains approximately 276 miles of water lines, 20 reservoir sites, and 24 pumps sites within 10 pressure zones (MSWD 2017). Annually, MSWD produces approximately 9,000 acre-feet of water for their service area of 135 square miles (MSWD 2017).

Wastewater

Sanitary sewer collection and treatment facilities for the project site are provided by MSWD. MSWD maintains approximately 89 miles of sewer lines within the service area of approximately 135 square miles (MSWD 2017). The District operates two separate wastewater treatment plants, which currently treat approximately 2.3 million gallons per day.

Solid Waste

The City has a franchise agreement with Desert Valley Disposal Inc. (DVD) for the provision of complete residential, commercial and roll-off trash disposal. Additional services include electronic waste pick-up, construction debris removal and paper shredding services for commercial and industrial businesses.

3.19.2 Impact Analysis

	Potentially Significant Impact	Less Than Significant Impact With Mitigation Incorporated	Less Than Significant Impact	No Impact
XIX. UTILITIES AND SERVICE SYSTEMS – Would the project:				
a) Require or result in the relocation or construction of new or expanded water, wastewater treatment, or storm water drainage, electric power, natural gas, or telecommunications facilities, the construction or relocation of which could cause significant environmental effects?	☐	☐	☒	☐
b) Have sufficient water supplies available to serve the project and reasonably foreseeable future development during normal, dry, and multiple dry years?	☐	☐	☒	☐
c) Result in a determination by the wastewater treatment provider, which serves or may serve the project that it has adequate capacity to serve the project's projected demand in addition to the provider's existing commitments?	☐	☐	☒	☐
d) Generate solid waste in excess of State or local standards, or in excess of the capacity of local infrastructure, or otherwise impair the attainment of solid waste reduction goals?	☐	☐	☒	☐
e) Comply with federal, state, and local management and reduction statutes and regulations related to solid waste?	☐	☐	☒	☐

a) Would the project require or result in the relocation or construction of new or expanded water, wastewater treatment, or storm water drainage, electric power, natural gas, or telecommunications facilities, the construction or relocation of which could cause significant environmental effects?

Water

Less Than Significant Impact. The MSWD total water demand in 2020 is projected to be 9,550 acre-feet per year (AFY) (MSWD 2016). The MSWD 2015 UWMP assumes a portion of the water supply, starting in 2020 would be from recycled water, but no infrastructure has been established to-date that can treat and distribute recycled water to allowable land uses, such as landscaping.

Landscape water demand for the project is based on the estimated landscape irrigation area and water usage equations of the MSWD Water Efficient Landscaping Guidelines (MSWD 2009). The overall purpose of the guidelines is to establish effective water efficient landscape requirements for newly installed and rehabilitated landscapes. The estimated landscape water demand for the proposed project would be 0.018 million gallons per day (mgd). Water demand associated with the on-site restrooms (2 stalls) and water fountains in common areas would result in a negligible increase to the landscape water demand. As such,

the total water demand for the proposed project would be 0.018 mgd (20 AFY). The total estimated water demand for the proposed project would increase the City's total annual water demand by 0.002 percent. As such, the proposed project would not result in a substantial increase in water demand that would require construction of new water infrastructure.

Approximately one third of the project site is currently developed as the City's Corporate Yard and animal shelter. The remaining two thirds of the project site is vacant, disturbed land. Existing water infrastructure is present along Hacienda Avenue, Cholla Drive and Flora Avenue. The proposed project would connect to the existing sewer lines adjacent to the project site, and would not require expansion of the existing water lines to serve the project site.

Sewer

Less Than Significant Impact. MSWD provides wastewater collection services to the project site. MSWD's existing wastewater system consists of approximately 89 miles of sewer line, concentrated in the central portion of the City where development is most dense. Existing sewer lines west of West Drive, where the project is located, were installed in the 1980s (MSWD 2016). Existing sewer infrastructure is present along Hacienda Avenue, Cholla Drive and Flora Avenue, adjacent to the project site. The proposed project would connect to the existing sewer lines adjacent to the project site, and would not require expansion of the existing sewer lines to serve the project site.

b) Would the project have sufficient water supplies available to serve the project and reasonably foreseeable future development during normal, dry, and multiple dry years?

Less Than Significant Impact. MSWD provides domestic water and wastewater service to the project site. MSWD's water supply source is 100 percent groundwater produced from MSWD-owned and operated wells that draw from the Mission Creek Subbasin. The Mission Creek Subbasin is considered an unconfined aquifer with a saturated thickness of 1,200 feet or more and an estimated total storage capacity on the order of 2.6 million acre-feet. The subbasin is naturally recharged by surface and subsurface flow from the Mission Creek, Dry, and Big Morongo Washes, the Painted Hills, and surrounding mountain drainages (MSWD 2016).

The Mission Creek Subbasin is currently in overdraft condition (MSWD 2016). Groundwater overdraft within the Mission Creek Subbasin (excluding artificial recharge) is now estimated to have averaged up to 9,000 AFY. Due to continuing overdraft conditions in the Mission Creek Subbasin, Coachella Valley Water District (CVWD) and Desert Water Authority (DWA) began constructing facilities to replenish the Mission Creek Subbasin in October 2001. The current replenishment program is effectively increasing water levels and is expected to stabilize or reverse the water level decline. As required by the policies of the General Plan, the City will continue to cooperate with MSWD and other agencies/jurisdictions in implementing a groundwater replenishment program capable of ensuring the viability of the Mission Creek subbasin.

Because the current replenishment programs for the Mission Creek Subbasin seem to be increasing water levels, there are sufficient supplies available for mission springs to continue pumping groundwater to support its services area. As described in 3.19.2(a), the proposed project would result in an increase the City's total annual water demand by 0.002 percent. As such, the proposed project would not result in a substantial increase in water demand that would exceed MSWD's water supply.

c) Would the project result in a determination by the wastewater treatment provider, which serves or may serve the project that it has adequate capacity to serve the project's projected demand in addition to the provider's existing commitments?

Less Than Significant Impact. MSWD operates two wastewater treatment plants (WWTP). The Horton WWTP, located on Verbena Drive approximately 1.2 miles southeast of the project site, has a capacity of 2.3 million gallons per day (mgd) (2,800 AFY). The average daily flow metered to the plant in 2015 was 1.69 mgd (1,893 AFY). The Desert Crest WWTP is located about 4 miles southeast of the project site, has a capacity of 0.18 mgd (202 AFY) and serves a country club development and mobile home park. The average daily flow to the Desert Crest WWTP in 2015 was metered at 0.04 mgd (45 AFY). The 2015 wastewater demand used approximately 70 percent of MSWD's existing WWTP capacity. In addition, MSWD approved the West Valley Water Reclamation Program in August 2019. The first phase of the WVWRP would be developed over a period up to 10 years with a maximum design capacity of 1.5 mdg.

The wastewater demand for the Corporate Yard is assumed to remain unchanged. The proposed park would result in minimal wastewater demand associated with the restroom facility within two toilets and sinks, and water fountains in common areas. Irrigation water would be conveyed to on-site stormwater infrastructure, where it would infiltrate the soil and return to the groundwater table. As such, the proposed project would not result substantially increase the total MSWD wastewater demand, and MSWD would have adequate capacity to serve the project site.

d) Would the project generate solid waste in excess of State or local standards, or in excess of the capacity of local infrastructure, or otherwise impair the attainment of solid waste reduction goals?

Less Than Significant Impact. Solid waste disposal and recycling services for the City are provided by Desert Valley Disposal (DVD). Solid was and green waste collected from the project site would be hauled to the Edom Hill Transfer Station. Waste from this transfer station would then be sent to a permitted landfill of recycling facility outside of the Coachella Valley. These include Badlands Disposal Site, El Sobrante Sanitary Landfill, and/or Lamb Canyon Disposal Site. Data indicates that these landfills have approximately 25, 50, and 95 percent of their remaining design capacity, respectively (EPA 2019).

As described further in Section 3.14, Population and Housing, the proposed project includes implementation of a park use that would not result in any increase in population or employment. Although the proposed project would result in an increase in visitors to the site, any increase in solid waste associated with on-site users of the park, such as trash and rubbish from park users, is anticipated to be nominal and within the existing service capacity of the DVD, which currently serves the project area.

e) Would the project comply with federal, state, and local management and reduction statutes and regulations related to solid waste?

Less Than Significant Impact. The California Integrated Waste Management Act (AB 939) changed the focus of solid waste management from landfill to diversion strategies (e.g., source reduction, recycling, and composting). The purpose of the diversion strategies is to reduce dependence on landfills for solid waste disposal. AB 939 established mandatory diversion goals of 25 percent by 1995 and 50 percent by 2000. DVD services include both typical solid waste and green waste generated at the project site (cardboard, paper waste, food waste, etc.) that can be transferred to Edom Hill Transfer Station.

In an effort to reduce the amount of solid waste that would ultimately end up in a county landfill, DVD provides a resource recovery/recycling service that includes provision of a container for the separation of

cans, glass and newsprint for weekly pick up. Each development within the DLVSP would be supplied with a container for recyclable items that is separate from the solid waste container. This program is in conformance with AB 939.

3.19.3 Mitigation Measures

No mitigation measures are required.

3.20 Wildfire

3.20.1 Environmental Setting

The California Department of Forestry and Fire Protection (CAL FIRE) classifies land in California based on fire hazard severity. An area that is not located within a state responsibility area (SRA) is designated as either a local responsibility area (LRA) or federal responsibility area (FRA) for fire protection. The project is designated as a LRA. The entire project site is classified as non-very high fire hazard severity zone (Non-VHFHSZ) (CAL FIRE 2009).

3.20.2 Impact Analysis

	Potentially Significant Impact	Less Than Significant Impact With Mitigation Incorporated	Less Than Significant Impact	No Impact
XX. WILDFIRE – If located in or near state responsibility areas or lands classified as very high fire hazard severity zones, would the project:				
a) Substantially impair an adopted emergency response plan or emergency evacuation plan?	☐	☐	☐	☒
b) Due to slope, prevailing winds, and other factors, exacerbate wildfire risks, and thereby expose project occupants to, pollutant concentrations from a wildfire or the uncontrolled spread of a wildfire?	☐	☐	☐	☒
c) Require the installation or maintenance of associated infrastructure (such as roads, fuel breaks, emergency water sources, power lines, or other utilities) that may exacerbate fire risk or that may result in temporary or ongoing impacts to the environment?	☐	☐	☐	☒
d) Expose people or structures to significant risks, including downslope or downstream flooding or landslides, as a result of runoff, post-fire slope instability, or drainage changes?	☐	☐	☐	☒

a) Would the project substantially impair an adopted emergency response plan or emergency evacuation plan?

No Impact. The project site is not located within or near SRAs or land classified as a Very High Fire Hazards Severity Zone (CAL FIRE 2009). In addition, as discussed in Section 3.9, Hazards and Hazardous Materials, the proposed project does not include any characteristics (e.g., temporary or permanent road closures or the long-term blocking of road access) that would physically impair or otherwise conflict with an adopted emergency response plan or emergency evacuation plan.

b) Due to slope, prevailing winds, and other factors, would the project exacerbate wildfire risks, and thereby expose project occupants to, pollutant concentrations from a wildfire or the uncontrolled spread of a wildfire?

No Impact. The project site is not located within or near SRAs or land classified as a Very High Fire Hazards Severity Zone (CAL FIRE 2009).

c) Would the project require the installation or maintenance of associated infrastructure (such as roads, fuel breaks, emergency water sources, power lines, or other utilities) that may exacerbate fire risk or that may result in temporary or ongoing impacts to the environment?

No Impact. The project site is not located within or near SRAs or land classified as a Very High Fire Hazards Severity Zone (CAL FIRE 2009).

d) Would the project expose people or structures to significant risks, including downslope or downstream flooding or landslides, as a result of runoff, post-fire slope instability, or drainage changes?

No Impact. The project site is not located within or near SRAs or land classified as a Very High Fire Hazards Severity Zone (CAL FIRE 2009). In addition, As previously discussed in Section 3.7, Geology and Soils, landslides or other forms of natural slope instability do not represent a significant hazard to the project because the project site is located in a relatively flat area.

3.20.3 Mitigation Measures

No mitigation measures are required.

3.21 Mandatory Findings of Significance

	Potentially Significant Impact	Less Than Significant Impact With Mitigation Incorporated	Less Than Significant Impact	No Impact
XXI. MANDATORY FINDINGS OF SIGNIFICANCE				
a) Does the project have the potential to substantially degrade the quality of the environment, substantially reduce the habitat of a fish or wildlife species, cause a fish or wildlife population to drop below self-sustaining levels, threaten to eliminate a plant or animal community, substantially reduce the number or restrict the range of a rare or endangered plant or animal or eliminate important examples of the major periods of California history or prehistory?	☐	☒	☐	☐
b) Does the project have impacts that are individually limited, but cumulatively considerable? ("Cumulatively considerable" means that the incremental effects of a project are considerable when viewed in connection with the effects of past projects, the effects of other current projects, and the effects of probable future projects)?	☐	☒	☐	☐
c) Does the project have environmental effects which will cause substantial adverse effects on human beings, either directly or indirectly?	☐	☐	☒	☐

a) Does the project have the potential to substantially degrade the quality of the environment, substantially reduce the habitat of a fish or wildlife species, cause a fish or wildlife population to drop below self-sustaining levels, threaten to eliminate a plant or animal community, substantially reduce the number or restrict the range of a rare or endangered plant or animal, or eliminate important examples of the major periods of California history or prehistory?

Biological Related - Less Than Significant with Mitigation Incorporated. As described in Section 3.4.2(a), the proposed project has potential for impacts to special-status plants and wildlife. Project implementation has potential to impact USFWS-designated critical habitat for Coachella Valley milk vetch. As a Covered Activity under the CVMSHC, "take" of Covered species (including Coachella Valley milk vetch) would be authorized with payment of the CVMSHCP mitigation fee. Potential impacts to nesting birds within shrubs, ornamental trees and bare ground near the project site would be avoided through implementation of **MM BIO-1**. Potential impacts to burrowing owl nesting habitat within debris piles within the project site would be avoided through implementation of **MM BIO-2.**

Cultural/Historic Related - Less Than Significant Impact with Mitigation Incorporated. The proposed project's potential to degrade, threaten, or otherwise eliminate important historical or archaeological resources is analyzed in Section 3.5, Cultural Resources, and Section 3.18, Tribal Cultural Resources. The

EIC records search did not identify any historic resources that could be impacted by the proposed project. The EIC records search identified 39 previously recorded cultural resources within the 1-mile project site buffer area, No known cultural resources were identified within or near the project site. Despite the low probability of encountering archaeological deposits, inadvertent discoveries are possible during ground-disturbing activities. During tribal outreach by the City, the Soboba Band of Luiseno Indians requested formal tribal consultation pursuant to AB 52 because the project site is within an area with an increased likelihood for presence of TCRs. During the formal consultation process, the Soboba tribal representative has made recommendations to incorporate mitigation that would ultimately reduce the potential to impact subsurface archaeological resources and TCRs. As such, as discussed in Section 3.5.2 and Section 3.18.2, with the implementation of **MM-CUL-1 through MM-CUL-5**, impacts associated with unknown subsurface archaeological resources and TCRs would be less than significant.

b) Does the project have impacts that are individually limited, but cumulatively considerable? ("Cumulatively considerable" means that the incremental effects of a project are considerable when viewed in connection with the effects of past projects, the effects of other current projects, and the effects of probable future projects)?

Less Than Significant Impact with Mitigation Incorporated. As analyzed throughout Section 3, the proposed project would result in less than significant impacts or no impact to aesthetics, agriculture and forestry resources, air quality, energy, GHG emissions, hazards and hazardous materials, hydrology and water quality, land use and planning, mineral resources, population and housing, public services, recreation, transportation, utilities and service systems, and wildfire. Mitigation would be required to reduce potentially significant impacts related to biological resources, cultural resources, geology and soils (including paleontological resources), noise, and TCRs.

c) Does the project have environmental effects which will cause substantial adverse effects on human beings, either directly or indirectly?

Less Than Significant Impact. Direct and indirect environmental effects on human beings were analyzed in the following sections: aesthetics, air quality, geology and soils, hazards and hazardous materials, hydrology and water quality, land use and planning, noise, and transportation. As found in the discussion for each relevant section, all potential impacts to human beings would be less than significant or result in no impact except Noise. **MM-NOI-1** includes measures to reduce noise generated during construction activities, thus reducing potential noise impacts to nearby residents.

The proposed project would comply with all applicable federal, state, and local policies and regulations. For example, the construction contractor would comply with the SWRCB Construction General Permit to avoid water quality impacts. As such, the proposed project would not result in environmental effects that will cause substantial adverse effects on human beings.

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4.2 List of Preparers

City of Desert Hot Springs

Daniel Porras, Public Works Director

Hermann Design Group

Chris Hermann, CEO/President
Jose Estrada, Vice President

Dudek

Wendy Worthey, Senior Project Manager
Audrey Nickerson, CEQA/NEPA Planner
Adam Poll, Senior Technical Specialist, Air Quality
Britney Strittmater, Senior Biologist
Ted Roberts, Senior Archaeologist
Susie Smith, Hydrogeologist
Mike Greene, INCE Bd. Cert.
Environmental Specialist / Acoustician
Dennis Pascua, Transportation Services Director
Sabita Tewani, Technical Specialist, Transportation
Charles Greeley, Principal Engineer

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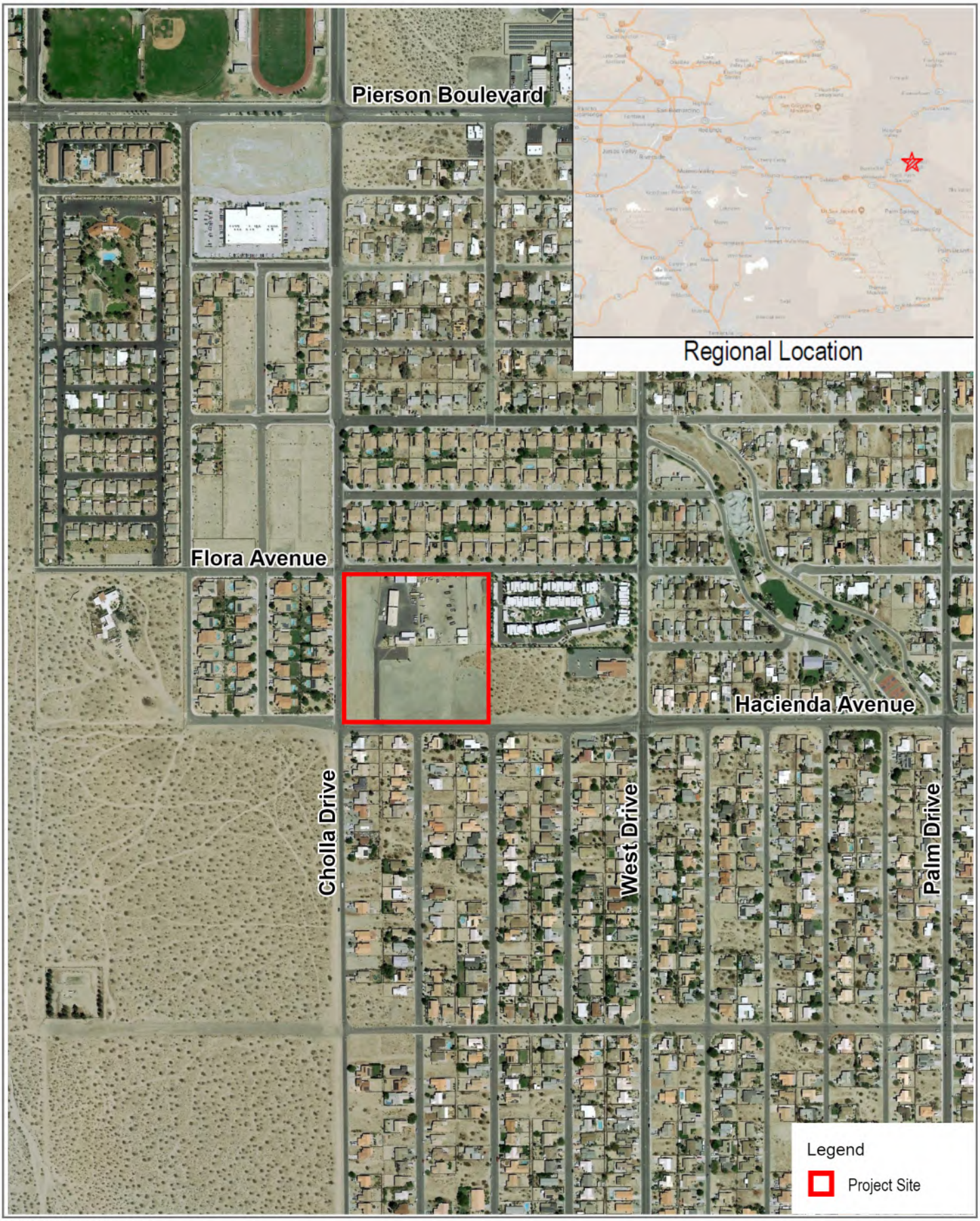

SOURCE: Google Maps 2018:

DUDEK NOT TO SCALE

FIGURE 1

Project Location and Vicinity

DHS Corporate Yard Park

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SOURCE: Hermann Design Group 2019

DUDEK

NOT TO SCALE

FIGURE 2

Project Rendering

DHS Corporate Yard Park

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SOURCE: NRCS 2019.

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FIGURE 3

Soils Map

DHS Corporate Yard Park

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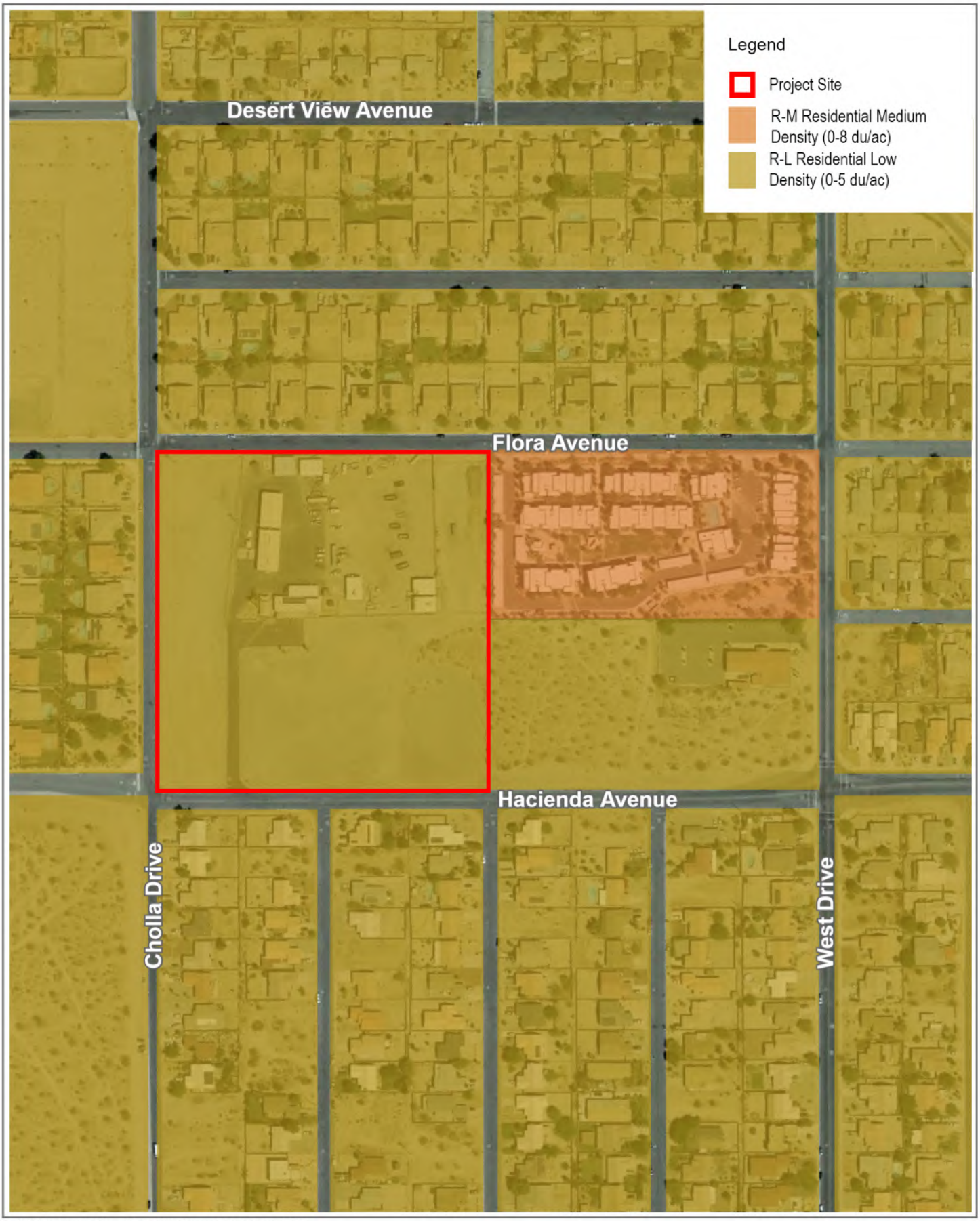

SOURCE: Google Maps 2018; City of Desert Hot Springs 2002..

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FIGURE 4

General Plan Land Use and Zoning Designations

DHS Corporate Yard Park

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SOURCE: Google Maps 2018:

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FIGURE 5

Noise Measurement Locations

DHS Corporate Yard Park

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SOURCE: Google Maps 2018:

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FIGURE 6
Study Area Intersections
DHS Corporate Yard Park

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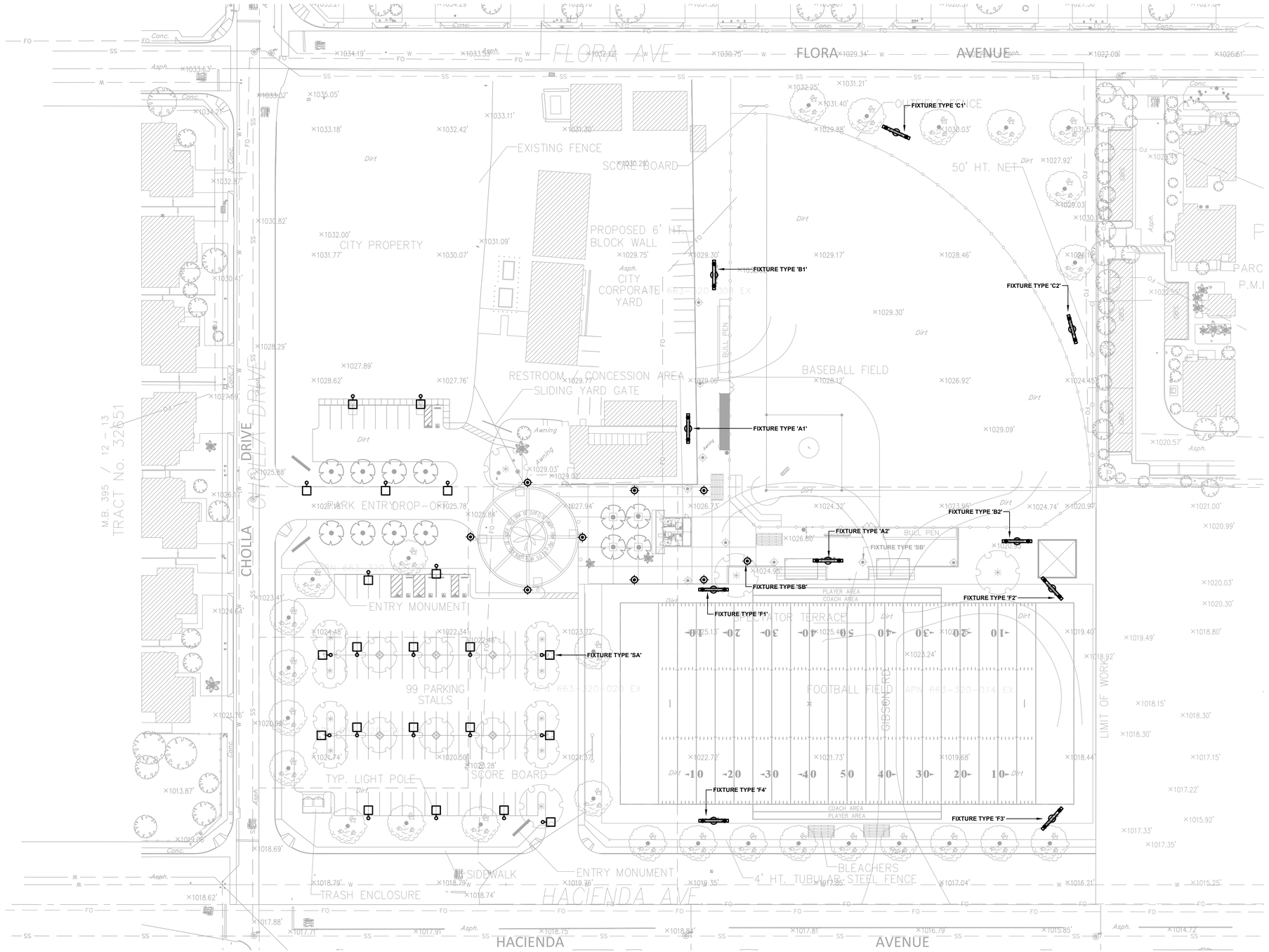
Appendix A

Photometric Study



NORTH

ELECTRICAL SITE LIGHTING PLAN

1"=40'-0"

CDBG - CORPORATE YARD PARK

CITY OF DESERT HOT SPRINGS , CA

rtm engineering consultants
34300 Gateway Drive, Suite 120
Palm Desert, CA 92211
rtmassociates.com | 760.340.9005

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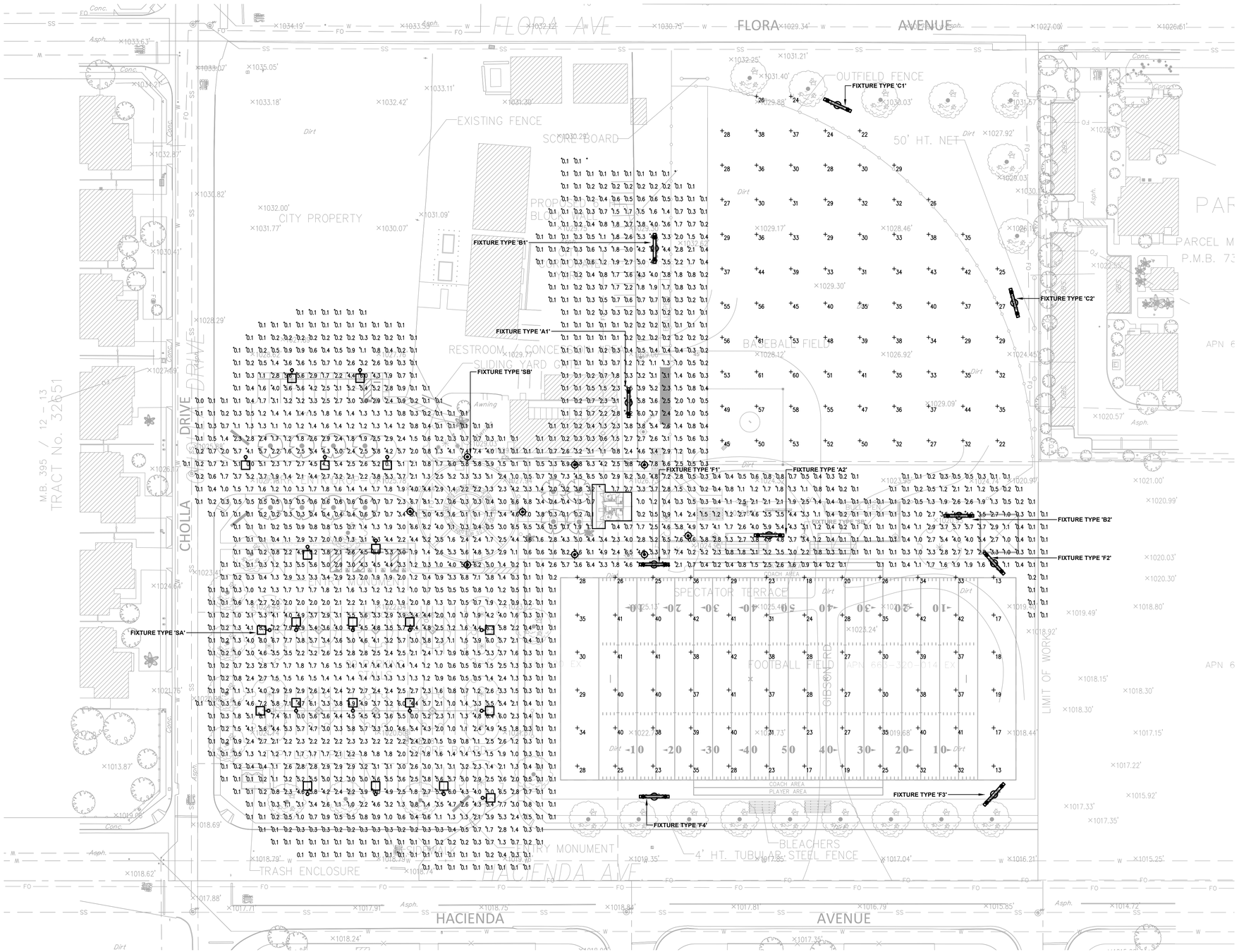
77-899 WOLF RD.
SUITE 102
PALM DESERT, CA
92211
LIC# 2754, EXP 04/30/20
PH. (760) 777-9131
FAX (760) 777-9132

DATE 11/06/19



NORTH

PHOTOMETRIC SITE PLAN

1"=40'-0"

CDBG - CORPORATE YARD PARK

CITY OF DESERT HOT SPRINGS , CA

rtm engineering consultants
34300 Gateway Drive, Suite 120
Palm Desert, CA 92211
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HERMANN DESIGN GROUP
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PALM DESERT, CA
92211
LIC# 2754, EXP 04/30/20
PH. (760) 777-9131
FAX (760) 777-9132

DATE 11/06/19

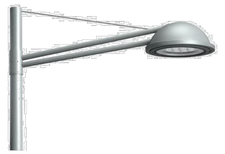
Date: _____ Customer: _____

Project: _____

Type: _____ Qty: _____

selux

Arc Mini LED



Order Code: AR2L - ____ - ____ - ____ - ____ - ____ - ____ - ____ - ____ - ____

Pole Order Code: ____ - ____ - ____ - ____

Series | Height | Finish | Options

AR2L							
Series	AR2L Arc Mini LED						
Optics	R1 Type I Distribution	R2 Type II Distribution	R3 Type III Distribution	R4 Type IV Distribution	R5R Type V (Round) Distribution	R5S Type V (Square) Distribution	
Mounting	Toltec Arm Series:	S1 Single 29° Arm Mount	S2 Double 29° Arm Mount	L1 Single 41° Arm Mount	L2 Double 41° Arm Mount		
	Spanner Arm Series:	AS1 Single 48° Arm Mount	AS2 Double 48° Arm Mount	AL1 Single 90° Arm Mount			
	Direct Mount:	DM1 Single 21° Direct Mount					
Light Engine	5G350 Nominal 33W	5G530 Nominal 49W	5G700 Nominal 64W	5G105 Nominal 95W	5G140 Nominal 125W		
CCT	30 3000K	40 4000K					For other CCT please consult factory
Power Cord Length	12 12'	15 15'	18 18'	20 20'	25 25'	XX XX'	
Finish	WH White	BK Black	BL Semi-Matte Black	BZ Bronze	SV Silver	SP Specify Premium Color	
Voltage	120 120V	240 240V	277 277V	UNV[1] 120V-277V	347[1,3] 347V	480[1,3] 480V	[1]Not available with HL30 & HL50 [2]Equipped with step-down transformer [3]Wattage increases to light engines as such: 55W, 75W and 115W
Options	HS[2] House Side Shield (180°)	DM[2] Dimming (0-10V)	HL30[3,4] Hi-Lo Switching Low Output 30%	HL50[3,4] Hi-Lo Switching Low Output 50%	TLR[3,4] Twist Lock Receptacle 7-pin	TLRP[4,6] Twist Lock Receptacle w/Photocell	[1]Type I, II, III, and IV only [2]DM or HL only. Cannot be combined. [3]120V, 240V, 277V only [4]Not available with DM [6]Not available in combination with Motion Sensor

Motion Sensor w/ Optional Photocell
(Meets Title 24 Requirements)
See Pole Spec Sheet for Order Code

Selux Corporation © 2018, T 845-854-1400, 800-735-8927, F 845-854-1401, www.selux.us
In a continuing effort to offer the best product possible, we reserve the right to change, without notice, specifications or materials that in our opinion will not alter the function of the product. Specification sheets found at www.selux.us are the most recent versions and supercede all other printed or electronic versions.

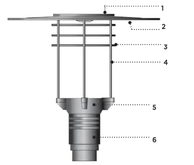
LIGHT FIXTURE TYPE 'SA'

LUMINIS®

EC802/EC803 SERIES
ECLIPSE MAXI - LED
8" Pole/Wall mount

TYPE: _____ QUANTITY: _____ PROJECT: _____

CATALOG NUMBER:								
	FIXTURE	WATTAGE	VOLTAGE	FINISH	OPTION	OPTION	OPTION	OPTION



1- Heavy cast aluminum top cover with integral LED heat dissipating pad.
2- 30° dia. x .090" (2.3) thick hard aluminum top shade. Underside surface is painted white enamel to optimize light performance (EC803 only).
3- Set of three aluminum louvers.
4- Set of 4 X 1/2" (13) solid aluminum struts.
5- Cast aluminum upper electrical housing.
6- Cast aluminum lower electrical housing.

EC802

EC803

MATERIALS
Eclipse is made of corrosion resistant 356 aluminum alloy with a copper (CU) content of less than 0.1%.
The lower cast aluminum housing fits with a 4" (102) or 5" (127) pole and contains all electrical controls on a removable tray.

ELECTRICAL
LED

DRIVER
Standard driver is 0-10V dimming-ready (dims to 10%) with: 120-277 multi-volt compatibility (50-60Hz), optional 347V on request, minimum operating temperature of -30ºC/-22ºF, output over voltage protection, output over current protection, output short circuit protection with auto-recovery, and over temperature protection (110ºC).

LED
Type II, III or V light distribution via high performance optical lenses. Standard 4000K/80CRI. Optional 2700K, 3000K and 3500K. Removable modular LED platform.

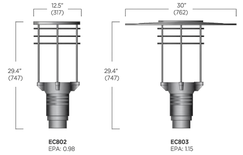
Optional Amber LED for turtle sensitive areas.
Wavelengths: 584.5nm to 597nm.

LIFE
75,000hrs $L_{90}B_{50}$ (based on IESNA TM-21 Test Method and LM-80 data).
145,000Hrs $L_{90}B_{50}$ (calculated projection from LM-80 data).

FINISH
Five-stage preparation process including preheating of cast aluminum parts for air extraction, and an environmentally friendly alloy sealant. Polyester powder coating is applied through an electrostatic process and oven cured for long term finish.

MOUNTING
Maximum weight: 29lbs (13kg)
Eclipse is designed for ease of access and installation.
Standard luminaire mounts on a 4" (102) or 5" (127) pole.
Alternate pole or wall attachments are proposed with high quality components to meet multiple installation conditions.

CERTIFICATION
Tested to UL1598 and CSA 22.2 #250. ETL listed wet location.
Photometric testing performed by an independent laboratory in accordance with IES LM-79-08 standards at 25ºC. Lumen depreciation in accordance with IESNA LM80 standards. CE certification on request.
Rated IP65.



Oct 2018 Rev 0

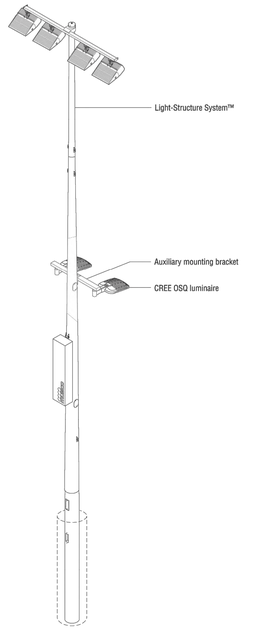
LUMINIS | Toll free: 866.586.4647 Fax: 514.683.8872
260 Labrosse, Pointe-Claire (QC) Canada H9R 5L5

LUMINIS.COM

Luminaires may be altered for design improvement or discontinued without prior notice.

LIGHT FIXTURE TYPE 'SB'

Datasheet: **OSQ Area Luminaire on Light-Structure System™ Pole**



Luminaire Data

Manufacturer ..... Cree, Inc.
Material and finish ..... Die-cast aluminum with silver powder-coat finish[1]
Mounting ..... Direct mount arm to Musco auxiliary bracket
Pole attachment ..... Auxiliary bracket mount
Weight (luminaire) ..... 26.5 lb (12 kg)

Regulatory and Voluntary Qualifications

UL ..... cULus Listed
Environment ..... Suitable for wet locations
Ingress Protection IP66
Emissions ..... Meets FCC Part 15, Subpart B, Class A standards for conducted and radiated emmissions
RoHS ..... Compliant

Photometric Characteristics

Lumen maintenance factor[2]
25k hours[3] 0.96
50k hours[3] 0.92
75k hours[3] 0.88
100k hours[4] 0.84
CIE correlated color temperature ..... 5700 K
Color Rendering Index (CRI), minimum 70
Lumens 17,000

Footnotes:
1) Cree's exclusive Colorfast DeltaGuard® finish features an E-coat epoxy primer with an ultra-durable powder topcoat, providing excellent resistance to corrosion, ultraviolet degradation, and abrasion.
2) Lumen maintenance values at 25°C ambient temperature are calculated per TM-21 based on LM-80 data and in-situ luminaire testing.
3) Values are represented as projected values within six times limit of tested hours per IES TM-21-11.
4) Values are represented as calculated values due to exceeding six times limit of tested hours.

Patent www.cree.com/patents. • ©2016, 2018 Musco Sports Lighting, LLC • Cree OSQ Series 120 – 480V • M-2175-en04-5

musco

www.musco.com • lighting@musco.com

TYPICAL SPORTS LIGHTING POLE

LIGHTING FIXTURE CUT SHEETS

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CITY OF DESERT HOT SPRINGS , CA

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rtmassociates.com | 760.340.9005

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92211
LIC# 2754, EXP 04/30/20
PH. (760) 777-9131
FAX (760) 777-9132

DATE 11/06/19

Appendix B

Air Quality/GHG Technical Appendix

Desert Hot Springs Corporate Yard Park

South Coast AQMD Air District, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Other Non-Asphalt Surfaces	0.90	Acre	0.90	39,204.00	0
Parking Lot	2.50	Acre	2.50	108,900.00	0
City Park	4.40	Acre	4.40	191,664.00	0
Fast Food Restaurant w/o Drive Thru	0.56	1000sqft	0.01	560.00	0

1.2 Other Project Characteristics

Urbanization	Rural	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	31
Climate Zone	10			**Operational Year**	2021
Utility Company	Southern California Edison				
CO2 Intensity (lb/MWhr)	702.44	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - Based on project description.

Construction Phase - Based on project design details.

Off-road Equipment - CalEEMod defaults.

Off-road Equipment - CalEEMod defaults.

Off-road Equipment - CalEEMod defaults.

Off-road Equipment - CalEEMod defaults.

Off-road Equipment - CalEEMod defaults.

Off-road Equipment - CalEEMod defaults.

Trips and VMT - CalEEMod defaults.

On-road Fugitive Dust - CalEEMod defaults.

Demolition - Based on existing buildings to be demolished.

Grading - Based on City provided information.

Architectural Coating - CalEEMod defaults.

Vehicle Trips - Based on SANDAG trip rates.

Consumer Products - CalEEMod defaults.

Area Coating - CalEEMod defaults.

Landscape Equipment - CalEEMod defaults.

Energy Use - CalEEMod defaults.

Water And Wastewater - CalEEMod defaults.

Solid Waste - CalEEMod defaults.

Construction Off-road Equipment Mitigation - In accordance with SCAQMD Rule 403.1.

Water Mitigation - NA

Waste Mitigation - In accordance with AB 341.

Desert Hot Springs Corporate Yard Park - South Coast AQMD Air District, Annual

Table Name	Column Name	Default Value	New Value
tblConstDustMitigation	WaterUnpavedRoadMoistureContent	0	12
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstructionPhase	NumDays	230.00	30.00
tblConstructionPhase	NumDays	20.00	30.00
tblConstructionPhase	NumDays	20.00	120.00
tblConstructionPhase	NumDays	20.00	30.00
tblConstructionPhase	NumDays	10.00	20.00
tblGrading	MaterialExported	0.00	5,000.00
tblProjectCharacteristics	UrbanizationLevel	Urban	Rural
tblTripsAndVMT	HaulingTripNumber	17.00	18.00
tblTripsAndVMT	HaulingTripNumber	625.00	626.00
tblTripsAndVMT	WorkerTripNumber	15.00	16.00
tblTripsAndVMT	WorkerTripNumber	15.00	16.00
tblTripsAndVMT	WorkerTripNumber	143.00	144.00
tblTripsAndVMT	WorkerTripNumber	15.00	16.00
tblTripsAndVMT	WorkerTripNumber	29.00	30.00
tblVehicleTrips	ST_TR	22.75	85.23
tblVehicleTrips	ST_TR	696.00	0.00
tblVehicleTrips	SU_TR	16.74	85.23
tblVehicleTrips	SU_TR	500.00	0.00
tblVehicleTrips	WD_TR	1.89	85.23
tblVehicleTrips	WD_TR	716.00	0.00

2.0 Emissions Summary

2.1 Overall Construction

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2020	0.3459	3.2249	2.2388	4.6000e-003	0.6478	0.1537	0.8015	0.3210	0.1421	0.4630	0.0000	409.3905	409.3905	0.0988	0.0000	411.8605
Maximum	**0.3459**	**3.2249**	**2.2388**	**4.6000e-003**	**0.6478**	**0.1537**	**0.8015**	**0.3210**	**0.1421**	**0.4630**	**0.0000**	**409.3905**	**409.3905**	**0.0988**	**0.0000**	**411.8605**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2020	0.3459	3.2249	2.2388	4.6000e-003	0.2965	0.1537	0.4502	0.1369	0.1421	0.2790	0.0000	409.3901	409.3901	0.0988	0.0000	411.8601
Maximum	**0.3459**	**3.2249**	**2.2388**	**4.6000e-003**	**0.2965**	**0.1537**	**0.4502**	**0.1369**	**0.1421**	**0.2790**	**0.0000**	**409.3901**	**409.3901**	**0.0988**	**0.0000**	**411.8601**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**54.23**	**0.00**	**43.84**	**57.34**	**0.00**	**39.74**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
1	1-1-2020	3-31-2020	1.2481	1.2481
2	4-1-2020	6-30-2020	0.9889	0.9889
3	7-1-2020	9-30-2020	0.9831	0.9831
		Highest	1.2481	1.2481

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.0157	0.0000	1.1000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.1000e-004	2.1000e-004	0.0000	0.0000	2.2000e-004
Energy	8.3000e-004	7.5100e-003	6.3100e-003	5.0000e-005		5.7000e-004	5.7000e-004		5.7000e-004	5.7000e-004	0.0000	28.7874	28.7874	1.0100e-003	3.3000e-004	28.9097
Mobile	0.1173	0.6578	1.5900	5.7900e-003	0.4718	4.7000e-003	0.4766	0.1264	4.3900e-003	0.1308	0.0000	534.5930	534.5930	0.0264	0.0000	535.2523
Waste						0.0000	0.0000		0.0000	0.0000	1.3864	0.0000	1.3864	0.0819	0.0000	3.4348
Water						0.0000	0.0000		0.0000	0.0000	0.0539	19.3015	19.3554	6.3400e-003	3.0000e-004	19.6019
Total	**0.1338**	**0.6653**	**1.5964**	**5.8400e-003**	**0.4718**	**5.2700e-003**	**0.4771**	**0.1264**	**4.9600e-003**	**0.1314**	**1.4404**	**582.6821**	**584.1225**	**0.1157**	**6.3000e-004**	**587.1990**

2.2 Overall Operational

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.0157	0.0000	1.1000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.1000e-004	2.1000e-004	0.0000	0.0000	2.2000e-004
Energy	8.3000e-004	7.5100e-003	6.3100e-003	5.0000e-005		5.7000e-004	5.7000e-004		5.7000e-004	5.7000e-004	0.0000	28.7874	28.7874	1.0100e-003	3.3000e-004	28.9097
Mobile	0.1173	0.6578	1.5900	5.7900e-003	0.4718	4.7000e-003	0.4766	0.1264	4.3900e-003	0.1308	0.0000	534.5930	534.5930	0.0264	0.0000	535.2523
Waste						0.0000	0.0000		0.0000	0.0000	0.6932	0.0000	0.6932	0.0410	0.0000	1.7174
Water						0.0000	0.0000		0.0000	0.0000	0.0539	19.3015	19.3554	6.3400e-003	3.0000e-004	19.6019
Total	**0.1338**	**0.6653**	**1.5964**	**5.8400e-003**	**0.4718**	**5.2700e-003**	**0.4771**	**0.1264**	**4.9600e-003**	**0.1314**	**0.7471**	**582.6821**	**583.4293**	**0.0747**	**6.3000e-004**	**585.4816**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**48.13**	**0.00**	**0.12**	**35.42**	**0.00**	**0.29**

3.0 Construction Detail

Construction Phase

Desert Hot Springs Corporate Yard Park - South Coast AQMD Air District, Annual

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	1/1/2020	2/11/2020	5	30	
2	Site Preparation	Site Preparation	2/12/2020	3/10/2020	5	20	
3	Grading	Grading	3/11/2020	8/25/2020	5	120	
4	Building Construction	Building Construction	8/26/2020	10/6/2020	5	30	
5	Paving	Paving	10/7/2020	11/17/2020	5	30	
6	Architectural Coating	Architectural Coating	11/18/2020	12/15/2020	5	20	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 60

Acres of Paving: 3.4

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 840; Non-Residential Outdoor: 280; Striped Parking Area: 8,886 (Architectural Coating – sqft)

OffRoad Equipment

Desert Hot Springs Corporate Yard Park - South Coast AQMD Air District, Annual

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Excavators	3	8.00	158	0.38
Demolition	Rubber Tired Dozers	2	8.00	247	0.40
Site Preparation	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Grading	Excavators	1	8.00	158	0.38
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Building Construction	Cranes	1	7.00	231	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45
Paving	Pavers	2	8.00	130	0.42
Paving	Paving Equipment	2	8.00	132	0.36
Paving	Rollers	2	8.00	80	0.38
Architectural Coating	Air Compressors	1	6.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	6	16.00	0.00	18.00	19.80	7.90	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	7	18.00	0.00	0.00	19.80	7.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading	6	16.00	0.00	626.00	19.80	7.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	144.00	56.00	0.00	19.80	7.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	16.00	0.00	0.00	19.80	7.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	30.00	0.00	0.00	19.80	7.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Water Exposed Area

Water Unpaved Roads

Reduce Vehicle Speed on Unpaved Roads

3.2 Demolition - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					1.8600e-003	0.0000	1.8600e-003	2.8000e-004	0.0000	2.8000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0497	0.4980	0.3263	5.8000e-004		0.0249	0.0249		0.0231	0.0231	0.0000	50.9979	50.9979	0.0144	0.0000	51.3578
Total	**0.0497**	**0.4980**	**0.3263**	**5.8000e-004**	**1.8600e-003**	**0.0249**	**0.0267**	**2.8000e-004**	**0.0231**	**0.0234**	**0.0000**	**50.9979**	**50.9979**	**0.0144**	**0.0000**	**51.3578**

3.2 Demolition - 2020

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	7.0000e-005	2.5300e-003	5.0000e-004	1.0000e-005	1.5000e-004	1.0000e-005	1.6000e-004	4.0000e-005	1.0000e-005	5.0000e-005	0.0000	0.6792	0.6792	5.0000e-005	0.0000	0.6804
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.3600e-003	1.0800e-003	0.0119	4.0000e-005	3.5500e-003	3.0000e-005	3.5700e-003	9.4000e-004	2.0000e-005	9.7000e-004	0.0000	3.1757	3.1757	9.0000e-005	0.0000	3.1779
Total	**1.4300e-003**	**3.6100e-003**	**0.0124**	**5.0000e-005**	**3.7000e-003**	**4.0000e-005**	**3.7300e-003**	**9.8000e-004**	**3.0000e-005**	**1.0200e-003**	**0.0000**	**3.8549**	**3.8549**	**1.4000e-004**	**0.0000**	**3.8583**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					7.3000e-004	0.0000	7.3000e-004	1.1000e-004	0.0000	1.1000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0497	0.4980	0.3263	5.8000e-004		0.0249	0.0249		0.0231	0.0231	0.0000	50.9979	50.9979	0.0144	0.0000	51.3578
Total	**0.0497**	**0.4980**	**0.3263**	**5.8000e-004**	**7.3000e-004**	**0.0249**	**0.0256**	**1.1000e-004**	**0.0231**	**0.0232**	**0.0000**	**50.9979**	**50.9979**	**0.0144**	**0.0000**	**51.3578**

3.2 Demolition - 2020

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	7.0000e-005	2.5300e-003	5.0000e-004	1.0000e-005	1.5000e-004	1.0000e-005	1.6000e-004	4.0000e-005	1.0000e-005	5.0000e-005	0.0000	0.6792	0.6792	5.0000e-005	0.0000	0.6804
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.3600e-003	1.0800e-003	0.0119	4.0000e-005	3.5500e-003	3.0000e-005	3.5700e-003	9.4000e-004	2.0000e-005	9.7000e-004	0.0000	3.1757	3.1757	9.0000e-005	0.0000	3.1779
Total	**1.4300e-003**	**3.6100e-003**	**0.0124**	**5.0000e-005**	**3.7000e-003**	**4.0000e-005**	**3.7300e-003**	**9.8000e-004**	**3.0000e-005**	**1.0200e-003**	**0.0000**	**3.8549**	**3.8549**	**1.4000e-004**	**0.0000**	**3.8583**

3.3 Site Preparation - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.1807	0.0000	0.1807	0.0993	0.0000	0.0993	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0408	0.4242	0.2151	3.8000e-004		0.0220	0.0220		0.0202	0.0202	0.0000	33.4307	33.4307	0.0108	0.0000	33.7010
Total	**0.0408**	**0.4242**	**0.2151**	**3.8000e-004**	**0.1807**	**0.0220**	**0.2026**	**0.0993**	**0.0202**	**0.1195**	**0.0000**	**33.4307**	**33.4307**	**0.0108**	**0.0000**	**33.7010**

3.3 Site Preparation - 2020

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.0200e-003	8.1000e-004	8.9000e-003	3.0000e-005	2.6600e-003	2.0000e-005	2.6800e-003	7.1000e-004	2.0000e-005	7.2000e-004	0.0000	2.3818	2.3818	7.0000e-005	0.0000	2.3835
Total	**1.0200e-003**	**8.1000e-004**	**8.9000e-003**	**3.0000e-005**	**2.6600e-003**	**2.0000e-005**	**2.6800e-003**	**7.1000e-004**	**2.0000e-005**	**7.2000e-004**	**0.0000**	**2.3818**	**2.3818**	**7.0000e-005**	**0.0000**	**2.3835**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0705	0.0000	0.0705	0.0387	0.0000	0.0387	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0408	0.4242	0.2151	3.8000e-004		0.0220	0.0220		0.0202	0.0202	0.0000	33.4306	33.4306	0.0108	0.0000	33.7009
Total	**0.0408**	**0.4242**	**0.2151**	**3.8000e-004**	**0.0705**	**0.0220**	**0.0924**	**0.0387**	**0.0202**	**0.0590**	**0.0000**	**33.4306**	**33.4306**	**0.0108**	**0.0000**	**33.7009**

3.3 Site Preparation - 2020

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.0200e-003	8.1000e-004	8.9000e-003	3.0000e-005	2.6600e-003	2.0000e-005	2.6800e-003	7.1000e-004	2.0000e-005	7.2000e-004	0.0000	2.3818	2.3818	7.0000e-005	0.0000	2.3835
Total	**1.0200e-003**	**8.1000e-004**	**8.9000e-003**	**3.0000e-005**	**2.6600e-003**	**2.0000e-005**	**2.6800e-003**	**7.1000e-004**	**2.0000e-005**	**7.2000e-004**	**0.0000**	**2.3818**	**2.3818**	**7.0000e-005**	**0.0000**	**2.3835**

3.4 Grading - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.3934	0.0000	0.3934	0.2021	0.0000	0.2021	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1457	1.5832	0.9632	1.7800e-003		0.0764	0.0764		0.0703	0.0703	0.0000	156.3525	156.3525	0.0506	0.0000	157.6167
Total	**0.1457**	**1.5832**	**0.9632**	**1.7800e-003**	**0.3934**	**0.0764**	**0.4698**	**0.2021**	**0.0703**	**0.2724**	**0.0000**	**156.3525**	**156.3525**	**0.0506**	**0.0000**	**157.6167**

3.4 Grading - 2020

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	2.4100e-003	0.0878	0.0175	2.4000e-004	5.3800e-003	2.8000e-004	5.6600e-003	1.4800e-003	2.6000e-004	1.7400e-003	0.0000	23.6202	23.6202	1.6300e-003	0.0000	23.6609
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.4400e-003	4.3200e-003	0.0475	1.4000e-004	0.0142	1.1000e-004	0.0143	3.7700e-003	1.0000e-004	3.8700e-003	0.0000	12.7028	12.7028	3.6000e-004	0.0000	12.7117
Total	**7.8500e-003**	**0.0922**	**0.0650**	**3.8000e-004**	**0.0196**	**3.9000e-004**	**0.0200**	**5.2500e-003**	**3.6000e-004**	**5.6100e-003**	**0.0000**	**36.3230**	**36.3230**	**1.9900e-003**	**0.0000**	**36.3727**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.1534	0.0000	0.1534	0.0788	0.0000	0.0788	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1457	1.5832	0.9632	1.7800e-003		0.0764	0.0764		0.0703	0.0703	0.0000	156.3523	156.3523	0.0506	0.0000	157.6165
Total	**0.1457**	**1.5832**	**0.9632**	**1.7800e-003**	**0.1534**	**0.0764**	**0.2298**	**0.0788**	**0.0703**	**0.1491**	**0.0000**	**156.3523**	**156.3523**	**0.0506**	**0.0000**	**157.6165**

3.4 Grading - 2020

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	2.4100e-003	0.0878	0.0175	2.4000e-004	5.3800e-003	2.8000e-004	5.6600e-003	1.4800e-003	2.6000e-004	1.7400e-003	0.0000	23.6202	23.6202	1.6300e-003	0.0000	23.6609
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.4400e-003	4.3200e-003	0.0475	1.4000e-004	0.0142	1.1000e-004	0.0143	3.7700e-003	1.0000e-004	3.8700e-003	0.0000	12.7028	12.7028	3.6000e-004	0.0000	12.7117
Total	**7.8500e-003**	**0.0922**	**0.0650**	**3.8000e-004**	**0.0196**	**3.9000e-004**	**0.0200**	**5.2500e-003**	**3.6000e-004**	**5.6100e-003**	**0.0000**	**36.3230**	**36.3230**	**1.9900e-003**	**0.0000**	**36.3727**

3.5 Building Construction - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0318	0.2878	0.2527	4.0000e-004		0.0168	0.0168		0.0158	0.0158	0.0000	34.7415	34.7415	8.4800e-003	0.0000	34.9534
Total	**0.0318**	**0.2878**	**0.2527**	**4.0000e-004**		**0.0168**	**0.0168**		**0.0158**	**0.0158**	**0.0000**	**34.7415**	**34.7415**	**8.4800e-003**	**0.0000**	**34.9534**

3.5 Building Construction - 2020

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	3.0400e-003	0.0952	0.0236	2.4000e-004	6.0600e-003	5.0000e-004	6.5600e-003	1.7500e-003	4.8000e-004	2.2300e-003	0.0000	22.9862	22.9862	1.4300e-003	0.0000	23.0221
Worker	0.0123	9.7300e-003	0.1068	3.2000e-004	0.0319	2.4000e-004	0.0322	8.4700e-003	2.2000e-004	8.7000e-003	0.0000	28.5812	28.5812	8.1000e-004	0.0000	28.6014
Total	**0.0153**	**0.1050**	**0.1304**	**5.6000e-004**	**0.0380**	**7.4000e-004**	**0.0387**	**0.0102**	**7.0000e-004**	**0.0109**	**0.0000**	**51.5674**	**51.5674**	**2.2400e-003**	**0.0000**	**51.6235**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0318	0.2878	0.2527	4.0000e-004		0.0168	0.0168		0.0158	0.0158	0.0000	34.7415	34.7415	8.4800e-003	0.0000	34.9534
Total	**0.0318**	**0.2878**	**0.2527**	**4.0000e-004**		**0.0168**	**0.0168**		**0.0158**	**0.0158**	**0.0000**	**34.7415**	**34.7415**	**8.4800e-003**	**0.0000**	**34.9534**

3.5 Building Construction - 2020

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	3.0400e-003	0.0952	0.0236	2.4000e-004	6.0600e-003	5.0000e-004	6.5600e-003	1.7500e-003	4.8000e-004	2.2300e-003	0.0000	22.9862	22.9862	1.4300e-003	0.0000	23.0221
Worker	0.0123	9.7300e-003	0.1068	3.2000e-004	0.0319	2.4000e-004	0.0322	8.4700e-003	2.2000e-004	8.7000e-003	0.0000	28.5812	28.5812	8.1000e-004	0.0000	28.6014
Total	**0.0153**	**0.1050**	**0.1304**	**5.6000e-004**	**0.0380**	**7.4000e-004**	**0.0387**	**0.0102**	**7.0000e-004**	**0.0109**	**0.0000**	**51.5674**	**51.5674**	**2.2400e-003**	**0.0000**	**51.6235**

3.6 Paving - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0204	0.2110	0.2198	3.4000e-004		0.0113	0.0113		0.0104	0.0104	0.0000	30.0423	30.0423	9.7200e-003	0.0000	30.2852
Paving	3.2800e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0236**	**0.2110**	**0.2198**	**3.4000e-004**		**0.0113**	**0.0113**		**0.0104**	**0.0104**	**0.0000**	**30.0423**	**30.0423**	**9.7200e-003**	**0.0000**	**30.2852**

3.6 Paving - 2020

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.3600e-003	1.0800e-003	0.0119	4.0000e-005	3.5500e-003	3.0000e-005	3.5700e-003	9.4000e-004	2.0000e-005	9.7000e-004	0.0000	3.1757	3.1757	9.0000e-005	0.0000	3.1779
Total	**1.3600e-003**	**1.0800e-003**	**0.0119**	**4.0000e-005**	**3.5500e-003**	**3.0000e-005**	**3.5700e-003**	**9.4000e-004**	**2.0000e-005**	**9.7000e-004**	**0.0000**	**3.1757**	**3.1757**	**9.0000e-005**	**0.0000**	**3.1779**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0204	0.2110	0.2198	3.4000e-004		0.0113	0.0113		0.0104	0.0104	0.0000	30.0423	30.0423	9.7200e-003	0.0000	30.2852
Paving	3.2800e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0236**	**0.2110**	**0.2198**	**3.4000e-004**		**0.0113**	**0.0113**		**0.0104**	**0.0104**	**0.0000**	**30.0423**	**30.0423**	**9.7200e-003**	**0.0000**	**30.2852**

3.6 Paving - 2020

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.3600e-003	1.0800e-003	0.0119	4.0000e-005	3.5500e-003	3.0000e-005	3.5700e-003	9.4000e-004	2.0000e-005	9.7000e-004	0.0000	3.1757	3.1757	9.0000e-005	0.0000	3.1779
Total	**1.3600e-003**	**1.0800e-003**	**0.0119**	**4.0000e-005**	**3.5500e-003**	**3.0000e-005**	**3.5700e-003**	**9.4000e-004**	**2.0000e-005**	**9.7000e-004**	**0.0000**	**3.1757**	**3.1757**	**9.0000e-005**	**0.0000**	**3.1779**

3.7 Architectural Coating - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.0232					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	2.4200e-003	0.0168	0.0183	3.0000e-005		1.1100e-003	1.1100e-003		1.1100e-003	1.1100e-003	0.0000	2.5533	2.5533	2.0000e-004	0.0000	2.5582
Total	**0.0256**	**0.0168**	**0.0183**	**3.0000e-005**		**1.1100e-003**	**1.1100e-003**		**1.1100e-003**	**1.1100e-003**	**0.0000**	**2.5533**	**2.5533**	**2.0000e-004**	**0.0000**	**2.5582**

3.7 Architectural Coating - 2020

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.7000e-003	1.3500e-003	0.0148	4.0000e-005	4.4300e-003	3.0000e-005	4.4700e-003	1.1800e-003	3.0000e-005	1.2100e-003	0.0000	3.9696	3.9696	1.1000e-004	0.0000	3.9724
Total	**1.7000e-003**	**1.3500e-003**	**0.0148**	**4.0000e-005**	**4.4300e-003**	**3.0000e-005**	**4.4700e-003**	**1.1800e-003**	**3.0000e-005**	**1.2100e-003**	**0.0000**	**3.9696**	**3.9696**	**1.1000e-004**	**0.0000**	**3.9724**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.0232					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	2.4200e-003	0.0168	0.0183	3.0000e-005		1.1100e-003	1.1100e-003		1.1100e-003	1.1100e-003	0.0000	2.5533	2.5533	2.0000e-004	0.0000	2.5582
Total	**0.0256**	**0.0168**	**0.0183**	**3.0000e-005**		**1.1100e-003**	**1.1100e-003**		**1.1100e-003**	**1.1100e-003**	**0.0000**	**2.5533**	**2.5533**	**2.0000e-004**	**0.0000**	**2.5582**

3.7 Architectural Coating - 2020

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.7000e-003	1.3500e-003	0.0148	4.0000e-005	4.4300e-003	3.0000e-005	4.4700e-003	1.1800e-003	3.0000e-005	1.2100e-003	0.0000	3.9696	3.9696	1.1000e-004	0.0000	3.9724
Total	**1.7000e-003**	**1.3500e-003**	**0.0148**	**4.0000e-005**	**4.4300e-003**	**3.0000e-005**	**4.4700e-003**	**1.1800e-003**	**3.0000e-005**	**1.2100e-003**	**0.0000**	**3.9696**	**3.9696**	**1.1000e-004**	**0.0000**	**3.9724**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.1173	0.6578	1.5900	5.7900e-003	0.4718	4.7000e-003	0.4766	0.1264	4.3900e-003	0.1308	0.0000	534.5930	534.5930	0.0264	0.0000	535.2523
Unmitigated	0.1173	0.6578	1.5900	5.7900e-003	0.4718	4.7000e-003	0.4766	0.1264	4.3900e-003	0.1308	0.0000	534.5930	534.5930	0.0264	0.0000	535.2523

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
City Park	375.00	375.00	375.00	1,241,798	1,241,798
Fast Food Restaurant w/o Drive Thru	0.00	0.00	0.00		
Other Non-Asphalt Surfaces	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Total	375.00	375.00	375.00	1,241,798	1,241,798

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
City Park	18.50	10.10	7.90	33.00	48.00	19.00	66	28	6
Fast Food Restaurant w/o Drive	18.50	10.10	7.90	1.50	79.50	19.00	51	37	12
Other Non-Asphalt Surfaces	18.50	10.10	7.90	0.00	0.00	0.00	0	0	0
Parking Lot	18.50	10.10	7.90	0.00	0.00	0.00	0	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
City Park	0.548858	0.043235	0.200706	0.120309	0.016131	0.005851	0.021034	0.033479	0.002070	0.001877	0.004817	0.000707	0.000925
Fast Food Restaurant w/o Drive Thru	0.548858	0.043235	0.200706	0.120309	0.016131	0.005851	0.021034	0.033479	0.002070	0.001877	0.004817	0.000707	0.000925
Other Non-Asphalt Surfaces	0.548858	0.043235	0.200706	0.120309	0.016131	0.005851	0.021034	0.033479	0.002070	0.001877	0.004817	0.000707	0.000925
Parking Lot	0.548858	0.043235	0.200706	0.120309	0.016131	0.005851	0.021034	0.033479	0.002070	0.001877	0.004817	0.000707	0.000925

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	20.6160	20.6160	8.5000e-004	1.8000e-004	20.6898
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	20.6160	20.6160	8.5000e-004	1.8000e-004	20.6898
NaturalGas Mitigated	8.3000e-004	7.5100e-003	6.3100e-003	5.0000e-005		5.7000e-004	5.7000e-004		5.7000e-004	5.7000e-004	0.0000	8.1714	8.1714	1.6000e-004	1.5000e-004	8.2200
NaturalGas Unmitigated	8.3000e-004	7.5100e-003	6.3100e-003	5.0000e-005		5.7000e-004	5.7000e-004		5.7000e-004	5.7000e-004	0.0000	8.1714	8.1714	1.6000e-004	1.5000e-004	8.2200

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Fast Food Restaurant w/o Drive Thru	153126	8.3000e-004	7.5100e-003	6.3100e-003	5.0000e-005		5.7000e-004	5.7000e-004		5.7000e-004	5.7000e-004	0.0000	8.1714	8.1714	1.6000e-004	1.5000e-004	8.2200
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total		**8.3000e-004**	**7.5100e-003**	**6.3100e-003**	**5.0000e-005**		**5.7000e-004**	**5.7000e-004**		**5.7000e-004**	**5.7000e-004**	**0.0000**	**8.1714**	**8.1714**	**1.6000e-004**	**1.5000e-004**	**8.2200**

5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Fast Food Restaurant w/o Drive Thru	153126	8.3000e-004	7.5100e-003	6.3100e-003	5.0000e-005		5.7000e-004	5.7000e-004		5.7000e-004	5.7000e-004	0.0000	8.1714	8.1714	1.6000e-004	1.5000e-004	8.2200
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total		**8.3000e-004**	**7.5100e-003**	**6.3100e-003**	**5.0000e-005**		**5.7000e-004**	**5.7000e-004**		**5.7000e-004**	**5.7000e-004**	**0.0000**	**8.1714**	**8.1714**	**1.6000e-004**	**1.5000e-004**	**8.2200**

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
City Park	0	0.0000	0.0000	0.0000	0.0000
Fast Food Restaurant w/o Drive Thru	26588.8	8.4718	3.5000e-004	7.0000e-005	8.5021
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	38115	12.1443	5.0000e-004	1.0000e-004	12.1877
Total		**20.6160**	**8.5000e-004**	**1.7000e-004**	**20.6898**

5.3 Energy by Land Use - Electricity

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
City Park	0	0.0000	0.0000	0.0000	0.0000
Fast Food Restaurant w/o Drive Thru	26588.8	8.4718	3.5000e-004	7.0000e-005	8.5021
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	38115	12.1443	5.0000e-004	1.0000e-004	12.1877
Total		**20.6160**	**8.5000e-004**	**1.7000e-004**	**20.6898**

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.0157	0.0000	1.1000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.1000e-004	2.1000e-004	0.0000	0.0000	2.2000e-004
Unmitigated	0.0157	0.0000	1.1000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.1000e-004	2.1000e-004	0.0000	0.0000	2.2000e-004

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	2.3200e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.0134					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	1.0000e-005	0.0000	1.1000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.1000e-004	2.1000e-004	0.0000	0.0000	2.2000e-004
Total	**0.0157**	**0.0000**	**1.1000e-004**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**2.1000e-004**	**2.1000e-004**	**0.0000**	**0.0000**	**2.2000e-004**

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	2.3200e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.0134					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	1.0000e-005	0.0000	1.1000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.1000e-004	2.1000e-004	0.0000	0.0000	2.2000e-004
Total	**0.0157**	**0.0000**	**1.1000e-004**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**2.1000e-004**	**2.1000e-004**	**0.0000**	**0.0000**	**2.2000e-004**

7.0 Water Detail

7.1 Mitigation Measures Water

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	19.3554	6.3400e-003	3.0000e-004	19.6019
Unmitigated	19.3554	6.3400e-003	3.0000e-004	19.6019

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
City Park	0 / 5.24252	18.5579	7.7000e-004	1.6000e-004	18.6243
Fast Food Restaurant w/o Drive Thru	0.169979 / 0.0108497	0.7975	5.5700e-003	1.4000e-004	0.9776
Other Non-Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		**19.3555**	**6.3400e-003**	**3.0000e-004**	**19.6019**

7.2 Water by Land Use

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
City Park	0 / 5.24252	18.5579	7.7000e-004	1.6000e-004	18.6243
Fast Food Restaurant w/o Drive Thru	0.169979 / 0.0108497	0.7975	5.5700e-003	1.4000e-004	0.9776
Other Non-Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		**19.3555**	**6.3400e-003**	**3.0000e-004**	**19.6019**

8.0 Waste Detail

8.1 Mitigation Measures Waste

Institute Recycling and Composting Services

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	0.6932	0.0410	0.0000	1.7174
Unmitigated	1.3864	0.0819	0.0000	3.4348

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
City Park	0.38	0.0771	4.5600e-003	0.0000	0.1911
Fast Food Restaurant w/o Drive Thru	6.45	1.3093	0.0774	0.0000	3.2437
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Total		**1.3864**	**0.0819**	**0.0000**	**3.4348**

8.2 Waste by Land Use

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
City Park	0.19	0.0386	2.2800e-003	0.0000	0.0956
Fast Food Restaurant w/o Drive Thru	3.225	0.6547	0.0387	0.0000	1.6219
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Total		**0.6932**	**0.0410**	**0.0000**	**1.7174**

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type

Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

Desert Hot Springs Corporate Yard Park

South Coast AQMD Air District, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Other Non-Asphalt Surfaces	0.90	Acre	0.90	39,204.00	0
Parking Lot	2.50	Acre	2.50	108,900.00	0
City Park	4.40	Acre	4.40	191,664.00	0
Fast Food Restaurant w/o Drive Thru	0.56	1000sqft	0.01	560.00	0

1.2 Other Project Characteristics

Urbanization	Rural	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	31
Climate Zone	10			**Operational Year**	2021
Utility Company	Southern California Edison				
CO2 Intensity (lb/MWhr)	702.44	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - Based on project description.

Construction Phase - Based on project design details.

Off-road Equipment - CalEEMod defaults.

Off-road Equipment - CalEEMod defaults.

Off-road Equipment - CalEEMod defaults.

Off-road Equipment - CalEEMod defaults.

Off-road Equipment - CalEEMod defaults.

Off-road Equipment - CalEEMod defaults.

Trips and VMT - CalEEMod defaults.

On-road Fugitive Dust - CalEEMod defaults.

Demolition - Based on existing buildings to be demolished.

Grading - Based on City provided information.

Architectural Coating - CalEEMod defaults.

Vehicle Trips - Based on SANDAG trip rates.

Consumer Products - CalEEMod defaults.

Area Coating - CalEEMod defaults.

Landscape Equipment - CalEEMod defaults.

Energy Use - CalEEMod defaults.

Water And Wastewater - CalEEMod defaults.

Solid Waste - CalEEMod defaults.

Construction Off-road Equipment Mitigation - In accordance with SCAQMD Rule 403.1.

Water Mitigation - NA

Waste Mitigation - In accordance with AB 341.

Table Name	Column Name	Default Value	New Value
tblConstDustMitigation	WaterUnpavedRoadMoistureContent	0	12
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstructionPhase	NumDays	230.00	30.00
tblConstructionPhase	NumDays	20.00	30.00
tblConstructionPhase	NumDays	20.00	120.00
tblConstructionPhase	NumDays	20.00	30.00
tblConstructionPhase	NumDays	10.00	20.00
tblGrading	MaterialExported	0.00	5,000.00
tblProjectCharacteristics	UrbanizationLevel	Urban	Rural
tblTripsAndVMT	HaulingTripNumber	17.00	18.00
tblTripsAndVMT	HaulingTripNumber	625.00	626.00
tblTripsAndVMT	WorkerTripNumber	15.00	16.00
tblTripsAndVMT	WorkerTripNumber	15.00	16.00
tblTripsAndVMT	WorkerTripNumber	143.00	144.00
tblTripsAndVMT	WorkerTripNumber	15.00	16.00
tblTripsAndVMT	WorkerTripNumber	29.00	30.00
tblVehicleTrips	ST_TR	22.75	85.23
tblVehicleTrips	ST_TR	696.00	0.00
tblVehicleTrips	SU_TR	16.74	85.23
tblVehicleTrips	SU_TR	500.00	0.00
tblVehicleTrips	WD_TR	1.89	85.23
tblVehicleTrips	WD_TR	716.00	0.00

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2020	4.1790	42.4893	26.0757	0.0651	18.3372	2.1994	20.5366	10.0025	2.0235	12.0260	0.0000	6,469.1335	6,469.1335	1.1997	0.0000	6,488.8294
Maximum	**4.1790**	**42.4893**	**26.0757**	**0.0651**	**18.3372**	**2.1994**	**20.5366**	**10.0025**	**2.0235**	**12.0260**	**0.0000**	**6,469.1335**	**6,469.1335**	**1.1997**	**0.0000**	**6,488.8294**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2020	4.1790	42.4893	26.0757	0.0651	7.3168	2.1994	9.5162	3.9448	2.0235	5.9683	0.0000	6,469.1335	6,469.1335	1.1997	0.0000	6,488.8294
Maximum	**4.1790**	**42.4893**	**26.0757**	**0.0651**	**7.3168**	**2.1994**	**9.5162**	**3.9448**	**2.0235**	**5.9683**	**0.0000**	**6,469.1335**	**6,469.1335**	**1.1997**	**0.0000**	**6,488.8294**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**60.10**	**0.00**	**53.66**	**60.56**	**0.00**	**50.37**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	0.0862	1.0000e-005	8.6000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		1.8300e-003	1.8300e-003	0.0000		1.9500e-003
Energy	4.5200e-003	0.0411	0.0346	2.5000e-004		3.1300e-003	3.1300e-003		3.1300e-003	3.1300e-003		49.3558	49.3558	9.5000e-004	9.0000e-004	49.6491
Mobile	0.6919	3.4780	9.1848	0.0331	2.6404	0.0258	2.6662	0.7065	0.0241	0.7306		3,370.0205	3,370.0205	0.1610		3,374.0447
Total	**0.7827**	**3.5191**	**9.2202**	**0.0334**	**2.6404**	**0.0289**	**2.6694**	**0.7065**	**0.0272**	**0.7337**		**3,419.3782**	**3,419.3782**	**0.1619**	**9.0000e-004**	**3,423.6958**

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	0.0862	1.0000e-005	8.6000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		1.8300e-003	1.8300e-003	0.0000		1.9500e-003
Energy	4.5200e-003	0.0411	0.0346	2.5000e-004		3.1300e-003	3.1300e-003		3.1300e-003	3.1300e-003		49.3558	49.3558	9.5000e-004	9.0000e-004	49.6491
Mobile	0.6919	3.4780	9.1848	0.0331	2.6404	0.0258	2.6662	0.7065	0.0241	0.7306		3,370.0205	3,370.0205	0.1610		3,374.0447
Total	**0.7827**	**3.5191**	**9.2202**	**0.0334**	**2.6404**	**0.0289**	**2.6694**	**0.7065**	**0.0272**	**0.7337**		**3,419.3782**	**3,419.3782**	**0.1619**	**9.0000e-004**	**3,423.6958**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	1/1/2020	2/11/2020	5	30	
2	Site Preparation	Site Preparation	2/12/2020	3/10/2020	5	20	
3	Grading	Grading	3/11/2020	8/25/2020	5	120	
4	Building Construction	Building Construction	8/26/2020	10/6/2020	5	30	
5	Paving	Paving	10/7/2020	11/17/2020	5	30	
6	Architectural Coating	Architectural Coating	11/18/2020	12/15/2020	5	20	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 60

Acres of Paving: 3.4

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 840; Non-Residential Outdoor: 280; Striped Parking Area: 8,886 (Architectural Coating – sqft)

OffRoad Equipment

Desert Hot Springs Corporate Yard Park - South Coast AQMD Air District, Summer

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Excavators	3	8.00	158	0.38
Demolition	Rubber Tired Dozers	2	8.00	247	0.40
Site Preparation	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Grading	Excavators	1	8.00	158	0.38
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Building Construction	Cranes	1	7.00	231	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45
Paving	Pavers	2	8.00	130	0.42
Paving	Paving Equipment	2	8.00	132	0.36
Paving	Rollers	2	8.00	80	0.38
Architectural Coating	Air Compressors	1	6.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	6	16.00	0.00	18.00	19.80	7.90	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	7	18.00	0.00	0.00	19.80	7.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading	6	16.00	0.00	626.00	19.80	7.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	144.00	56.00	0.00	19.80	7.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	16.00	0.00	0.00	19.80	7.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	30.00	0.00	0.00	19.80	7.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Water Exposed Area

Water Unpaved Roads

Reduce Vehicle Speed on Unpaved Roads

3.2 Demolition - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.1240	0.0000	0.1240	0.0188	0.0000	0.0188			0.0000			0.0000
Off-Road	3.3121	33.2010	21.7532	0.0388		1.6587	1.6587		1.5419	1.5419		3,747.7049	3,747.7049	1.0580		3,774.1536
Total	**3.3121**	**33.2010**	**21.7532**	**0.0388**	**0.1240**	**1.6587**	**1.7827**	**0.0188**	**1.5419**	**1.5606**		**3,747.7049**	**3,747.7049**	**1.0580**		**3,774.1536**

3.2 Demolition - 2020

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	4.5600e-003	0.1633	0.0325	4.7000e-004	0.0105	5.3000e-004	0.0110	2.8700e-003	5.0000e-004	3.3800e-003		50.2998	50.2998	3.3800e-003		50.3841
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0911	0.0640	0.8593	2.4600e-003	0.2408	1.7900e-003	0.2426	0.0639	1.6500e-003	0.0655		245.3566	245.3566	6.9700e-003		245.5309
Total	**0.0957**	**0.2272**	**0.8917**	**2.9300e-003**	**0.2513**	**2.3200e-003**	**0.2536**	**0.0667**	**2.1500e-003**	**0.0689**		**295.6563**	**295.6563**	**0.0104**		**295.9150**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0484	0.0000	0.0484	7.3200e-003	0.0000	7.3200e-003			0.0000			0.0000
Off-Road	3.3121	33.2010	21.7532	0.0388		1.6587	1.6587		1.5419	1.5419	0.0000	3,747.7049	3,747.7049	1.0580		3,774.1536
Total	**3.3121**	**33.2010**	**21.7532**	**0.0388**	**0.0484**	**1.6587**	**1.7071**	**7.3200e-003**	**1.5419**	**1.5492**	**0.0000**	**3,747.7049**	**3,747.7049**	**1.0580**		**3,774.1536**

3.2 Demolition - 2020

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	4.5600e-003	0.1633	0.0325	4.7000e-004	0.0105	5.3000e-004	0.0110	2.8700e-003	5.0000e-004	3.3800e-003		50.2998	50.2998	3.3800e-003		50.3841
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0911	0.0640	0.8593	2.4600e-003	0.2408	1.7900e-003	0.2426	0.0639	1.6500e-003	0.0655		245.3566	245.3566	6.9700e-003		245.5309
Total	**0.0957**	**0.2272**	**0.8917**	**2.9300e-003**	**0.2513**	**2.3200e-003**	**0.2536**	**0.0667**	**2.1500e-003**	**0.0689**		**295.6563**	**295.6563**	**0.0104**		**295.9150**

3.3 Site Preparation - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	4.0765	42.4173	21.5136	0.0380		2.1974	2.1974		2.0216	2.0216		3,685.1016	3,685.1016	1.1918		3,714.8975
Total	**4.0765**	**42.4173**	**21.5136**	**0.0380**	**18.0663**	**2.1974**	**20.2637**	**9.9307**	**2.0216**	**11.9523**		**3,685.1016**	**3,685.1016**	**1.1918**		**3,714.8975**

3.3 Site Preparation - 2020

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1025	0.0720	0.9667	2.7700e-003	0.2709	2.0200e-003	0.2730	0.0719	1.8600e-003	0.0737		276.0261	276.0261	7.8400e-003		276.2222
Total	**0.1025**	**0.0720**	**0.9667**	**2.7700e-003**	**0.2709**	**2.0200e-003**	**0.2730**	**0.0719**	**1.8600e-003**	**0.0737**		**276.0261**	**276.0261**	**7.8400e-003**		**276.2222**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					7.0458	0.0000	7.0458	3.8730	0.0000	3.8730			0.0000			0.0000
Off-Road	4.0765	42.4173	21.5136	0.0380		2.1974	2.1974		2.0216	2.0216	0.0000	3,685.1016	3,685.1016	1.1918		3,714.8975
Total	**4.0765**	**42.4173**	**21.5136**	**0.0380**	**7.0458**	**2.1974**	**9.2433**	**3.8730**	**2.0216**	**5.8946**	**0.0000**	**3,685.1016**	**3,685.1016**	**1.1918**		**3,714.8975**

3.3 Site Preparation - 2020

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1025	0.0720	0.9667	2.7700e-003	0.2709	2.0200e-003	0.2730	0.0719	1.8600e-003	0.0737		276.0261	276.0261	7.8400e-003		276.2222
Total	**0.1025**	**0.0720**	**0.9667**	**2.7700e-003**	**0.2709**	**2.0200e-003**	**0.2730**	**0.0719**	**1.8600e-003**	**0.0737**		**276.0261**	**276.0261**	**7.8400e-003**		**276.2222**

3.4 Grading - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.5571	0.0000	6.5571	3.3682	0.0000	3.3682			0.0000			0.0000
Off-Road	2.4288	26.3859	16.0530	0.0297		1.2734	1.2734		1.1716	1.1716		2,872.4851	2,872.4851	0.9290		2,895.7106
Total	**2.4288**	**26.3859**	**16.0530**	**0.0297**	**6.5571**	**1.2734**	**7.8305**	**3.3682**	**1.1716**	**4.5398**		**2,872.4851**	**2,872.4851**	**0.9290**		**2,895.7106**

3.4 Grading - 2020

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0396	1.4197	0.2825	4.0500e-003	0.0912	4.5800e-003	0.0957	0.0250	4.3800e-003	0.0294		437.3284	437.3284	0.0294		438.0621
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0911	0.0640	0.8593	2.4600e-003	0.2408	1.7900e-003	0.2426	0.0639	1.6500e-003	0.0655		245.3566	245.3566	6.9700e-003		245.5309
Total	**0.1307**	**1.4836**	**1.1417**	**6.5100e-003**	**0.3320**	**6.3700e-003**	**0.3384**	**0.0888**	**6.0300e-003**	**0.0949**		**682.6850**	**682.6850**	**0.0363**		**683.5929**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.5573	0.0000	2.5573	1.3136	0.0000	1.3136			0.0000			0.0000
Off-Road	2.4288	26.3859	16.0530	0.0297		1.2734	1.2734		1.1716	1.1716	0.0000	2,872.4851	2,872.4851	0.9290		2,895.7106
Total	**2.4288**	**26.3859**	**16.0530**	**0.0297**	**2.5573**	**1.2734**	**3.8307**	**1.3136**	**1.1716**	**2.4852**	**0.0000**	**2,872.4851**	**2,872.4851**	**0.9290**		**2,895.7106**

3.4 Grading - 2020

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0396	1.4197	0.2825	4.0500e-003	0.0912	4.5800e-003	0.0957	0.0250	4.3800e-003	0.0294		437.3284	437.3284	0.0294		438.0621
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0911	0.0640	0.8593	2.4600e-003	0.2408	1.7900e-003	0.2426	0.0639	1.6500e-003	0.0655		245.3566	245.3566	6.9700e-003		245.5309
Total	**0.1307**	**1.4836**	**1.1417**	**6.5100e-003**	**0.3320**	**6.3700e-003**	**0.3384**	**0.0888**	**6.0300e-003**	**0.0949**		**682.6850**	**682.6850**	**0.0363**		**683.5929**

3.5 Building Construction - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.1198	19.1860	16.8485	0.0269		1.1171	1.1171		1.0503	1.0503		2,553.0631	2,553.0631	0.6229		2,568.6345
Total	**2.1198**	**19.1860**	**16.8485**	**0.0269**		**1.1171**	**1.1171**		**1.0503**	**1.0503**		**2,553.0631**	**2,553.0631**	**0.6229**		**2,568.6345**

3.5 Building Construction - 2020

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.1991	6.2277	1.4940	0.0160	0.4101	0.0331	0.4432	0.1181	0.0317	0.1497		1,707.8614	1,707.8614	0.1022		1,710.4171
Worker	0.8200	0.5756	7.7332	0.0222	2.1675	0.0161	2.1836	0.5748	0.0149	0.5896		2,208.2091	2,208.2091	0.0628		2,209.7778
Total	**1.0190**	**6.8032**	**9.2272**	**0.0382**	**2.5777**	**0.0492**	**2.6269**	**0.6928**	**0.0465**	**0.7393**		**3,916.0705**	**3,916.0705**	**0.1650**		**3,920.1949**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.1198	19.1860	16.8485	0.0269		1.1171	1.1171		1.0503	1.0503	0.0000	2,553.0631	2,553.0631	0.6229		2,568.6345
Total	**2.1198**	**19.1860**	**16.8485**	**0.0269**		**1.1171**	**1.1171**		**1.0503**	**1.0503**	**0.0000**	**2,553.0631**	**2,553.0631**	**0.6229**		**2,568.6345**

3.5 Building Construction - 2020

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.1991	6.2277	1.4940	0.0160	0.4101	0.0331	0.4432	0.1181	0.0317	0.1497		1,707.8614	1,707.8614	0.1022		1,710.4171
Worker	0.8200	0.5756	7.7332	0.0222	2.1675	0.0161	2.1836	0.5748	0.0149	0.5896		2,208.2091	2,208.2091	0.0628		2,209.7778
Total	**1.0190**	**6.8032**	**9.2272**	**0.0382**	**2.5777**	**0.0492**	**2.6269**	**0.6928**	**0.0465**	**0.7393**		**3,916.0705**	**3,916.0705**	**0.1650**		**3,920.1949**

3.6 Paving - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3566	14.0656	14.6521	0.0228		0.7528	0.7528		0.6926	0.6926		2,207.7334	2,207.7334	0.7140		2,225.5841
Paving	0.2183					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.5749**	**14.0656**	**14.6521**	**0.0228**		**0.7528**	**0.7528**		**0.6926**	**0.6926**		**2,207.7334**	**2,207.7334**	**0.7140**		**2,225.5841**

3.6 Paving - 2020

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0911	0.0640	0.8593	2.4600e-003	0.2408	1.7900e-003	0.2426	0.0639	1.6500e-003	0.0655		245.3566	245.3566	6.9700e-003		245.5309
Total	**0.0911**	**0.0640**	**0.8593**	**2.4600e-003**	**0.2408**	**1.7900e-003**	**0.2426**	**0.0639**	**1.6500e-003**	**0.0655**		**245.3566**	**245.3566**	**6.9700e-003**		**245.5309**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3566	14.0656	14.6521	0.0228		0.7528	0.7528		0.6926	0.6926	0.0000	2,207.7334	2,207.7334	0.7140		2,225.5841
Paving	0.2183					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.5749**	**14.0656**	**14.6521**	**0.0228**		**0.7528**	**0.7528**		**0.6926**	**0.6926**	**0.0000**	**2,207.7334**	**2,207.7334**	**0.7140**		**2,225.5841**

3.6 Paving - 2020

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0911	0.0640	0.8593	2.4600e-003	0.2408	1.7900e-003	0.2426	0.0639	1.6500e-003	0.0655		245.3566	245.3566	6.9700e-003		245.5309
Total	**0.0911**	**0.0640**	**0.8593**	**2.4600e-003**	**0.2408**	**1.7900e-003**	**0.2426**	**0.0639**	**1.6500e-003**	**0.0655**		**245.3566**	**245.3566**	**6.9700e-003**		**245.5309**

3.7 Architectural Coating - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	2.3189					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2422	1.6838	1.8314	2.9700e-003		0.1109	0.1109		0.1109	0.1109		281.4481	281.4481	0.0218		281.9928
Total	**2.5611**	**1.6838**	**1.8314**	**2.9700e-003**		**0.1109**	**0.1109**		**0.1109**	**0.1109**		**281.4481**	**281.4481**	**0.0218**		**281.9928**

3.7 Architectural Coating - 2020

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1708	0.1199	1.6111	4.6200e-003	0.4516	3.3600e-003	0.4549	0.1197	3.0900e-003	0.1228		460.0436	460.0436	0.0131		460.3704
Total	**0.1708**	**0.1199**	**1.6111**	**4.6200e-003**	**0.4516**	**3.3600e-003**	**0.4549**	**0.1197**	**3.0900e-003**	**0.1228**		**460.0436**	**460.0436**	**0.0131**		**460.3704**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	2.3189					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2422	1.6838	1.8314	2.9700e-003		0.1109	0.1109		0.1109	0.1109	0.0000	281.4481	281.4481	0.0218		281.9928
Total	**2.5611**	**1.6838**	**1.8314**	**2.9700e-003**		**0.1109**	**0.1109**		**0.1109**	**0.1109**	**0.0000**	**281.4481**	**281.4481**	**0.0218**		**281.9928**

3.7 Architectural Coating - 2020

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1708	0.1199	1.6111	4.6200e-003	0.4516	3.3600e-003	0.4549	0.1197	3.0900e-003	0.1228		460.0436	460.0436	0.0131		460.3704
Total	**0.1708**	**0.1199**	**1.6111**	**4.6200e-003**	**0.4516**	**3.3600e-003**	**0.4549**	**0.1197**	**3.0900e-003**	**0.1228**		**460.0436**	**460.0436**	**0.0131**		**460.3704**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.6919	3.4780	9.1848	0.0331	2.6404	0.0258	2.6662	0.7065	0.0241	0.7306		3,370.0205	3,370.0205	0.1610		3,374.0447
Unmitigated	0.6919	3.4780	9.1848	0.0331	2.6404	0.0258	2.6662	0.7065	0.0241	0.7306		3,370.0205	3,370.0205	0.1610		3,374.0447

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
City Park	375.00	375.00	375.00	1,241,798	1,241,798
Fast Food Restaurant w/o Drive Thru	0.00	0.00	0.00		
Other Non-Asphalt Surfaces	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Total	375.00	375.00	375.00	1,241,798	1,241,798

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
City Park	18.50	10.10	7.90	33.00	48.00	19.00	66	28	6
Fast Food Restaurant w/o Drive	18.50	10.10	7.90	1.50	79.50	19.00	51	37	12
Other Non-Asphalt Surfaces	18.50	10.10	7.90	0.00	0.00	0.00	0	0	0
Parking Lot	18.50	10.10	7.90	0.00	0.00	0.00	0	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
City Park	0.548858	0.043235	0.200706	0.120309	0.016131	0.005851	0.021034	0.033479	0.002070	0.001877	0.004817	0.000707	0.000925
Fast Food Restaurant w/o Drive Thru	0.548858	0.043235	0.200706	0.120309	0.016131	0.005851	0.021034	0.033479	0.002070	0.001877	0.004817	0.000707	0.000925
Other Non-Asphalt Surfaces	0.548858	0.043235	0.200706	0.120309	0.016131	0.005851	0.021034	0.033479	0.002070	0.001877	0.004817	0.000707	0.000925
Parking Lot	0.548858	0.043235	0.200706	0.120309	0.016131	0.005851	0.021034	0.033479	0.002070	0.001877	0.004817	0.000707	0.000925

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	4.5200e-003	0.0411	0.0346	2.5000e-004		3.1300e-003	3.1300e-003		3.1300e-003	3.1300e-003		49.3558	49.3558	9.5000e-004	9.0000e-004	49.6491
NaturalGas Unmitigated	4.5200e-003	0.0411	0.0346	2.5000e-004		3.1300e-003	3.1300e-003		3.1300e-003	3.1300e-003		49.3558	49.3558	9.5000e-004	9.0000e-004	49.6491

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Fast Food Restaurant w/o Drive Thru	419.524	4.5200e-003	0.0411	0.0346	2.5000e-004		3.1300e-003	3.1300e-003		3.1300e-003	3.1300e-003		49.3558	49.3558	9.5000e-004	9.0000e-004	49.6491
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		**4.5200e-003**	**0.0411**	**0.0346**	**2.5000e-004**		**3.1300e-003**	**3.1300e-003**		**3.1300e-003**	**3.1300e-003**		**49.3558**	**49.3558**	**9.5000e-004**	**9.0000e-004**	**49.6491**

5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Fast Food Restaurant w/o Drive Thru	0.419524	4.5200e-003	0.0411	0.0346	2.5000e-004		3.1300e-003	3.1300e-003		3.1300e-003	3.1300e-003		49.3558	49.3558	9.5000e-004	9.0000e-004	49.6491
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		**4.5200e-003**	**0.0411**	**0.0346**	**2.5000e-004**		**3.1300e-003**	**3.1300e-003**		**3.1300e-003**	**3.1300e-003**		**49.3558**	**49.3558**	**9.5000e-004**	**9.0000e-004**	**49.6491**

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.0862	1.0000e-005	8.6000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		1.8300e-003	1.8300e-003	0.0000		1.9500e-003
Unmitigated	0.0862	1.0000e-005	8.6000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		1.8300e-003	1.8300e-003	0.0000		1.9500e-003

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.0127					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.0734					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	8.0000e-005	1.0000e-005	8.6000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		1.8300e-003	1.8300e-003	0.0000		1.9500e-003
Total	**0.0862**	**1.0000e-005**	**8.6000e-004**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**1.8300e-003**	**1.8300e-003**	**0.0000**		**1.9500e-003**

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.0127					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.0734					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	8.0000e-005	1.0000e-005	8.6000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		1.8300e-003	1.8300e-003	0.0000		1.9500e-003
Total	**0.0862**	**1.0000e-005**	**8.6000e-004**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**1.8300e-003**	**1.8300e-003**	**0.0000**		**1.9500e-003**

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

Institute Recycling and Composting Services

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type

Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

Desert Hot Springs Corporate Yard Park

South Coast AQMD Air District, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Other Non-Asphalt Surfaces	0.90	Acre	0.90	39,204.00	0
Parking Lot	2.50	Acre	2.50	108,900.00	0
City Park	4.40	Acre	4.40	191,664.00	0
Fast Food Restaurant w/o Drive Thru	0.56	1000sqft	0.01	560.00	0

1.2 Other Project Characteristics

Urbanization	Rural	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	31
Climate Zone	10			**Operational Year**	2021
Utility Company	Southern California Edison				
CO2 Intensity (lb/MWhr)	702.44	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - Based on project description.

Construction Phase - Based on project design details.

Off-road Equipment - CalEEMod defaults.

Off-road Equipment - CalEEMod defaults.

Off-road Equipment - CalEEMod defaults.

Off-road Equipment - CalEEMod defaults.

Off-road Equipment - CalEEMod defaults.

Off-road Equipment - CalEEMod defaults.

Trips and VMT - CalEEMod defaults.

On-road Fugitive Dust - CalEEMod defaults.

Demolition - Based on existing buildings to be demolished.

Grading - Based on City provided information.

Architectural Coating - CalEEMod defaults.

Vehicle Trips - Based on SANDAG trip rates.

Consumer Products - CalEEMod defaults.

Area Coating - CalEEMod defaults.

Landscape Equipment - CalEEMod defaults.

Energy Use - CalEEMod defaults.

Water And Wastewater - CalEEMod defaults.

Solid Waste - CalEEMod defaults.

Construction Off-road Equipment Mitigation - In accordance with SCAQMD Rule 403.1.

Water Mitigation - NA

Waste Mitigation - In accordance with AB 341.

Desert Hot Springs Corporate Yard Park - South Coast AQMD Air District, Winter

Table Name	Column Name	Default Value	New Value
tblConstDustMitigation	WaterUnpavedRoadMoistureContent	0	12
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstructionPhase	NumDays	230.00	30.00
tblConstructionPhase	NumDays	20.00	30.00
tblConstructionPhase	NumDays	20.00	120.00
tblConstructionPhase	NumDays	20.00	30.00
tblConstructionPhase	NumDays	10.00	20.00
tblGrading	MaterialExported	0.00	5,000.00
tblProjectCharacteristics	UrbanizationLevel	Urban	Rural
tblTripsAndVMT	HaulingTripNumber	17.00	18.00
tblTripsAndVMT	HaulingTripNumber	625.00	626.00
tblTripsAndVMT	WorkerTripNumber	15.00	16.00
tblTripsAndVMT	WorkerTripNumber	15.00	16.00
tblTripsAndVMT	WorkerTripNumber	143.00	144.00
tblTripsAndVMT	WorkerTripNumber	15.00	16.00
tblTripsAndVMT	WorkerTripNumber	29.00	30.00
tblVehicleTrips	ST_TR	22.75	85.23
tblVehicleTrips	ST_TR	696.00	0.00
tblVehicleTrips	SU_TR	16.74	85.23
tblVehicleTrips	SU_TR	500.00	0.00
tblVehicleTrips	WD_TR	1.89	85.23
tblVehicleTrips	WD_TR	716.00	0.00

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2020	4.1897	42.4961	25.4102	0.0632	18.3372	2.1994	20.5366	10.0025	2.0235	12.0260	0.0000	6,281.3122	6,281.3122	1.1991	0.0000	6,301.0758
Maximum	**4.1897**	**42.4961**	**25.4102**	**0.0632**	**18.3372**	**2.1994**	**20.5366**	**10.0025**	**2.0235**	**12.0260**	**0.0000**	**6,281.3122**	**6,281.3122**	**1.1991**	**0.0000**	**6,301.0758**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2020	4.1897	42.4961	25.4102	0.0632	7.3168	2.1994	9.5162	3.9448	2.0235	5.9683	0.0000	6,281.3122	6,281.3122	1.1991	0.0000	6,301.0758
Maximum	**4.1897**	**42.4961**	**25.4102**	**0.0632**	**7.3168**	**2.1994**	**9.5162**	**3.9448**	**2.0235**	**5.9683**	**0.0000**	**6,281.3122**	**6,281.3122**	**1.1991**	**0.0000**	**6,301.0758**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**60.10**	**0.00**	**53.66**	**60.56**	**0.00**	**50.37**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	0.0862	1.0000e-005	8.6000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		1.8300e-003	1.8300e-003	0.0000		1.9500e-003
Energy	4.5200e-003	0.0411	0.0346	2.5000e-004		3.1300e-003	3.1300e-003		3.1300e-003	3.1300e-003		49.3558	49.3558	9.5000e-004	9.0000e-004	49.6491
Mobile	0.6581	3.5503	8.5985	0.0314	2.6404	0.0260	2.6664	0.7065	0.0242	0.7307		3,190.9486	3,190.9486	0.1608		3,194.9675
Total	**0.7488**	**3.5914**	**8.6339**	**0.0316**	**2.6404**	**0.0291**	**2.6695**	**0.7065**	**0.0274**	**0.7339**		**3,240.3062**	**3,240.3062**	**0.1617**	**9.0000e-004**	**3,244.6186**

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	0.0862	1.0000e-005	8.6000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		1.8300e-003	1.8300e-003	0.0000		1.9500e-003
Energy	4.5200e-003	0.0411	0.0346	2.5000e-004		3.1300e-003	3.1300e-003		3.1300e-003	3.1300e-003		49.3558	49.3558	9.5000e-004	9.0000e-004	49.6491
Mobile	0.6581	3.5503	8.5985	0.0314	2.6404	0.0260	2.6664	0.7065	0.0242	0.7307		3,190.9486	3,190.9486	0.1608		3,194.9675
Total	**0.7488**	**3.5914**	**8.6339**	**0.0316**	**2.6404**	**0.0291**	**2.6695**	**0.7065**	**0.0274**	**0.7339**		**3,240.3062**	**3,240.3062**	**0.1617**	**9.0000e-004**	**3,244.6186**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	1/1/2020	2/11/2020	5	30	
2	Site Preparation	Site Preparation	2/12/2020	3/10/2020	5	20	
3	Grading	Grading	3/11/2020	8/25/2020	5	120	
4	Building Construction	Building Construction	8/26/2020	10/6/2020	5	30	
5	Paving	Paving	10/7/2020	11/17/2020	5	30	
6	Architectural Coating	Architectural Coating	11/18/2020	12/15/2020	5	20	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 60

Acres of Paving: 3.4

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 840; Non-Residential Outdoor: 280; Striped Parking Area: 8,886 (Architectural Coating – sqft)

OffRoad Equipment

Desert Hot Springs Corporate Yard Park - South Coast AQMD Air District, Winter

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Excavators	3	8.00	158	0.38
Demolition	Rubber Tired Dozers	2	8.00	247	0.40
Site Preparation	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Grading	Excavators	1	8.00	158	0.38
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Building Construction	Cranes	1	7.00	231	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45
Paving	Pavers	2	8.00	130	0.42
Paving	Paving Equipment	2	8.00	132	0.36
Paving	Rollers	2	8.00	80	0.38
Architectural Coating	Air Compressors	1	6.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	6	16.00	0.00	18.00	19.80	7.90	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	7	18.00	0.00	0.00	19.80	7.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading	6	16.00	0.00	626.00	19.80	7.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	144.00	56.00	0.00	19.80	7.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	16.00	0.00	0.00	19.80	7.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	30.00	0.00	0.00	19.80	7.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Water Exposed Area

Water Unpaved Roads

Reduce Vehicle Speed on Unpaved Roads

3.2 Demolition - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.1240	0.0000	0.1240	0.0188	0.0000	0.0188			0.0000			0.0000
Off-Road	3.3121	33.2010	21.7532	0.0388		1.6587	1.6587		1.5419	1.5419		3,747.7049	3,747.7049	1.0580		3,774.1536
Total	**3.3121**	**33.2010**	**21.7532**	**0.0388**	**0.1240**	**1.6587**	**1.7827**	**0.0188**	**1.5419**	**1.5606**		**3,747.7049**	**3,747.7049**	**1.0580**		**3,774.1536**

3.2 Demolition - 2020

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	4.6900e-003	0.1654	0.0350	4.6000e-004	0.0105	5.3000e-004	0.0110	2.8700e-003	5.1000e-004	3.3800e-003		49.3739	49.3739	3.5200e-003		49.4619
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1007	0.0700	0.7675	2.3000e-003	0.2408	1.7900e-003	0.2426	0.0639	1.6500e-003	0.0655		229.4253	229.4253	6.4800e-003		229.5873
Total	**0.1054**	**0.2354**	**0.8025**	**2.7600e-003**	**0.2513**	**2.3200e-003**	**0.2537**	**0.0667**	**2.1600e-003**	**0.0689**		**278.7992**	**278.7992**	**0.0100**		**279.0492**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0484	0.0000	0.0484	7.3200e-003	0.0000	7.3200e-003			0.0000			0.0000
Off-Road	3.3121	33.2010	21.7532	0.0388		1.6587	1.6587		1.5419	1.5419	0.0000	3,747.7049	3,747.7049	1.0580		3,774.1536
Total	**3.3121**	**33.2010**	**21.7532**	**0.0388**	**0.0484**	**1.6587**	**1.7071**	**7.3200e-003**	**1.5419**	**1.5492**	**0.0000**	**3,747.7049**	**3,747.7049**	**1.0580**		**3,774.1536**

3.2 Demolition - 2020

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	4.6900e-003	0.1654	0.0350	4.6000e-004	0.0105	5.3000e-004	0.0110	2.8700e-003	5.1000e-004	3.3800e-003		49.3739	49.3739	3.5200e-003		49.4619
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1007	0.0700	0.7675	2.3000e-003	0.2408	1.7900e-003	0.2426	0.0639	1.6500e-003	0.0655		229.4253	229.4253	6.4800e-003		229.5873
Total	**0.1054**	**0.2354**	**0.8025**	**2.7600e-003**	**0.2513**	**2.3200e-003**	**0.2537**	**0.0667**	**2.1600e-003**	**0.0689**		**278.7992**	**278.7992**	**0.0100**		**279.0492**

3.3 Site Preparation - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	4.0765	42.4173	21.5136	0.0380		2.1974	2.1974		2.0216	2.0216		3,685.1016	3,685.1016	1.1918		3,714.8975
Total	**4.0765**	**42.4173**	**21.5136**	**0.0380**	**18.0663**	**2.1974**	**20.2637**	**9.9307**	**2.0216**	**11.9523**		**3,685.1016**	**3,685.1016**	**1.1918**		**3,714.8975**

3.3 Site Preparation - 2020

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1133	0.0788	0.8635	2.5900e-003	0.2709	2.0200e-003	0.2730	0.0719	1.8600e-003	0.0737		258.1034	258.1034	7.2900e-003		258.2857
Total	**0.1133**	**0.0788**	**0.8635**	**2.5900e-003**	**0.2709**	**2.0200e-003**	**0.2730**	**0.0719**	**1.8600e-003**	**0.0737**		**258.1034**	**258.1034**	**7.2900e-003**		**258.2857**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					7.0458	0.0000	7.0458	3.8730	0.0000	3.8730			0.0000			0.0000
Off-Road	4.0765	42.4173	21.5136	0.0380		2.1974	2.1974		2.0216	2.0216	0.0000	3,685.1016	3,685.1016	1.1918		3,714.8975
Total	**4.0765**	**42.4173**	**21.5136**	**0.0380**	**7.0458**	**2.1974**	**9.2433**	**3.8730**	**2.0216**	**5.8946**	**0.0000**	**3,685.1016**	**3,685.1016**	**1.1918**		**3,714.8975**

3.3 Site Preparation - 2020

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1133	0.0788	0.8635	2.5900e-003	0.2709	2.0200e-003	0.2730	0.0719	1.8600e-003	0.0737		258.1034	258.1034	7.2900e-003		258.2857
Total	**0.1133**	**0.0788**	**0.8635**	**2.5900e-003**	**0.2709**	**2.0200e-003**	**0.2730**	**0.0719**	**1.8600e-003**	**0.0737**		**258.1034**	**258.1034**	**7.2900e-003**		**258.2857**

3.4 Grading - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.5571	0.0000	6.5571	3.3682	0.0000	3.3682			0.0000			0.0000
Off-Road	2.4288	26.3859	16.0530	0.0297		1.2734	1.2734		1.1716	1.1716		2,872.4851	2,872.4851	0.9290		2,895.7106
Total	**2.4288**	**26.3859**	**16.0530**	**0.0297**	**6.5571**	**1.2734**	**7.8305**	**3.3682**	**1.1716**	**4.5398**		**2,872.4851**	**2,872.4851**	**0.9290**		**2,895.7106**

3.4 Grading - 2020

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0408	1.4379	0.3041	3.9700e-003	0.0912	4.6500e-003	0.0958	0.0250	4.4500e-003	0.0294		429.2785	429.2785	0.0306		430.0440
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1007	0.0700	0.7675	2.3000e-003	0.2408	1.7900e-003	0.2426	0.0639	1.6500e-003	0.0655		229.4253	229.4253	6.4800e-003		229.5873
Total	**0.1414**	**1.5079**	**1.0716**	**6.2700e-003**	**0.3320**	**6.4400e-003**	**0.3384**	**0.0888**	**6.1000e-003**	**0.0949**		**658.7038**	**658.7038**	**0.0371**		**659.6313**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.5573	0.0000	2.5573	1.3136	0.0000	1.3136			0.0000			0.0000
Off-Road	2.4288	26.3859	16.0530	0.0297		1.2734	1.2734		1.1716	1.1716	0.0000	2,872.4851	2,872.4851	0.9290		2,895.7106
Total	**2.4288**	**26.3859**	**16.0530**	**0.0297**	**2.5573**	**1.2734**	**3.8307**	**1.3136**	**1.1716**	**2.4852**	**0.0000**	**2,872.4851**	**2,872.4851**	**0.9290**		**2,895.7106**

3.4 Grading - 2020

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0408	1.4379	0.3041	3.9700e-003	0.0912	4.6500e-003	0.0958	0.0250	4.4500e-003	0.0294		429.2785	429.2785	0.0306		430.0440
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1007	0.0700	0.7675	2.3000e-003	0.2408	1.7900e-003	0.2426	0.0639	1.6500e-003	0.0655		229.4253	229.4253	6.4800e-003		229.5873
Total	**0.1414**	**1.5079**	**1.0716**	**6.2700e-003**	**0.3320**	**6.4400e-003**	**0.3384**	**0.0888**	**6.1000e-003**	**0.0949**		**658.7038**	**658.7038**	**0.0371**		**659.6313**

3.5 Building Construction - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.1198	19.1860	16.8485	0.0269		1.1171	1.1171		1.0503	1.0503		2,553.0631	2,553.0631	0.6229		2,568.6345
Total	**2.1198**	**19.1860**	**16.8485**	**0.0269**		**1.1171**	**1.1171**		**1.0503**	**1.0503**		**2,553.0631**	**2,553.0631**	**0.6229**		**2,568.6345**

3.5 Building Construction - 2020

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.2079	6.2364	1.6539	0.0156	0.4101	0.0335	0.4437	0.1181	0.0321	0.1501		1,663.4218	1,663.4218	0.1094		1,666.1557
Worker	0.9060	0.6304	6.9078	0.0207	2.1675	0.0161	2.1836	0.5748	0.0149	0.5896		2,064.8274	2,064.8274	0.0583		2,066.2856
Total	**1.1139**	**6.8668**	**8.5617**	**0.0363**	**2.5777**	**0.0497**	**2.6273**	**0.6928**	**0.0469**	**0.7398**		**3,728.2492**	**3,728.2492**	**0.1677**		**3,732.4413**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.1198	19.1860	16.8485	0.0269		1.1171	1.1171		1.0503	1.0503	0.0000	2,553.0631	2,553.0631	0.6229		2,568.6345
Total	**2.1198**	**19.1860**	**16.8485**	**0.0269**		**1.1171**	**1.1171**		**1.0503**	**1.0503**	**0.0000**	**2,553.0631**	**2,553.0631**	**0.6229**		**2,568.6345**

3.5 Building Construction - 2020

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.2079	6.2364	1.6539	0.0156	0.4101	0.0335	0.4437	0.1181	0.0321	0.1501		1,663.4218	1,663.4218	0.1094		1,666.1557
Worker	0.9060	0.6304	6.9078	0.0207	2.1675	0.0161	2.1836	0.5748	0.0149	0.5896		2,064.8274	2,064.8274	0.0583		2,066.2856
Total	**1.1139**	**6.8668**	**8.5617**	**0.0363**	**2.5777**	**0.0497**	**2.6273**	**0.6928**	**0.0469**	**0.7398**		**3,728.2492**	**3,728.2492**	**0.1677**		**3,732.4413**

3.6 Paving - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3566	14.0656	14.6521	0.0228		0.7528	0.7528		0.6926	0.6926		2,207.7334	2,207.7334	0.7140		2,225.5841
Paving	0.2183					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.5749**	**14.0656**	**14.6521**	**0.0228**		**0.7528**	**0.7528**		**0.6926**	**0.6926**		**2,207.7334**	**2,207.7334**	**0.7140**		**2,225.5841**

3.6 Paving - 2020

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1007	0.0700	0.7675	2.3000e-003	0.2408	1.7900e-003	0.2426	0.0639	1.6500e-003	0.0655		229.4253	229.4253	6.4800e-003		229.5873
Total	**0.1007**	**0.0700**	**0.7675**	**2.3000e-003**	**0.2408**	**1.7900e-003**	**0.2426**	**0.0639**	**1.6500e-003**	**0.0655**		**229.4253**	**229.4253**	**6.4800e-003**		**229.5873**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3566	14.0656	14.6521	0.0228		0.7528	0.7528		0.6926	0.6926	0.0000	2,207.7334	2,207.7334	0.7140		2,225.5841
Paving	0.2183					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.5749**	**14.0656**	**14.6521**	**0.0228**		**0.7528**	**0.7528**		**0.6926**	**0.6926**	**0.0000**	**2,207.7334**	**2,207.7334**	**0.7140**		**2,225.5841**

3.6 Paving - 2020

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1007	0.0700	0.7675	2.3000e-003	0.2408	1.7900e-003	0.2426	0.0639	1.6500e-003	0.0655		229.4253	229.4253	6.4800e-003		229.5873
Total	**0.1007**	**0.0700**	**0.7675**	**2.3000e-003**	**0.2408**	**1.7900e-003**	**0.2426**	**0.0639**	**1.6500e-003**	**0.0655**		**229.4253**	**229.4253**	**6.4800e-003**		**229.5873**

3.7 Architectural Coating - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	2.3189					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2422	1.6838	1.8314	2.9700e-003		0.1109	0.1109		0.1109	0.1109		281.4481	281.4481	0.0218		281.9928
Total	**2.5611**	**1.6838**	**1.8314**	**2.9700e-003**		**0.1109**	**0.1109**		**0.1109**	**0.1109**		**281.4481**	**281.4481**	**0.0218**		**281.9928**

3.7 Architectural Coating - 2020

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1887	0.1313	1.4391	4.3200e-003	0.4516	3.3600e-003	0.4549	0.1197	3.0900e-003	0.1228		430.1724	430.1724	0.0122		430.4762
Total	**0.1887**	**0.1313**	**1.4391**	**4.3200e-003**	**0.4516**	**3.3600e-003**	**0.4549**	**0.1197**	**3.0900e-003**	**0.1228**		**430.1724**	**430.1724**	**0.0122**		**430.4762**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	2.3189					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2422	1.6838	1.8314	2.9700e-003		0.1109	0.1109		0.1109	0.1109	0.0000	281.4481	281.4481	0.0218		281.9928
Total	**2.5611**	**1.6838**	**1.8314**	**2.9700e-003**		**0.1109**	**0.1109**		**0.1109**	**0.1109**	**0.0000**	**281.4481**	**281.4481**	**0.0218**		**281.9928**

3.7 Architectural Coating - 2020

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1887	0.1313	1.4391	4.3200e-003	0.4516	3.3600e-003	0.4549	0.1197	3.0900e-003	0.1228		430.1724	430.1724	0.0122		430.4762
Total	**0.1887**	**0.1313**	**1.4391**	**4.3200e-003**	**0.4516**	**3.3600e-003**	**0.4549**	**0.1197**	**3.0900e-003**	**0.1228**		**430.1724**	**430.1724**	**0.0122**		**430.4762**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.6581	3.5503	8.5985	0.0314	2.6404	0.0260	2.6664	0.7065	0.0242	0.7307		3,190.9486	3,190.9486	0.1608		3,194.9675
Unmitigated	0.6581	3.5503	8.5985	0.0314	2.6404	0.0260	2.6664	0.7065	0.0242	0.7307		3,190.9486	3,190.9486	0.1608		3,194.9675

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
City Park	375.00	375.00	375.00	1,241,798	1,241,798
Fast Food Restaurant w/o Drive Thru	0.00	0.00	0.00		
Other Non-Asphalt Surfaces	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Total	375.00	375.00	375.00	1,241,798	1,241,798

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
City Park	18.50	10.10	7.90	33.00	48.00	19.00	66	28	6
Fast Food Restaurant w/o Drive	18.50	10.10	7.90	1.50	79.50	19.00	51	37	12
Other Non-Asphalt Surfaces	18.50	10.10	7.90	0.00	0.00	0.00	0	0	0
Parking Lot	18.50	10.10	7.90	0.00	0.00	0.00	0	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
City Park	0.548858	0.043235	0.200706	0.120309	0.016131	0.005851	0.021034	0.033479	0.002070	0.001877	0.004817	0.000707	0.000925
Fast Food Restaurant w/o Drive Thru	0.548858	0.043235	0.200706	0.120309	0.016131	0.005851	0.021034	0.033479	0.002070	0.001877	0.004817	0.000707	0.000925
Other Non-Asphalt Surfaces	0.548858	0.043235	0.200706	0.120309	0.016131	0.005851	0.021034	0.033479	0.002070	0.001877	0.004817	0.000707	0.000925
Parking Lot	0.548858	0.043235	0.200706	0.120309	0.016131	0.005851	0.021034	0.033479	0.002070	0.001877	0.004817	0.000707	0.000925

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	4.5200e-003	0.0411	0.0346	2.5000e-004		3.1300e-003	3.1300e-003		3.1300e-003	3.1300e-003		49.3558	49.3558	9.5000e-004	9.0000e-004	49.6491
NaturalGas Unmitigated	4.5200e-003	0.0411	0.0346	2.5000e-004		3.1300e-003	3.1300e-003		3.1300e-003	3.1300e-003		49.3558	49.3558	9.5000e-004	9.0000e-004	49.6491

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Fast Food Restaurant w/o Drive Thru	419.524	4.5200e-003	0.0411	0.0346	2.5000e-004		3.1300e-003	3.1300e-003		3.1300e-003	3.1300e-003		49.3558	49.3558	9.5000e-004	9.0000e-004	49.6491
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		**4.5200e-003**	**0.0411**	**0.0346**	**2.5000e-004**		**3.1300e-003**	**3.1300e-003**		**3.1300e-003**	**3.1300e-003**		**49.3558**	**49.3558**	**9.5000e-004**	**9.0000e-004**	**49.6491**

5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Fast Food Restaurant w/o Drive Thru	0.419524	4.5200e-003	0.0411	0.0346	2.5000e-004		3.1300e-003	3.1300e-003		3.1300e-003	3.1300e-003		49.3558	49.3558	9.5000e-004	9.0000e-004	49.6491
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		**4.5200e-003**	**0.0411**	**0.0346**	**2.5000e-004**		**3.1300e-003**	**3.1300e-003**		**3.1300e-003**	**3.1300e-003**		**49.3558**	**49.3558**	**9.5000e-004**	**9.0000e-004**	**49.6491**

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.0862	1.0000e-005	8.6000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		1.8300e-003	1.8300e-003	0.0000		1.9500e-003
Unmitigated	0.0862	1.0000e-005	8.6000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		1.8300e-003	1.8300e-003	0.0000		1.9500e-003

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.0127					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.0734					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	8.0000e-005	1.0000e-005	8.6000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		1.8300e-003	1.8300e-003	0.0000		1.9500e-003
Total	**0.0862**	**1.0000e-005**	**8.6000e-004**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**1.8300e-003**	**1.8300e-003**	**0.0000**		**1.9500e-003**

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.0127					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.0734					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	8.0000e-005	1.0000e-005	8.6000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		1.8300e-003	1.8300e-003	0.0000		1.9500e-003
Total	**0.0862**	**1.0000e-005**	**8.6000e-004**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**1.8300e-003**	**1.8300e-003**	**0.0000**		**1.9500e-003**

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

Institute Recycling and Composting Services

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type

Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

Desert Hot Springs Corporate Yard Park LST

South Coast AQMD Air District, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Other Non-Asphalt Surfaces	0.90	Acre	0.90	39,204.00	0
Parking Lot	2.50	Acre	2.50	108,900.00	0
City Park	4.40	Acre	4.40	191,664.00	0
Fast Food Restaurant w/o Drive Thru	0.56	1000sqft	0.01	560.00	0

1.2 Other Project Characteristics

Urbanization	Rural	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	31
Climate Zone	10			**Operational Year**	2021
Utility Company	Southern California Edison				
CO2 Intensity (lb/MWhr)	702.44	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - Based on project description.

Construction Phase - CalEEMod defaults.

Off-road Equipment - CalEEMod defaults.

Off-road Equipment - CalEEMod defaults.

Off-road Equipment - CalEEMod defaults.

Off-road Equipment - CalEEMod defaults.

Off-road Equipment - CalEEMod defaults.

Off-road Equipment - CalEEMod defaults.

Trips and VMT - CalEEMod defaults.

On-road Fugitive Dust - CalEEMod defaults.

Demolition - Based on existing buildings to be demolished.

Grading - Based on City provided information.

Architectural Coating - CalEEMod defaults.

Vehicle Trips - Based on SANDAG trip rates.

Consumer Products - CalEEMod defaults.

Area Coating - CalEEMod defaults.

Landscape Equipment - CalEEMod defaults.

Energy Use - CalEEMod defaults.

Water And Wastewater - CalEEMod defaults.

Solid Waste - CalEEMod defaults.

Construction Off-road Equipment Mitigation - In accordance with SCAQMD Rule 403.1.

Water Mitigation - NA

Waste Mitigation - In accordance with AB 341.

Table Name	Column Name	Default Value	New Value
tblConstDustMitigation	WaterUnpavedRoadMoistureContent	0	12
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15

tblConstructionPhase	NumDays	230.00	30.00
tblConstructionPhase	NumDays	20.00	30.00
tblConstructionPhase	NumDays	20.00	120.00
tblConstructionPhase	NumDays	20.00	30.00
tblConstructionPhase	NumDays	10.00	20.00
tblGrading	MaterialExported	0.00	5,000.00
tblProjectCharacteristics	UrbanizationLevel	Urban	Rural
tblTripsAndVMT	HaulingTripLength	20.00	0.19
tblTripsAndVMT	HaulingTripLength	20.00	0.19
tblTripsAndVMT	HaulingTripLength	20.00	0.19
tblTripsAndVMT	HaulingTripLength	20.00	0.19
tblTripsAndVMT	HaulingTripLength	20.00	0.19
tblTripsAndVMT	HaulingTripLength	20.00	0.19
tblTripsAndVMT	HaulingTripNumber	17.00	18.00
tblTripsAndVMT	HaulingTripNumber	625.00	626.00
tblTripsAndVMT	VendorTripLength	7.90	0.19
tblTripsAndVMT	VendorTripLength	7.90	0.19
tblTripsAndVMT	VendorTripLength	7.90	0.19
tblTripsAndVMT	VendorTripLength	7.90	0.19
tblTripsAndVMT	VendorTripLength	7.90	0.19
tblTripsAndVMT	VendorTripLength	7.90	0.19
tblTripsAndVMT	WorkerTripLength	19.80	0.19
tblTripsAndVMT	WorkerTripLength	19.80	0.19
tblTripsAndVMT	WorkerTripLength	19.80	0.19
tblTripsAndVMT	WorkerTripLength	19.80	0.19
tblTripsAndVMT	WorkerTripLength	19.80	0.19
tblTripsAndVMT	WorkerTripLength	19.80	0.19

tblTripsAndVMT	WorkerTripNumber	15.00	16.00
tblTripsAndVMT	WorkerTripNumber	15.00	16.00
tblTripsAndVMT	WorkerTripNumber	143.00	144.00
tblTripsAndVMT	WorkerTripNumber	15.00	16.00
tblTripsAndVMT	WorkerTripNumber	29.00	30.00
tblVehicleTrips	ST_TR	22.75	85.23
tblVehicleTrips	ST_TR	696.00	0.00
tblVehicleTrips	SU_TR	16.74	85.23
tblVehicleTrips	SU_TR	500.00	0.00
tblVehicleTrips	WD_TR	1.89	85.23
tblVehicleTrips	WD_TR	716.00	0.00

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2020	4.0980	42.4231	21.8306	0.0389	18.0690	2.1976	20.2666	9.9314	2.0217	11.9532	0.0000	3,761.3406	3,761.3406	1.1923	0.0000	3,787.8280
Maximum	**4.0980**	**42.4231**	**21.8306**	**0.0389**	**18.0690**	**2.1976**	**20.2666**	**9.9314**	**2.0217**	**11.9532**	**0.0000**	**3,761.3406**	**3,761.3406**	**1.1923**	**0.0000**	**3,787.8280**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2020	4.0980	42.4231	21.8306	0.0389	7.0486	2.1976	9.2462	3.8737	2.0217	5.8955	0.0000	3,761.3406	3,761.3406	1.1923	0.0000	3,787.8280
Maximum	**4.0980**	**42.4231**	**21.8306**	**0.0389**	**7.0486**	**2.1976**	**9.2462**	**3.8737**	**2.0217**	**5.8955**	**0.0000**	**3,761.3406**	**3,761.3406**	**1.1923**	**0.0000**	**3,787.8280**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**60.99**	**0.00**	**54.38**	**61.00**	**0.00**	**50.68**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	0.0862	1.0000e-005	8.6000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		1.8300e-003	1.8300e-003	0.0000		1.9500e-003
Energy	4.5200e-003	0.0411	0.0346	2.5000e-004		3.1300e-003	3.1300e-003		3.1300e-003	3.1300e-003		49.3558	49.3558	9.5000e-004	9.0000e-004	49.6491
Mobile	0.6920	3.4781	9.1851	0.0331	2.6405	0.0258	2.6663	0.7065	0.0241	0.7306		3,370.1284	3,370.1284	0.1610		3,374.1527
Total	**0.7827**	**3.5193**	**9.2205**	**0.0334**	**2.6405**	**0.0289**	**2.6695**	**0.7065**	**0.0272**	**0.7337**		**3,419.4860**	**3,419.4860**	**0.1619**	**9.0000e-004**	**3,423.8037**

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	0.0862	1.0000e-005	8.6000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		1.8300e-003	1.8300e-003	0.0000		1.9500e-003
Energy	4.5200e-003	0.0411	0.0346	2.5000e-004		3.1300e-003	3.1300e-003		3.1300e-003	3.1300e-003		49.3558	49.3558	9.5000e-004	9.0000e-004	49.6491
Mobile	0.6920	3.4781	9.1851	0.0331	2.6405	0.0258	2.6663	0.7065	0.0241	0.7306		3,370.1284	3,370.1284	0.1610		3,374.1527
Total	**0.7827**	**3.5193**	**9.2205**	**0.0334**	**2.6405**	**0.0289**	**2.6695**	**0.7065**	**0.0272**	**0.7337**		**3,419.4860**	**3,419.4860**	**0.1619**	**9.0000e-004**	**3,423.8037**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	1/1/2020	2/11/2020	5	30	
2	Site Preparation	Site Preparation	2/12/2020	3/10/2020	5	20	
3	Grading	Grading	3/11/2020	8/25/2020	5	120	
4	Building Construction	Building Construction	8/26/2020	10/6/2020	5	30	
5	Paving	Paving	10/7/2020	11/17/2020	5	30	
6	Architectural Coating	Architectural Coating	11/18/2020	12/15/2020	5	20	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 60

Acres of Paving: 3.4

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 840; Non-Residential Outdoor: 280; Striped Parking Area: 8,886 (Architectural Coating – sqft)

OffRoad Equipment

Desert Hot Springs Corporate Yard Park LST - South Coast AQMD Air District, Summer

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Excavators	3	8.00	158	0.38
Demolition	Rubber Tired Dozers	2	8.00	247	0.40
Site Preparation	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Grading	Excavators	1	8.00	158	0.38
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Building Construction	Cranes	1	7.00	231	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45
Paving	Pavers	2	8.00	130	0.42
Paving	Paving Equipment	2	8.00	132	0.36
Paving	Rollers	2	8.00	80	0.38
Architectural Coating	Air Compressors	1	6.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	6	16.00	0.00	18.00	0.19	0.19	0.19	LD_Mix	HDT_Mix	HHDT
Site Preparation	7	18.00	0.00	0.00	0.19	0.19	0.19	LD_Mix	HDT_Mix	HHDT
Grading	6	16.00	0.00	626.00	0.19	0.19	0.19	LD_Mix	HDT_Mix	HHDT
Building Construction	9	144.00	56.00	0.00	0.19	0.19	0.19	LD_Mix	HDT_Mix	HHDT
Paving	6	16.00	0.00	0.00	0.19	0.19	0.19	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	30.00	0.00	0.00	0.19	0.19	0.19	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Soil Stabilizer

Water Exposed Area

Water Unpaved Roads

Reduce Vehicle Speed on Unpaved Roads

3.2 Demolition - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.1240	0.0000	0.1240	0.0188	0.0000	0.0188			0.0000			0.0000
Off-Road	3.3121	33.2010	21.7532	0.0388		1.6587	1.6587		1.5419	1.5419		3,747.7049	3,747.7049	1.0580		3,774.1536
Total	**3.3121**	**33.2010**	**21.7532**	**0.0388**	**0.1240**	**1.6587**	**1.7827**	**0.0188**	**1.5419**	**1.5606**		**3,747.7049**	**3,747.7049**	**1.0580**		**3,774.1536**

3.2 Demolition - 2020

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	1.0600e-003	0.0597	6.9000e-003	7.0000e-005	1.1000e-004	3.0000e-005	1.4000e-004	3.0000e-005	3.0000e-005	6.0000e-005		7.6356	7.6356	1.1400e-003		7.6642
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0191	5.1500e-003	0.0705	6.0000e-005	2.4700e-003	1.2000e-004	2.5900e-003	6.7000e-004	1.1000e-004	7.8000e-004		6.0001	6.0001	4.1000e-004		6.0102
Total	**0.0202**	**0.0649**	**0.0774**	**1.3000e-004**	**2.5800e-003**	**1.5000e-004**	**2.7300e-003**	**7.0000e-004**	**1.4000e-004**	**8.4000e-004**		**13.6357**	**13.6357**	**1.5500e-003**		**13.6744**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0484	0.0000	0.0484	7.3200e-003	0.0000	7.3200e-003			0.0000			0.0000
Off-Road	3.3121	33.2010	21.7532	0.0388		1.6587	1.6587		1.5419	1.5419	0.0000	3,747.7049	3,747.7049	1.0580		3,774.1536
Total	**3.3121**	**33.2010**	**21.7532**	**0.0388**	**0.0484**	**1.6587**	**1.7071**	**7.3200e-003**	**1.5419**	**1.5492**	**0.0000**	**3,747.7049**	**3,747.7049**	**1.0580**		**3,774.1536**

3.2 Demolition - 2020

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	1.0600e-003	0.0597	6.9000e-003	7.0000e-005	1.1000e-004	3.0000e-005	1.4000e-004	3.0000e-005	3.0000e-005	6.0000e-005		7.6356	7.6356	1.1400e-003		7.6642
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0191	5.1500e-003	0.0705	6.0000e-005	2.4700e-003	1.2000e-004	2.5900e-003	6.7000e-004	1.1000e-004	7.8000e-004		6.0001	6.0001	4.1000e-004		6.0102
Total	**0.0202**	**0.0649**	**0.0774**	**1.3000e-004**	**2.5800e-003**	**1.5000e-004**	**2.7300e-003**	**7.0000e-004**	**1.4000e-004**	**8.4000e-004**		**13.6357**	**13.6357**	**1.5500e-003**		**13.6744**

3.3 Site Preparation - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	4.0765	42.4173	21.5136	0.0380		2.1974	2.1974		2.0216	2.0216		3,685.1016	3,685.1016	1.1918		3,714.8975
Total	**4.0765**	**42.4173**	**21.5136**	**0.0380**	**18.0663**	**2.1974**	**20.2637**	**9.9307**	**2.0216**	**11.9523**		**3,685.1016**	**3,685.1016**	**1.1918**		**3,714.8975**

3.3 Site Preparation - 2020

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0215	5.7900e-003	0.0793	7.0000e-005	2.7800e-003	1.3000e-004	2.9100e-003	7.6000e-004	1.2000e-004	8.8000e-004		6.7501	6.7501	4.6000e-004		6.7615
Total	**0.0215**	**5.7900e-003**	**0.0793**	**7.0000e-005**	**2.7800e-003**	**1.3000e-004**	**2.9100e-003**	**7.6000e-004**	**1.2000e-004**	**8.8000e-004**		**6.7501**	**6.7501**	**4.6000e-004**		**6.7615**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					7.0458	0.0000	7.0458	3.8730	0.0000	3.8730			0.0000			0.0000
Off-Road	4.0765	42.4173	21.5136	0.0380		2.1974	2.1974		2.0216	2.0216	0.0000	3,685.1016	3,685.1016	1.1918		3,714.8975
Total	**4.0765**	**42.4173**	**21.5136**	**0.0380**	**7.0458**	**2.1974**	**9.2433**	**3.8730**	**2.0216**	**5.8946**	**0.0000**	**3,685.1016**	**3,685.1016**	**1.1918**		**3,714.8975**

3.3 Site Preparation - 2020

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0215	5.7900e-003	0.0793	7.0000e-005	2.7800e-003	1.3000e-004	2.9100e-003	7.6000e-004	1.2000e-004	8.8000e-004		6.7501	6.7501	4.6000e-004		6.7615
Total	**0.0215**	**5.7900e-003**	**0.0793**	**7.0000e-005**	**2.7800e-003**	**1.3000e-004**	**2.9100e-003**	**7.6000e-004**	**1.2000e-004**	**8.8000e-004**		**6.7501**	**6.7501**	**4.6000e-004**		**6.7615**

3.4 Grading - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.5571	0.0000	6.5571	3.3682	0.0000	3.3682			0.0000			0.0000
Off-Road	2.4288	26.3859	16.0530	0.0297		1.2734	1.2734		1.1716	1.1716		2,872.4851	2,872.4851	0.9290		2,895.7106
Total	**2.4288**	**26.3859**	**16.0530**	**0.0297**	**6.5571**	**1.2734**	**7.8305**	**3.3682**	**1.1716**	**4.5398**		**2,872.4851**	**2,872.4851**	**0.9290**		**2,895.7106**

3.4 Grading - 2020

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	9.2200e-003	0.5192	0.0600	6.2000e-004	9.8000e-004	2.6000e-004	1.2300e-003	2.8000e-004	2.4000e-004	5.2000e-004		66.3870	66.3870	9.9500e-003		66.6358
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0191	5.1500e-003	0.0705	6.0000e-005	2.4700e-003	1.2000e-004	2.5900e-003	6.7000e-004	1.1000e-004	7.8000e-004		6.0001	6.0001	4.1000e-004		6.0102
Total	**0.0284**	**0.5244**	**0.1305**	**6.8000e-004**	**3.4500e-003**	**3.8000e-004**	**3.8200e-003**	**9.5000e-004**	**3.5000e-004**	**1.3000e-003**		**72.3871**	**72.3871**	**0.0104**		**72.6461**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.5573	0.0000	2.5573	1.3136	0.0000	1.3136			0.0000			0.0000
Off-Road	2.4288	26.3859	16.0530	0.0297		1.2734	1.2734		1.1716	1.1716	0.0000	2,872.4851	2,872.4851	0.9290		2,895.7106
Total	**2.4288**	**26.3859**	**16.0530**	**0.0297**	**2.5573**	**1.2734**	**3.8307**	**1.3136**	**1.1716**	**2.4852**	**0.0000**	**2,872.4851**	**2,872.4851**	**0.9290**		**2,895.7106**

3.4 Grading - 2020

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	9.2200e-003	0.5192	0.0600	6.2000e-004	9.8000e-004	2.6000e-004	1.2300e-003	2.8000e-004	2.4000e-004	5.2000e-004		66.3870	66.3870	9.9500e-003		66.6358
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0191	5.1500e-003	0.0705	6.0000e-005	2.4700e-003	1.2000e-004	2.5900e-003	6.7000e-004	1.1000e-004	7.8000e-004		6.0001	6.0001	4.1000e-004		6.0102
Total	**0.0284**	**0.5244**	**0.1305**	**6.8000e-004**	**3.4500e-003**	**3.8000e-004**	**3.8200e-003**	**9.5000e-004**	**3.5000e-004**	**1.3000e-003**		**72.3871**	**72.3871**	**0.0104**		**72.6461**

3.5 Building Construction - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.1198	19.1860	16.8485	0.0269		1.1171	1.1171		1.0503	1.0503		2,553.0631	2,553.0631	0.6229		2,568.6345
Total	**2.1198**	**19.1860**	**16.8485**	**0.0269**		**1.1171**	**1.1171**		**1.0503**	**1.0503**		**2,553.0631**	**2,553.0631**	**0.6229**		**2,568.6345**

3.5 Building Construction - 2020

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0824	3.5193	0.7640	3.6400e-003	0.0113	2.3800e-003	0.0137	3.4000e-003	2.2700e-003	5.6800e-003		389.8365	389.8365	0.0580		391.2872
Worker	0.1723	0.0464	0.6343	5.5000e-004	0.0222	1.0700e-003	0.0233	6.0700e-003	9.9000e-004	7.0600e-003		54.0009	54.0009	3.6500e-003		54.0921
Total	**0.2546**	**3.5656**	**1.3983**	**4.1900e-003**	**0.0335**	**3.4500e-003**	**0.0370**	**9.4700e-003**	**3.2600e-003**	**0.0127**		**443.8374**	**443.8374**	**0.0617**		**445.3793**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.1198	19.1860	16.8485	0.0269		1.1171	1.1171		1.0503	1.0503	0.0000	2,553.0631	2,553.0631	0.6229		2,568.6345
Total	**2.1198**	**19.1860**	**16.8485**	**0.0269**		**1.1171**	**1.1171**		**1.0503**	**1.0503**	**0.0000**	**2,553.0631**	**2,553.0631**	**0.6229**		**2,568.6345**

3.5 Building Construction - 2020

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0824	3.5193	0.7640	3.6400e-003	0.0113	2.3800e-003	0.0137	3.4000e-003	2.2700e-003	5.6800e-003		389.8365	389.8365	0.0580		391.2872
Worker	0.1723	0.0464	0.6343	5.5000e-004	0.0222	1.0700e-003	0.0233	6.0700e-003	9.9000e-004	7.0600e-003		54.0009	54.0009	3.6500e-003		54.0921
Total	**0.2546**	**3.5656**	**1.3983**	**4.1900e-003**	**0.0335**	**3.4500e-003**	**0.0370**	**9.4700e-003**	**3.2600e-003**	**0.0127**		**443.8374**	**443.8374**	**0.0617**		**445.3793**

3.6 Paving - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3566	14.0656	14.6521	0.0228		0.7528	0.7528		0.6926	0.6926		2,207.7334	2,207.7334	0.7140		2,225.5841
Paving	0.2183					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.5749**	**14.0656**	**14.6521**	**0.0228**		**0.7528**	**0.7528**		**0.6926**	**0.6926**		**2,207.7334**	**2,207.7334**	**0.7140**		**2,225.5841**

3.6 Paving - 2020

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0191	5.1500e-003	0.0705	6.0000e-005	2.4700e-003	1.2000e-004	2.5900e-003	6.7000e-004	1.1000e-004	7.8000e-004		6.0001	6.0001	4.1000e-004		6.0102
Total	**0.0191**	**5.1500e-003**	**0.0705**	**6.0000e-005**	**2.4700e-003**	**1.2000e-004**	**2.5900e-003**	**6.7000e-004**	**1.1000e-004**	**7.8000e-004**		**6.0001**	**6.0001**	**4.1000e-004**		**6.0102**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3566	14.0656	14.6521	0.0228		0.7528	0.7528		0.6926	0.6926	0.0000	2,207.7334	2,207.7334	0.7140		2,225.5841
Paving	0.2183					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.5749**	**14.0656**	**14.6521**	**0.0228**		**0.7528**	**0.7528**		**0.6926**	**0.6926**	**0.0000**	**2,207.7334**	**2,207.7334**	**0.7140**		**2,225.5841**

3.6 Paving - 2020

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0191	5.1500e-003	0.0705	6.0000e-005	2.4700e-003	1.2000e-004	2.5900e-003	6.7000e-004	1.1000e-004	7.8000e-004		6.0001	6.0001	4.1000e-004		6.0102
Total	**0.0191**	**5.1500e-003**	**0.0705**	**6.0000e-005**	**2.4700e-003**	**1.2000e-004**	**2.5900e-003**	**6.7000e-004**	**1.1000e-004**	**7.8000e-004**		**6.0001**	**6.0001**	**4.1000e-004**		**6.0102**

3.7 Architectural Coating - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	2.3189					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2422	1.6838	1.8314	2.9700e-003		0.1109	0.1109		0.1109	0.1109		281.4481	281.4481	0.0218		281.9928
Total	**2.5611**	**1.6838**	**1.8314**	**2.9700e-003**		**0.1109**	**0.1109**		**0.1109**	**0.1109**		**281.4481**	**281.4481**	**0.0218**		**281.9928**

3.7 Architectural Coating - 2020

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0359	9.6600e-003	0.1321	1.1000e-004	4.6300e-003	2.2000e-004	4.8500e-003	1.2700e-003	2.1000e-004	1.4700e-003		11.2502	11.2502	7.6000e-004		11.2692
Total	**0.0359**	**9.6600e-003**	**0.1321**	**1.1000e-004**	**4.6300e-003**	**2.2000e-004**	**4.8500e-003**	**1.2700e-003**	**2.1000e-004**	**1.4700e-003**		**11.2502**	**11.2502**	**7.6000e-004**		**11.2692**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	2.3189					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2422	1.6838	1.8314	2.9700e-003		0.1109	0.1109		0.1109	0.1109	0.0000	281.4481	281.4481	0.0218		281.9928
Total	**2.5611**	**1.6838**	**1.8314**	**2.9700e-003**		**0.1109**	**0.1109**		**0.1109**	**0.1109**	**0.0000**	**281.4481**	**281.4481**	**0.0218**		**281.9928**

3.7 Architectural Coating - 2020

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0359	9.6600e-003	0.1321	1.1000e-004	4.6300e-003	2.2000e-004	4.8500e-003	1.2700e-003	2.1000e-004	1.4700e-003		11.2502	11.2502	7.6000e-004		11.2692
Total	**0.0359**	**9.6600e-003**	**0.1321**	**1.1000e-004**	**4.6300e-003**	**2.2000e-004**	**4.8500e-003**	**1.2700e-003**	**2.1000e-004**	**1.4700e-003**		**11.2502**	**11.2502**	**7.6000e-004**		**11.2692**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.6920	3.4781	9.1851	0.0331	2.6405	0.0258	2.6663	0.7065	0.0241	0.7306		3,370.1284	3,370.1284	0.1610		3,374.1527
Unmitigated	0.6920	3.4781	9.1851	0.0331	2.6405	0.0258	2.6663	0.7065	0.0241	0.7306		3,370.1284	3,370.1284	0.1610		3,374.1527

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
City Park	375.01	375.01	375.01	1,241,838	1,241,838
Fast Food Restaurant w/o Drive Thru	0.00	0.00	0.00		
Other Non-Asphalt Surfaces	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Total	375.01	375.01	375.01	1,241,838	1,241,838

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
City Park	18.50	10.10	7.90	33.00	48.00	19.00	66	28	6
Fast Food Restaurant w/o Drive	18.50	10.10	7.90	1.50	79.50	19.00	51	37	12
Other Non-Asphalt Surfaces	18.50	10.10	7.90	0.00	0.00	0.00	0	0	0
Parking Lot	18.50	10.10	7.90	0.00	0.00	0.00	0	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
City Park	0.548858	0.043235	0.200706	0.120309	0.016131	0.005851	0.021034	0.033479	0.002070	0.001877	0.004817	0.000707	0.000925
Fast Food Restaurant w/o Drive Thru	0.548858	0.043235	0.200706	0.120309	0.016131	0.005851	0.021034	0.033479	0.002070	0.001877	0.004817	0.000707	0.000925
Other Non-Asphalt Surfaces	0.548858	0.043235	0.200706	0.120309	0.016131	0.005851	0.021034	0.033479	0.002070	0.001877	0.004817	0.000707	0.000925
Parking Lot	0.548858	0.043235	0.200706	0.120309	0.016131	0.005851	0.021034	0.033479	0.002070	0.001877	0.004817	0.000707	0.000925

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	4.5200e-003	0.0411	0.0346	2.5000e-004		3.1300e-003	3.1300e-003		3.1300e-003	3.1300e-003		49.3558	49.3558	9.5000e-004	9.0000e-004	49.6491
NaturalGas Unmitigated	4.5200e-003	0.0411	0.0346	2.5000e-004		3.1300e-003	3.1300e-003		3.1300e-003	3.1300e-003		49.3558	49.3558	9.5000e-004	9.0000e-004	49.6491

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Fast Food Restaurant w/o Drive Thru	419.524	4.5200e-003	0.0411	0.0346	2.5000e-004		3.1300e-003	3.1300e-003		3.1300e-003	3.1300e-003		49.3558	49.3558	9.5000e-004	9.0000e-004	49.6491
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		**4.5200e-003**	**0.0411**	**0.0346**	**2.5000e-004**		**3.1300e-003**	**3.1300e-003**		**3.1300e-003**	**3.1300e-003**		**49.3558**	**49.3558**	**9.5000e-004**	**9.0000e-004**	**49.6491**

5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Fast Food Restaurant w/o Drive Thru	0.419524	4.5200e-003	0.0411	0.0346	2.5000e-004		3.1300e-003	3.1300e-003		3.1300e-003	3.1300e-003		49.3558	49.3558	9.5000e-004	9.0000e-004	49.6491
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		**4.5200e-003**	**0.0411**	**0.0346**	**2.5000e-004**		**3.1300e-003**	**3.1300e-003**		**3.1300e-003**	**3.1300e-003**		**49.3558**	**49.3558**	**9.5000e-004**	**9.0000e-004**	**49.6491**

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.0862	1.0000e-005	8.6000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		1.8300e-003	1.8300e-003	0.0000		1.9500e-003
Unmitigated	0.0862	1.0000e-005	8.6000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		1.8300e-003	1.8300e-003	0.0000		1.9500e-003

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.0127					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.0734					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	8.0000e-005	1.0000e-005	8.6000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		1.8300e-003	1.8300e-003	0.0000		1.9500e-003
Total	**0.0862**	**1.0000e-005**	**8.6000e-004**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**1.8300e-003**	**1.8300e-003**	**0.0000**		**1.9500e-003**

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.0127					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.0734					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	8.0000e-005	1.0000e-005	8.6000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		1.8300e-003	1.8300e-003	0.0000		1.9500e-003
Total	**0.0862**	**1.0000e-005**	**8.6000e-004**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**1.8300e-003**	**1.8300e-003**	**0.0000**		**1.9500e-003**

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

Institute Recycling and Composting Services

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type

Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

Desert Hot Springs Corporate Yard Park LST

South Coast AQMD Air District, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Other Non-Asphalt Surfaces	0.90	Acre	0.90	39,204.00	0
Parking Lot	2.50	Acre	2.50	108,900.00	0
City Park	4.40	Acre	4.40	191,664.00	0
Fast Food Restaurant w/o Drive Thru	0.56	1000sqft	0.01	560.00	0

1.2 Other Project Characteristics

Urbanization	Rural	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	31
Climate Zone	10			**Operational Year**	2021
Utility Company	Southern California Edison				
CO2 Intensity (lb/MWhr)	702.44	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - Based on project description.

Construction Phase - CalEEMod defaults.

Off-road Equipment - CalEEMod defaults.

Off-road Equipment - CalEEMod defaults.

Off-road Equipment - CalEEMod defaults.

Off-road Equipment - CalEEMod defaults.

Off-road Equipment - CalEEMod defaults.

Off-road Equipment - CalEEMod defaults.

Trips and VMT - CalEEMod defaults.

On-road Fugitive Dust - CalEEMod defaults.

Demolition - Based on existing buildings to be demolished.

Grading - Based on City provided information.

Architectural Coating - CalEEMod defaults.

Vehicle Trips - Based on SANDAG trip rates.

Consumer Products - CalEEMod defaults.

Area Coating - CalEEMod defaults.

Landscape Equipment - CalEEMod defaults.

Energy Use - CalEEMod defaults.

Water And Wastewater - CalEEMod defaults.

Solid Waste - CalEEMod defaults.

Construction Off-road Equipment Mitigation - In accordance with SCAQMD Rule 403.1.

Water Mitigation - NA

Waste Mitigation - In accordance with AB 341.

Table Name	Column Name	Default Value	New Value
tblConstDustMitigation	WaterUnpavedRoadMoistureContent	0	12
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15

Desert Hot Springs Corporate Yard Park LST - South Coast AQMD Air District, Winter

tblConstructionPhase	NumDays	230.00	30.00
tblConstructionPhase	NumDays	20.00	30.00
tblConstructionPhase	NumDays	20.00	120.00
tblConstructionPhase	NumDays	20.00	30.00
tblConstructionPhase	NumDays	10.00	20.00
tblGrading	MaterialExported	0.00	5,000.00
tblProjectCharacteristics	UrbanizationLevel	Urban	Rural
tblTripsAndVMT	HaulingTripLength	20.00	0.19
tblTripsAndVMT	HaulingTripLength	20.00	0.19
tblTripsAndVMT	HaulingTripLength	20.00	0.19
tblTripsAndVMT	HaulingTripLength	20.00	0.19
tblTripsAndVMT	HaulingTripLength	20.00	0.19
tblTripsAndVMT	HaulingTripLength	20.00	0.19
tblTripsAndVMT	HaulingTripNumber	17.00	18.00
tblTripsAndVMT	HaulingTripNumber	625.00	626.00
tblTripsAndVMT	VendorTripLength	7.90	0.19
tblTripsAndVMT	VendorTripLength	7.90	0.19
tblTripsAndVMT	VendorTripLength	7.90	0.19
tblTripsAndVMT	VendorTripLength	7.90	0.19
tblTripsAndVMT	VendorTripLength	7.90	0.19
tblTripsAndVMT	VendorTripLength	7.90	0.19
tblTripsAndVMT	WorkerTripLength	19.80	0.19
tblTripsAndVMT	WorkerTripLength	19.80	0.19
tblTripsAndVMT	WorkerTripLength	19.80	0.19
tblTripsAndVMT	WorkerTripLength	19.80	0.19
tblTripsAndVMT	WorkerTripLength	19.80	0.19
tblTripsAndVMT	WorkerTripLength	19.80	0.19

tblTripsAndVMT	WorkerTripNumber	15.00	16.00
tblTripsAndVMT	WorkerTripNumber	15.00	16.00
tblTripsAndVMT	WorkerTripNumber	143.00	144.00
tblTripsAndVMT	WorkerTripNumber	15.00	16.00
tblTripsAndVMT	WorkerTripNumber	29.00	30.00
tblVehicleTrips	ST_TR	22.75	85.23
tblVehicleTrips	ST_TR	696.00	0.00
tblVehicleTrips	SU_TR	16.74	85.23
tblVehicleTrips	SU_TR	500.00	0.00
tblVehicleTrips	WD_TR	1.89	85.23
tblVehicleTrips	WD_TR	716.00	0.00

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2020	4.0958	42.4236	21.8436	0.0389	18.0690	2.1976	20.2666	9.9314	2.0217	11.9532	0.0000	3,760.1825	3,760.1825	1.1923	0.0000	3,786.6747
Maximum	**4.0958**	**42.4236**	**21.8436**	**0.0389**	**18.0690**	**2.1976**	**20.2666**	**9.9314**	**2.0217**	**11.9532**	**0.0000**	**3,760.1825**	**3,760.1825**	**1.1923**	**0.0000**	**3,786.6747**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2020	4.0958	42.4236	21.8436	0.0389	7.0486	2.1976	9.2462	3.8737	2.0217	5.8955	0.0000	3,760.1825	3,760.1825	1.1923	0.0000	3,786.6747
Maximum	**4.0958**	**42.4236**	**21.8436**	**0.0389**	**7.0486**	**2.1976**	**9.2462**	**3.8737**	**2.0217**	**5.8955**	**0.0000**	**3,760.1825**	**3,760.1825**	**1.1923**	**0.0000**	**3,786.6747**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**60.99**	**0.00**	**54.38**	**61.00**	**0.00**	**50.68**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	0.0862	1.0000e-005	8.6000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		1.8300e-003	1.8300e-003	0.0000		1.9500e-003
Energy	4.5200e-003	0.0411	0.0346	2.5000e-004		3.1300e-003	3.1300e-003		3.1300e-003	3.1300e-003		49.3558	49.3558	9.5000e-004	9.0000e-004	49.6491
Mobile	0.6581	3.5504	8.5987	0.0314	2.6405	0.0260	2.6665	0.7065	0.0242	0.7308		3,191.0507	3,191.0507	0.1608		3,195.0698
Total	**0.7489**	**3.5915**	**8.6341**	**0.0316**	**2.6405**	**0.0291**	**2.6696**	**0.7065**	**0.0274**	**0.7339**		**3,240.4083**	**3,240.4083**	**0.1617**	**9.0000e-004**	**3,244.7208**

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	0.0862	1.0000e-005	8.6000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		1.8300e-003	1.8300e-003	0.0000		1.9500e-003
Energy	4.5200e-003	0.0411	0.0346	2.5000e-004		3.1300e-003	3.1300e-003		3.1300e-003	3.1300e-003		49.3558	49.3558	9.5000e-004	9.0000e-004	49.6491
Mobile	0.6581	3.5504	8.5987	0.0314	2.6405	0.0260	2.6665	0.7065	0.0242	0.7308		3,191.0507	3,191.0507	0.1608		3,195.0698
Total	**0.7489**	**3.5915**	**8.6341**	**0.0316**	**2.6405**	**0.0291**	**2.6696**	**0.7065**	**0.0274**	**0.7339**		**3,240.4083**	**3,240.4083**	**0.1617**	**9.0000e-004**	**3,244.7208**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	1/1/2020	2/11/2020	5	30	
2	Site Preparation	Site Preparation	2/12/2020	3/10/2020	5	20	
3	Grading	Grading	3/11/2020	8/25/2020	5	120	
4	Building Construction	Building Construction	8/26/2020	10/6/2020	5	30	
5	Paving	Paving	10/7/2020	11/17/2020	5	30	
6	Architectural Coating	Architectural Coating	11/18/2020	12/15/2020	5	20	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 60

Acres of Paving: 3.4

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 840; Non-Residential Outdoor: 280; Striped Parking Area: 8,886 (Architectural Coating – sqft)

OffRoad Equipment

Desert Hot Springs Corporate Yard Park LST - South Coast AQMD Air District, Winter

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Excavators	3	8.00	158	0.38
Demolition	Rubber Tired Dozers	2	8.00	247	0.40
Site Preparation	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Grading	Excavators	1	8.00	158	0.38
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Building Construction	Cranes	1	7.00	231	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45
Paving	Pavers	2	8.00	130	0.42
Paving	Paving Equipment	2	8.00	132	0.36
Paving	Rollers	2	8.00	80	0.38
Architectural Coating	Air Compressors	1	6.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	6	16.00	0.00	18.00	0.19	0.19	0.19	LD_Mix	HDT_Mix	HHDT
Site Preparation	7	18.00	0.00	0.00	0.19	0.19	0.19	LD_Mix	HDT_Mix	HHDT
Grading	6	16.00	0.00	626.00	0.19	0.19	0.19	LD_Mix	HDT_Mix	HHDT
Building Construction	9	144.00	56.00	0.00	0.19	0.19	0.19	LD_Mix	HDT_Mix	HHDT
Paving	6	16.00	0.00	0.00	0.19	0.19	0.19	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	30.00	0.00	0.00	0.19	0.19	0.19	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Soil Stabilizer

Water Exposed Area

Water Unpaved Roads

Reduce Vehicle Speed on Unpaved Roads

3.2 Demolition - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.1240	0.0000	0.1240	0.0188	0.0000	0.0188			0.0000			0.0000
Off-Road	3.3121	33.2010	21.7532	0.0388		1.6587	1.6587		1.5419	1.5419		3,747.7049	3,747.7049	1.0580		3,774.1536
Total	**3.3121**	**33.2010**	**21.7532**	**0.0388**	**0.1240**	**1.6587**	**1.7827**	**0.0188**	**1.5419**	**1.5606**		**3,747.7049**	**3,747.7049**	**1.0580**		**3,774.1536**

3.2 Demolition - 2020

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	1.1900e-003	0.0574	9.5500e-003	6.0000e-005	1.1000e-004	4.0000e-005	1.5000e-004	3.0000e-005	4.0000e-005	7.0000e-005		6.7097	6.7097	1.2900e-003		6.7420
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0172	5.6000e-003	0.0808	6.0000e-005	2.4700e-003	1.2000e-004	2.5900e-003	6.7000e-004	1.1000e-004	7.8000e-004		5.7679	5.7679	4.5000e-004		5.7791
Total	**0.0184**	**0.0630**	**0.0904**	**1.2000e-004**	**2.5800e-003**	**1.6000e-004**	**2.7400e-003**	**7.0000e-004**	**1.5000e-004**	**8.5000e-004**		**12.4776**	**12.4776**	**1.7400e-003**		**12.5211**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0484	0.0000	0.0484	7.3200e-003	0.0000	7.3200e-003			0.0000			0.0000
Off-Road	3.3121	33.2010	21.7532	0.0388		1.6587	1.6587		1.5419	1.5419	0.0000	3,747.7049	3,747.7049	1.0580		3,774.1536
Total	**3.3121**	**33.2010**	**21.7532**	**0.0388**	**0.0484**	**1.6587**	**1.7071**	**7.3200e-003**	**1.5419**	**1.5492**	**0.0000**	**3,747.7049**	**3,747.7049**	**1.0580**		**3,774.1536**

3.2 Demolition - 2020

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	1.1900e-003	0.0574	9.5500e-003	6.0000e-005	1.1000e-004	4.0000e-005	1.5000e-004	3.0000e-005	4.0000e-005	7.0000e-005		6.7097	6.7097	1.2900e-003		6.7420
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0172	5.6000e-003	0.0808	6.0000e-005	2.4700e-003	1.2000e-004	2.5900e-003	6.7000e-004	1.1000e-004	7.8000e-004		5.7679	5.7679	4.5000e-004		5.7791
Total	**0.0184**	**0.0630**	**0.0904**	**1.2000e-004**	**2.5800e-003**	**1.6000e-004**	**2.7400e-003**	**7.0000e-004**	**1.5000e-004**	**8.5000e-004**		**12.4776**	**12.4776**	**1.7400e-003**		**12.5211**

3.3 Site Preparation - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	4.0765	42.4173	21.5136	0.0380		2.1974	2.1974		2.0216	2.0216		3,685.1016	3,685.1016	1.1918		3,714.8975
Total	**4.0765**	**42.4173**	**21.5136**	**0.0380**	**18.0663**	**2.1974**	**20.2637**	**9.9307**	**2.0216**	**11.9523**		**3,685.1016**	**3,685.1016**	**1.1918**		**3,714.8975**

3.3 Site Preparation - 2020

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0193	6.3000e-003	0.0909	7.0000e-005	2.7800e-003	1.3000e-004	2.9100e-003	7.6000e-004	1.2000e-004	8.8000e-004		6.4889	6.4889	5.0000e-004		6.5015
Total	**0.0193**	**6.3000e-003**	**0.0909**	**7.0000e-005**	**2.7800e-003**	**1.3000e-004**	**2.9100e-003**	**7.6000e-004**	**1.2000e-004**	**8.8000e-004**		**6.4889**	**6.4889**	**5.0000e-004**		**6.5015**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					7.0458	0.0000	7.0458	3.8730	0.0000	3.8730			0.0000			0.0000
Off-Road	4.0765	42.4173	21.5136	0.0380		2.1974	2.1974		2.0216	2.0216	0.0000	3,685.1016	3,685.1016	1.1918		3,714.8975
Total	**4.0765**	**42.4173**	**21.5136**	**0.0380**	**7.0458**	**2.1974**	**9.2433**	**3.8730**	**2.0216**	**5.8946**	**0.0000**	**3,685.1016**	**3,685.1016**	**1.1918**		**3,714.8975**

3.3 Site Preparation - 2020

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0193	6.3000e-003	0.0909	7.0000e-005	2.7800e-003	1.3000e-004	2.9100e-003	7.6000e-004	1.2000e-004	8.8000e-004		6.4889	6.4889	5.0000e-004		6.5015
Total	**0.0193**	**6.3000e-003**	**0.0909**	**7.0000e-005**	**2.7800e-003**	**1.3000e-004**	**2.9100e-003**	**7.6000e-004**	**1.2000e-004**	**8.8000e-004**		**6.4889**	**6.4889**	**5.0000e-004**		**6.5015**

3.4 Grading - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.5571	0.0000	6.5571	3.3682	0.0000	3.3682			0.0000			0.0000
Off-Road	2.4288	26.3859	16.0530	0.0297		1.2734	1.2734		1.1716	1.1716		2,872.4851	2,872.4851	0.9290		2,895.7106
Total	**2.4288**	**26.3859**	**16.0530**	**0.0297**	**6.5571**	**1.2734**	**7.8305**	**3.3682**	**1.1716**	**4.5398**		**2,872.4851**	**2,872.4851**	**0.9290**		**2,895.7106**

3.4 Grading - 2020

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0104	0.4995	0.0830	5.4000e-004	9.8000e-004	3.3000e-004	1.3000e-003	2.8000e-004	3.1000e-004	5.9000e-004		58.3371	58.3371	0.0112		58.6180
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0172	5.6000e-003	0.0808	6.0000e-005	2.4700e-003	1.2000e-004	2.5900e-003	6.7000e-004	1.1000e-004	7.8000e-004		5.7679	5.7679	4.5000e-004		5.7791
Total	**0.0276**	**0.5051**	**0.1638**	**6.0000e-004**	**3.4500e-003**	**4.5000e-004**	**3.8900e-003**	**9.5000e-004**	**4.2000e-004**	**1.3700e-003**		**64.1050**	**64.1050**	**0.0117**		**64.3971**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.5573	0.0000	2.5573	1.3136	0.0000	1.3136			0.0000			0.0000
Off-Road	2.4288	26.3859	16.0530	0.0297		1.2734	1.2734		1.1716	1.1716	0.0000	2,872.4851	2,872.4851	0.9290		2,895.7106
Total	**2.4288**	**26.3859**	**16.0530**	**0.0297**	**2.5573**	**1.2734**	**3.8307**	**1.3136**	**1.1716**	**2.4852**	**0.0000**	**2,872.4851**	**2,872.4851**	**0.9290**		**2,895.7106**

3.4 Grading - 2020

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0104	0.4995	0.0830	5.4000e-004	9.8000e-004	3.3000e-004	1.3000e-003	2.8000e-004	3.1000e-004	5.9000e-004		58.3371	58.3371	0.0112		58.6180
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0172	5.6000e-003	0.0808	6.0000e-005	2.4700e-003	1.2000e-004	2.5900e-003	6.7000e-004	1.1000e-004	7.8000e-004		5.7679	5.7679	4.5000e-004		5.7791
Total	**0.0276**	**0.5051**	**0.1638**	**6.0000e-004**	**3.4500e-003**	**4.5000e-004**	**3.8900e-003**	**9.5000e-004**	**4.2000e-004**	**1.3700e-003**		**64.1050**	**64.1050**	**0.0117**		**64.3971**

3.5 Building Construction - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.1198	19.1860	16.8485	0.0269		1.1171	1.1171		1.0503	1.0503		2,553.0631	2,553.0631	0.6229		2,568.6345
Total	**2.1198**	**19.1860**	**16.8485**	**0.0269**		**1.1171**	**1.1171**		**1.0503**	**1.0503**		**2,553.0631**	**2,553.0631**	**0.6229**		**2,568.6345**

3.5 Building Construction - 2020

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0901	3.4134	0.9304	3.2300e-003	0.0113	2.8100e-003	0.0141	3.4000e-003	2.6900e-003	6.0900e-003		345.3969	345.3969	0.0652		347.0277
Worker	0.1547	0.0504	0.7275	5.3000e-004	0.0222	1.0700e-003	0.0233	6.0700e-003	9.9000e-004	7.0600e-003		51.9114	51.9114	4.0200e-003		52.0118
Total	**0.2448**	**3.4639**	**1.6579**	**3.7600e-003**	**0.0335**	**3.8800e-003**	**0.0374**	**9.4700e-003**	**3.6800e-003**	**0.0132**		**397.3083**	**397.3083**	**0.0693**		**399.0394**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.1198	19.1860	16.8485	0.0269		1.1171	1.1171		1.0503	1.0503	0.0000	2,553.0631	2,553.0631	0.6229		2,568.6345
Total	**2.1198**	**19.1860**	**16.8485**	**0.0269**		**1.1171**	**1.1171**		**1.0503**	**1.0503**	**0.0000**	**2,553.0631**	**2,553.0631**	**0.6229**		**2,568.6345**

3.5 Building Construction - 2020

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0901	3.4134	0.9304	3.2300e-003	0.0113	2.8100e-003	0.0141	3.4000e-003	2.6900e-003	6.0900e-003		345.3969	345.3969	0.0652		347.0277
Worker	0.1547	0.0504	0.7275	5.3000e-004	0.0222	1.0700e-003	0.0233	6.0700e-003	9.9000e-004	7.0600e-003		51.9114	51.9114	4.0200e-003		52.0118
Total	**0.2448**	**3.4639**	**1.6579**	**3.7600e-003**	**0.0335**	**3.8800e-003**	**0.0374**	**9.4700e-003**	**3.6800e-003**	**0.0132**		**397.3083**	**397.3083**	**0.0693**		**399.0394**

3.6 Paving - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3566	14.0656	14.6521	0.0228		0.7528	0.7528		0.6926	0.6926		2,207.7334	2,207.7334	0.7140		2,225.5841
Paving	0.2183					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.5749**	**14.0656**	**14.6521**	**0.0228**		**0.7528**	**0.7528**		**0.6926**	**0.6926**		**2,207.7334**	**2,207.7334**	**0.7140**		**2,225.5841**

3.6 Paving - 2020

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0172	5.6000e-003	0.0808	6.0000e-005	2.4700e-003	1.2000e-004	2.5900e-003	6.7000e-004	1.1000e-004	7.8000e-004		5.7679	5.7679	4.5000e-004		5.7791
Total	**0.0172**	**5.6000e-003**	**0.0808**	**6.0000e-005**	**2.4700e-003**	**1.2000e-004**	**2.5900e-003**	**6.7000e-004**	**1.1000e-004**	**7.8000e-004**		**5.7679**	**5.7679**	**4.5000e-004**		**5.7791**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3566	14.0656	14.6521	0.0228		0.7528	0.7528		0.6926	0.6926	0.0000	2,207.7334	2,207.7334	0.7140		2,225.5841
Paving	0.2183					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.5749**	**14.0656**	**14.6521**	**0.0228**		**0.7528**	**0.7528**		**0.6926**	**0.6926**	**0.0000**	**2,207.7334**	**2,207.7334**	**0.7140**		**2,225.5841**

3.6 Paving - 2020

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0172	5.6000e-003	0.0808	6.0000e-005	2.4700e-003	1.2000e-004	2.5900e-003	6.7000e-004	1.1000e-004	7.8000e-004		5.7679	5.7679	4.5000e-004		5.7791
Total	**0.0172**	**5.6000e-003**	**0.0808**	**6.0000e-005**	**2.4700e-003**	**1.2000e-004**	**2.5900e-003**	**6.7000e-004**	**1.1000e-004**	**7.8000e-004**		**5.7679**	**5.7679**	**4.5000e-004**		**5.7791**

3.7 Architectural Coating - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	2.3189					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2422	1.6838	1.8314	2.9700e-003		0.1109	0.1109		0.1109	0.1109		281.4481	281.4481	0.0218		281.9928
Total	**2.5611**	**1.6838**	**1.8314**	**2.9700e-003**		**0.1109**	**0.1109**		**0.1109**	**0.1109**		**281.4481**	**281.4481**	**0.0218**		**281.9928**

3.7 Architectural Coating - 2020

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0322	0.0105	0.1516	1.1000e-004	4.6300e-003	2.2000e-004	4.8500e-003	1.2700e-003	2.1000e-004	1.4700e-003		10.8149	10.8149	8.4000e-004		10.8358
Total	**0.0322**	**0.0105**	**0.1516**	**1.1000e-004**	**4.6300e-003**	**2.2000e-004**	**4.8500e-003**	**1.2700e-003**	**2.1000e-004**	**1.4700e-003**		**10.8149**	**10.8149**	**8.4000e-004**		**10.8358**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	2.3189					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2422	1.6838	1.8314	2.9700e-003		0.1109	0.1109		0.1109	0.1109	0.0000	281.4481	281.4481	0.0218		281.9928
Total	**2.5611**	**1.6838**	**1.8314**	**2.9700e-003**		**0.1109**	**0.1109**		**0.1109**	**0.1109**	**0.0000**	**281.4481**	**281.4481**	**0.0218**		**281.9928**

3.7 Architectural Coating - 2020

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0322	0.0105	0.1516	1.1000e-004	4.6300e-003	2.2000e-004	4.8500e-003	1.2700e-003	2.1000e-004	1.4700e-003		10.8149	10.8149	8.4000e-004		10.8358
Total	**0.0322**	**0.0105**	**0.1516**	**1.1000e-004**	**4.6300e-003**	**2.2000e-004**	**4.8500e-003**	**1.2700e-003**	**2.1000e-004**	**1.4700e-003**		**10.8149**	**10.8149**	**8.4000e-004**		**10.8358**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.6581	3.5504	8.5987	0.0314	2.6405	0.0260	2.6665	0.7065	0.0242	0.7308		3,191.0507	3,191.0507	0.1608		3,195.0698
Unmitigated	0.6581	3.5504	8.5987	0.0314	2.6405	0.0260	2.6665	0.7065	0.0242	0.7308		3,191.0507	3,191.0507	0.1608		3,195.0698

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
City Park	375.01	375.01	375.01	1,241,838	1,241,838
Fast Food Restaurant w/o Drive Thru	0.00	0.00	0.00		
Other Non-Asphalt Surfaces	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Total	375.01	375.01	375.01	1,241,838	1,241,838

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
City Park	18.50	10.10	7.90	33.00	48.00	19.00	66	28	6
Fast Food Restaurant w/o Drive	18.50	10.10	7.90	1.50	79.50	19.00	51	37	12
Other Non-Asphalt Surfaces	18.50	10.10	7.90	0.00	0.00	0.00	0	0	0
Parking Lot	18.50	10.10	7.90	0.00	0.00	0.00	0	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
City Park	0.548858	0.043235	0.200706	0.120309	0.016131	0.005851	0.021034	0.033479	0.002070	0.001877	0.004817	0.000707	0.000925
Fast Food Restaurant w/o Drive Thru	0.548858	0.043235	0.200706	0.120309	0.016131	0.005851	0.021034	0.033479	0.002070	0.001877	0.004817	0.000707	0.000925
Other Non-Asphalt Surfaces	0.548858	0.043235	0.200706	0.120309	0.016131	0.005851	0.021034	0.033479	0.002070	0.001877	0.004817	0.000707	0.000925
Parking Lot	0.548858	0.043235	0.200706	0.120309	0.016131	0.005851	0.021034	0.033479	0.002070	0.001877	0.004817	0.000707	0.000925

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	4.5200e-003	0.0411	0.0346	2.5000e-004		3.1300e-003	3.1300e-003		3.1300e-003	3.1300e-003		49.3558	49.3558	9.5000e-004	9.0000e-004	49.6491
NaturalGas Unmitigated	4.5200e-003	0.0411	0.0346	2.5000e-004		3.1300e-003	3.1300e-003		3.1300e-003	3.1300e-003		49.3558	49.3558	9.5000e-004	9.0000e-004	49.6491

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Fast Food Restaurant w/o Drive Thru	419.524	4.5200e-003	0.0411	0.0346	2.5000e-004		3.1300e-003	3.1300e-003		3.1300e-003	3.1300e-003		49.3558	49.3558	9.5000e-004	9.0000e-004	49.6491
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		**4.5200e-003**	**0.0411**	**0.0346**	**2.5000e-004**		**3.1300e-003**	**3.1300e-003**		**3.1300e-003**	**3.1300e-003**		**49.3558**	**49.3558**	**9.5000e-004**	**9.0000e-004**	**49.6491**

5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Fast Food Restaurant w/o Drive Thru	0.419524	4.5200e-003	0.0411	0.0346	2.5000e-004		3.1300e-003	3.1300e-003		3.1300e-003	3.1300e-003		49.3558	49.3558	9.5000e-004	9.0000e-004	49.6491
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		**4.5200e-003**	**0.0411**	**0.0346**	**2.5000e-004**		**3.1300e-003**	**3.1300e-003**		**3.1300e-003**	**3.1300e-003**		**49.3558**	**49.3558**	**9.5000e-004**	**9.0000e-004**	**49.6491**

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.0862	1.0000e-005	8.6000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		1.8300e-003	1.8300e-003	0.0000		1.9500e-003
Unmitigated	0.0862	1.0000e-005	8.6000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		1.8300e-003	1.8300e-003	0.0000		1.9500e-003

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.0127					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.0734					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	8.0000e-005	1.0000e-005	8.6000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		1.8300e-003	1.8300e-003	0.0000		1.9500e-003
Total	**0.0862**	**1.0000e-005**	**8.6000e-004**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**1.8300e-003**	**1.8300e-003**	**0.0000**		**1.9500e-003**

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.0127					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.0734					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	8.0000e-005	1.0000e-005	8.6000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		1.8300e-003	1.8300e-003	0.0000		1.9500e-003
Total	**0.0862**	**1.0000e-005**	**8.6000e-004**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**1.8300e-003**	**1.8300e-003**	**0.0000**		**1.9500e-003**

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

Institute Recycling and Composting Services

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type

Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

Appendix C

Biological Records and Literature Search

PHOTO 1: VIEW OF THE DISTURBED HABITAT IN THE SOUTH CENTRAL PORTION OF THE PROJECT SITE, FACING SOUTH TOWARDS HACIENDA AVENUE.

PHOTO 2: VIEW OF THE DISTURBED HABITAT IN THE SOUTH CENTRAL PORTION OF THE PROJECT SITE, FACING NORTH TOWARDS EXISTING CORPORATE YARD.

Photo 3: View of the disturbed habitat in the western portion of the project site, facing north.

Photo 4: View of the disturbed habitat in the western portion of the project site, facing south.

Photo 5: View of disturbed habitat in the northern portion of the project site, facing south.

Photo 6: View of disturbed habitat with creosote bush scrub in background on the eastern boundary of the project site, facing east.

Photo 7: View of the disturbed habitat in the eastern portion of the project site, facing north.

Scientific Name	Common Name	Status (Federal/State/ CRPR)	CVMSHCP	Primary Habitat Associations/ Life Form/ Blooming Period/ Elevation Range (feet)	Potential to Occur
Abronia villosa var. aurita	chaparral sand-verbena	None/None/1B.1	None	Chaparral, Coastal scrub, Desert dunes; sandy/annual herb/(Jan)Mar–Sep/245–5250	Not expected to occur. No suitable vegetation (i.e., chaparral, coastal scrub or desert dunes) is present to support this species.
Ambrosia monogyra	singlewhorl burrobrush	None/None/2B.2	None	Chaparral, Sonoran desert scrub; sandy/perennial shrub/Aug–Nov/30–1640	Not expected to occur. A minimal amount of desert scrub is present; however, conspicuous perennial shrub likely to have been detected during the 2019 site visit. The nearest known occurrence is approximately 10 miles south of the study area (CDFW 2019).
Astragalus bernardinus	San Bernardino milk-vetch	None/None/1B.2	None	Joshua tree woodland, Pinyon and juniper woodland; Often granitic or carbonate/perennial herb/Apr–June/2950–6560	Not expected to occur. The study area is outside of the species' known elevation range and there is no suitable vegetation or soils present.
Astragalus lentiginosus var. coachellae	Coachella Valley milk-vetch	FE/None/1B.2	Covered	Desert dunes, Sonoran desert scrub (sandy)/annual / perennial herb/Feb–May/130–2150	Not expected to occur. This species occur in dunes and sandy flats, along the disturbed margins of sandy washes and sand dunes. The study area lacks suitable sandy soils (i.e., soils on-site are compacted) and lacks washes where the species is known to occur. While there are numerous known occurrences less than one mile south of the study area, these occur along Morongo Wash (CDFW 2019).

Scientific Name	Common Name	Status (Federal/State/ CRPR)	CVMSHCP	Primary Habitat Associations/ Life Form/ Blooming Period/ Elevation Range (feet)	Potential to Occur
Astragalus sabulonum	gravel milk-vetch	None/None/2B.2	None	Desert dunes, Mojavean desert scrub, Sonoran desert scrub; Usually sandy, sometimes gravelly. Flats, washes, and roadsides/annual / perennial herb/Feb–June/-195–3050	Low potential to occur. There is a minimal amount of a desert scrub present; however, the study area lacks washes. Furthermore, the nearest known occurrence is from 1906 and is approximately 22 miles southeast of the study area (CDFW 2019).
Astragalus tricarinatus	triple-ribbed milk-vetch	FE/None/1B.2	Covered	Joshua tree woodland, Sonoran desert scrub; sandy or gravelly/perennial herb/Feb–May/1475–3905	Not expected to occur. The study area is outside of the species' known elevation range.
Ayenia compacta	California ayenia	None/None/2B.3	None	Mojavean desert scrub, Sonoran desert scrub; rocky/perennial herb/Mar–Apr/490–3595	Not expected to occur. A minimal amount of desert scrub is present; however, the study area lacks suitable rocky habitats to support this species. This species occurs in rocky canyons and the nearest known occurrence is from 1922 and is approximately 10.6 miles south of the study area within Tahquitz Canyon (CDFW 2019).
Chylismia arenaria	sand evening-primrose	None/None/2B.2	None	Sonoran desert scrub (sandy or rocky)/annual / perennial herb/Nov–May/-225–3000	Low potential to occur. The study area is located within the species' known elevation range and there is a minimal amount of desert scrub present; however, the nearest known occurrence is from 1924 and is approximately 40 miles southeast of the study area at the Salton Sea near Oasis (CDFW 2019).

Scientific Name	Common Name	Status (Federal/State/ CRPR)	CVMSHCP	Primary Habitat Associations/ Life Form/ Blooming Period/ Elevation Range (feet)	Potential to Occur
Cladium californicum	California sawgrass	None/None/2B.2	None	Meadows and seeps, Marshes and swamps Alkaline or Freshwater/perennial rhizomatous herb/June–Sep/195–5250	Not expected to occur. No suitable vegetation (i.e., meadows and seeps, marshes and swamps) is present to support this species.
Jaffueliobryum wrightii	Wright?s jaffueliobryum moss	None/None/2B.3	None	Alpine dwarf scrub, Mojavean desert scrub, Pinyon and juniper woodland; Dry openings, rock crevices, carbonate/moss/N.A./520–8200	Not expected to occur. The study area is located within the species' known elevation range and there is a minimal amount of desert scrub present; however, the study area lacks rock crevices and carbonate soils to support this species.
Matelea parvifolia	spearleaf	None/None/2B.3	None	Mojavean desert scrub, Sonoran desert scrub; rocky/perennial herb/Mar–May(July)/1440–3595	Not expected to occur. The study area is outside of the species' known elevation range.
Mentzelia tricuspis	spiny-hair blazing star	None/None/2B.1	None	Mojavean desert scrub; sandy, gravelly, slopes, and washes/annual herb/Mar–May/490–4200	Not expected to occur. The study area is located within the species' known elevation range and there is a minimal amount of desert scrub present; however, the study area lacks suitable gravelly, slopes, and washes to support this species. The nearest known occurrence is within the Whitewater River approximately 6.6 miles west of the study area (CDFW 2019).
Mentzelia tridentata	creamy blazing star	None/None/1B.3	None	Mojavean desert scrub; rocky, gravelly, sandy/annual herb/Mar–May/2295–3855	Not expected to occur. The study area is outside of the species' known elevation range.

Scientific Name	Common Name	Status (Federal/State/ CRPR)	CVMSHCP	Primary Habitat Associations/ Life Form/ Blooming Period/ Elevation Range (feet)	Potential to Occur
Nemacaulis denudata var. gracilis	slender cottonheads	None/None/2B.2	None	Coastal dunes, Desert dunes, Sonoran desert scrub/annual herb/(Mar)Apr–May/-160–1310	Low potential to occur. The study area is located within the species' known elevation range; however, there is a minimal amount of desert scrub present and the nearest known occurrence is from 1948 and is approximately 5.5 miles southwest of the study area (CDFW 2019).
Petalonyx linearis	narrow-leaf sandpaper-plant	None/None/2B.3	None	Mojavean desert scrub, Sonoran desert scrub; Sandy or rocky canyons/perennial shrub/(Jan–Feb)Mar–May(June–Dec)/-80–3660	Not expected to occur. The study area is located within the species' known elevation range; however, there is a minimal amount of desert scrub present and the study area lacks rocky canyons to support this species. The nearest known occurrence is from 1879 and is approximately 11.3 miles west of the study area within the San Gorgonio Pass (CDFW 2019).
Saltugilia latimeri	Latimer's woodland-gilia	None/None/1B.2	None	Chaparral, Mojavean desert scrub, Pinyon and juniper woodland; rocky or sandy, often granitic, sometimes washes/annual herb/Mar–June/1310–6235	Not expected to occur. The study area is outside of the species' known elevation range.

Scientific Name	Common Name	Status (Federal/State/ CRPR)	CVMSHCP	Primary Habitat Associations/ Life Form/ Blooming Period/ Elevation Range (feet)	Potential to Occur
Salvia greatae	Orocopia sage	None/None/1B.3	Covered	Mojavean desert scrub, Sonoran desert scrub/perennial evergreen shrub/Mar–Apr/-130–2705	Not expected to occur. The study area is located within the species' known elevation range; however, there a minimal amount of desert scrub present and this conspicuous perennial evergreen shrub would likely to have been detected during the 2019 site visit. The nearest known occurrence is approximately 42 miles southeast of the study area (CDFW 2019).
Senna covesii	Coves' cassia	None/None/2B.2	None	Sonoran desert scrub; Dry, sandy desert washes and slopes/perennial herb/Mar–June(Aug)/735–4250	Not expected to occur. The study area is located within the species' known elevation range; however, there a minimal amount of desert scrub present and the study area lacks suitable desert washes and slopes to support this species. The nearest known occurrence is approximately 23 miles south of the study area (CDFW 2019).
Wislizenia refracta ssp. palmeri	Palmer's jackass clover	None/None/2B.2	None	Chenopod scrub, Desert dunes, Sonoran desert scrub, Sonoran thorn woodland/perennial deciduous shrub/Jan–Dec/0–985	Not expected to occur. The study area is located slightly above the species' known elevation range. Conspicuous perennial deciduous shrub likely to have been detected during the 2019 site visit. The nearest known occurrence is approximately 42 miles south of the study area (CDFW 2019).

Scientific Name	Common Name	Status (Federal/State/ CRPR)	CVMSHCP	Primary Habitat Associations/ Life Form/ Blooming Period/ Elevation Range (feet)	Potential to Occur
Wislizenia refracta ssp. refracta	jackass-clover	None/None/2B.2	None	Desert dunes, Mojavean desert scrub, Playas, Sonoran desert scrub/annual herb/Apr–Nov/1965–2625	Not expected to occur. The study area is outside of the species' known elevation range.
Xylorhiza cognata	Mecca-aster	None/None/1B.2	Covered	Sonoran desert scrub/perennial herb/Jan–June/65–1310	Not expected to occur. The study area is located within the species' known elevation range; however, there a minimal amount of desert scrub present and the study area lacks suitable slopes and canyons to support this species. The nearest known native/natural occurrence is approximately 17.7 miles southeast of the study area (CDFW 2019).

Federal
FE: Federally listed as endangered
FT: Federally listed as threatened
State
SE: State listed as endangered
SR: State listed as rare

CRPR: California Rare Plant Rank
1A: Plants presumed extirpated in California and either rare or extinct elsewhere
1B: Plants rare, threatened, or endangered in California and elsewhere
2B: Plants rare, threatened, or endangered in California, but more common elsewhere
4: Plants of Limited Distribution – A Watch List

Threat Rank
0.1 – Seriously threatened in California (more than 80% of occurrences threatened/high degree and immediacy of threat)
0.2 – Moderately threatened in California (20%–80% occurrences threatened/moderate degree and immediacy of threat)
0.3 – Not very threatened in California (less than 20% of occurrences threatened/low degree and immediacy of threat or no current threats known)

CVMSHCP: Coachella Valley Multiple Species Habitat Conservation Plan

Scientific Name	Common Name	Status (Federal/State)	CVMSHCP	Habitat	Potential to Occur
Amphibians					
Rana draytonii	California red-legged frog	FT/SSC	None	Lowland streams, wetlands, riparian woodlands, livestock ponds; dense, shrubby or emergent vegetation associated with deep, still or slow-moving water; uses adjacent uplands	Not expected to occur. No suitable aquatic resources are present to support this species.
Rana muscosa	mountain yellow-legged frog	FE/SE, WL	None	Lakes, ponds, meadow streams, isolated pools, and open riverbanks; rocky canyons in narrow canyons and in chaparral	Not expected to occur. No suitable aquatic resources are present to support this species.
Reptiles					
Anniella stebbinsi	southern California legless lizard	None/SSC	None	Coastal dunes, stabilized dunes, beaches, dry washes, valley–foothill, chaparral, and scrubs; pine, oak, and riparian woodlands; associated with sparse vegetation and moist sandy or loose, loamy soils	Not expected to occur. Although there is a minimal amount of creosote bush present that can potentially serve as suitable habitat, the study area soils are highly compacted and lack the loose loamy soils that this species generally prefers.
Arizona elegans occidentalis	California glossy snake	None/SSC	None	Commonly occurs in desert regions throughout southern California. Prefers open sandy areas with scattered brush. Also found in rocky areas.	Low potential to occur. There are some open marginal sandy areas with limited scattered creosote brush; however, the soils are highly compacted and disturbed. Additionally, the study area is isolated because of surrounding development.
Charina umbratica	southern rubber boa	None/ST	None	Montane oak–conifer and mixed-conifer forests, montane chaparral, wet meadows; usually in vicinity of streams or wet meadows	Not expected to occur. The study area is outside the species' known range in the San Jacinto and San Bernardino Ranges, and suitable habitat is absent. The nearest CNDDB occurrence is approximately 14.5 miles southwest of the project site.
Crotalus ruber	red diamond rattlesnake	None/SSC	None	Coastal scrub, chaparral, oak and pine woodlands, rocky grasslands, cultivated areas, and desert flats	Low potential to occur. The project footprint generally consists of disturbed and developed habitat with sparse creosote brush. The nearest CNDDB occurrence is approximately 1.7 miles southeast of the project site.

Scientific Name	Common Name	Status (Federal/State)	CVMSHCP	Habitat	Potential to Occur
Gopherus agassizii	Mojave desert tortoise	FT/ST	Covered	Arid and semi-arid habitats in Mojave and Sonoran Deserts, including sandy or gravelly locations along riverbanks, washes, sandy dunes, canyon bottoms, desert oases, rocky hillsides, creosote flats, and hillsides	Not expected to occur. Although there is marginal suitable habitat (sparse creosote bush), the soils have been compacted; surrounding areas are highly disturbed and surrounded by ornamental vegetation and development. The nearest CNDDB occurrence is approximately 4.1 miles east of the study area (CDFW 2019).
Phrynosoma blainvillii	Blainville's horned lizard	None/SSC	None	Open areas of sandy soil in valleys, foothills, and semi-arid mountains including coastal scrub, chaparral, valley–foothill hardwood, conifer, riparian, pine–cypress, juniper, and annual grassland habitats	Low potential to occur. There are some open marginal sandy areas with limited scattered creosote brush; however, the soils are highly compacted and disturbed. Additionally, the study area is at the edge of the species range and isolated from suitable habitat due to surrounding development.
Phrynosoma mcallii	flat-tailed horned lizard	None/SSC	Covered	Desert washes and flats with sparse low-diversity vegetation cover and sandy soils	Not expected to occur. The study area lacks suitable sandy soils; the soils present are highly compacted. Additionally, the study area is isolated because of surrounding development. The nearest CNDDB occurrence is approximately 4.8 miles southwest from the study area (CDFW 2019).
Thamnophis hammondii	two-striped gartersnake	None/SSC	None	Streams, creeks, pools, streams with rocky beds, ponds, lakes, vernal pools	Not expected to occur. The study area lacks suitable habitat to support this species.
Uma inornata	Coachella fringe-toed lizard	FT/SE	Covered	Sand dunes in sparse desert scrub, alkali scrub, and desert wash	Not expected to occur. Although the nearest CNDDB occurrence is approximately 0.7 miles south of the project site, this site lacks the suitable habitat (i.e., sand dunes, desert wash) needed for this species to occur.
Birds					
Aquila chrysaetos (nesting & wintering)	golden eagle	BCC/FP, WL	None	Nests and winters in hilly, open/semi-open areas, including shrublands, grasslands, pastures, riparian areas, mountainous canyon land, open desert rimrock terrain; nests in large trees and on cliffs in open areas and forages in open habitats	Not expected to nest or forage; however, species may fly over the site. There is no suitable nesting habitat present. Additionally, the adjacent areas are developed and highly disturbed which limits the potential for this species to occur.

Scientific Name	Common Name	Status (Federal/State)	CVMSHCP	Habitat	Potential to Occur
Asio otus (nesting)	long-eared owl	None/SSC	None	Nests in riparian habitat, live oak thickets, other dense stands of trees, edges of coniferous forest; forages in nearby open habitats	Not expected to nest or forage. The study area lacks dense stands of trees and species is unlikely to forage over a small parcel in an otherwise developed area.
Athene cunicularia (burrow sites & some wintering sites)	burrowing owl	BCC/SSC	Covered	Nests and forages in grassland, open scrub, and agriculture, particularly with ground squirrel burrows	Moderate potential to occur. There are some debris piles that can potentially serve as refuge for this species; however, no burrows were observed during the site visit and there are urbanized/developed areas within the site. The nearest CNDDB occurrence is 0.2 miles away in 2005 (CDFW 2019).
Cypseloides niger (nesting)	black swift	BCC/SSC	None	Nests in moist crevices, caves, and cliffs behind or adjacent to waterfalls in deep canyons; forages over a wide range of habitats	Not expected to occur. There are no nearby waterfalls, moist crevices, caves, or cliffs suitable for nesting.
Icteria virens (nesting)	yellow-breasted chat	None/SSC	Covered	Nests and forages in dense, relatively wide riparian woodlands and thickets of willows, vine tangles, and dense brush	Not expected to occur. Suitable habitat (i.e., riparian woodlands, willows, or vine tangles) is absent.
Lanius ludovicianus (nesting)	loggerhead shrike	BCC/SSC	None	Nests and forages in open habitats with scattered shrubs, trees, or other perches	Low potential to nest and forage. There is open habitat with scattered creosote shrubs present that can potentially serve as suitable habitat. However the shrubs are far in between and surrounded by development and ornamental plants.
Piranga rubra (nesting)	summer tanager	None/SSC	Covered	Nests and forages in mature desert riparian habitats dominated by cottonwoods and willows	Not expected to occur. Suitable habitat is absent.

Scientific Name	Common Name	Status (Federal/State)	CVMSHCP	Habitat	Potential to Occur
Polioptila californica californica	coastal California gnatcatcher	FT/SSC	None	Nests and forages in various sage scrub communities, often dominated by California sagebrush and buckwheat; generally avoids nesting in areas with a slope of greater than 40%; majority of nesting at less than 1,000 feet above mean sea level	Not expected to occur. The study area is outside the species' range.
Pyrocephalus rubinus (nesting)	vermilion flycatcher	None/SSC	None	Nests in riparian woodlands, riparian scrub, and freshwater marshes; typical desert riparian with cottonwood, willow, mesquite adjacent to irrigated fields, ditches, or pastures	Not expected to occur. There are no water resources available to create suitable habitat for this species (i.e., woodland and desert riparian scrub, marshes, or irrigated fields).
Setophaga petechia (nesting)	yellow warbler	BCC/SSC	Covered	Nests and forages in riparian and oak woodlands, montane chaparral, open ponderosa pine, and mixed-conifer habitats	Not expected to nest. Although this species likely occurs in migration, no riparian or other suitable vegetation for nesting occurs within the study area.
Toxostoma crissale	Crissal thrasher	None/SSC	Covered	Nests and forages in desert riparian and desert wash; dense thickets of sagebrush and other shrubs such as mesquite, iron catclaw acacia, and arrowweed willow within juniper and pinyon–juniper woodlands	Not expected to occur. The study area lacks the desert wash and scrub thickets this species requires. The nearest CNDDB occurrence was in 1989 and approximately 8.7 miles south from the study area (CDFW 2019).
Vireo bellii pusillus (nesting)	least Bell's vireo	FE/SE	Covered	Nests and forages in low, dense riparian thickets along water or along dry parts of intermittent streams; forages in riparian and adjacent shrubland late in nesting season	Not expected to occur. No suitable riparian vegetation present and the study area is located outside the known range of this subspecies.

Scientific Name	Common Name	Status (Federal/State)	CVMSHCP	Habitat	Potential to Occur
Mammals					
Antrozous pallidus	pallid bat	None/SSC	None	Grasslands, shrublands, woodlands, forests; most common in open, dry habitats with rocky outcrops for roosting, but also roosts in man-made structures and trees	Low potential to roost and forage The developed and urbanized surrounding areas may provide suitable roosting habitat; however, no roosting habitat occurs on the study area and foraging habitat is marginal.
Chaetodipus fallax pallidus	pallid San Diego pocket mouse	None/SSC	None	Desert wash, desert scrub, desert succulent scrub, and pinyon–juniper woodland	Not expected to occur. The project footprint generally consists of disturbed and developed habitat with sparse creosote bush. Additionally, the study are is isolated because of surrounding development. The nearest CNDDB occurrence is approximately 2.7 miles north of the study area.
Corynorhinus townsendii	Townsend's big-eared bat	None/SSC	None	Mesic habitats characterized by coniferous and deciduous forests and riparian habitat, but also xeric areas; roosts in limestone caves and lava tubes, man-made structures, and tunnels	Not expected to roost and forage. The study area lacks the riparian habitat, coniferous, and deciduous forests favored by this species. Additionally, the study area and immediate vicinity lack suitable roosting habitat.
Glaucomys oregonensis californicus	San Bernardino flying squirrel	None/SSC	None	Coniferous and deciduous forests, including riparian forests	Not expected to occur. The study area does not support coniferous, deciduous, or riparian forests.
Lasiurus xanthinus	western yellow bat	None/SSC	Covered	Valley–foothill riparian, desert riparian, desert wash, and palm oasis habitats; below 2,000 feet above mean sea level; roosts in riparian and palms	Not expected to occur. The study area lacks suitable riparian, desert wash, or palm oasis habitats.
Neotoma lepida intermedia	San Diego desert woodrat	None/SSC	None	Coastal scrub, desert scrub, chaparral, cacti, rocky areas	Not expected to occur. The scattered creosote scrub is isolated from suitable habitat due to surrounding development. The study area is likely at the very edge of the species' range or outside its range.

Scientific Name	Common Name	Status (Federal/State)	CVMSHCP	Habitat	Potential to Occur
Nyctinomops femorosaccus	pocketed free-tailed bat	None/SSC	None	Pinyon–juniper woodlands, desert scrub, desert succulent shrub, desert riparian, desert wash, alkali desert scrub, Joshua tree, and palm oases; roosts in high cliffs or rock outcrops with drop-offs, caverns, and buildings	Not expected to roost, low potential to forage. The scattered creosote scrub is isolated from suitable habitat due to surrounding development. Additionally, there are no cliffs, caverns or rocky outcrops for roosting. The nearest CNDDB occurrence is 8.7 miles away.
Nyctinomops macrotis	big free-tailed bat	None/SSC	None	Rocky areas; roosts in caves, holes in trees, buildings, and crevices on cliffs and rocky outcrops; forages over water	Not expected to occur. The study area lacks rocky areas, caves, large trees, or cliffs for roosting, and the site is outside the species known range. Additionally there are no water resources for foraging. The nearest CNDDB occurrence is approximately 20.8 miles east of the study area.
Ovis canadensis nelsoni	Nelson's bighorn sheep	None/FP	None	Steep slopes and cliffs, rough and rocky topography, sparse vegetation; also canyons, washes, and alluvial fans	Not expected to occur. The study area is located outside the rocky cliffs and steep slopes known to support this species. Additionally, the adjacent surrounding areas consist of urbanized and developed limiting the potential for this species to occur.
Ovis canadensis nelsoni pop. 2 DPS	Peninsular bighorn sheep DPS	FE/FP, ST	Covered	Dry, rocky, low-elevation desert slopes, canyons, and washes; females near water during lambing season	Not expected to occur. There are no rocky slopes, canyons, or washes present. Additionally, the adjacent surrounding areas are urbanized and developed. The nearest CNDDB occurrence is approximately 12.6 miles away from the study area.
Perognathus longimembris bangsi	Palm Springs pocket mouse	None/SSC	Covered	Creosote scrub, desert scrub, and grasslands; sparse to moderately dense vegetative cover	Low potential to occur. There is sparse creosote scrub within the study area; however, the project footprint generally consists of disturbed and developed habitat. Additionally, the study area is isolated because of surrounding development. The nearest CNDDB occurrence is approximately 3.7 miles away from the study area.
Perognathus longimembris brevinasus	Los Angeles pocket mouse	None/SSC	None	Lower-elevation grassland, alluvial sage scrub, and coastal scrub	Not expected to occur. The study area lacks suitable habitat to support this species and is located outside of the species' known range.
Spermophilus (Xerospermophilus) tereticaudus chlorus	Palm Springs round-tailed ground squirrel	None/SSC	Covered	Sandy arid regions of Lower Sonoran Life Zone including creosote bush scrub and creosote–palo verde	Low potential to occur. The study area supports a limited amount of creosote bush. However, the surrounding areas are urbanized and developed. The nearest CNDDB occurrence is approximately 8.5 miles southwest from the study area.

Scientific Name	Common Name	Status (Federal/State)	CVMSHCP	Habitat	Potential to Occur
Taxidea taxus	American badger	None/SSC	None	Dry, open, treeless areas; grasslands, coastal scrub, agriculture, and pastures, especially with friable soils	Not expected to occur. Although the site is open, it is disturbed and surrounded by ornamental vegetation and development. Additionally, there were no burrows observed during the on-site visit that would indicate this species was present.
Invertebrates					
Dinacoma caseyi	Casey's June beetle	FE/None	None	Found only in two populations in a small area of southern Palm Springs	Not expected to occur. Suitable habitat absent. This species is only known to occur within Palm Springs within Whitewater River and Tahquitz Creek.

Status Legend
Federal
BCC: USFWS – Birds of Conservation Concern
FD: Federally delisted; monitored for 5 years
FE: Federally listed as endangered
FT: Federally listed as threatened
State
FP: CDFW Fully Protected Species
SE: State listed as endangered
ST: State listed as threatened
SSC: California Species of Special Concern
MSHCP: Western Riverside County Multiple Species Conservation Plan

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Appendix D

Cultural Resources Records Search

Report List

Report No.	Other IDs	Year	Author(s)	Title	Affiliation	Resources
RI-00459	NADB-R - 1080501; Voided - MF-0397	1978	Nancy A. Whitney-Desautels	Archaeological Survey Report on Two Parcels of Land Located in the Desert Hot Springs Area of the County of Riveside	Scientific Resource Surveys, Santa Ana, CA	
RI-01983	NADB-R - 1082402; Voided - MF-2174	1985	PARR, ROBERT E.	AN ARCHAEOLOGICAL ASSESSMENT OF TRACT 12832 (12832), LOTS 1,2, AND 3, IN THE CITY OF DESERT HOT SPRINGS, RIVERSIDE COUNTY, CALIFORNIA	ARCHAEOLOGICAL RESEARCH UNIT, U.C. RIVERSIDE	
RI-04845	NADB-R - 1086207	2004	WHITE, ROBERT S., JOHN A. MINCH, and LAURA S. WHITE	ARCHAEOLOGICAL AND PALEONTOLOGICAL ASSESSMENT OF 10.17-ACRES AS SHOWN ON TTM 32651, NORTHWEST OF THE INTERSECTION OF CHOLLA DRIVE AND HACIENDA AVENUE, CITY OF DESERT HOT SP[RINGS, RIVERSIDE COUNTY	ARCHEOLOGICAL ASSOCIATES	
RI-04846	NADB-R - 1086208	2004	WHITE, ROBERT S., LAURA S. WHITE, and JOHN A MINCH	ARCHAEOLOGICAL AND PALEONOLOGICAL ASSESSMENT OF 13.15-ACRES AS SHOWN ON TPM 32729, NORTHEAST CORNER OF LITTLE MORONGO ROAD AND TWO BUNCH PALMS TRAIL, CITY OF DESERT HOT SPRINGS, RIVERSIDE COUNTY	ARCHAEOLOGICAL ASSOCIATES	
RI-05188	NADB-R - 1086551	2004	TANIGUCHI, CHRISTEEN	LETTER REPORT: RECORDS SEARCH RESULTS, SITE VISIT AND INDIRECT APE HISTORIC ARCHITECTURAL ASSESSMENT FOR SPRINT TELECOMMUNICATIONS FACILITY RV60XC858A (IRWIN PROPERTY), PIERSON BOULEVARD, DESERT HOT SPRINGS, RIVERSIDE COUNTY, CALIFORNIA	MICHAEL BRANDMAN ASSOCIATES	33-014810
RI-05192	NADB-R - 1086555	2005	DICE, MICHAEL and JAY KEASLING	PHASE I CULTURAL RESOURCE SURVEY, NEGATIVE RESULTS AT THE EAGLE POINT PROJECT, APN NO. 664-190-004, -036, -037, AND -038, CITY OF DESERT HOT SPRINGS, CA	MICHAEL BRANDMAN ASSOCIATES	
RI-05193	NADB-R - 1086556	2005	MASON, ROGER	PHASE I ARCHAEOLOGICAL SURVEY REPORT FOR PROPERTY LOCATED AT THE NORTHEAST CORNER OF 13TH AVENUE AND LITTLE MORONGO DRIVE, DESERT HOT SPRINGS, RIVERSIDE COUNTY, CA	ECORP CONSULTING	

Report List

Report No.	Other IDs	Year	Author(s)	Title	Affiliation	Resources
RI-05599	NADB-R - 1086962	2004	WHITE, ROBERT S. and LAURA S. WHITE	ARCHAEOLOGICAL AND PALEONTOLOGICAL ASSESSMENTS OF TENTATIVE TRACT 32360, A 10.18-ACRE PARCEL LOCATED NORTHWEST OF THE INTERSECTION OF DESERT VIEW AVENUE AND CHOLLA DRIVE, CITY OF DESERT HOT SPRINGS, RIVERSIDE COUNTY	ARCHAEOLOGICAL ASSOCIATES	
RI-05650	NADB-R - 1087013	2005	DEMCAK, CAROL R.	REPORT OF PHASE I ARCHAEOLOGICAL ASSESSMENT FOR 10-ACRE PARCEL (APN 663-320-002), DESERT HOT SPRINGS, CA	ARCHAEOLOGICAL RESOURCE MANAGEMENT CORPORATION	
RI-06216	NADB-R - 1087579; Submitter - Project Number: CA-5306C	2006	Sean M. Thal	Letter Report: Proposed Cellular Tower Project(s) in Riverside County, California, Site Number(s)/Name(s): CA-5306C/ Little Morongo, TCNS #13289	EarthTouch, Inc.	
RI-06463	NADB-R - 1087828; Submitter - CONTRACT #1495	2004	TANG, BAI, MICHAEL HOGAN, MATTHEW WETHERBEE, and JOHN J. EDDY	HISTORICAL/ARCHAEOLOGICAL RESOURCES SURVEY REPORT, PIERSON BOULEVARD SEWER INTERCEPTOR, CITY OF DESERT HOT SPRINGS, RIVERSIDE COUNTY, CA	CRM TECH	
RI-06510	NADB-R - 1087877; Submitter - CONTRACT #1947	2006	TANG, BAI and MICHAEL HOGAN	HISTORICAL/ARCHAEOLOGICAL RESORUCES SURVEY REPORT, ASSESSOR'S PARCEL NO. 663-290-003, IN THE CITY OF DESERT HOT SPRINGS, RIVERSIDE COUNTY, CALIFORNIA	CRM TECH	
RI-06513	NADB-R - 1087880; Submitter - CONTRACT #1754A	2006	TANG, BAI, MICHAEL HOGAN, DEIRDRE ENCARNACION, and DANIEL BALLESTER	HISTORICAL/ARCHAEOLOGICAL RESOURCES SURVEY REPORT, GHA SINGLE-FAMILY RESIDENTIAL DEVELOPMENT, IN THE CITY OF DESERT HOT SPRINGS, RIVERSIDE COUNTY, CALIFORNIA	CRM TECH	
RI-06685	NADB-R - 1088052; Submitter - CONTRACT NO. 2009A	2007	TANG, BAI "TOM", MICHAEL HOGAN, CLARENCE BODMER, DANIEL BALLESTER, and LAURA H. SHAKER	HISTORICAL/ARCHAEOLOGICAL RESOURCES SURVEY REPORT: TENTATIVE TRACT MAP NO. 33548, IN THE CITY OF DESERT HOT SPRINGS, RIVERSIDE COUNTY, CALIFORNIA	CRM TECH	
RI-06765	NADB-R - 1088134	2006	DEMCAK, CAROL R.	REPORT OF PHASE I ARCHAEOLOGICAL ASSESSMENT FOR 4.77-ACRE PARCEL (APN 663-320-016), DESERT HOT SPRINGS, CALIFORNIA	ARCHAEOLOGICAL RESOURCE MANAGEMENT CORPORATION	

Report List

Report No.	Other IDs	Year	Author(s)	Title	Affiliation	Resources
RI-06781	Other - 05-06-05-1215	2006	McKenna, Jeanette A.	A Phase I Cultural Resources Investigation of the Asset Group, LLC Property (80 ac.) In the City of Desert Hot Springs, Riverside County, California	McKenna et. Al	
RI-07013		2005	Robert S. White and Laura S. White	Archaeological and Paleontological Assessments of TT 34041, a 19-Acre Parcel Located Northeast of the Intersection of West Drive and 15th Avenue, City of Desert Hot Springs, Riverside County	Archaelogical Associates	
RI-07292		2007	Bai Tom Tang and Michael Hoga	Historical/Archaeological Resources Survey Report: Assessor's Parcel Nos. 663-280-006 and -007 in the City of Desert Hot Springs, Riverside County, California	CRM TECH	
RI-07762		2007	Carol R. Demcak	Report of Phase I Archaeological Assessment for 4.77-Acre Parcel (APN 663-320-016), Flora Avenue and West Drive, Desert Hot Springs, California	Archaeological Resource Management Corporation	
RI-08898	Caltrans - 08-RIV-Desert Hot Springs; FPN DEMO6L 5384(015)	2012	Robert A. Rowe, Jennifer M. Sanka, Lora Holland, and William R. Gillean	Archaeological Survey Report Essential Phase III Road Improvements Project City of Desert Hot Springs, Riverside County, California, Caltrans Local Assistance Project 08-RIV-Desert Hot Springs; FPN DEMO6L 5384(015)	Atkins North America, Inc.	
RI-09019	Submitter - CRM TECH Project No. 2647	2013	Michael Hogan	Archaeological Monitoring Program, Mission Springs Water District Service Area F Sewer Improvement Project, Desert Hot Springs, Riverside County, California	CRM TECH	
RI-09363		2015	Bai "Tom" Tang and Michael Hogan	Phase I Historical/Archaeological Resources Survey Little Morongo and Kranshire Project Assessor's Parcel Number 663-270-004 City of Desert Hot Springs, Riverside County, California	CRM Tech	33-024248
RI-09368		2015	Bai "Tom" Tang, Michael Hogan, Deirdre Encarnacion, Salvadore Boites, and Nina Gallardo	Historical/Archaeological Resources Survey Report: GFarmaLabs Project, Assessor's Parcel nNos. 665-030-018 and -019, City of Desert Hot Springs, Riverside County, California	CRM TECH	
RI-09466		2015	Ben Kerridge, Daniel Ballester, and Nina Gallardo	Phase I Historical/Archaeological Resources Survey, Assessor's Parcel Number 663-270-006 and -007, City of Desert Hot Springs, Riverside County, California	CRM TECH	

Report List

Report No.	Other IDs	Year	Author(s)	Title	Affiliation	Resources
RI-09467		2015	Ben Kerridge, Daniel Ballester, and Nina Gallardo	Phase I Historical/Archaeological Resources Survey, Assessor's Parcel Number 663-270-005, City of Desert Hot Springs, Riverside County, California	CRM TECH	
RI-09469		2015	Terri Jacquemain, Daniel Ballester, and Nina Gallardo	Phase I Hostorical/Archaeological Resources Survey, Assessor's Parcel Numbers 663-280-008, -009, and -019, City of Desert Hot Springs, Riverside County, California	CRM TECH	
RI-09470		2015	Terri Jacquemain, Daniel Ballester, and Nina Gallardo	Phase I Historical/Archaeological Resources Survey, Assessor's Parcel Number 665-030-025, City of Desert Hot Springs, Riverside Country, California	CRM TECH	
RI-09475		2016	Jesse Yorck, Daniel Ballester, and Kaitlyn Sherman	Historical/Archaeological Resources Survey Report: Assessor's Parcel Number 663-280-002, City of Desert Hot Springs, Riverside County, California	CRM TECH	
RI-09478		2015	Jesse Yorck, Daniel Ballester, and Nina Gallardo	Historical/Archaeological Resources Survey Report: Assessor's Parcel Number 665-030-043, City of Desert Hot Springs, Riverside County, Califronia	CRM TECH	
RI-09494		2015	Terri Jacquemain, Daniel Ballester, and Nina Gallardo	Phase I Historical/Archaeological Resources Survey, Assessor's Parcel Number 663-280-018, City of Desert Hot Springs, Riverside County, California	CRM TECH	
RI-09498	Other - 665-030-041	2016	BAI TANG and MICHAEL HOGAN	HISTORICAL/ARCHAEOLOGICAL RESOURCES SURVEY REPORT; ASSESSORS PARCEL NUMBER 665-030-041 NR TRADING COMPANY PROJECT	CRM TECH	
RI-09512		2015	Ben Kerridge, Daniel Ballester, and Nina Gallardo	Historical/Archaeological Resources Survey Report: Assessor's Parcel Numbers 665-030-023 and -024, City of Desert Hot Springs, Riverside County, California	CRM TECH	
RI-09513		2015	Jesse Yorck, Daniel Ballester, and Nina Gallardo	Historical/Archaeological Resources Survey Report: Assessor's Parcel Number 665-030-037, City of Desert Hot Spings, Riverside County, California	CRM TECH	
RI-09549		2016	Jesse York, Ben Kerridge, Daniel Ballester, and Nina Gallardo	Historical/Archaeological Resource Survey Report: Assessor's Parcel Number 665-030-062, City of Desert Hot Springs, Riverside County, California	CRM Tech	

Report List

Report No.	Other IDs	Year	Author(s)	Title	Affiliation	Resources
RI-09550		2016	Bai "Tom" Tang, Mariam Dahdul, Daniel Ballester, and Nina Gallardo	Historical/Archaeological Resources Survey Report: Assessor's Parcel Number 665-030-036, City of Desert Hot Springs, Riverside County, California	CRM Tech	
RI-09557		2015	Bai "Tom" Tang and Michael Hogan	Historical/Archaeological Resources Survey Report, Assessor's Parcel Number 665-030-058	CRM Tech	
RI-09840		2016	Andrew Meyers and Wendy Blumel	Cultural Resources Investigation Of One Approximately 11-Acre Parcel In The City Of Desert Hot Springs Riverside County, California	ECORP Consulting, INC.	
RI-09844		2016	Hannah Hicok and Wendy Blumel	Cultural Resources Investigation of Two 2.5-Acre Parcels In The City Of Desert Hot Springs Riverside County California	ECORP Consulting Inc	
RI-09858		2016	Hannah Hicok and Wendy Blumel	Cultural Resources Investigation Of Two 1.07-Acre Parcels On 2 Bunch Palms Trail In The City Of Desert Hot Springs Riverside County, California	ECORP Consulting, INC.	
RI-09873		2016	Bai "Tom" Tang, Michael Hogan, Jesse Yorck, Daniel Ballester, and Nina Gallardo	Historical/ Archaeological Resources Survey Report Assessor's Parcel Number 665-060-006 City of Desert Hot Springs, Riveriside County, California	CRM TECH	
RI-09939		2016	Bai "Tom" Tang, Deirdre Encarnacion, Daniel Ballester, and Nina Gallardo	Historical/Archaeological Resources Survey Report: Assessor's Parcel Nos. 665-030-038, City Of Desert Hot Springs, Riverside County, California	CRM TECH	
RI-09968		2017	Brian F. Smith and Andrew J. Garrison	A Phase 1 Cultural Resources Assessment for the Marbella Villa Project	Brian F. Smith & Associates	
RI-10165	Other - CRM TECH Contract No. 3000	2016	Bai "Tom" Tang and Michael Hogan	Historical/Archaeological Resources Survey Report Assessor's Parcel Number 665-030-062	CRM TECH	
RI-10254		2010	Terri Jacquemain, Harry M. Quinn, Baniel Ballester, and Laura H. Shaker	Identification and Evaluation of Historic Properties: Mission Springs Water District, Groundwater Protection Pipeline Project, in and near the City of Desert Hot Springs, Riverside County, California	CRM TECH	
RI-10264		2018	Bai "Tom" Tang, Deirdre Encarnacion, Salvadore Boites, and Nina Gallardo	Historical/Archaeological Resources Survey Report: Dreamfields Project, Assessor's Parcel No. 665-030-059, City of Desert Hot Springs, Riverside County, California	CRM TECH	

Report List

Report No.	Other IDs	Year	Author(s)	Title	Affiliation	Resources
RI-10464	Other -	2017	Andrew Myers and Wendy Blumel	One 1.26-Acre Parcel in the City of Desert Hot Springs Riverside County, California	ECORP Consulting, Inc. Enviornmental Consultants	
RI-10488		2017	Andrew Myers and Wendy Blumel	One 6.19-Acre Project Area in the City of Desert Hot Springs Riverside County, California	ECORP Consulting, Inc.	

Resource List

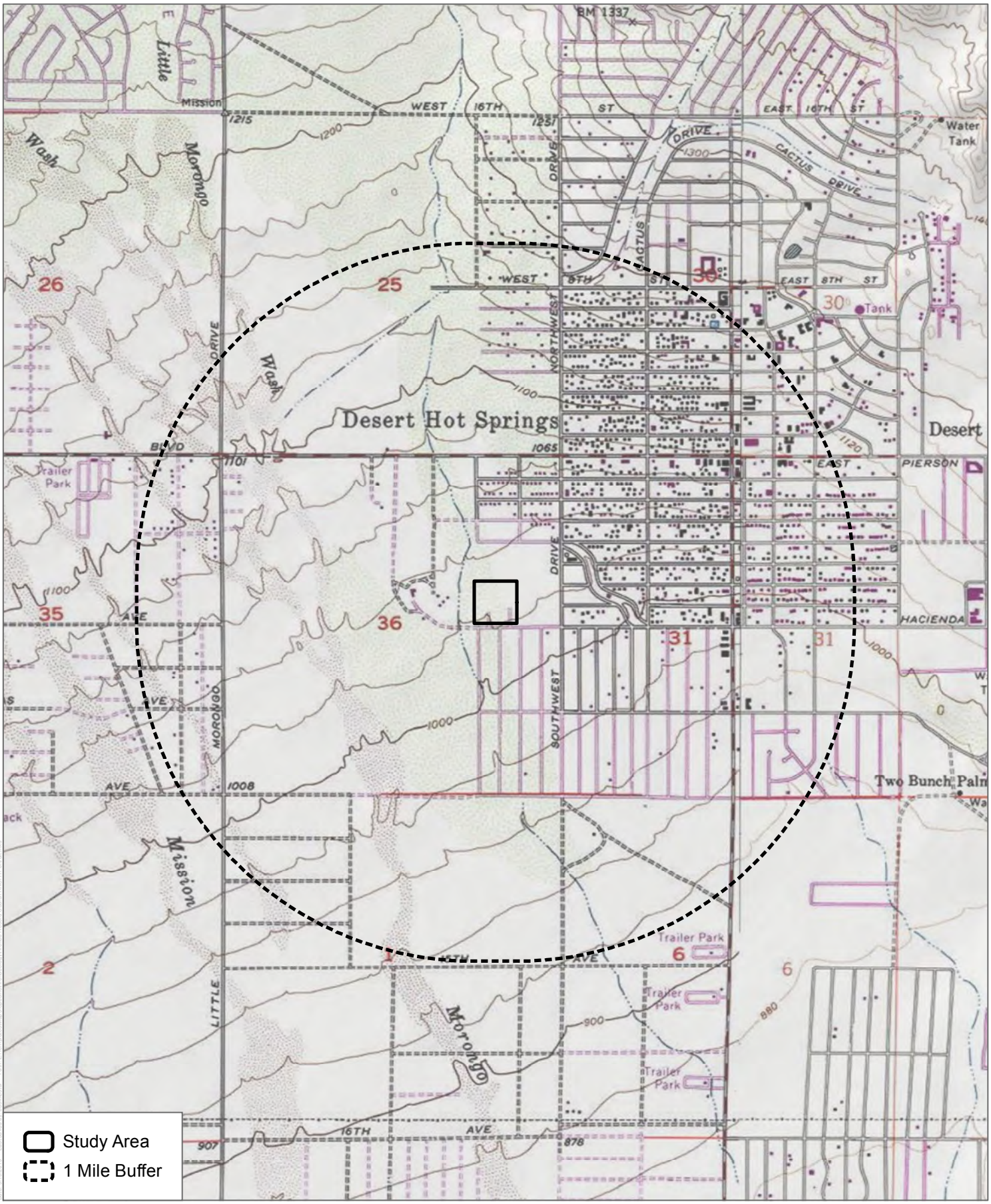
Primary No.	Trinomial	Other IDs	Type	Age	Attribute codes	Recorded by	Reports
P-33-006844				Historic		1983 (R. Adams, Riverside County Historical Comm.)	RI-10771
P-33-006845				Historic		1983 (R. Adams, Riverside County Historical Comm.)	
P-33-006848				Historic		1983 (J. Warner, Riverside County Historical Comm)	
P-33-006849				Historic		1983 (J. Warner, Riverside County Historical Comm.)	
P-33-006850				Historic		1983 (R. Adams, Riverside County Historical Comm.)	RI-10771
P-33-006887				Historic		1983 (J. Warner, Riverside County Historical Comm.)	
P-33-006888				Historic		1983 (J. Warner, Riverside County Historical Comm.)	
P-33-006889				Historic		1983 (J. Warner, Riverside County Historical Comm.)	
P-33-006890				Historic		1983 (J. Warner, Riverside County Historical Comm.)	
P-33-006891				Historic		1983 (R. Adams, Riverside County Historical Comm.)	
P-33-006892				Historic		1983 (J. Warner, Riverside County Historical Comm.)	
P-33-006893				Historic		1983 (J. Warner, Riverside County Historical Comm.)	
P-33-006894				Historic		1983 (J. Warner, Riverside County Historical Comm.)	
P-33-006895				Historic		1983 (J. Warner, Riverside County Historical Comm.)	
P-33-006896				Historic		1983 (J. Warner, Riverside County Historical Comm.)	
P-33-006897				Historic		1983 (J. Warner, Riverside County Historical Comm.)	
P-33-006898				Historic		1983 (J. Warner, Riverside County Historical Comm.)	
P-33-006899				Historic		1983 (J. Warner, Riverside County Historical Comm.)	

Resource List

Primary No.	Trinomial	Other IDs	Type	Age	Attribute codes	Recorded by	Reports
P-33-006900				Historic		1983 (J. Warner, Riverside County Historical Comm.)	
P-33-006901				Historic		1983 (J. Warner, Riverside County Historical Comm.)	
P-33-006902				Historic		1983 (J. Warner, Riverside County Historical Comm.)	
P-33-006903				Historic		1983 (J. Warner, Riverside County Historical Comm.)	
P-33-006904				Historic		1983 (J. Warner, Riverside County Historical Comm.)	
P-33-006905				Historic		1983 (J. Warner, Riverside County Historical Comm.)	
P-33-006906				Historic		1983 (J. Warner, Riverside County Historical Comm.)	
P-33-006907				Historic		1983 (J. Warner, Riverside County Historical Comm.)	
P-33-006908				Historic		1983 (J. Warner, Riverside County Historical Comm.)	
P-33-008409		Other - Palm Drive	Other	Historic	HP37	1998 (J. Brock, Archaeological Advisory Group)	RI-04086, RI-08553
P-33-014810				Historic		2004 (Taniguchi, Christeen, Michael Brandman Associates)	RI-05188
P-33-024248	CA-RIV-011907	Other - CRM TECH 2926-1H	Site	Historic	AH04	2015 (Michael Hogan, Sal Boites, CRM TECH)	RI-09363
P-33-026629	CA-RIV-012533	Other - CRM TECH 3150-2H	Object	Historic	AH04	(Salvador Boites, CRM Tech)	
P-33-026642	CA-RIV-012546	Other - MCP-S-1	Object	Historic	AH04	2017 (Jose "Pepe" Aguilar, Meridian Archaeological)	
P-33-026643	CA-RIV-012547	Other - MCP-S-2	Object	Historic	AH04	2017 (Jose "Pepe" Aguilar, Meridian Archaeological)	
P-33-026684	CA-RIV-012575	Other - CRM TECH 3150-1H	Site	Historic	AH04	2016 (Salvadore Boites, CRM TECH)	
P-33-026869		Other - MM-001-I	Other	Historic	AH16	2016 (Andrew Myers, ECORP Consulting, Inc.)	
P-33-026870		Other - MM-002-I	Other	Historic	AH16	2016 (Andrew Myers, ECORP Consulting, Inc.)	
P-33-026871		Other - MAD-001-I	Other	Historic	AH16	2016 (Hannah Hicok, ECORP Consulting, Inc.)	

Resource List

Primary No.	Trinomial	Other IDs	Type	Age	Attribute codes	Recorded by	Reports
P-33-028295	CA-RIV-012760	Other - CRM TECH 3385-1H	Site	Historic	AH04	2018 (Daniel Ballester, John Goodman, & Lacey Padilla, CRM TECH)	



SOURCE: USGS 7.5-Minute Series Seven Palms Valley & Desert Hot Springs Quadrangles
Township 2S, 3S; Range 5E, 4E; Sections 1, 2, 6, 25, 26, 30, 31, 35, 36

DUDEK

0 1,000 2,000 Feet
0 285 570 Meters
1:24,000

Records Search

DHS Corporate Yard Park

Appendix D

Cultural Resources Records Search

Report List

Report No.	Other IDs	Year	Author(s)	Title	Affiliation	Resources
RI-00459	NADB-R - 1080501; Voided - MF-0397	1978	Nancy A. Whitney-Desautels	Archaeological Survey Report on Two Parcels of Land Located in the Desert Hot Springs Area of the County of Riveside	Scientific Resource Surveys, Santa Ana, CA	
RI-01983	NADB-R - 1082402; Voided - MF-2174	1985	PARR, ROBERT E.	AN ARCHAEOLOGICAL ASSESSMENT OF TRACT 12832 (12832), LOTS 1,2, AND 3, IN THE CITY OF DESERT HOT SPRINGS, RIVERSIDE COUNTY, CALIFORNIA	ARCHAEOLOGICAL RESEARCH UNIT, U.C. RIVERSIDE	
RI-04845	NADB-R - 1086207	2004	WHITE, ROBERT S., JOHN A. MINCH, and LAURA S. WHITE	ARCHAEOLOGICAL AND PALEONTOLOGICAL ASSESSMENT OF 10.17-ACRES AS SHOWN ON TTM 32651, NORTHWEST OF THE INTERSECTION OF CHOLLA DRIVE AND HACIENDA AVENUE, CITY OF DESERT HOT SP[RINGS, RIVERSIDE COUNTY	ARCHEOLOGICAL ASSOCIATES	
RI-04846	NADB-R - 1086208	2004	WHITE, ROBERT S., LAURA S. WHITE, and JOHN A MINCH	ARCHAEOLOGICAL AND PALEONOLOGICAL ASSESSMENT OF 13.15-ACRES AS SHOWN ON TPM 32729, NORTHEAST CORNER OF LITTLE MORONGO ROAD AND TWO BUNCH PALMS TRAIL, CITY OF DESERT HOT SPRINGS, RIVERSIDE COUNTY	ARCHAEOLOGICAL ASSOCIATES	
RI-05188	NADB-R - 1086551	2004	TANIGUCHI, CHRISTEEN	LETTER REPORT: RECORDS SEARCH RESULTS, SITE VISIT AND INDIRECT APE HISTORIC ARCHITECTURAL ASSESSMENT FOR SPRINT TELECOMMUNICATIONS FACILITY RV60XC858A (IRWIN PROPERTY), PIERSON BOULEVARD, DESERT HOT SPRINGS, RIVERSIDE COUNTY, CALIFORNIA	MICHAEL BRANDMAN ASSOCIATES	33-014810
RI-05192	NADB-R - 1086555	2005	DICE, MICHAEL and JAY KEASLING	PHASE I CULTURAL RESOURCE SURVEY, NEGATIVE RESULTS AT THE EAGLE POINT PROJECT, APN NO. 664-190-004, -036, -037, AND -038, CITY OF DESERT HOT SPRINGS, CA	MICHAEL BRANDMAN ASSOCIATES	
RI-05193	NADB-R - 1086556	2005	MASON, ROGER	PHASE I ARCHAEOLOGICAL SURVEY REPORT FOR PROPERTY LOCATED AT THE NORTHEAST CORNER OF 13TH AVENUE AND LITTLE MORONGO DRIVE, DESERT HOT SPRINGS, RIVERSIDE COUNTY, CA	ECORP CONSULTING	

Report List

Report No.	Other IDs	Year	Author(s)	Title	Affiliation	Resources
RI-05599	NADB-R - 1086962	2004	WHITE, ROBERT S. and LAURA S. WHITE	ARCHAEOLOGICAL AND PALEONTOLOGICAL ASSESSMENTS OF TENTATIVE TRACT 32360, A 10.18-ACRE PARCEL LOCATED NORTHWEST OF THE INTERSECTION OF DESERT VIEW AVENUE AND CHOLLA DRIVE, CITY OF DESERT HOT SPRINGS, RIVERSIDE COUNTY	ARCHAEOLOGICAL ASSOCIATES	
RI-05650	NADB-R - 1087013	2005	DEMCAK, CAROL R.	REPORT OF PHASE I ARCHAEOLOGICAL ASSESSMENT FOR 10-ACRE PARCEL (APN 663-320-002), DESERT HOT SPRINGS, CA	ARCHAEOLOGICAL RESOURCE MANAGEMENT CORPORATION	
RI-06216	NADB-R - 1087579; Submitter - Project Number: CA-5306C	2006	Sean M. Thal	Letter Report: Proposed Cellular Tower Project(s) in Riverside County, California, Site Number(s)/Name(s): CA-5306C/ Little Morongo, TCNS #13289	EarthTouch, Inc.	
RI-06463	NADB-R - 1087828; Submitter - CONTRACT #1495	2004	TANG, BAI, MICHAEL HOGAN, MATTHEW WETHERBEE, and JOHN J. EDDY	HISTORICAL/ARCHAEOLOGICAL RESOURCES SURVEY REPORT, PIERSON BOULEVARD SEWER INTERCEPTOR, CITY OF DESERT HOT SPRINGS, RIVERSIDE COUNTY, CA	CRM TECH	
RI-06510	NADB-R - 1087877; Submitter - CONTRACT #1947	2006	TANG, BAI and MICHAEL HOGAN	HISTORICAL/ARCHAEOLOGICAL RESORUCES SURVEY REPORT, ASSESSOR'S PARCEL NO. 663-290-003, IN THE CITY OF DESERT HOT SPRINGS, RIVERSIDE COUNTY, CALIFORNIA	CRM TECH	
RI-06513	NADB-R - 1087880; Submitter - CONTRACT #1754A	2006	TANG, BAI, MICHAEL HOGAN, DEIRDRE ENCARNACION, and DANIEL BALLESTER	HISTORICAL/ARCHAEOLOGICAL RESOURCES SURVEY REPORT, GHA SINGLE-FAMILY RESIDENTIAL DEVELOPMENT, IN THE CITY OF DESERT HOT SPRINGS, RIVERSIDE COUNTY, CALIFORNIA	CRM TECH	
RI-06685	NADB-R - 1088052; Submitter - CONTRACT NO. 2009A	2007	TANG, BAI "TOM", MICHAEL HOGAN, CLARENCE BODMER, DANIEL BALLESTER, and LAURA H. SHAKER	HISTORICAL/ARCHAEOLOGICAL RESOURCES SURVEY REPORT: TENTATIVE TRACT MAP NO. 33548, IN THE CITY OF DESERT HOT SPRINGS, RIVERSIDE COUNTY, CALIFORNIA	CRM TECH	
RI-06765	NADB-R - 1088134	2006	DEMCAK, CAROL R.	REPORT OF PHASE I ARCHAEOLOGICAL ASSESSMENT FOR 4.77-ACRE PARCEL (APN 663-320-016), DESERT HOT SPRINGS, CALIFORNIA	ARCHAEOLOGICAL RESOURCE MANAGEMENT CORPORATION	

Report List

Report No.	Other IDs	Year	Author(s)	Title	Affiliation	Resources
RI-06781	Other - 05-06-05-1215	2006	McKenna, Jeanette A.	A Phase I Cultural Resources Investigation of the Asset Group, LLC Property (80 ac.) In the City of Desert Hot Springs, Riverside County, California	McKenna et. Al	
RI-07013		2005	Robert S. White and Laura S. White	Archaeological and Paleontological Assessments of TT 34041, a 19-Acre Parcel Located Northeast of the Intersection of West Drive and 15th Avenue, City of Desert Hot Springs, Riverside County	Archaelogical Associates	
RI-07292		2007	Bai Tom Tang and Michael Hoga	Historical/Archaeological Resources Survey Report: Assessor's Parcel Nos. 663-280-006 and -007 in the City of Desert Hot Springs, Riverside County, California	CRM TECH	
RI-07762		2007	Carol R. Demcak	Report of Phase I Archaeological Assessment for 4.77-Acre Parcel (APN 663-320-016), Flora Avenue and West Drive, Desert Hot Springs, California	Archaeological Resource Management Corporation	
RI-08898	Caltrans - 08-RIV-Desert Hot Springs; FPN DEMO6L 5384(015)	2012	Robert A. Rowe, Jennifer M. Sanka, Lora Holland, and William R. Gillean	Archaeological Survey Report Essential Phase III Road Improvements Project City of Desert Hot Springs, Riverside County, California, Caltrans Local Assistance Project 08-RIV-Desert Hot Springs; FPN DEMO6L 5384(015)	Atkins North America, Inc.	
RI-09019	Submitter - CRM TECH Project No. 2647	2013	Michael Hogan	Archaeological Monitoring Program, Mission Springs Water District Service Area F Sewer Improvement Project, Desert Hot Springs, Riverside County, California	CRM TECH	
RI-09363		2015	Bai "Tom" Tang and Michael Hogan	Phase I Historical/Archaeological Resources Survey Little Morongo and Kranshire Project Assessor's Parcel Number 663-270-004 City of Desert Hot Springs, Riverside County, California	CRM Tech	33-024248
RI-09368		2015	Bai "Tom" Tang, Michael Hogan, Deirdre Encarnacion, Salvadore Boites, and Nina Gallardo	Historical/Archaeological Resources Survey Report: GFarmaLabs Project, Assessor's Parcel nNos. 665-030-018 and -019, City of Desert Hot Springs, Riverside County, California	CRM TECH	
RI-09466		2015	Ben Kerridge, Daniel Ballester, and Nina Gallardo	Phase I Historical/Archaeological Resources Survey, Assessor's Parcel Number 663-270-006 and -007, City of Desert Hot Springs, Riverside County, California	CRM TECH	

Report List

Report No.	Other IDs	Year	Author(s)	Title	Affiliation	Resources
RI-09467		2015	Ben Kerridge, Daniel Ballester, and Nina Gallardo	Phase I Historical/Archaeological Resources Survey, Assessor's Parcel Number 663-270-005, City of Desert Hot Springs, Riverside County, California	CRM TECH	
RI-09469		2015	Terri Jacquemain, Daniel Ballester, and Nina Gallardo	Phase I Hostorical/Archaeological Resources Survey, Assessor's Parcel Numbers 663-280-008, -009, and -019, City of Desert Hot Springs, Riverside County, California	CRM TECH	
RI-09470		2015	Terri Jacquemain, Daniel Ballester, and Nina Gallardo	Phase I Historical/Archaeological Resources Survey, Assessor's Parcel Number 665-030-025, City of Desert Hot Springs, Riverside Country, California	CRM TECH	
RI-09475		2016	Jesse Yorck, Daniel Ballester, and Kaitlyn Sherman	Historical/Archaeological Resources Survey Report: Assessor's Parcel Number 663-280-002, City of Desert Hot Springs, Riverside County, California	CRM TECH	
RI-09478		2015	Jesse Yorck, Daniel Ballester, and Nina Gallardo	Historical/Archaeological Resources Survey Report: Assessor's Parcel Number 665-030-043, City of Desert Hot Springs, Riverside County, Califronia	CRM TECH	
RI-09494		2015	Terri Jacquemain, Daniel Ballester, and Nina Gallardo	Phase I Historical/Archaeological Resources Survey, Assessor's Parcel Number 663-280-018, City of Desert Hot Springs, Riverside County, California	CRM TECH	
RI-09498	Other - 665-030-041	2016	BAI TANG and MICHAEL HOGAN	HISTORICAL/ARCHAEOLOGICAL RESOURCES SURVEY REPORT; ASSESSORS PARCEL NUMBER 665-030-041 NR TRADING COMPANY PROJECT	CRM TECH	
RI-09512		2015	Ben Kerridge, Daniel Ballester, and Nina Gallardo	Historical/Archaeological Resources Survey Report: Assessor's Parcel Numbers 665-030-023 and -024, City of Desert Hot Springs, Riverside County, California	CRM TECH	
RI-09513		2015	Jesse Yorck, Daniel Ballester, and Nina Gallardo	Historical/Archaeological Resources Survey Report: Assessor's Parcel Number 665-030-037, City of Desert Hot Spings, Riverside County, California	CRM TECH	
RI-09549		2016	Jesse York, Ben Kerridge, Daniel Ballester, and Nina Gallardo	Historical/Archaeological Resource Survey Report: Assessor's Parcel Number 665-030-062, City of Desert Hot Springs, Riverside County, California	CRM Tech	

Report List

Report No.	Other IDs	Year	Author(s)	Title	Affiliation	Resources
RI-09550		2016	Bai "Tom" Tang, Mariam Dahdul, Daniel Ballester, and Nina Gallardo	Historical/Archaeological Resources Survey Report: Assessor's Parcel Number 665-030-036, City of Desert Hot Springs, Riverside County, California	CRM Tech	
RI-09557		2015	Bai "Tom" Tang and Michael Hogan	Historical/Archaeological Resources Survey Report, Assessor's Parcel Number 665-030-058	CRM Tech	
RI-09840		2016	Andrew Meyers and Wendy Blumel	Cultural Resources Investigation Of One Approximately 11-Acre Parcel In The City Of Desert Hot Springs Riverside County, California	ECORP Consulting, INC.	
RI-09844		2016	Hannah Hicok and Wendy Blumel	Cultural Resources Investigation of Two 2.5-Acre Parcels In The City Of Desert Hot Springs Riverside County California	ECORP Consulting Inc	
RI-09858		2016	Hannah Hicok and Wendy Blumel	Cultural Resources Investigation Of Two 1.07-Acre Parcels On 2 Bunch Palms Trail In The City Of Desert Hot Springs Riverside County, California	ECORP Consulting, INC.	
RI-09873		2016	Bai "Tom" Tang, Michael Hogan, Jesse Yorck, Daniel Ballester, and Nina Gallardo	Historical/ Archaeological Resources Survey Report Assessor's Parcel Number 665-060-006 City of Desert Hot Springs, Riveriside County, California	CRM TECH	
RI-09939		2016	Bai "Tom" Tang, Deirdre Encarnacion, Daniel Ballester, and Nina Gallardo	Historical/Archaeological Resources Survey Report: Assessor's Parcel Nos. 665-030-038, City Of Desert Hot Springs, Riverside County, California	CRM TECH	
RI-09968		2017	Brian F. Smith and Andrew J. Garrison	A Phase 1 Cultural Resources Assessment for the Marbella Villa Project	Brian F. Smith & Associates	
RI-10165	Other - CRM TECH Contract No. 3000	2016	Bai "Tom" Tang and Michael Hogan	Historical/Archaeological Resources Survey Report Assessor's Parcel Number 665-030-062	CRM TECH	
RI-10254		2010	Terri Jacquemain, Harry M. Quinn, Baniel Ballester, and Laura H. Shaker	Identification and Evaluation of Historic Properties: Mission Springs Water District, Groundwater Protection Pipeline Project, in and near the City of Desert Hot Springs, Riverside County, California	CRM TECH	
RI-10264		2018	Bai "Tom" Tang, Deirdre Encarnacion, Salvadore Boites, and Nina Gallardo	Historical/Archaeological Resources Survey Report: Dreamfields Project, Assessor's Parcel No. 665-030-059, City of Desert Hot Springs, Riverside County, California	CRM TECH	

Report List

Report No.	Other IDs	Year	Author(s)	Title	Affiliation	Resources
RI-10464	Other -	2017	Andrew Myers and Wendy Blumel	One 1.26-Acre Parcel in the City of Desert Hot Springs Riverside County, California	ECORP Consulting, Inc. Enviornmental Consultants	
RI-10488		2017	Andrew Myers and Wendy Blumel	One 6.19-Acre Project Area in the City of Desert Hot Springs Riverside County, California	ECORP Consulting, Inc.	

Resource List

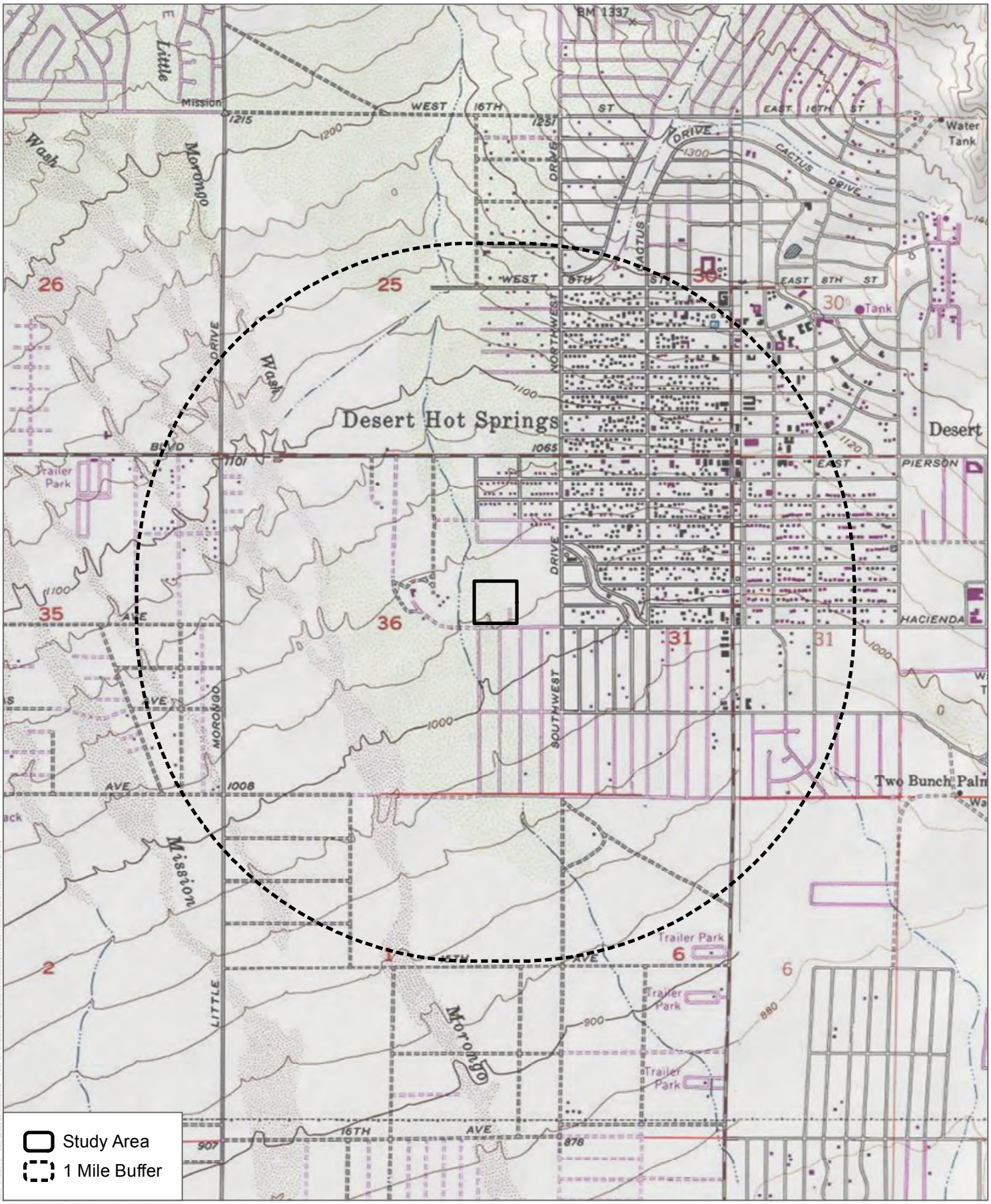
Primary No.	Trinomial	Other IDs	Type	Age	Attribute codes	Recorded by	Reports
P-33-006844				Historic		1983 (R. Adams, Riverside County Historical Comm.)	RI-10771
P-33-006845				Historic		1983 (R. Adams, Riverside County Historical Comm.)	
P-33-006848				Historic		1983 (J. Warner, Riverside County Historical Comm)	
P-33-006849				Historic		1983 (J. Warner, Riverside County Historical Comm.)	
P-33-006850				Historic		1983 (R. Adams, Riverside County Historical Comm.)	RI-10771
P-33-006887				Historic		1983 (J. Warner, Riverside County Historical Comm.)	
P-33-006888				Historic		1983 (J. Warner, Riverside County Historical Comm.)	
P-33-006889				Historic		1983 (J. Warner, Riverside County Historical Comm.)	
P-33-006890				Historic		1983 (J. Warner, Riverside County Historical Comm.)	
P-33-006891				Historic		1983 (R. Adams, Riverside County Historical Comm.)	
P-33-006892				Historic		1983 (J. Warner, Riverside County Historical Comm.)	
P-33-006893				Historic		1983 (J. Warner, Riverside County Historical Comm.)	
P-33-006894				Historic		1983 (J. Warner, Riverside County Historical Comm.)	
P-33-006895				Historic		1983 (J. Warner, Riverside County Historical Comm.)	
P-33-006896				Historic		1983 (J. Warner, Riverside County Historical Comm.)	
P-33-006897				Historic		1983 (J. Warner, Riverside County Historical Comm.)	
P-33-006898				Historic		1983 (J. Warner, Riverside County Historical Comm.)	
P-33-006899				Historic		1983 (J. Warner, Riverside County Historical Comm.)	

Resource List

Primary No.	Trinomial	Other IDs	Type	Age	Attribute codes	Recorded by	Reports
P-33-006900				Historic		1983 (J. Warner, Riverside County Historical Comm.)	
P-33-006901				Historic		1983 (J. Warner, Riverside County Historical Comm.)	
P-33-006902				Historic		1983 (J. Warner, Riverside County Historical Comm.)	
P-33-006903				Historic		1983 (J. Warner, Riverside County Historical Comm.)	
P-33-006904				Historic		1983 (J. Warner, Riverside County Historical Comm.)	
P-33-006905				Historic		1983 (J. Warner, Riverside County Historical Comm.)	
P-33-006906				Historic		1983 (J. Warner, Riverside County Historical Comm.)	
P-33-006907				Historic		1983 (J. Warner, Riverside County Historical Comm.)	
P-33-006908				Historic		1983 (J. Warner, Riverside County Historical Comm.)	
P-33-008409		Other - Palm Drive	Other	Historic	HP37	1998 (J. Brock, Archaeological Advisory Group)	RI-04086, RI-08553
P-33-014810				Historic		2004 (Taniguchi, Christeen, Michael Brandman Associates)	RI-05188
P-33-024248	CA-RIV-011907	Other - CRM TECH 2926-1H	Site	Historic	AH04	2015 (Michael Hogan, Sal Boites, CRM TECH)	RI-09363
P-33-026629	CA-RIV-012533	Other - CRM TECH 3150-2H	Object	Historic	AH04	(Salvador Boites, CRM Tech)	
P-33-026642	CA-RIV-012546	Other - MCP-S-1	Object	Historic	AH04	2017 (Jose "Pepe" Aguilar, Meridian Archaeological)	
P-33-026643	CA-RIV-012547	Other - MCP-S-2	Object	Historic	AH04	2017 (Jose "Pepe" Aguilar, Meridian Archaeological)	
P-33-026684	CA-RIV-012575	Other - CRM TECH 3150-1H	Site	Historic	AH04	2016 (Salvadore Boites, CRM TECH)	
P-33-026869		Other - MM-001-I	Other	Historic	AH16	2016 (Andrew Myers, ECORP Consulting, Inc.)	
P-33-026870		Other - MM-002-I	Other	Historic	AH16	2016 (Andrew Myers, ECORP Consulting, Inc.)	
P-33-026871		Other - MAD-001-I	Other	Historic	AH16	2016 (Hannah Hicok, ECORP Consulting, Inc.)	

Resource List

Primary No.	Trinomial	Other IDs	Type	Age	Attribute codes	Recorded by	Reports
P-33-028295	CA-RIV-012760	Other - CRM TECH 3385-1H	Site	Historic	AH04	2018 (Daniel Ballester, John Goodman, & Lacey Padilla, CRM TECH)	



SOURCE: USGS 7.5-Minute Series Seven Palms Valley & Desert Hot Springs Quadrangles
Township 2S, 3S; Range 5E, 4E; Sections 1, 2, 6, 25, 26, 30, 31, 35, 36

DUDEK

0 1,000 2,000 Feet
0 285 570 Meters
1:24,000

Records Search

DHS Corporate Yard Park

Appendix E

Phase I Environmental Site Assessment

Phase I Environmental Site Assessment
DESERT HOT SPRINGS CORPORATE YARD PARK
65810 Hacienda Avenue
Desert Hot Springs, California

Prepared for:

The City of Desert Hot Springs
11-999 Palm Drive
Desert Hot Springs, California 92240

Prepared by:

DUDEK
78-075 Main Street, Suite G-203
La Quinta, California 92253

Susan Smith, P.G.
Project Manager

OCTOBER 2019

Printed on 30% post-consumer recycled material.

Table of Contents

SECTION PAGE NO.

ACRONYMS AND ABBREVIATIONS III

1 EXECUTIVE SUMMARY 1

2 INTRODUCTION 5

2.1 Assessment Procedure and Scope of Investigation 5

2.2 Qualifications of Environmental Professionals 6

3 SITE LOCATION 7

4 ENVIRONMENTAL SETTING 9

5 INTERVIEWS 12

5.1 Site Representative Interview 12

5.2 User-Provided Information 12

5.3 Local Agency Records 13

5.3.1 City of Desert Hot Springs Building Department 13

5.3.2 Riverside County Department of Environmental Health 13

5.3.3 State Water Resources Control Board 13

5.3.4 South Coast Air Quality Management District 14

5.3.5 Department of Toxic Substances Control 14

5.3.6 National Pipeline Mapping Viewer 14

6 SITE RECONNAISSANCE 16

6.1 Summary of Observations 16

7 REVIEW OF HISTORICAL AERIAL PHOTOGRAPHS 21

8 REVIEW OF HISTORICAL TOPOGRAPHIC MAPS 24

9 SITE HISTORY 26

9.1 Fire Insurance Maps 26

9.2 City Directory 26

9.3 Review of Environmental Liens 27

9.4 Vapor Encroachment Condition 27

10 PUBLIC AGENCY RECORDS SEARCH REVIEW 28

10.1 Subject Property Listings 29

10.2 Nearby Property Listings 30

10.3 Unmapped Sites 30

11 POTENTIAL HAZARDS AND ENVIRONMENTAL CONCERNS 32

12 FINDINGS AND RECOMMENDATIONS 34

13 LIMITATIONS 36

14 REFERENCES 38

APPENDICES

A Qualifications of Environmental Professionals
B Historical Topographic Maps
C Regulatory Database Search Report
D Local Agency Records
E Site Photographs
F Historical Aerial Photographs
G Certified Sanborn Map Report
H City Directory Report
I Environmental Lien and AUL Search Report

FIGURES

1 Project Location 3
2 Subject Property 19

TABLES

1 Aerial Photographs 21
2 Topographic Maps 24
3 Site History 26
4 Regulatory Database Search 28

Acronyms and Abbreviations

Acronym/Abbreviation	Definition
APN	Assessor's Parcel Number
ASTM	American Society for Testing and Materials
EDR	Environmental Data Resources
ESA	Environmental Site Assessment
NPMS	National Pipeline Mapping System
pCi/L	pico curies per liter
REC	Recognized Environmental Condition

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1 Executive Summary

Dudek conducted a Phase I Environmental Site Assessment (ESA) for the property located at 65810 Hacienda Avenue in Desert Hot Springs, Riverside County, California (subject property) (Figure 1, Site Location). The subject property consists of approximately 10 acres of land located within five contiguous parcels. The Assessor Parcel Numbers (APNs) for the subject property include: 663-320-008, 663-320-009, 663-320-011, 663-320-020, and 663-320-014.

The findings of this investigation are based on historical aerial photographs, topographic maps, review of information contained in regulatory agency databases, available local agency records, interviews with site representatives, and a site reconnaissance.

Information gathered for this report indicated the following:

- The subject property was vacant, undeveloped land before 1953. The subject property was first developed as a corporate yard and animal shelter sometime after 1972 but before 1984.
- The subject property use has remained unchanged since it was first developed.
- Adjacent and nearby properties have included undeveloped land, residential housing, and a church.
- Two underground storage tanks were removed from the subject property in 2000. One soil sample collected from beneath a fuel dispenser contained petroleum hydrocarbons; subsequent drilling and sampling revealed no impacts and the case was closed with no further action required.
- Based on the documents reviewed, site inspection, and brief visual observation of neighboring properties, it is unlikely that adjacent or nearby properties have impacted the environmental conditions at the subject property.

This assessment revealed one controlled recognized environmental condition at the subject property; no evidence of recognized environmental conditions (REC) were identified in connection with the subject property.

Dudek performed this Phase I ESA of the subject property in conformance with the scope and limitations of the American Society for Testing and Materials (ASTM) Practice E1527-13. This report summarizes the research and findings of the Phase I ESA.

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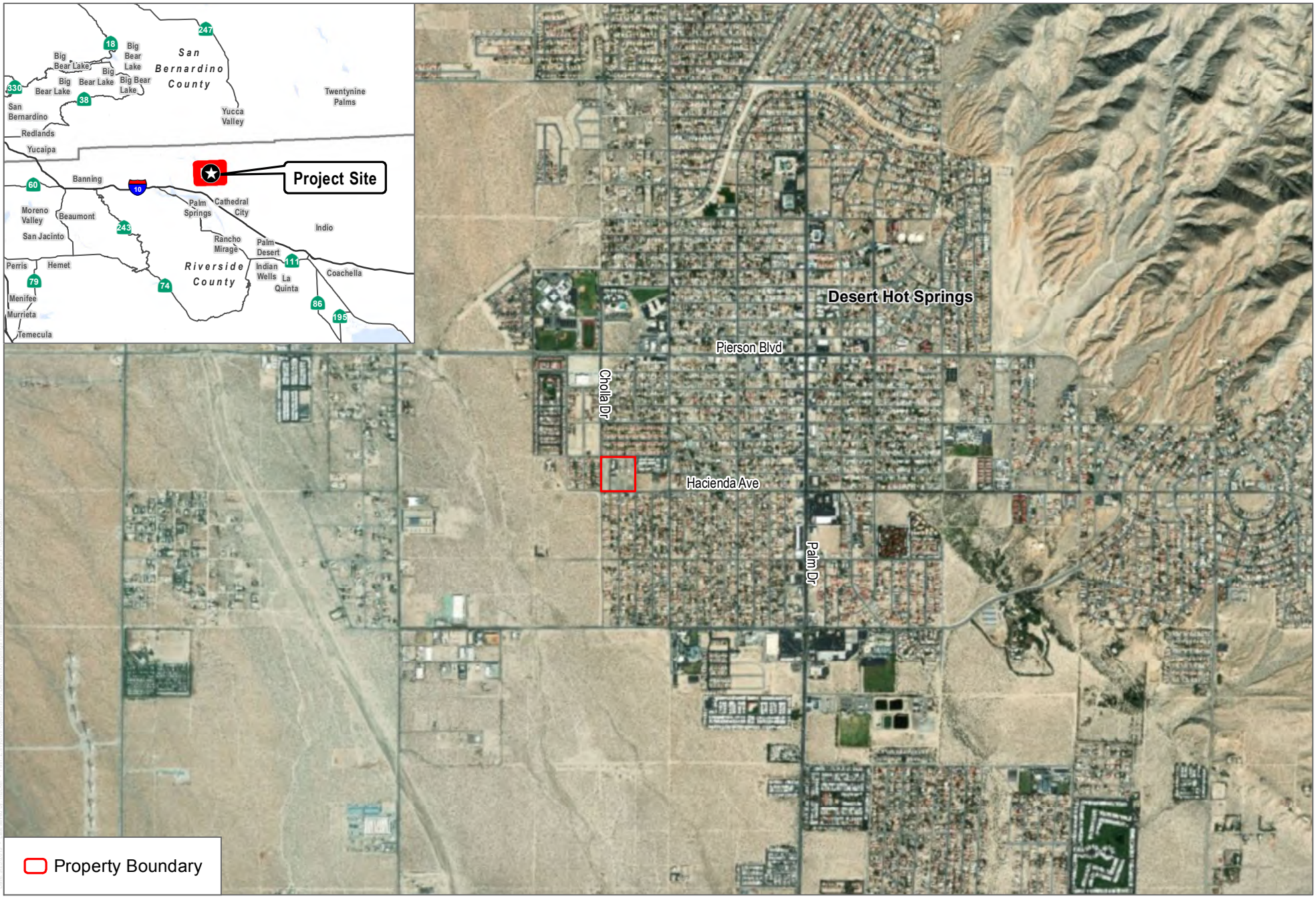

SOURCE: Bing Maps

DUDEK

0 1,250 2,500 Feet

FIGURE I

Project Location

DHS Coorporate Yard Phase I

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2 Introduction

This Phase I ESA was performed according to the guidelines stipulated in the ASTM Standard E 1527-13, "Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process." The subject property is located at 65810 Hacienda Avenue in Desert Hot Springs, Riverside County, California (Figure 1). The subject property consists of five contiguous parcels with APNs (APNs) 663-320-008, 663-320-009, 663-320-011, 663-320-020, and 663-320-014.

This Phase I ESA is being conducted for the City of Desert Hot Springs as part of the due diligence prior to the redevelopment of the subject property.

2.1 Assessment Procedure and Scope of Investigation

Phase I ESAs assist in identifying past and present land use, including identification of possible releases or disposal of manufacturing or other wastes if such information is contained within regulatory reports or files, and/or is currently visible on site. The assessment reviews local, county, state, and U.S. Environmental Protection Agency lists of known or potentially hazardous waste sites, landfills, and sites currently under investigation for environmental violations that may be of concern to a site.

The scope of this environmental investigation consisted of (1) a reconnaissance of the subject property; (2) a search of regulatory agency records; (3) review of available historical aerial photographs, topographic maps, Sanborn fire insurance maps, City Directory listings, and building department records; (4) an environmental lien search; (5) interview of a representative of the property owner; and (6) preparation of this Phase I ESA report detailing the findings of the investigation.

These activities were conducted to identify RECs. The term "recognized environmental condition" means the presence or likely presence of any hazardous substances or petroleum products on the subject property under conditions that indicate an existing release, a past release, or a material threat of a release into the ground, groundwater, or surface water.

The term "controlled recognized environmental condition" (controlled REC) is an environmental condition that would have been considered a REC in the past, but which has been remediated and received risk-based closure by a regulatory agency (i.e., no further action letter) where residual contamination remains in place. Furthermore, the term controlled REC is used if the property is subject to a control or use restriction (i.e., property use restrictions, activity and use limitations, institutional controls, or engineering controls) due to residual on-site contamination.

The term "historical recognized environmental condition" (historical REC) is an environmental condition that would have been considered a REC in the past, but which has been remediated and received unrestricted residential use closure by the regulatory agency. Therefore, no controls or use restrictions have been applied to the property.

The term "recognized environmental condition" is not intended to include *de minimis* conditions. *De minimis* conditions are conditions that generally do not present a material risk of harm to public health or the environment, and thus would not be the subject of an enforcement action if brought to the attention of governmental agencies.

2.2 Qualifications of Environmental Professionals

This Phase I ESA was prepared by Marcelo Azevedo, geologist, and Susan Smith, geologist. Qualifications for Ms. Smith, and Mr. Azevedo are presented in Appendix A.

I, Susan Smith, declare that, to the best of my professional knowledge and belief, I meet the definition of environmental professional as defined in Section 312.10 of 40 Code of Federal Regulations 312. I have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the subject property. I have developed and performed all appropriate inquires in conformance with the standards and practices set forth in 40 Code of Federal Regulations Part 312.

3 Site Location

The subject property consists of approximately 10 acres of land located within five contiguous parcels of land (APNs 663-320-008, 663-320-009, 663-320-011, 663-320-020, and 663-320-014). The subject property is located at 65810 Hacienda Avenue in Desert Hot Springs, Riverside County, California (Figure 1). Approximately 1/3 of the subject property is developed as a Corporate Yard and animal shelter; the remaining 2/3 of the subject property consists of vacant, undeveloped land.

The subject property is accessed via a driveway located off of Hacienda Boulevard to the south. The subject property is bound to the west by Cholla Drive then residential housing, to the north by Flora Avenue then residential housing, to the south by Hacienda Avenue then residential housing, and to the west by an apartment complex and vacant, undeveloped land.

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4 Environmental Setting

The subject property is located in the Coachella Valley Region of California and it is nestled between two mountain ranges – the San Bernardino and San Jacinto Mountains. The subject property is located in the Colorado Desert region of the Sonoran Desert. The Big Morongo Wash is located approximately 1 mile west of the subject property. The Big Morongo Canyon Preserve is located approximately 5 miles north of the subject property.

General topographic information for the subject property and the surrounding area was obtained from a review of topographic maps and from a site visit. The topography of the subject property is gently sloped towards the south-southeast (Appendix B, Historical Topographic Maps). The subject property is at an elevation of 1,028 feet above mean sea level.

No subsurface geologic investigations were performed as part of this Phase I ESA. According to the Environmental Data Resources (EDR) Report, the dominant soils in the vicinity of the subject property are mapped as the Carsitas unit which consists of a fine sand with very rapid infiltration rates.

Based on sources searched by EDR, one public water supply well was mapped within 1 mile of the subject property. Fourteen water wells were identified within a 1-mile radius of the subject property (Appendix C, Regulatory Database Search Report). The depth to water was not included for any of the wells identified in the EDR Report. According to the California Department of Water Resources Well Completion Report Map (DWR 2019), there are 12 well completion reports in the vicinity of the subject property (Township 02S; Range 04E; Sections 8, 16, 17, 23, 24, 25, 27, 30, 34 and 36) (Appendix D, Local Agency Records). The well completion reports were dated from 1949 to 2004 and the wells were designated for irrigation, domestic supply, industrial, and cathodic protection uses. Water levels ranged from 150 to 860 feet below ground surface. The information and drawings provided in the reports indicate that the wells depicted on the California Department of Water Resources Well Completion Report Map were not located on the subject property. Based on information from a site located approximately 1 mile southeast of the subject property, in 2010 the depth to groundwater ranged from 238 to 241 feet below ground surface with a gradient of 0.02 ft/ft toward the south-southeast. In addition, one monitoring well was observed on the subject property during the site reconnaissance; no additional information was provided for this well.

Dudek reviewed the California Division of Oil, Gas, and Geothermal Resources online database, which has information for known oil and gas wells in the state, for wells on or near the subject property (DOGGR 2019). According to this database there are 3 geothermal wells within one mile of the subject property. Two wells are located at approximately 1 mile to the northeast and one well located approximately 0.6 mile to the southeast of the subject property. There are no oil and gas wells on the subject property or within 1 mile of the subject property.

As per Federal Emergency Management Agency, National Flood Hazard Layer Viewer, the subject property is located within a minimum flood hazard zone. (FEMA 2019).

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5 Interviews

5.1 Site Representative Interview

On August 14, 2019, Susan Smith of Dudek interviewed the representative of the subject property, Daniel Porras. Mr. Porras stated that the subject property is currently used as a city yard and animal shelter. Mr. Porras stated that prior to the aforementioned development that the subject property was vacant, undeveloped land. Mr. Porras stated that the use of the subject property has not changed since it was first developed.

Mr. Porras stated that new and used oil are stored in 55-gallon drums on the subject property. There are currently two aboveground storage tanks that are used to store unleaded gasoline and diesel fuel for city vehicles. Mr. Porras stated that two underground storage tanks were previously located on the subject property; the tanks were removed and the regulatory agency closed the case.

Mr. Porras stated that he is not aware of any environmental lawsuits, environmental liens, or activity and land use limitations related to environmental issues.

5.2 User-Provided Information

In accordance with ASTM Standard E1527-13, Dudek posed questions to the user of this Phase I ESA, the City of Desert Hot Springs. As of the date of this report, Dudek has not received answers to these following questions:

1. Are you aware of any environmental cleanup liens against the property that are filed or recorded under federal, tribal, state, or local law?
2. Are you aware of any activity and land use limitations, such as engineering controls, land use restrictions, or institutional controls that are in place at the site and/or have been filed or recorded in a registry under federal, tribal, state, or local law?
3. As the user of this ESA, do you have any specialized knowledge or experience related to the property or nearby properties? For example, are you involved in the same line of business as the current or former occupants of the property or an adjoining property so that you would have specialized knowledge of the chemicals and processes used by this type of business?
4. If the purchase price of the subject property was below fair market value, did this occur because contamination was/is known or believed to be present at the property?
5. Are you aware of commonly known or reasonably ascertainable information about the property that would help the environmental professional to identify conditions indicative of releases or threatened releases? For example, as user, a) Do you know the past uses of the property, b) do you know of specific chemicals that are present or once were present at the property, c) do you know of spills or other chemical releases that have taken place at the property, d) or do you know of any environmental cleanups that have taken place at the property?
6. As the user of this ESA, based on your knowledge and experience related to the property are there any obvious indicators that point to the presence or likely presence of contamination at the property?

5.3 Local Agency Records

5.3.1 City of Desert Hot Springs Building Department

Dudek contacted the City of Desert Hot Springs Building Department to obtain information on building permits associated with the subject property. The City of Desert Hot Springs Building Department responded on October 7, 2019, indicating that they do not have any records of permits for the subject property (Appendix D).

5.3.2 Riverside County Department of Environmental Health

Dudek contacted the Riverside County Department of Environmental Health (EHD) to obtain information about spills, tanks, or chemicals used that may have impacted the environmental conditions on the subject property. The EHD responded that they had records relevant to the request. Dudek reviewed the records on September 17, 2019. The records contained information about hazardous materials inspections, underground storage tanks, and aboveground storage tanks at the subject property. Violations included in the records were mostly administrative in nature (lack of an updated Hazardous Materials Business Plan). Additional violations were noted for the hazardous waste storage (labeling, water in secondary containment, open containers of used oil, and exceeded accumulation dates). The records indicated that two steel USTs (1,000-gallon diesel and 3,000-gallon unleaded gasoline) were installed at the subject property in 1981. UST inspection reports revealed that the tanks passed integrity testing requirements. The USTs were removed in 2000; the UST removal is discussed in more detail in Section 10.1.

5.3.3 State Water Resources Control Board

Dudek searched GeoTracker, the State Water Resources Control Board's data management system, for sites that impact, or have the potential to impact water quality in California, with emphasis on groundwater. Records include sites that require cleanup, various unregulated projects, and permitted facilities (GeoTracker 2019). One listing associated with the subject property was identified on the GeoTracker database; additional details are presented in Section 10.1. No other sites were identified within 0.5 miles of the subject property.

5.3.3.1 Subject Property

The subject property address, 65810 Hacienda Avenue, was identified in the LUST GeoTracker database. On August, 5 2000 the site's cleanup status was considered completed and the case was closed. Additional information about the listing is presented in Section 10.1.

Dudek also contacted the State of California Colorado River Regional Water Quality Control Board to obtain any records of spills, releases, or any other incidents that may have impacted the environmental conditions of the subject property. The State of California Colorado River Regional Water Quality Control Board responded on August 26, 2019 with records for the subject property; after review, the records provided are the same records available on GeoTracker (Appendix D).

5.3.4 South Coast Air Quality Management District

Dudek contacted the South Coast Air Quality Management District (SCAQMD) to obtain records pertaining the subject property. The SCAQMD responded on August 22, 2019 with the following records associated to the subject property:

- A Fuel Storage and Dispensing Facility Permit to Operate from 1996: Permission to operate one gasoline UST with 3,000 gallons capacity and one Diesel UST with 1,000 gallons capacity.
- A Fuel Storage and Dispensing Facility Permit to Operate from 2002 and 2012: Permission to operate one gasoline AST with 3,000 gallons capacity.

5.3.5 Department of Toxic Substances Control

Dudek contacted the Department of Toxic Substances Control to obtain any records pertaining to the subject property. The Department of Toxic Substances Control responded on August 9, 2019, indicating that they do not have any records for the subject property (Appendix D). Dudek also searched EnviroStor database management system used for tracking cleanup, permitting, enforcement, and investigation efforts at hazardous waste facilities and sites with known contamination. Two sites were identified within 0.5 mile of the subject property; (EnviroStor 2019); these sites were also identified in the EDR Report and are discussed in Section 10.2.

5.3.6 National Pipeline Mapping Viewer

Dudek consulted the National Pipeline Mapping System (NPMS) online database. The NPMS provides a public map viewer application that displays data related to gas transmission and hazardous liquid pipelines, liquefied natural gas plants, and breakout tanks under Department of Transportation Pipeline and Hazardous Material Safety Administration jurisdiction (Appendix D) (NPMS 2019).

Dudek identified following information from NPMS Public Viewer:

- An active natural gas transmission pipeline, operated by PG&E, runs along the Golden state Highway 10, approximately 3.9 miles southwest of the subject property.
- An active hazardous liquid pipeline runs along the Golden State Highway 10, approximately 4.0 miles southwest of the subject property.
- An active natural gas transmission pipeline, operated by PG&E, runs along the state Highway 62, approximately 3.7 miles northwest of the subject property.
- There are no accidents or incidents identified on or within 1 mile of the subject property.

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6 Site Reconnaissance

A site reconnaissance was conducted on August 14, 2019 by Susan Smith of Dudek. The site reconnaissance consisted of walking the subject property, including inspection of structures where possible, recording observations, and taking photographs. A site features map is included as Figure 2, Subject Property, and photographs are included in Appendix E.

The subject property is comprised of approximately 10 acres of land within APNs 663-320-008, 663-320-009, 663-320-011, 663-320-020, and 663-320-014 and is located at 65810 Hacienda Avenue, Desert Hot Springs, Riverside County, California (Figure 1). The subject property is and accessed via a driveway located on Hacienda Avenue (Figure 2).

Approximately 1/3 of the subject property is developed as a Corporate Yard and animal shelter; the remaining 2/3 of the subject property consists of vacant, undeveloped land (Photographs 1 through 5). A construction staging area is located on the northeastern portion of the subject property (Photograph 6). A waste segregation area is located to the west of the construction staging area (Figure 2; Photograph 7); this area is used to segregate waste collected by the City from illegal dumping activities. There are three structures located to the east of the animal shelter; these buildings are used for general storage and offices (Photograph 8).

The subject property is bound to the north by Flora Avenue then residential housing (Photograph 9), to the south by Hacienda Avenue then residential housing (Photograph 10), to the east by an apartment complex and vacant land (Photograph 11), and to the west by Cholla Drive then residential housing (Photograph 12).

6.1 Summary of Observations

Surface Water Discharge

The subject property slopes gently toward the south-southeast.

Pits, Ponds, or Lagoons

No pits, ponds or lagoons were observed on the subject property.

Distressed Vegetation

Distressed vegetation was not observed on the subject property during the site reconnaissance.

Indications of Solid Debris Storage

Asphalt grindings from various operations were stored in piles on the northeastern portion of the subject property in a construction staging area (Photograph 13). A pile of asphalt grindings was observed in the northern portion of the subject property, north of the fuel ASTs (Photograph 14). A pile of clean sand was observed on the central portion of the Corporate Yard portion of the subject property (Photograph 15). There were no other indications of solid debris storage observed on the subject property.

Chemical Storage or Use

Chemicals such as gasoline, diesel, motor oil, and transmission fluid were observed in containers greater than 5 gallons on the subject property (Photograph 16). Smaller quantities of chemicals (compressor oil, gear oil, engine oil) were observed in flammable materials cabinets located in the shop area (Photographs 17 and 18). Multiple containers of paint were observed in the Paint Shop portion of the subject property (Photograph 19). All storage containers appeared to be in good condition and the storage areas were free of staining.

Used oil and used oil filters were stored in a cement-bermed, covered waste storage area (Photograph 20). Minor staining was observed within the cement-bermed area but not outside of the waste storage area.

An out-of-service compressed natural gas station was observed in the northwest corner of the Corporate Yard (Photograph 21).

Pools of Liquid

No unnaturally discolored pools or flowing water were observed on the subject property.

Groundwater Wells, Cisterns, Cesspools, or Septic Tanks

One monitoring well was observed on the southwestern portion of the subject property (Photograph 22). The well reportedly is owned by the local water district (Mission Springs Water District). No cisterns, cesspools, or septic tanks were observed located on the subject property.

Drains and Sumps

No drains or sumps were observed on the subject property.

Transformers and Hydraulic Equipment

Three pole-mounted transformers were observed on the northwestern portion of the subject property, adjacent to the fuel ASTs (Photograph 23). The transformers appeared to be in good condition and free of staining. A hydraulic vehicle lift is reportedly located in the garage area of the subject property; the reservoirs are below grade but were reportedly in good condition (Photograph 24).

Abnormal Odor

No abnormal odors on the subject property were noticed during the site reconnaissance.

Soil Disturbances

No abnormal soil disturbances on the subject property were observed during the site reconnaissance.

Storage Tanks

Two ASTs (one 1,000-gallon diesel and one 3,000-gallon gasoline) were observed on the western side of the Corporate Yard portion of the subject property (Photographs 25 through 27). A backup generator with a diesel

tank was observed to the north of the shop building (Photograph 28). No staining was observed in the vicinity of any tanks on the subject property.

Pipelines

No pipelines or pipeline markers were observed on the subject property.

Staining

No stained soil was observed on the subject property during the site reconnaissance.

SOURCE: Bing Maps

DUDEK

0 80 160 Feet

FIGURE 2

Site Features

DHS Coorporate Yard Phase I

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7 Review of Historical Aerial Photographs

Dudek reviewed historical aerial photographs obtained from EDR for 1953, 1955, 1972, 1984, 1996, 2002, 2005, 2009, 2012, and 2016 (Appendix F). The photographs provided background information to assess the possibility of past activities that could present environmental concerns.

The aerial photographs are described in Table 1.

Table 1. Aerial Photographs

Date	Description
1953	The subject property appears to be vacant, undeveloped land. A dirt road running east-west (present day Hacienda Avenue) appears to the south of the subject property. The surrounding area also appears as vacant and undeveloped land. Some housing developments are present to the east of the subject property.
1955	No apparent changes are observed on the subject property as compared to the 1953 aerial photograph. New roads appear to the north, east and southeast of the subject property. More development appears to the east and northeast of the subject property.
1972	No apparent changes are observed on the subject property as compared to the 1955 aerial photo. Two new dirt roads appears on the southern portion of the subject property. New housing developments appear to the south and southeast of the subject property. The area to the north and to the east appears to be more developed when compared to the 1955 areas photograph. The road running east-west (present day Pierson Boulevard), located north of the subject property, appears to be wider when compared to the 1955 aerial photograph.
1984	A graded area and several new structures appears on the northern portion of the subject property. Two new dirt roads appear to the west and to the north of the subject property. One new dirt road appears to the south of the subject property, giving access to the subject property. The immediately adjacent areas to the east, north and west of the subject property still vacant and undeveloped land. New housing developments appear in the area adjacent and south of the subject property. The surrounding areas to the north, east, and south appears to be more developed when compared to the 1972 aerial photograph.
1996	An asphalted road now gives access to the subject property form Hacienda Boulevard located adjacent and to the south. Additional structures are present on the graded and asphalted area on the northwestern part of the subject property. New developments appear adjacent to and south of the subject property. A new graded area and new structures appear to the east of the subject property. The immediately adjacent area to the east, north, and west still appear to be vacant and undeveloped land. Further development appears adjacent and to the south of the subject property.
2002	A larger area of the subject property appears to be graded and cleared of vegetation. One of the roads on the southern portion of the property appears to be asphalted. No apparent changes are observed in the areas immediately adjacent and to the east, north, and west of the subject property. Additional housing developments appear in the area adjacent and to the south of the subject property.
2005	A new road (present day Flora Avenue) and new block of housing development appears adjacent and to the north of the subject property. Additional structures appear within the new graded area in the subject property.

Table 1. Aerial Photographs

Date	Description
2009	No apparent changes are observed within the subject property when compared to the 2005 aerial photograph. New developments appear adjacent to and to the west and northwest of the subject property. A new road appears running north/south (present day Cholla Drive) and parallel to the western boundary of the subject property.
2012	No apparent changes are observed within the subject property when compared to the 2009 aerial photograph. New developments appear adjacent and to the east of the subject property.
2016	No apparent changes are observed when compared to the 2006 aerial photograph.

Note: See Appendix F for corresponding EDR photographs.

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8 Review of Historical Topographic Maps

Dudek reviewed historical topographic maps from 1901, 1940/1941, 1944, 1955/1958, 1957/1958, 1972, 1978, and 2012 (Appendix B). The topographic maps are a historical source that can be used to document the prior use of the subject property and surrounding area.

The topographic maps are described in Table 2.

Table 2. Topographic Maps

Date	Scale	Description
1901	1:125,000	The subject property and surrounding area appear to be vacant land.
1940/1941	1:62,500	No apparent changes are observed on the subject property. New roads are present to the east and northeast of the subject property. A light duty road running north south is present to the west northwest of the subject property.
1944	1:62,500	No apparent changes are observed on the subject property and surrounding area when compared to the 1941 topographic map.
1955/1958	1:24,000	A light duty road running north/south is depicted on the southern portion of the subject property. The subject property is depicted as a vacant and undeveloped land. A new light duty road (present day Hacienda Avenue) appears adjacent to the south of the subject property. A creek is depicted running through the southwest corner of the subject property. A new light duty road and some small structures are observed east of the subject property. New roads and additional housing developments are present to the north, east and southeast of the subject property.
1957/1958	1:62,500	There are no apparent changes as compared to the 1955/1958 topographic map.
1972	1:24,000	An additional light duty road running north/south is depicted on the southeastern portion of the subject property. Additional roads appear to the south of the subject property. Further housing developments appear to the north, east, and southeast of the subject property.
1978	1:24,000	The subject property is depicted as vacant and undeveloped land. Further development with new structures appear to the north, east and southeast of the subject property.
2012	1:24,000	An asphalted road is depicted on the southern portion of the subject property. A new road running north/south appear adjacent and to the west of the subject property. A new road running east/west appears adjacent and to the south of the subject property.

Note: See Appendix B for corresponding maps.

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9 Site History

This site history is based on a review of historical aerial photographs, historical topographic maps, and interviews.

The subject property was a vacant land since before 1953. The subject property is currently developed as a corporate yard and animal shelter for the City of Desert Hot Springs.

The information obtained from review of these historical use records is summarized in Table 3.

Table 3. Site History

Period	Subject Property	Adjoining Area	Source	Comment
1953 - 1972	The subject property is depicted as vacant, undeveloped land.	Surrounding properties were also primarily vacant land.	AP, TM	The scale of the topographic maps do not show fine detail.
1972–1984	The subject property is vacant, undeveloped land.	Properties in the immediate vicinity of the subject property are vacant and undeveloped land, A grid of minor roads appear to the south of the subject property.	AP, TM	None
1984 - 2002	The subject property is developed with a graded and asphalted area with multiple structures.	Surrounding properties were primarily vacant, except for the adjoining property to the south where appear to be a housing development.	AP, TM	None
2002 - 2016	The subject property is developed with a graded and asphalted area with multiple structures.	Surrounding properties appear to be housing developments	AP, TM	None

Notes:
Historical aerial photographs (AP)
Historical topographic maps (TM)

9.1 Fire Insurance Maps

Historical Sanborn fire insurance maps were requested from EDR. Sanborn maps provide information regarding the historical uses of the subject property and surrounding properties. Sanborn maps typically exist for cities with populations of 2,000 or more; the coverage is dependent on the location of the subject site within the city limits. The Sanborn Map Report lists the subject property as an unmapped property; no additional information was included in the report (Appendix G, Certified Sanborn Map Report).

9.2 City Directory

City directory listings were requested from EDR (Appendix H, City Directory Report). The city directory search was conducted for the subject property, addressed as 65810 Hacienda Avenue, Desert Hot Springs, California. The subject property was not listed in the EDR database search (Appendix H, City Directory Report). With the exception of a church, surrounding property listings are residential.

9.3 Review of Environmental Liens

An environmental lien search is required to satisfy the requirements of the "All Appropriate Inquiries Rule for CERCLA [Comprehensive Environmental Response, Compensation and Liability Act]" liability. A lien search was conducted as part of this Phase I ESA for APNs 663-320-008, 663-320-009, 663-320-011, 663-320-020, and 663-320-014, No environmental liens or activity and use limitations were identified with the parcels searched (Appendix I, Environmental Lien Search Report).

9.4 Vapor Encroachment Condition

Dudek evaluated vapor encroachment to determine whether there is a potential for vapors originating from contaminated soil and/or groundwater to occur in the subsurface below the existing and potential future on-site structures.

The EDR Records Search was used to evaluate listed contaminated sites as identified in federal, state, and local databases. Information obtained from other sources (historical reports, geologic and hydrogeological information, site reconnaissance, interviews, local regulatory agency responses), as discussed in this report, were also considered.

The EDR vapor encroachment worksheet is used to evaluate types of soils, geology, and hydrology as well as listed contaminated sites as identified in federal, state, and local databases. Dudek reviews the findings in the worksheet and determines if a VEC does or does not exist. The table below presents a summary of the VEC findings.

Summary of Vapor Encroachment Condition Findings

Potential for Vapor Intrusion on Subject Property	
Areas of Concern	*Conclusion*
Subject Property (existing conditions)	VEC does not exist.
Subject Property (former condition)	VEC exists.
Adjoining property or nearby property operations or existing conditions	VEC does not exist.
Historical uses of adjoining property or nearby properties	VEC does not exist.
Regulatory review of sites identified on federal, state, and local databases	VEC does not exist.

As discussed in Section 10.1, petroleum hydrocarbon impacts were identified in one shallow soil sample collected in 2000 during underground storage tank removal. A subsequent investigation revealed no subsurface impacts from a location approximately 5 feet away from the original sample location. Based on the limited extent and age of the release (almost 20 years), the VEC associated with the former conditions at the subject property does not present a current VEC for the subject property. Based on the findings of the EDR Vapor Encroachment Screening worksheet, there are no listed sites near the subject property that create a VEC (Appendix J).

10 Public Agency Records Search Review

The regulatory database search gives a listing of sites within up to a 1-mile radius of the subject property ("target property" is the term used by EDR) that are known to be chemical handlers, hazardous waste generators, or have reported releases of hazardous substances or petroleum products. Information in these listings includes the location of the site relative to the subject property, type of potential environmental concern present, and the status of the site. In August 2019, EDR conducted the database search for this Phase I ESA; the report is included in Appendix C.

The following sections list the databases that were searched and search distances from the subject property. The regulatory databases identified in Table 4 were included in this search.

Table 4. Regulatory Database Search

Acronym	Database	Search Distance	Subject Property Listed?	Number of Surrounding Sites Listed
NPL	National Priorities List (including proposed NPL sites and NPL Liens [target property only])	1 mile	No	0
Delisted NPL	National Priority List Deletions	1 mile	No	0
CERCLIS -SEMS	Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) – Superfund Enterprise Management System	0.5 miles	No	0
CERCLIS NFRAP	CERCLIS No Further Remedial Action Planned	0.5 miles	No	0
CORRACTS	Resource Conservation and Recovery Act (RCRA) Corrective Action	1 mile	No	0
RCRA TSDF	RCRA - Transportation, Storage, and Disposal Facilities	0.5 miles	No	0
RCRA GEN	RCRA registered small or large quantity generators of hazardous waste	0.25 miles	No	0
RCRA-LQG	RCRA Large Quantity Generators	0.25 miles	No	0
RCRA-SQG	RCRA Small Quantity Generators	0.25 miles	No	0
RCRA-CESQG	RCRA Conditionally Exempt Small Quantity Generators	0.25 miles	No	0
RCRA NonGen/NLR	RCRA Handlers, but not generators, of hazardous waste	0.25 miles	No	1
ERNS	Emergency Response Notification System	Target Property	No	0
US ENG CONTROLS	Sites with Engineering Controls	0.5 miles	No	0
US INST CONTROLS	Sites with Institutional Controls	0.5 miles	No	0
RESPONSE	State- and Tribal-Equivalent NPL	1 mile	No	0
ENVIROSTOR	State- and Tribal-Equivalent CERCLIS	1 mile	No	2
SWF/LF	State and Tribal Landfill and/or Solid Waste Disposal Site	0.5 miles	No	0
LUST	State Leaking Underground Storage Tank	0.5 miles	Yes	0
CPS-SLIC	Spills, Leaks, Investigations, and Cleanups	0.5 miles	No	0
Indian LUST	Tribal Leaking Underground Storage Tank	0.5 miles	No	0

Table 4. Regulatory Database Search

Acronym	Database	Search Distance	Subject Property Listed?	Number of Surrounding Sites Listed
UST	State and Tribal Registered Underground Storage Tank	0.25 miles	No	0
AST	State and Tribal Registered Aboveground Storage Tank	0.25 miles	Yes	0
Indian UST	Registered Underground Storage Tank on Tribal Land	0.25 miles	No	0
FEMA UST	FEMA-owned Registered Storage Tank	0.25 miles	No	0
LUCIS	Institutional Control/Engineering Control	0.5 miles	No	0
Indian VCP	Voluntary Cleanup on Tribal Land	0.5 miles	No	0
VCP	State and Tribal Voluntary Cleanup	0.5 miles	No	0
US Brownfields	State and Tribal Brownfields	0.5 miles	No	0
HIST UST	Historical Underground Storage Tank	0.25 miles	No	0
HIST CORTESE	Historical Hazardous Waste and Substances List	0.5 miles	No	0
RGA LUST	Recovered Government Archives Leaking Underground Storage Tank	Target Property	Yes	0
INDIAN RESERVATION	Indian Reservations	1 mile	No	0
Additional Environmental Records, including local lists		Varies	Yes	3

Note: Refer to Appendix C.

10.1 Subject Property Listings

The subject property is listed in eleven different databases. The subject property is reported in the database listings as City of Desert Hot Springs and Desert Hot Springs City Yard. The listings include: LUST, CERS HAZ WASTE, SWEEPS UST, RGA LUST, CERS TANKS, CA FID UST, CERS, HAZNET, AST, and FINDS databases. The LUST database contains information about known releases. A release of gasoline was reported in 2000 during the removal of two underground storage tanks at the subject property. Upon the removal, soil samples were collected from beneath the USTs and the two dispensers. All of the soil samples, with the exception of two soil samples (one beneath the diesel dispenser and one beneath the gasoline dispenser), were reported to have no detections of petroleum hydrocarbons or related compounds. The soil sample collected beneath the diesel dispenser (2 feet below ground surface) had a total petroleum hydrocarbons as diesel of 31 milligrams per kilogram (mg/kg). The soil sample collected beneath the gasoline dispenser (2 feet below ground surface) had a total petroleum hydrocarbons as gasoline concentration of 860 mg/kg. In June 2000 one boring was drilled within 5 feet of the gasoline dispenser to further investigate the impacted soil. The boring was drilled to a depth of 30 feet and soil samples were taken at a 5 foot intervals. Total petroleum hydrocarbons as gasoline, benzene, toluene, ethylbenzene, xylenes, and methyl tert-butyl ether were not detected in any of the soil samples collected. In August 2000, the regulatory agency recommended no further action at the site and the case was closed. Based on the findings of the investigation, the impacted soil beneath the dispenser is limited in extent and is not considered to be a threat to human health or the environment.

The other database listings track information on sites that handle hazardous materials or generate hazardous waste but do not indicate an uncontrolled release of hazardous substances to the environment.

10.2 Nearby Property Listings

A total of six nearby sites were listed in the database search report.

Two of the six listings were in the databases that track information on sites that handle hazardous materials or generate hazardous waste, but do not necessarily indicate an uncontrolled release of hazardous substances to the environment.

Two of the six nearby sites (Desert Hot Springs High School and Edward L. Wenzlaff Elementary School) are school properties and were listed in the ENVIROSTOR database. An investigation at the high school property revealed no impacts and no further action was required as of 2003. A 2009 investigation at the elementary school site revealed no impacts at the site and no further action was required as of 2009.

The remaining two sites were listed in databases with known releases and are discussed below.

- Bill's Garage, approximately 0.75 miles northeast of the subject property, is located at 11875 Palm Drive. The site is listed in the LUST, HIST CORTESE, Notify 65, and CERS databases. The LUST database documents a release of gasoline to soil in 1989; the release was discovered during tank closure operations at the site. The case was closed by the regulatory agency in 1992. Based on the distance from the subject property, impacted media (soil only), regulatory status (closed case), and groundwater flow direction (south-southeast, this site is not likely to impact the environmental conditions at the subject property.
- ARCO Facility #1968, approximately 0.9 miles southeast of the subject property, is located at 12775 Palm Drive. The site is listed in the Notify 65 and LUST databases. The LUST databases include two separate releases of oil to the soil; both cases are listed as closed in 1991 and 1995, Based on the distance from the subject property, impacted media (soil only), regulatory status (closed cases), and groundwater flow direction (south-southeast), this site is not likely to impact the environmental conditions at the subject property.

10.3 Unmapped Sites

Unmapped sites are flagged by EDR, but not mapped due to insufficient address information. They are usually included in the database search report because they are in the same zip code as the subject property. There were no unmapped sites listed in the EDR Report.

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11 Potential Hazards and Environmental Concerns

Information regarding the following potential sources of hazards and hazardous material releases from the interview, site reconnaissance, and review of regulatory agency records is as follows:

Agricultural Use

The subject property was vacant and undeveloped since at least 1972, and does not appear to have been used for agricultural purposes.

Off-Site Sources

This environmental assessment did not reveal potential off-site sources of contamination that may impact the environmental conditions of the subject property.

Residential Use

Based on a review of historical sources and EDR Reports, the subject property has not been used for residential purposes.

Polychlorinated Biphenyl Items

Three pole-mounted transformers were observed on the subject property; the transformers appeared to be in good condition and free of staining.

Fill Material

No fill material was observed on the subject property.

Stained Soil

No stained soil was observed on the subject property.

Debris

Asphalt grindings were observed on the northern portion of the subject property.

Tanks

Two underground storage tanks were removed from the subject property in 2000. Two ASTs are currently located on the subject property. A backup diesel generator is located on the subject property but is no longer in use. No evidence of leakage or staining was observed during the site inspection.

Asbestos and Lead-Based Paint

The structures on the subject property were constructed on the subject property sometime after 1972 but before 1984. Based on the structures on the subject property, building materials may contain asbestos and lead-based paint.

Radon

The EDR Report presents radon test results for the vicinity of the subject property. The Federal EPA Radon Zone for Riverside County is 2, which corresponds with indoor average expected radon levels of <2 pCi/L. The Federal Radon Action Level is 4 pCi/L.

12 Findings and Recommendations

Information gathered for this report indicated the following:

- The subject property was vacant, undeveloped land before 1953. The subject property was first developed as a corporate yard and animal shelter sometime after 1972 but before 1984.
- The subject property use has remained unchanged since it was first developed.
- Adjacent and nearby properties have included undeveloped land, residential housing, and a church.
- Two underground storage tanks were removed from the subject property in 2000. One soil sample collected from beneath a fuel dispenser contained petroleum hydrocarbons; subsequent drilling and sampling revealed no impacts and the case was closed with no further action required.
- Based on the documents reviewed, site inspection, and brief visual observation of neighboring properties, it is unlikely that adjacent or nearby properties have impacted the environmental conditions at the subject property.

This assessment revealed one controlled recognized environmental condition at the subject property; no evidence of recognized environmental conditions (REC) were identified in connection with the subject property.

Dudek has the following recommendation:

- Given the age of the structures on the subject property, building materials may contain asbestos and lead-based paint. Prior to the demolition of the structures, a survey should be conducted to determine whether building materials contain asbestos or lead-based paint. If present, these materials should be disposed of in accordance with applicable local, state, and federal guidelines.

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13 Limitations

The following data gaps were identified for this Phase I ESA:

- Dudek did not receive responses for User Provided Information required by ASTM Standard E1527-13.

Based on the review of additional information identified and the history of the subject property, Dudek determines this data gap to be less than significant. Should information be obtained following publication of this report that would change the findings of this report, an addendum with the findings will be submitted.

The findings and conclusions presented in this report are professional opinions based solely on the indicated data described in this report, visual observations of the subject property and vicinity, and our interpretation of the available historical information and documents reviewed. Dudek makes no warranty as to the accuracy of statements made by others or the accuracy of information included in documentation reviewed in connection with this study. This study was not intended to be a definitive investigation of potential contamination at the subject property and the recommendations do not necessarily include all conditions that may be present. It is possible that conditions or contamination exist at the subject property that have not been previously identified or that are not identified in this Phase I ESA.

No warranties or guarantees or representations, expressed or implied, are made by Dudek, except for the representation that this report has been prepared in accordance with current generally accepted practices and standards consistent with the level of care and skill exercised under similar circumstances by other professionals performing the same or similar services in the same or similar locality. The conclusions are intended exclusively for the purpose outlined herein, and may not be suitable for, or relied upon, by others and any use of this document is at the sole risk of said user.

In accordance with ASTM Standard E 1527-13, this Phase I ESA is valid for 180 days. After 180 days, this report, or the information presented in this report is no longer valid and must be updated or revised, as appropriate.

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14 References

DOGGR (California Department of Conservation, Division of Oil, Gas and Geothermal Resources). 2019. "Division of Oil, Gas, and Geothermal Resources Well Finder." Accessed August 15, 2019. https://maps.conservation.ca.gov/doggr/wellfinder/#close.

DWR (California Department of Water Resources). 2019. Well Completion Report Map Application. Accessed August 20, 2019. https://dwr.maps.arcgis.com/apps/webappviewer/index.html?id=181078580a214c0986e2da28f8623b37

EnviroStor. 2019. Department of Toxic Substances Control data management system. Accessed August 16, 2019. https://www.envirostor.dtsc.ca.gov/public.

FEMA (Federal Emergency Management Agency). 2019. National Flood Hazard Layer (NHFL) Viewer. Accessed August 20, 2019. https://hazards-fema.maps.arcgis.com/apps/webappviewer/index.html?id=8b0adb51996444d4879338b5529aa9cd

GeoTracker. 2019. State Water Resources Control Board data management system. Accessed August 16, 2019. https://geotracker.waterboards.ca.gov.

NPMS (National Pipeline Mapping System). 2019. NPMS Public Map Viewer web-based mapping application. Accessed August 16, 2019. https://pvnpms.phmsa.dot.gov/PublicViewer.

USFWS (U.S. Fish and Wildlife Service). 2019. National Wetland Inventory. Online mapping system of surface water and wetlands. Accessed August 20, 2019. https://www.fws.gov/wetlands/data/mapper.html.

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Appendix A

Qualifications of Environmental Professionals

APPENDIX A
Qualifications of Environmental Professionals

Environmental Professional	Professional License	Degree(s)	Years' Experience	Task Performed
Susan Smith	Professional Geologist, State of California	B.S., Geological Sciences, California State University Fullerton	17	Site Reconnaissance, Report Review, QA/QC
Marcelo Azevedo	--	B.S., Geological Sciences, Radford University M.S., Geological Sciences, San Diego State University	2	Report Preparation

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Appendix B

Historical Topographic Maps

DHS Corporate Yard Park
65810 Hacienda Avenue
Desert Hot Springs, CA 92240

Inquiry Number: 5745244.4
August 07, 2019

EDR Historical Topo Map Report

with QuadMatch™

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

EDR Historical Topo Map Report

08/07/19

Site Name:	Client Name:
DHS Corporate Yard Park	Dudek & Associates
65810 Hacienda Avenue	605 Third Street
Desert Hot Springs, CA 92240	Encinitas, CA 92024
EDR Inquiry # 5745244.4	Contact: Marcelo Azevedo

EDR Topographic Map Library has been searched by EDR and maps covering the target property location as provided by Dudek & Associates were identified for the years listed below. EDR's Historical Topo Map Report is designed to assist professionals in evaluating potential liability on a target property resulting from past activities. EDRs Historical Topo Map Report includes a search of a collection of public and private color historical topographic maps, dating back to the late 1800s.

Search Results:		*Coordinates:*	
P.O.#	11990	**Latitude:**	33.955135 33° 57' 18" North
Project:	DHS Corporate Yard Park	**Longitude:**	-116.513358 -116° 30' 48" West
		UTM Zone:	Zone 11 North
		UTM X Meters:	544964.15
		UTM Y Meters:	3757288.11
		Elevation:	1027.08' above sea level

Maps Provided:

2012
1978
1972
1957, 1958
1955, 1958
1944
1940, 1941
1901

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This Report contains certain information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, Inc. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. NO WARRANTY EXPRESSED OR IMPLIED, IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, INC. SPECIFICALLY DISCLAIMS THE MAKING OF ANY SUCH WARRANTIES, INCLUDING WITHOUT LIMITATION, MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, INC. BE LIABLE TO ANYONE, WHETHER ARISING OUT OF ERRORS OR OMISSIONS, NEGLIGENCE, ACCIDENT OR ANY OTHER CAUSE, FOR ANY LOSS OF DAMAGE, INCLUDING, WITHOUT LIMITATION, SPECIAL, INCIDENTAL, CONSEQUENTIAL, OR EXEMPLARY DAMAGES. ANY LIABILITY ON THE PART OF ENVIRONMENTAL DATA RESOURCES, INC. IS STRICTLY LIMITED TO A REFUND OF THE AMOUNT PAID FOR THIS REPORT. Purchaser accepts this Report "AS IS". Any analyses, estimates, ratings, environmental risk levels or risk codes provided in this Report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction or forecast of, any environmental risk for any property. Only a Phase I Environmental Site Assessment performed by an environmental professional can provide information regarding the environmental risk for any property. Additionally, the information provided in this Report is not to be construed as legal advice.

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Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

2012 Source Sheets

Desert Hot Springs
2012
7.5-minute, 24000

Seven Palms Valley
2012
7.5-minute, 24000

1978 Source Sheets

Desert Hot Springs
1978
7.5-minute, 24000
Aerial Photo Revised 1972

Seven Palms Valley
1978
7.5-minute, 24000
Aerial Photo Revised 1978

1972 Source Sheets

Desert Hot Springs
1972
7.5-minute, 24000
Aerial Photo Revised 1951

Seven Palms Valley
1972
7.5-minute, 24000
Aerial Photo Revised 1956

1957, 1958 Source Sheets

Palm Springs
1957
15-minute, 62500
Aerial Photo Revised 1956

Thousand Palms
1958
15-minute, 62500
Aerial Photo Revised 1956

Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

1955, 1958 Source Sheets

Desert Hot Springs
1955
7.5-minute, 24000
Aerial Photo Revised 1951

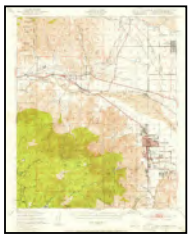
Seven Palms Valley
1958
7.5-minute, 24000
Aerial Photo Revised 1956

1944 Source Sheets

Palm Springs
1944
15-minute, 62500
Aerial Photo Revised 1940

Edom
1944
15-minute, 62500
Aerial Photo Revised 1941

1940, 1941 Source Sheets

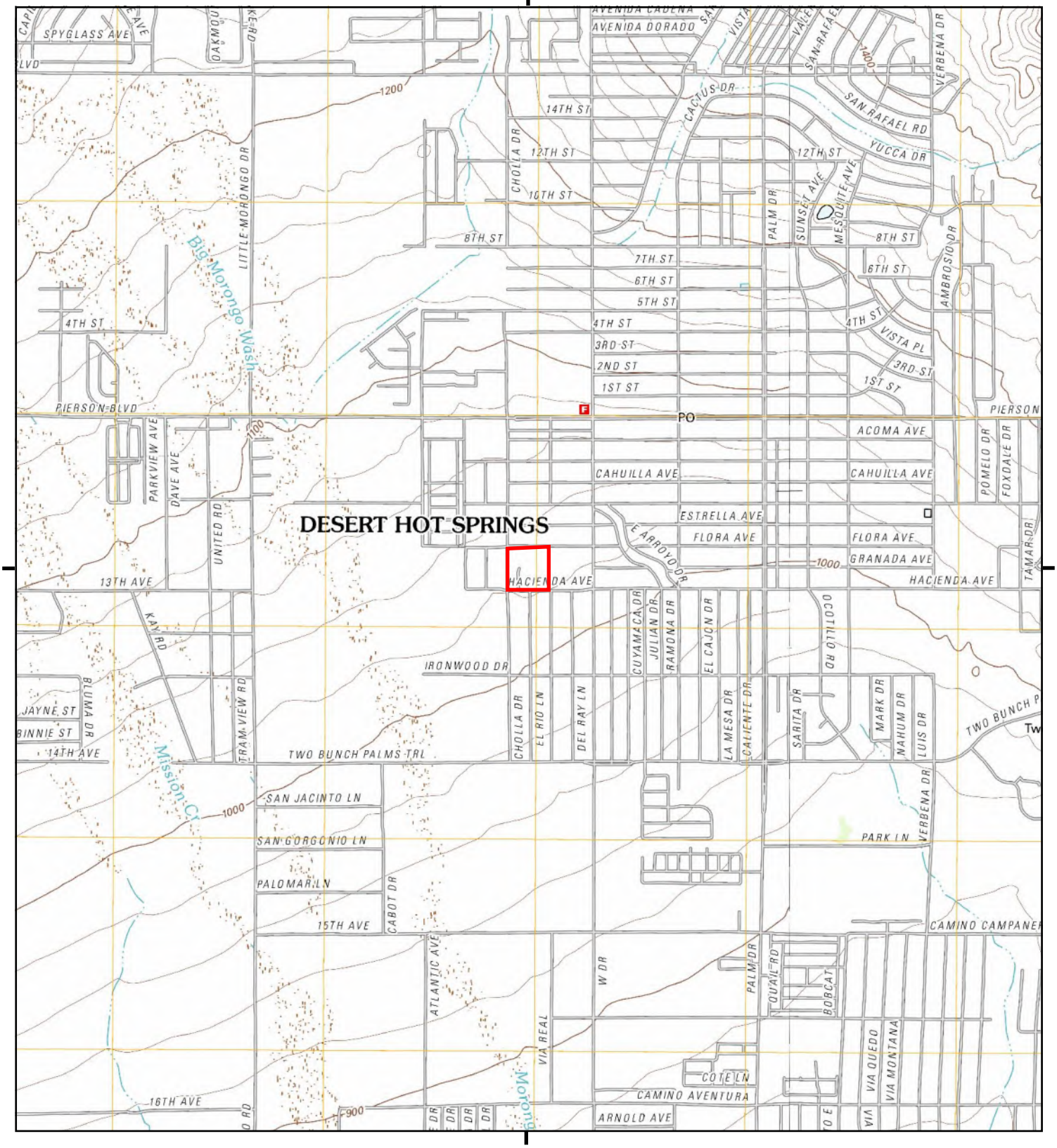


Palm Springs
1940
15-minute, 62500
Aerial Photo Revised 1940

Edom
1941
15-minute, 62500
Aerial Photo Revised 1941

1901 Source Sheets

San Jacinto
1901
30-minute, 125000



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

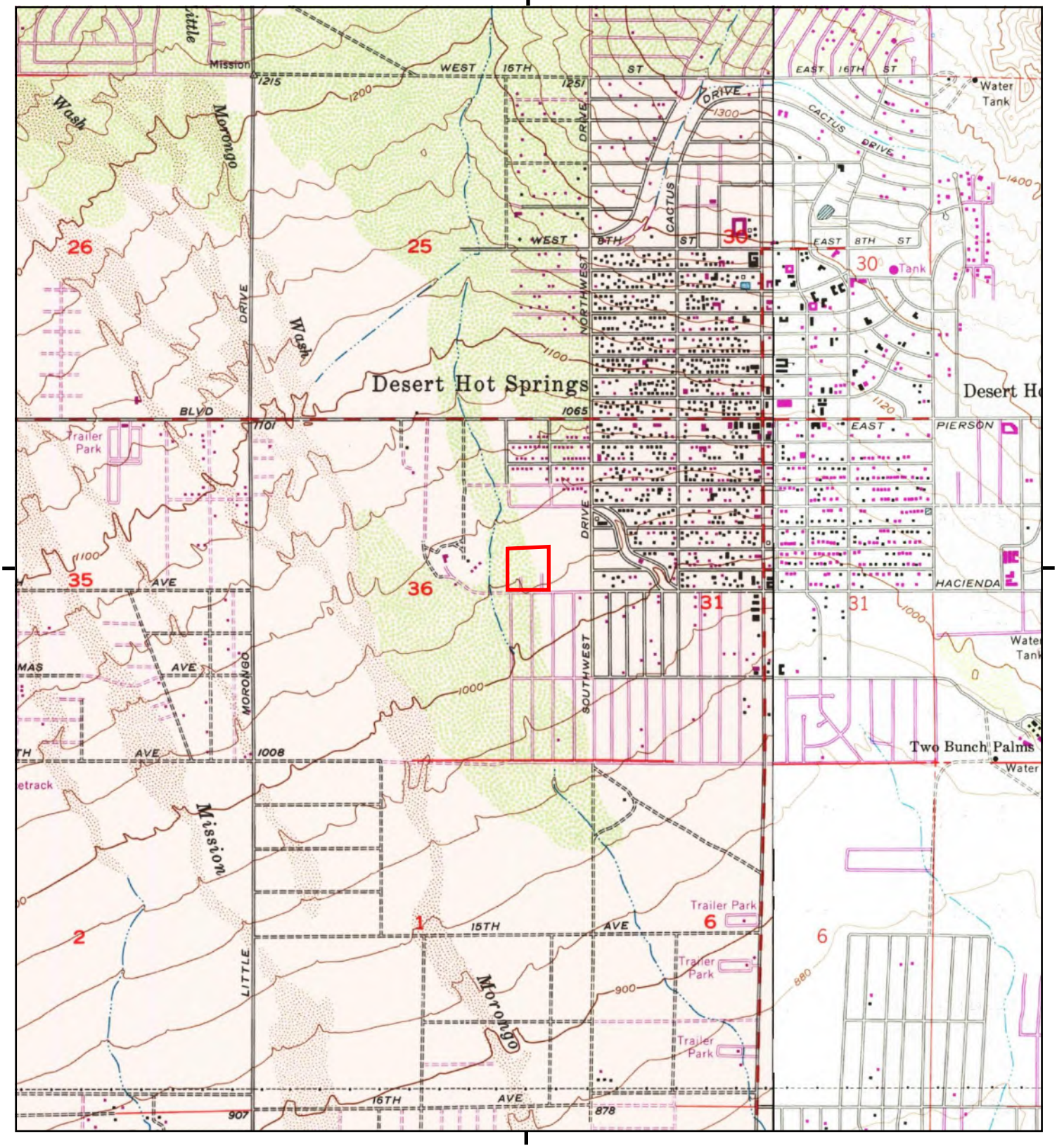
TP, Desert Hot Springs, 2012, 7.5-minute
E, Seven Palms Valley, 2012, 7.5-minute

SITE NAME: DHS Corporate Yard Park
ADDRESS: 65810 Hacienda Avenue
Desert Hot Springs, CA 92240
CLIENT: Dudek & Associates

N

Historical Topo Map

1978



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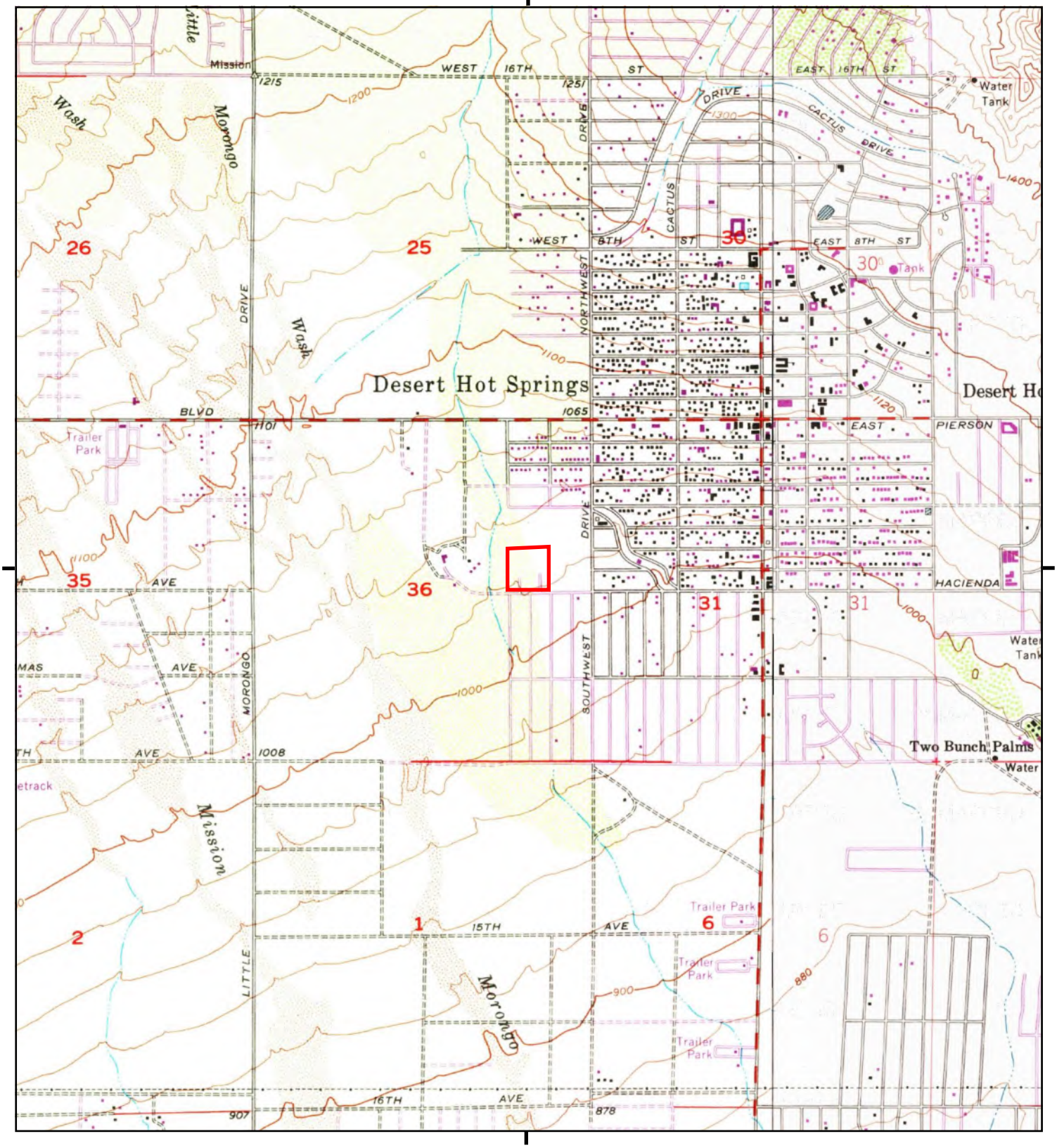
W E
SW S SE

TP, Desert Hot Springs, 1978, 7.5-minute
E, Seven Palms Valley, 1978, 7.5-minute

SITE NAME: DHS Corporate Yard Park
ADDRESS: 65810 Hacienda Avenue
Desert Hot Springs, CA 92240
CLIENT: Dudek & Associates

N



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W E
SW S SE

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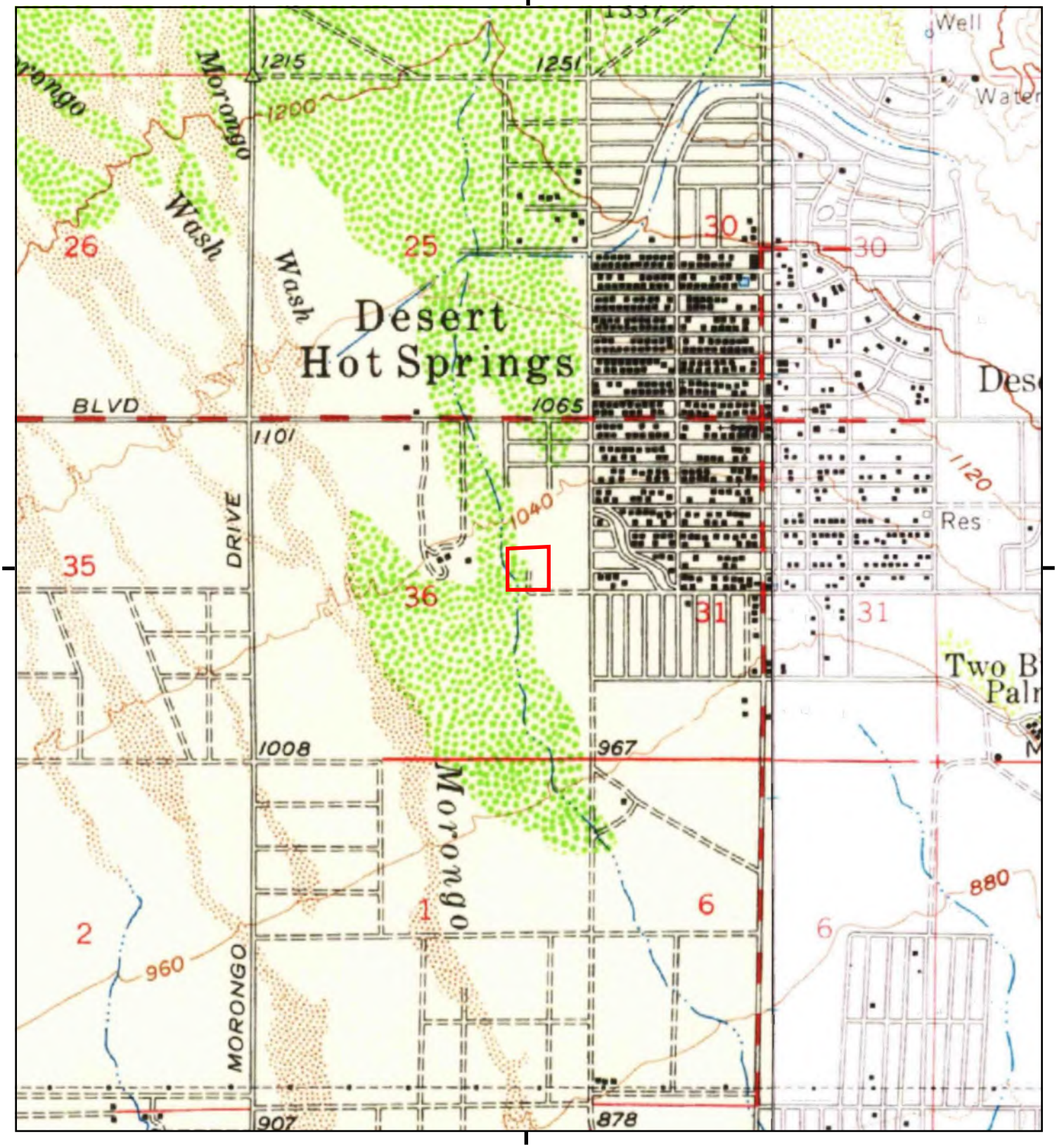
E, Seven Palms Valley, 1972, 7.5-minute

SITE NAME: DHS Corporate Yard Park
ADDRESS: 65810 Hacienda Avenue
Desert Hot Springs, CA 92240
CLIENT: Dudek & Associates

N



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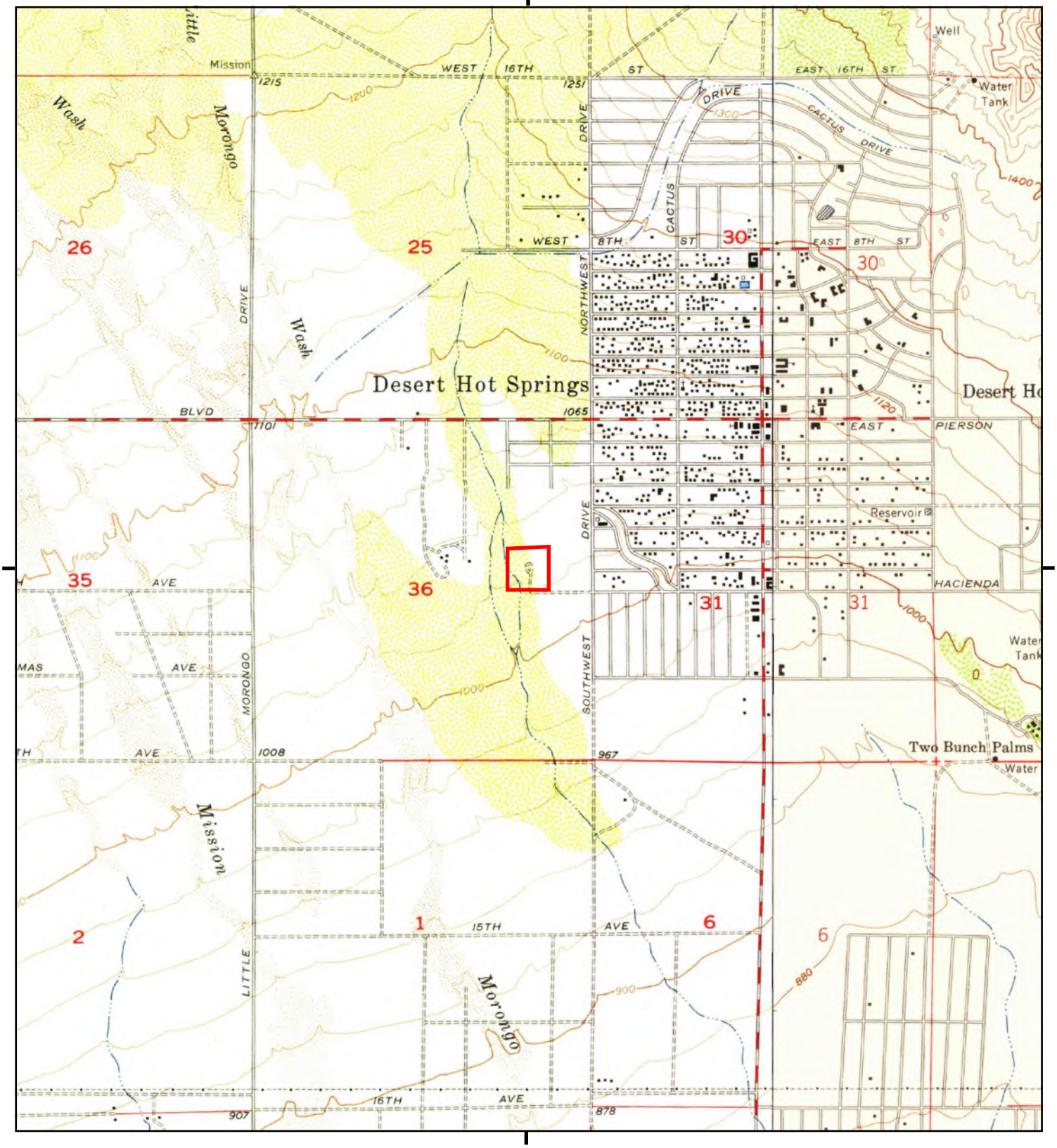
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Palm Springs, 1957, 15-minute
SE, Thousand Palms, 1958, 15-minute

SITE NAME: DHS Corporate Yard Park
ADDRESS: 65810 Hacienda Avenue
Desert Hot Springs, CA 92240
CLIENT: Dudek & Associates

N



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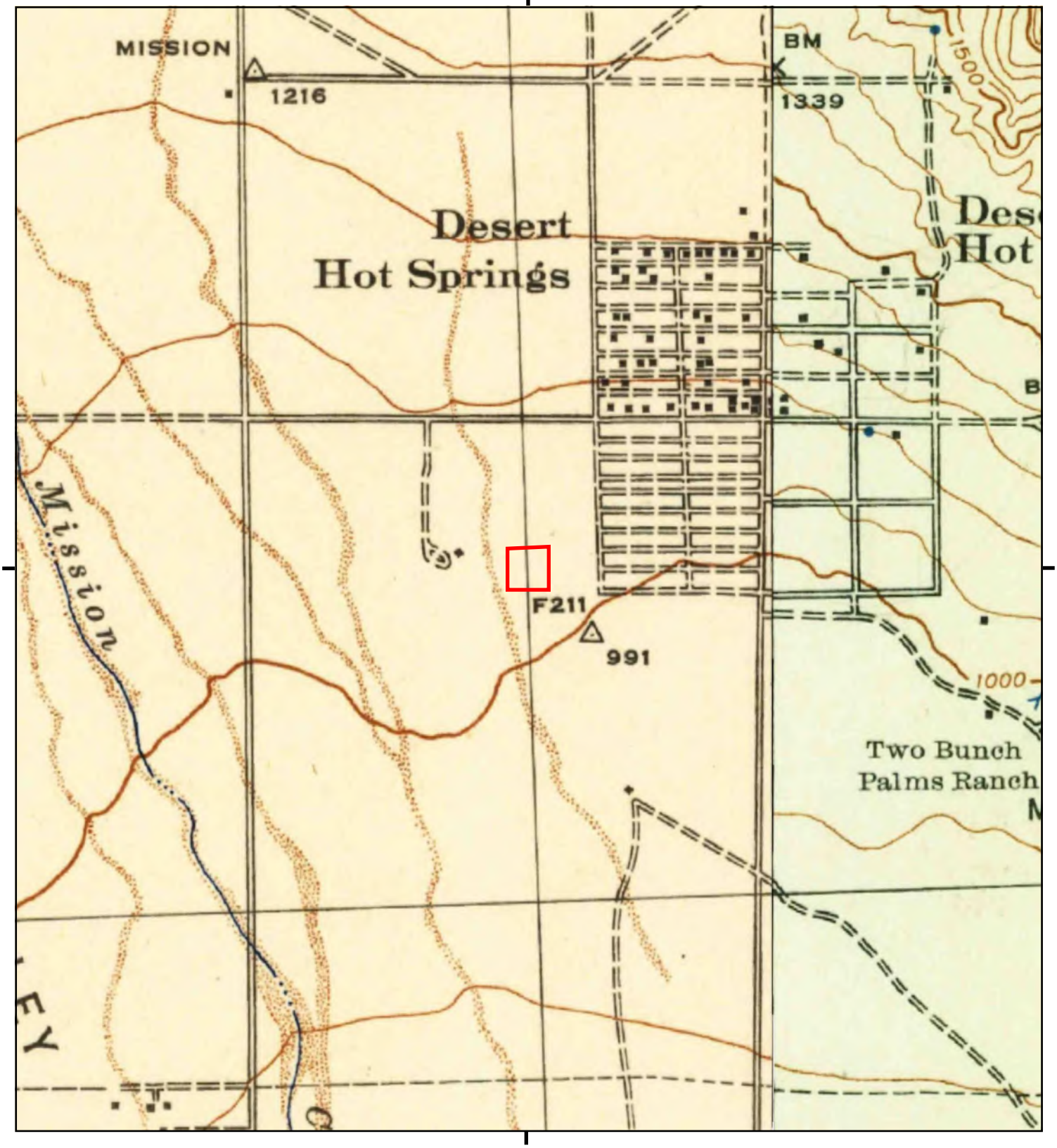
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Desert Hot Springs, 1955, 7.5-minute
E, Seven Palms Valley, 1958, 7.5-minute

SITE NAME: DHS Corporate Yard Park
ADDRESS: 65810 Hacienda Avenue
Desert Hot Springs, CA 92240
CLIENT: Dudek & Associates

N



This report includes information from the following map sheet(s).

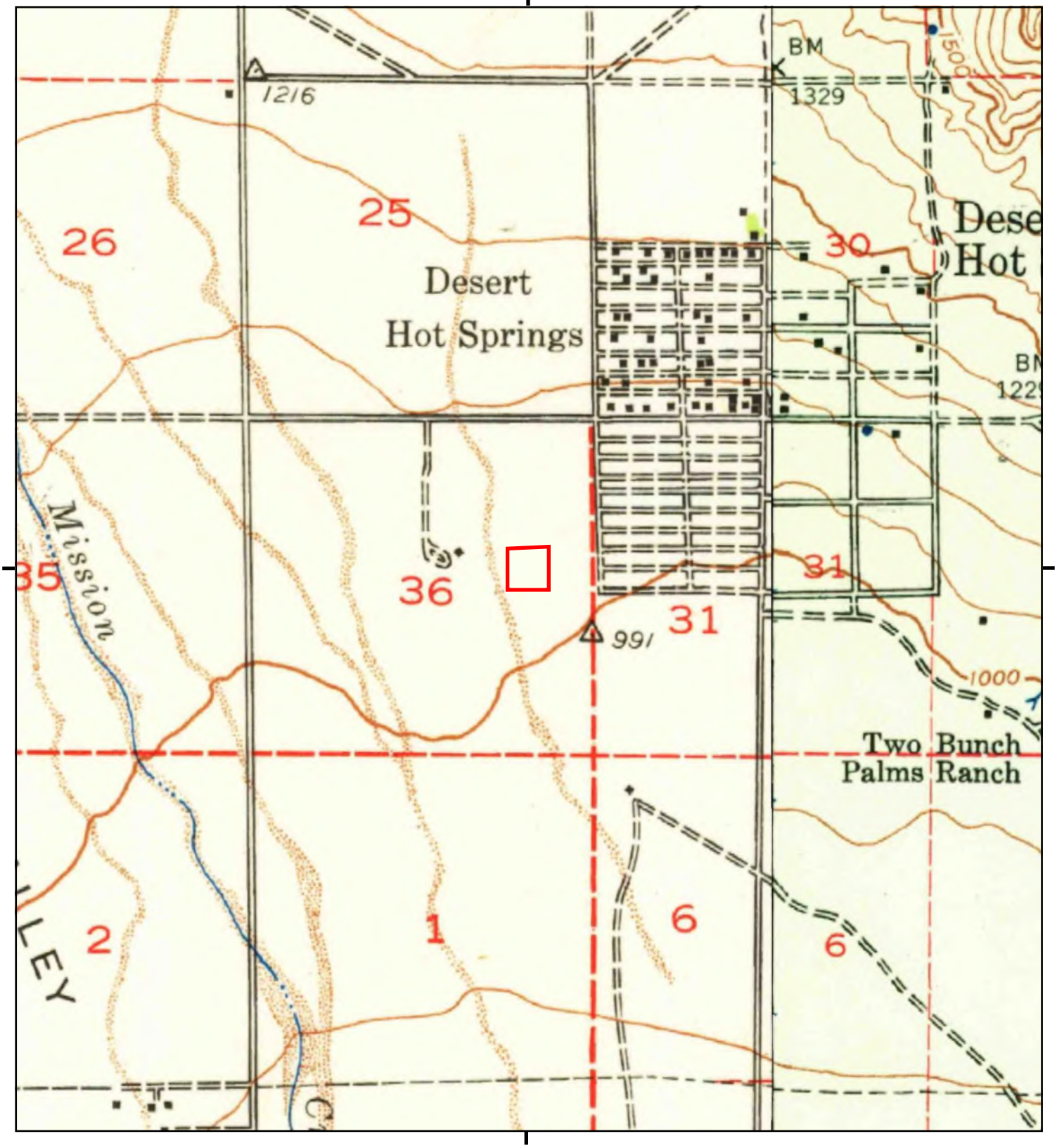
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Palm Springs, 1944, 15-minute
SE, Edom, 1944, 15-minute

SITE NAME: DHS Corporate Yard Park
ADDRESS: 65810 Hacienda Avenue
Desert Hot Springs, CA 92240
CLIENT: Dudek & Associates

N



This report includes information from the following map sheet(s).

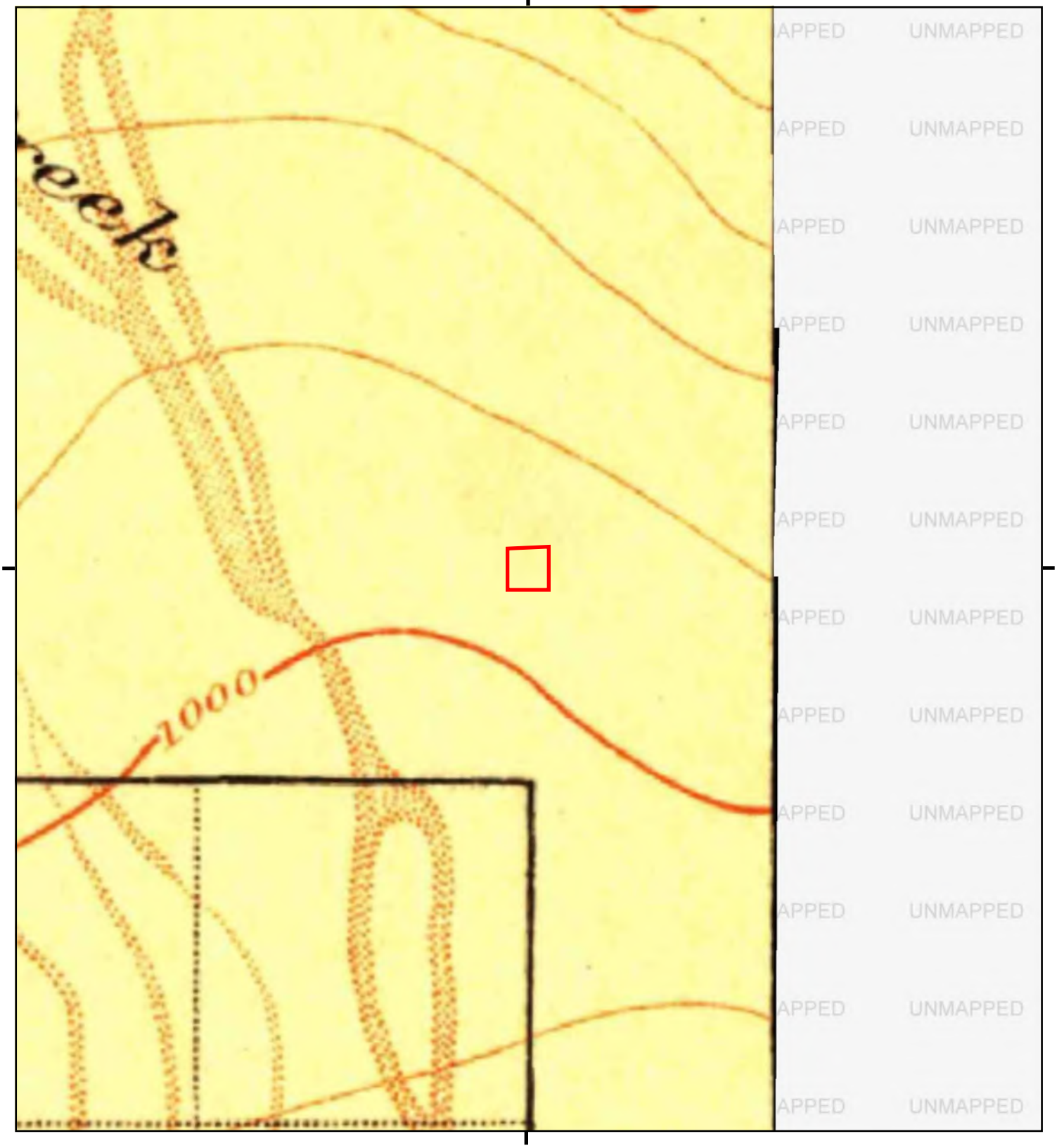
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Palm Springs, 1940, 15-minute
SE, Edom, 1941, 15-minute

SITE NAME: DHS Corporate Yard Park
ADDRESS: 65810 Hacienda Avenue
Desert Hot Springs, CA 92240
CLIENT: Dudek & Associates

N



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, San Jacinto, 1901, 30-minute

SITE NAME: DHS Corporate Yard Park
ADDRESS: 65810 Hacienda Avenue
Desert Hot Springs, CA 92240
CLIENT: Dudek & Associates

N

Appendix C

Regulatory Database Search Report

DHS Corporate Yard Park
65810 Hacienda Avenue
Desert Hot Springs, CA 92240

Inquiry Number: 5745244.2s
August 08, 2019

The EDR Radius Map™ Report with GeoCheck®

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

TABLE OF CONTENTS

SECTION	PAGE
Executive Summary	ES1
Overview Map	2
Detail Map	3
Map Findings Summary	4
Map Findings	8
Orphan Summary	42
Government Records Searched/Data Currency Tracking	GR-1

GEOCHECK ADDENDUM

Physical Setting Source Addendum	A-1
Physical Setting Source Summary	A-2
Physical Setting SSURGO Soil Map	A-5
Physical Setting Source Map	A-8
Physical Setting Source Map Findings	A-10
Physical Setting Source Records Searched	PSGR-1

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-13), the ASTM Standard Practice for Environmental Site Assessments for Forestland or Rural Property (E 2247-16), the ASTM Standard Practice for Limited Environmental Due Diligence: Transaction Screen Process (E 1528-14) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

65810 HACIENDA AVENUE
DESERT HOT SPRINGS, CA 92240

COORDINATES

Latitude (North):	33.9551350 - 33° 57' 18.48''
Longitude (West):	116.5133580 - 116° 30' 48.08''
Universal Tranverse Mercator:	Zone 11
UTM X (Meters):	544965.2
UTM Y (Meters):	3757093.8
Elevation:	1028 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	5641202 DESERT HOT SPRINGS, CA
Version Date:	2012
East Map:	5639298 SEVEN PALMS VALLEY, CA
Version Date:	2012

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from:	20140525, 20140521
Source:	USDA

MAPPED SITES SUMMARY

Target Property Address:
65810 HACIENDA AVENUE
DESERT HOT SPRINGS, CA 92240

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
A1	CITY OF DESERT HOT S	65810 HACIENDA AVE	FINDS		TP
A2	CITY OF DESERT HOT S	65810 HACIENDA DR	HAZNET		TP
A3	CITY OF DESERT HOT S	65810 HACIENDA AVENU	HAZNET		TP
A4	DESERT HOT SPRINGS C	65810 HACIENDA AVE	CERS HAZ WASTE, SWEEPS UST, CERS TANKS, CA FID...		TP
A5	DESERT HOT SPRINGS C	65810 HACIENDA AVE	RGA LUST		TP
A6	DESERT HOT SPRINGS C	65810 HACIENDA AVE	FINDS		TP
A7	DESERT HOT SPRINGS C	65810 HACIENDA AVE	LUST, CERS		TP
A8	CITY OF DESERT HOT S	65810 HACIENDA AVE	AST		TP
9	MARJORIE KIRBY	66021 ESTRELLA AVENU	RCRA NonGen / NLR	Higher	827, 0.157, ENE
10	DESERT HOT SPRINGS H	65850 PIERSON BOULEV	ENVIROSTOR, SCH	Higher	2031, 0.385, North
11	EDWARD L. WENZLAFF E	11625 WEST DRIVE	ENVIROSTOR, SCH	Higher	2895, 0.548, NNE
12	ARCO FACILITY #1968	12775 PALM DRIVE	Notify 65	Lower	3252, 0.616, East
13	CAMP ANZA		FUDS	Higher	3275, 0.620, NW
14	BILL'S GARAGE	11875 PALM DRIVE	LUST, HIST CORTESE, Notify 65, CERS	Higher	3969, 0.752, NE

EXECUTIVE SUMMARY

TARGET PROPERTY SEARCH RESULTS

The target property was identified in the following records. For more information on this property see page 8 of the attached EDR Radius Map report:

Site	Database(s)	EPA ID
CITY OF DESERT HOT S 65810 HACIENDA AVE DESERT HOT SPRINGS, CA 92240	FINDS Registry ID:: 110066250103	N/A
CITY OF DESERT HOT S 65810 HACIENDA DR DESERT HOT SPRINGS, CA 92240	HAZNET GEPAID: CAC002225297	N/A
CITY OF DESERT HOT S 65810 HACIENDA AVENU DESERT HOT SPRINGS, CA 92240	HAZNET GEPAID: CAL000218551	N/A
DESERT HOT SPRINGS C 65810 HACIENDA AVE DESERT HOT SPGS, CA 92240	CERS HAZ WASTE SWEEPS UST Status: A Tank Status: A Comp Number: 67160 CERS TANKS CA FID UST Facility Id: 33007180 Status: A CERS	N/A
DESERT HOT SPRINGS C 65810 HACIENDA AVE DESERT HOT SPRINGS, CA	RGA LUST	N/A
DESERT HOT SPRINGS C 65810 HACIENDA AVE DESERT HOT SPRINGS, CA 92240	FINDS Registry ID:: 110065152211	N/A
DESERT HOT SPRINGS C 65810 HACIENDA AVE DESERT HOT SPRINGS, CA 92240	LUST Database: RIVERSIDE CO. LUST, Date of Government Version: 04/11/2019 Database: LUST REG 7, Date of Government Version: 02/26/2004 Database: LUST, Date of Government Version: 12/10/2018 Status: Completed - Case Closed Global ID: T0606599091 Status: 9 - Case Closed Facility Id: 200016118 Global Id: T0606599091	N/A

EXECUTIVE SUMMARY

Facility Status: 9

CERS

CITY OF DESERT HOT S
65810 HACIENDA AVE
DESERT HOT SPRINGS, CA 92240

AST N/A
Database: AST, Date of Government Version: 07/06/2016

DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the target property or within the search radius around the target property for the following databases:

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL ---------- National Priority List
Proposed NPL ---------- Proposed National Priority List Sites
NPL LIENS ---------- Federal Superfund Liens

Federal Delisted NPL site list

Delisted NPL ---------- National Priority List Deletions

Federal CERCLIS list

FEDERAL FACILITY ---------- Federal Facility Site Information listing
SEMS ---------- Superfund Enterprise Management System

Federal CERCLIS NFRAP site list

SEMS-ARCHIVE ---------- Superfund Enterprise Management System Archive

Federal RCRA CORRACTS facilities list

CORRACTS ---------- Corrective Action Report

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF ---------- RCRA - Treatment, Storage and Disposal

Federal RCRA generators list

RCRA-LQG ---------- RCRA - Large Quantity Generators
RCRA-SQG ---------- RCRA - Small Quantity Generators
RCRA-CESQG ---------- RCRA - Conditionally Exempt Small Quantity Generator

EXECUTIVE SUMMARY

Federal institutional controls / engineering controls registries

LUCIS ---- Land Use Control Information System
US ENG CONTROLS ---- Engineering Controls Sites List
US INST CONTROL ---- Sites with Institutional Controls

Federal ERNS list

ERNS ---- Emergency Response Notification System

State- and tribal - equivalent NPL

RESPONSE ---- State Response Sites

State and tribal landfill and/or solid waste disposal site lists

SWF/LF ---- Solid Waste Information System

State and tribal leaking storage tank lists

INDIAN LUST ---- Leaking Underground Storage Tanks on Indian Land
CPS-SLIC ---- Statewide SLIC Cases

State and tribal registered storage tank lists

FEMA UST ---- Underground Storage Tank Listing
UST ---- Active UST Facilities
INDIAN UST ---- Underground Storage Tanks on Indian Land

State and tribal voluntary cleanup sites

INDIAN VCP ---- Voluntary Cleanup Priority Listing
VCP ---- Voluntary Cleanup Program Properties

State and tribal Brownfields sites

BROWNFIELDS ---- Considered Brownfieds Sites Listing

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS ---- A Listing of Brownfields Sites

Local Lists of Landfill / Solid Waste Disposal Sites

WMUDS/SWAT ---- Waste Management Unit Database
SWRCY ---- Recycler Database
HAULERS ---- Registered Waste Tire Haulers Listing
INDIAN ODI ---- Report on the Status of Open Dumps on Indian Lands
ODI ---- Open Dump Inventory
DEBRIS REGION 9 ---- Torres Martinez Reservation Illegal Dump Site Locations
IHS OPEN DUMPS ---- Open Dumps on Indian Land

EXECUTIVE SUMMARY

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL	Delisted National Clandestine Laboratory Register
HIST Cal-Sites	Historical Calsites Database
SCH	School Property Evaluation Program
CDL	Clandestine Drug Labs
Toxic Pits	Toxic Pits Cleanup Act Sites
US CDL	National Clandestine Laboratory Register
PFAS	PFAS Contamination Site Location Listing

Local Lists of Registered Storage Tanks

HIST UST	Hazardous Substance Storage Container Database

Local Land Records

LIENS	Environmental Liens Listing
LIENS 2	CERCLA Lien Information
DEED	Deed Restriction Listing

Records of Emergency Release Reports

HMIRS	Hazardous Materials Information Reporting System
CHMIRS	California Hazardous Material Incident Report System
LDS	Land Disposal Sites Listing
MCS	Military Cleanup Sites Listing
SPILLS 90	SPILLS 90 data from FirstSearch

Other Ascertainable Records

DOD	Department of Defense Sites
SCRD DRYCLEANERS	State Coalition for Remediation of Drycleaners Listing
US FIN ASSUR	Financial Assurance Information
EPA WATCH LIST	EPA WATCH LIST
2020 COR ACTION	2020 Corrective Action Program List
TSCA	Toxic Substances Control Act
TRIS	Toxic Chemical Release Inventory System
SSTS	Section 7 Tracking Systems
ROD	Records Of Decision
RMP	Risk Management Plans
RAATS	RCRA Administrative Action Tracking System
PRP	Potentially Responsible Parties
PADS	PCB Activity Database System
ICIS	Integrated Compliance Information System
FTTS	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
MLTS	Material Licensing Tracking System
COAL ASH DOE	Steam-Electric Plant Operation Data
COAL ASH EPA	Coal Combustion Residues Surface Impoundments List
PCB TRANSFORMER	PCB Transformer Registration Database
RADINFO	Radiation Information Database
HIST FTTS	FIFRA/TSCA Tracking System Administrative Case Listing
DOT OPS	Incident and Accident Data
CONSENT	Superfund (CERCLA) Consent Decrees

INDIAN RESERV Indian Reservations
FUSRAP Formerly Utilized Sites Remedial Action Program
UMTRA Uranium Mill Tailings Sites
LEAD SMELTERS Lead Smelter Sites
US AIRS Aerometric Information Retrieval System Facility Subsystem
US MINES Mines Master Index File
ABANDONED MINES Abandoned Mines
DOCKET HWC Hazardous Waste Compliance Docket Listing
UXO Unexploded Ordnance Sites
ECHO Enforcement & Compliance History Information
FUELS PROGRAM EPA Fuels Program Registered Listing
CA BOND EXP. PLAN Bond Expenditure Plan
Cortese "Cortese" Hazardous Waste & Substances Sites List
CUPA Listings CUPA Resources List
DRYCLEANERS Cleaner Facilities
EMI Emissions Inventory Data
ENF Enforcement Action Listing
Financial Assurance Financial Assurance Information Listing
ICE ICE
HIST CORTESE Hazardous Waste & Substance Site List
HWP EnviroStor Permitted Facilities Listing
HWT Registered Hazardous Waste Transporter Database
MINES Mines Site Location Listing
MWMP Medical Waste Management Program Listing
NPDES NPDES Permits Listing
PEST LIC Pesticide Regulation Licenses Listing
PROC Certified Processors Database
UIC UIC Listing
UIC GEO UIC GEO (GEOTRACKER)
WASTEWATER PITS Oil Wastewater Pits Listing
WDS Waste Discharge System
WIP Well Investigation Program Case List
MILITARY PRIV SITES MILITARY PRIV SITES (GEOTRACKER)
PROJECT PROJECT (GEOTRACKER)
WDR Waste Discharge Requirements Listing
CIWQS California Integrated Water Quality System
NON-CASE INFO NON-CASE INFO (GEOTRACKER)
OTHER OIL GAS OTHER OIL & GAS (GEOTRACKER)
PROD WATER PONDS PROD WATER PONDS (GEOTRACKER)
SAMPLING POINT SAMPLING POINT (GEOTRACKER)
WELL STIM PROJ Well Stimulation Project (GEOTRACKER)

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP EDR Proprietary Manufactured Gas Plants
EDR Hist Auto EDR Exclusive Historical Auto Stations
EDR Hist Cleaner EDR Exclusive Historical Cleaners

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA LF Recovered Government Archive Solid Waste Facilities List

EXECUTIVE SUMMARY

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.
Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

STANDARD ENVIRONMENTAL RECORDS

State- and tribal - equivalent CERCLIS

ENVIROSTOR: The Department of Toxic Substances Control's (DTSC's) Site Mitigation and Brownfields Reuse Program's (SMBRP's) EnviroStor database identifes sites that have known contamination or sites for which there may be reasons to investigate further. The database includes the following site types: Federal Superfund sites (National Priorities List (NPL)); State Response, including Military Facilities and State Superfund; Voluntary Cleanup; and School sites. EnviroStor provides similar information to the information that was available in CalSites, and provides additional site information, including, but not limited to, identification of formerly-contaminated properties that have been released for reuse, properties where environmental deed restrictions have been recorded to prevent inappropriate land uses, and risk characterization information that is used to assess potential impacts to public health and the environment at contaminated sites.

A review of the ENVIROSTOR list, as provided by EDR, and dated 04/29/2019 has revealed that there are 2 ENVIROSTOR sites within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
DESERT HOT SPRINGS H Facility Id: 33820014 Status: No Action Required	***65850 PIERSON BOULEV***	***N 1/4 - 1/2 (0.385 mi.)***	***10***	***32***
EDWARD L. WENZLAFF E Facility Id: 60001140 Status: No Action Required	***11625 WEST DRIVE***	***NNE 1/2 - 1 (0.548 mi.)***	***11***	***35***

ADDITIONAL ENVIRONMENTAL RECORDS

Other Ascertainable Records

RCRA NonGen / NLR: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

A review of the RCRA NonGen / NLR list, as provided by EDR, and dated 03/25/2019 has revealed that

there is 1 RCRA NonGen / NLR site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
MARJORIE KIRBY EPA ID:: CAC002978690	66021 ESTRELLA AVENU	ENE 1/8 - 1/4 (0.157 mi.)	9	31

FUDS: The Listing includes locations of Formerly Used Defense Sites Properties where the US Army Corps Of Engineers is actively working or will take necessary cleanup actions.

A review of the FUDS list, as provided by EDR, and dated 03/07/2019 has revealed that there is 1 FUDS site within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
CAMP ANZA		NW 1/2 - 1 (0.620 mi.)	13	38

Notify 65: Listings of all Proposition 65 incidents reported to counties by the State Water Resources Control Board and the Regional Water Quality Control Board. This database is no longer updated by the reporting agency.

A review of the Notify 65 list, as provided by EDR, and dated 03/18/2019 has revealed that there are 2 Notify 65 sites within approximately 1 mile of the target property.

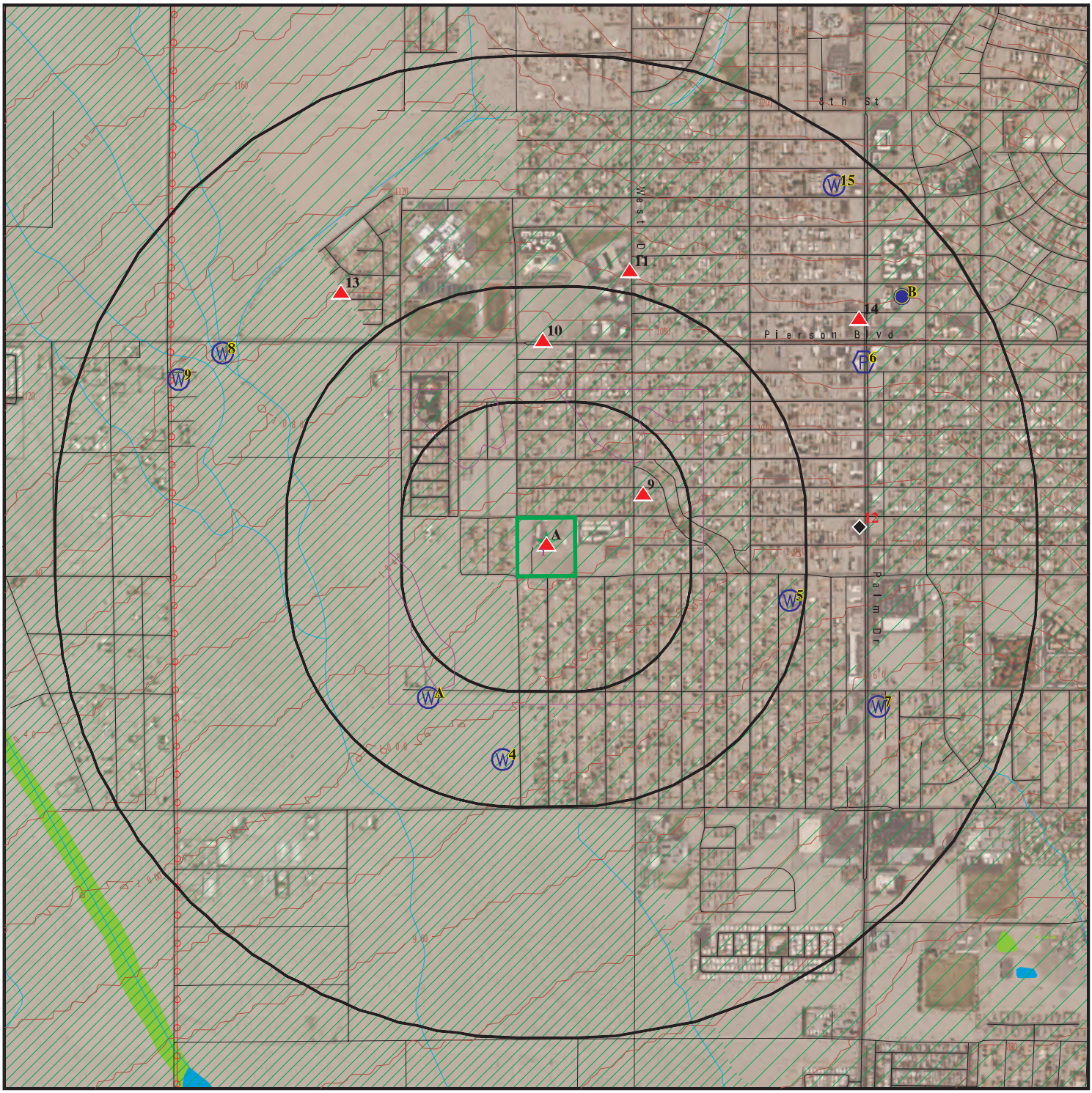
Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
BILL'S GARAGE	***11875 PALM DRIVE***	***NE 1/2 - 1 (0.752 mi.)***	***14***	***39***

Lower Elevation	Address	Direction / Distance	Map ID	Page
ARCO FACILITY #1968	12775 PALM DRIVE	E 1/2 - 1 (0.616 mi.)	12	38

EXECUTIVE SUMMARY

There were no unmapped sites in this report.

OVERVIEW MAP - 5745244.2S



Target Property

Sites at elevations higher than or equal to the target property

Sites at elevations lower than the target property

Manufactured Gas Plants

National Priority List Sites

Dept. Defense Sites

0 1/4 1/2 1 Miles

Indian Reservations BIA

Power transmission lines

100-year flood zone

500-year flood zone

National Wetland Inventory

State Wetlands

Areas of Concern

N

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME:	DHS Corporate Yard Park	CLIENT:	Dudek & Associates
ADDRESS:	65810 Hacienda Avenue Desert Hot Springs CA 92240	CONTACT:	Marcelo Azevedo
LAT/LONG:	33.955135 / 116.513358	INQUIRY #:	5745244.2s
		DATE:	August 08, 2019 10:40 am

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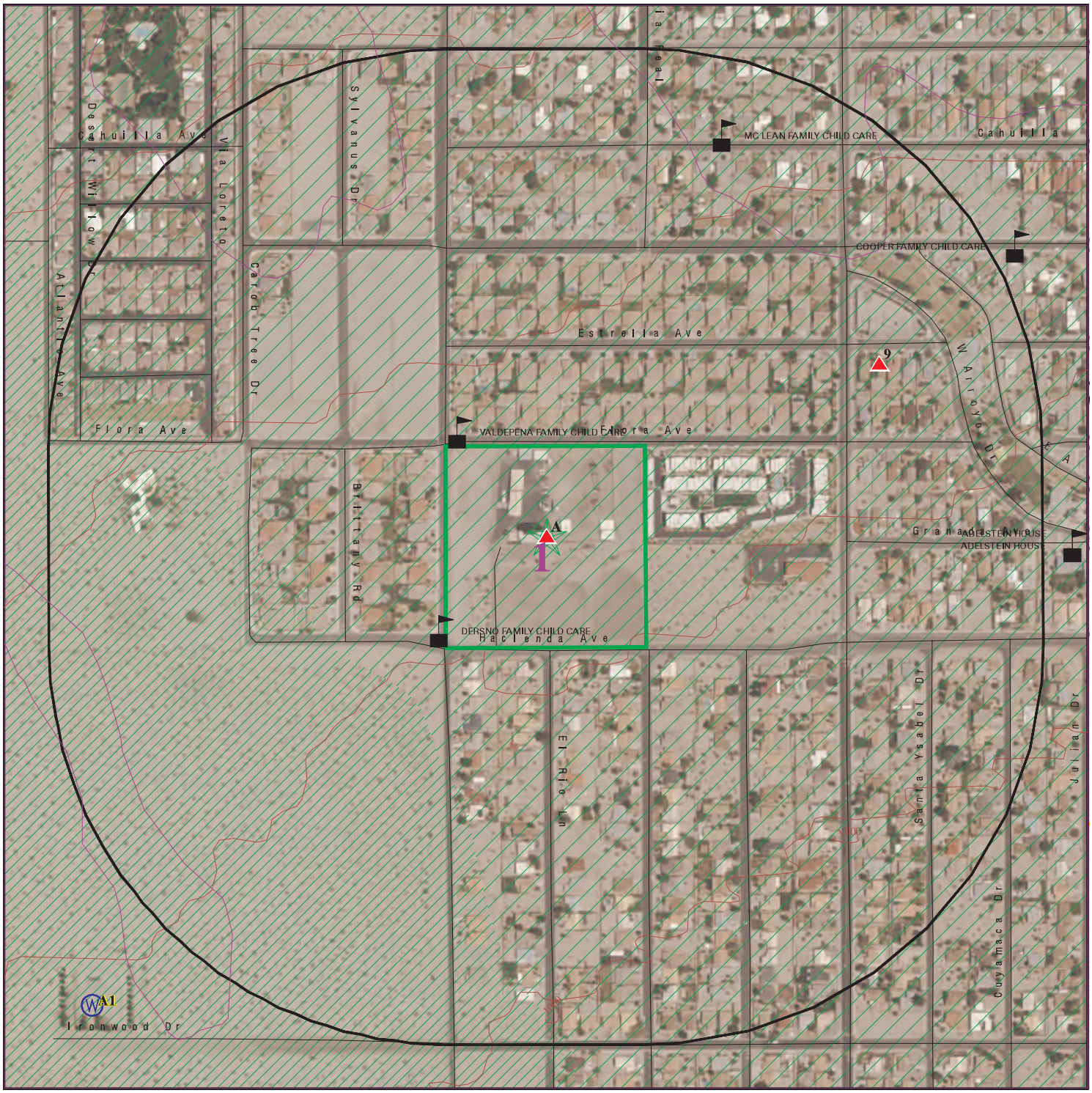
DETAIL MAP - 5745244.2S



Target Property

Sites at elevations higher than or equal to the target property

Sites at elevations lower than the target property

Manufactured Gas Plants

Sensitive Receptors

National Priority List Sites

Dept. Defense Sites

0 1/16 1/8 1/4 Miles

Indian Reservations BIA

100-year flood zone

500-year flood zone

Areas of Concern

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME:	DHS Corporate Yard Park	CLIENT:	Dudek & Associates
ADDRESS:	65810 Hacienda Avenue Desert Hot Springs CA 92240	CONTACT:	Marcelo Azevedo
LAT/LONG:	33.955135 / 116.513358	INQUIRY #:	5745244.2s
		DATE:	August 08, 2019 10:45 am

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MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENTAL RECORDS								
Federal NPL site list								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	1.000		0	0	0	0	NR	0
Federal Delisted NPL site list								
Delisted NPL	1.000		0	0	0	0	NR	0
Federal CERCLIS list								
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
SEMS	0.500		0	0	0	NR	NR	0
Federal CERCLIS NFRAP site list								
SEMS-ARCHIVE	0.500		0	0	0	NR	NR	0
Federal RCRA CORRACTS facilities list								
CORRACTS	1.000		0	0	0	0	NR	0
Federal RCRA non-CORRACTS TSD facilities list								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
Federal RCRA generators list								
RCRA-LQG	0.250		0	0	NR	NR	NR	0
RCRA-SQG	0.250		0	0	NR	NR	NR	0
RCRA-CESQG	0.250		0	0	NR	NR	NR	0
Federal institutional controls / engineering controls registries								
LUCIS	0.500		0	0	0	NR	NR	0
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROL	0.500		0	0	0	NR	NR	0
Federal ERNS list								
ERNS	0.001		0	NR	NR	NR	NR	0
State- and tribal - equivalent NPL								
RESPONSE	1.000		0	0	0	0	NR	0
State- and tribal - equivalent CERCLIS								
ENVIROSTOR	1.000		0	0	1	1	NR	2
State and tribal landfill and/or solid waste disposal site lists								
SWF/LF	0.500		0	0	0	NR	NR	0
State and tribal leaking storage tank lists								
LUST	0.500	1	0	0	0	NR	NR	1

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
INDIAN LUST	0.500		0	0	0	NR	NR	0
CPS-SLIC	0.500		0	0	0	NR	NR	0
State and tribal registered storage tank lists								
FEMA UST	0.250		0	0	NR	NR	NR	0
UST	0.250		0	0	NR	NR	NR	0
AST	0.250	1	0	0	NR	NR	NR	1
INDIAN UST	0.250		0	0	NR	NR	NR	0
State and tribal voluntary cleanup sites								
INDIAN VCP	0.500		0	0	0	NR	NR	0
VCP	0.500		0	0	0	NR	NR	0
State and tribal Brownfields sites								
BROWNFIELDS	0.500		0	0	0	NR	NR	0
ADDITIONAL ENVIRONMENTAL RECORDS								
Local Brownfield lists								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
Local Lists of Landfill / Solid Waste Disposal Sites								
WMUDS/SWAT	0.500		0	0	0	NR	NR	0
SWRCY	0.500		0	0	0	NR	NR	0
HAULERS	0.001		0	NR	NR	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
IHS OPEN DUMPS	0.500		0	0	0	NR	NR	0
Local Lists of Hazardous waste / Contaminated Sites								
US HIST CDL	0.001		0	NR	NR	NR	NR	0
HIST Cal-Sites	1.000		0	0	0	0	NR	0
SCH	0.250		0	0	NR	NR	NR	0
CDL	0.001		0	NR	NR	NR	NR	0
CERS HAZ WASTE	0.250	1	0	0	NR	NR	NR	1
Toxic Pits	1.000		0	0	0	0	NR	0
US CDL	0.001		0	NR	NR	NR	NR	0
PFAS	0.500		0	0	0	NR	NR	0
Local Lists of Registered Storage Tanks								
SWEEPS UST	0.250	1	0	0	NR	NR	NR	1
HIST UST	0.250		0	0	NR	NR	NR	0
CERS TANKS	0.250	1	0	0	NR	NR	NR	1
CA FID UST	0.250	1	0	0	NR	NR	NR	1
Local Land Records								
LIENS	0.001		0	NR	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
LIENS 2	0.001		0	NR	NR	NR	NR	0
DEED	0.500		0	0	0	NR	NR	0
Records of Emergency Release Reports								
HMIRS	0.001		0	NR	NR	NR	NR	0
CHMIRS	0.001		0	NR	NR	NR	NR	0
LDS	0.001		0	NR	NR	NR	NR	0
MCS	0.001		0	NR	NR	NR	NR	0
SPILLS 90	0.001		0	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA NonGen / NLR	0.250		0	1	NR	NR	NR	1
FUDS	1.000		0	0	0	1	NR	1
DOD	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
US FIN ASSUR	0.001		0	NR	NR	NR	NR	0
EPA WATCH LIST	0.001		0	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
TSCA	0.001		0	NR	NR	NR	NR	0
TRIS	0.001		0	NR	NR	NR	NR	0
SSTS	0.001		0	NR	NR	NR	NR	0
ROD	1.000		0	0	0	0	NR	0
RMP	0.001		0	NR	NR	NR	NR	0
RAATS	0.001		0	NR	NR	NR	NR	0
PRP	0.001		0	NR	NR	NR	NR	0
PADS	0.001		0	NR	NR	NR	NR	0
ICIS	0.001		0	NR	NR	NR	NR	0
FTTS	0.001		0	NR	NR	NR	NR	0
MLTS	0.001		0	NR	NR	NR	NR	0
COAL ASH DOE	0.001		0	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	0.001		0	NR	NR	NR	NR	0
RADINFO	0.001		0	NR	NR	NR	NR	0
HIST FTTS	0.001		0	NR	NR	NR	NR	0
DOT OPS	0.001		0	NR	NR	NR	NR	0
CONSENT	1.000		0	0	0	0	NR	0
INDIAN RESERV	1.000		0	0	0	0	NR	0
FUSRAP	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
LEAD SMELTERS	0.001		0	NR	NR	NR	NR	0
US AIRS	0.001		0	NR	NR	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
ABANDONED MINES	0.250		0	0	NR	NR	NR	0
FINDS	0.001	2	0	NR	NR	NR	NR	2
DOCKET HWC	0.001		0	NR	NR	NR	NR	0
UXO	1.000		0	0	0	0	NR	0
ECHO	0.001		0	NR	NR	NR	NR	0
FUELS PROGRAM	0.250		0	0	NR	NR	NR	0
CA BOND EXP. PLAN	1.000		0	0	0	0	NR	0
Cortese	0.500		0	0	0	NR	NR	0
CUPA Listings	0.250		0	0	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
DRYCLEANERS	0.250		0	0	NR	NR	NR	0
EMI	0.001		0	NR	NR	NR	NR	0
ENF	0.001		0	NR	NR	NR	NR	0
Financial Assurance	0.001		0	NR	NR	NR	NR	0
HAZNET	0.001	2	0	NR	NR	NR	NR	2
ICE	0.001		0	NR	NR	NR	NR	0
HIST CORTESE	0.500		0	0	0	NR	NR	0
HWP	1.000		0	0	0	0	NR	0
HWT	0.250		0	0	NR	NR	NR	0
MINES	0.250		0	0	NR	NR	NR	0
MWMP	0.250		0	0	NR	NR	NR	0
NPDES	0.001		0	NR	NR	NR	NR	0
PEST LIC	0.001		0	NR	NR	NR	NR	0
PROC	0.500		0	0	0	NR	NR	0
Notify 65	1.000		0	0	0	2	NR	2
UIC	0.001		0	NR	NR	NR	NR	0
UIC GEO	0.001		0	NR	NR	NR	NR	0
WASTEWATER PITS	0.500		0	0	0	NR	NR	0
WDS	0.001		0	NR	NR	NR	NR	0
WIP	0.250		0	0	NR	NR	NR	0
MILITARY PRIV SITES	0.001		0	NR	NR	NR	NR	0
PROJECT	0.001		0	NR	NR	NR	NR	0
WDR	0.001		0	NR	NR	NR	NR	0
CIWQS	0.001		0	NR	NR	NR	NR	0
CERS	0.001	2	0	NR	NR	NR	NR	2
NON-CASE INFO	0.001		0	NR	NR	NR	NR	0
OTHER OIL GAS	0.001		0	NR	NR	NR	NR	0
PROD WATER PONDS	0.001		0	NR	NR	NR	NR	0
SAMPLING POINT	0.001		0	NR	NR	NR	NR	0
WELL STIM PROJ	0.001		0	NR	NR	NR	NR	0
EDR HIGH RISK HISTORICAL RECORDS								
EDR Exclusive Records								
EDR MGP	1.000		0	0	0	0	NR	0
EDR Hist Auto	0.125		0	NR	NR	NR	NR	0
EDR Hist Cleaner	0.125		0	NR	NR	NR	NR	0
EDR RECOVERED GOVERNMENT ARCHIVES								
Exclusive Recovered Govt. Archives								
RGA LF	0.001		0	NR	NR	NR	NR	0
RGA LUST	0.001	1	0	NR	NR	NR	NR	1
- Totals --		13	0	1	1	4	0	19

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

A1 **CITY OF DESERT HOT SPRINGS** **FINDS** **1023330428**
Target **65810 HACIENDA AVE** **N/A**
Property **DESERT HOT SPRINGS, CA 92240**

Site 1 of 8 in cluster A

Actual: FINDS:
1028 ft.

Registry ID: 110066250103

Environmental Interest/Information System
STATE MASTER

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

A2 **CITY OF DESERT HOT SPRINGS** **HAZNET** **S112905497**
Target **65810 HACIENDA DR** **N/A**
Property **DESERT HOT SPRINGS, CA 92240**

Site 2 of 8 in cluster A

Actual: HAZNET:
1028 ft.

Name:	CITY OF DESERT HOT SPRINGS
Address:	65810 HACIENDA DR
City,State,Zip:	DESERT HOT SPRINGS, CA 922400000
Year:	2000
GEPAID:	CAC002225297
Contact:	CITY OF DESERT HOT SPRINGS
Telephone:	0000000000
Mailing Name:	Not reported
Mailing Address:	95950 PIERSON BLVD
Mailing City,St,Zip:	DESERT HOT SPRINGS, CA 922400000
Gen County:	Riverside
TSD EPA ID:	CAT080013352
TSD County:	Los Angeles
Tons:	0.304
CA Waste Code:	221-Waste oil and mixed oil
Method:	R01-Recycler
Facility County:	Riverside

A3 **CITY OF DESERT HOT SPRINGS** **HAZNET** **S113465274**
Target **65810 HACIENDA AVENUE** **N/A**
Property **DESERT HOT SPRINGS, CA 92240**

Site 3 of 8 in cluster A

Actual: HAZNET:
1028 ft.

Name:	CITY OF DESERT HOT SPRINGS
Address:	65810 HACIENDA AVENUE
City,State,Zip:	DESERT HOT SPRINGS, CA 922400000
Year:	2010
GEPAID:	CAL000218551
Contact:	HAL GOLDENBERG
Telephone:	7603296411
Mailing Name:	Not reported
Mailing Address:	65950 PIERSON BLVD

CITY OF DESERT HOT SPRINGS (Continued) **S113465274**

Mailing City,St,Zip:	DESERT HOT SPRINGS, CA 922400000
Gen County:	Riverside
TSD EPA ID:	CAD982444481
TSD County:	San Bernardino
Tons:	0.417
CA Waste Code:	223-Unspecified oil-containing waste
Method:	H141-Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Facility County:	Riverside

Name:	CITY OF DESERT HOT SPRINGS
Address:	65810 HACIENDA AVENUE
City,State,Zip:	DESERT HOT SPRINGS, CA 922400000
Year:	2010
GEPAID:	CAL000218551
Contact:	HAL GOLDENBERG
Telephone:	7603296411
Mailing Name:	Not reported
Mailing Address:	65950 PIERSON BLVD
Mailing City,St,Zip:	DESERT HOT SPRINGS, CA 922400000
Gen County:	Riverside
TSD EPA ID:	CAD982444481
TSD County:	San Bernardino
Tons:	0.1
CA Waste Code:	352-Other organic solids
Method:	H141-Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Facility County:	Riverside

A4 **DESERT HOT SPRINGS CITY OF** **CERS HAZ WASTE** **S101590372**
Target **65810 HACIENDA AVE** **SWEEPS UST** **N/A**
Property **DESERT HOT SPGS, CA 92240** **CERS TANKS**
CA FID UST
Site 4 of 8 in cluster A **CERS**

Actual:
1028 ft.

CERS HAZ WASTE:

Site ID:	19507
CERS ID:	10317994
CERS Description:	Hazardous Waste Generator

Violations:

Site ID:	19507
Site Name:	City of Desert Hot Springs
Violation Date:	01-24-2018
Citation:	Un-Specified
Violation Description:	Business Plan Program - Operations/Maintenance - General Local Ordinance
Violation Notes:	Returned to compliance on 03/13/2018. OBSERVATION: Observed faded NFPA-704 signs located in [[[insert location details]]]. CORRECTIVE ACTION: Owner/operator shall replace all faded or otherwise unrecognizable NFPA-704 signs. Submit photos to this department.
Violation Division:	Riverside County Department of Env Health
Violation Program:	HMRRP
Violation Source:	CERS

Site ID:	19507
Site Name:	City of Desert Hot Springs
Violation Date:	08-09-2017

DESERT HOT SPRINGS CITY OF (Continued) **S101590372**

Citation:	HSC 6.95 25508.2 - California Health and Safety Code, Chapter 6.95, Section(s) 25508.2
Violation Description:	Failure to annually review and electronically certify that the business plan is complete and accurate on or before the annual due date.
Violation Notes:	Returned to compliance on 01/11/2018.
Violation Division:	Riverside County Department of Env Health
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	19507
Site Name:	City of Desert Hot Springs
Violation Date:	10-11-2017
Citation:	HSC 6.95 25508.2 - California Health and Safety Code, Chapter 6.95, Section(s) 25508.2
Violation Description:	Failure to annually review and electronically certify that the business plan is complete and accurate on or before the annual due date.
Violation Notes:	Returned to compliance on 01/11/2018.
Violation Division:	Riverside County Department of Env Health
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	19507
Site Name:	City of Desert Hot Springs
Violation Date:	01-24-2018
Citation:	HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4)
Violation Description:	Failure to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a hazardous material or failure to document and maintain training records for a minimum of three years.
Violation Notes:	Not reported
Violation Division:	Riverside County Department of Env Health
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	19507
Site Name:	City of Desert Hot Springs
Violation Date:	01-24-2018
Citation:	22 CCR 15 66265.31 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.31
Violation Description:	Failure to maintain and operate the facility to minimize the possibility of a fire, explosion, or any unplanned sudden or non-sudden release of hazardous waste or hazardous waste constituents to air, soil, or surface water which could threaten human health or the environment.
Violation Notes:	Not reported
Violation Division:	Riverside County Department of Env Health
Violation Program:	HW
Violation Source:	CERS
Site ID:	19507
Site Name:	City of Desert Hot Springs
Violation Date:	01-24-2018
Citation:	HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)

DESERT HOT SPRINGS CITY OF (Continued) **S101590372**

Violation Description:	Failure to maintain a complete copy of the SPCC Plan at the facility if the facility is normally attended at least four hours per day, or at the nearest field office if the facility is not so attended.
Violation Notes:	Not reported
Violation Division:	Riverside County Department of Env Health
Violation Program:	APSA
Violation Source:	CERS
Site ID:	19507
Site Name:	City of Desert Hot Springs
Violation Date:	07-05-2017
Citation:	HSC 6.95 25508.2 - California Health and Safety Code, Chapter 6.95, Section(s) 25508.2
Violation Description:	Failure to annually review and electronically certify that the business plan is complete and accurate on or before the annual due date.
Violation Notes:	Returned to compliance on 01/11/2018.
Violation Division:	Riverside County Department of Env Health
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	19507
Site Name:	City of Desert Hot Springs
Violation Date:	01-24-2018
Citation:	40 CFR 1 265.173 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.173
Violation Description:	Failure to meet the following container management requirements: (a) A container holding hazardous waste must always be closed during storage, except when it is necessary to add or remove waste. (b) A container holding hazardous waste must not be opened, handled, or stored in a manner which may rupture the container or cause it to leak.
Violation Notes:	Not reported
Violation Division:	Riverside County Department of Env Health
Violation Program:	HW
Violation Source:	CERS
Site ID:	19507
Site Name:	City of Desert Hot Springs
Violation Date:	01-24-2018
Citation:	HSC 6.5 25123.3(h)(1) - California Health and Safety Code, Chapter 6.5, Section(s) 25123.3(h)(1)
Violation Description:	Failure to send hazardous waste offsite for treatment, storage, or disposal within 180 days (or 270 days if waste is transported over 200 miles) for a generator who generates less than 1000 kilogram per month if all of the following conditions are met: (1) The quantity of hazardous waste accumulated onsite never exceeds 6,000 kilograms. (2) The generator complies with the requirements of 40 Code of Federal Regulations section 262.34(d), (e) and (f). (3) The generator does not hold acutely hazardous waste or extremely hazardous waste in an amount greater than one kilogram for more than 90 days.
Violation Notes:	Not reported
Violation Division:	Riverside County Department of Env Health
Violation Program:	HW
Violation Source:	CERS

DESERT HOT SPRINGS CITY OF (Continued) **S101590372**

Evaluation:

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	01-24-2018
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	routine inspection
Eval Division:	Riverside County Department of Env Health
Eval Program:	HMRRP
Eval Source:	CERS

Eval General Type:	Other/Unknown
Eval Date:	10-11-2017
Violations Found:	Yes
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	Riverside County Department of Env Health
Eval Program:	HMRRP
Eval Source:	CERS

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	01-24-2018
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	routine inspection
Eval Division:	Riverside County Department of Env Health
Eval Program:	APSA
Eval Source:	CERS

Eval General Type:	Other/Unknown
Eval Date:	07-05-2017
Violations Found:	Yes
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	Riverside County Department of Env Health
Eval Program:	HMRRP
Eval Source:	CERS

Eval General Type:	Other/Unknown
Eval Date:	08-09-2017
Violations Found:	Yes
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	Riverside County Department of Env Health
Eval Program:	HMRRP
Eval Source:	CERS

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	01-24-2018
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	routine inspection
Eval Division:	Riverside County Department of Env Health
Eval Program:	HW
Eval Source:	CERS

Enforcement Action:

DESERT HOT SPRINGS CITY OF (Continued) **S101590372**

Site ID:	19507
Site Name:	City of Desert Hot Springs
Site Address:	65810 HACIENDA AVE
Site City:	DESERT HOT SPRINGS
Site Zip:	92240
Enf Action Date:	10-11-2017
Enf Action Type:	AEO - Unified Program
Enf Action Description:	Administrative Enforcement Order Based on the Unified Program Statute
Enf Action Notes:	Fines/Penalties Assessed: $1,500.00.
Enf Action Division:	Riverside County Department of Env Health
Enf Action Program:	HMRRP
Enf Action Source:	CERS

Affiliation:

Affiliation Type Desc:	CUPA District
Entity Name:	Riverside Cnty Env Health
Entity Title:	Not reported
Affiliation Address:	4065 County Circle Drive, Room 104
Affiliation City:	Riverside
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	92503
Affiliation Phone:	(951) 358-5055

Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	65950 Pierson Blvd
Affiliation City:	Desert Hot Sprgs
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	92240
Affiliation Phone:	Not reported

Affiliation Type Desc:	Document Preparer
Entity Name:	Daniel Porras
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	Identification Signer
Entity Name:	Daniel Porras
Entity Title:	Community Development Director
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	Operator
Entity Name:	Attn: Daniel Porras
Entity Title:	Not reported

DESERT HOT SPRINGS CITY OF (Continued) **S101590372**

Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(760) 329-6411
Affiliation Type Desc:	Property Owner
Entity Name:	City of Desert Hot Springs
Entity Title:	Not reported
Affiliation Address:	65810 Hacienda Ave
Affiliation City:	Desert Hot Springs
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	92240
Affiliation Phone:	(760) 329-6411
Affiliation Type Desc:	Environmental Contact
Entity Name:	Daniel Porras
Entity Title:	Not reported
Affiliation Address:	65810 Hacienda Ave
Affiliation City:	Desert Hot Springs
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	92240
Affiliation Phone:	Not reported
Affiliation Type Desc:	Legal Owner
Entity Name:	City of Desert Hot Springs
Entity Title:	Not reported
Affiliation Address:	65950 Pierson Blvd
Affiliation City:	Desert Hot Sprgs
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	92240
Affiliation Phone:	(760) 329-6411
Affiliation Type Desc:	Parent Corporation
Entity Name:	City of Desert Hot Springs
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

SWEEPS UST:

Name:	DESERT HOT SPRINGS CITY OF
Address:	65810 HACIENDA AVE
City:	DESERT HOT SPGS
Status:	Active
Comp Number:	67160
Number:	4
Board Of Equalization:	44-018506
Referral Date:	10-29-92

DESERT HOT SPRINGS CITY OF (Continued) **S101590372**

Action Date:	10-29-92
Created Date:	02-29-88
Owner Tank Id:	000408
SWRCB Tank Id:	33-000-067160-000001
Tank Status:	A
Capacity:	3000
Active Date:	10-29-92
Tank Use:	M.V. FUEL
STG:	P
Content:	REG UNLEADED
Number Of Tanks:	2

Name:	DESERT HOT SPRINGS CITY OF
Address:	65810 HACIENDA AVE
City:	DESERT HOT SPGS
Status:	Active
Comp Number:	67160
Number:	4
Board Of Equalization:	44-018506
Referral Date:	10-29-92
Action Date:	10-29-92
Created Date:	02-29-88
Owner Tank Id:	000408
SWRCB Tank Id:	33-000-067160-000002
Tank Status:	A
Capacity:	1000
Active Date:	10-29-92
Tank Use:	M.V. FUEL
STG:	P
Content:	LEADED
Number Of Tanks:	Not reported

CERS TANKS:

Name:	CITY OF DESERT HOT SPRINGS
Address:	65810 HACIENDA AVE
City,State,Zip:	DESERT HOT SPRINGS, CA 92240
Site ID:	19507
CERS ID:	10317994
CERS Description:	Aboveground Petroleum Storage

Violations:

Site ID:	19507
Site Name:	City of Desert Hot Springs
Violation Date:	01-24-2018
Citation:	Un-Specified
Violation Description:	Business Plan Program - Operations/Maintenance - General Local Ordinance
Violation Notes:	Returned to compliance on 03/13/2018. OBSERVATION: Observed faded NFPA-704 signs located in [[[insert location details]]]. CORRECTIVE ACTION: Owner/operator shall replace all faded or otherwise unrecognizable NFPA-704 signs. Submit photos to this department.
Violation Division:	Riverside County Department of Env Health
Violation Program:	HMRRP
Violation Source:	CERS

Site ID:	19507
Site Name:	City of Desert Hot Springs

DESERT HOT SPRINGS CITY OF (Continued) **S101590372**

Violation Date:	08-09-2017
Citation:	HSC 6.95 25508.2 - California Health and Safety Code, Chapter 6.95, Section(s) 25508.2
Violation Description:	Failure to annually review and electronically certify that the business plan is complete and accurate on or before the annual due date.
Violation Notes:	Returned to compliance on 01/11/2018.
Violation Division:	Riverside County Department of Env Health
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	19507
Site Name:	City of Desert Hot Springs
Violation Date:	10-11-2017
Citation:	HSC 6.95 25508.2 - California Health and Safety Code, Chapter 6.95, Section(s) 25508.2
Violation Description:	Failure to annually review and electronically certify that the business plan is complete and accurate on or before the annual due date.
Violation Notes:	Returned to compliance on 01/11/2018.
Violation Division:	Riverside County Department of Env Health
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	19507
Site Name:	City of Desert Hot Springs
Violation Date:	01-24-2018
Citation:	HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4)
Violation Description:	Failure to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a hazardous material or failure to document and maintain training records for a minimum of three years.
Violation Notes:	Not reported
Violation Division:	Riverside County Department of Env Health
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	19507
Site Name:	City of Desert Hot Springs
Violation Date:	01-24-2018
Citation:	22 CCR 15 66265.31 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.31
Violation Description:	Failure to maintain and operate the facility to minimize the possibility of a fire, explosion, or any unplanned sudden or non-sudden release of hazardous waste or hazardous waste constituents to air, soil, or surface water which could threaten human health or the environment.
Violation Notes:	Not reported
Violation Division:	Riverside County Department of Env Health
Violation Program:	HW
Violation Source:	CERS
Site ID:	19507
Site Name:	City of Desert Hot Springs
Violation Date:	01-24-2018
Citation:	HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter

DESERT HOT SPRINGS CITY OF (Continued) **S101590372**

	6.67, Section(s) 25270.4.5(a)
Violation Description:	Failure to maintain a complete copy of the SPCC Plan at the facility if the facility is normally attended at least four hours per day, or at the nearest field office if the facility is not so attended.
Violation Notes:	Not reported
Violation Division:	Riverside County Department of Env Health
Violation Program:	APSA
Violation Source:	CERS
Site ID:	19507
Site Name:	City of Desert Hot Springs
Violation Date:	07-05-2017
Citation:	HSC 6.95 25508.2 - California Health and Safety Code, Chapter 6.95, Section(s) 25508.2
Violation Description:	Failure to annually review and electronically certify that the business plan is complete and accurate on or before the annual due date.
Violation Notes:	Returned to compliance on 01/11/2018.
Violation Division:	Riverside County Department of Env Health
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	19507
Site Name:	City of Desert Hot Springs
Violation Date:	01-24-2018
Citation:	40 CFR 1 265.173 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.173
Violation Description:	Failure to meet the following container management requirements: (a) A container holding hazardous waste must always be closed during storage, except when it is necessary to add or remove waste. (b) A container holding hazardous waste must not be opened, handled, or stored in a manner which may rupture the container or cause it to leak.
Violation Notes:	Not reported
Violation Division:	Riverside County Department of Env Health
Violation Program:	HW
Violation Source:	CERS
Site ID:	19507
Site Name:	City of Desert Hot Springs
Violation Date:	01-24-2018
Citation:	HSC 6.5 25123.3(h)(1) - California Health and Safety Code, Chapter 6.5, Section(s) 25123.3(h)(1)
Violation Description:	Failure to send hazardous waste offsite for treatment, storage, or disposal within 180 days (or 270 days if waste is transported over 200 miles) for a generator who generates less than 1000 kilogram per month if all of the following conditions are met: (1) The quantity of hazardous waste accumulated onsite never exceeds 6,000 kilograms. (2) The generator complies with the requirements of 40 Code of Federal Regulations section 262.34(d), (e) and (f). (3) The generator does not hold acutely hazardous waste or extremely hazardous waste in an amount greater than one kilogram for more than 90 days.
Violation Notes:	Not reported
Violation Division:	Riverside County Department of Env Health
Violation Program:	HW
Violation Source:	CERS

DESERT HOT SPRINGS CITY OF (Continued) **S101590372**

Evaluation:

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	01-24-2018
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	routine inspection
Eval Division:	Riverside County Department of Env Health
Eval Program:	HMRRP
Eval Source:	CERS

Eval General Type:	Other/Unknown
Eval Date:	10-11-2017
Violations Found:	Yes
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	Riverside County Department of Env Health
Eval Program:	HMRRP
Eval Source:	CERS

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	01-24-2018
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	routine inspection
Eval Division:	Riverside County Department of Env Health
Eval Program:	APSA
Eval Source:	CERS

Eval General Type:	Other/Unknown
Eval Date:	07-05-2017
Violations Found:	Yes
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	Riverside County Department of Env Health
Eval Program:	HMRRP
Eval Source:	CERS

Eval General Type:	Other/Unknown
Eval Date:	08-09-2017
Violations Found:	Yes
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	Riverside County Department of Env Health
Eval Program:	HMRRP
Eval Source:	CERS

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	01-24-2018
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	routine inspection
Eval Division:	Riverside County Department of Env Health
Eval Program:	HW
Eval Source:	CERS

Enforcement Action:

DESERT HOT SPRINGS CITY OF (Continued) **S101590372**

Site ID:	19507
Site Name:	City of Desert Hot Springs
Site Address:	65810 HACIENDA AVE
Site City:	DESERT HOT SPRINGS
Site Zip:	92240
Enf Action Date:	10-11-2017
Enf Action Type:	AEO - Unified Program
Enf Action Description:	Administrative Enforcement Order Based on the Unified Program Statute
Enf Action Notes:	Fines/Penalties Assessed: $1,500.00.
Enf Action Division:	Riverside County Department of Env Health
Enf Action Program:	HMRRP
Enf Action Source:	CERS

Affiliation:

Affiliation Type Desc:	CUPA District
Entity Name:	Riverside Cnty Env Health
Entity Title:	Not reported
Affiliation Address:	4065 County Circle Drive, Room 104
Affiliation City:	Riverside
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	92503
Affiliation Phone:	(951) 358-5055

Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	65950 Pierson Blvd
Affiliation City:	Desert Hot Sprgs
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	92240
Affiliation Phone:	Not reported

Affiliation Type Desc:	Document Preparer
Entity Name:	Daniel Porras
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	Identification Signer
Entity Name:	Daniel Porras
Entity Title:	Community Development Director
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	Operator
Entity Name:	Attn: Daniel Porras
Entity Title:	Not reported

DESERT HOT SPRINGS CITY OF (Continued) **S101590372**

Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(760) 329-6411
Affiliation Type Desc:	Property Owner
Entity Name:	City of Desert Hot Springs
Entity Title:	Not reported
Affiliation Address:	65810 Hacienda Ave
Affiliation City:	Desert Hot Springs
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	92240
Affiliation Phone:	(760) 329-6411
Affiliation Type Desc:	Environmental Contact
Entity Name:	Daniel Porras
Entity Title:	Not reported
Affiliation Address:	65810 Hacienda Ave
Affiliation City:	Desert Hot Springs
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	92240
Affiliation Phone:	Not reported
Affiliation Type Desc:	Legal Owner
Entity Name:	City of Desert Hot Springs
Entity Title:	Not reported
Affiliation Address:	65950 Pierson Blvd
Affiliation City:	Desert Hot Sprgs
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	92240
Affiliation Phone:	(760) 329-6411
Affiliation Type Desc:	Parent Corporation
Entity Name:	City of Desert Hot Springs
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

CA FID UST:

Facility ID:	33007180
Regulated By:	UTNKA
Regulated ID:	00067160
Cortese Code:	Not reported
SIC Code:	Not reported
Facility Phone:	6193296411
Mail To:	Not reported
Mailing Address:	11711 WEST DR

DESERT HOT SPRINGS CITY OF (Continued) **S101590372**

Mailing Address 2: Not reported
Mailing City,St,Zip: DESERT HOT SPGS 92240
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

CERS:
Name: CITY OF DESERT HOT SPRINGS
Address: 65810 HACIENDA AVE
City,State,Zip: DESERT HOT SPRINGS, CA 92240
Site ID: 19507
CERS ID: 10317994
CERS Description: Chemical Storage Facilities

Violations:
Site ID: 19507
Site Name: City of Desert Hot Springs
Violation Date: 01-24-2018
Citation: Un-Specified
Violation Description: Business Plan Program - Operations/Maintenance - General Local Ordinance
Violation Notes: Returned to compliance on 03/13/2018. OBSERVATION: Observed faded NFPA-704 signs located in [[[insert location details]]]. CORRECTIVE ACTION: Owner/operator shall replace all faded or otherwise unrecognizable NFPA-704 signs. Submit photos to this department.
Violation Division: Riverside County Department of Env Health
Violation Program: HMRRP
Violation Source: CERS

Site ID: 19507
Site Name: City of Desert Hot Springs
Violation Date: 08-09-2017
Citation: HSC 6.95 25508.2 - California Health and Safety Code, Chapter 6.95, Section(s) 25508.2
Violation Description: Failure to annually review and electronically certify that the business plan is complete and accurate on or before the annual due date.
Violation Notes: Returned to compliance on 01/11/2018.
Violation Division: Riverside County Department of Env Health
Violation Program: HMRRP
Violation Source: CERS

Site ID: 19507
Site Name: City of Desert Hot Springs
Violation Date: 10-11-2017
Citation: HSC 6.95 25508.2 - California Health and Safety Code, Chapter 6.95, Section(s) 25508.2
Violation Description: Failure to annually review and electronically certify that the business plan is complete and accurate on or before the annual due date.
Violation Notes: Returned to compliance on 01/11/2018.
Violation Division: Riverside County Department of Env Health
Violation Program: HMRRP

DESERT HOT SPRINGS CITY OF (Continued) **S101590372**

Violation Source: CERS

Site ID: 19507
Site Name: City of Desert Hot Springs
Violation Date: 01-24-2018
Citation: HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4)
Violation Description: Failure to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a hazardous material or failure to document and maintain training records for a minimum of three years.
Violation Notes: Not reported
Violation Division: Riverside County Department of Env Health
Violation Program: HMRRP
Violation Source: CERS

Site ID: 19507
Site Name: City of Desert Hot Springs
Violation Date: 01-24-2018
Citation: 22 CCR 15 66265.31 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.31
Violation Description: Failure to maintain and operate the facility to minimize the possibility of a fire, explosion, or any unplanned sudden or non-sudden release of hazardous waste or hazardous waste constituents to air, soil, or surface water which could threaten human health or the environment.
Violation Notes: Not reported
Violation Division: Riverside County Department of Env Health
Violation Program: HW
Violation Source: CERS

Site ID: 19507
Site Name: City of Desert Hot Springs
Violation Date: 01-24-2018
Citation: HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)
Violation Description: Failure to maintain a complete copy of the SPCC Plan at the facility if the facility is normally attended at least four hours per day, or at the nearest field office if the facility is not so attended.
Violation Notes: Not reported
Violation Division: Riverside County Department of Env Health
Violation Program: APSA
Violation Source: CERS

Site ID: 19507
Site Name: City of Desert Hot Springs
Violation Date: 07-05-2017
Citation: HSC 6.95 25508.2 - California Health and Safety Code, Chapter 6.95, Section(s) 25508.2
Violation Description: Failure to annually review and electronically certify that the business plan is complete and accurate on or before the annual due date.
Violation Notes: Returned to compliance on 01/11/2018.
Violation Division: Riverside County Department of Env Health
Violation Program: HMRRP
Violation Source: CERS

DESERT HOT SPRINGS CITY OF (Continued) **S101590372**

Site ID: 19507
Site Name: City of Desert Hot Springs
Violation Date: 01-24-2018
Citation: 40 CFR 1 265.173 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.173
Violation Description: Failure to meet the following container management requirements: (a) A container holding hazardous waste must always be closed during storage, except when it is necessary to add or remove waste. (b) A container holding hazardous waste must not be opened, handled, or stored in a manner which may rupture the container or cause it to leak.
Violation Notes: Not reported
Violation Division: Riverside County Department of Env Health
Violation Program: HW
Violation Source: CERS

Site ID: 19507
Site Name: City of Desert Hot Springs
Violation Date: 01-24-2018
Citation: HSC 6.5 25123.3(h)(1) - California Health and Safety Code, Chapter 6.5, Section(s) 25123.3(h)(1)
Violation Description: Failure to send hazardous waste offsite for treatment, storage, or disposal within 180 days (or 270 days if waste is transported over 200 miles) for a generator who generates less than 1000 kilogram per month if all of the following conditions are met: (1) The quantity of hazardous waste accumulated onsite never exceeds 6,000 kilograms. (2) The generator complies with the requirements of 40 Code of Federal Regulations section 262.34(d), (e) and (f). (3) The generator does not hold acutely hazardous waste or extremely hazardous waste in an amount greater than one kilogram for more than 90 days.
Violation Notes: Not reported
Violation Division: Riverside County Department of Env Health
Violation Program: HW
Violation Source: CERS

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-24-2018
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: routine inspection
Eval Division: Riverside County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 10-11-2017
Violations Found: Yes
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Riverside County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-24-2018
Violations Found: Yes

DESERT HOT SPRINGS CITY OF (Continued) **S101590372**

Eval Type: Routine done by local agency
Eval Notes: routine inspection
Eval Division: Riverside County Department of Env Health
Eval Program: APSA
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 07-05-2017
Violations Found: Yes
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Riverside County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 08-09-2017
Violations Found: Yes
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Riverside County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-24-2018
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: routine inspection
Eval Division: Riverside County Department of Env Health
Eval Program: HW
Eval Source: CERS

Enforcement Action:
Site ID: 19507
Site Name: City of Desert Hot Springs
Site Address: 65810 HACIENDA AVE
Site City: DESERT HOT SPRINGS
Site Zip: 92240
Enf Action Date: 10-11-2017
Enf Action Type: AEO - Unified Program
Enf Action Description: Administrative Enforcement Order Based on the Unified Program Statute
Enf Action Notes: Fines/Penalties Assessed: $1,500.00.
Enf Action Division: Riverside County Department of Env Health
Enf Action Program: HMRRP
Enf Action Source: CERS

Affiliation:
Affiliation Type Desc: CUPA District
Entity Name: Riverside Cnty Env Health
Entity Title: Not reported
Affiliation Address: 4065 County Circle Drive, Room 104
Affiliation City: Riverside
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92503

DESERT HOT SPRINGS CITY OF (Continued) **S101590372**

Affiliation Phone:	(951) 358-5055
Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	65950 Pierson Blvd
Affiliation City:	Desert Hot Sprgs
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	92240
Affiliation Phone:	Not reported
Affiliation Type Desc:	Document Preparer
Entity Name:	Daniel Porras
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Identification Signer
Entity Name:	Daniel Porras
Entity Title:	Community Development Director
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Operator
Entity Name:	Attn: Daniel Porras
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(760) 329-6411
Affiliation Type Desc:	Property Owner
Entity Name:	City of Desert Hot Springs
Entity Title:	Not reported
Affiliation Address:	65810 Hacienda Ave
Affiliation City:	Desert Hot Springs
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	92240
Affiliation Phone:	(760) 329-6411
Affiliation Type Desc:	Environmental Contact
Entity Name:	Daniel Porras
Entity Title:	Not reported
Affiliation Address:	65810 Hacienda Ave
Affiliation City:	Desert Hot Springs

DESERT HOT SPRINGS CITY OF (Continued) **S101590372**

Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92240
Affiliation Phone: Not reported

Affiliation Type Desc: Legal Owner
Entity Name: City of Desert Hot Springs
Entity Title: Not reported
Affiliation Address: 65950 Pierson Blvd
Affiliation City: Desert Hot Sprgs
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 92240
Affiliation Phone: (760) 329-6411

Affiliation Type Desc: Parent Corporation
Entity Name: City of Desert Hot Springs
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

A5 **DESERT HOT SPRINGS CITY YARD** **RGA LUST** **S114610405**
Target **65810 HACIENDA AVE** **N/A**
Property **DESERT HOT SPRINGS, CA**

Site 5 of 8 in cluster A

Actual: **1028 ft.**

RGA LUST:
Name: DESERT HOT SPRINGS CITY YARD
Address: 65810 HACIENDA AVE
City: DESERT HOT SPRINGS
State: DESERT HOT SPRINGS
2012 DESERT HOT SPRINGS CITY YARD 65810 HACIENDA AVE
Name: DESERT HOT SPRINGS CITY YARD
Address: 65810 HACIENDA AVE
City: DESERT HOT SPRINGS
State: DESERT HOT SPRINGS
2011 DESERT HOT SPRINGS CITY YARD 65810 HACIENDA AVE
Name: DESERT HOT SPRINGS CITY YARD
Address: 65810 HACIENDA AVE
City: DESERT HOT SPRINGS
State: DESERT HOT SPRINGS
2010 DESERT HOT SPRINGS CITY YARD 65810 HACIENDA AVE
Name: DESERT HOT SPRINGS CITY YARD
Address: 65810 HACIENDA AVE
City: DESERT HOT SPRINGS
State: DESERT HOT SPRINGS
2009 DESERT HOT SPRINGS CITY YARD 65810 HACIENDA AVE
Name: DESERT HOT SPRINGS CITY YARD
Address: 65810 HACIENDA AVE
City: DESERT HOT SPRINGS
State: DESERT HOT SPRINGS
2008 DESERT HOT SPRINGS CITY YARD 65810 HACIENDA AVE

DESERT HOT SPRINGS CITY YARD (Continued) **S114610405**

Name: DESERT HOT SPRINGS CITY YARD
Address: 65810 HACIENDA AVE
City: DESERT HOT SPRINGS
State: DESERT HOT SPRINGS
2007 DESERT HOT SPRINGS CITY YARD 65810 HACIENDA AVE
Name: DESERT HOT SPRINGS CITY YARD
Address: 65810 HACIENDA AVE
City: DESERT HOT SPRINGS
State: DESERT HOT SPRINGS
2006 DESERT HOT SPRINGS CITY YARD 65810 HACIENDA AVE
Name: DESERT HOT SPRINGS CITY YARD
Address: 65810 HACIENDA AVE
City: DESERT HOT SPRINGS
State: DESERT HOT SPRINGS
2005 DESERT HOT SPRINGS CITY YARD 65810 HACIENDA AVE
Name: DESERT HOT SPRINGS CITY YARD
Address: 65810 HACIENDA AVE
City: DESERT HOT SPRINGS
State: DESERT HOT SPRINGS
2003 DESERT HOT SPRINGS CITY YARD 65810 HACIENDA AVE
Name: DESERT HOT SPRINGS CITY YARD
Address: 65810 HACIENDA AVE
City: DESERT HOT SPRINGS
State: DESERT HOT SPRINGS
2002 DESERT HOT SPRINGS CITY YARD 65810 HACIENDA AVE

A6 **DESERT HOT SPRINGS CITY YARD** **FINDS** **1023228324**
Target **65810 HACIENDA AVE** **N/A**
Property **DESERT HOT SPRINGS, CA 92240**

Site 6 of 8 in cluster A

Actual: 1028 ft.

FINDS:

Registry ID: 110065152211

Environmental Interest/Information System
STATE MASTER

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

A7 **DESERT HOT SPRINGS CITY YARD** **LUST** **S106152893**
Target **65810 HACIENDA AVE** **CERS** **N/A**
Property **DESERT HOT SPRINGS, CA 92240**

Site 7 of 8 in cluster A

Actual: 1028 ft.

LUST:
Name: DESERT HOT SPRINGS CITY YARD
Address: 65810 HACIENDA AVE
City,State,Zip: DESERT HOT SPRINGS, CA 92240
Lead Agency: RIVERSIDE COUNTY LOP
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0606599091

DESERT HOT SPRINGS CITY YARD (Continued) **S106152893**

Global Id:	T0606599091
Latitude:	33.955397164145
Longitude:	-116.513842160605
Status:	Completed - Case Closed
Status Date:	08/05/2000
Case Worker:	RIV
RB Case Number:	7T2240006
Local Agency:	RIVERSIDE COUNTY LOP
File Location:	Local Agency Warehouse
Local Case Number:	200016118
Potential Media Affect:	Soil
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

LUST:

Global Id:	T0606599091
Contact Type:	Regional Board Caseworker
Contact Name:	Phan Le
Organization Name:	COLORADO RIVER BASIN RWQCB (REGION 7)
Address:	73720 FRED WARING DRIVE SUITE #100
City:	PALM DESERT
Email:	phan.le@waterboards.ca.gov
Phone Number:	7607768974

Global Id:	T0606599091
Contact Type:	Local Agency Caseworker
Contact Name:	Riverside County LOP
Organization Name:	RIVERSIDE COUNTY LOP
Address:	3880 LEMON ST SUITE 200
City:	RIVERSIDE
Email:	Not reported
Phone Number:	9519558980

LUST:

Global Id:	T0606599091
Action Type:	ENFORCEMENT
Date:	08/04/2000
Action:	File review - #RCDEH Upload Site File 2/20/2015

Global Id:	T0606599091
Action Type:	Other
Date:	03/13/2000
Action:	Leak Discovery

Global Id:	T0606599091
Action Type:	Other
Date:	02/10/2000
Action:	Leak Stopped

Global Id:	T0606599091
Action Type:	Other
Date:	03/13/2000
Action:	Leak Reported

Global Id:	T0606599091
Action Type:	ENFORCEMENT
Date:	08/05/2000

DESERT HOT SPRINGS CITY YARD (Continued) **S106152893**

Action: Closure/No Further Action Letter - #Riv Co Closure

LUST:
Global Id: T0606599091
Status: Open - Case Begin Date
Status Date: 02/10/2000

Global Id: T0606599091
Status: Open - Site Assessment
Status Date: 03/13/2000

Global Id: T0606599091
Status: Open - Site Assessment
Status Date: 05/11/2000

Global Id: T0606599091
Status: Open - Site Assessment
Status Date: 06/09/2000

Global Id: T0606599091
Status: Completed - Case Closed
Status Date: 08/05/2000

LUST REG 7:
Region: 7
Status: 9 - Case Closed
Case Num: 7T2240006
Substance: Gasoline - Automotive
ID: 702
Global ID: T0606599091
Lead Agency: Local Agency
Case Worker: YO

RIVERSIDE CO. LUST:
Name: DESERT HOT SPRINGS CITY YARD
Address: 65810 HACIENDA AVE
City,State,Zip: DESERT HOT SPRINGS, CA
Region: RIVERSIDE
Facility ID: 200016118
Employee: Shurlow-LOP
Site Closed: Yes
Case Type: Soil only
Facility Status: closed/action completed
Casetype Decode: Soil only is impacted
Fstatus Decode: Closed/Action completed

CERS:
Name: DESERT HOT SPRINGS CITY YARD
Address: 65810 HACIENDA AVE
City,State,Zip: DESERT HOT SPRINGS, CA 92240
Site ID: 237073
CERS ID: T0606599091
CERS Description: Leaking Underground Storage Tank Cleanup Site

DESERT HOT SPRINGS CITY YARD (Continued) **S106152893**

Affiliation:

Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	Phan Le - COLORADO RIVER BASIN RWQCB (REGION 7)
Entity Title:	Not reported
Affiliation Address:	73720 FRED WARING DRIVE SUITE #100
Affiliation City:	PALM DESERT
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	7607768974

Affiliation Type Desc:	Local Agency Caseworker
Entity Name:	Riverside County LOP - RIVERSIDE COUNTY LOP
Entity Title:	Not reported
Affiliation Address:	3880 LEMON ST SUITE 200
Affiliation City:	RIVERSIDE
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	9519558980

A8 **CITY OF DESERT HOT SPRINGS** **AST** **A100339468**
Target **65810 HACIENDA AVE** **N/A**
Property **DESERT HOT SPRINGS, CA 92240**

Site 8 of 8 in cluster A

Actual:
1028 ft.

AST:

Name:	CITY OF DESERT HOT SPRINGS
Address:	65810 HACIENDA AVE
City/Zip:	DESERT HOT SPRINGS,92240
Certified Unified Program Agencies:	Not reported
Owner:	City of Desert Hot Springs
Total Gallons:	Not reported
CERSID:	10317994
Facility ID:	Not reported
Business Name:	City of Desert Hot Springs
Phone:	(760) 329-6411
Fax:	Not reported
Mailing Address:	65950 Pierson Blvd
Mailing Address City:	Desert Hot Sprgs
Mailing Address State:	CA
Mailing Address Zip Code:	92240
Operator Name:	Attn: Daniel Porras
Operator Phone:	760-329-6411
Owner Phone:	760-329-6411
Owner Mail Address:	65950 Pierson Blvd
Owner State:	CA
Owner Zip Code:	92240
Owner Country:	United States
Property Owner Name:	City of Desert Hot Springs
Property Owner Phone:	760-329-6411
Property Owner Mailing Address:	65810 Hacienda Ave
Property Owner City:	Desert Hot Springs
Property Owner Stat :	CA
Property Owner Zip Code:	92240

CITY OF DESERT HOT SPRINGS (Continued) **A100339468**

Property Owner Country:	United States
EPAID:	Not reported
Name:	CITY OF DESERT HOT SPRINGS
Address:	65810 HACIENDA AVE.
City/Zip:	DESERT HOT SPRINGS,
Certified Unified Program Agencies:	Riverside
Owner:	City of Desert Hot Springs
Total Gallons:	2,000
CERSID:	Not reported
Facility ID:	Not reported
Business Name:	Not reported
Phone:	Not reported
Fax:	Not reported
Mailing Address:	Not reported
Mailing Address City:	Not reported
Mailing Address State:	Not reported
Mailing Address Zip Code:	Not reported
Operator Name:	Not reported
Operator Phone:	Not reported
Owner Phone:	Not reported
Owner Mail Address:	Not reported
Owner State:	Not reported
Owner Zip Code:	Not reported
Owner Country:	Not reported
Property Owner Name:	Not reported
Property Owner Phone:	Not reported
Property Owner Mailing Address:	Not reported
Property Owner City:	Not reported
Property Owner Stat :	Not reported
Property Owner Zip Code:	Not reported
Property Owner Country:	Not reported
EPAID:	Not reported

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9 **MARJORIE KIRBY** **RCRA NonGen / NLR** **1024758843**
ENE **66021 ESTRELLA AVENUE** **CAC002978690**
1/8-1/4 **DESERT HOT SPRINGS, CA 92240**
0.157 mi.
827 ft.

Relative:
Higher

Actual:
1028 ft.

RCRA NonGen / NLR:

Date form received by agency:	09/04/2018
Facility name:	MARJORIE KIRBY
Facility address:	66021 ESTRELLA AVENUE DESERT HOT SPRINGS, CA 92240
EPA ID:	CAC002978690
Contact:	MARJORIE KIRBY
Contact address:	66021 ESTRELLA AVENUE DESERT HOT SPRINGS, CA 92240
Contact country:	Not reported
Contact telephone:	310-305-1388
Contact email:	RUTHSAMANO@ALLIANCE-ENVIRO.COM
EPA Region:	09
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

MARJORIE KIRBY (Continued) **1024758843**

Owner/operator name:	MARJORIE KIRBY
Owner/operator address:	66021 ESTRELLA AVENUE DESERT HOT SPRINGS, CA 92240
Owner/operator country:	Not reported
Owner/operator telephone:	310-305-1388
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Other
Owner/Operator Type:	Operator
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Owner/operator name:	MARJORIE KIRBY
Owner/operator address:	66021 ESTRELLA AVENUE DESERT HOT SPRINGS, CA 92240
Owner/operator country:	Not reported
Owner/operator telephone:	310-305-1388
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Other
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

Violation Status: No violations found

---

10 North 1/4-1/2 0.385 mi. 2031 ft.

DESERT HOT SPRINGS HIGH SCHOOL
65850 PIERSON BOULEVARD
DESERT HOT SPRINGS, CA 92240

ENVIROSTOR SCH **S118756755 N/A**

Relative: Higher

Actual: 1072 ft.

ENVIROSTOR:

Name:	DESERT HOT SPRINGS HIGH SCHOOL
Address:	65850 PIERSON BOULEVARD
City,State,Zip:	DESERT HOT SPRINGS, CA 92240
Facility ID:	33820014
Status:	No Action Required
Status Date:	05/06/2003

DESERT HOT SPRINGS HIGH SCHOOL (Continued) **S118756755**

Site Code: 404383
Site Type: School Investigation
Site Type Detailed: School
Acres: 50
NPL: NO
Regulatory Agencies: DTSC
Lead Agency: DTSC
Program Manager: Not reported
Supervisor: Javier Hinojosa
Division Branch: Southern California Schools & Brownfields Outreach
Assembly: 56
Senate: 28
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: School District
Latitude: 33.96168
Longitude: -116.5170
APN: NONE SPECIFIED
Past Use: * EDUCATIONAL SERVICES
Potential COC: NONE SPECIFIED No Contaminants found
Confirmed COC: NONE SPECIFIED
Potential Description: NMA
Alias Name: DESERT HOT SPRINGS HIGH SCHOOL
Alias Type: Alternate Name
Alias Name: PALM SPRINGS UNIFIED SCHOOL DISTRICT
Alias Type: Alternate Name
Alias Name: PALM SPRINGS USD-DESERT HOT SPRINGS HIGH
Alias Type: Alternate Name
Alias Name: 404383
Alias Type: Project Code (Site Code)
Alias Name: 33820014
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1
Completed Date: 10/04/2002
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1 Addendum
Completed Date: 05/06/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Environmental Oversight Agreement
Completed Date: 03/20/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 08/11/2003
Comments: Not reported

DESERT HOT SPRINGS HIGH SCHOOL (Continued) **S118756755**

Future Area Name:	Not reported
Future Sub Area Name:	Not reported
Future Document Type:	Not reported
Future Due Date:	Not reported
Schedule Area Name:	Not reported
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Not reported
Schedule Due Date:	Not reported
Schedule Revised Date:	Not reported

SCH:

Name:	DESERT HOT SPRINGS HIGH SCHOOL
Address:	65850 PIERSON BOULEVARD
City,State,Zip:	DESERT HOT SPRINGS, CA 92240
Facility ID:	33820014
Site Type:	School Investigation
Site Type Detail:	School
Site Mgmt. Req.:	NONE SPECIFIED
Acres:	50
National Priorities List:	NO
Cleanup Oversight Agencies:	DTSC
Lead Agency:	DTSC
Lead Agency Description:	* DTSC
Project Manager:	Not reported
Supervisor:	Javier Hinojosa
Division Branch:	Southern California Schools & Brownfields Outreach
Site Code:	404383
Assembly:	56
Senate:	28
Special Program Status:	Not reported
Status:	No Action Required
Status Date:	05/06/2003
Restricted Use:	NO
Funding:	School District
Latitude:	33.96168
Longitude:	-116.5170
APN:	NONE SPECIFIED
Past Use:	* EDUCATIONAL SERVICES
Potential COC:	NONE SPECIFIED, No Contaminants found
Confirmed COC:	NONE SPECIFIED
Potential Description:	NMA
Alias Name:	DESERT HOT SPRINGS HIGH SCHOOL
Alias Type:	Alternate Name
Alias Name:	PALM SPRINGS UNIFIED SCHOOL DISTRICT
Alias Type:	Alternate Name
Alias Name:	PALM SPRINGS USD-DESERT HOT SPRINGS HIGH
Alias Type:	Alternate Name
Alias Name:	404383
Alias Type:	Project Code (Site Code)
Alias Name:	33820014
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Phase 1

DESERT HOT SPRINGS HIGH SCHOOL (Continued) **S118756755**

Completed Date: 10/04/2002
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1 Addendum
Completed Date: 05/06/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Environmental Oversight Agreement
Completed Date: 03/20/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 08/11/2003
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

11
NNE
1/2-1
0.548 mi.
2895 ft.

EDWARD L. WENZLAFF ELEMENTARY SCHOOL MODERNIZATION **ENVIROSTOR SCH** **S118757208 N/A**
11625 WEST DRIVE
DESERT HOT SPRINGS, CA 92240

Relative: Higher

Actual: 1102 ft.

ENVIROSTOR:
Name: EDWARD L. WENZLAFF ELEMENTARY SCHOOL MODERNIZATION
Address: 11625 WEST DRIVE
City,State,Zip: DESERT HOT SPRINGS, CA 92240
Facility ID: 60001140
Status: No Action Required
Status Date: 12/22/2009
Site Code: 404836
Site Type: School Investigation
Site Type Detailed: School
Acres: 9
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Angela Garcia
Supervisor: Shahir Haddad
Division Branch: Southern California Schools & Brownfields Outreach
Assembly: 56
Senate: 28
Special Program: Not reported
Restricted Use: NO

EDWARD L. WENZLAFF ELEMENTARY SCHOOL MODERNIZATION (Continued) **S118757208**

Site Mgmt Req: NONE SPECIFIED
Funding: School District
Latitude: 33.96471
Longitude: -116.5104
APN: NONE SPECIFIED
Past Use: SCHOOL - ELEMENTARY
Potential COC: Arsenic Chlordane Lead
Confirmed COC: 30001-NO 30004-NO 30013-NO
Potential Description: SOIL
Alias Name: 404836
Alias Type: Project Code (Site Code)
Alias Name: 60001140
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 12/22/2009
Comments: DTSC prepared project close out Cost Recovery Unit Memorandum.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1
Completed Date: 08/12/2009
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 11/04/2009
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 09/10/2009
Comments: Field work activities for the Phase one Addendum where implemented on September 9 through September 10th.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1 Addendum
Completed Date: 12/14/2009
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

SCH:

EDWARD L. WENZLAFF ELEMENTARY SCHOOL MODERNIZATION (Continued) **S118757208**

Name:	EDWARD L. WENZLAFF ELEMENTARY SCHOOL MODERNIZATION
Address:	11625 WEST DRIVE
City,State,Zip:	DESERT HOT SPRINGS, CA 92240
Facility ID:	60001140
Site Type:	School Investigation
Site Type Detail:	School
Site Mgmt. Req.:	NONE SPECIFIED
Acres:	9
National Priorities List:	NO
Cleanup Oversight Agencies:	SMBRP
Lead Agency:	SMBRP
Lead Agency Description:	DTSC - Site Cleanup Program
Project Manager:	Angela Garcia
Supervisor:	Shahir Haddad
Division Branch:	Southern California Schools & Brownfields Outreach
Site Code:	404836
Assembly:	56
Senate:	28
Special Program Status:	Not reported
Status:	No Action Required
Status Date:	12/22/2009
Restricted Use:	NO
Funding:	School District
Latitude:	33.96471
Longitude:	-116.5104
APN:	NONE SPECIFIED
Past Use:	SCHOOL - ELEMENTARY
Potential COC:	Arsenic, Chlordane, Lead
Confirmed COC:	30001-NO, 30004-NO, 30013-NO
Potential Description:	SOIL
Alias Name:	404836
Alias Type:	Project Code (Site Code)
Alias Name:	60001140
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Cost Recovery Closeout Memo
Completed Date:	12/22/2009
Comments:	DTSC prepared project close out Cost Recovery Unit Memorandum.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Phase 1
Completed Date:	08/12/2009
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Other Report
Completed Date:	11/04/2009
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Fieldwork
Completed Date:	09/10/2009

EDWARD L. WENZLAFF ELEMENTARY SCHOOL MODERNIZATION (Continued) **S118757208**

Comments:	Field work activities for the Phase one Addendum where implemented on September 9 through September 10th.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Phase 1 Addendum
Completed Date:	12/14/2009
Comments:	Not reported
Future Area Name:	Not reported
Future Sub Area Name:	Not reported
Future Document Type:	Not reported
Future Due Date:	Not reported
Schedule Area Name:	Not reported
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Not reported
Schedule Due Date:	Not reported
Schedule Revised Date:	Not reported

12
East
1/2-1
0.616 mi.
3252 ft.

ARCO FACILITY #1968 **Notify 65** **S100179585**
12775 PALM DRIVE **N/A**
DESERT HOT SPRINGS, CA 92240

Relative:
Lower

Actual:
1005 ft.

NOTIFY 65:

Date Reported:	Not reported
Staff Initials:	Not reported
Board File Number:	Not reported
Facility Type:	Not reported
Discharge Date:	Not reported
Issue Date:	Not reported
Incident Description:	Not reported

13
NW
1/2-1
0.620 mi.
3275 ft.

CAMP ANZA **FUDS** **1007212243**
N/A

RIVERSIDE, CA

Relative:
Higher

Actual:
1100 ft.

FUDS:

EPA Region:	9
Installation ID:	CA99799F539200
Congressional District Number:	41
Facility Name:	CAMP ANZA
FUDS Number:	J09CA0267
City:	RIVERSIDE
State:	CA
County:	RIVERSIDE COUNTY
Telephone:	213-452-3920
USACE Division:	South Pacific Division (SPD)
USACE District:	Los Angeles District (SPL)
Status:	Properties with projects
Current Owner:	Local Government
X Coord:	-13075834.7649743
Y Coord:	4021605.6335210698

CAMP ANZA (Continued) **1007212243**

Latitude: 33.946388890000001
Longitude: -117.46222222

FUDS Detail as of Jan 2015:
Fiscal Year: 2013
Federal Facility ID: CA9799F5392
RAB: Not reported
NPL Status: Not Listed
Description: The site is located 45 miles east of Los Angeles in the Arlanza Village District in the city of Riverside, California. The entire camp consisted of 1240 acres. The 1240 acres which were once Camp Anza, are now under numerous ownerships, most of them private residence.
History: The property was acquired from private owners in 1942 and 1943 and was categorized as surplus on 12 February 1946. There now are numerous ownerships of properties that once were part of Camp Anza. The portion that contains the sewage treatment plant is owned by the Parks and Recreation Department of the City of Riverside.
CTC: 3249.5999999999999
Current Program: Not reported
Future Program: Not reported
Institutional ID: 57119

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14 **BILL'S GARAGE** **LUST** **S100225036**
NE **11875 PALM DRIVE** **HIST CORTESE** **N/A**
1/2-1 **DESERT HOT SPRINGS, CA 92240** **Notify 65**
0.752 mi. **CERS**
3969 ft.

Relative: Higher
Actual: 1093 ft.

LUST:
Name: BILL'S GARAGE
Address: 11875 PALM DRIVE
City,State,Zip: DESERT HOT SPRINGS, CA 92240
Lead Agency: RIVERSIDE COUNTY LOP
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0606500962
Global Id: T0606500962
Latitude: 33.9622248538834
Longitude: -116.5015366331
Status: Completed - Case Closed
Status Date: 07/21/1992
Case Worker: RIV
RB Case Number: 7T2240001
Local Agency: RIVERSIDE COUNTY LOP
File Location: Local Agency Warehouse
Local Case Number: 89717
Potential Media Affect: Soil
Potential Contaminants of Concern: Gasoline
Site History: Not reported

LUST:
Global Id: T0606500962
Contact Type: Regional Board Caseworker
Contact Name: Phan Le
Organization Name: COLORADO RIVER BASIN RWQCB (REGION 7)
Address: 73720 FRED WARING DRIVE SUITE #100
City: PALM DESERT
Email: phan.le@waterboards.ca.gov
Phone Number: 7607768974

BILL'S GARAGE (Continued) **S100225036**

Global Id: T0606500962
Contact Type: Local Agency Caseworker
Contact Name: Riverside County LOP
Organization Name: RIVERSIDE COUNTY LOP
Address: 3880 LEMON ST SUITE 200
City: RIVERSIDE
Email: Not reported
Phone Number: 9519558980

LUST:
Global Id: T0606500962
Action Type: ENFORCEMENT
Date: 08/24/1989
Action: Closure/No Further Action Letter - #Riv Co Closure

Global Id: T0606500962
Action Type: ENFORCEMENT
Date: 08/23/1989
Action: File review - #RCDEH Upload Site File 4/12/2010

Global Id: T0606500962
Action Type: Other
Date: 05/30/1989
Action: Leak Discovery

Global Id: T0606500962
Action Type: Other
Date: 07/24/1989
Action: Leak Stopped

Global Id: T0606500962
Action Type: Other
Date: 07/24/1989
Action: Leak Reported

LUST:
Global Id: T0606500962
Status: Open - Case Begin Date
Status Date: 05/30/1989

Global Id: T0606500962
Status: Completed - Case Closed
Status Date: 07/21/1992

RIVERSIDE CO. LUST:
Name: BILL'S GARAGE
Address: 11875 PALM DR
City,State,Zip: DESERT HOT SPRINGS, CA
Region: RIVERSIDE
Facility ID: 89717
Employee: Rogers
Site Closed: Yes
Case Type: Soil only
Facility Status: closed/action completed
Casetype Decode: Soil only is impacted

BILL'S GARAGE (Continued) **S100225036**

Fstatus Decode: Closed/Action completed

HIST CORTESE:
edr_fname: BILL'S GARAGE
edr_fadd1: 11875 PALM
City,State,Zip: DESERT HOT SPRINGS, CA
Region: CORTESE
Facility County Code: 33
Reg By: LTNKA
Reg Id: 7T2240001

NOTIFY 65:
Date Reported: Not reported
Staff Initials: Not reported
Board File Number: Not reported
Facility Type: Not reported
Discharge Date: Not reported
Issue Date: Not reported
Incident Description: Not reported

CERS:
Name: BILL'S GARAGE
Address: 11875 PALM DRIVE
City,State,Zip: DESERT HOT SPRINGS, CA 92240
Site ID: 235119
CERS ID: T0606500962
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
Affiliation Type Desc: Regional Board Caseworker
Entity Name: Phan Le - COLORADO RIVER BASIN RWQCB (REGION 7)
Entity Title: Not reported
Affiliation Address: 73720 FRED WARING DRIVE SUITE #100
Affiliation City: PALM DESERT
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 7607768974

Affiliation Type Desc: Local Agency Caseworker
Entity Name: Riverside County LOP - RIVERSIDE COUNTY LOP
Entity Title: Not reported
Affiliation Address: 3880 LEMON ST SUITE 200
Affiliation City: RIVERSIDE
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 9519558980

Count: 0 records. ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
		NO SITES FOUND			

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Number of Days to Update: Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL: National Priority List

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 04/11/2019
Date Data Arrived at EDR: 04/18/2019
Date Made Active in Reports: 05/14/2019
Number of Days to Update: 26

Source: EPA
Telephone: N/A
Last EDR Contact: 07/02/2019
Next Scheduled EDR Contact: 10/14/2019
Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)
Telephone: 202-564-7333

EPA Region 1
Telephone 617-918-1143

EPA Region 6
Telephone: 214-655-6659

EPA Region 3
Telephone 215-814-5418

EPA Region 7
Telephone: 913-551-7247

EPA Region 4
Telephone 404-562-8033

EPA Region 8
Telephone: 303-312-6774

EPA Region 5
Telephone 312-886-6686

EPA Region 9
Telephone: 415-947-4246

EPA Region 10
Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 04/11/2019
Date Data Arrived at EDR: 04/18/2019
Date Made Active in Reports: 05/14/2019
Number of Days to Update: 26

Source: EPA
Telephone: N/A
Last EDR Contact: 07/02/2019
Next Scheduled EDR Contact: 10/14/2019
Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/1991
Date Data Arrived at EDR: 02/02/1994
Date Made Active in Reports: 03/30/1994
Number of Days to Update: 56

Source: EPA
Telephone: 202-564-4267
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

Federal Delisted NPL site list

Delisted NPL: National Priority List Deletions

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 04/11/2019
Date Data Arrived at EDR: 04/18/2019
Date Made Active in Reports: 05/14/2019
Number of Days to Update: 26

Source: EPA
Telephone: N/A
Last EDR Contact: 07/02/2019
Next Scheduled EDR Contact: 10/14/2019
Data Release Frequency: Quarterly

Federal CERCLIS list

FEDERAL FACILITY: Federal Facility Site Information listing

A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPA Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 04/03/2019
Date Data Arrived at EDR: 04/05/2019
Date Made Active in Reports: 05/14/2019
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 703-603-8704
Last EDR Contact: 07/03/2019
Next Scheduled EDR Contact: 10/14/2019
Data Release Frequency: Varies

SEMS: Superfund Enterprise Management System

SEMS (Superfund Enterprise Management System) tracks hazardous waste sites, potentially hazardous waste sites, and remedial activities performed in support of EPA's Superfund Program across the United States. The list was formerly know as CERCLIS, renamed to SEMS by the EPA in 2015. The list contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). This dataset also contains sites which are either proposed to or on the National Priorities List (NPL) and the sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 04/11/2019
Date Data Arrived at EDR: 04/18/2019
Date Made Active in Reports: 05/23/2019
Number of Days to Update: 35

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 07/02/2019
Next Scheduled EDR Contact: 10/28/2019
Data Release Frequency: Quarterly

Federal CERCLIS NFRAP site list

SEMS-ARCHIVE: Superfund Enterprise Management System Archive

SEMS-ARCHIVE (Superfund Enterprise Management System Archive) tracks sites that have no further interest under the Federal Superfund Program based on available information. The list was formerly known as the CERCLIS-NFRAP, renamed to SEMS ARCHIVE by the EPA in 2015. EPA may perform a minimal level of assessment work at a site while it is archived if site conditions change and/or new information becomes available. Archived sites have been removed and archived from the inventory of SEMS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list the site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. The decision does not necessarily mean that there is no hazard associated with a given site; it only means that. based upon available information, the location is not judged to be potential NPL site.

Date of Government Version: 04/11/2019
Date Data Arrived at EDR: 04/18/2019
Date Made Active in Reports: 05/23/2019
Number of Days to Update: 35

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 07/02/2019
Next Scheduled EDR Contact: 10/28/2019
Data Release Frequency: Quarterly

Federal RCRA CORRACTS facilities list

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 03/25/2019
Date Data Arrived at EDR: 03/27/2019
Date Made Active in Reports: 04/17/2019
Number of Days to Update: 21

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 06/26/2019
Next Scheduled EDR Contact: 10/07/2019
Data Release Frequency: Quarterly

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 03/25/2019
Date Data Arrived at EDR: 03/27/2019
Date Made Active in Reports: 04/17/2019
Number of Days to Update: 21

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 06/26/2019
Next Scheduled EDR Contact: 10/07/2019
Data Release Frequency: Quarterly

Federal RCRA generators list

RCRA-LQG: RCRA - Large Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

Date of Government Version: 03/25/2019
Date Data Arrived at EDR: 03/27/2019
Date Made Active in Reports: 04/17/2019
Number of Days to Update: 21

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 06/26/2019
Next Scheduled EDR Contact: 10/07/2019
Data Release Frequency: Quarterly

RCRA-SQG: RCRA - Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

Date of Government Version: 03/25/2019
Date Data Arrived at EDR: 03/27/2019
Date Made Active in Reports: 04/17/2019
Number of Days to Update: 21

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 06/26/2019
Next Scheduled EDR Contact: 10/07/2019
Data Release Frequency: Quarterly

RCRA-CESQG: RCRA - Conditionally Exempt Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 03/25/2019
Date Data Arrived at EDR: 03/27/2019
Date Made Active in Reports: 04/17/2019
Number of Days to Update: 21

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 06/26/2019
Next Scheduled EDR Contact: 10/07/2019
Data Release Frequency: Quarterly

Federal institutional controls / engineering controls registries

LUCIS: Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 02/22/2019
Date Data Arrived at EDR: 03/07/2019
Date Made Active in Reports: 04/17/2019
Number of Days to Update: 41

Source: Department of the Navy
Telephone: 843-820-7326
Last EDR Contact: 05/10/2019
Next Scheduled EDR Contact: 08/26/2019
Data Release Frequency: Varies

US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 01/31/2019
Date Data Arrived at EDR: 02/04/2019
Date Made Active in Reports: 03/08/2019
Number of Days to Update: 32

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 05/29/2019
Next Scheduled EDR Contact: 09/09/2019
Data Release Frequency: Varies

US INST CONTROL: Sites with Institutional Controls

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 01/31/2019
Date Data Arrived at EDR: 02/04/2019
Date Made Active in Reports: 03/08/2019
Number of Days to Update: 32

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 05/29/2019
Next Scheduled EDR Contact: 09/09/2019
Data Release Frequency: Varies

Federal ERNS list

ERNS: Emergency Response Notification System

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 03/25/2019
Date Data Arrived at EDR: 03/26/2019
Date Made Active in Reports: 05/01/2019
Number of Days to Update: 36

Source: National Response Center, United States Coast Guard
Telephone: 202-267-2180
Last EDR Contact: 06/26/2019
Next Scheduled EDR Contact: 10/07/2019
Data Release Frequency: Quarterly

State- and tribal - equivalent NPL

RESPONSE: State Response Sites

Identifies confirmed release sites where DTSC is involved in remediation, either in a lead or oversight capacity. These confirmed release sites are generally high-priority and high potential risk.

Date of Government Version: 04/29/2019
Date Data Arrived at EDR: 04/30/2019
Date Made Active in Reports: 06/27/2019
Number of Days to Update: 58

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 04/30/2019
Next Scheduled EDR Contact: 08/12/2019
Data Release Frequency: Quarterly

State- and tribal - equivalent CERCLIS

ENVIROSTOR: EnviroStor Database

The Department of Toxic Substances Control's (DTSC's) Site Mitigation and Brownfields Reuse Program's (SMBRP's) EnviroStor database identifes sites that have known contamination or sites for which there may be reasons to investigate further. The database includes the following site types: Federal Superfund sites (National Priorities List (NPL)); State Response, including Military Facilities and State Superfund; Voluntary Cleanup; and School sites. EnviroStor provides similar information to the information that was available in CalSites, and provides additional site information, including, but not limited to, identification of formerly-contaminated properties that have been released for reuse, properties where environmental deed restrictions have been recorded to prevent inappropriate land uses, and risk characterization information that is used to assess potential impacts to public health and the environment at contaminated sites.

Date of Government Version: 04/29/2019
Date Data Arrived at EDR: 04/30/2019
Date Made Active in Reports: 06/27/2019
Number of Days to Update: 58

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 04/30/2019
Next Scheduled EDR Contact: 08/12/2019
Data Release Frequency: Quarterly

State and tribal landfill and/or solid waste disposal site lists

SWF/LF (SWIS): Solid Waste Information System

Active, Closed and Inactive Landfills. SWF/LF records typically contain an inve ntory of solid waste disposal facilities or landfills. These may be active or i nactive facilities or open dumps that failed to meet RCRA Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 05/13/2019
Date Data Arrived at EDR: 05/14/2019
Date Made Active in Reports: 07/17/2019
Number of Days to Update: 64

Source: Department of Resources Recycling and Recovery
Telephone: 916-341-6320
Last EDR Contact: 05/14/2019
Next Scheduled EDR Contact: 08/26/2019
Data Release Frequency: Quarterly

State and tribal leaking storage tank lists

LUST REG 6L: Leaking Underground Storage Tank Case Listing
For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 09/09/2003
Date Data Arrived at EDR: 09/10/2003
Date Made Active in Reports: 10/07/2003
Number of Days to Update: 27

Source: California Regional Water Quality Control Board Lahontan Region (6)
Telephone: 530-542-5572
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

LUST REG 7: Leaking Underground Storage Tank Case Listing
Leaking Underground Storage Tank locations. Imperial, Riverside, San Diego, Santa Barbara counties.

Date of Government Version: 02/26/2004
Date Data Arrived at EDR: 02/26/2004
Date Made Active in Reports: 03/24/2004
Number of Days to Update: 27

Source: California Regional Water Quality Control Board Colorado River Basin Region (7)
Telephone: 760-776-8943
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

LUST REG 8: Leaking Underground Storage Tanks
California Regional Water Quality Control Board Santa Ana Region (8). For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 02/14/2005
Date Data Arrived at EDR: 02/15/2005
Date Made Active in Reports: 03/28/2005
Number of Days to Update: 41

Source: California Regional Water Quality Control Board Santa Ana Region (8)
Telephone: 909-782-4496
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

LUST REG 5: Leaking Underground Storage Tank Database
Leaking Underground Storage Tank locations. Alameda, Alpine, Amador, Butte, Colusa, Contra Costa, Calveras, El Dorado, Fresno, Glenn, Kern, Kings, Lake, Lassen, Madera, Mariposa, Merced, Modoc, Napa, Nevada, Placer, Plumas, Sacramento, San Joaquin, Shasta, Solano, Stanislaus, Sutter, Tehama, Tulare, Tuolumne, Yolo, Yuba counties.

Date of Government Version: 07/01/2008
Date Data Arrived at EDR: 07/22/2008
Date Made Active in Reports: 07/31/2008
Number of Days to Update: 9

Source: California Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-464-4834
Last EDR Contact: 07/01/2011
Next Scheduled EDR Contact: 10/17/2011
Data Release Frequency: No Update Planned

LUST REG 4: Underground Storage Tank Leak List
Los Angeles, Ventura counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 09/07/2004
Date Data Arrived at EDR: 09/07/2004
Date Made Active in Reports: 10/12/2004
Number of Days to Update: 35

Source: California Regional Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6710
Last EDR Contact: 09/06/2011
Next Scheduled EDR Contact: 12/19/2011
Data Release Frequency: No Update Planned

LUST REG 3: Leaking Underground Storage Tank Database
Leaking Underground Storage Tank locations. Monterey, San Benito, San Luis Obispo, Santa Barbara, Santa Cruz counties.

Date of Government Version: 05/19/2003
Date Data Arrived at EDR: 05/19/2003
Date Made Active in Reports: 06/02/2003
Number of Days to Update: 14

Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-542-4786
Last EDR Contact: 07/18/2011
Next Scheduled EDR Contact: 10/31/2011
Data Release Frequency: No Update Planned

LUST: Leaking Underground Fuel Tank Report (GEOTRACKER)
Leaking Underground Storage Tank (LUST) Sites included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 12/10/2018
Date Data Arrived at EDR: 12/11/2018
Date Made Active in Reports: 01/15/2019
Number of Days to Update: 35

Source: State Water Resources Control Board
Telephone: see region list
Last EDR Contact: 06/11/2019
Next Scheduled EDR Contact: 09/23/2019
Data Release Frequency: Quarterly

LUST REG 6V: Leaking Underground Storage Tank Case Listing
Leaking Underground Storage Tank locations. Inyo, Kern, Los Angeles, Mono, San Bernardino counties.

Date of Government Version: 06/07/2005
Date Data Arrived at EDR: 06/07/2005
Date Made Active in Reports: 06/29/2005
Number of Days to Update: 22

Source: California Regional Water Quality Control Board Victorville Branch Office (6)
Telephone: 760-241-7365
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

LUST REG 1: Active Toxic Site Investigation
Del Norte, Humboldt, Lake, Mendocino, Modoc, Siskiyou, Sonoma, Trinity counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 02/01/2001
Date Data Arrived at EDR: 02/28/2001
Date Made Active in Reports: 03/29/2001
Number of Days to Update: 29

Source: California Regional Water Quality Control Board North Coast (1)
Telephone: 707-570-3769
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

LUST REG 2: Fuel Leak List
Leaking Underground Storage Tank locations. Alameda, Contra Costa, Marin, Napa, San Francisco, San Mateo, Santa Clara, Solano, Sonoma counties.

Date of Government Version: 09/30/2004
Date Data Arrived at EDR: 10/20/2004
Date Made Active in Reports: 11/19/2004
Number of Days to Update: 30

Source: California Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-622-2433
Last EDR Contact: 09/19/2011
Next Scheduled EDR Contact: 01/02/2012
Data Release Frequency: No Update Planned

LUST REG 9: Leaking Underground Storage Tank Report
Orange, Riverside, San Diego counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 03/01/2001
Date Data Arrived at EDR: 04/23/2001
Date Made Active in Reports: 05/21/2001
Number of Days to Update: 28

Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-637-5595
Last EDR Contact: 09/26/2011
Next Scheduled EDR Contact: 01/09/2012
Data Release Frequency: No Update Planned

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 10/17/2018
Date Data Arrived at EDR: 03/07/2019
Date Made Active in Reports: 05/01/2019
Number of Days to Update: 55

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 07/24/2019
Next Scheduled EDR Contact: 11/04/2019
Data Release Frequency: Varies

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 10/10/2018
Date Data Arrived at EDR: 03/08/2019
Date Made Active in Reports: 05/01/2019
Number of Days to Update: 54

Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 07/24/2019
Next Scheduled EDR Contact: 11/04/2019
Data Release Frequency: Varies

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 10/16/2018
Date Data Arrived at EDR: 03/07/2019
Date Made Active in Reports: 05/01/2019
Number of Days to Update: 55
Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 07/24/2019
Next Scheduled EDR Contact: 11/04/2019
Data Release Frequency: Varies

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 02/19/2019
Date Data Arrived at EDR: 03/07/2019
Date Made Active in Reports: 05/01/2019
Number of Days to Update: 55
Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 07/24/2019
Next Scheduled EDR Contact: 11/04/2019
Data Release Frequency: Varies

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 11/01/2018
Date Data Arrived at EDR: 03/07/2019
Date Made Active in Reports: 05/01/2019
Number of Days to Update: 55
Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 07/24/2019
Next Scheduled EDR Contact: 11/04/2019
Data Release Frequency: Varies

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 09/24/2018
Date Data Arrived at EDR: 03/12/2019
Date Made Active in Reports: 05/01/2019
Number of Days to Update: 50
Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 07/23/2019
Next Scheduled EDR Contact: 11/04/2019
Data Release Frequency: Varies

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land
A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 10/13/2018
Date Data Arrived at EDR: 03/07/2019
Date Made Active in Reports: 05/01/2019
Number of Days to Update: 55
Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 07/24/2019
Next Scheduled EDR Contact: 11/04/2019
Data Release Frequency: Varies

INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land
Leaking underground storage tanks located on Indian Land in Michigan, Minnesota and Wisconsin.

Date of Government Version: 10/12/2018
Date Data Arrived at EDR: 03/07/2019
Date Made Active in Reports: 05/01/2019
Number of Days to Update: 55
Source: EPA, Region 5
Telephone: 312-886-7439
Last EDR Contact: 07/24/2019
Next Scheduled EDR Contact: 11/04/2019
Data Release Frequency: Varies

CPS-SLIC: Statewide SLIC Cases (GEOTRACKER)
Cleanup Program Sites (CPS; also known as Site Cleanups [SC] and formerly known as Spills, Leaks, Investigations, and Cleanups [SLIC] sites) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 12/10/2018
Date Data Arrived at EDR: 12/11/2018
Date Made Active in Reports: 01/15/2019
Number of Days to Update: 35
Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 06/11/2019
Next Scheduled EDR Contact: 09/23/2019
Data Release Frequency: Varies

SLIC REG 1: Active Toxic Site Investigations

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/03/2003
Date Data Arrived at EDR: 04/07/2003
Date Made Active in Reports: 04/25/2003
Number of Days to Update: 18

Source: California Regional Water Quality Control Board, North Coast Region (1)
Telephone: 707-576-2220
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

SLIC REG 2: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/30/2004
Date Data Arrived at EDR: 10/20/2004
Date Made Active in Reports: 11/19/2004
Number of Days to Update: 30

Source: Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-286-0457
Last EDR Contact: 09/19/2011
Next Scheduled EDR Contact: 01/02/2012
Data Release Frequency: No Update Planned

SLIC REG 3: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 05/18/2006
Date Data Arrived at EDR: 05/18/2006
Date Made Active in Reports: 06/15/2006
Number of Days to Update: 28

Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-549-3147
Last EDR Contact: 07/18/2011
Next Scheduled EDR Contact: 10/31/2011
Data Release Frequency: No Update Planned

SLIC REG 4: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 11/17/2004
Date Data Arrived at EDR: 11/18/2004
Date Made Active in Reports: 01/04/2005
Number of Days to Update: 47

Source: Region Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6600
Last EDR Contact: 07/01/2011
Next Scheduled EDR Contact: 10/17/2011
Data Release Frequency: No Update Planned

SLIC REG 5: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/01/2005
Date Data Arrived at EDR: 04/05/2005
Date Made Active in Reports: 04/21/2005
Number of Days to Update: 16

Source: Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-464-3291
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

SLIC REG 6V: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 05/24/2005
Date Data Arrived at EDR: 05/25/2005
Date Made Active in Reports: 06/16/2005
Number of Days to Update: 22

Source: Regional Water Quality Control Board, Victorville Branch
Telephone: 619-241-6583
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

SLIC REG 6L: SLIC Sites
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/07/2004
Date Data Arrived at EDR: 09/07/2004
Date Made Active in Reports: 10/12/2004
Number of Days to Update: 35
Source: California Regional Water Quality Control Board, Lahontan Region
Telephone: 530-542-5574
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

SLIC REG 7: SLIC List
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 11/24/2004
Date Data Arrived at EDR: 11/29/2004
Date Made Active in Reports: 01/04/2005
Number of Days to Update: 36
Source: California Regional Quality Control Board, Colorado River Basin Region
Telephone: 760-346-7491
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

SLIC REG 8: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/03/2008
Date Data Arrived at EDR: 04/03/2008
Date Made Active in Reports: 04/14/2008
Number of Days to Update: 11
Source: California Region Water Quality Control Board Santa Ana Region (8)
Telephone: 951-782-3298
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

SLIC REG 9: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/10/2007
Date Data Arrived at EDR: 09/11/2007
Date Made Active in Reports: 09/28/2007
Number of Days to Update: 17
Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-467-2980
Last EDR Contact: 08/08/2011
Next Scheduled EDR Contact: 11/21/2011
Data Release Frequency: No Update Planned

State and tribal registered storage tank lists

FEMA UST: Underground Storage Tank Listing
A listing of all FEMA owned underground storage tanks.

Date of Government Version: 05/15/2017
Date Data Arrived at EDR: 05/30/2017
Date Made Active in Reports: 10/13/2017
Number of Days to Update: 136
Source: FEMA
Telephone: 202-646-5797
Last EDR Contact: 07/10/2019
Next Scheduled EDR Contact: 10/21/2019
Data Release Frequency: Varies

MILITARY UST SITES: Military UST Sites (GEOTRACKER)
Military ust sites

Date of Government Version: 06/10/2019
Date Data Arrived at EDR: 06/11/2019
Date Made Active in Reports: 07/24/2019
Number of Days to Update: 43
Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 06/11/2019
Next Scheduled EDR Contact: 09/23/2019
Data Release Frequency: Varies

UST CLOSURE: Proposed Closure of Underground Storage Tank (UST) Cases

UST cases that are being considered for closure by either the State Water Resources Control Board or the Executive Director have been posted for a 60-day public comment period. UST Case Closures being proposed for consideration by the State Water Resources Control Board. These are primarily UST cases that meet closure criteria under the decisional framework in State Water Board Resolution No. 92-49 and other Board orders. UST Case Closures proposed for consideration by the Executive Director pursuant to State Water Board Resolution No. 2012-0061. These are cases that meet the criteria of the Low-Threat UST Case Closure Policy. UST Case Closure Review Denials and Approved Orders.

Date of Government Version: 06/10/2019
Date Data Arrived at EDR: 06/12/2019
Date Made Active in Reports: 07/23/2019
Number of Days to Update: 41

Source: State Water Resources Control Board
Telephone: 916-327-7844
Last EDR Contact: 06/12/2019
Next Scheduled EDR Contact: 09/23/2019
Data Release Frequency: Varies

UST: Active UST Facilities

Active UST facilities gathered from the local regulatory agencies

Date of Government Version: 06/10/2019
Date Data Arrived at EDR: 06/11/2019
Date Made Active in Reports: 07/23/2019
Number of Days to Update: 42

Source: SWRCB
Telephone: 916-341-5851
Last EDR Contact: 06/11/2019
Next Scheduled EDR Contact: 09/23/2019
Data Release Frequency: Semi-Annually

AST: Aboveground Petroleum Storage Tank Facilities

A listing of aboveground storage tank petroleum storage tank locations.

Date of Government Version: 07/06/2016
Date Data Arrived at EDR: 07/12/2016
Date Made Active in Reports: 09/19/2016
Number of Days to Update: 69

Source: California Environmental Protection Agency
Telephone: 916-327-5092
Last EDR Contact: 06/17/2019
Next Scheduled EDR Contact: 09/30/2019
Data Release Frequency: Varies

INDIAN UST R1: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 10/03/2018
Date Data Arrived at EDR: 03/07/2019
Date Made Active in Reports: 05/01/2019
Number of Days to Update: 55

Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 07/24/2019
Next Scheduled EDR Contact: 11/04/2019
Data Release Frequency: Varies

INDIAN UST R10: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 10/17/2018
Date Data Arrived at EDR: 03/07/2019
Date Made Active in Reports: 05/01/2019
Number of Days to Update: 55

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 07/24/2019
Next Scheduled EDR Contact: 11/04/2019
Data Release Frequency: Varies

INDIAN UST R9: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 10/10/2018
Date Data Arrived at EDR: 03/08/2019
Date Made Active in Reports: 05/01/2019
Number of Days to Update: 54

Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 07/24/2019
Next Scheduled EDR Contact: 11/04/2019
Data Release Frequency: Varies

INDIAN UST R8: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 10/16/2018
Date Data Arrived at EDR: 03/07/2019
Date Made Active in Reports: 05/01/2019
Number of Days to Update: 55

Source: EPA Region 8
Telephone: 303-312-6137
Last EDR Contact: 04/26/2019
Next Scheduled EDR Contact: 08/05/2019
Data Release Frequency: Varies

INDIAN UST R4: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

Date of Government Version: 09/24/2018
Date Data Arrived at EDR: 03/12/2019
Date Made Active in Reports: 05/01/2019
Number of Days to Update: 50

Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 07/23/2019
Next Scheduled EDR Contact: 11/04/2019
Data Release Frequency: Varies

INDIAN UST R5: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 10/12/2018
Date Data Arrived at EDR: 03/07/2019
Date Made Active in Reports: 05/01/2019
Number of Days to Update: 55

Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 07/24/2019
Next Scheduled EDR Contact: 11/04/2019
Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 11/01/2018
Date Data Arrived at EDR: 03/07/2019
Date Made Active in Reports: 05/01/2019
Number of Days to Update: 55

Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 07/24/2019
Next Scheduled EDR Contact: 11/04/2019
Data Release Frequency: Varies

INDIAN UST R7: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 11/07/2018
Date Data Arrived at EDR: 03/07/2019
Date Made Active in Reports: 05/01/2019
Number of Days to Update: 55

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 07/24/2019
Next Scheduled EDR Contact: 11/04/2019
Data Release Frequency: Varies

State and tribal voluntary cleanup sites

VCP: Voluntary Cleanup Program Properties

Contains low threat level properties with either confirmed or unconfirmed releases and the project proponents have request that DTSC oversee investigation and/or cleanup activities and have agreed to provide coverage for DTSC's costs.

Date of Government Version: 04/29/2019
Date Data Arrived at EDR: 04/30/2019
Date Made Active in Reports: 06/27/2019
Number of Days to Update: 58

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 04/30/2019
Next Scheduled EDR Contact: 08/12/2019
Data Release Frequency: Quarterly

INDIAN VCP R7: Voluntary Cleanup Priority Lisitng
A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008
Date Data Arrived at EDR: 04/22/2008
Date Made Active in Reports: 05/19/2008
Number of Days to Update: 27

Source: EPA, Region 7
Telephone: 913-551-7365
Last EDR Contact: 04/20/2009
Next Scheduled EDR Contact: 07/20/2009
Data Release Frequency: Varies

INDIAN VCP R1: Voluntary Cleanup Priority Listing
A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 07/27/2015
Date Data Arrived at EDR: 09/29/2015
Date Made Active in Reports: 02/18/2016
Number of Days to Update: 142

Source: EPA, Region 1
Telephone: 617-918-1102
Last EDR Contact: 06/20/2019
Next Scheduled EDR Contact: 10/07/2019
Data Release Frequency: Varies

State and tribal Brownfields sites

BROWNFIELDS: Considered Brownfieds Sites Listing
A listing of sites the SWRCB considers to be Brownfields since these are sites have come to them through the MOA Process.

Date of Government Version: 03/25/2019
Date Data Arrived at EDR: 03/26/2019
Date Made Active in Reports: 04/29/2019
Number of Days to Update: 34

Source: State Water Resources Control Board
Telephone: 916-323-7905
Last EDR Contact: 06/25/2019
Next Scheduled EDR Contact: 10/07/2019
Data Release Frequency: Quarterly

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites
Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

Date of Government Version: 12/17/2018
Date Data Arrived at EDR: 12/18/2018
Date Made Active in Reports: 01/11/2019
Number of Days to Update: 24

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 06/04/2019
Next Scheduled EDR Contact: 09/30/2019
Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

WMUDS/SWAT: Waste Management Unit Database
Waste Management Unit Database System. WMUDS is used by the State Water Resources Control Board staff and the Regional Water Quality Control Boards for program tracking and inventory of waste management units. WMUDS is composed of the following databases: Facility Information, Scheduled Inspections Information, Waste Management Unit Information, SWAT Program Information, SWAT Report Summary Information, SWAT Report Summary Data, Chapter 15 (formerly Subchapter 15) Information, Chapter 15 Monitoring Parameters, TPCA Program Information, RCRA Program Information, Closure Information, and Interested Parties Information.

Date of Government Version: 04/01/2000
Date Data Arrived at EDR: 04/10/2000
Date Made Active in Reports: 05/10/2000
Number of Days to Update: 30

Source: State Water Resources Control Board
Telephone: 916-227-4448
Last EDR Contact: 04/25/2019
Next Scheduled EDR Contact: 08/12/2019
Data Release Frequency: No Update Planned

SWRCY: Recycler Database
A listing of recycling facilities in California.

Date of Government Version: 03/11/2019
Date Data Arrived at EDR: 03/13/2019
Date Made Active in Reports: 04/30/2019
Number of Days to Update: 48

Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 06/12/2019
Next Scheduled EDR Contact: 09/23/2019
Data Release Frequency: Quarterly

HAULERS: Registered Waste Tire Haulers Listing
A listing of registered waste tire haulers.

Date of Government Version: 03/26/2019
Date Data Arrived at EDR: 03/27/2019
Date Made Active in Reports: 04/30/2019
Number of Days to Update: 34

Source: Integrated Waste Management Board
Telephone: 916-341-6422
Last EDR Contact: 05/09/2019
Next Scheduled EDR Contact: 08/26/2019
Data Release Frequency: Varies

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands
Location of open dumps on Indian land.

Date of Government Version: 12/31/1998
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 01/24/2008
Number of Days to Update: 52

Source: Environmental Protection Agency
Telephone: 703-308-8245
Last EDR Contact: 04/26/2019
Next Scheduled EDR Contact: 08/12/2019
Data Release Frequency: Varies

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations
A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009
Date Data Arrived at EDR: 05/07/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 137

Source: EPA, Region 9
Telephone: 415-947-4219
Last EDR Contact: 07/19/2019
Next Scheduled EDR Contact: 11/04/2019
Data Release Frequency: No Update Planned

ODI: Open Dump Inventory
An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985
Date Data Arrived at EDR: 08/09/2004
Date Made Active in Reports: 09/17/2004
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 800-424-9346
Last EDR Contact: 06/09/2004
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

IHS OPEN DUMPS: Open Dumps on Indian Land
A listing of all open dumps located on Indian Land in the United States.

Date of Government Version: 04/01/2014
Date Data Arrived at EDR: 08/06/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 176

Source: Department of Health & Human Serivces, Indian Health Service
Telephone: 301-443-1452
Last EDR Contact: 04/23/2019
Next Scheduled EDR Contact: 08/12/2019
Data Release Frequency: Varies

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL: National Clandestine Laboratory Register

A listing of clandestine drug lab locations that have been removed from the DEAs National Clandestine Laboratory Register.

Date of Government Version: 02/24/2019
Date Data Arrived at EDR: 02/26/2019
Date Made Active in Reports: 04/17/2019
Number of Days to Update: 50

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 05/24/2019
Next Scheduled EDR Contact: 09/09/2019
Data Release Frequency: No Update Planned

HIST CAL-SITES: Calsites Database

The Calsites database contains potential or confirmed hazardous substance release properties. In 1996, California EPA reevaluated and significantly reduced the number of sites in the Calsites database. No longer updated by the state agency. It has been replaced by ENVIROSTOR.

Date of Government Version: 08/08/2005
Date Data Arrived at EDR: 08/03/2006
Date Made Active in Reports: 08/24/2006
Number of Days to Update: 21

Source: Department of Toxic Substance Control
Telephone: 916-323-3400
Last EDR Contact: 02/23/2009
Next Scheduled EDR Contact: 05/25/2009
Data Release Frequency: No Update Planned

SCH: School Property Evaluation Program

This category contains proposed and existing school sites that are being evaluated by DTSC for possible hazardous materials contamination. In some cases, these properties may be listed in the CalSites category depending on the level of threat to public health and safety or the environment they pose.

Date of Government Version: 04/29/2019
Date Data Arrived at EDR: 04/30/2019
Date Made Active in Reports: 06/27/2019
Number of Days to Update: 58

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 04/30/2019
Next Scheduled EDR Contact: 08/12/2019
Data Release Frequency: Quarterly

CDL: Clandestine Drug Labs

A listing of drug lab locations. Listing of a location in this database does not indicate that any illegal drug lab materials were or were not present there, and does not constitute a determination that the location either requires or does not require additional cleanup work.

Date of Government Version: 12/31/2017
Date Data Arrived at EDR: 06/12/2018
Date Made Active in Reports: 08/06/2018
Number of Days to Update: 55

Source: Department of Toxic Substances Control
Telephone: 916-255-6504
Last EDR Contact: 07/08/2019
Next Scheduled EDR Contact: 10/21/2019
Data Release Frequency: Varies

TOXIC PITS: Toxic Pits Cleanup Act Sites

Toxic PITS Cleanup Act Sites. TOXIC PITS identifies sites suspected of containing hazardous substances where cleanup has not yet been completed.

Date of Government Version: 07/01/1995
Date Data Arrived at EDR: 08/30/1995
Date Made Active in Reports: 09/26/1995
Number of Days to Update: 27

Source: State Water Resources Control Board
Telephone: 916-227-4364
Last EDR Contact: 01/26/2009
Next Scheduled EDR Contact: 04/27/2009
Data Release Frequency: No Update Planned

CERS HAZ WASTE: CERS HAZ WASTE

List of sites in the California Environmental Protection Agency (CalEPA) Regulated Site Portal which fall under the Hazardous Chemical Management, Hazardous Waste Onsite Treatment, Household Hazardous Waste Collection, Hazardous Waste Generator, and RCRA LQ HW Generator programs.

Date of Government Version: 04/09/2019
Date Data Arrived at EDR: 04/11/2019
Date Made Active in Reports: 05/08/2019
Number of Days to Update: 27

Source: CalEPA
Telephone: 916-323-2514
Last EDR Contact: 07/23/2019
Next Scheduled EDR Contact: 11/04/2019
Data Release Frequency: Quarterly

US CDL: Clandestine Drug Labs

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 02/24/2019
Date Data Arrived at EDR: 02/26/2019
Date Made Active in Reports: 04/17/2019
Number of Days to Update: 50

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 05/24/2019
Next Scheduled EDR Contact: 09/09/2019
Data Release Frequency: Quarterly

PFAS: PFAS Contamination Site Location Listing

A listing of PFAS contaminated sites included in the GeoTracker database.

Date of Government Version: 06/28/2019
Date Data Arrived at EDR: 06/28/2019
Date Made Active in Reports: 07/24/2019
Number of Days to Update: 26

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 06/28/2019
Next Scheduled EDR Contact: 09/23/2019
Data Release Frequency: Varies

Local Lists of Registered Storage Tanks

SWEEPS UST: SWEEPS UST Listing

Statewide Environmental Evaluation and Planning System. This underground storage tank listing was updated and maintained by a company contacted by the SWRCB in the early 1990's. The listing is no longer updated or maintained. The local agency is the contact for more information on a site on the SWEEPS list.

Date of Government Version: 06/01/1994
Date Data Arrived at EDR: 07/07/2005
Date Made Active in Reports: 08/11/2005
Number of Days to Update: 35

Source: State Water Resources Control Board
Telephone: N/A
Last EDR Contact: 06/03/2005
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

UST MENDOCINO: Mendocino County UST Database

A listing of underground storage tank locations in Mendocino County.

Date of Government Version: 12/04/2018
Date Data Arrived at EDR: 12/06/2018
Date Made Active in Reports: 12/14/2018
Number of Days to Update: 8

Source: Department of Public Health
Telephone: 707-463-4466
Last EDR Contact: 05/24/2019
Next Scheduled EDR Contact: 09/09/2019
Data Release Frequency: Annually

HIST UST: Hazardous Substance Storage Container Database

The Hazardous Substance Storage Container Database is a historical listing of UST sites. Refer to local/county source for current data.

Date of Government Version: 10/15/1990
Date Data Arrived at EDR: 01/25/1991
Date Made Active in Reports: 02/12/1991
Number of Days to Update: 18

Source: State Water Resources Control Board
Telephone: 916-341-5851
Last EDR Contact: 07/26/2001
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

SAN FRANCISCO AST: Aboveground Storage Tank Site Listing
Aboveground storage tank sites

Date of Government Version: 09/11/2018
Date Data Arrived at EDR: 09/12/2018
Date Made Active in Reports: 10/11/2018
Number of Days to Update: 29

Source: San Francisco County Department of Public Health
Telephone: 415-252-3896
Last EDR Contact: 05/02/2019
Next Scheduled EDR Contact: 08/19/2019
Data Release Frequency: Varies

CA FID UST: Facility Inventory Database
The Facility Inventory Database (FID) contains a historical listing of active and inactive underground storage tank locations from the State Water Resource Control Board. Refer to local/county source for current data.

Date of Government Version: 10/31/1994
Date Data Arrived at EDR: 09/05/1995
Date Made Active in Reports: 09/29/1995
Number of Days to Update: 24

Source: California Environmental Protection Agency
Telephone: 916-341-5851
Last EDR Contact: 12/28/1998
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

CERS TANKS: California Environmental Reporting System (CERS) Tanks
List of sites in the California Environmental Protection Agency (CalEPA) Regulated Site Portal which fall under the Aboveground Petroleum Storage and Underground Storage Tank regulatory programs.

Date of Government Version: 04/09/2019
Date Data Arrived at EDR: 04/11/2019
Date Made Active in Reports: 05/08/2019
Number of Days to Update: 27

Source: California Environmental Protection Agency
Telephone: 916-323-2514
Last EDR Contact: 07/23/2019
Next Scheduled EDR Contact: 11/04/2019
Data Release Frequency: Quarterly

Local Land Records

LIENS: Environmental Liens Listing
A listing of property locations with environmental liens for California where DTSC is a lien holder.

Date of Government Version: 02/28/2019
Date Data Arrived at EDR: 03/01/2019
Date Made Active in Reports: 04/02/2019
Number of Days to Update: 32

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 06/03/2019
Next Scheduled EDR Contact: 09/16/2019
Data Release Frequency: Varies

LIENS 2: CERCLA Lien Information
A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 04/11/2019
Date Data Arrived at EDR: 04/18/2019
Date Made Active in Reports: 05/23/2019
Number of Days to Update: 35

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 07/02/2019
Next Scheduled EDR Contact: 10/14/2019
Data Release Frequency: Semi-Annually

DEED: Deed Restriction Listing

Site Mitigation and Brownfields Reuse Program Facility Sites with Deed Restrictions & Hazardous Waste Management Program Facility Sites with Deed / Land Use Restriction. The DTSC Site Mitigation and Brownfields Reuse Program (SMBRP) list includes sites cleaned up under the program's oversight and generally does not include current or former hazardous waste facilities that required a hazardous waste facility permit. The list represents deed restrictions that are active. Some sites have multiple deed restrictions. The DTSC Hazardous Waste Management Program (HWMP) has developed a list of current or former hazardous waste facilities that have a recorded land use restriction at the local county recorder's office. The land use restrictions on this list were required by the DTSC HWMP as a result of the presence of hazardous substances that remain on site after the facility (or part of the facility) has been closed or cleaned up. The types of land use restriction include deed notice, deed restriction, or a land use restriction that binds current and future owners.

Date of Government Version: 03/04/2019
Date Data Arrived at EDR: 03/05/2019
Date Made Active in Reports: 04/01/2019
Number of Days to Update: 27

Source: DTSC and SWRCB
Telephone: 916-323-3400
Last EDR Contact: 06/04/2019
Next Scheduled EDR Contact: 09/16/2019
Data Release Frequency: Semi-Annually

Records of Emergency Release Reports

HMIRS: Hazardous Materials Information Reporting System

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 03/25/2019
Date Data Arrived at EDR: 03/26/2019
Date Made Active in Reports: 05/14/2019
Number of Days to Update: 49

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 06/26/2019
Next Scheduled EDR Contact: 10/07/2019
Data Release Frequency: Quarterly

CHMIRS: California Hazardous Material Incident Report System

California Hazardous Material Incident Reporting System. CHMIRS contains information on reported hazardous material incidents (accidental releases or spills).

Date of Government Version: 10/24/2018
Date Data Arrived at EDR: 01/24/2019
Date Made Active in Reports: 03/05/2019
Number of Days to Update: 40

Source: Office of Emergency Services
Telephone: 916-845-8400
Last EDR Contact: 06/24/2019
Next Scheduled EDR Contact: 08/05/2019
Data Release Frequency: Semi-Annually

LDS: Land Disposal Sites Listing (GEOTRACKER)

Land Disposal sites (Landfills) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 12/10/2018
Date Data Arrived at EDR: 12/11/2018
Date Made Active in Reports: 01/15/2019
Number of Days to Update: 35

Source: State Water Qualilty Control Board
Telephone: 866-480-1028
Last EDR Contact: 06/11/2019
Next Scheduled EDR Contact: 09/23/2019
Data Release Frequency: Quarterly

MCS: Military Cleanup Sites Listing (GEOTRACKER)

Military sites (consisting of: Military UST sites; Military Privatized sites; and Military Cleanup sites [formerly known as DoD non UST]) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 06/10/2019
Date Data Arrived at EDR: 06/11/2019
Date Made Active in Reports: 07/24/2019
Number of Days to Update: 43

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 06/11/2019
Next Scheduled EDR Contact: 09/23/2019
Data Release Frequency: Quarterly

SPILLS 90: SPILLS90 data from FirstSearch

Spills 90 includes those spill and release records available exclusively from FirstSearch databases. Typically, they may include chemical, oil and/or hazardous substance spills recorded after 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 90.

Date of Government Version: 06/06/2012
Date Data Arrived at EDR: 01/03/2013
Date Made Active in Reports: 02/22/2013
Number of Days to Update: 50

Source: FirstSearch
Telephone: N/A
Last EDR Contact: 01/03/2013
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

Other Ascertainable Records

RCRA NonGen / NLR: RCRA - Non Generators / No Longer Regulated

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 03/25/2019
Date Data Arrived at EDR: 03/27/2019
Date Made Active in Reports: 04/17/2019
Number of Days to Update: 21

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 06/26/2019
Next Scheduled EDR Contact: 10/07/2019
Data Release Frequency: Quarterly

FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 03/07/2019
Date Data Arrived at EDR: 04/03/2019
Date Made Active in Reports: 05/23/2019
Number of Days to Update: 50

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 05/21/2019
Next Scheduled EDR Contact: 09/02/2019
Data Release Frequency: Varies

DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 11/10/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 62

Source: USGS
Telephone: 888-275-8747
Last EDR Contact: 07/09/2019
Next Scheduled EDR Contact: 10/21/2019
Data Release Frequency: Semi-Annually

FEDLAND: Federal and Indian Lands

Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 02/06/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 339

Source: U.S. Geological Survey
Telephone: 888-275-8747
Last EDR Contact: 07/10/2019
Next Scheduled EDR Contact: 10/21/2019
Data Release Frequency: N/A

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 01/01/2017
Date Data Arrived at EDR: 02/03/2017
Date Made Active in Reports: 04/07/2017
Number of Days to Update: 63

Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 05/13/2019
Next Scheduled EDR Contact: 08/26/2019
Data Release Frequency: Varies

US FIN ASSUR: Financial Assurance Information

All owners and operators of facilities that treat, store, or dispose of hazardous waste are required to provide proof that they will have sufficient funds to pay for the clean up, closure, and post-closure care of their facilities.

Date of Government Version: 03/25/2019
Date Data Arrived at EDR: 03/26/2019
Date Made Active in Reports: 05/07/2019
Number of Days to Update: 42

Source: Environmental Protection Agency
Telephone: 202-566-1917
Last EDR Contact: 06/26/2019
Next Scheduled EDR Contact: 10/07/2019
Data Release Frequency: Quarterly

EPA WATCH LIST: EPA WATCH LIST

EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

Date of Government Version: 08/30/2013
Date Data Arrived at EDR: 03/21/2014
Date Made Active in Reports: 06/17/2014
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: 617-520-3000
Last EDR Contact: 05/06/2019
Next Scheduled EDR Contact: 08/19/2019
Data Release Frequency: Quarterly

2020 COR ACTION: 2020 Corrective Action Program List

The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

Date of Government Version: 09/30/2017
Date Data Arrived at EDR: 05/08/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 73

Source: Environmental Protection Agency
Telephone: 703-308-4044
Last EDR Contact: 05/10/2019
Next Scheduled EDR Contact: 08/19/2019
Data Release Frequency: Varies

TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2016
Date Data Arrived at EDR: 06/21/2017
Date Made Active in Reports: 01/05/2018
Number of Days to Update: 198

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 06/18/2019
Next Scheduled EDR Contact: 09/30/2019
Data Release Frequency: Every 4 Years

TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2016
Date Data Arrived at EDR: 01/10/2018
Date Made Active in Reports: 01/12/2018
Number of Days to Update: 2

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 05/24/2019
Next Scheduled EDR Contact: 09/02/2019
Data Release Frequency: Annually

SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 12/31/2009
Date Data Arrived at EDR: 12/10/2010
Date Made Active in Reports: 02/25/2011
Number of Days to Update: 77

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 04/24/2019
Next Scheduled EDR Contact: 08/05/2019
Data Release Frequency: Annually

ROD: Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 04/11/2019
Date Data Arrived at EDR: 04/18/2019
Date Made Active in Reports: 05/23/2019
Number of Days to Update: 35

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 07/01/2019
Next Scheduled EDR Contact: 09/16/2019
Data Release Frequency: Annually

RMP: Risk Management Plans

When Congress passed the Clean Air Act Amendments of 1990, it required EPA to publish regulations and guidance for chemical accident prevention at facilities using extremely hazardous substances. The Risk Management Program Rule (RMP Rule) was written to implement Section 112(r) of these amendments. The rule, which built upon existing industry codes and standards, requires companies of all sizes that use certain flammable and toxic substances to develop a Risk Management Program, which includes a(n): Hazard assessment that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases; Prevention program that includes safety precautions and maintenance, monitoring, and employee training measures; and Emergency response program that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g the fire department) should an accident occur.

Date of Government Version: 04/25/2019
Date Data Arrived at EDR: 05/02/2019
Date Made Active in Reports: 05/23/2019
Number of Days to Update: 21

Source: Environmental Protection Agency
Telephone: 202-564-8600
Last EDR Contact: 07/22/2019
Next Scheduled EDR Contact: 11/04/2019
Data Release Frequency: Varies

RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995
Date Data Arrived at EDR: 07/03/1995
Date Made Active in Reports: 08/07/1995
Number of Days to Update: 35

Source: EPA
Telephone: 202-564-4104
Last EDR Contact: 06/02/2008
Next Scheduled EDR Contact: 09/01/2008
Data Release Frequency: No Update Planned

PRP: Potentially Responsible Parties
A listing of verified Potentially Responsible Parties

Date of Government Version: 04/11/2019
Date Data Arrived at EDR: 04/18/2019
Date Made Active in Reports: 05/23/2019
Number of Days to Update: 35

Source: EPA
Telephone: 202-564-6023
Last EDR Contact: 07/01/2019
Next Scheduled EDR Contact: 08/19/2019
Data Release Frequency: Quarterly

PADS: PCB Activity Database System
PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 03/20/2019
Date Data Arrived at EDR: 04/10/2019
Date Made Active in Reports: 05/14/2019
Number of Days to Update: 34

Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 07/12/2019
Next Scheduled EDR Contact: 10/21/2019
Data Release Frequency: Annually

ICIS: Integrated Compliance Information System
The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 11/18/2016
Date Data Arrived at EDR: 11/23/2016
Date Made Active in Reports: 02/10/2017
Number of Days to Update: 79

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 07/03/2019
Next Scheduled EDR Contact: 10/21/2019
Data Release Frequency: Quarterly

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667
Last EDR Contact: 08/18/2017
Next Scheduled EDR Contact: 12/04/2017
Data Release Frequency: No Update Planned

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA
Telephone: 202-566-1667
Last EDR Contact: 08/18/2017
Next Scheduled EDR Contact: 12/04/2017
Data Release Frequency: No Update Planned

MLTS: Material Licensing Tracking System
MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 08/30/2016
Date Data Arrived at EDR: 09/08/2016
Date Made Active in Reports: 10/21/2016
Number of Days to Update: 43

Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
Last EDR Contact: 07/22/2019
Next Scheduled EDR Contact: 11/04/2019
Data Release Frequency: Quarterly

COAL ASH DOE: Steam-Electric Plant Operation Data
A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 08/07/2009
Date Made Active in Reports: 10/22/2009
Number of Days to Update: 76
Source: Department of Energy
Telephone: 202-586-8719
Last EDR Contact: 06/07/2019
Next Scheduled EDR Contact: 09/16/2019
Data Release Frequency: Varies

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List
A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 07/01/2014
Date Data Arrived at EDR: 09/10/2014
Date Made Active in Reports: 10/20/2014
Number of Days to Update: 40
Source: Environmental Protection Agency
Telephone: N/A
Last EDR Contact: 06/07/2019
Next Scheduled EDR Contact: 09/16/2019
Data Release Frequency: Varies

PCB TRANSFORMER: PCB Transformer Registration Database
The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 05/24/2017
Date Data Arrived at EDR: 11/30/2017
Date Made Active in Reports: 12/15/2017
Number of Days to Update: 15
Source: Environmental Protection Agency
Telephone: 202-566-0517
Last EDR Contact: 04/26/2019
Next Scheduled EDR Contact: 08/05/2019
Data Release Frequency: Varies

RADINFO: Radiation Information Database
The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 04/02/2019
Date Data Arrived at EDR: 04/02/2019
Date Made Active in Reports: 05/14/2019
Number of Days to Update: 42
Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 07/01/2019
Next Scheduled EDR Contact: 10/14/2019
Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing
A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40
Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2007
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing
A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2008
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

DOT OPS: Incident and Accident Data

Department of Transporation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 12/03/2018
Date Data Arrived at EDR: 01/29/2019
Date Made Active in Reports: 03/21/2019
Number of Days to Update: 51

Source: Department of Transporation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 04/30/2019
Next Scheduled EDR Contact: 08/12/2019
Data Release Frequency: Quarterly

CONSENT: Superfund (CERCLA) Consent Decrees

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 03/31/2019
Date Data Arrived at EDR: 04/23/2019
Date Made Active in Reports: 05/23/2019
Number of Days to Update: 30

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 07/08/2019
Next Scheduled EDR Contact: 10/21/2019
Data Release Frequency: Varies

BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2015
Date Data Arrived at EDR: 02/22/2017
Date Made Active in Reports: 09/28/2017
Number of Days to Update: 218

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 06/26/2019
Next Scheduled EDR Contact: 10/07/2019
Data Release Frequency: Biennially

INDIAN RESERV: Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 07/14/2015
Date Made Active in Reports: 01/10/2017
Number of Days to Update: 546

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 07/10/2019
Next Scheduled EDR Contact: 10/21/2019
Data Release Frequency: Semi-Annually

FUSRAP: Formerly Utilized Sites Remedial Action Program

DOE established the Formerly Utilized Sites Remedial Action Program (FUSRAP) in 1974 to remediate sites where radioactive contamination remained from Manhattan Project and early U.S. Atomic Energy Commission (AEC) operations.

Date of Government Version: 08/08/2017
Date Data Arrived at EDR: 09/11/2018
Date Made Active in Reports: 09/14/2018
Number of Days to Update: 3

Source: Department of Energy
Telephone: 202-586-3559
Last EDR Contact: 05/02/2019
Next Scheduled EDR Contact: 08/19/2019
Data Release Frequency: Varies

UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 06/23/2017
Date Data Arrived at EDR: 10/11/2017
Date Made Active in Reports: 11/03/2017
Number of Days to Update: 23

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 05/24/2019
Next Scheduled EDR Contact: 09/02/2019
Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 04/11/2019
Date Data Arrived at EDR: 04/18/2019
Date Made Active in Reports: 05/14/2019
Number of Days to Update: 26

Source: Environmental Protection Agency
Telephone: 703-603-8787
Last EDR Contact: 07/01/2019
Next Scheduled EDR Contact: 10/14/2019
Data Release Frequency: Varies

LEAD SMELTER 2: Lead Smelter Sites

A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust

Date of Government Version: 04/05/2001
Date Data Arrived at EDR: 10/27/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 36

Source: American Journal of Public Health
Telephone: 703-305-6451
Last EDR Contact: 12/02/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)

The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

US AIRS MINOR: Air Facility System Data

A listing of minor source facilities.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

US MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 11/27/2018
Date Data Arrived at EDR: 02/27/2019
Date Made Active in Reports: 04/01/2019
Number of Days to Update: 33

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 05/29/2019
Next Scheduled EDR Contact: 09/09/2019
Data Release Frequency: Semi-Annually

US MINES 2: Ferrous and Nonferrous Metal Mines Database Listing

This map layer includes ferrous (ferrous metal mines are facilities that extract ferrous metals, such as iron ore or molybdenum) and nonferrous (Nonferrous metal mines are facilities that extract nonferrous metals, such as gold, silver, copper, zinc, and lead) metal mines in the United States.

Date of Government Version: 12/05/2005
Date Data Arrived at EDR: 02/29/2008
Date Made Active in Reports: 04/18/2008
Number of Days to Update: 49

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 05/31/2019
Next Scheduled EDR Contact: 09/09/2019
Data Release Frequency: Varies

US MINES 3: Active Mines & Mineral Plants Database Listing

Active Mines and Mineral Processing Plant operations for commodities monitored by the Minerals Information Team of the USGS.

Date of Government Version: 04/14/2011
Date Data Arrived at EDR: 06/08/2011
Date Made Active in Reports: 09/13/2011
Number of Days to Update: 97

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 05/31/2019
Next Scheduled EDR Contact: 09/09/2019
Data Release Frequency: Varies

ABANDONED MINES: Abandoned Mines

An inventory of land and water impacted by past mining (primarily coal mining) is maintained by OSMRE to provide information needed to implement the Surface Mining Control and Reclamation Act of 1977 (SMCRA). The inventory contains information on the location, type, and extent of AML impacts, as well as, information on the cost associated with the reclamation of those problems. The inventory is based upon field surveys by State, Tribal, and OSMRE program officials. It is dynamic to the extent that it is modified as new problems are identified and existing problems are reclaimed.

Date of Government Version: 03/27/2019
Date Data Arrived at EDR: 03/28/2019
Date Made Active in Reports: 05/01/2019
Number of Days to Update: 34

Source: Department of Interior
Telephone: 202-208-2609
Last EDR Contact: 06/19/2019
Next Scheduled EDR Contact: 09/23/2019
Data Release Frequency: Quarterly

FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 02/15/2019
Date Data Arrived at EDR: 03/05/2019
Date Made Active in Reports: 03/15/2019
Number of Days to Update: 10

Source: EPA
Telephone: (415) 947-8000
Last EDR Contact: 06/05/2019
Next Scheduled EDR Contact: 09/16/2019
Data Release Frequency: Quarterly

UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

Date of Government Version: 12/31/2017
Date Data Arrived at EDR: 01/17/2019
Date Made Active in Reports: 04/01/2019
Number of Days to Update: 74

Source: Department of Defense
Telephone: 703-704-1564
Last EDR Contact: 07/15/2019
Next Scheduled EDR Contact: 10/28/2019
Data Release Frequency: Varies

ECHO: Enforcement & Compliance History Information

ECHO provides integrated compliance and enforcement information for about 800,000 regulated facilities nationwide.

Date of Government Version: 04/07/2019
Date Data Arrived at EDR: 04/09/2019
Date Made Active in Reports: 05/23/2019
Number of Days to Update: 44

Source: Environmental Protection Agency
Telephone: 202-564-2280
Last EDR Contact: 07/09/2019
Next Scheduled EDR Contact: 10/21/2019
Data Release Frequency: Quarterly

DOCKET HWC: Hazardous Waste Compliance Docket Listing
A complete list of the Federal Agency Hazardous Waste Compliance Docket Facilities.

Date of Government Version: 05/31/2018
Date Data Arrived at EDR: 07/26/2018
Date Made Active in Reports: 10/05/2018
Number of Days to Update: 71
Source: Environmental Protection Agency
Telephone: 202-564-0527
Last EDR Contact: 05/24/2019
Next Scheduled EDR Contact: 09/09/2019
Data Release Frequency: Varies

FUELS PROGRAM: EPA Fuels Program Registered Listing
This listing includes facilities that are registered under the Part 80 (Code of Federal Regulations) EPA Fuels Programs. All companies now are required to submit new and updated registrations.

Date of Government Version: 02/19/2019
Date Data Arrived at EDR: 02/21/2019
Date Made Active in Reports: 04/01/2019
Number of Days to Update: 39
Source: EPA
Telephone: 800-385-6164
Last EDR Contact: 05/21/2019
Next Scheduled EDR Contact: 09/02/2019
Data Release Frequency: Quarterly

CA BOND EXP. PLAN: Bond Expenditure Plan
Department of Health Services developed a site-specific expenditure plan as the basis for an appropriation of Hazardous Substance Cleanup Bond Act funds. It is not updated.

Date of Government Version: 01/01/1989
Date Data Arrived at EDR: 07/27/1994
Date Made Active in Reports: 08/02/1994
Number of Days to Update: 6
Source: Department of Health Services
Telephone: 916-255-2118
Last EDR Contact: 05/31/1994
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

CORTESE: "Cortese" Hazardous Waste & Substances Sites List
The sites for the list are designated by the State Water Resource Control Board (LUST), the Integrated Waste Board (SWF/LS), and the Department of Toxic Substances Control (Cal-Sites).

Date of Government Version: 03/25/2019
Date Data Arrived at EDR: 03/26/2019
Date Made Active in Reports: 05/01/2019
Number of Days to Update: 36
Source: CAL EPA/Office of Emergency Information
Telephone: 916-323-3400
Last EDR Contact: 06/25/2019
Next Scheduled EDR Contact: 10/07/2019
Data Release Frequency: Quarterly

CUPA LIVERMORE-PLEASANTON: CUPA Facility Listing
list of facilities associated with the various CUPA programs in Livermore-Pleasanton

Date of Government Version: 05/01/2019
Date Data Arrived at EDR: 05/14/2019
Date Made Active in Reports: 07/17/2019
Number of Days to Update: 64
Source: Livermore-Pleasanton Fire Department
Telephone: 925-454-2361
Last EDR Contact: 05/14/2019
Next Scheduled EDR Contact: 08/26/2019
Data Release Frequency: Varies

CUPA SAN FRANCISCO CO: CUPA Facility Listing
Cupa facilities

Date of Government Version: 04/18/2019
Date Data Arrived at EDR: 04/19/2019
Date Made Active in Reports: 04/30/2019
Number of Days to Update: 11
Source: San Francisco County Department of Environmental Health
Telephone: 415-252-3896
Last EDR Contact: 04/18/2019
Next Scheduled EDR Contact: 08/19/2019
Data Release Frequency: Varies

DRYCLEAN SOUTH COAST: South Coast Air Quality Management District Drycleaner Listing
A listing of dry cleaners in the South Coast Air Quality Management District

Date of Government Version: 03/19/2019
Date Data Arrived at EDR: 03/22/2019
Date Made Active in Reports: 04/09/2019
Number of Days to Update: 18

Source: South Coast Air Quality Management District
Telephone: 909-396-3211
Last EDR Contact: 05/23/2019
Next Scheduled EDR Contact: 09/09/2019
Data Release Frequency: Varies

DRYCLEAN AVAQMD: Antelope Valley Air Quality Management District Drycleaner Listing
A listing of dry cleaners in the Antelope Valley Air Quality Management District.

Date of Government Version: 02/27/2019
Date Data Arrived at EDR: 02/28/2019
Date Made Active in Reports: 04/01/2019
Number of Days to Update: 32

Source: Antelope Valley Air Quality Management District
Telephone: 661-723-8070
Last EDR Contact: 06/03/2019
Next Scheduled EDR Contact: 09/16/2019
Data Release Frequency: Varies

DRYCLEANERS: Cleaner Facilities
A list of drycleaner related facilities that have EPA ID numbers. These are facilities with certain SIC codes: power laundries, family and commercial; garment pressing and cleaner's agents; linen supply; coin-operated laundries and cleaning; drycleaning plants, except rugs; carpet and upholster cleaning; industrial launderers; laundry and garment services.

Date of Government Version: 03/01/2019
Date Data Arrived at EDR: 04/25/2019
Date Made Active in Reports: 05/30/2019
Number of Days to Update: 35

Source: Department of Toxic Substance Control
Telephone: 916-327-4498
Last EDR Contact: 06/03/2019
Next Scheduled EDR Contact: 09/16/2019
Data Release Frequency: Annually

EMI: Emissions Inventory Data
Toxics and criteria pollutant emissions data collected by the ARB and local air pollution agencies.

Date of Government Version: 12/31/2017
Date Data Arrived at EDR: 06/20/2018
Date Made Active in Reports: 08/06/2018
Number of Days to Update: 47

Source: California Air Resources Board
Telephone: 916-322-2990
Last EDR Contact: 06/24/2019
Next Scheduled EDR Contact: 09/30/2019
Data Release Frequency: Varies

ENF: Enforcement Action Listing
A listing of Water Board Enforcement Actions. Formal is everything except Oral/Verbal Communication, Notice of Violation, Expedited Payment Letter, and Staff Enforcement Letter.

Date of Government Version: 11/01/2018
Date Data Arrived at EDR: 11/02/2018
Date Made Active in Reports: 12/13/2018
Number of Days to Update: 41

Source: State Water Resoruces Control Board
Telephone: 916-445-9379
Last EDR Contact: 07/18/2019
Next Scheduled EDR Contact: 11/04/2019
Data Release Frequency: Varies

Financial Assurance 1: Financial Assurance Information Listing
Financial Assurance information

Date of Government Version: 04/22/2019
Date Data Arrived at EDR: 04/23/2019
Date Made Active in Reports: 06/26/2019
Number of Days to Update: 64

Source: Department of Toxic Substances Control
Telephone: 916-255-3628
Last EDR Contact: 07/19/2019
Next Scheduled EDR Contact: 11/04/2019
Data Release Frequency: Varies

Financial Assurance 2: Financial Assurance Information Listing
A listing of financial assurance information for solid waste facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

Date of Government Version: 05/15/2019
Date Data Arrived at EDR: 05/16/2019
Date Made Active in Reports: 07/18/2019
Number of Days to Update: 63

Source: California Integrated Waste Management Board
Telephone: 916-341-6066
Last EDR Contact: 05/09/2019
Next Scheduled EDR Contact: 08/26/2019
Data Release Frequency: Varies

HAZNET: Facility and Manifest Data

Facility and Manifest Data. The data is extracted from the copies of hazardous waste manifests received each year by the DTSC. The annual volume of manifests is typically 700,000 - 1,000,000 annually, representing approximately 350,000 - 500,000 shipments. Data are from the manifests submitted without correction, and therefore many contain some invalid values for data elements such as generator ID, TSD ID, waste category, and disposal method. This database begins with calendar year 1993.

Date of Government Version: 12/31/2017
Date Data Arrived at EDR: 05/29/2019
Date Made Active in Reports: 07/22/2019
Number of Days to Update: 54

Source: California Environmental Protection Agency
Telephone: 916-255-1136
Last EDR Contact: 07/12/2019
Next Scheduled EDR Contact: 10/21/2019
Data Release Frequency: Annually

ICE: ICE

Contains data pertaining to the Permitted Facilities with Inspections / Enforcements sites tracked in Envirostor.

Date of Government Version: 05/20/2019
Date Data Arrived at EDR: 05/21/2019
Date Made Active in Reports: 07/18/2019
Number of Days to Update: 58

Source: Department of Toxic Subsances Control
Telephone: 877-786-9427
Last EDR Contact: 05/21/2019
Next Scheduled EDR Contact: 09/02/2019
Data Release Frequency: Quarterly

HIST CORTESE: Hazardous Waste & Substance Site List

The sites for the list are designated by the State Water Resource Control Board [LUST], the Integrated Waste Board [SWF/LS], and the Department of Toxic Substances Control [CALSITES]. This listing is no longer updated by the state agency.

Date of Government Version: 04/01/2001
Date Data Arrived at EDR: 01/22/2009
Date Made Active in Reports: 04/08/2009
Number of Days to Update: 76

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 01/22/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

HWP: EnviroStor Permitted Facilities Listing

Detailed information on permitted hazardous waste facilities and corrective action ("cleanups") tracked in EnviroStor.

Date of Government Version: 05/20/2019
Date Data Arrived at EDR: 05/21/2019
Date Made Active in Reports: 07/18/2019
Number of Days to Update: 58

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 05/21/2019
Next Scheduled EDR Contact: 09/02/2019
Data Release Frequency: Quarterly

HWT: Registered Hazardous Waste Transporter Database

A listing of hazardous waste transporters. In California, unless specifically exempted, it is unlawful for any person to transport hazardous wastes unless the person holds a valid registration issued by DTSC. A hazardous waste transporter registration is valid for one year and is assigned a unique registration number.

Date of Government Version: 04/08/2019
Date Data Arrived at EDR: 04/09/2019
Date Made Active in Reports: 05/30/2019
Number of Days to Update: 51

Source: Department of Toxic Substances Control
Telephone: 916-440-7145
Last EDR Contact: 07/09/2019
Next Scheduled EDR Contact: 10/21/2019
Data Release Frequency: Quarterly

MINES: Mines Site Location Listing
A listing of mine site locations from the Office of Mine Reclamation.

Date of Government Version: 12/10/2018
Date Data Arrived at EDR: 12/12/2018
Date Made Active in Reports: 01/15/2019
Number of Days to Update: 34
Source: Department of Conservation
Telephone: 916-322-1080
Last EDR Contact: 06/11/2019
Next Scheduled EDR Contact: 09/23/2019
Data Release Frequency: Quarterly

MWMP: Medical Waste Management Program Listing
The Medical Waste Management Program (MWMP) ensures the proper handling and disposal of medical waste by permitting and inspecting medical waste Offsite Treatment Facilities (PDF) and Transfer Stations (PDF) throughout the state. MWMP also oversees all Medical Waste Transporters.

Date of Government Version: 02/20/2019
Date Data Arrived at EDR: 03/05/2019
Date Made Active in Reports: 04/02/2019
Number of Days to Update: 28
Source: Department of Public Health
Telephone: 916-558-1784
Last EDR Contact: 06/04/2019
Next Scheduled EDR Contact: 09/16/2019
Data Release Frequency: Varies

NPDES: NPDES Permits Listing
A listing of NPDES permits, including stormwater.

Date of Government Version: 05/13/2019
Date Data Arrived at EDR: 05/14/2019
Date Made Active in Reports: 07/17/2019
Number of Days to Update: 64
Source: State Water Resources Control Board
Telephone: 916-445-9379
Last EDR Contact: 05/14/2019
Next Scheduled EDR Contact: 08/26/2019
Data Release Frequency: Quarterly

PEST LIC: Pesticide Regulation Licenses Listing
A listing of licenses and certificates issued by the Department of Pesticide Regulation. The DPR issues licenses and/or certificates to: Persons and businesses that apply or sell pesticides; Pest control dealers and brokers; Persons who advise on agricultural pesticide applications.

Date of Government Version: 03/04/2019
Date Data Arrived at EDR: 03/05/2019
Date Made Active in Reports: 04/05/2019
Number of Days to Update: 31
Source: Department of Pesticide Regulation
Telephone: 916-445-4038
Last EDR Contact: 06/04/2019
Next Scheduled EDR Contact: 09/16/2019
Data Release Frequency: Quarterly

PROC: Certified Processors Database
A listing of certified processors.

Date of Government Version: 03/11/2019
Date Data Arrived at EDR: 03/13/2019
Date Made Active in Reports: 04/29/2019
Number of Days to Update: 47
Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 06/12/2019
Next Scheduled EDR Contact: 09/23/2019
Data Release Frequency: Quarterly

NOTIFY 65: Proposition 65 Records
Listings of all Proposition 65 incidents reported to counties by the State Water Resources Control Board and the Regional Water Quality Control Board. This database is no longer updated by the reporting agency.

Date of Government Version: 03/18/2019
Date Data Arrived at EDR: 03/19/2019
Date Made Active in Reports: 04/29/2019
Number of Days to Update: 41
Source: State Water Resources Control Board
Telephone: 916-445-3846
Last EDR Contact: 06/17/2019
Next Scheduled EDR Contact: 09/30/2019
Data Release Frequency: No Update Planned

UIC: UIC Listing
A listing of wells identified as underground injection wells, in the California Oil and Gas Wells database.

Date of Government Version: 04/27/2018
Date Data Arrived at EDR: 06/13/2018
Date Made Active in Reports: 07/17/2018
Number of Days to Update: 34
Source: Deaprtment of Conservation
Telephone: 916-445-2408
Last EDR Contact: 06/11/2019
Next Scheduled EDR Contact: 09/23/2019
Data Release Frequency: Varies

UIC GEO: Underground Injection Control Sites (GEOTRACKER)
Underground control injection sites

Date of Government Version: 06/10/2019
Date Data Arrived at EDR: 06/11/2019
Date Made Active in Reports: 07/24/2019
Number of Days to Update: 43
Source: State Water Resource Control Board
Telephone: 866-480-1028
Last EDR Contact: 06/11/2019
Next Scheduled EDR Contact: 09/23/2019
Data Release Frequency: Varies

WASTEWATER PITS: Oil Wastewater Pits Listing
Water officials discovered that oil producers have been dumping chemical-laden wastewater into hundreds of unlined pits that are operating without proper permits. Inspections completed by the Central Valley Regional Water Quality Control Board revealed the existence of previously unidentified waste sites. The water boards review found that more than one-third of the region's active disposal pits are operating without permission.

Date of Government Version: 05/08/2018
Date Data Arrived at EDR: 07/11/2018
Date Made Active in Reports: 09/13/2018
Number of Days to Update: 64
Source: RWQCB, Central Valley Region
Telephone: 559-445-5577
Last EDR Contact: 07/12/2019
Next Scheduled EDR Contact: 10/21/2019
Data Release Frequency: Varies

WDS: Waste Discharge System
Sites which have been issued waste discharge requirements.

Date of Government Version: 06/19/2007
Date Data Arrived at EDR: 06/20/2007
Date Made Active in Reports: 06/29/2007
Number of Days to Update: 9
Source: State Water Resources Control Board
Telephone: 916-341-5227
Last EDR Contact: 05/16/2019
Next Scheduled EDR Contact: 09/02/2019
Data Release Frequency: No Update Planned

WIP: Well Investigation Program Case List
Well Investigation Program case in the San Gabriel and San Fernando Valley area.

Date of Government Version: 07/03/2009
Date Data Arrived at EDR: 07/21/2009
Date Made Active in Reports: 08/03/2009
Number of Days to Update: 13
Source: Los Angeles Water Quality Control Board
Telephone: 213-576-6726
Last EDR Contact: 06/19/2019
Next Scheduled EDR Contact: 10/07/2019
Data Release Frequency: No Update Planned

MILITARY PRIV SITES: Military Privatized Sites (GEOTRACKER)
Military privatized sites

Date of Government Version: 06/10/2019
Date Data Arrived at EDR: 06/11/2019
Date Made Active in Reports: 07/24/2019
Number of Days to Update: 43
Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 06/11/2019
Next Scheduled EDR Contact: 09/23/2019
Data Release Frequency: Varies

PROJECT: Project Sites (GEOTRACKER)
Projects sites

Date of Government Version: 06/10/2019
Date Data Arrived at EDR: 06/11/2019
Date Made Active in Reports: 07/24/2019
Number of Days to Update: 43

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 06/11/2019
Next Scheduled EDR Contact: 09/23/2019
Data Release Frequency: Varies

WDR: Waste Discharge Requirements Listing

In general, the Waste Discharge Requirements (WDRs) Program (sometimes also referred to as the "Non Chapter 15 (Non 15) Program") regulates point discharges that are exempt pursuant to Subsection 20090 of Title 27 and not subject to the Federal Water Pollution Control Act. Exemptions from Title 27 may be granted for nine categories of discharges (e.g., sewage, wastewater, etc.) that meet, and continue to meet, the preconditions listed for each specific exemption. The scope of the WDRs Program also includes the discharge of wastes classified as inert, pursuant to section 20230 of Title 27.

Date of Government Version: 03/11/2019
Date Data Arrived at EDR: 03/13/2019
Date Made Active in Reports: 04/29/2019
Number of Days to Update: 47

Source: State Water Resources Control Board
Telephone: 916-341-5810
Last EDR Contact: 06/12/2019
Next Scheduled EDR Contact: 09/23/2019
Data Release Frequency: Quarterly

CIWQS: California Integrated Water Quality System

The California Integrated Water Quality System (CIWQS) is a computer system used by the State and Regional Water Quality Control Boards to track information about places of environmental interest, manage permits and other orders, track inspections, and manage violations and enforcement activities.

Date of Government Version: 03/05/2019
Date Data Arrived at EDR: 03/05/2019
Date Made Active in Reports: 04/02/2019
Number of Days to Update: 28

Source: State Water Resources Control Board
Telephone: 866-794-4977
Last EDR Contact: 06/04/2019
Next Scheduled EDR Contact: 09/16/2019
Data Release Frequency: Varies

CERS: CalEPA Regulated Site Portal Data

The CalEPA Regulated Site Portal database combines data about environmentally regulated sites and facilities in California into a single database. It combines data from a variety of state and federal databases, and provides an overview of regulated activities across the spectrum of environmental programs for any given location in California. These activities include hazardous materials and waste, state and federal cleanups, impacted ground and surface waters, and toxic materials

Date of Government Version: 04/09/2019
Date Data Arrived at EDR: 04/11/2019
Date Made Active in Reports: 05/08/2019
Number of Days to Update: 27

Source: California Environmental Protection Agency
Telephone: 916-323-2514
Last EDR Contact: 07/23/2019
Next Scheduled EDR Contact: 11/04/2019
Data Release Frequency: Varies

NON-CASE INFO: Non-Case Information Sites (GEOTRACKER)

Non-Case Information sites

Date of Government Version: 06/10/2019
Date Data Arrived at EDR: 06/11/2019
Date Made Active in Reports: 07/24/2019
Number of Days to Update: 43

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 06/11/2019
Next Scheduled EDR Contact: 09/23/2019
Data Release Frequency: Varies

OTHER OIL GAS: Other Oil & Gas Projects Sites (GEOTRACKER)

Other Oil & Gas Projects sites

Date of Government Version: 06/10/2019
Date Data Arrived at EDR: 06/11/2019
Date Made Active in Reports: 07/24/2019
Number of Days to Update: 43

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 06/11/2019
Next Scheduled EDR Contact: 09/23/2019
Data Release Frequency: Varies

PROD WATER PONDS: Produced Water Ponds Sites (GEOTRACKER)
Produced water ponds sites

Date of Government Version: 06/10/2019
Date Data Arrived at EDR: 06/11/2019
Date Made Active in Reports: 07/24/2019
Number of Days to Update: 43

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 06/11/2019
Next Scheduled EDR Contact: 09/23/2019
Data Release Frequency: Varies

SAMPLING POINT: Sampling Point ? Public Sites (GEOTRACKER)
Sampling point - public sites

Date of Government Version: 06/10/2019
Date Data Arrived at EDR: 06/11/2019
Date Made Active in Reports: 07/24/2019
Number of Days to Update: 43

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 06/11/2019
Next Scheduled EDR Contact: 09/23/2019
Data Release Frequency: Varies

WELL STIM PROJ: Well Stimulation Project (GEOTRACKER)
Includes areas of groundwater monitoring plans, a depiction of the monitoring network, and the facilities, boundaries, and subsurface characteristics of the oilfield and the features (oil and gas wells, produced water ponds, UIC wells, water supply wells, etc?) being monitored

Date of Government Version: 06/10/2019
Date Data Arrived at EDR: 06/11/2019
Date Made Active in Reports: 07/24/2019
Number of Days to Update: 43

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 06/11/2019
Next Scheduled EDR Contact: 09/23/2019
Data Release Frequency: Varies

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: EDR Proprietary Manufactured Gas Plants
The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

EDR Hist Auto: EDR Exclusive Historical Auto Stations
EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR Hist Cleaner: EDR Exclusive Historical Cleaners

EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA LF: Recovered Government Archive Solid Waste Facilities List

The EDR Recovered Government Archive Landfill database provides a list of landfills derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Resources Recycling and Recovery in California.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 01/13/2014
Number of Days to Update: 196

Source: Department of Resources Recycling and Recovery
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

RGA LUST: Recovered Government Archive Leaking Underground Storage Tank

The EDR Recovered Government Archive Leaking Underground Storage Tank database provides a list of LUST incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the State Water Resources Control Board in California.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 12/30/2013
Number of Days to Update: 182

Source: State Water Resources Control Board
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

COUNTY RECORDS

ALAMEDA COUNTY:

CS ALAMEDA: Contaminated Sites

A listing of contaminated sites overseen by the Toxic Release Program (oil and groundwater contamination from chemical releases and spills) and the Leaking Underground Storage Tank Program (soil and ground water contamination from leaking petroleum USTs).

Date of Government Version: 01/09/2019
Date Data Arrived at EDR: 01/11/2019
Date Made Active in Reports: 03/05/2019
Number of Days to Update: 53

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 07/08/2019
Next Scheduled EDR Contact: 10/21/2019
Data Release Frequency: Semi-Annually

UST ALAMEDA: Underground Tanks

Underground storage tank sites located in Alameda county.

Date of Government Version: 04/10/2019
Date Data Arrived at EDR: 04/11/2019
Date Made Active in Reports: 06/20/2019
Number of Days to Update: 70

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 07/19/2019
Next Scheduled EDR Contact: 04/24/2047
Data Release Frequency: Semi-Annually

AMADOR COUNTY:

CUPA AMADOR: CUPA Facility List
Cupa Facility List

Date of Government Version: 06/27/2019
Date Data Arrived at EDR: 06/28/2019
Date Made Active in Reports: 07/24/2019
Number of Days to Update: 26

Source: Amador County Environmental Health
Telephone: 209-223-6439
Last EDR Contact: 06/17/2019
Next Scheduled EDR Contact: 09/16/2019
Data Release Frequency: Varies

BUTTE COUNTY:

CUPA BUTTE: CUPA Facility Listing
Cupa facility list.

Date of Government Version: 04/21/2017
Date Data Arrived at EDR: 04/25/2017
Date Made Active in Reports: 08/09/2017
Number of Days to Update: 106

Source: Public Health Department
Telephone: 530-538-7149
Last EDR Contact: 07/08/2019
Next Scheduled EDR Contact: 10/21/2019
Data Release Frequency: No Update Planned

CALVERAS COUNTY:

CUPA CALVERAS: CUPA Facility Listing
Cupa Facility Listing

Date of Government Version: 05/01/2019
Date Data Arrived at EDR: 05/02/2019
Date Made Active in Reports: 05/29/2019
Number of Days to Update: 27

Source: Calveras County Environmental Health
Telephone: 209-754-6399
Last EDR Contact: 06/24/2019
Next Scheduled EDR Contact: 10/07/2019
Data Release Frequency: Quarterly

COLUSA COUNTY:

CUPA COLUSA: CUPA Facility List
Cupa facility list.

Date of Government Version: 05/17/2019
Date Data Arrived at EDR: 05/21/2019
Date Made Active in Reports: 07/18/2019
Number of Days to Update: 58

Source: Health & Human Services
Telephone: 530-458-0396
Last EDR Contact: 05/16/2019
Next Scheduled EDR Contact: 08/19/2019
Data Release Frequency: Semi-Annually

CONTRA COSTA COUNTY:

SL CONTRA COSTA: Site List
List includes sites from the underground tank, hazardous waste generator and business plan/2185 programs.

Date of Government Version: 05/22/2019
Date Data Arrived at EDR: 05/23/2019
Date Made Active in Reports: 07/18/2019
Number of Days to Update: 56

Source: Contra Costa Health Services Department
Telephone: 925-646-2286
Last EDR Contact: 04/29/2019
Next Scheduled EDR Contact: 08/12/2019
Data Release Frequency: Semi-Annually

DEL NORTE COUNTY:

CUPA DEL NORTE: CUPA Facility List
Cupa Facility list

Date of Government Version: 02/20/2019
Date Data Arrived at EDR: 05/01/2019
Date Made Active in Reports: 05/30/2019
Number of Days to Update: 29

Source: Del Norte County Environmental Health Division
Telephone: 707-465-0426
Last EDR Contact: 04/25/2019
Next Scheduled EDR Contact: 08/12/2019
Data Release Frequency: Varies

EL DORADO COUNTY:

CUPA EL DORADO: CUPA Facility List
CUPA facility list.

Date of Government Version: 06/05/2019
Date Data Arrived at EDR: 06/06/2019
Date Made Active in Reports: 07/23/2019
Number of Days to Update: 47

Source: El Dorado County Environmental Management Department
Telephone: 530-621-6623
Last EDR Contact: 04/29/2019
Next Scheduled EDR Contact: 08/12/2019
Data Release Frequency: Varies

FRESNO COUNTY:

CUPA FRESNO: CUPA Resources List
Certified Unified Program Agency. CUPA's are responsible for implementing a unified hazardous materials and hazardous waste management regulatory program. The agency provides oversight of businesses that deal with hazardous materials, operate underground storage tanks or aboveground storage tanks.

Date of Government Version: 04/10/2019
Date Data Arrived at EDR: 04/11/2019
Date Made Active in Reports: 04/30/2019
Number of Days to Update: 19

Source: Dept. of Community Health
Telephone: 559-445-3271
Last EDR Contact: 06/26/2019
Next Scheduled EDR Contact: 10/14/2019
Data Release Frequency: Semi-Annually

GLENN COUNTY:

CUPA GLENN: CUPA Facility List
Cupa facility list

Date of Government Version: 01/22/2018
Date Data Arrived at EDR: 01/24/2018
Date Made Active in Reports: 03/14/2018
Number of Days to Update: 49

Source: Glenn County Air Pollution Control District
Telephone: 830-934-6500
Last EDR Contact: 07/19/2019
Next Scheduled EDR Contact: 11/04/2019
Data Release Frequency: No Update Planned

HUMBOLDT COUNTY:

CUPA HUMBOLDT: CUPA Facility List
CUPA facility list.

Date of Government Version: 12/11/2018
Date Data Arrived at EDR: 12/13/2018
Date Made Active in Reports: 01/15/2019
Number of Days to Update: 33

Source: Humboldt County Environmental Health
Telephone: N/A
Last EDR Contact: 05/20/2019
Next Scheduled EDR Contact: 09/02/2019
Data Release Frequency: Semi-Annually

IMPERIAL COUNTY:

CUPA IMPERIAL: CUPA Facility List
Cupa facility list.

Date of Government Version: 04/24/2019
Date Data Arrived at EDR: 04/25/2019
Date Made Active in Reports: 06/27/2019
Number of Days to Update: 63

Source: San Diego Border Field Office
Telephone: 760-339-2777
Last EDR Contact: 07/19/2019
Next Scheduled EDR Contact: 11/04/2019
Data Release Frequency: Varies

INYO COUNTY:

CUPA INYO: CUPA Facility List
Cupa facility list.

Date of Government Version: 04/02/2018
Date Data Arrived at EDR: 04/03/2018
Date Made Active in Reports: 06/14/2018
Number of Days to Update: 72

Source: Inyo County Environmental Health Services
Telephone: 760-878-0238
Last EDR Contact: 05/16/2019
Next Scheduled EDR Contact: 09/02/2019
Data Release Frequency: Varies

KERN COUNTY:

UST KERN: Underground Storage Tank Sites & Tank Listing
Kern County Sites and Tanks Listing.

Date of Government Version: 05/06/2019
Date Data Arrived at EDR: 05/07/2019
Date Made Active in Reports: 07/16/2019
Number of Days to Update: 70

Source: Kern County Environment Health Services Department
Telephone: 661-862-8700
Last EDR Contact: 05/02/2019
Next Scheduled EDR Contact: 08/19/2019
Data Release Frequency: Quarterly

KINGS COUNTY:

CUPA KINGS: CUPA Facility List
A listing of sites included in the county's Certified Unified Program Agency database. California's Secretary for Environmental Protection established the unified hazardous materials and hazardous waste regulatory program as required by chapter 6.11 of the California Health and Safety Code. The Unified Program consolidates the administration, permits, inspections, and enforcement activities.

Date of Government Version: 05/16/2019
Date Data Arrived at EDR: 05/17/2019
Date Made Active in Reports: 05/30/2019
Number of Days to Update: 13

Source: Kings County Department of Public Health
Telephone: 559-584-1411
Last EDR Contact: 05/16/2019
Next Scheduled EDR Contact: 09/02/2019
Data Release Frequency: Varies

LAKE COUNTY:

CUPA LAKE: CUPA Facility List
Cupa facility list

Date of Government Version: 05/30/2019
Date Data Arrived at EDR: 05/31/2019
Date Made Active in Reports: 07/23/2019
Number of Days to Update: 53

Source: Lake County Environmental Health
Telephone: 707-263-1164
Last EDR Contact: 07/15/2019
Next Scheduled EDR Contact: 10/28/2019
Data Release Frequency: Varies

LASSEN COUNTY:

CUPA LASSEN: CUPA Facility List
Cupa facility list

Date of Government Version: 01/17/2019
Date Data Arrived at EDR: 01/18/2019
Date Made Active in Reports: 03/05/2019
Number of Days to Update: 46

Source: Lassen County Environmental Health
Telephone: 530-251-8528
Last EDR Contact: 07/19/2019
Next Scheduled EDR Contact: 11/04/2019
Data Release Frequency: Varies

LOS ANGELES COUNTY:

AOCONCERN: Key Areas of Concerns in Los Angeles County
San Gabriel Valley areas where VOC contamination is at or above the MCL as designated by region 9 EPA office. Date of Government Version: 3/30/2009 Exide Site area is a cleanup plan of lead-impacted soil surrounding the former Exide Facility as designated by the DTSC. Date of Government Version: 7/17/2017

Date of Government Version: 03/30/2009
Date Data Arrived at EDR: 03/31/2009
Date Made Active in Reports: 10/23/2009
Number of Days to Update: 206

Source: N/A
Telephone: N/A
Last EDR Contact: 06/17/2019
Next Scheduled EDR Contact: 09/30/2019
Data Release Frequency: No Update Planned

HMS LOS ANGELES: HMS: Street Number List
Industrial Waste and Underground Storage Tank Sites.

Date of Government Version: 05/13/2019
Date Data Arrived at EDR: 05/16/2019
Date Made Active in Reports: 07/18/2019
Number of Days to Update: 63

Source: Department of Public Works
Telephone: 626-458-3517
Last EDR Contact: 07/08/2019
Next Scheduled EDR Contact: 10/21/2019
Data Release Frequency: Semi-Annually

LF LOS ANGELES: List of Solid Waste Facilities
Solid Waste Facilities in Los Angeles County.

Date of Government Version: 04/15/2019
Date Data Arrived at EDR: 04/16/2019
Date Made Active in Reports: 06/21/2019
Number of Days to Update: 66

Source: La County Department of Public Works
Telephone: 818-458-5185
Last EDR Contact: 07/17/2019
Next Scheduled EDR Contact: 10/28/2019
Data Release Frequency: Varies

LF LOS ANGELES CITY: City of Los Angeles Landfills
Landfills owned and maintained by the City of Los Angeles.

Date of Government Version: 01/01/2019
Date Data Arrived at EDR: 01/15/2019
Date Made Active in Reports: 03/07/2019
Number of Days to Update: 51

Source: Engineering & Construction Division
Telephone: 213-473-7869
Last EDR Contact: 07/12/2019
Next Scheduled EDR Contact: 10/28/2019
Data Release Frequency: Varies

LOS ANGELES AST: Active & Inactive AST Inventory
A listing of active & inactive above ground petroleum storage tank site locations, located in the City of Los Angeles.

Date of Government Version: 01/01/2019
Date Data Arrived at EDR: 04/05/2019
Date Made Active in Reports: 05/29/2019
Number of Days to Update: 54

Source: Los Angeles Fire Department
Telephone: 213-978-3800
Last EDR Contact: 06/25/2019
Next Scheduled EDR Contact: 10/07/2019
Data Release Frequency: Varies

LOS ANGELES CO LF METHANE: Methane Producing Landfills

This data was created on April 30, 2012 to represent known disposal sites in Los Angeles County that may produce and emanate methane gas. The shapefile contains disposal sites within Los Angeles County that once accepted degradable refuse material. Information used to create this data was extracted from a landfill survey performed by County Engineers (Major Waste System Map, 1973) as well as historical records from CalRecycle, Regional Water Quality Control Board, and Los Angeles County Department of Public Health

Date of Government Version: 04/30/2012
Date Data Arrived at EDR: 04/17/2019
Date Made Active in Reports: 05/29/2019
Number of Days to Update: 42

Source: Los Angeles County Department of Public Works
Telephone: 626-458-6973
Last EDR Contact: 07/19/2019
Next Scheduled EDR Contact: 10/28/2019
Data Release Frequency: No Update Planned

LOS ANGELES HM: Active & Inactive Hazardous Materials Inventory

A listing of active & inactive hazardous materials facility locations, located in the City of Los Angeles.

Date of Government Version: 01/01/2019
Date Data Arrived at EDR: 04/05/2019
Date Made Active in Reports: 05/29/2019
Number of Days to Update: 54

Source: Los Angeles Fire Department
Telephone: 213-978-3800
Last EDR Contact: 06/25/2019
Next Scheduled EDR Contact: 10/07/2019
Data Release Frequency: Varies

LOS ANGELES UST: Active & Inactive UST Inventory

A listing of active & inactive underground storage tank site locations and underground storage tank historical sites, located in the City of Los Angeles.

Date of Government Version: 01/01/2019
Date Data Arrived at EDR: 04/05/2019
Date Made Active in Reports: 05/29/2019
Number of Days to Update: 54

Source: Los Angeles Fire Department
Telephone: 213-978-3800
Last EDR Contact: 06/25/2019
Next Scheduled EDR Contact: 10/07/2019
Data Release Frequency: Varies

SITE MIT LOS ANGELES: Site Mitigation List

Industrial sites that have had some sort of spill or complaint.

Date of Government Version: 04/08/2019
Date Data Arrived at EDR: 04/16/2019
Date Made Active in Reports: 06/21/2019
Number of Days to Update: 66

Source: Community Health Services
Telephone: 323-890-7806
Last EDR Contact: 07/17/2019
Next Scheduled EDR Contact: 10/28/2019
Data Release Frequency: Annually

UST EL SEGUNDO: City of El Segundo Underground Storage Tank

Underground storage tank sites located in El Segundo city.

Date of Government Version: 01/21/2017
Date Data Arrived at EDR: 04/19/2017
Date Made Active in Reports: 05/10/2017
Number of Days to Update: 21

Source: City of El Segundo Fire Department
Telephone: 310-524-2236
Last EDR Contact: 07/12/2019
Next Scheduled EDR Contact: 10/28/2019
Data Release Frequency: No Update Planned

UST LONG BEACH: City of Long Beach Underground Storage Tank

Underground storage tank sites located in the city of Long Beach.

Date of Government Version: 04/22/2019
Date Data Arrived at EDR: 04/23/2019
Date Made Active in Reports: 06/27/2019
Number of Days to Update: 65

Source: City of Long Beach Fire Department
Telephone: 562-570-2563
Last EDR Contact: 07/19/2019
Next Scheduled EDR Contact: 11/04/2019
Data Release Frequency: Varies

UST TORRANCE: City of Torrance Underground Storage Tank
Underground storage tank sites located in the city of Torrance.

Date of Government Version: 04/04/2019
Date Data Arrived at EDR: 04/23/2019
Date Made Active in Reports: 06/27/2019
Number of Days to Update: 65

Source: City of Torrance Fire Department
Telephone: 310-618-2973
Last EDR Contact: 07/19/2019
Next Scheduled EDR Contact: 11/04/2019
Data Release Frequency: Semi-Annually

MADERA COUNTY:

CUPA MADERA: CUPA Facility List
A listing of sites included in the county's Certified Unified Program Agency database. California's Secretary for Environmental Protection established the unified hazardous materials and hazardous waste regulatory program as required by chapter 6.11 of the California Health and Safety Code. The Unified Program consolidates the administration, permits, inspections, and enforcement activities.

Date of Government Version: 02/20/2019
Date Data Arrived at EDR: 02/22/2019
Date Made Active in Reports: 03/07/2019
Number of Days to Update: 13

Source: Madera County Environmental Health
Telephone: 559-675-7823
Last EDR Contact: 05/16/2019
Next Scheduled EDR Contact: 09/02/2019
Data Release Frequency: Varies

MARIN COUNTY:

UST MARIN: Underground Storage Tank Sites
Currently permitted USTs in Marin County.

Date of Government Version: 09/26/2018
Date Data Arrived at EDR: 10/04/2018
Date Made Active in Reports: 11/02/2018
Number of Days to Update: 29

Source: Public Works Department Waste Management
Telephone: 415-473-6647
Last EDR Contact: 06/26/2019
Next Scheduled EDR Contact: 10/14/2019
Data Release Frequency: Semi-Annually

MERCED COUNTY:

CUPA MERCED: CUPA Facility List
CUPA facility list.

Date of Government Version: 05/29/2019
Date Data Arrived at EDR: 05/30/2019
Date Made Active in Reports: 07/22/2019
Number of Days to Update: 53

Source: Merced County Environmental Health
Telephone: 209-381-1094
Last EDR Contact: 05/16/2019
Next Scheduled EDR Contact: 09/02/2019
Data Release Frequency: Varies

MONO COUNTY:

CUPA MONO: CUPA Facility List
CUPA Facility List

Date of Government Version: 05/23/2019
Date Data Arrived at EDR: 05/30/2019
Date Made Active in Reports: 07/22/2019
Number of Days to Update: 53

Source: Mono County Health Department
Telephone: 760-932-5580
Last EDR Contact: 05/23/2019
Next Scheduled EDR Contact: 09/09/2019
Data Release Frequency: Varies

MONTEREY COUNTY:

CUPA MONTEREY: CUPA Facility Listing
CUPA Program listing from the Environmental Health Division.

Date of Government Version: 02/05/2019
Date Data Arrived at EDR: 02/07/2019
Date Made Active in Reports: 03/05/2019
Number of Days to Update: 26

Source: Monterey County Health Department
Telephone: 831-796-1297
Last EDR Contact: 06/28/2019
Next Scheduled EDR Contact: 10/14/2019
Data Release Frequency: Varies

NAPA COUNTY:

LUST NAPA: Sites With Reported Contamination
A listing of leaking underground storage tank sites located in Napa county.

Date of Government Version: 01/09/2017
Date Data Arrived at EDR: 01/11/2017
Date Made Active in Reports: 03/02/2017
Number of Days to Update: 50

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 05/24/2019
Next Scheduled EDR Contact: 09/09/2019
Data Release Frequency: No Update Planned

UST NAPA: Closed and Operating Underground Storage Tank Sites
Underground storage tank sites located in Napa county.

Date of Government Version: 02/21/2019
Date Data Arrived at EDR: 02/22/2019
Date Made Active in Reports: 03/08/2019
Number of Days to Update: 14

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 05/24/2019
Next Scheduled EDR Contact: 09/09/2019
Data Release Frequency: No Update Planned

NEVADA COUNTY:

CUPA NEVADA: CUPA Facility List
CUPA facility list.

Date of Government Version: 05/20/2019
Date Data Arrived at EDR: 05/21/2019
Date Made Active in Reports: 05/30/2019
Number of Days to Update: 9

Source: Community Development Agency
Telephone: 530-265-1467
Last EDR Contact: 05/13/2019
Next Scheduled EDR Contact: 08/12/2019
Data Release Frequency: Varies

ORANGE COUNTY:

IND_SITE ORANGE: List of Industrial Site Cleanups
Petroleum and non-petroleum spills.

Date of Government Version: 05/01/2019
Date Data Arrived at EDR: 05/09/2019
Date Made Active in Reports: 05/30/2019
Number of Days to Update: 21

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 05/06/2019
Next Scheduled EDR Contact: 08/19/2019
Data Release Frequency: Annually

LUST ORANGE: List of Underground Storage Tank Cleanups
Orange County Underground Storage Tank Cleanups (LUST).

Date of Government Version: 05/01/2019
Date Data Arrived at EDR: 05/09/2019
Date Made Active in Reports: 05/30/2019
Number of Days to Update: 21

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 05/06/2019
Next Scheduled EDR Contact: 08/19/2019
Data Release Frequency: Quarterly

UST ORANGE: List of Underground Storage Tank Facilities
Orange County Underground Storage Tank Facilities (UST).

Date of Government Version: 04/02/2019
Date Data Arrived at EDR: 05/07/2019
Date Made Active in Reports: 07/16/2019
Number of Days to Update: 70

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 05/07/2019
Next Scheduled EDR Contact: 08/19/2019
Data Release Frequency: Quarterly

PLACER COUNTY:

MS PLACER: Master List of Facilities
List includes aboveground tanks, underground tanks and cleanup sites.

Date of Government Version: 02/28/2019
Date Data Arrived at EDR: 03/01/2019
Date Made Active in Reports: 04/12/2019
Number of Days to Update: 42

Source: Placer County Health and Human Services
Telephone: 530-745-2363
Last EDR Contact: 06/03/2019
Next Scheduled EDR Contact: 06/17/2019
Data Release Frequency: Semi-Annually

PLUMAS COUNTY:

CUPA PLUMAS: CUPA Facility List
Plumas County CUPA Program facilities.

Date of Government Version: 03/31/2019
Date Data Arrived at EDR: 04/23/2019
Date Made Active in Reports: 06/26/2019
Number of Days to Update: 64

Source: Plumas County Environmental Health
Telephone: 530-283-6355
Last EDR Contact: 07/19/2019
Next Scheduled EDR Contact: 11/04/2019
Data Release Frequency: Varies

RIVERSIDE COUNTY:

LUST RIVERSIDE: Listing of Underground Tank Cleanup Sites
Riverside County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 04/11/2019
Date Data Arrived at EDR: 04/12/2019
Date Made Active in Reports: 04/30/2019
Number of Days to Update: 18

Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 06/17/2019
Next Scheduled EDR Contact: 09/30/2019
Data Release Frequency: Quarterly

UST RIVERSIDE: Underground Storage Tank Tank List
Underground storage tank sites located in Riverside county.

Date of Government Version: 04/11/2019
Date Data Arrived at EDR: 04/12/2019
Date Made Active in Reports: 06/20/2019
Number of Days to Update: 69

Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 06/17/2019
Next Scheduled EDR Contact: 09/30/2019
Data Release Frequency: Quarterly

SACRAMENTO COUNTY:

CS SACRAMENTO: Toxic Site Clean-Up List
List of sites where unauthorized releases of potentially hazardous materials have occurred.

Date of Government Version: 02/05/2019
Date Data Arrived at EDR: 04/02/2019
Date Made Active in Reports: 06/18/2019
Number of Days to Update: 77

Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 06/28/2019
Next Scheduled EDR Contact: 10/14/2019
Data Release Frequency: Quarterly

ML SACRAMENTO: Master Hazardous Materials Facility List

Any business that has hazardous materials on site - hazardous material storage sites, underground storage tanks, waste generators.

Date of Government Version: 02/06/2019
Date Data Arrived at EDR: 04/02/2019
Date Made Active in Reports: 06/20/2019
Number of Days to Update: 79

Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 06/28/2019
Next Scheduled EDR Contact: 10/14/2019
Data Release Frequency: Quarterly

SAN BENITO COUNTY:

CUPA SAN BENITO: CUPA Facility List

Cupa facility list

Date of Government Version: 03/11/2019
Date Data Arrived at EDR: 03/13/2019
Date Made Active in Reports: 04/30/2019
Number of Days to Update: 48

Source: San Benito County Environmental Health
Telephone: N/A
Last EDR Contact: 07/16/2019
Next Scheduled EDR Contact: 08/19/2019
Data Release Frequency: Varies

SAN BERNARDINO COUNTY:

PERMITS SAN BERNARDINO: Hazardous Material Permits

This listing includes underground storage tanks, medical waste handlers/generators, hazardous materials handlers, hazardous waste generators, and waste oil generators/handlers.

Date of Government Version: 05/31/2019
Date Data Arrived at EDR: 05/31/2019
Date Made Active in Reports: 07/22/2019
Number of Days to Update: 52

Source: San Bernardino County Fire Department Hazardous Materials Division
Telephone: 909-387-3041
Last EDR Contact: 05/06/2019
Next Scheduled EDR Contact: 08/19/2019
Data Release Frequency: Quarterly

SAN DIEGO COUNTY:

HMMD SAN DIEGO: Hazardous Materials Management Division Database

The database includes: HE58 - This report contains the business name, site address, business phone number, establishment 'H' permit number, type of permit, and the business status. HE17 - In addition to providing the same information provided in the HE58 listing, HE17 provides inspection dates, violations received by the establishment, hazardous waste generated, the quantity, method of storage, treatment/disposal of waste and the hauler, and information on underground storage tanks. Unauthorized Release List - Includes a summary of environmental contamination cases in San Diego County (underground tank cases, non-tank cases, groundwater contamination, and soil contamination are included.)

Date of Government Version: 03/04/2019
Date Data Arrived at EDR: 03/05/2019
Date Made Active in Reports: 04/02/2019
Number of Days to Update: 28

Source: Hazardous Materials Management Division
Telephone: 619-338-2268
Last EDR Contact: 06/04/2019
Next Scheduled EDR Contact: 09/16/2019
Data Release Frequency: Quarterly

LF SAN DIEGO: Solid Waste Facilities
San Diego County Solid Waste Facilities.

Date of Government Version: 04/18/2018
Date Data Arrived at EDR: 04/24/2018
Date Made Active in Reports: 06/19/2018
Number of Days to Update: 56
Source: Department of Health Services
Telephone: 619-338-2209
Last EDR Contact: 07/19/2019
Next Scheduled EDR Contact: 11/04/2019
Data Release Frequency: Varies

SAN DIEGO CO LOP: Local Oversight Program Listing
A listing of all LOP release sites that are or were under the County of San Diego's jurisdiction. Included are closed or transferred cases, open cases, and cases that did not have a case type indicated. The cases without a case type are mostly complaints; however, some of them could be LOP cases.

Date of Government Version: 04/24/2019
Date Data Arrived at EDR: 04/25/2019
Date Made Active in Reports: 06/27/2019
Number of Days to Update: 63
Source: Department of Environmental Health
Telephone: 858-505-6874
Last EDR Contact: 07/19/2019
Next Scheduled EDR Contact: 11/04/2019
Data Release Frequency: Varies

SAN DIEGO CO SAM: Environmental Case Listing
The listing contains all underground tank release cases and projects pertaining to properties contaminated with hazardous substances that are actively under review by the Site Assessment and Mitigation Program.

Date of Government Version: 03/23/2010
Date Data Arrived at EDR: 06/15/2010
Date Made Active in Reports: 07/09/2010
Number of Days to Update: 24
Source: San Diego County Department of Environmental Health
Telephone: 619-338-2371
Last EDR Contact: 06/03/2019
Next Scheduled EDR Contact: 09/16/2019
Data Release Frequency: No Update Planned

SAN FRANCISCO COUNTY:

LUST SAN FRANCISCO: Local Oversite Facilities
A listing of leaking underground storage tank sites located in San Francisco county.

Date of Government Version: 09/19/2008
Date Data Arrived at EDR: 09/19/2008
Date Made Active in Reports: 09/29/2008
Number of Days to Update: 10
Source: Department Of Public Health San Francisco County
Telephone: 415-252-3920
Last EDR Contact: 05/02/2019
Next Scheduled EDR Contact: 08/19/2019
Data Release Frequency: No Update Planned

UST SAN FRANCISCO: Underground Storage Tank Information
Underground storage tank sites located in San Francisco county.

Date of Government Version: 11/05/2018
Date Data Arrived at EDR: 11/06/2018
Date Made Active in Reports: 12/14/2018
Number of Days to Update: 38
Source: Department of Public Health
Telephone: 415-252-3920
Last EDR Contact: 05/02/2019
Next Scheduled EDR Contact: 08/19/2019
Data Release Frequency: Quarterly

SAN JOAQUIN COUNTY:

UST SAN JOAQUIN: San Joaquin Co. UST
A listing of underground storage tank locations in San Joaquin county.

Date of Government Version: 06/22/2018
Date Data Arrived at EDR: 06/26/2018
Date Made Active in Reports: 07/11/2018
Number of Days to Update: 15
Source: Environmental Health Department
Telephone: N/A
Last EDR Contact: 06/17/2019
Next Scheduled EDR Contact: 09/30/2019
Data Release Frequency: Semi-Annually

SAN LUIS OBISPO COUNTY:

CUPA SAN LUIS OBISPO: CUPA Facility List
Cupa Facility List.

Date of Government Version: 05/20/2019
Date Data Arrived at EDR: 05/21/2019
Date Made Active in Reports: 07/18/2019
Number of Days to Update: 58

Source: San Luis Obispo County Public Health Department
Telephone: 805-781-5596
Last EDR Contact: 05/16/2019
Next Scheduled EDR Contact: 09/02/2019
Data Release Frequency: Varies

SAN MATEO COUNTY:

BI SAN MATEO: Business Inventory
List includes Hazardous Materials Business Plan, hazardous waste generators, and underground storage tanks.

Date of Government Version: 03/04/2019
Date Data Arrived at EDR: 03/13/2019
Date Made Active in Reports: 04/29/2019
Number of Days to Update: 47

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 06/12/2019
Next Scheduled EDR Contact: 09/23/2019
Data Release Frequency: Annually

LUST SAN MATEO: Fuel Leak List
A listing of leaking underground storage tank sites located in San Mateo county.

Date of Government Version: 03/29/2019
Date Data Arrived at EDR: 03/29/2019
Date Made Active in Reports: 05/29/2019
Number of Days to Update: 61

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 06/10/2019
Next Scheduled EDR Contact: 09/23/2019
Data Release Frequency: Semi-Annually

SANTA BARBARA COUNTY:

CUPA SANTA BARBARA: CUPA Facility Listing
CUPA Program Listing from the Environmental Health Services division.

Date of Government Version: 09/08/2011
Date Data Arrived at EDR: 09/09/2011
Date Made Active in Reports: 10/07/2011
Number of Days to Update: 28

Source: Santa Barbara County Public Health Department
Telephone: 805-686-8167
Last EDR Contact: 05/16/2019
Next Scheduled EDR Contact: 09/02/2019
Data Release Frequency: No Update Planned

SANTA CLARA COUNTY:

CUPA SANTA CLARA: Cupa Facility List
Cupa facility list

Date of Government Version: 05/16/2019
Date Data Arrived at EDR: 05/23/2019
Date Made Active in Reports: 07/18/2019
Number of Days to Update: 56

Source: Department of Environmental Health
Telephone: 408-918-1973
Last EDR Contact: 05/16/2019
Next Scheduled EDR Contact: 09/02/2019
Data Release Frequency: Varies

HIST LUST SANTA CLARA: HIST LUST - Fuel Leak Site Activity Report
A listing of open and closed leaking underground storage tanks. This listing is no longer updated by the county. Leaking underground storage tanks are now handled by the Department of Environmental Health.

Date of Government Version: 03/29/2005
Date Data Arrived at EDR: 03/30/2005
Date Made Active in Reports: 04/21/2005
Number of Days to Update: 22

Source: Santa Clara Valley Water District
Telephone: 408-265-2600
Last EDR Contact: 03/23/2009
Next Scheduled EDR Contact: 06/22/2009
Data Release Frequency: No Update Planned

LUST SANTA CLARA: LOP Listing
A listing of leaking underground storage tanks located in Santa Clara county.

Date of Government Version: 03/03/2014
Date Data Arrived at EDR: 03/05/2014
Date Made Active in Reports: 03/18/2014
Number of Days to Update: 13

Source: Department of Environmental Health
Telephone: 408-918-3417
Last EDR Contact: 05/24/2019
Next Scheduled EDR Contact: 09/09/2019
Data Release Frequency: No Update Planned

SAN JOSE HAZMAT: Hazardous Material Facilities
Hazardous material facilities, including underground storage tank sites.

Date of Government Version: 05/19/2019
Date Data Arrived at EDR: 05/23/2019
Date Made Active in Reports: 07/22/2019
Number of Days to Update: 60

Source: City of San Jose Fire Department
Telephone: 408-535-7694
Last EDR Contact: 05/16/2019
Next Scheduled EDR Contact: 08/19/2019
Data Release Frequency: Annually

SANTA CRUZ COUNTY:

CUPA SANTA CRUZ: CUPA Facility List
CUPA facility listing.

Date of Government Version: 01/21/2017
Date Data Arrived at EDR: 02/22/2017
Date Made Active in Reports: 05/23/2017
Number of Days to Update: 90

Source: Santa Cruz County Environmental Health
Telephone: 831-464-2761
Last EDR Contact: 05/16/2019
Next Scheduled EDR Contact: 09/02/2019
Data Release Frequency: Varies

SHASTA COUNTY:

CUPA SHASTA: CUPA Facility List
Cupa Facility List.

Date of Government Version: 06/15/2017
Date Data Arrived at EDR: 06/19/2017
Date Made Active in Reports: 08/09/2017
Number of Days to Update: 51

Source: Shasta County Department of Resource Management
Telephone: 530-225-5789
Last EDR Contact: 05/16/2019
Next Scheduled EDR Contact: 09/02/2019
Data Release Frequency: Varies

SOLANO COUNTY:

LUST SOLANO: Leaking Underground Storage Tanks
A listing of leaking underground storage tank sites located in Solano county.

Date of Government Version: 03/05/2019
Date Data Arrived at EDR: 03/07/2019
Date Made Active in Reports: 04/29/2019
Number of Days to Update: 53

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 06/03/2019
Next Scheduled EDR Contact: 09/16/2019
Data Release Frequency: Quarterly

UST SOLANO: Underground Storage Tanks
Underground storage tank sites located in Solano county.

Date of Government Version: 06/04/2019
Date Data Arrived at EDR: 06/06/2019
Date Made Active in Reports: 07/23/2019
Number of Days to Update: 47

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 06/03/2019
Next Scheduled EDR Contact: 09/16/2019
Data Release Frequency: Quarterly

SONOMA COUNTY:

CUPA SONOMA: Cupa Facility List
Cupa Facility list

Date of Government Version: 06/18/2019
Date Data Arrived at EDR: 06/25/2019
Date Made Active in Reports: 07/24/2019
Number of Days to Update: 29

Source: County of Sonoma Fire & Emergency Services Department
Telephone: 707-565-1174
Last EDR Contact: 06/19/2019
Next Scheduled EDR Contact: 10/07/2019
Data Release Frequency: Varies

LUST SONOMA: Leaking Underground Storage Tank Sites
A listing of leaking underground storage tank sites located in Sonoma county.

Date of Government Version: 04/03/2019
Date Data Arrived at EDR: 04/11/2019
Date Made Active in Reports: 04/30/2019
Number of Days to Update: 19

Source: Department of Health Services
Telephone: 707-565-6565
Last EDR Contact: 06/19/2019
Next Scheduled EDR Contact: 10/07/2019
Data Release Frequency: Quarterly

STANISLAUS COUNTY:

CUPA STANISLAUS: CUPA Facility List
Cupa facility list

Date of Government Version: 12/11/2018
Date Data Arrived at EDR: 12/13/2018
Date Made Active in Reports: 01/15/2019
Number of Days to Update: 33

Source: Stanislaus County Department of Ennvironmental Protection
Telephone: 209-525-6751
Last EDR Contact: 07/15/2019
Next Scheduled EDR Contact: 10/28/2019
Data Release Frequency: Varies

SUTTER COUNTY:

UST SUTTER: Underground Storage Tanks
Underground storage tank sites located in Sutter county.

Date of Government Version: 06/03/2019
Date Data Arrived at EDR: 06/04/2019
Date Made Active in Reports: 07/23/2019
Number of Days to Update: 49

Source: Sutter County Environmental Health Services
Telephone: 530-822-7500
Last EDR Contact: 06/03/2019
Next Scheduled EDR Contact: 09/16/2019
Data Release Frequency: Semi-Annually

TEHAMA COUNTY:

CUPA TEHAMA: CUPA Facility List
Cupa facilities

Date of Government Version: 05/20/2019
Date Data Arrived at EDR: 05/21/2019
Date Made Active in Reports: 07/18/2019
Number of Days to Update: 58

Source: Tehama County Department of Environmental Health
Telephone: 530-527-8020
Last EDR Contact: 05/16/2019
Next Scheduled EDR Contact: 08/19/2019
Data Release Frequency: Varies

TRINITY COUNTY:

CUPA TRINITY: CUPA Facility List
Cupa facility list

Date of Government Version: 04/24/2019
Date Data Arrived at EDR: 04/25/2019
Date Made Active in Reports: 06/28/2019
Number of Days to Update: 64

Source: Department of Toxic Substances Control
Telephone: 760-352-0381
Last EDR Contact: 07/19/2019
Next Scheduled EDR Contact: 11/04/2019
Data Release Frequency: Varies

TULARE COUNTY:

CUPA TULARE: CUPA Facility List
Cupa program facilities

Date of Government Version: 05/09/2019
Date Data Arrived at EDR: 05/10/2019
Date Made Active in Reports: 07/17/2019
Number of Days to Update: 68

Source: Tulare County Environmental Health Services Division
Telephone: 559-624-7400
Last EDR Contact: 05/06/2019
Next Scheduled EDR Contact: 08/19/2019
Data Release Frequency: Varies

TUOLUMNE COUNTY:

CUPA TUOLUMNE: CUPA Facility List
Cupa facility list

Date of Government Version: 04/23/2018
Date Data Arrived at EDR: 04/25/2018
Date Made Active in Reports: 06/25/2018
Number of Days to Update: 61

Source: Divison of Environmental Health
Telephone: 209-533-5633
Last EDR Contact: 07/19/2019
Next Scheduled EDR Contact: 11/04/2019
Data Release Frequency: Varies

VENTURA COUNTY:

BWT VENTURA: Business Plan, Hazardous Waste Producers, and Operating Underground Tanks
The BWT list indicates by site address whether the Environmental Health Division has Business Plan (B), Waste Producer (W), and/or Underground Tank (T) information.

Date of Government Version: 03/26/2019
Date Data Arrived at EDR: 04/25/2019
Date Made Active in Reports: 06/27/2019
Number of Days to Update: 63

Source: Ventura County Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 07/22/2019
Next Scheduled EDR Contact: 11/04/2019
Data Release Frequency: Quarterly

LF VENTURA: Inventory of Illegal Abandoned and Inactive Sites
Ventura County Inventory of Closed, Illegal Abandoned, and Inactive Sites.

Date of Government Version: 12/01/2011
Date Data Arrived at EDR: 12/01/2011
Date Made Active in Reports: 01/19/2012
Number of Days to Update: 49

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 06/26/2019
Next Scheduled EDR Contact: 10/14/2019
Data Release Frequency: No Update Planned

LUST VENTURA: Listing of Underground Tank Cleanup Sites
Ventura County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 05/29/2008
Date Data Arrived at EDR: 06/24/2008
Date Made Active in Reports: 07/31/2008
Number of Days to Update: 37

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 05/09/2019
Next Scheduled EDR Contact: 08/26/2019
Data Release Frequency: No Update Planned

MED WASTE VENTURA: Medical Waste Program List
To protect public health and safety and the environment from potential exposure to disease causing agents, the Environmental Health Division Medical Waste Program regulates the generation, handling, storage, treatment and disposal of medical waste throughout the County.

Date of Government Version: 03/26/2019
Date Data Arrived at EDR: 04/25/2019
Date Made Active in Reports: 05/30/2019
Number of Days to Update: 35
Source: Ventura County Resource Management Agency
Telephone: 805-654-2813
Last EDR Contact: 07/22/2019
Next Scheduled EDR Contact: 11/04/2019
Data Release Frequency: Quarterly

UST VENTURA: Underground Tank Closed Sites List
Ventura County Operating Underground Storage Tank Sites (UST)/Underground Tank Closed Sites List.

Date of Government Version: 06/10/2019
Date Data Arrived at EDR: 06/12/2019
Date Made Active in Reports: 07/24/2019
Number of Days to Update: 42
Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 06/12/2019
Next Scheduled EDR Contact: 09/23/2019
Data Release Frequency: Quarterly

YOLO COUNTY:

UST YOLO: Underground Storage Tank Comprehensive Facility Report
Underground storage tank sites located in Yolo county.

Date of Government Version: 03/29/2019
Date Data Arrived at EDR: 04/05/2019
Date Made Active in Reports: 06/20/2019
Number of Days to Update: 76
Source: Yolo County Department of Health
Telephone: 530-666-8646
Last EDR Contact: 06/26/2019
Next Scheduled EDR Contact: 10/14/2019
Data Release Frequency: Annually

YUBA COUNTY:

CUPA YUBA: CUPA Facility List
CUPA facility listing for Yuba County.

Date of Government Version: 05/03/2019
Date Data Arrived at EDR: 05/07/2019
Date Made Active in Reports: 07/16/2019
Number of Days to Update: 70
Source: Yuba County Environmental Health Department
Telephone: 530-749-7523
Last EDR Contact: 04/25/2019
Next Scheduled EDR Contact: 08/12/2019
Data Release Frequency: Varies

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

CT MANIFEST: Hazardous Waste Manifest Data
Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 02/11/2019
Date Data Arrived at EDR: 02/12/2019
Date Made Active in Reports: 03/04/2019
Number of Days to Update: 20
Source: Department of Energy & Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 05/14/2019
Next Scheduled EDR Contact: 08/26/2019
Data Release Frequency: No Update Planned

NJ MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 04/10/2019
Date Made Active in Reports: 05/16/2019
Number of Days to Update: 36

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 07/09/2019
Next Scheduled EDR Contact: 10/21/2019
Data Release Frequency: Annually

NY MANIFEST: Facility and Manifest Data
Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 01/01/2019
Date Data Arrived at EDR: 05/01/2019
Date Made Active in Reports: 06/21/2019
Number of Days to Update: 51

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 05/01/2019
Next Scheduled EDR Contact: 08/12/2019
Data Release Frequency: Quarterly

PA MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2017
Date Data Arrived at EDR: 10/23/2018
Date Made Active in Reports: 11/27/2018
Number of Days to Update: 35

Source: Department of Environmental Protection
Telephone: 717-783-8990
Last EDR Contact: 07/15/2019
Next Scheduled EDR Contact: 10/28/2019
Data Release Frequency: Annually

RI MANIFEST: Manifest information
Hazardous waste manifest information

Date of Government Version: 12/31/2017
Date Data Arrived at EDR: 02/23/2018
Date Made Active in Reports: 04/09/2018
Number of Days to Update: 45

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 05/17/2019
Next Scheduled EDR Contact: 09/02/2019
Data Release Frequency: Annually

WI MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2017
Date Data Arrived at EDR: 06/15/2018
Date Made Active in Reports: 07/09/2018
Number of Days to Update: 24

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 06/10/2019
Next Scheduled EDR Contact: 09/23/2019
Data Release Frequency: Annually

Oil/Gas Pipelines
Source: PennWell Corporation
Petroleum Bundle (Crude Oil, Refined Products, Petrochemicals, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)) N = Natural Gas Bundle (Natural Gas, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)). This map includes information copyrighted by PennWell Corporation. This information is provided on a best effort basis and PennWell Corporation does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of PennWell.

Electric Power Transmission Line Data
Source: PennWell Corporation
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Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

AHA Hospitals:
Source: American Hospital Association, Inc.
Telephone: 312-280-5991
The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing
Source: Centers for Medicare & Medicaid Services
Telephone: 410-786-3000
A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes
Source: National Institutes of Health
Telephone: 301-594-6248
Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Licensed Facilities
Source: Department of Social Services
Telephone: 916-657-4041

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.
Source: FEMA
Telephone: 877-336-2627
Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetland Inventory
Source: Department of Fish and Wildlife
Telephone: 916-445-0411

Current USGS 7.5 Minute Topographic Map
Source: U.S. Geological Survey

STREET AND ADDRESS INFORMATION

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GEOCHECK ®- PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

DHS CORPORATE YARD PARK
65810 HACIENDA AVENUE
DESERT HOT SPRINGS, CA 92240

TARGET PROPERTY COORDINATES

Latitude (North):	33.955135 - 33° 57' 18.49''
Longitude (West):	116.513358 - 116° 30' 48.09''
Universal Tranverse Mercator:	Zone 11
UTM X (Meters):	544965.2
UTM Y (Meters):	3757093.8
Elevation:	1028 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	5641202 DESERT HOT SPRINGS, CA
Version Date:	2012
East Map:	5639298 SEVEN PALMS VALLEY, CA
Version Date:	2012

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principle investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

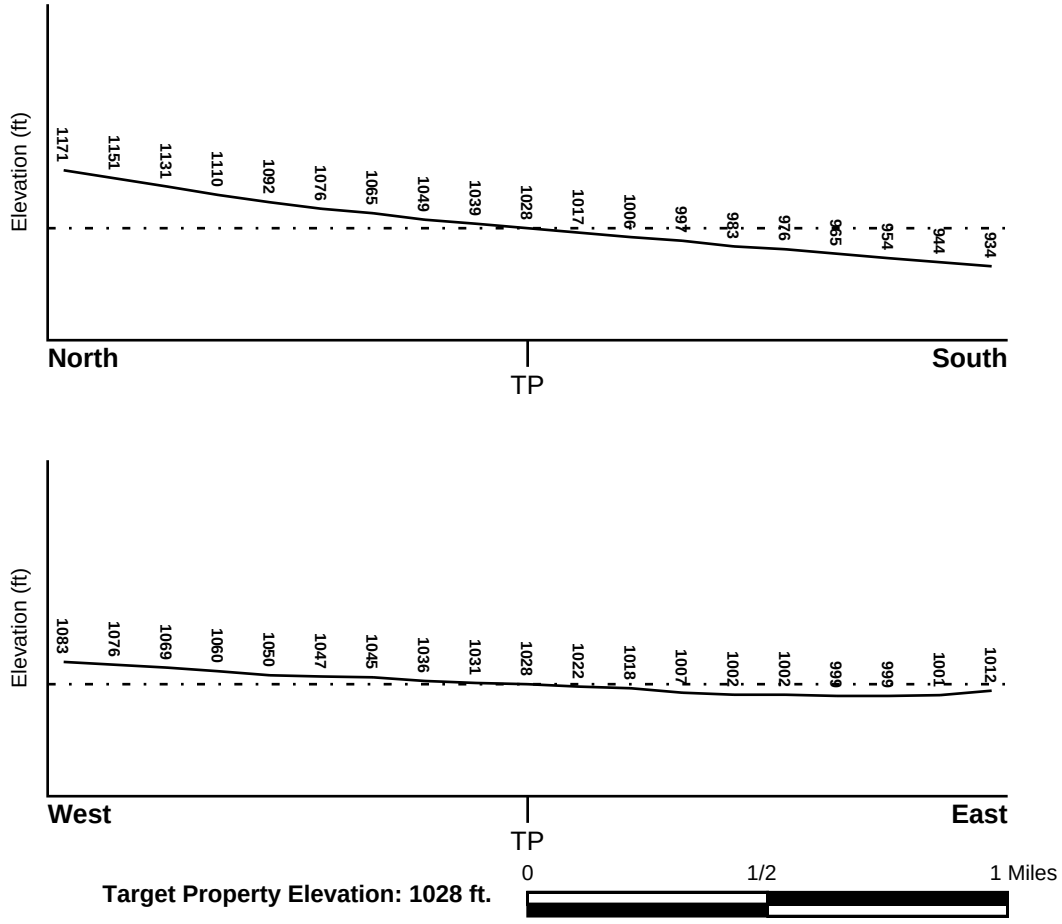
TOPOGRAPHIC INFORMATION

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General SSE

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

Flood Plain Panel at Target Property	FEMA Source Type
06065C0885G	FEMA FIRM Flood data

Additional Panels in search area:	FEMA Source Type
06065C0905G	FEMA FIRM Flood data

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property	NWI Electronic Data Coverage
DESERT HOT SPRINGS	YES - refer to the Overview Map and Detail Map

HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Site-Specific Hydrogeological Data*:

Search Radius:	1.25 miles
Status:	Not found

AQUIFLOW®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

MAP ID	LOCATION FROM TP	GENERAL DIRECTION GROUNDWATER FLOW
Not Reported		

* ©1996 Site−specific hydrogeological data gathered by CERCLIS Alerts, Inc., Bainbridge Island, WA. All rights reserved. All of the information and opinions presented are those of the cited EPA report(s), which were completed under a Comprehensive Environmental Response Compensation and Liability Information System (CERCLIS) investigation.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

ROCK STRATIGRAPHIC UNIT

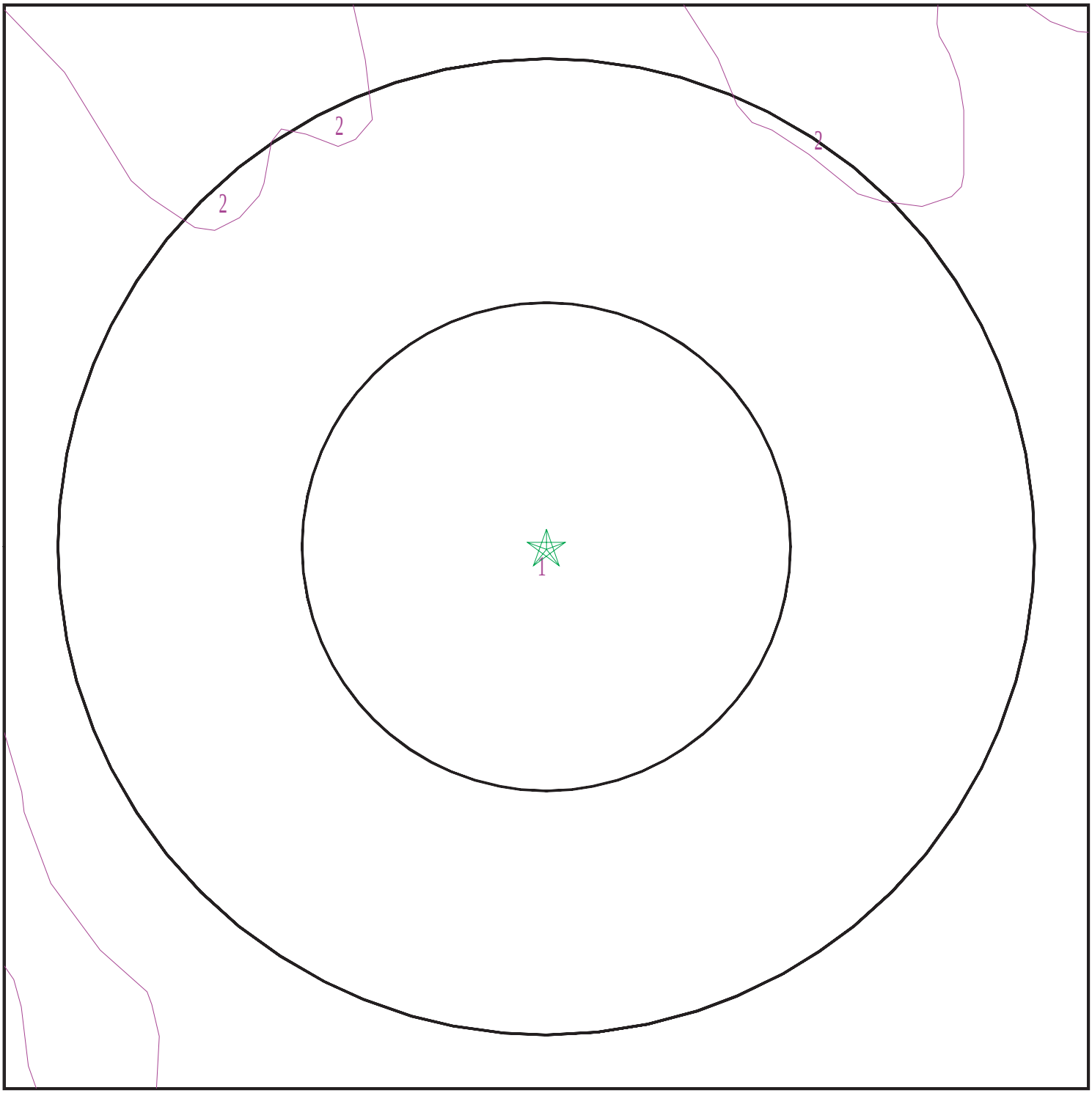
Era:	Precambrian
System:	Precambrian
Series:	Orthogneiss and paragneiss
Code:	Xm *(decoded above as Era, System & Series)*

GEOLOGIC AGE IDENTIFICATION

Category: Metamorphic Rocks

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

SSURGO SOIL MAP - 5745244.2s



Target Property
SSURGO Soil
Water

0 1/16 1/8 1/4 Miles

N

SITE NAME:	DHS Corporate Yard Park	CLIENT:	Dudek & Associates
ADDRESS:	65810 Hacienda Avenue Desert Hot Springs CA 92240	CONTACT:	Marcelo Azevedo
LAT/LONG:	33.955135 / 116.513358	INQUIRY #:	5745244.2s
		DATE:	August 08, 2019 10:46 am

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GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. The following information is based on Soil Conservation Service SSURGO data.

Soil Map ID: 1

Soil Component Name: Carsitas

Soil Surface Texture: fine sand

Hydrologic Group: Class A - High infiltration rates. Soils are deep, well drained to excessively drained sands and gravels.

Soil Drainage Class: Excessively drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	9 inches	fine sand	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Clean Sands, Poorly graded sand.	Max: 141 Min: 42	Max: 8.4 Min: 7.9
2	9 inches	59 inches	gravelly sand	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Clean Sands, Poorly graded sand.	Max: 141 Min: 42	Max: 8.4 Min: 7.9

Soil Map ID: 2

Soil Component Name: Carsitas

Soil Surface Texture: gravelly sand

Hydrologic Group: Class A - High infiltration rates. Soils are deep, well drained to excessively drained sands and gravels.

Soil Drainage Class: Excessively drained

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	9 inches	gravelly sand	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Clean Sands, Poorly graded sand.	Max: 141 Min: 42	Max: 8.4 Min: 7.9
2	9 inches	59 inches	gravelly sand	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Clean Sands, Poorly graded sand.	Max: 141 Min: 42	Max: 8.4 Min: 7.9

LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

WELL SEARCH DISTANCE INFORMATION

DATABASE	SEARCH DISTANCE (miles)
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
4	USGS40000139222	1/4 - 1/2 Mile SSW
5	USGS40000139237	1/2 - 1 Mile ESE
8	USGS40000139304	1/2 - 1 Mile WNW
9	USGS40000139293	1/2 - 1 Mile WNW
B10	USGS40000139317	1/2 - 1 Mile NE
B12	USGS40000139323	1/2 - 1 Mile NE
B13	USGS40000139324	1/2 - 1 Mile NE
B14	USGS40000139325	1/2 - 1 Mile NE
15	USGS40000139338	1/2 - 1 Mile NE

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

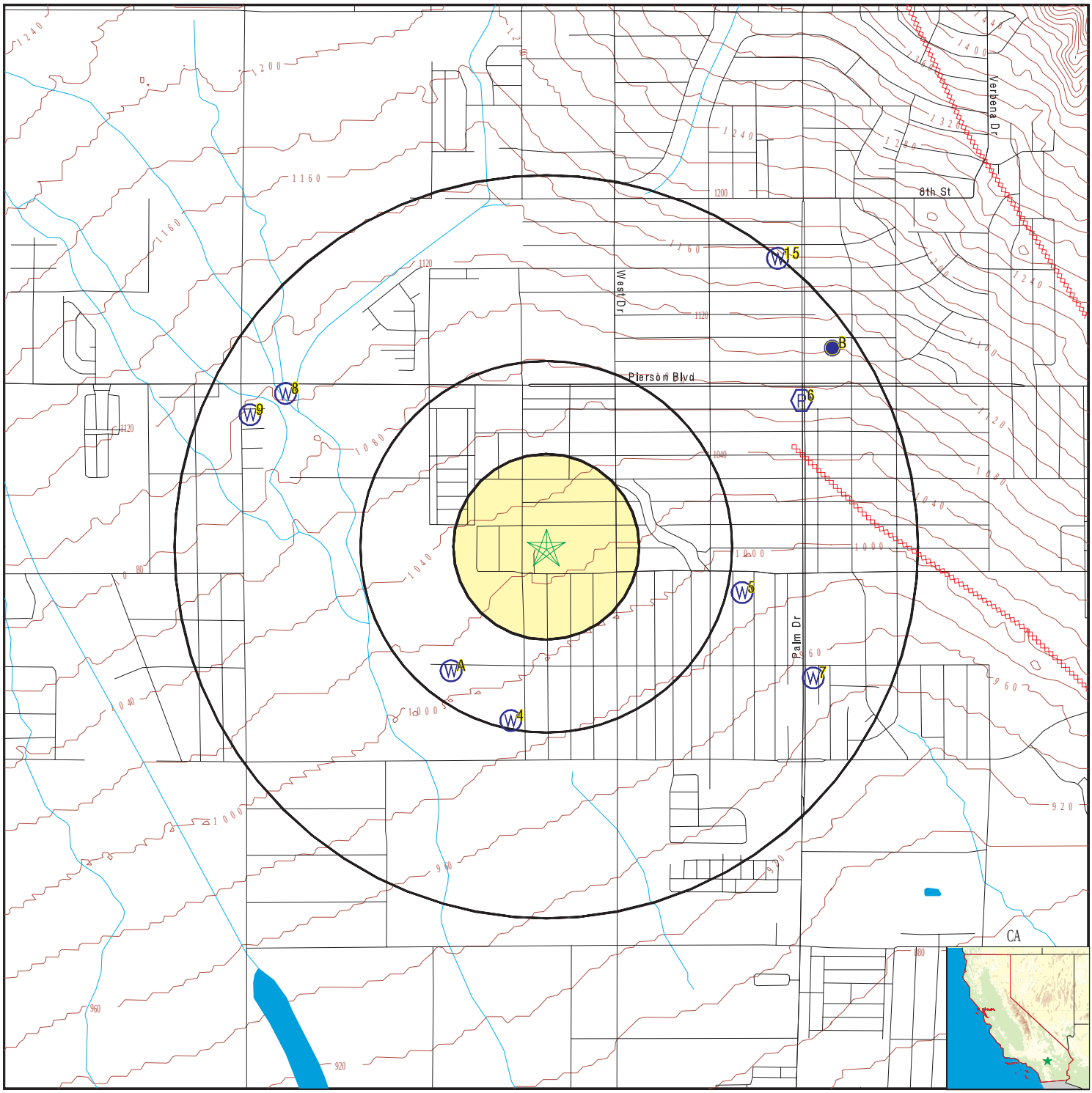
MAP ID	WELL ID	LOCATION FROM TP
6	CA3301489	1/2 - 1 Mile ENE

Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
A1	2448	1/4 - 1/2 Mile SW
A2	2446	1/4 - 1/2 Mile SW
A3	2447	1/4 - 1/2 Mile SW
7	2479	1/2 - 1 Mile ESE
B11	CADWR8000006238	1/2 - 1 Mile NE

PHYSICAL SETTING SOURCE MAP - 5745244.2s



- County Boundary
- Major Roads
- Contour Lines
- Earthquake Fault Lines
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons
- Groundwater Flow Direction
- Indeterminate Groundwater Flow at Location
- Groundwater Flow Varies at Location
- Closest Hydrogeological Data
- Oil, gas or related wells

SITE NAME:	DHS Corporate Yard Park	CLIENT:	Dudek & Associates
ADDRESS:	65810 Hacienda Avenue Desert Hot Springs CA 92240	CONTACT:	Marcelo Azevedo
		INQUIRY #:	5745244.2s
LAT/LONG:	33.955135 / 116.513358	DATE:	August 08, 2019 10:46 am

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GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

A1
SW
1/4 - 1/2 Mile
Lower

CA WELLS **2448**

Seq:	2448	Prim sta c:	02S/04E-36K01 S
Frds no:	3310008015	County:	33
District:	14	User id:	WAT
System no:	3310008	Water type:	G
Source nam:	WELL 29	Station ty:	WELL/AMBNT/MUN/INTAKE
Latitude:	335703.0	Longitude:	1163103.0
Precision:	1	Status:	AU
Comment 1:	Not Reported	Comment 2:	Not Reported
Comment 3:	Not Reported	Comment 4:	Not Reported
Comment 5:	Not Reported	Comment 6:	Not Reported
Comment 7:	Not Reported		

System no:	3310008	System nam:	Mission Springs WD
Hqname:	Not Reported	Address:	66-575 Second Street
City:	Desert Hot Springs	State:	CA
Zip:	92240	Zip ext:	Not Reported
Pop serv:	24195	Connection:	7332
Area serve:	MISSION CREEK/DESERT HOT SPGS		

Sample date:	01-JUN-17	Finding:	51.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		

Sample date:	01-JUN-17	Finding:	2.3
Chemical:	GROSS ALPHA MDA95	Report units:	PCI/L
Dlr:	0.		

Sample date:	01-JUN-17	Finding:	0.73
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		

Sample date:	01-JUN-17	Finding:	0.81
Chemical:	URANIUM COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		

Sample date:	01-JUN-17	Finding:	11.81
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)	Report units:	Not Reported
Dlr:	0.		

Sample date:	01-JUN-17	Finding:	3.2
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dlr:	0.1		

Sample date:	01-JUN-17	Finding:	0.57
Chemical:	LANGELIER INDEX @ 60 C	Report units:	Not Reported
Dlr:	0.		

Sample date:	01-JUN-17	Finding:	540.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		

Sample date:	01-JUN-17	Finding:	1.9
Chemical:	URANIUM (PCI/L)	Report units:	PCI/L
Dlr:	1.		

Sample date:	01-JUN-17	Finding:	2.9
Chemical:	GROSS ALPHA COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	01-JUN-17	Finding:	4.1
Chemical:	GROSS ALPHA	Report units:	PCI/L
Dlr:	3.		
Sample date:	01-JUN-17	Finding:	34.
Chemical:	MANGANESE	Report units:	UG/L
Dlr:	20.		
Sample date:	01-JUN-17	Finding:	20.
Chemical:	SOURCE TEMPERATURE C	Report units:	C
Dlr:	0.		
Sample date:	01-JUN-17	Finding:	7.5
Chemical:	COLOR	Report units:	UNITS
Dlr:	0.		
Sample date:	01-JUN-17	Finding:	870.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	01-JUN-17	Finding:	7.6
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	01-JUN-17	Finding:	130.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	01-JUN-17	Finding:	160.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		
Sample date:	01-JUN-17	Finding:	0.73
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	01-JUN-17	Finding:	190.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	01-JUN-17	Finding:	0.88
Chemical:	URANIUM MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	01-JUN-17	Finding:	15.
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	01-JUN-17	Finding:	110.
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	01-JUN-17	Finding:	7.8
Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	01-JUN-17	Finding:	22.
Chemical:	CHLORIDE	Report units:	MG/L

Dlr:	0.		
Sample date:	01-JUN-17	Finding:	280.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	01-JUN-17	Finding:	0.73
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	01-JUN-17	Finding:	4.8
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	01-JUN-17	Finding:	27.
Chemical:	CHROMIUM (TOTAL)	Report units:	UG/L
Dlr:	10.		
Sample date:	01-JUN-17	Finding:	490.
Chemical:	IRON	Report units:	UG/L
Dlr:	100.		
Sample date:	08-JUL-15	Finding:	0.47
Chemical:	RADIUM, TOTAL, MDA95-NTNC ONLY, BY 903.0		
Report units:	PCI/L	Dlr:	0.
Sample date:	08-JUL-15	Finding:	8.1e-002
Chemical:	RA-226 OR TOTAL RA BY 903.0 C.E.	Report units:	PCI/L
Dlr:	0.		
Sample date:	08-JUL-15	Finding:	0.2
Chemical:	RADIUM 228 MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	08-JUL-15	Finding:	0.518
Chemical:	RADIUM 228 COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	08-JUL-15	Finding:	2.4e-002
Chemical:	RADIUM 226	Report units:	PCI/L
Dlr:	1.		
Sample date:	08-JUL-15	Finding:	0.89
Chemical:	URANIUM MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	08-JUL-15	Finding:	1.6
Chemical:	GROSS ALPHA MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	08-JUL-15	Finding:	0.98
Chemical:	URANIUM COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	08-JUL-15	Finding:	4.3
Chemical:	URANIUM (PCI/L)	Report units:	PCI/L
Dlr:	1.		
Sample date:	08-JUL-15	Finding:	2.6
Chemical:	GROSS ALPHA COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		

Sample date:	29-DEC-14	Finding:	19.
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	09-JUL-14	Finding:	17.
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	08-JUL-14	Finding:	20.
Chemical:	SOURCE TEMPERATURE C	Report units:	C
Dlr:	0.		
Sample date:	08-JUL-14	Finding:	880.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	08-JUL-14	Finding:	7.9
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	08-JUL-14	Finding:	140.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	08-JUL-14	Finding:	160.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		
Sample date:	08-JUL-14	Finding:	230.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	08-JUL-14	Finding:	61.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	08-JUL-14	Finding:	19.
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	08-JUL-14	Finding:	87.
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	08-JUL-14	Finding:	7.8
Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	08-JUL-14	Finding:	27.
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	08-JUL-14	Finding:	260.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	08-JUL-14	Finding:	0.76
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	08-JUL-14	Finding:	150.
Chemical:	BORON	Report units:	UG/L

Dlr:	100.		
Sample date:	08-JUL-14	Finding:	17.
Chemical:	CHROMIUM (TOTAL)	Report units:	UG/L
Dlr:	10.		
Sample date:	08-JUL-14	Finding:	3.3
Chemical:	GROSS ALPHA COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	08-JUL-14	Finding:	4.7
Chemical:	URANIUM (PCI/L)	Report units:	PCI/L
Dlr:	1.		
Sample date:	08-JUL-14	Finding:	590.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	08-JUL-14	Finding:	0.94
Chemical:	LANGELIER INDEX @ 60 C	Report units:	Not Reported
Dlr:	0.		
Sample date:	08-JUL-14	Finding:	0.34
Chemical:	LANGELIER INDEX AT SOURCE TEMP.	Report units:	Not Reported
Dlr:	0.		
Sample date:	08-JUL-14	Finding:	5.7
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	08-JUL-14	Finding:	12.18
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)	Report units:	Not Reported
Dlr:	0.		
Sample date:	08-JUL-14	Finding:	0.97
Chemical:	URANIUM COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	08-JUL-14	Finding:	2.
Chemical:	GROSS ALPHA MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	08-JUL-14	Finding:	0.88
Chemical:	URANIUM MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	13-JAN-14	Finding:	5.5
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	07-JAN-14	Finding:	1.3
Chemical:	URANIUM COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	07-JAN-14	Finding:	0.47
Chemical:	RADIUM, TOTAL, MDA95-NTNC ONLY, BY 903.0		
Report units:	PCI/L	Dlr:	0.
Sample date:	07-JAN-14	Finding:	0.297
Chemical:	RA-226 OR TOTAL RA BY 903.0 C.E.	Report units:	PCI/L
Dlr:	0.		

Sample date:	07-JAN-14	Finding:	0.253
Chemical:	RADIUM 228 MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	07-JAN-14	Finding:	0.511
Chemical:	RADIUM 228 COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	07-JAN-14	Finding:	0.87
Chemical:	URANIUM MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	07-JAN-14	Finding:	2.
Chemical:	GROSS ALPHA MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	07-JAN-14	Finding:	1.
Chemical:	URANIUM COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	07-JAN-14	Finding:	6.3
Chemical:	URANIUM (PCI/L)	Report units:	PCI/L
Dlr:	1.		
Sample date:	07-JAN-14	Finding:	8.4
Chemical:	GROSS ALPHA	Report units:	PCI/L
Dlr:	3.		
Sample date:	07-JAN-14	Finding:	2.3
Chemical:	GROSS ALPHA COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	07-JAN-14	Finding:	9.4
Chemical:	URANIUM (PCI/L)	Report units:	PCI/L
Dlr:	1.		
Sample date:	07-JAN-14	Finding:	1.7
Chemical:	GROSS ALPHA MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	07-JAN-14	Finding:	0.88
Chemical:	URANIUM MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	07-JAN-14	Finding:	6.5
Chemical:	GROSS ALPHA	Report units:	PCI/L
Dlr:	3.		
Sample date:	07-JAN-14	Finding:	2.4
Chemical:	GROSS ALPHA COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	09-JUL-12	Finding:	20.
Chemical:	SOURCE TEMPERATURE C	Report units:	C
Dlr:	0.		
Sample date:	09-JUL-12	Finding:	12.24
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)	Report units:	Not Reported
Dlr:	0.		
Sample date:	09-JUL-12	Finding:	5.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L

Dlr:	2.		
Sample date:	09-JUL-12	Finding:	0.4
Chemical:	LANGELIER INDEX AT SOURCE TEMP.	Report units:	Not Reported
Dlr:	0.		
Sample date:	09-JUL-12	Finding:	830.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	09-JUL-12	Finding:	62.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	09-JUL-12	Finding:	140.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	09-JUL-12	Finding:	7.9
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	09-JUL-12	Finding:	1.
Chemical:	LANGELIER INDEX @ 60 C	Report units:	Not Reported
Dlr:	0.		

A2
SW
1/4 - 1/2 Mile
Lower

CA WELLS 2446

Seq:	2446	Prim sta c:	02S/04E-36D01 S
Frds no:	3310008008	County:	33
District:	14	User id:	WAT
System no:	3310008	Water type:	G
Source nam:	WELL 22	Station ty:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Latitude:	335700.0	Longitude:	1163100.0
Precision:	8	Status:	AU
Comment 1:	Not Reported	Comment 2:	Not Reported
Comment 3:	Not Reported	Comment 4:	Not Reported
Comment 5:	Not Reported	Comment 6:	Not Reported
Comment 7:	Not Reported		
System no:	3310008	System nam:	Mission Springs WD
Hqname:	Not Reported	Address:	66-575 Second Street
City:	Desert Hot Springs	State:	CA
Zip:	92240	Zip ext:	Not Reported
Pop serv:	24195	Connection:	7332
Area serve:	MISSION CREEK/DESERT HOT SPGS		
Sample date:	07-JUN-17	Finding:	450.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	07-JUN-17	Finding:	0.89
Chemical:	LANGELIER INDEX @ 60 C	Report units:	Not Reported
Dlr:	0.		
Sample date:	07-JUN-17	Finding:	0.28
Chemical:	LANGELIER INDEX AT SOURCE TEMP.	Report units:	Not Reported
Dlr:	0.		

Sample date:	07-JUN-17	Finding:	12.12
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)	Report units:	Not Reported
Dlr:	0.		
Sample date:	07-JUN-17	Finding:	1.6
Chemical:	URANIUM COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	07-JUN-17	Finding:	1.
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	07-JUN-17	Finding:	2.6
Chemical:	GROSS ALPHA MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	07-JUN-17	Finding:	0.88
Chemical:	URANIUM MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	07-JUN-17	Finding:	20.
Chemical:	SOURCE TEMPERATURE C	Report units:	C
Dlr:	0.		
Sample date:	07-JUN-17	Finding:	680.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	07-JUN-17	Finding:	7.7
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	07-JUN-17	Finding:	170.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	07-JUN-17	Finding:	210.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		
Sample date:	07-JUN-17	Finding:	1.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	07-JUN-17	Finding:	220.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	07-JUN-17	Finding:	59.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	07-JUN-17	Finding:	19.
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	07-JUN-17	Finding:	57.
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	07-JUN-17	Finding:	8.2
Chemical:	POTASSIUM	Report units:	MG/L

Dlr:	0.		
Sample date:	07-JUN-17	Finding:	12.
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	07-JUN-17	Finding:	160.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	07-JUN-17	Finding:	0.74
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	07-JUN-17	Finding:	9.1
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	07-JUN-17	Finding:	7.2
Chemical:	VANADIUM	Report units:	UG/L
Dlr:	3.		
Sample date:	07-JUN-17	Finding:	6.3
Chemical:	GROSS ALPHA	Report units:	PCI/L
Dlr:	3.		
Sample date:	07-JUN-17	Finding:	2.9
Chemical:	GROSS ALPHA COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	07-JUN-17	Finding:	13.
Chemical:	URANIUM (PCI/L)	Report units:	PCI/L
Dlr:	1.		
Sample date:	10-APR-17	Finding:	8.2
Chemical:	GROSS ALPHA	Report units:	PCI/L
Dlr:	3.		
Sample date:	10-APR-17	Finding:	2.2
Chemical:	GROSS ALPHA COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	10-APR-17	Finding:	12.
Chemical:	URANIUM (PCI/L)	Report units:	PCI/L
Dlr:	1.		
Sample date:	10-APR-17	Finding:	1.6
Chemical:	URANIUM COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	10-APR-17	Finding:	2.1
Chemical:	GROSS ALPHA MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	10-APR-17	Finding:	0.89
Chemical:	URANIUM MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	10-APR-17	Finding:	0.114
Chemical:	RADIUM 226 COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		

Sample date:	10-APR-17	Finding:	0.223
Chemical:	RADIUM 228 COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	10-APR-17	Finding:	0.363
Chemical:	RADIUM 226 MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	10-APR-17	Finding:	0.191
Chemical:	RADIUM 228 MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	12-SEP-16	Finding:	0.91
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	24-FEB-16	Finding:	0.8
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	09-JUL-14	Finding:	8.4
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	08-JUL-14	Finding:	55.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	08-JUL-14	Finding:	0.88
Chemical:	URANIUM MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	08-JUL-14	Finding:	1.7
Chemical:	GROSS ALPHA MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	08-JUL-14	Finding:	1.5
Chemical:	URANIUM COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	08-JUL-14	Finding:	12.06
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)	Report units:	Not Reported
Dlr:	0.		
Sample date:	08-JUL-14	Finding:	3.5
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	08-JUL-14	Finding:	0.23
Chemical:	LANGELIER INDEX AT SOURCE TEMP.	Report units:	Not Reported
Dlr:	0.		
Sample date:	08-JUL-14	Finding:	0.84
Chemical:	LANGELIER INDEX @ 60 C	Report units:	Not Reported
Dlr:	0.		
Sample date:	08-JUL-14	Finding:	440.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	08-JUL-14	Finding:	0.98
Chemical:	DICHLOROMETHANE	Report units:	UG/L

Dlr:	0.5		
Sample date:	08-JUL-14	Finding:	12.
Chemical:	URANIUM (PCI/L)	Report units:	PCI/L
Dlr:	1.		
Sample date:	08-JUL-14	Finding:	2.6
Chemical:	GROSS ALPHA COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	08-JUL-14	Finding:	20.
Chemical:	SOURCE TEMPERATURE C	Report units:	C
Dlr:	0.		
Sample date:	08-JUL-14	Finding:	660.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	08-JUL-14	Finding:	7.7
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	08-JUL-14	Finding:	170.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	08-JUL-14	Finding:	200.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		
Sample date:	08-JUL-14	Finding:	210.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	08-JUL-14	Finding:	18.
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	08-JUL-14	Finding:	52.
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	08-JUL-14	Finding:	7.5
Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	08-JUL-14	Finding:	13.
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	08-JUL-14	Finding:	160.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	08-JUL-14	Finding:	0.77
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	08-JUL-14	Finding:	7.8
Chemical:	VANADIUM	Report units:	UG/L
Dlr:	3.		

Sample date:	07-APR-14	Finding:	0.589
Chemical:	RADIUM 228 COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	07-APR-14	Finding:	0.418
Chemical:	RADIUM, TOTAL, MDA95-NTNC ONLY, BY 903.0		
Report units:	PCI/L	Dlr:	0.
Sample date:	07-APR-14	Finding:	0.245
Chemical:	RA-226 OR TOTAL RA BY 903.0 C.E.	Report units:	PCI/L
Dlr:	0.		
Sample date:	07-APR-14	Finding:	4.7e-002
Chemical:	RA-226 FOR CWS OR TOTAL RA FOR NTNC BY 903.0		
Report units:	PCI/L	Dlr:	0.
Sample date:	07-APR-14	Finding:	0.2
Chemical:	RADIUM 228 MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	07-APR-14	Finding:	3.
Chemical:	GROSS ALPHA COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	07-APR-14	Finding:	8.3e-002
Chemical:	RADIUM 228	Report units:	PCI/L
Dlr:	1.		
Sample date:	07-APR-14	Finding:	0.88
Chemical:	URANIUM MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	07-APR-14	Finding:	1.9
Chemical:	GROSS ALPHA MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	07-APR-14	Finding:	1.5
Chemical:	URANIUM COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	07-APR-14	Finding:	14.
Chemical:	URANIUM (PCI/L)	Report units:	PCI/L
Dlr:	1.		
Sample date:	13-JAN-14	Finding:	3.7
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	09-JUL-12	Finding:	20.
Chemical:	SOURCE TEMPERATURE C	Report units:	C
Dlr:	0.		
Sample date:	09-JUL-12	Finding:	660.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	09-JUL-12	Finding:	7.8
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	09-JUL-12	Finding:	170.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L

Dlr:	0.		
Sample date:	09-JUL-12	Finding:	12.18
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)	Report units:	Not Reported
Dlr:	0.		
Sample date:	09-JUL-12	Finding:	0.96
Chemical:	LANGELIER INDEX @ 60 C	Report units:	Not Reported
Dlr:	0.		
Sample date:	09-JUL-12	Finding:	0.35
Chemical:	LANGELIER INDEX AT SOURCE TEMP.	Report units:	Not Reported
Dlr:	0.		
Sample date:	09-JUL-12	Finding:	3.5
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	09-JUL-12	Finding:	58.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		

A3
SW
1/4 - 1/2 Mile
Lower

CA WELLS 2447

Seq:	2447	Prim sta c:	02S/04E-36D02 S
Frds no:	3310008010	County:	33
District:	14	User id:	WAT
System no:	3310008	Water type:	G
Source nam:	WELL 24	Station ty:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Latitude:	335700.0	Longitude:	1163100.0
Precision:	8	Status:	AU
Comment 1:	Not Reported	Comment 2:	Not Reported
Comment 3:	Not Reported	Comment 4:	Not Reported
Comment 5:	Not Reported	Comment 6:	Not Reported
Comment 7:	Not Reported		
System no:	3310008	System nam:	Mission Springs WD
Hqname:	Not Reported	Address:	66-575 Second Street
City:	Desert Hot Springs	State:	CA
Zip:	92240	Zip ext:	Not Reported
Pop serv:	24195	Connection:	7332
Area serve:	MISSION CREEK/DESERT HOT SPGS		
Sample date:	06-JUN-17	Finding:	190.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	06-JUN-17	Finding:	2.2
Chemical:	GROSS ALPHA MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	06-JUN-17	Finding:	20.
Chemical:	SOURCE TEMPERATURE C	Report units:	C
Dlr:	0.		
Sample date:	06-JUN-17	Finding:	720.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		

Sample date:	06-JUN-17	Finding:	7.6
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	06-JUN-17	Finding:	160.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	06-JUN-17	Finding:	200.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		
Sample date:	06-JUN-17	Finding:	0.85
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	06-JUN-17	Finding:	220.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	06-JUN-17	Finding:	59.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	06-JUN-17	Finding:	18.
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	06-JUN-17	Finding:	69.
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	06-JUN-17	Finding:	8.4
Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	06-JUN-17	Finding:	14.
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	06-JUN-17	Finding:	0.88
Chemical:	URANIUM MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	06-JUN-17	Finding:	0.73
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	06-JUN-17	Finding:	11.
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	06-JUN-17	Finding:	9.1
Chemical:	GROSS ALPHA	Report units:	PCI/L
Dlr:	3.		
Sample date:	06-JUN-17	Finding:	3.
Chemical:	GROSS ALPHA COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	06-JUN-17	Finding:	9.3
Chemical:	URANIUM (PCI/L)	Report units:	PCI/L

Dlr:	1.		
Sample date:	06-JUN-17	Finding:	510.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	06-JUN-17	Finding:	0.77
Chemical:	LANGELIER INDEX @ 60 C	Report units:	Not Reported
Dlr:	0.		
Sample date:	06-JUN-17	Finding:	0.16
Chemical:	LANGELIER INDEX AT SOURCE TEMP.	Report units:	Not Reported
Dlr:	0.		
Sample date:	06-JUN-17	Finding:	12.
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)	Report units:	Not Reported
Dlr:	0.		
Sample date:	06-JUN-17	Finding:	1.4
Chemical:	URANIUM COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	06-JUN-17	Finding:	0.85
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	12-SEP-16	Finding:	0.82
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	24-FEB-16	Finding:	0.86
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	23-MAR-15	Finding:	3.6
Chemical:	GROSS ALPHA COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	23-MAR-15	Finding:	12.
Chemical:	URANIUM (PCI/L)	Report units:	PCI/L
Dlr:	1.		
Sample date:	23-MAR-15	Finding:	1.4
Chemical:	URANIUM COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	23-MAR-15	Finding:	2.1
Chemical:	GROSS ALPHA MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	23-MAR-15	Finding:	0.88
Chemical:	URANIUM MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	23-MAR-15	Finding:	0.607
Chemical:	RADIUM 228 COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	23-MAR-15	Finding:	0.2
Chemical:	RADIUM 228 MDA95	Report units:	PCI/L
Dlr:	0.		

Sample date:	23-MAR-15	Finding:	0.306
Chemical:	RA-226 OR TOTAL RA BY 903.0 C.E.	Report units:	PCI/L
Dlr:	0.		
Sample date:	23-MAR-15	Finding:	0.47
Chemical:	RADIUM, TOTAL, MDA95-NTNC ONLY, BY 903.0		
Report units:	PCI/L	Dlr:	0.
Sample date:	09-JUL-14	Finding:	9.3
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	08-JUL-14	Finding:	18.
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	08-JUL-14	Finding:	0.88
Chemical:	URANIUM MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	08-JUL-14	Finding:	1.6
Chemical:	GROSS ALPHA MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	08-JUL-14	Finding:	1.4
Chemical:	URANIUM COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	08-JUL-14	Finding:	12.1
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)	Report units:	Not Reported
Dlr:	0.		
Sample date:	08-JUL-14	Finding:	3.9
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	08-JUL-14	Finding:	0.28
Chemical:	LANGELIER INDEX AT SOURCE TEMP.	Report units:	Not Reported
Dlr:	0.		
Sample date:	08-JUL-14	Finding:	0.89
Chemical:	LANGELIER INDEX @ 60 C	Report units:	Not Reported
Dlr:	0.		
Sample date:	08-JUL-14	Finding:	480.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	08-JUL-14	Finding:	1.
Chemical:	DICHLOROMETHANE	Report units:	UG/L
Dlr:	0.5		
Sample date:	08-JUL-14	Finding:	20.
Chemical:	SOURCE TEMPERATURE C	Report units:	C
Dlr:	0.		
Sample date:	08-JUL-14	Finding:	580.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	08-JUL-14	Finding:	7.7
Chemical:	PH, LABORATORY	Report units:	Not Reported

Dlr:	0.		
Sample date:	08-JUL-14	Finding:	160.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	08-JUL-14	Finding:	200.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		
Sample date:	08-JUL-14	Finding:	220.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	08-JUL-14	Finding:	58.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	08-JUL-14	Finding:	67.
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	08-JUL-14	Finding:	8.5
Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	08-JUL-14	Finding:	16.
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	08-JUL-14	Finding:	180.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	08-JUL-14	Finding:	0.72
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	08-JUL-14	Finding:	8.
Chemical:	VANADIUM	Report units:	UG/L
Dlr:	3.		
Sample date:	08-JUL-14	Finding:	3.3
Chemical:	GROSS ALPHA COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	08-JUL-14	Finding:	11.
Chemical:	URANIUM (PCI/L)	Report units:	PCI/L
Dlr:	1.		
Sample date:	13-JAN-14	Finding:	3.8
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	09-JUL-12	Finding:	12.22
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)	Report units:	Not Reported
Dlr:	0.		
Sample date:	09-JUL-12	Finding:	3.8
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		

Sample date:	09-JUL-12	Finding:	770.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	09-JUL-12	Finding:	0.99
Chemical:	LANGELIER INDEX @ 60 C	Report units:	Not Reported
Dlr:	0.		
Sample date:	09-JUL-12	Finding:	64.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	09-JUL-12	Finding:	160.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	09-JUL-12	Finding:	7.8
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	09-JUL-12	Finding:	20.
Chemical:	SOURCE TEMPERATURE C	Report units:	C
Dlr:	0.		
Sample date:	09-JUL-12	Finding:	0.38
Chemical:	LANGELIER INDEX AT SOURCE TEMP.	Report units:	Not Reported
Dlr:	0.		

4
SSW **FED USGS** **USGS40000139222**
1/4 - 1/2 Mile
Lower

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	003S004E12B001S	Type:	Well
Description:	Not Reported	HUC:	18100200
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Basin and Range basin-fill aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	Not Reported
Well Depth Units:	Not Reported	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

5
ESE **FED USGS** **USGS40000139237**
1/2 - 1 Mile
Lower

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	002S005E31L001S	Type:	Well
Description:	Not Reported	HUC:	18100200
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Basin and Range basin-fill aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	Not Reported

Well Depth Units:	Not Reported	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

6
ENE
1/2 - 1 Mile
Higher

FRDS PWS **CA3301489**

Epa region:	09	State:	CA
Pwsid:	CA3301489	Pwsname:	PALM DRIVE TRAILER PARK
Cityserved:	Not Reported	Stateserved:	CA
Zipserved:	Not Reported	Fipscounty:	06065
Status:	Closed	Retpopsrvd:	100
Pwssvcconn:	57	Psource longname:	Groundwater
Pwstype:	CWS	Owner:	Private
Contact:	Not Reported	Contactorgname:	Not Reported
Contactphone:	Not Reported	Contactaddress1:	FREDERICK VIDE
Contactaddress2:	14881 PALM DRIVE, #E-1	Contactcity:	DESERT HOT SPRINGS
Contactstate:	CA	Contactzip:	92240
Pwsactivitycode:	I		

PWS ID:	CA3301489	PWS name:	PALM DRIVE TRAILER PARK
Address:	Not Reported	Care of:	Not Reported
City:	DESERT HOT SPRINGS	State:	CA
Zip:	92240	Owner:	PALM DRIVE TRAILER PARK
Source code:	Ground water	Population:	100

PWS ID:	CA3301489	PWS type:	System Owner/Responsible Party
PWS name:	PALM DRIVE TRAILER PARK	PWS address:	Not Reported
PWS city:	DESERT HOT SPRING	PWS state:	CA
PWS zip:	92240	PWS ID:	CA3301489
Activity status:	Active	Date system activated:	7706
Date system deactivated:	Not Reported	Retail population:	00000120
System name:	PALM DRIVE TRAILER PARK	System address:	PALM DRIVE TRAILER PARK
System address:	14881 PALM DR	System city:	DESERT HOT SPRING
System state:	CA	System zip:	92240

Population served:	101 - 500 Persons	Treatment:	Untreated

Latitude:	335739	Longitude:	1163002

Violation id:	0400001	Orig code:	S
State:	CA	Violation Year:	2004
Contamination code:	3100	Contamination Name:	Coliform (TCR)
Violation code:	23	Violation name:	Monitoring, Routine Major (TCR)
Rule code:	110	Rule name:	TCR
Violation measur:	Not Reported	Unit of measure:	Not Reported
State mcl:	Not Reported	Cmp bdt:	03/01/2004
Cmp edt:	03/31/2004		

Violation id:	0400002	Orig code:	S
State:	CA	Violation Year:	2004
Contamination code:	3100	Contamination Name:	Coliform (TCR)
Violation code:	23	Violation name:	Monitoring, Routine Major (TCR)
Rule code:	110	Rule name:	TCR
Violation measur:	Not Reported	Unit of measure:	Not Reported
State mcl:	Not Reported	Cmp bdt:	03/01/2004
Cmp edt:	03/31/2004		

Violation id:	95V0001	Orig code:	F

State:	CA	Violation Year:	1993
Contamination code:	5000	Contamination Name:	Lead and Copper Rule
Violation code:	51	Violation name:	Initial Tap Sampling for Pb and Cu
Rule code:	350	Rule name:	LCR
Violation measur:	0	Unit of measure:	Not Reported
State mcl:	0	Cmp bdt:	07/01/1993
Cmp edt:	12/31/2003		

System Name:	PALM DRIVE TRAILER PARK	Violation Type:	51
Contaminant:	5000	Compliance Begin:	1993-07-01
Compliance End:	2015-12-31	Violation ID:	95V0001
Enforcement Date:	Not Reported	Enforcement Action:	Not Reported

System Name:	PALM DRIVE TRAILER PARK	Violation Type:	51
Contaminant:	5000	Compliance Begin:	1993-07-01
Compliance End:	2015-12-31	Violation ID:	95V0001
Enforcement Date:	Not Reported	Enforcement Action:	Not Reported

Violation ID:	0400001	Orig Code:	S
Enforcemnt FY:	2004	Enforcement Action:	04/16/2004
Enforcement Detail:	St Formal NOV issued	Enforcement Category:	Informal

Violation ID:	95V0001	Orig Code:	F
Enforcemnt FY:	2004	Enforcement Action:	12/31/2003
Enforcement Detail:	Fed Compliance achieved	Enforcement Category:	Resolving

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7
ESE
1/2 - 1 Mile
Lower

CA WELLS **2479**

Seq:	2479	Prim sta c:	02S/05E-31H01 S
Frds no:	3310008001	County:	33
District:	14	User id:	WAT
System no:	3310008	Water type:	G
Source nam:	WELL 05 - DESTROYED	Station ty:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Latitude:	335700.0	Longitude:	1163000.0
Precision:	8	Status:	DS
Comment 1:	Not Reported	Comment 2:	Not Reported
Comment 3:	Not Reported	Comment 4:	Not Reported
Comment 5:	Not Reported	Comment 6:	Not Reported
Comment 7:	Not Reported		

System no:	3310008	System nam:	Mission Springs WD
Hqname:	Not Reported	Address:	66-575 Second Street
City:	Desert Hot Springs	State:	CA
Zip:	92240	Zip ext:	Not Reported
Pop serv:	24195	Connection:	7332
Area serve:	MISSION CREEK/DESERT HOT SPGS		

8
WNW
1/2 - 1 Mile
Higher

FED USGS **USGS40000139304**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	002S004E36D001S	Type:	Well
Description:	Not Reported	HUC:	18100200
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported

Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Basin and Range basin-fill aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	780
Well Depth Units:	ft	Well Hole Depth:	800
Well Hole Depth Units:	ft		

9
WNW **FED USGS** **USGS40000139293**
1/2 - 1 Mile
Higher

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	002S004E36D002S	Type:	Well
Description:	Not Reported	HUC:	18100200
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Basin and Range basin-fill aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	790
Well Depth Units:	ft	Well Hole Depth:	810
Well Hole Depth Units:	ft		

B10
NE **FED USGS** **USGS40000139317**
1/2 - 1 Mile
Higher

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	002S005E30Q002S	Type:	Well
Description:	Not Reported	HUC:	18100200
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Basin and Range basin-fill aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	195
Well Depth Units:	ft	Well Hole Depth:	207
Well Hole Depth Units:	ft		

B11
NE **CA WELLS** **CADWR8000006238**
1/2 - 1 Mile
Lower

State Well #:	02S05E30Q001S	Station ID:	46688
Well Name:	Well 1	Well Use:	Observation
Well Type:	Single Well	Well Depth:	276
Basin Name:	Desert Hot Springs	Well Completion Rpt #:	17081

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

B12
NE
1/2 - 1 Mile
Higher

FED USGS **USGS40000139323**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	002S005E30Q005S	Type:	Well
Description:	Not Reported	HUC:	18100200
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Basin and Range basin-fill aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	Not Reported
Well Depth Units:	Not Reported	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

B13
NE
1/2 - 1 Mile
Higher

FED USGS **USGS40000139324**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	002S005E30Q006S	Type:	Well
Description:	Not Reported	HUC:	18100200
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Basin and Range basin-fill aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	Not Reported
Well Depth Units:	Not Reported	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

B14
NE
1/2 - 1 Mile
Higher

FED USGS **USGS40000139325**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	002S005E30Q007S	Type:	Well
Description:	Not Reported	HUC:	18100200
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Basin and Range basin-fill aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	Not Reported
Well Depth Units:	Not Reported	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

15
NE
1/2 - 1 Mile
Higher | **FED USGS** | **USGS40000139338**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	002S005E30L002S	Type:	Well
Description:	Not Reported	HUC:	18100200
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Basin and Range basin-fill aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	Not Reported
Well Depth Units:	Not Reported	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS
RADON

AREA RADON INFORMATION

State Database: CA Radon

Radon Test Results

Zipcode	Num Tests	> 4 pCi/L
92240	6	0

Federal EPA Radon Zone for RIVERSIDE County: 2

Note: Zone 1 indoor average level > 4 pCi/L.
: Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.
: Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for RIVERSIDE COUNTY, CA

Number of sites tested: 12

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	0.117 pCi/L	100%	0%	0%
Living Area - 2nd Floor	0.450 pCi/L	100%	0%	0%
Basement	1.700 pCi/L	100%	0%	0%

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)
Source: United States Geologic Survey
EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

Current USGS 7.5 Minute Topographic Map
Source: U.S. Geological Survey

HYDROLOGIC INFORMATION

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.
Source: FEMA
Telephone: 877-336-2627
Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetland Inventory
Source: Department of Fish and Wildlife
Telephone: 916-445-0411

HYDROGEOLOGIC INFORMATION

AQUIFLOW^{R} Information System
Source: EDR proprietary database of groundwater flow information
EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit
Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)
The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

SSURGO: Soil Survey Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)
Telephone: 800-672-5559
SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Service, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)
This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

STATE RECORDS

Water Well Database
Source: Department of Water Resources
Telephone: 916-651-9648

California Drinking Water Quality Database
Source: Department of Public Health
Telephone: 916-324-2319
The database includes all drinking water compliance and special studies monitoring for the state of California since 1984. It consists of over 3,200,000 individual analyses along with well and water system information.

OTHER STATE DATABASE INFORMATION

California Oil and Gas Well Locations
Source: Department of Conservation
Telephone: 916-323-1779
Oil and Gas well locations in the state.

California Earthquake Fault Lines
Source: California Division of Mines and Geology
The fault lines displayed on EDR's Topographic map are digitized quaternary fault lines prepared in 1975 by the United State Geological Survey. Additional information (also from 1975) regarding activity at specific fault lines comes from California's Preliminary Fault Activity Map prepared by the California Division of Mines and Geology.

RADON

State Database: CA Radon
Source: Department of Public Health
Telephone: 916-210-8558
Radon Database for California

Area Radon Information
Source: USGS
Telephone: 703-356-4020
The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

EPA Radon Zones
Source: EPA
Telephone: 703-356-4020
Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

OTHER

Airport Landing Facilities: Private and public use landing facilities
Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater
Source: Department of Commerce, National Oceanic and Atmospheric Administration

California Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary fault lines, prepared in 1975 by the United State Geological Survey. Additional information (also from 1975) regarding activity at specific fault lines comes from California's Preliminary Fault Activity Map prepared by the California Division of Mines and Geology.

STREET AND ADDRESS INFORMATION

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Appendix D

Local Agency Records

Susie Smith

From: Marcelo Azevedo
Sent: Monday, October 7, 2019 12:10 PM
To: Susie Smith
Subject: Fwd: Public Request Form

Marcelo

Begin forwarded message:

> **From:** Patricia Villagomez <pvillagomez@cityofdhs.org>
> **Date:** October 7, 2019 at 11:16:01 PDT
> **To:** Marcelo Azevedo <mazevedo@dudek.com>
> **Subject: RE: Public Request Form**
>
> Good morning Marcelo,
>
> The building and Planning Department have no permits on file for the subject property.
>
> Thank you,

Patricia Meza-Villagomez | *Planning Technician*

Office: (760) 329-6411 ext. 243 Fax: (760) 288-0639
City of Desert Hot Springs
65950 Pierson Boulevard, Desert Hot Springs, CA 92240
www.cityofdhs.org

From: Marcelo Azevedo [mailto:mazevedo@dudek.com]
Sent: Friday, October 4, 2019 9:03 AM
To: Patricia Villagomez <pvillagomez@cityofdhs.org>
Subject: RE: Public Request Form

Hello Patricia,

I just want to follow up on this request. Do you have any updates?

Thank you,

Marcelo Azevedo
HYDROGEOLOGIST

DUDEK
ENGINEERING + ENVIRONMENTAL
605 THIRD STREET
ENCINITAS, CALIFORNIA 92024
T 760.479.4146 C 760.639.9602

WWW.DUDEK.COM

From: Marcelo Azevedo
Sent: Thursday, September 19, 2019 10:42 AM
To: Patricia Villagomez <pvillagomez@cityofdhs.org>
Subject: RE: Public Request Form

Hello Patricia,

Please find attached the completed record request form for the property located at 65810 Hacienda Avenue, Desert Hot Spring, Riverside County, California.

We would like to know about any records regarding Building Permits, Planning Permits and Demolition Permits for the subject property.

Please let me know if you have any questions.

Thank you,

Marcelo Azevedo
HYDROGEOLOGIST

DUDEK
ENGINEERING + ENVIRONMENTAL
605 THIRD STREET
ENCINITAS, CALIFORNIA 92024
T 760.479.4146 C 760.639.9602

WWW.DUDEK.COM

From: Patricia Villagomez <pvillagomez@cityofdhs.org>
Sent: Thursday, August 8, 2019 9:12 AM
To: Marcelo Azevedo <mazevedo@dudek.com>
Subject: Public Request Form

Good morning,

As requested please see attached form.

Regards,

Patricia Meza-Villagomez | ***Planning Technician***

Office: (760) 329-6411 ext. 243 Fax: (760) 288-0639
City of Desert Hot Springs
65950 Pierson Boulevard, Desert Hot Springs, CA 92240
www.cityofdhs.org

JUNTY OF RIVERSIDE • HEALTH SERVICES AGENCY
DEPARTMENT OF ENVIRONMENTAL HEALTH

May 17, 2000

Mike Janis
City of Desert Hot Springs
65950 Pierson Blvd.
Desert Hot Springs CA 92240

RE: Leaking underground fuel tank at the Desert Hot Springs City Yard at 65810 Hacienda Ave., Desert Hot Springs Site #0016118

Dear Mr. Janis:

The Riverside County Department of Environmental Health, Hazardous Materials Division has received your workplan to conduct soil investigation for the above referenced site. The workplan was dated May 11, 2000 and signed by Quin Kinnebrew of Black Rock Geosciences.

This office accepts the workplan with the following changes:

- The soil boring shall be advanced to 40 feet below the deepest contamination. Laboratory analysis of eight consecutive samples showing non-detectable concentrations of petroleum constituents in the bottom of the boring will be necessary to verify that the extent of contamination has been determined.

- The interval between sample collection points must not exceed five feet. A sufficient number of samples must be analyzed to adequately show contaminant level trends in the subsurface.

- The Local Oversight Program has revised the laboratory analyses and detection limits requirements. Enclosed is a chart of the new limits.

- Contact this office at least five working days prior to the commencement of the site field activities.

Prior to commencing work, it is recommended that you contact the State Water Resources Control Board, UST Clean-Up Fund Program to see whether the project you are proposing will be fully reimbursed by the State Fund. Their telephone number is 1-800-813-FUND.

FT 2240006

47-923 Oasis Road, #E4
Indio, CA 92201
Fax (760) 863-8303
(760) 863-8976

4065 County Circle Drive, Rm. 123
Riverside, CA 92503
Fax (909) 358-5017
(909) 358-5055

1370 S. State Street, #101
San Jacinto, CA 92583
Fax (909) 487-0328
(909) 791-2200

Department Web Site - www.rivcoeh.org

If you have any questions concerning this matter, contact me at (760) 863-8976. Our office address is: 47923 Oasis, Indio, CA, 92201. Our fax number is (760) 863-8303.

Sincerely,

Linda D. Shurlow, REHS
Hazardous Materials
Management Specialist III

cc: Quin Kinnebrew, Black Rock Geosciences
Abdi Haile, CRRWQCB
file

COUNTY OF RIVERSIDE • HEALTH SERVICES AGENCY
DEPARTMENT OF ENVIRONMENTAL HEALTH

August 5, 2000

Site #0016118

Mike Janis
City of Desert Hot Springs
65950 Pierson Blvd.
Desert Hot Springs CA 92240

RE: Underground Storage Tank Cleanup at City of Desert Hot Springs City Yard at 65810 Hacienda Ave., Desert Hot Springs

Dear Responsible Parties,

This letter confirms the completion of site investigation and for the underground storage tanks formerly located at the above described location. Thank you for your cooperation throughout this investigation. Your willingness and promptness in responding to our inquires concerning the former underground storage tanks are greatly appreciated.

Based on the information in the above-referenced file, and with the provision that the information provided to this agency was accurate and representative of site conditions, this agency finds that the site investigation and corrective action carried out at your underground storage tank site is in compliance with the requirements of subdivisions (a) and (b) of Section 25299.37 of the Health and Safety Code and that no further action related to the petroleum release at the site is required.

This notice is issued pursuant to subdivision (h) of Section 25299.37 of the Health and Safety Code. Please contact our office if you have any questions regarding this matter.

Sincerely,

Earl E. Tuntland
Assistant Environmental Health Administrator

Enclosure: Case Closure Summary

cc: Abdi Haile, CRRWQCB
Cleanup Fund
file

7T22400006

caseclos.ltr 03/26/97

47-923 Oasis Road, #E4
Indio, CA 92201
Fax (760) 863-8303
(760) 863-8976

4065 County Circle Drive, Rm. 123
Riverside, CA 92503
Fax (909) 358-5017
(909) 358-5055

1370 S. State Street, #101
San Jacinto, CA 92583
Fax (909) 487-0328
(909) 791-2200

Department Web Site - www.rivcoeh.org

CASE CLOSURE SUMMARY
LEAKING UNDERGROUND FUEL STORAGE TANK PROGRAM

SITE NAME: City of Desert Hot Springs City Yard SITE NO: 0016118

I. Agency Information

Date:June 14, 2000

AGENCY NAME: County of Riverside, Department of Environmental Health
Hazardous Materials Management Division
ADDRESS: 47923 Oasis Street, Indio CA 92201 (760) 863-8976
STAFF PERSON: Linda D. Shurlow, REHS-- Hazardous Materials Management Specialist

II. Case Information

SITE NAME: City of Desert Hot Springs City Yard
SITE ADDRESS: 65810 Hacienda Ave., Desert Hot Springs
RB LUSTIS CASE NO: **LOP/LOCAL CASE NO:** 0016118
URR FILING DATE: 3/13/00 **SWEEPS NO:**

RESPONSIBLE PARTIES	ADDRESS	PHONE NUMBER
City of Desert Hot Springs c/o Mile Janis	65950 Pierson Blvd. Desert Hot Springs CA 92240	760-329-6411

TANK #	SIZE	CONTENTS	REMOVED/CLOSED IN-PLACE?	DATE
1	1000 gal	diesel	removed	2/10/00
2	2000 gal	gasoline	removed	2/10/00

III. Release and Site Characterization Information

CAUSE & TYPE OF RELEASE: gasoline and diesel release from the dispenser
SITE CHARACTERIZATION COMPLETE? Yes [X] No [ ]
DATE APPROVED BY OVERSIGHT AGENCY: June 14, 2000

MONITORING WELLS INSTALLED? Yes [ ] No [X] NUMBER:
PROPER SCREEN INTERVAL? Yes [ ] No [ ] N/A [X]
HIGHEST GW DEPTH BELOW GROUND SURFACE: ~200' **LOWEST DEPTH:**
FLOW DIRECTION:

MOST SENSITIVE CURRENT GW USE: domestic
ARE DRINKING WATER WELLS AFFECTED? Yes[ ] No [X]
AQUIFER NAME:

SURFACE WATER AFFECTED? Yes [ ] No [X]
NEAREST/AFFECTED SW NAME:
OFF-SITE BENEFICIAL USE IMPACTS (ADDRESS/LOCATIONS):

REPORTS ON FILE? Yes [X] No [ ]
LOCATION OF REPORTS: County of Riverside, Department of Environmental Health
Hazardous Materials Management Division
4065 County Circle Drive P.O. Box 7600 Riverside CA 92513-7600
(909) 358-5055

CASE CLOSURE SUMMARY
LEAKING UNDERGROUND FUEL STORAGE TANK PROGRAM

SITE NAME: City of Desert Hot Springs City Yard SITE NO: 0016118

III. Release and Site Characterization Information (cont.)

TREATMENT & DISPOSAL OF AFFECTED MATERIAL

MATERIAL	AMOUNT	ACTION (Treatment or disposal & destination)	DATE
TANK PIPING RINSEATE SOIL GROUNDWATER OTHER	2	removed	2/10/00

MAXIMUM DOCUMENTED CONTAMINANT CONCENTRATIONS -- Before & After Cleanup

CONTAMINANT	SOIL				GROUNDWATER	
	BEFORE	DEPTH	AFTER	DEPTH	BEFORE	AFTER
TPH (GAS) TPH (DIESEL) TRPH (418.1) BENZENE TOLUENE XYLENE ETHYLBENZENE MTBE LEAD	860 ppm 31 ppm ND ND ND MD ND 14					

COMMENTS (soil types, depth of remediation, etc.): fine to coarse sand with trace gravel. No active remediation completed.

IV. Closure

DOES COMPLETED CORRECTIVE ACTION PROTECT EXISTING BENEFICIAL USES AS PER THE REGIONAL BOARD BASIN PLAN? Yes [X] No [ ]

DOES COMPLETED CORRECTIVE ACTION PROTECT POTENTIAL BENEFICIAL USES PER THE REGIONAL BOARD BASIN PLAN? Yes [X] No [ ]

DOES THE CORRECTIVE ACTION PROTECT PUBLIC HEALTH FOR CURRENT LAND USE? Yes[X] No [ ]

SITE MANAGEMENT REQUIREMENTS:

SHOULD CORRECTIVE ACTION BE REVIEWED IF LAND USE CHANGES? Yes [ ] No [X]

MONITORING WELLS DECOMMISSIONED? Yes [ ] No [ ] None Installed [X]
NUMBER DECOMMISSIONED: **NUMBER RETAINED:**

LIST ENFORCEMENT ACTIONS TAKEN:
LIST ENFORCEMENT ACTIONS RESCINDED:

CASE CLOSURE SUMMARY
LEAKING UNDERGROUND FUEL STORAGE TANK PROGRAM

SITE NAME: City of Desert Hot Springs City Yard SITE NO: 0016118

V. Local Agency Representative Data

NAME: Earl Tuntland	**TITLE:** Asst. Environmental Health Administrator
SIGNATURE: [signature]	**DATE:** 8/1/00

VI. RWQCB Notification

DATE SUBMITTED TO RWQCB:	**RWQCB RESPONSE:**
RWQCB STAFF NAME: Abdi Haile	**TITLE:** Senior Eng. Geologist
SIGNATURE: [signature]	**DATE:** 07/26/2000

VII. Additional Comments, Data, Etc.

On February 10, 2000, two tanks and the dispenser were removed. Soil sample results from under the tanks were all ND for TPHg, TPHd, BTEX, and MTBE. Sample results from under the dispenser showed 860 ppm TPHg, 31ppm TPHd, and ND for BTEX and MTBE. The site was placed into LOP.

On June 2, 2000, one geoprobe boring was drilled to 30' before hitting refusal. The original boring had to be moved seven times due to refusal on cobbles and/or boulders. Soil samples were taken every 5'. No TPHg, BTEX, or MTBE was detected in any of the samples.

The consultant is requesting closure based on the apparent limited extent of the contamination beneath the former gasoline dispenser.

BLACK ROCK GEOSCIENCES

ENVIRONMENTAL SERVICES

Reviewed
6/27/00
YO

June 9, 2000

Project No. 4031

To: City of Desert Hot Springs
65950 Pierson Boulevard
Desert Hot Springs, California 92240

Attention: Mr. Mike Janice

Subject: Soil Investigation at 65810 Hacienda Avenue, Desert Hot Springs, California (Site #0016118).

Introduction

The attached report, prepared by Black Rock Geosciences, provides the results of a subsurface soil investigation conducted at the subject site on June 2, 2000 (Figure 1). This investigation was conducted in response to an elevated gasoline concentration reported in soil collected beneath a former gasoline dispenser. The purpose of this investigation was to assess the vertical extent of impacted soil beneath this dispenser. The following sections present a brief site background, investigative procedures, and a summary of our findings, conclusions, and recommendations.

Background

In February 2000, one diesel underground storage tank (UST), one gasoline UST, and two fuel dispensers were removed from the subject site (Figures 2 and 3). Upon their removal, soil samples were collected beneath the USTs and dispensers. Soil samples were collected at 14 and 18 feet below ground surface (bgs) at the gasoline UST location, and at 8 and 12 feet bgs at the diesel UST location. Two soil samples were collected at 2 feet bgs at the former dispenser location; one beneath the diesel dispenser, and one beneath the gasoline dispenser.

Collected soil samples were analyzed for diesel, gasoline, benzene, toluene, ethylbenzene, xylenes (BTEX), and/or methyl tertiary butyl ether (MTBE). Diesel, gasoline, BTEX, and MTBE were not detected in the soil samples collected beneath the former USTs. The samples collected beneath the former dispensers were reported with no detectable BTEX or MTBE concentrations. The soil sample collected beneath the diesel dispenser was reported with a diesel concentration of 31 milligrams per kilogram (mg/kg). The sample collected beneath the gasoline dispenser was reported with a gasoline concentration of 860 mg/kg. The extent of the impacted soil beneath the gasoline dispenser was not assessed at the time of this sampling.

JUN 27 2000
REGION 9

Field Investigation

Boring and Sampling Locations - One boring (B-1) was sampled during this investigation. This boring was placed within the former fuel dispenser location (Figure 3). As noted in the attached boring log, this boring was moved seven times as a result of refusal on cobbles and/or boulders. The boring was kept within a 5-foot

7110 GROVEWOOD LANE
ORANGE, CALIFORNIA 92869

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F: (714) 633-5995

79 2240006

area within the dispenser area. This boring was sampled at 5-foot intervals to a depth of 30 feet bgs. The boring was initially planned for a 45 feet depth, or 40 feet below the deepest known contamination. The sampling was ceased at a 30-foot depth due to refusal.

Soil Sampling Description - Soil samples were collected using a Geoprobe assembly. At each sampling interval, soil was driven into four 6-inch-long brass tubes seated within a stainless steel drive sampler. Upon removal from the subsurface, the lowest tube was immediately capped on each end with Teflon tape, secured with plastic caps, and labeled with the boring identification number, sample depth, date, and time. Each capped soil sample was sealed within a Ziplock™ bag, and then immediately placed within ice in an ice chest.

Soil collected from the second lowest tube was reviewed for classification and the possible presence of staining and/or odor. A portion of this sample was also placed in a sealable bag for a headspace measurement. The headspace of each bag was measured (for volatile organic compounds) using a photoionizing detector. Soil descriptions and headspace measurements were recorded on Black Rock Geosciences' standard boring log form.

To minimize the potential for cross contamination, sampling equipment was carefully decontaminated by washing with a mild solution of liquinox, and double rinsing with tap water between each sampling interval.

Following drilling, the borings were backfilled with bentonite pellets, hydrated with clean water, and then capped at the surface with soil (existing surface).

Laboratory Analyses - Chemical analyses were performed by a California Department of Health Services-certified laboratory. Each collected soil sample was analyzed for gasoline using EPA Method 8015 and BTEX/ MTBE using EPA Method 8260. The results of the chemical analyses are summarized in Table 1. The laboratory report is provided as an attachment to this report.

Summary of Results

- Onsite soils observed during drilling consisted of dry to damp fine to coarse sand with trace gravel to a depth of 30 feet. Due to refusal conditions, cobbles and/or boulders are suspected at depth. These soils are alluvial in origin (Rogers, 1965).

- Groundwater was not encountered within 30 feet of the surface. Groundwater beneath the site is anticipated at approximately 290 feet bgs (Moyle, 1974).

- Physical evidence (staining and/or odor) of petroleum hydrocarbon contamination was encountered in one of the onsite samples (B-1-10). This sample, collected at 10 feet bgs, had a very sight weathered gasoline odor. Staining was not observed in the soil collected at this depth. Staining and/or odor were not encountered within the remaining collected soil samples (see attached boring log).

- PID measurements of the collected soil samples ranged between 5.2 to 10.2 parts per million (ppm). The sample collected at 10 foot bgs was reported with the highest PID measurement (10.2 ppm). The other samples had PID measurements ranging between 5.2 and 6.6 ppm. Background measurements ranged between 3.9 and 4.4 ppm.

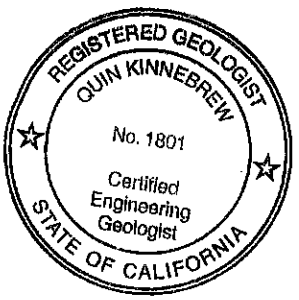
- Gasoline, BTEX, and MTBE were not detected in any of the soil samples collected (Table 1). Other volatile organic compounds included in the Method 8260 analysis were also not detected in the collected soil samples (see attached laboratory report).

Conclusions and Recommendations

Based on the findings of this investigation, a substantial release of gasoline has not occurred beneath the former gasoline fuel dispenser. The gasoline-impacted soil reported at 2 feet below the dispenser is believed limited between 2 feet and 5 feet below the ground surface. Figure 4 presents a cross section through the area formerly containing the fuel USTs and dispensers. As noted in this cross section, soil samples collected between 5 and 30 feet bgs (including those collected beneath the USTs) were reported with no detectable gasoline, BTEX, or MTBE. Due to their absence between 5 and 30 feet bgs, these constituents of concern are not suspected at depths greater than 30 feet.

Based on its apparent limited extent, the impacted soil beneath the former gasoline dispenser is not considered a threat to human health or the environment. Further soil and/or groundwater investigations, monitoring, and/or remediation are not considered warranted in the vicinity of the former fuel dispenser or USTs. Site closure is recommended.

If you have any questions, comments, or require additional information regarding this report, please contact the undersigned at (714) 771-3050.



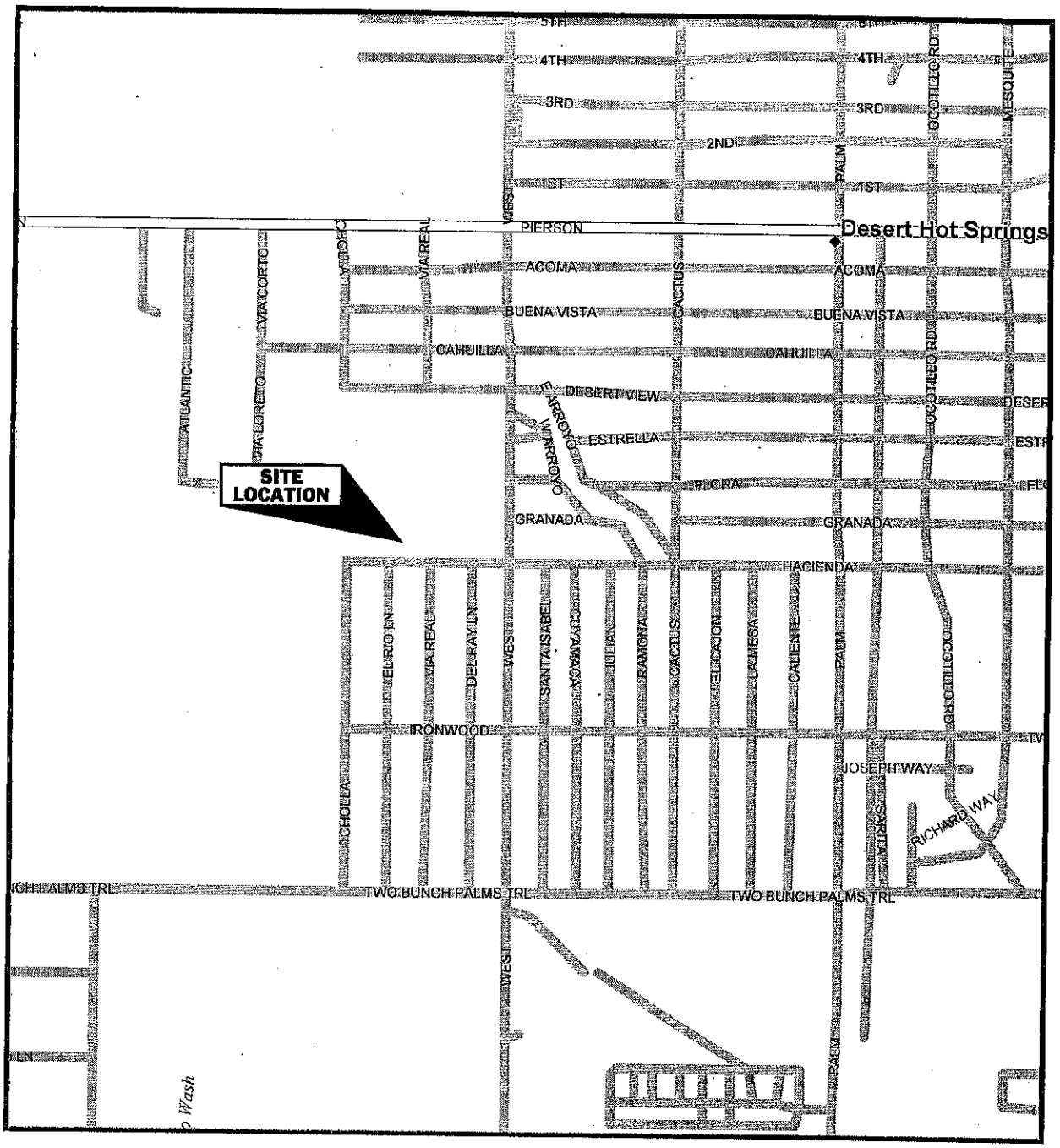
Respectfully submitted,

Quin Kinnebrew

Quin Kinnebrew, CEG, REA

Attachments: Figure 1 - Site Location Map
Figure 2 - Site Plan
Figure 3 - Boring Location
Figure 4 - Cross Section A-A'
Table 1 - Analytical Summary
References
Limitations
Boring Log
Laboratory Report

Distribution: (2) Addressee
(2) Riverside County Department of Environmental Health
Attention: Ms. Linda D. Shurlow



Base Map: DeLorme Street Atlas

Approx. Scale:
0 0.125 0.25 miles

Black Rock Geosciences	**SITE LOCATION MAP** 65810 Hacienda Avenue, Desert Hot Springs, California	**Figure No.** **1**
Project No. 4031 Date: 06-09-00		

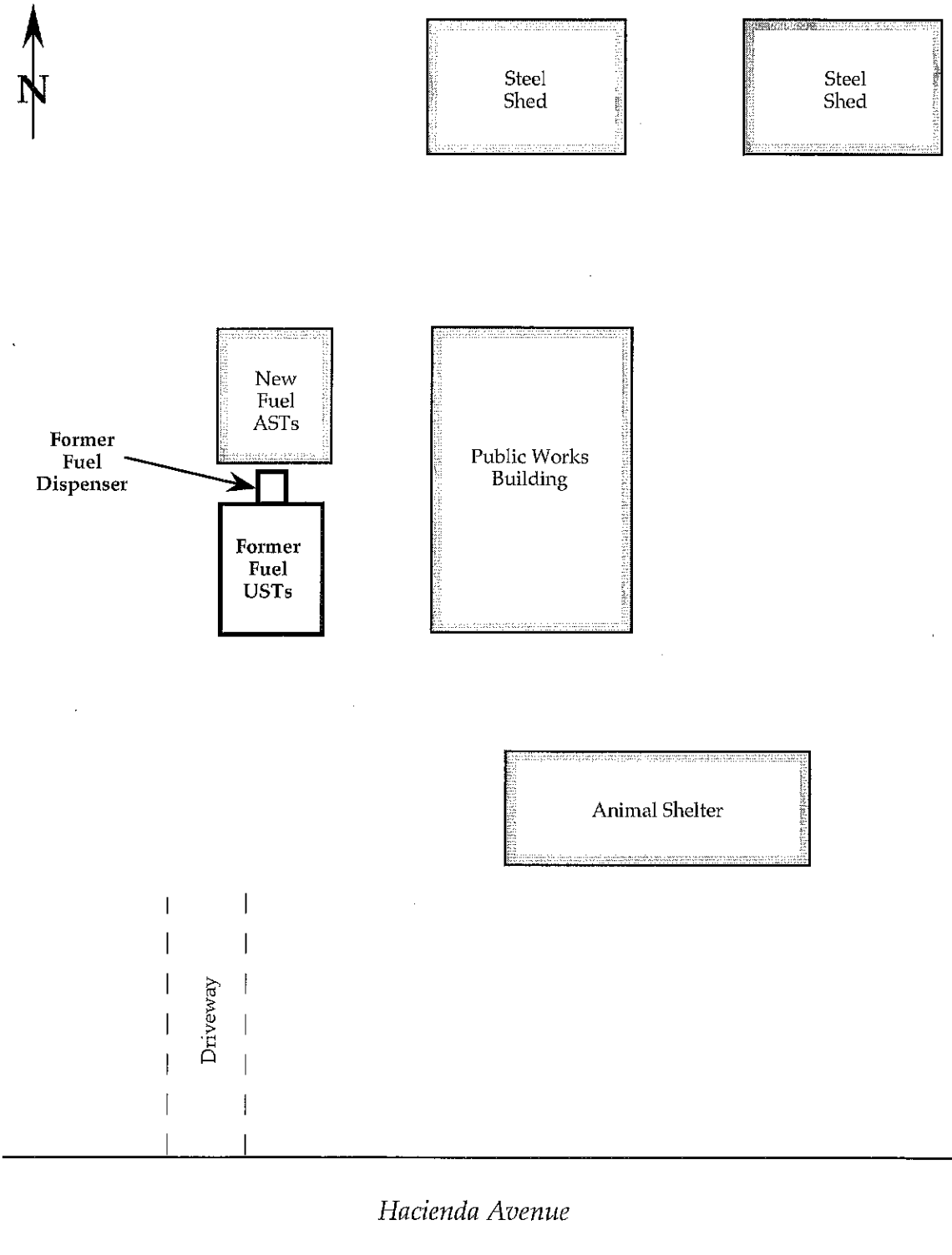


Figure based on sketch provided by the City of Desert Hot Springs.

NOT SCALED

Black Rock Geosciences	**SITE PLAN** 65810 Hacienda Avenue, Desert Hot Springs, California	**Figure No.** **2**
Project No. 4031 Date: 06-09-00		

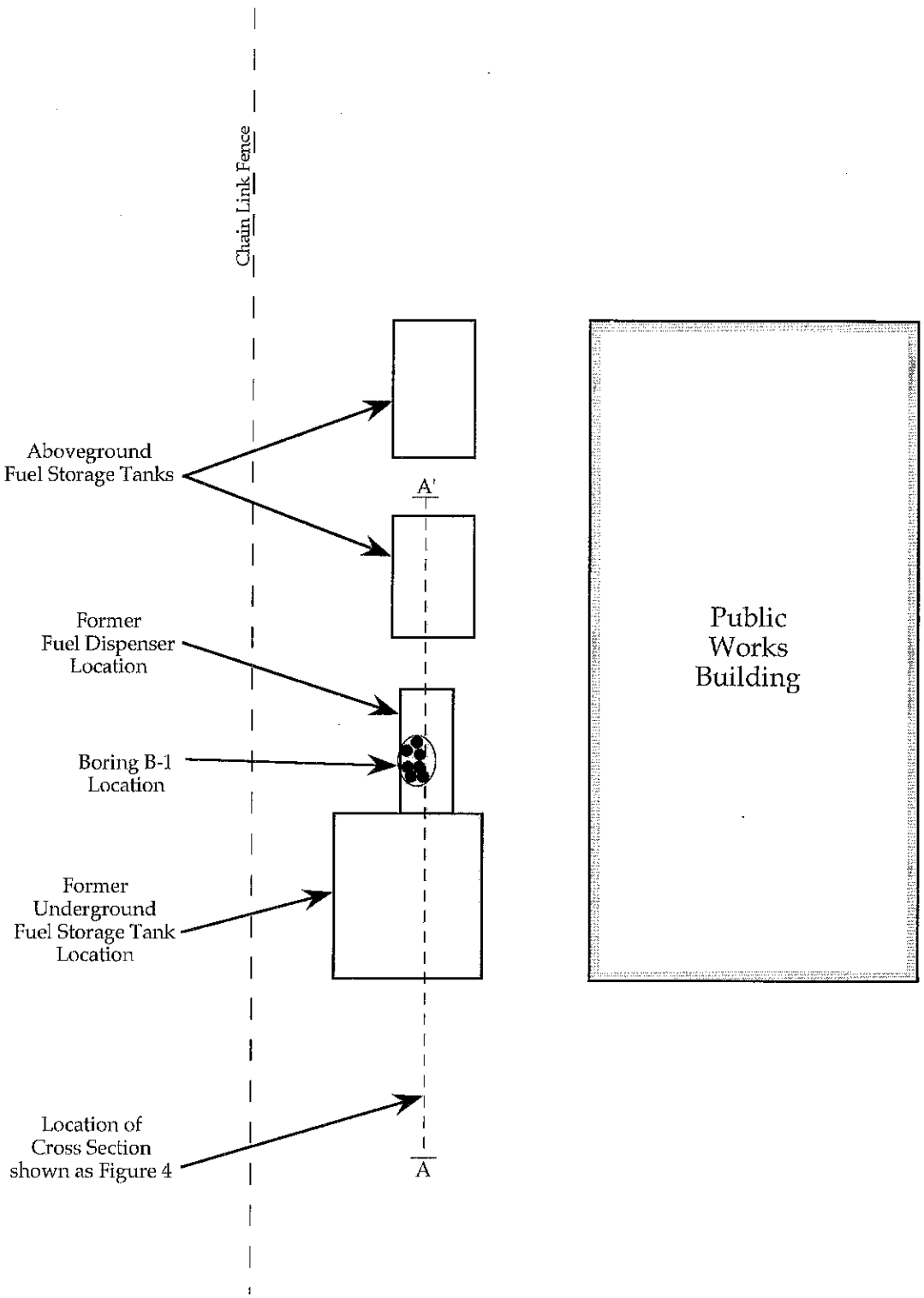
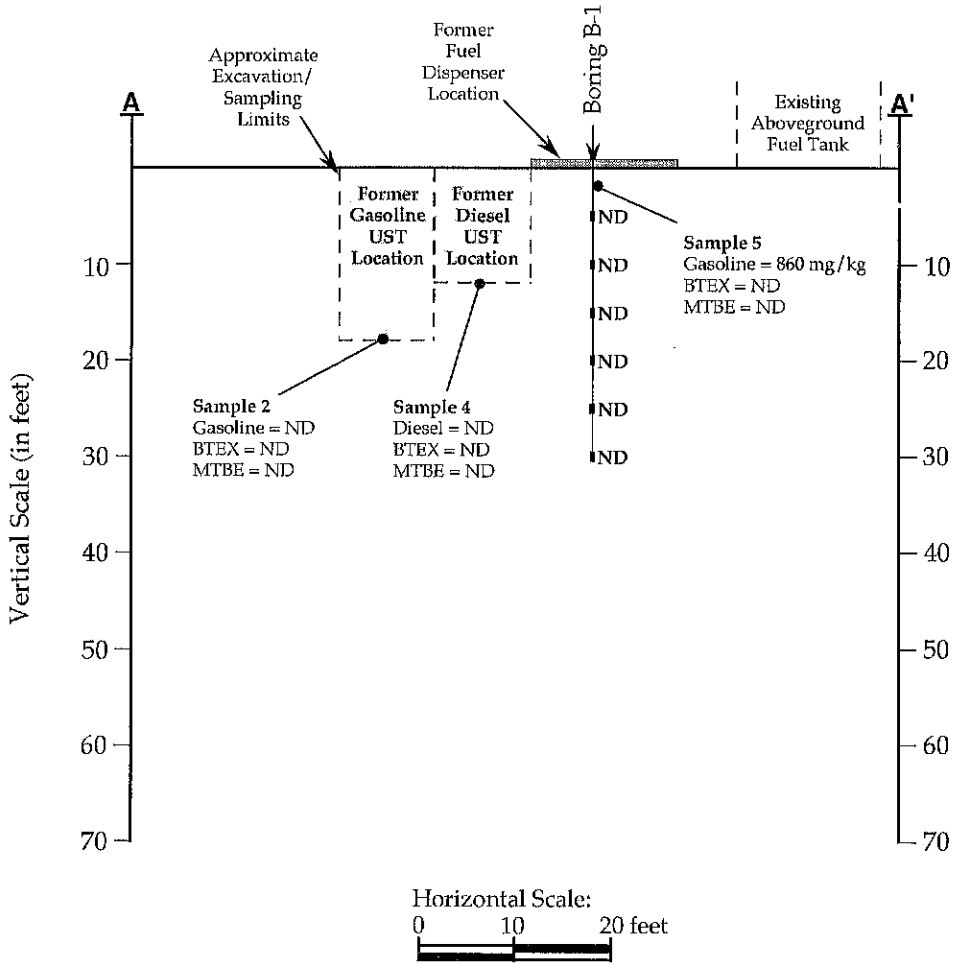


Figure based on site observations and measurements.

Black Rock Geosciences	**BORING LOCATION**	**Figure No.**
Project No. 4031 Date: 06-09-00	65810 Hacienda Avenue, Desert Hot Springs, California	**3**



LEGEND

ND — Location of soil sample collected from Boring B-1 during this investigation. Note that this boring location moved laterally within a 4-foot area due to refusal at three locations where samples were collected. ND = Gasoline, BTEX, and MTBE not detected.

Sample 5 — Approximate sampling location following UST removal (02-10-00). Note that locations are approximate and based on descriptions in chain-of-custody record. ND = Not detected. mg/kg = Milligrams per kilogram.

Black Rock Geosciences	**CROSS SECTION A-A'**	**Figure No.**
Project No. 4031 Date: 06-09-00	65810 Hacienda Avenue, Desert Hot Springs, California	**4**

TABLE 1

Analytical Summary
657810 Hacienda Avenue
Desert Hot Springs, California

Sample ID	Gasoline (mg/kg)	Benzene (µg/kg)	Toluene (µg/kg)	Ethylbenzene (µg/kg)	Xylenes (µg/kg)	MTBE (µg/kg)	Other VOCs (µg/kg)
B-1-5	ND	ND	ND	ND	ND	ND	ND
B-1-10	ND	ND	ND	ND	ND	ND	ND
B-1-15	ND	ND	ND	ND	ND	ND	ND
B-1-20	ND	ND	ND	ND	ND	ND	ND
B-1-25	ND	ND	ND	ND	ND	ND	ND
B-1-30	ND	ND	ND	ND	ND	ND	ND
Detection Limits	10	5	5	5	5 – 10	5	5 - 10

Notes:

mg/kg	Milligrams per kilogram.
µg/kg	Micrograms per kilogram
MTBE	Methyl tertiary butyl ether.
ND	Not detected at or above the laboratory detection limit cited.
VOCs	Volatile Organic Compounds. See attached laboratory report for listed VOCs.

REFERENCES

Black Rock Geosciences, 2000, Work Plan to Conduct a Soil Investigation at 65810 Hacienda Avenue, Desert Hot Springs, California, dated May 11, 2000.

Moyle, W.R., 1974, Geohydrologic Map of Southern California, Water-Resources Investigations 48-73 open File Report.

Rogers, Thomas H., 1965, Geologic Map of California; California Division of Mines and Geology, Santa Ana Sheet; Scale 1:250,000.

LIMITATIONS

This investigation was performed using the degree of care and skill ordinarily exercised, under similar circumstances, by experienced environmental professionals practicing in this or similar locations. No other warranty, expressed or implied, is granted or intended as part of this service.

The soil samples collected during this investigation are believed representative of the areas sampled. However, environmental and soil conditions can vary significantly between and away from the locations sampled. As in most projects, conditions revealed by additional subsurface investigations may be at variance with preliminary findings. If this occurs, experienced environmental professionals must evaluate the changed conditions, and adjust conclusions and recommendations provided herein.

The interpretations and conclusions contained in this report are, in part, based on laboratory analyses that were intended to detect the presence and concentration of specific chemical constituents in samples collected from the subject site. The analyses have been conducted by an independent laboratory that is certified by the State of California to conduct such analyses, and which uses methodologies mandated by the Environmental Protection Agency in the performance of such analyses. Black Rock Geosciences has no involvement in, or control over, such analyses and has no non-laboratory means of confirming the accuracy of such laboratory results. Black Rock Geosciences, therefore, disclaims any responsibility or any inaccuracy in such laboratory results.

The findings of this report are valid as of the present date. However, changes in the conditions of a property can and do occur with the passage of time, whether they be due to natural processes or the work of people on this or adjacent properties. In addition, changes in applicable or appropriate standards may occur, whether they result from legislation or the broadening of knowledge. Accordingly, the findings of this report may be invalidated wholly or partially by changes outside our control. Therefore, this report is subject to review and revision as changed conditions are identified.

Project: City of Desert Hot Springs
Project Location: 65810 Hacienda Avenue
Project Number: 4031

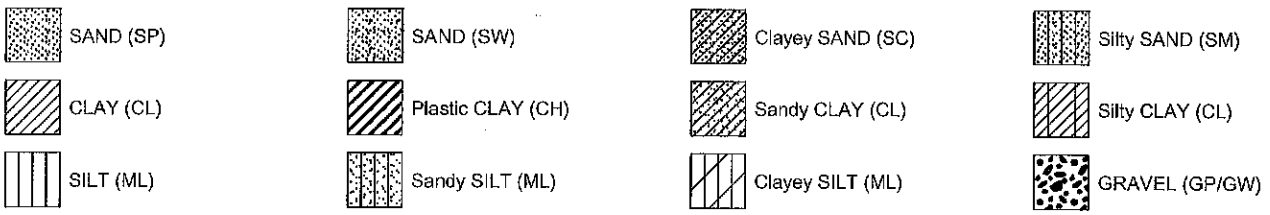
Key to Log of Boring

Elevation, feet	Depth, feet	SAMPLES Type	SAMPLES Number	Graphic Log	Unified Soil Classification	MATERIAL DESCRIPTION	Headspace PID, ppm	Background PID, ppm	Drilling Progress, 24-hour clock	REMARKS
1	2	3	4	5	6	7	8	9	10	11

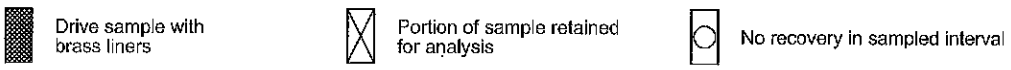
COLUMN DESCRIPTIONS

1. **Elevation:** Elevation in feet relative to mean sea level (MSL).
2. **Depth:** Depth in feet below the ground surface.
3. **Sample Type:** Type of soil sample collected at depth interval shown; sampler symbols are explained below.
4. **Sample Number:** Identification number of sample retained for possible chemical analyses.
5. **Graphic Log:** Graphic depiction of subsurface material encountered; typical symbols are explained below.
6. **Unified Soil Classification:** Unified Soil Classification System (USCS) code for associated soil stratum.
7. **Material Description:** Description of material encountered; may include color, moisture, grain size, and consistency.
8. **Headspace PID:** Photoionization device field sample headspace reading in parts per million (ppm); NM=not measured.
9. **Background PID:** Photoionization device background reading in parts per million (ppm); NM=not measured.
10. **Drilling Progress:** Time (in 24-hour clock) at sampling and other events during downhole advance.
11. **Remarks:** Comments and observations regarding drilling or sampling made by driller or field personnel.

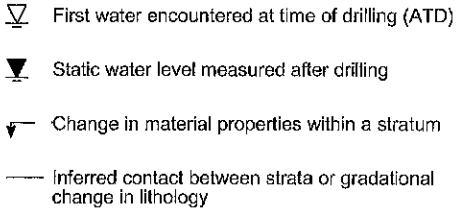
TYPICAL SOIL GRAPHIC SYMBOLS



TYPICAL SAMPLER GRAPHIC SYMBOLS



OTHER GRAPHIC SYMBOLS



GENERAL NOTES

1. Soil classifications are based on the Unified Soil Classification System. Descriptions and stratum lines are interpretive; actual lithologic changes may be gradual. Field descriptions may have been modified to reflect results of lab tests.
2. Descriptions on these logs apply only at the specific boring locations and at the time the borings were advanced. They are not warranted to be representative of subsurface conditions at other locations or times.

Report: BLKROK_1S_KEY; File: DESERHOT.GPJ; 6/9/2000

Project: City of Desert Hot Springs
Project Location: 65810 Hacienda Avenue
Project Number: 4031

Log of Boring B-1

Sheet 1 of 1

Date(s) Drilled	6/2/00	Logged By	Q. Kinnebrew	Checked By	Q. Kinnebrew
Drilling Method	Geoprobe	Drill Bit Size/Type	1-1/8 inches ID / 1-1/2 inches OD	Total Depth of Borehole	30.0 feet
Drill Rig Type	Geoprobe	Drilling Contractor	Vironex	Approximate Surface Elevation	1065 feet MSL
Sampling Method	Brass-lined drive sampler	Depth to Groundwater	Not encountered at time of drilling		
Borehole Backfill	Hydrated bentonite chips, soil cover	Comments	Refer to site plan for location		

Elevation, feet	Depth, feet	SAMPLES Type	SAMPLES Number	Graphic Log	Unified Soil Classification	MATERIAL DESCRIPTION	Headspace PID, ppm	Background PID, ppm	Drilling Progress, 24-hour clock	REMARKS
1065	0				SW	Light brown-gray, fine to coarse SAND, trace silt, trace gravel, dry, friable, no visible staining, no odor				Refusal at 3 ft; moved boring 1 ft. Refusal again at 3 ft; moved boring 2 ft.
1060	5		B-1-5		SW-SM	Light brown-gray, fine to coarse SAND with silt, dry, friable, no visible staining, no odor	5.2	4.4	0734	Refusal at 6 ft; moved boring 1.5 ft. Refusal at 7 ft, moved boring 1.5 ft.
1055	10		B-1-10			Becomes light brown to light brown-gray, trace gravel	5.7	4.4	0751	Refusal at 9 ft; moved boring 2 ft.
1050	15		B-1-15		SP	Light brown, fine to medium SAND, trace coarse sand, damp, friable, no visible staining, slight weathered gasoline odor	10.2	3.9	0858	Refusal at 12 ft; moved boring 4 ft.
1045	20		B-1-20		SW	Light brown-gray, fine to coarse SAND, trace gravel, damp, friable, no visible staining, no odor	6.6	4.3	0915	
1040	25		B-1-25				5.8	4.0	0946	
1035	30		B-1-30			Increase in gravel content	5.7	4.0	1018	
1030	35					Bottom of boring at 30.0 feet				

Report: BLKROK_1S; File: DESERHOT.GPJ; 6/9/2000

Black Rock Geosciences

SunStar Laboratories, Inc.

June 5, 2000

Quin Kinnebrew
Black Rock Geosciences
7110 Grovewood Lane
Orange, CA 92869

SunStar Laboratories Incorporated Batch Number: T-1795

Dear Mr. Kinnebrew:

This report contains the analytical results for six (6) soil samples received under chain of custody by SunStar Laboratories Incorporated on June 2, 2000. These samples are associated with your *City of Desert Hot Springs #4031* project.

Project Summary

Samples were received in good condition. Sample container(s) and label(s) agreed with the chain of custody as to sample ID, collection time/ date, requested analyses and/or preservatives.

Samples were received in time to meet the method holding time specifications.

All applicable internal quality control analyses including calibration verifications, calibration (instrumentation), method blanks, matrix spike (MS) and matrix spike duplicate (MSD) met method specified acceptance criteria. Any anomalies are reported within the case narrative. There are no anomalies associated with this batch number.

If you require further information or clarification, please feel free to contact me at (714) 505-4010.

Sincerely,

John J. Lloyd

Reviewer

3002 Dow Avenue, Suite 406, Tustin, CA 92780 Phone (714) 505-4010 Fax (714) 505-4028

SunStar Laboratories, Inc.

Quality Control Analysis EPA 8260

Client: Black Rock Geosciences
Project Manager: Quin Kinnebrew

Project Name
City of Desert Hot Springs

Date Analyzed: 6/5/00
Batch: T-1770
Matrix: Soil
Sample Spiked 1785-03

Matrix Spike and Matrix Spike Duplicate Analysis

Compound	Conc.Spike Added(µg/Kg)	Sample Result	Conc. MS	% Rec.	Conc. MSD	% Rec.	RPD	QC Limits	
								RPD	Percent Recovery
1,1 Dichloroethene	100	0.3	79	79	91	91	14.2	20	75-125
Benzene	100	0.0	77	77	86	86	11.0	20	75-125
Trichloroethene	100	0.1	76	76	85	85	11.2	20	75-125
Toluene	100	0.5	76	76	85	85	11.3	20	75-125
Chlorobenzene	100	0.1	79	79	89	89	11.9	20	75-125

SunStar Laboratories, Inc.

Analytical Report EPA 8260

Client: Black Rock Geosciences
Project Manager: Quin Kinnebrew

Project Name
City of Desert Hot Springs

Sample ID: Method Blank
Date Sampled: NA
Date Received: NA
Date Analyzed: 6/5/00
Laboratory ID: T1795-MB
Matrix: Soil

Surrogate Compounds	Conc.(µg/Kg)	%Rec.
Dibromofluoromethane	38.15	95
Toluene-d8	38.49	96
4-Bromofluorobenzene	42.58	106

Compound	Conc. (µg/Kg)	RL (µg/Kg)
Dichlorodifluoromethane	ND	10
Chloromethane	ND	10
Vinyl Chloride	ND	10
Bromomethane	ND	10
Chloroethane	ND	10
Trichlorofluoromethane	ND	10
1,1-Dichloroethene	ND	10
Methylene chloride	ND	10
trans-1,2-Dichloroethene	ND	10
1,1-Dichloroethane	ND	10
2,2-Dichloropropane	ND	5
cis-1,2-Dichloroethene	ND	5
Bromochloromethane	ND	5
Chloroform	ND	5
1,1,1-Trichloroethane	ND	5
Carbon Tetrachloride	ND	5
1-1-Dichloropropene	ND	5
Benzene	ND	5
1,2-Dichloroethane	ND	5
Trichloroethene	ND	5
1,2-Dichloropropane	ND	5
Dibromomethane	ND	5
Bromodichloromethane	ND	5
cis-1,3-Dichloropropene	ND	5
Toluene	ND	5
trans-1,3-Dichloropropene	ND	5
1,1,2-Trichloroethane	ND	5
Tetrachloroethene	ND	5

Compound	Conc. (µg/Kg)	RL (µg/Kg)
1,3-Dichloropropane	ND	5
Dibromochloromethane	ND	5
1,2-Dibromoethane	ND	5
Chlorobenzene	ND	5
1,1,1,2-Tetrachloroethane	ND	5
Ethyl benzene	ND	5
m&p-Xylene	ND	10
o-Xylene	ND	5
Styrene	ND	5
Bromoform	ND	5
Isopropylbenzene	ND	5
Bromobenzene	ND	5
1,1,2,2-Tetrachloroethane	ND	5
1,2,3-Trichloropropane	ND	5
n-Propylbenzene	ND	5
2-Chlorotoluene	ND	5
4-Chlorotoluene	ND	5
1,3,5-Trimethylbenzene	ND	5
tert-Butylbenzene	ND	5
1,2,4-Trimethylbenzene	ND	5
sec-Butylbenzene	ND	5
1,3-Dichlorobenzene	ND	5
p-Isopropyltoluene	ND	5
1,4-Dichlorobenzene	ND	5
1,2-Dichlorobenzene	ND	5
1,2,4-Trichlorobenzene	ND	10
Naphthalene	ND	10
1,2,3-Trichlorobenzene	ND	10
MTBE	ND	5

SunStar Laboratories, Inc.

Analytical Report EPA 8260

Client: Black Rock Geosciences
Project Manager: Quin Kinnebrew

Project Name
City of Desert Hot Springs

Sample ID: B-1-5
Date Sampled: 6/2/00
Date Received: 6/2/00
Date Analyzed: 6/5/00
Laboratory ID: T1795-01
Matrix: Soil

Surrogate Compounds	Conc.(µg/Kg)	%Rec.
Dibromofluoromethane	36.78	92
Toluene-d8	39.76	99
4-Bromofluorobenzene	39.62	99

Compound	Conc. (µg/Kg)	RL (µg/Kg)
Dichlorodifluoromethane	ND	10
Chloromethane	ND	10
Vinyl Chloride	ND	10
Bromomethane	ND	10
Chloroethane	ND	10
Trichlorofluoromethane	ND	10
1,1-Dichloroethene	ND	10
Methylene chloride	ND	10
trans-1,2-Dichloroethene	ND	10
1,1-Dichloroethane	ND	10
2,2-Dichloropropane	ND	5
cis-1,2-Dichloroethene	ND	5
Bromochloromethane	ND	5
Chloroform	ND	5
1,1,1-Trichloroethane	ND	5
Carbon Tetrachloride	ND	5
1-1-Dichloropropene	ND	5
Benzene	ND	5
1,2-Dichloroethane	ND	5
Trichloroethene	ND	5
1,2-Dichloropropane	ND	5
Dibromomethane	ND	5
Bromodichloromethane	ND	5
cis-1,3-Dichloropropene	ND	5
Toluene	ND	5
trans-1,3-Dichloropropene	ND	5
1,1,2-Trichloroethane	ND	5
Tetrachloroethene	ND	5

Compound	Conc. (µg/Kg)	RL (µg/Kg)
1,3-Dichloropropane	ND	5
Dibromochloromethane	ND	5
1,2-Dibromoethane	ND	5
Chlorobenzene	ND	5
1,1,1,2-Tetrachloroethane	ND	5
Ethyl benzene	ND	5
m&p-Xylene	ND	10
o-Xylene	ND	5
Styrene	ND	5
Bromoform	ND	5
Isopropylbenzene	ND	5
Bromobenzene	ND	5
1,1,2,2-Tetrachloroethane	ND	5
1,2,3-Trichloropropane	ND	5
n-Propylbenzene	ND	5
2-Chlorotoluene	ND	5
4-Chlorotoluene	ND	5
1,3,5-Trimethylbenzene	ND	5
tert-Butylbenzene	ND	5
1,2,4-Trimethylbenzene	ND	5
sec-Butylbenzene	ND	5
1,3-Dichlorobenzene	ND	5
p-Isopropyltoluene	ND	5
1,4-Dichlorobenzene	ND	5
1,2-Dichlorobenzene	ND	5
1,2,4-Trichlorobenzene	ND	10
Naphthalene	ND	10
1,2,3-Trichlorobenzene	ND	10
MTBE	ND	5

SunStar Laboratories, Inc.

Analytical Report EPA 8260

Client: Black Rock Geosciences
Project Manager: Quin Kinnebrew

Project Name
City of Desert Hot Springs

Sample ID: B-1-10
Date Sampled: 6/2/00
Date Received: 6/2/00
Date Analyzed: 6/5/00
Laboratory ID: T1795-02
Matrix: Soil

Surrogate Compounds	Conc.(µg/Kg)	%Rec.
Dibromofluoromethane	38.35	96
Toluene-d8	39.15	98
4-Bromofluorobenzene	40.18	100

Compound	Conc. (µg/Kg)	RL (µg/Kg)
Dichlorodifluoromethane	ND	10
Chloromethane	ND	10
Vinyl Chloride	ND	10
Bromomethane	ND	10
Chloroethane	ND	10
Trichlorofluoromethane	ND	10
1,1-Dichloroethene	ND	10
Methylene chloride	ND	10
trans-1,2-Dichloroethene	ND	10
1,1-Dichloroethane	ND	10
2,2-Dichloropropane	ND	5
cis-1,2-Dichloroethene	ND	5
Bromochloromethane	ND	5
Chloroform	ND	5
1,1,1-Trichloroethane	ND	5
Carbon Tetrachloride	ND	5
1-1-Dichloropropene	ND	5
Benzene	ND	5
1,2-Dichloroethane	ND	5
Trichloroethene	ND	5
1,2-Dichloropropane	ND	5
Dibromomethane	ND	5
Bromodichloromethane	ND	5
cis-1,3-Dichloropropene	ND	5
Toluene	ND	5
trans-1,3-Dichloropropene	ND	5
1,1,2-Trichloroethane	ND	5
Tetrachloroethene	ND	5

Compound	Conc. (µg/Kg)	RL (µg/Kg)
1,3-Dichloropropane	ND	5
Dibromochloromethane	ND	5
1,2-Dibromoethane	ND	5
Chlorobenzene	ND	5
1,1,1,2-Tetrachloroethane	ND	5
Ethyl benzene	ND	5
m&p-Xylene	ND	10
o-Xylene	ND	5
Styrene	ND	5
Bromoform	ND	5
Isopropylbenzene	ND	5
Bromobenzene	ND	5
1,1,2,2-Tetrachloroethane	ND	5
1,2,3-Trichloropropane	ND	5
n-Propylbenzene	ND	5
2-Chlorotoluene	ND	5
4-Chlorotoluene	ND	5
1,3,5-Trimethylbenzene	ND	5
tert-Butylbenzene	ND	5
1,2,4-Trimethylbenzene	ND	5
sec-Butylbenzene	ND	5
1,3-Dichlorobenzene	ND	5
p-Isopropyltoluene	ND	5
1,4-Dichlorobenzene	ND	5
1,2-Dichlorobenzene	ND	5
1,2,4-Trichlorobenzene	ND	10
Naphthalene	ND	10
1,2,3-Trichlorobenzene	ND	10
MTBE	ND	5

SunStar Laboratories, Inc.

Analytical Report EPA 8260

Client: Black Rock Geosciences
Project Manager: Quin Kinnebrew

Project Name
City of Desert Hot Springs

Sample ID: B-1-15
Date Sampled: 6/2/00
Date Received: 6/2/00
Date Analyzed: 6/5/00
Laboratory ID: T1795-03
Matrix: Soil

Surrogate Compounds	Conc.(µg/Kg)	%Rec.
Dibromofluoromethane	36.37	91
Toluene-d8	39.57	99
4-Bromofluorobenzene	41.19	103

Compound	Conc. (µg/Kg)	RL (µg/Kg)
Dichlorodifluoromethane	ND	10
Chloromethane	ND	10
Vinyl Chloride	ND	10
Bromomethane	ND	10
Chloroethane	ND	10
Trichlorofluoromethane	ND	10
1,1-Dichloroethene	ND	10
Methylene chloride	ND	10
trans-1,2-Dichloroethene	ND	10
1,1-Dichloroethane	ND	10
2,2-Dichloropropane	ND	5
cis-1,2-Dichloroethene	ND	5
Bromochloromethane	ND	5
Chloroform	ND	5
1,1,1-Trichloroethane	ND	5
Carbon Tetrachloride	ND	5
1-1-Dichloropropene	ND	5
Benzene	ND	5
1,2-Dichloroethane	ND	5
Trichloroethene	ND	5
1,2-Dichloropropane	ND	5
Dibromomethane	ND	5
Bromodichloromethane	ND	5
cis-1,3-Dichloropropene	ND	5
Toluene	ND	5
trans-1,3-Dichloropropene	ND	5
1,1,2-Trichloroethane	ND	5
Tetrachloroethene	ND	5

Compound	Conc. (µg/Kg)	RL (µg/Kg)
1,3-Dichloropropane	ND	5
Dibromochloromethane	ND	5
1,2-Dibromoethane	ND	5
Chlorobenzene	ND	5
1,1,1,2-Tetrachloroethane	ND	5
Ethyl benzene	ND	5
m&p-Xylene	ND	10
o-Xylene	ND	5
Styrene	ND	5
Bromoform	ND	5
Isopropylbenzene	ND	5
Bromobenzene	ND	5
1,1,2,2-Tetrachloroethane	ND	5
1,2,3-Trichloropropane	ND	5
n-Propylbenzene	ND	5
2-Chlorotoluene	ND	5
4-Chlorotoluene	ND	5
1,3,5-Trimethylbenzene	ND	5
tert-Butylbenzene	ND	5
1,2,4-Trimethylbenzene	ND	5
sec-Butylbenzene	ND	5
1,3-Dichlorobenzene	ND	5
p-Isopropyltoluene	ND	5
1,4-Dichlorobenzene	ND	5
1,2-Dichlorobenzene	ND	5
1,2,4-Trichlorobenzene	ND	10
Naphthalene	ND	10
1,2,3-Trichlorobenzene	ND	10
MTBE	ND	5

SunStar Laboratories, Inc.

Analytical Report EPA 8260

Client: Black Rock Geosciences
Project Manager: Quin Kinnebrew

Project Name
City of Desert Hot Springs

Sample ID: B-1-20
Date Sampled: 6/2/00
Date Received: 6/2/00
Date Analyzed: 6/5/00
Laboratory ID: T1795-04
Matrix: Soil

Surrogate Compounds	Conc.(µg/Kg)	%Rec.
Dibromofluoromethane	39.19	98
Toluene-d8	37.56	94
4-Bromofluorobenzene	42.09	105

Compound	Conc. (µg/Kg)	RL (µg/Kg)
Dichlorodifluoromethane	ND	10
Chloromethane	ND	10
Vinyl Chloride	ND	10
Bromomethane	ND	10
Chloroethane	ND	10
Trichlorofluoromethane	ND	10
1,1-Dichloroethene	ND	10
Methylene chloride	ND	10
trans-1,2-Dichloroethene	ND	10
1,1-Dichloroethane	ND	10
2,2-Dichloropropane	ND	5
cis-1,2-Dichloroethene	ND	5
Bromochloromethane	ND	5
Chloroform	ND	5
1,1,1-Trichloroethane	ND	5
Carbon Tetrachloride	ND	5
1-1-Dichloropropene	ND	5
Benzene	ND	5
1,2-Dichloroethane	ND	5
Trichloroethene	ND	5
1,2-Dichloropropane	ND	5
Dibromomethane	ND	5
Bromodichloromethane	ND	5
cis-1,3-Dichloropropene	ND	5
Toluene	ND	5
trans-1,3-Dichloropropene	ND	5
1,1,2-Trichloroethane	ND	5
Tetrachloroethene	ND	5

Compound	Conc. (µg/Kg)	RL (µg/Kg)
1,3-Dichloropropane	ND	5
Dibromochloromethane	ND	5
1,2-Dibromoethane	ND	5
Chlorobenzene	ND	5
1,1,1,2-Tetrachloroethane	ND	5
Ethyl benzene	ND	5
m&p-Xylene	ND	10
o-Xylene	ND	5
Styrene	ND	5
Bromoform	ND	5
Isopropylbenzene	ND	5
Bromobenzene	ND	5
1,1,2,2-Tetrachloroethane	ND	5
1,2,3-Trichloropropane	ND	5
n-Propylbenzene	ND	5
2-Chlorotoluene	ND	5
4-Chlorotoluene	ND	5
1,3,5-Trimethylbenzene	ND	5
tert-Butylbenzene	ND	5
1,2,4-Trimethylbenzene	ND	5
sec-Butylbenzene	ND	5
1,3-Dichlorobenzene	ND	5
p-Isopropyltoluene	ND	5
1,4-Dichlorobenzene	ND	5
1,2-Dichlorobenzene	ND	5
1,2,4-Trichlorobenzene	ND	10
Naphthalene	ND	10
1,2,3-Trichlorobenzene	ND	10
MTBE	ND	5

SunStar Laboratories, Inc.

Analytical Report EPA 8260

Client: Black Rock Geosciences
Project Manager: Quin Kinnebrew

Project Name
City of Desert Hot Springs

Sample ID: B-1-25
Date Sampled: 6/2/00
Date Received: 6/2/00
Date Analyzed: 6/5/00
Laboratory ID: T1795-05
Matrix: Soil

Surrogate Compounds	Conc.(µg/Kg)	%Rec.
Dibromofluoromethane	43.11	108
Toluene-d8	38.90	97
4-Bromofluorobenzene	41.05	103

Compound	Conc. (µg/Kg)	RL (µg/Kg)
Dichlorodifluoromethane	ND	10
Chloromethane	ND	10
Vinyl Chloride	ND	10
Bromomethane	ND	10
Chloroethane	ND	10
Trichlorofluoromethane	ND	10
1,1-Dichloroethene	ND	10
Methylene chloride	ND	10
trans-1,2-Dichloroethene	ND	10
1,1-Dichloroethane	ND	10
2,2-Dichloropropane	ND	5
cis-1,2-Dichloroethene	ND	5
Bromochloromethane	ND	5
Chloroform	ND	5
1,1,1-Trichloroethane	ND	5
Carbon Tetrachloride	ND	5
1-1-Dichloropropene	ND	5
Benzene	ND	5
1,2-Dichloroethane	ND	5
Trichloroethene	ND	5
1,2-Dichloropropane	ND	5
Dibromomethane	ND	5
Bromodichloromethane	ND	5
cis-1,3-Dichloropropene	ND	5
Toluene	ND	5
trans-1,3-Dichloropropene	ND	5
1,1,2-Trichloroethane	ND	5
Tetrachloroethene	ND	5

Compound	Conc. (µg/Kg)	RL (µg/Kg)
1,3-Dichloropropane	ND	5
Dibromochloromethane	ND	5
1,2-Dibromoethane	ND	5
Chlorobenzene	ND	5
1,1,1,2-Tetrachloroethane	ND	5
Ethyl benzene	ND	5
m&p-Xylene	ND	10
o-Xylene	ND	5
Styrene	ND	5
Bromoform	ND	5
Isopropylbenzene	ND	5
Bromobenzene	ND	5
1,1,2,2-Tetrachloroethane	ND	5
1,2,3-Trichloropropane	ND	5
n-Propylbenzene	ND	5
2-Chlorotoluene	ND	5
4-Chlorotoluene	ND	5
1,3,5-Trimethylbenzene	ND	5
tert-Butylbenzene	ND	5
1,2,4-Trimethylbenzene	ND	5
sec-Butylbenzene	ND	5
1,3-Dichlorobenzene	ND	5
p-Isopropyltoluene	ND	5
1,4-Dichlorobenzene	ND	5
1,2-Dichlorobenzene	ND	5
1,2,4-Trichlorobenzene	ND	10
Naphthalene	ND	10
1,2,3-Trichlorobenzene	ND	10
MTBE	ND	5

SunStar Laboratories, Inc.

Analytical Report EPA 8260

Client: Black Rock Geosciences
Project Manager: Quin Kinnebrew

Project Name
City of Desert Hot Springs

Sample ID: B-1-30
Date Sampled: 6/2/00
Date Received: 6/2/00
Date Analyzed: 6/5/00
Laboratory ID: T1795-06
Matrix: Soil

Surrogate Compounds	Conc.(µg/Kg)	%Rec.
Dibromofluoromethane	37.16	93
Toluene-d8	37.89	95
4-Bromofluorobenzene	38.60	97

Compound	Conc. (µg/Kg)	RL (µg/Kg)
Dichlorodifluoromethane	ND	10
Chloromethane	ND	10
Vinyl Chloride	ND	10
Bromomethane	ND	10
Chloroethane	ND	10
Trichlorofluoromethane	ND	10
1,1-Dichloroethene	ND	10
Methylene chloride	ND	10
trans-1,2-Dichloroethene	ND	10
1,1-Dichloroethane	ND	10
2,2-Dichloropropane	ND	5
cis-1,2-Dichloroethene	ND	5
Bromochloromethane	ND	5
Chloroform	ND	5
1,1,1-Trichloroethane	ND	5
Carbon Tetrachloride	ND	5
1-1-Dichloropropene	ND	5
Benzene	ND	5
1,2-Dichloroethane	ND	5
Trichloroethene	ND	5
1,2-Dichloropropane	ND	5
Dibromomethane	ND	5
Bromodichloromethane	ND	5
cis-1,3-Dichloropropene	ND	5
Toluene	ND	5
trans-1,3-Dichloropropene	ND	5
1,1,2-Trichloroethane	ND	5
Tetrachloroethene	ND	5

Compound	Conc. (µg/Kg)	RL (µg/Kg)
1,3-Dichloropropane	ND	5
Dibromochloromethane	ND	5
1,2-Dibromoethane	ND	5
Chlorobenzene	ND	5
1,1,1,2-Tetrachloroethane	ND	5
Ethyl benzene	ND	5
m&p-Xylene	ND	10
o-Xylene	ND	5
Styrene	ND	5
Bromoform	ND	5
Isopropylbenzene	ND	5
Bromobenzene	ND	5
1,1,2,2-Tetrachloroethane	ND	5
1,2,3-Trichloropropane	ND	5
n-Propylbenzene	ND	5
2-Chlorotoluene	ND	5
4-Chlorotoluene	ND	5
1,3,5-Trimethylbenzene	ND	5
tert-Butylbenzene	ND	5
1,2,4-Trimethylbenzene	ND	5
sec-Butylbenzene	ND	5
1,3-Dichlorobenzene	ND	5
p-Isopropyltoluene	ND	5
1,4-Dichlorobenzene	ND	5
1,2-Dichlorobenzene	ND	5
1,2,4-Trichlorobenzene	ND	10
Naphthalene	ND	10
1,2,3-Trichlorobenzene	ND	10
MTBE	ND	5

SunStar Laboratories, Inc.

Quality Control Analysis EPA 8015M

Client: Black Rock Geosciences
Project Manager: Quin Kinnebrew

Project Name
City of Desert Hot Springs

Date Analyzed: 6/6/00
Batch: T-1795
Matrix: Soil
Sample Spiked: 1785-24

Matrix Spike and Matrix Spike Duplicate Analysis

Compound	Conc. Spike Added (mg/Kg)	Sample Result	Conc. MS	% Rec.	Conc. MSD	% Rec.	RPD	QC Limits	
								RPD	Percent Recovery
8015M TPH	500	0	457	91.4	456	91.2	0.2	20	70-130

SunStar Laboratories, Inc.

Analytical Report EPA 8015M

Client: Black Rock Geosciences
Project Manager: Quin Kinnebrew

Project Name
City of Desert Hot Springs

Sample ID: Method Blank
Date Sampled: NA
Date Received: NA
Date Analyzed: 6/6/00
Laboratory ID: T1795-MB
Matrix: Soil

Compound	Concentration (mg/Kg)	Detection Limit (mg/Kg)
TPH Gas	ND	10

SunStar Laboratories, Inc.

Analytical Report EPA 8015M

Client: Black Rock Geosciences
Project Manager: Quin Kinnebrew

Project Name
City of Desert Hot Springs

Sample ID: B-1-5
Date Sampled: 6/2/00
Date Received: 6/2/00
Date Analyzed: 6/6/00
Laboratory ID: T1795-01
Matrix: Soil

Compound	Concentration (mg/Kg)	Detection Limit (mg/Kg)
TPH Gas	ND	10

3002 Dow Avenue, Suite 406, Tustin, Ca. 92780 Phone: (714) 505-4010 Fax: (714) 505-4028

SunStar Laboratories, Inc.

Analytical Report EPA 8015M

Client: Black Rock Geosciences
Project Manager: Quin Kinnebrew

Project Name
City of Desert Hot Springs

Sample ID: B-1-10
Date Sampled: 6/2/00
Date Received: 6/2/00
Date Analyzed: 6/6/00
Laboratory ID: T1795-02
Matrix: Soil

Compound	Concentration (mg/Kg)	Detection Limit (mg/Kg)
TPH Gas	ND	10

SunStar Laboratories, Inc.

Analytical Report EPA 8015M

Client: Black Rock Geosciences
Project Manager: Quin Kinnebrew

Project Name
City of Desert Hot Springs

Sample ID: B-1-15
Date Sampled: 6/2/00
Date Received: 6/2/00
Date Analyzed: 6/6/00
Laboratory ID: T1795-03
Matrix: Soil

Compound	Concentration (mg/Kg)	Detection Limit (mg/Kg)
TPH Gas	ND	10

SunStar Laboratories, Inc.

Analytical Report EPA 8015M

Client: Black Rock Geosciences
Project Manager: Quin Kinnebrew

Project Name
City of Desert Hot Springs

Sample ID: B-1-20
Date Sampled: 6/2/00
Date Received: 6/2/00
Date Analyzed: 6/6/00
Laboratory ID: T1795-04
Matrix: Soil

Compound	Concentration (mg/Kg)	Detection Limit (mg/Kg)
TPH Gas	ND	10

SunStar Laboratories, Inc.

Analytical Report EPA 8015M

Client: Black Rock Geosciences
Project Manager: Quin Kinnebrew

Project Name
City of Desert Hot Springs

Sample ID: B-1-25
Date Sampled: 6/2/00
Date Received: 6/2/00
Date Analyzed: 6/6/00
Laboratory ID: T1795-05
Matrix: Soil

Compound	Concentration (mg/Kg)	Detection Limit (mg/Kg)
TPH Gas	ND	10

SunStar Laboratories, Inc.

Analytical Report EPA 8015M

Client: Black Rock Geosciences
Project Manager: Quin Kinnebrew

Project Name
City of Desert Hot Springs

Sample ID: B-1-30
Date Sampled: 6/2/00
Date Received: 6/2/00
Date Analyzed: 6/6/00
Laboratory ID: T1795-06
Matrix: Soil

Compound	Concentration (mg/Kg)	Detection Limit (mg/Kg)
TPH Gas	ND	10

SunStar Laboratories, Inc.
3002 Dow Ave, Ste. 406
Tustin, CA 92780
1-800-781-6777

Chain of Custody Record

Client: Black Rock Geosciences
Address: 7110 Grovewood Lane, Orange, CA 92869
Phone: 714·771·3050 Fax: 714·633·5995
Project Manager: Quin Kinnebrew

Date: 6·2·00 Page: 1 Of 1
Project Name: City of Desert Hot Springs
Collector: Quin Kinnebrew Client Project #: 4031
Batch #: T-1795 Proposal #: LA0003-0343

Sample ID	Date Sampled	Time	Sample Type	Container Type	EPA 8010	EPA 8020	EPA 8260 w/BTEX/MTBE	EPA 8270	EPA 418.1	EPA 8015M (gasoline)	EPA 8015M (diesel)	EPA 6010/7000 RCRA (8) Metals	EPA 6010/7000 Title 22 Metals				Laboratory ID #	Preservative	Comments	Total # of containers
B-1-5	6.2.00	734	Soil	Brass			X			X							01			1
B-1-10		751					X			X							02			1
B-1-15		858					X			X							03			1
B-1-20		915					X			X							04			1
B-1-25		946					X			X							05			1
B-1-30		1018					X			X							06			1

Relinquished by: (signature)	Date / Time	Received by: (signature)	Date / Time
Quin Kinnebrew	6.2.00/1100		6.2.00
Relinquished by: (signature)	Date / Time	Received by: (signature)	Date / Time
	6.2.00 1:50		6-2-00 1:50p
Relinquished by: (signature)	Date / Time	Received by: (signature)	Date / Time

Total # of containers: 6
Chain of Custody seals Y/N/NA: N
Seals intact? Y/N/NA: NA
Received good condition/cold:

Turn around time: Normal

Notes

Sample disposal Instructions: Disposal @ $2.00 each ____ Return to client ____ Pickup ____

BLACK ROCK GEOSCIENCES

ENVIRONMENTAL SERVICES

Reviewed
5/20/00
YO

May 11, 2000

Project No. 4031

To: Riverside County Department of Environmental Health
47923 Oasis Street, Suite E-4
Indio, California 92201

Attention: Ms. Linda Shurlow

Subject: Work Plan to Conduct a Soil Investigation at 65810 Hacienda Avenue, Desert Hot Springs, California.

Introduction

Black Rock Geosciences has prepared this work plan to conduct a soil investigation at the subject site (Figure 1). This work plan was prepared for the city of Desert Hot Springs in response to a fuel release at the subject site. This fuel release was encountered following the removal of the two onsite underground storage tanks (USTs) and an adjoining fuel dispenser.

In February 2000, one diesel UST, one gasoline UST, and one fuel dispenser were removed from the subject site (Figure 2). Upon their removal, soil samples were collected beneath the USTs and dispenser and analyzed for diesel, gasoline, benzene, toluene, ethylbenzene, xylenes (BTEX), and/or methyl tertiary butyl ether (MTBE). It is our understanding that elevated diesel, gasoline, BTEX and/or MTBE concentrations were not reported in the soil samples collected beneath the former USTs. Elevated gasoline, BTEX, and/or MTBE concentrations were, however, reported in a sample collected immediately beneath the fuel dispenser. The extent of the impacted soil beneath the fuel dispenser was not assessed at the time of sampling.

The purpose of this investigation is to assess the vertical extent of impacted soil beneath the former fuel dispenser. This work plan proposes sampling soil from one boring placed over the former fuel dispenser location. The following sections present our planned investigative procedures.

Field Investigation

Boring and Sample Locations - As noted above, one borings is planned for this investigation. This boring will be placed over the former fuel dispenser location (Figure 2). This boring will be sampled at five foot intervals to a depth of 45 feet below ground surface.

If evidence of impacted soil is encountered in the deepest planned sample, additional samples will be collected until the vertical extent of impacted soil has been determined. Additional borings may also be sampled if significant soil contamination is encountered in the planed boring.

7110 GROVEWOOD LANE
ORANGE, CALIFORNIA 92869

7T224006

T: (714) 771-3050
F: (714) 633-5995

Soil Collection - Soil samples will be collected using a Geoprobe assembly. At each sampling interval, soil will be collected in brass or acetate tubes. The lower tube portion will be capped on each end with Teflon tape, secured with plastic caps, and labeled with the boring identification number, sample depth, date, and time. The sealed soil samples will be placed in an ice-cooled chest for transportation to a State-certified laboratory along with a standard chain-of-custody record. Samples will arrive at the laboratory within 6 hours of collection.

Soil collected from the second lowest tube will be reviewed for classification (by a registered geologist) and the possible presence of staining and/or odor. A portion of this sample will also be placed in a sealable bag for headspace measurements. The headspace of each bag will be measured (for volatile organic compounds) using a photoionizing detector. Soil descriptions and headspace measurements will be recorded on Black Rock Geosciences' standard boring log form.

Decontamination - To minimize the potential for cross contamination, sampling equipment will be decontaminated by washing with a mild solution of liquinox, and double rinsing with tap water between each sampling interval.

Backfilling - Following drilling, the boring will be backfilled with hydrated bentonite pellets and capped at the surface with soil (existing surface).

Laboratory Analyses - Chemical analyses will be performed by a California Department of Health Services-certified laboratory. Six of the collected soil samples will be analyzed using the following test methods:

- Gasoline using EPA Method 8015;
- BTEX using EPA Method 8021; and
- MTBE using EPA Method 8021.

The six soil samples collected between 5 and 30 feet below ground surface will initially be scheduled for analyses. If elevated headspace measurements are in deeper soil samples, these samples will also be scheduled for analyses.

Data Analyses and Report Preparation

The data collected during the field investigation and the results of the chemical analyses will be used to prepare a formal report, which will include appropriate figures and tables, and a summary of findings, conclusions, and recommendations. This report will also include data collected during the removal of the former onsite fuel system (not currently available). The report will present the general horizontal and vertical extent of impacted soil (if any). If warranted, the report will also provide a remedial action plan to mitigate any impacted soil.

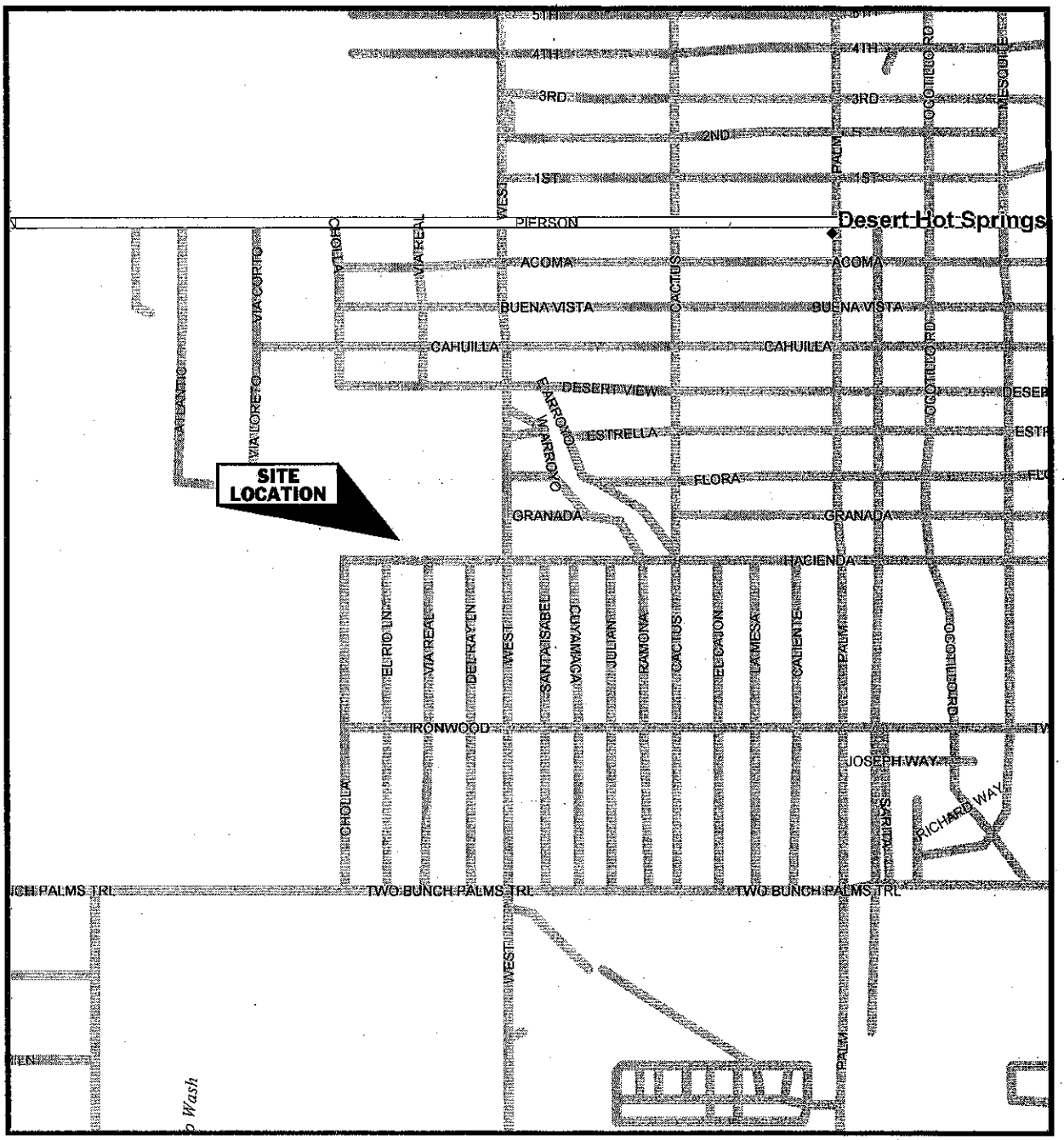
If you have any questions, comments, or require additional information regarding this work plan, please contact the undersigned at (714) 771-3050.

Respectfully submitted,

Quin Kinnebrew, CEG, REA

Attachments: Figure 1 - Site Location Map
Figure 2 - Site Plan

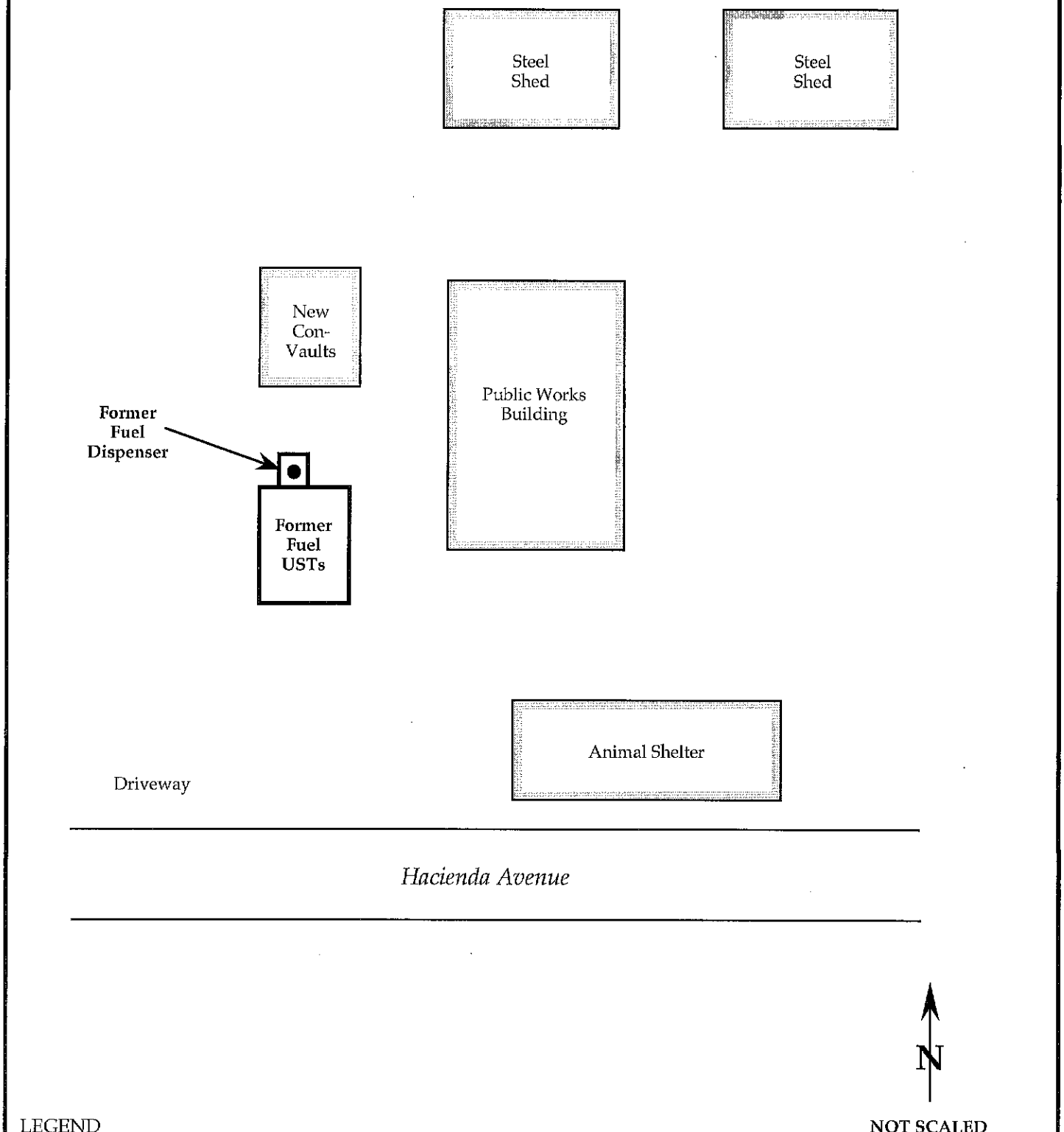
Distribution: (2) Addressee
(2) City of Desert Hot Springs
Attention: Mr. Mike Janice



Base Map: DeLorme Street Atlas

Approx. Scale:
0 0.125 0.25 miles

Black Rock Geosciences	**SITE LOCATION MAP** 65810 Hacienda Avenue, Desert Hot Springs, California	**Figure No.** **1**
Project No. 4031 Date: 05-11-00		



LEGEND

- Planned boring location (1 total).

NOT SCALED

Figure based on sketch provided by the City of Desert Hot Springs.

Black Rock Geosciences	**SITE PLAN**	**Figure No.**
Project No. 4031 Date: 05-11-00	65810 Hacienda Avenue, Desert Hot Springs, California	**2**

COUNTY OF RIVERSIDE • HEALTH SERVICES AGENCY
DEPARTMENT OF ENVIRONMENTAL HEALTH

CERTIFIED MAIL #Z 385 816 300

March 13, 2000

Site # 0016118

Mike Janis
City of Desert Hot Springs
65950 Pierson Blvd.
Desert Hot Springs CA 92240

Dear Mr. Janis:

RE: Underground Storage Tank Cleanup at Desert Hot Springs City Yard at 65810 Hacienda Ave., Desert Hot Springs

It has come to the attention of the County of Riverside, Department of Environmental Health, Hazardous Materials Management Division that an unauthorized release has occurred from the underground storage tank system at the above referenced site. The resulting soil and/or groundwater contamination must be handled accordingly.

As a responsible party, it is your responsibility under the California Code of Regulations, Title 23, Division 3, Chapter 16, Article 11 to take corrective action for the unauthorized release at the above referenced site. At this time, a subsurface investigation must be conducted to delineate the lateral and vertical extent of soil contamination and determine possible impacts to groundwater. Based on the results of this investigation, it is your responsibility to remediate the adverse effects of the unauthorized release.

Bids for work should be solicited and received from at least three companies. Please be certain that you and your contractor(s) have all appropriate licenses and permits necessary to perform this work, such as a C-57 for well drilling, County of Riverside well permits, South Coast Air Quality Management District permits, etc. Copies of these documents should be available for inspection by County personnel on request. Results of all investigations must be submitted to this office in the form of technical reports prepared by a qualified professional who is registered as an engineer or geologist in the State of California.

Prior to conducting any work at the site, a detailed workplan must be submitted and accepted by this office. Contact this office on or before April 13, 2000, to discuss the plans for the first phase of work on the site. A workplan must be received by this office on or before May 13, 2000.

7T22400006

notnew.sit 03/26/97

47-923 Oasis Street
Indio, CA 92201
Fax (760) 863-8303
(760) 863-8976

4065 County Circle Drive, Rm. 123
Riverside, CA 92503
Fax (909) 358-5017
(909) 358-5055

1370 S. State Street, #101
San Jacinto, CA 92583
Fax (909) 487-0328
(909) 791-2200

Department Web Site - www.rivcoeh.org

Site #0016118

It is also your responsibility under California Code of Regulations Title 23 Water Sections 2652(d), 2726(b) and 2727(c) to provide at a minimum, a quarterly status report to this office every three (3) months until site investigation and cleanup are complete. The status report should detail any investigative, remedial, or other action(s) taken regarding the site. The status report should include, at a minimum, information listed on the sample quarterly status report form enclosed with this letter. We suggest that you make copies of the report form for use each quarter. The quarterly status report shall be submitted within 15 days of the end of each quarter on the following schedule:

Quarter 1 - January thru March.....	Submit by April 15
Quarter 2 - April thru June.....	Submit by July 15
Quarter 3 - July thru September.....	Submit by October 15
Quarter 4 - October thru December..	Submit by January 15

Failure to provide underground quarterly status reports is a violation of Riverside County Ordinance 617.4. Violations of this ordinance can result in the issuance of a citation.

The State of California has set up the Underground Storage Tank Cleanup Fund to pay for corrective action at sites where unauthorized releases of petroleum from USTs have caused contamination of soil and/or water. Monies from this Cleanup Fund (up to $995,000) may be available to you. Please refer to the enclosed pamphlet for more information regarding the Cleanup Fund.

Copies of all correspondence submitted to this office should be sent to the California Regional Water Quality Control Board, Colorado River Region at 73720 Fred Waring Drive, Suite 1000, Palm Desert, CA 92260.

Should you have any questions concerning this matter, please contact me or James Ray at (760) 863-8976.

Sincerely,

Linda D. Shurlow, REHS
Hazardous Materials
Management Specialist III

Enclosures

cc: Abdi Haile, CRRWQCB
file

State Water Resources Control Board
Division of Clean Water Programs
UST Local Oversight Program

NOTICE OF RESPONSIBILITY

SITE #: 0016118
SITE NAME: Desert Hot Springs City Yard
ADDRESS: 65810 Hacienda Ave.
CITY/STATE/ZIP: Desert Hot Springs CA 92240

DATE FIRST REPORTED: 3/13/00
SUBSTANCE: gasoline
FEDERAL X STATE ___

RESPONSIBLE PARTY:City of Desert Hot Springs
RESPONSIBLE PARTY CONTACT:Mike Janis
ADDRESS: 65950 Pierson Blvd.
CITY/STATE/ZIP: Desert Hot Springs CA 92240

Pursuant to Section 25297.1 and 25297.15 of the Health and Safety Code, you are hereby notified that the above site has been placed in the Local Oversight Program and the individual(s) or entity(ies) shown above, or on the attached list, has(have) been identified as the party(ies) responsible for investigation and cleanup of the above site. Section 25297.15 further requires the primary or active Responsible Party to notify all current record owners of fee title before the local agency considers cleanup or site closure proposals or issues a closure letter. For purposes of implementing section 25297.15, this agency has identified the City of Desert Hot Springs as the primary or active Responsible Party. It is the responsibility of the primary or active Responsible Party to submit a letter to this agency within 20 calendar days of receipt of this notice which identifies all current record owners of fee title. It is also the responsibility of the primary or active Responsible Party to certify to the local agency that the required notifications have been made at the time a cleanup or site closure proposal is made or before the local agency makes a determination that no further action is required. If property ownership changes in the future, you must notify this local agency within 20 calendar days from when you are informed of the change.

Any action or inaction by this local agency associated with corrective action, including responsible party identification, is subject to petition to the State Water Resources Control Board. Petitions must be filed within 30 days from the date of the action/inaction. To obtain petition procedures, please FAX your request to the State Water Board at (916) 227-4349 or telephone (916) 227-4408.

Pursuant to Section 25299.37(c)(7) of the Health and Safety Code, a responsible party may request the designation of an administering agency when required to conduct corrective action. Please contact this office for further information about the site designation process.

Contract Project Director:

Signature	Telephone Number	Date
Linda D Rurlow	(760) 863-8976	3/13/00

Add: X Reason: New site
Delete: __ Reason:

COUNTY OF RIVERSIDE • HEALTH SERVICES AGENCY
DEPARTMENT OF ENVIRONMENTAL HEALTH

CERTIFIED MAIL #Z 385 816 300

March 13, 2000

Site # 0016118

Mike Janis
City of Desert Hot Springs
65950 Pierson Blvd.
Desert Hot Springs CA 92240

Dear Mr. Janis:

RE: Underground Storage Tank Cleanup at Desert Hot Springs City Yard at 65810 Hacienda Ave., Desert Hot Springs

The purpose of this letter is to inform you that County of Riverside, Department of Environmental Health, Hazardous Materials Management Division has entered into an agreement with the State of California Water Resources Control Board to oversee the cleanup and mitigation of contaminated sites resulting from the unauthorized release of hazardous substances from underground storage tanks. The cleanup of these sites is necessary to protect the groundwaters of the state from contamination and to protect the public from exposure to hazardous materials.

Enclosed you will find the Notice of Responsibility. This is formal notification concerning your responsibility for corrective action at this site.

If any of the information is incorrect, or if you should have any questions, please contact me as soon as possible at (760) 863-8976.

Sincerely,

Linda D. Shurlow, REHS
Hazardous Materials
Management Specialist III

cc: Abdi Haile, CRRWQCB
file

752240006

notnew.sit 03/26/97

47-923 Oasis Street
Indio, CA 92201
Fax (760) 863-8303
(760) 863-8976

4065 County Circle Drive, Rm. 123
Riverside, CA 92503
Fax (909) 358-5017
(909) 358-5055

1370 S. State Street, #101
San Jacinto, CA 92583
Fax (909) 487-0328
(909) 791-2200

Department Web Site - www.rivcoeh.org

UNDERGROUND STORAGE TANK UNAUTHORIZED RELEASE (LEAK) / CONTAMINATION SITE REPORT

EMERGENCY ☐ YES ☒ NO

HAS STATE OFFICE OF EMERGENCY SERVICES REPORT BEEN FILED? ☐ YES ☒ NO

REPORT DATE: 03/10/00 (M/D/Y) | CASE #: 0016118

FOR LOCAL AGENCY USE ONLY
I HEREBY CERTIFY THAT I HAVE DISTRIBUTED THIS INFORMATION ACCORDING TO THE DISTRIBUTION SHOWN ON THE INSTRUCTION SHEET ON THE BACK PAGE OF THIS FORM.
SIGNED: [signature] DATE: 3/14/00

REPORTED BY

NAME OF INDIVIDUAL FILING REPORT: Linda Shurlow
PHONE: (760) 863-8976
SIGNATURE: Linda D Shurlow

REPRESENTING: ☐ OWNER/OPERATOR ☐ REGIONAL BOARD ☒ LOCAL AGENCY ☐ OTHER
COMPANY OR AGENCY NAME: Riverside Co. Dept. Env. Health

ADDRESS: 47923 Oasis St. (STREET) Indio (CITY) CA (STATE) 92201 (ZIP)

RESPONSIBLE PARTY

NAME: City of Desert Hot Springs ☐ UNKNOWN
CONTACT PERSON: Mike Janis
PHONE: (760) 329-6411

ADDRESS: 65950 Pierson Blvd. (STREET) Desert Hot Springs (CITY) CA (STATE) 92240 (ZIP)

SITE LOCATION

FACILITY NAME (IF APPLICABLE): Desert Hot Springs City Yard
OPERATOR:
PHONE: (760) 329-2653

ADDRESS: 65810 Hacienda Ave. (STREET) DEsert Hot Springs (CITY) Riverside Co. (COUNTY) 92240 (ZIP)

CROSS STREET: Cholla

IMPLEMENTING AGENCIES

LOCAL AGENCY — AGENCY NAME: Riverside Col Dept. Env. Health
CONTACT PERSON: Linda Shurlow
PHONE: (760) 863-8976

REGIONAL BOARD: Colorado River
CONTACT PERSON: Abdi Haile
PHONE: (760) 346-7491

SUBSTANCES INVOLVED

(1) NAME: gasoline — QUANTITY LOST (GALLONS): ☒ UNKNOWN
(2) NAME: — QUANTITY LOST (GALLONS): ☐ UNKNOWN

DISCOVERY/ABATEMENT

DATE DISCOVERED: 03/10/00 (M/D/Y)
HOW DISCOVERED: ☐ TANK TEST ☐ INVENTORY CONTROL ☒ TANK REMOVAL ☐ SUBSURFACE MONITORING ☐ OTHER ☐ NUISANCE CONDITIONS

DATE DISCHARGE BEGAN: (M/M/D/D/Y/Y) ☒ UNKNOWN
HAS DISCHARGE BEEN STOPPED? ☒ YES ☐ NO IF YES, DATE 02/10/00 (M/M/D/D/Y/Y)

METHOD USED TO STOP DISCHARGE (CHECK ALL THAT APPLY)
☐ REMOVE CONTENTS ☒ CLOSE TANK & REMOVE ☐ REPAIR PIPING
☐ REPAIR TANK ☐ CLOSE TANK & FILL IN PLACE ☐ CHANGE PROCEDURE
☐ REPLACE TANK ☐ OTHER

SOURCE/CAUSE

SOURCE OF DISCHARGE: ☐ TANK LEAK ☒ UNKNOWN ☐ PIPING LEAK ☐ OTHER

CAUSE(S): ☐ OVERFILL ☐ RUPTURE/FAILURE ☐ SPILL ☐ CORROSION ☒ UNKNOWN ☐ OTHER

CASE TYPE

CHECK ONE ONLY
☐ UNDETERMINED ☒ SOIL ONLY ☐ GROUNDWATER ☐ DRINKING WATER - (CHECK ONLY IF WATER WELLS HAVE ACTUALLY BEEN AFFECTED)

CURRENT STATUS

CHECK ONE ONLY
☒ NO ACTION TAKEN ☐ PRELIMINARY SITE ASSESSMENT WORKPLAN SUBMITTED ☐ POLLUTION CHARACTERIZATION
☐ LEAK BEING CONFIRMED ☐ PRELIMINARY SITE ASSESSMENT UNDERWAY ☐ POST CLEANUP MONITORING IN PROGRESS
☐ REMEDIATION PLAN ☐ CASE CLOSED (CLEANUP COMPLETED OR UNNECESSARY) ☐ CLEANUP UNDERWAY

REMEDIAL ACTION

CHECK APPROPRIATE ACTION(S) (SEE BACK FOR DETAILS)
☐ CAP SITE (CD) ☐ EXCAVATE & DISPOSE (ED) ☐ REMOVE FREE PRODUCT (FP) ☐ ENHANCED BIO DEGRADATION (IT)
☐ CONTAINMENT BARRIER (CB) ☐ EXCAVATE & TREAT (ET) ☐ PUMP & TREAT GROUNDWATER (GT) ☐ REPLACE SUPPLY (RS)
☐ VACUUM EXTRACT (VE) ☐ NO ACTION REQUIRED (NA) ☐ TREATMENT AT HOOKUP (HU) ☐ VENT SOIL (VS)
☒ OTHER (OT) to be determined

COMMENTS

entered into LOP

HSC 05 (8/90)

FA2240006

County of Riverside
DEPARTMENT OF ENVIRONMENTAL HEALTH
P.O. BOX 7909 • RIVERSIDE, CA 92513-7909

8/9/2017

Attn: Public Works Director
65950 Pierson Blvd
Desert Hot Sprgs, CA 92240

NOTICE OF VIOLATION

FINAL NOTICE

Facility ID: FA0016879
Facility Name: City of Desert Hot Springs
Facility Address: 65810 Hacienda Ave
Desert Hot Springs, CA 92240

Our records currently indicate that your facility has failed to electronically recertify and resubmit your Hazardous Materials Business Plan (HMBP) online in the California Environmental Reporting System (CERS). This recertification and resubmission is required by California Health and Safety Code, Sections 25508 and 25508.2 and California Code of Regulations, Title 27, Section 15188. A Notice to Comply was previously sent to your facility on 6/1/2017 advising you of the requirement. This was followed with a Notice of Violation dated 7/5/2017 directing compliance.

The Riverside County Department of Environmental Health Hazardous Materials Management Branch is preparing to initiate enforcement proceedings against your facility for failing to recertify and resubmit a HMBP into CERS. California Health and Safety Code Section 25515 authorizes the Department to assess civil penalties of up to five thousand dollars ($5,000) for each day in which this violation remains uncorrected.

You are hereby ordered to immediately log in to CERS at http://cers.calepa.ca.gov and submit an updated HMBP. Assistance with the CERS system can be found online at https://cersbusiness.calepa.ca.gov/help. Your submission must be received prior to 9/8/2017 or further enforcement action will be taken.

If you have any questions regarding this Notice of Violation or if you require assistance, please contact a hazardous materials specialist at (888) 722-4234.

Sincerely,

Jeremy Gates, MISM, REHS
Enforcement Officer
Hazardous Materials Management Branch (CUPA)

County of Riverside
DEPARTMENT OF ENVIRONMENTAL HEALTH
www.rivcoeh.org

2/7/2018

Facility #: FA0016879
Account ID: AR0021982
Invoice #: IN0312968

To: City of Desert Hot Springs
c/o: Attn: Daniel Porras
65950 Pierson Blvd
Desert Hot Springs, CA 92240

INVOICE

The current Environmental Health Permit(s) under which you operate expires shortly. Applicable County ordinance requires that renewal fees for health permits be paid no later than 30 days after the applied date of the original permit fee charges. If the renewal fee is postmarked after the 30 day period, the fee must be accompanied by a 20% penalty fee. If the renewal fee is postmarked 60 days from the applied date, the fee must be accompanied by a 100% penalty fee.

Our records indicate that you operate the following facility:

City of Desert Hot Springs
65810 Hacienda Ave Desert Hot Springs, CA 92240

****Re-activated generator program****
****Pro-rated from 02/28/18 to 11/30/18****

Applied Date	PE Code	Description	Revenue Code	Amount Due
IN0312968				
02/07/2018	5201	0-10 Hazardous Waste Generator	726040	$376.00

TOTAL AMOUNT DUE: $376.00

Please note all accounts not reconciled within 60 days of the permit expiration date will be subject to further legal action including, but not limited to citations issued by this Department and account being forwarded to collections (a credit agency bureau).

PLEASE SUBMIT THIS INVOICE WITH YOUR PAYMENT. THANK YOU

Please note: Effective July 1, 2015 a 2.37% convenience fee will be charged for all credit card transactions. We accept Visa, MasterCard, Discover and Union Pay.

Check here if Change of Status [ ]
and indicate changes on the *Reverse Side* of this form.

City of Desert Hot Springs

Mail Payment to: County of Riverside
Department of Environmental Health
P. O. Box 7909
Riverside, CA 92513-7909

Amount Due: $376.00

Account ID: AR0021982

FEES ARE NON-REFUNDABLE AND NON-TRANSFERRABLE
Visit our website at WWW.RIVCOEH.ORG
For more information call (888) RC-CHA-EH * (888) 722-4234

COUNTY OF RIVERSIDE • COMMUNITY HEALTH AGENCY
DEPARTMENT OF ENVIRONMENTAL HEALTH

Certified Unified Program Agency

HAZARDOUS MATERIALS MANAGEMENT PERMIT

NON-TRANSFERABLE

Owner: Attn: Bill Bryant
DBA: City of Desert Hot Springs
Mailing Address: 65950 Pierson Blvd
City and State: Desert Hot Sprgs, CA 92240

EPA ID#:
Facility Number: 82951
Expiration Date: 11/28/2007

Area: 3 District: 5

Type of Business: Hazardous Materials Facility

Facility Location: 65810 Hacienda Ave
City: Desert Hot Sprgs

Hazardous Materials Disclosure -- County Ordinance No. 651

Wednesday, November 01, 2006
Date Issued

Gary L. Root, Director
Department of Environmental Health

This permit is granted for the business indicated on the condition that the business will comply with the laws, ordinances, and regulations that are now or may hereafter be in force by the United States Government, the State of California and the County of Riverside pertaining to the above mentioned business. This permit serves as a receipt for payment of fees for the above-listed programs. **This permit must be renewed on or before the Expiration Date indicated above. This permit may be suspended or revoked for cause. Inspection of this business may be conducted by a duly authorized representative of the Department of Environmental Health.**

Western County Office
4065 County Circle Dr.
Riverside, CA 92503
(951) 358-5055

Corona Office
2275 S. Main Street #204
Corona, CA 92882
(951) 273-9143

Desert County Office
47950 Arabia Street, Suite A
Indio, CA 92201
(760) 863-8976

South County Office
800 S. Sanderson
Hemet, CA 92545
(951) 766-6524

POST IN A CONSPICUOUS PLACE

County of Riverside
DEPARTMENT OF ENVIRONMENTAL HEALTH
P.O. BOX 7909 • RIVERSIDE, CA 92513-7909
STEVE VAN STOCKUM, DIRECTOR

Protecting People and the Environment

FILE

City of Desert Hot Springs
65810 Hacienda Ave.
Desert Hot Springs

5/16/19

Return to Compliance
Small Quantity Generator Inspection Report (Inspection date: 1/24/18)
PR0020525; FA16879; CERS 10317994

#2 (3030010) SQG: Time Exceeded for Hazardous Waste Conditional Accumulation 180 Days.

Operator provided bill of lading/manifest dated 1/7/19 showing the hazardous waste onsite has been picked up by disposed in an approved manner.

#1 (3030030) Maintained to minimize the possibility of fire, explosion or release; #12 (3030017) SQG: Containers stored closed.

Owner/operator provided pictures of hazardous waste drums securely closed and labeled.

These three violations have been corrected. N. Hosamane

County of Riverside Department of Environmental Health

Certified Unified Program Agency
PO Box 7909, Riverside, CA 92513
Phone: (951) 358-5055

Small Quantity Generator of Hazardous Waste Inspection Report

Facility Name: CITY OF DESERT HOT SPRINGS	Contact Name: DANIEL PORRAS	Inspection Date: 1/25/18	
Address: 65810 HACIENDA AVE DHS	Telephone: (760) 329-6411	Permit # PR0020525	
Inspector Name: ALLEN HUERTA	Number of Employees: 0-10	Inspection Type: ☑ Routine ☐ Reinspection	EPA ID: CAL000218551

Violations checked below are for section(s) of California Health & Safety Code (HSC), California Code of Regulations (CCR), Code of Federal Regulations (CFR), or Riverside County Ordinance (RCO) indicated in italics. Items checked "Y" are in compliance. Items checked "N" are violations and must be corrected. "N/A" is not applicable.

Y	N	VIOL #	VIOLATION DESCRIPTION
Hazardous Waste Storage			
☑	☐	3030030	Maintained to minimize the possibility of fire, explosion or release. *22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(4), 265.31*
☑	☐	3030009	Accumulation time less than 180 days after 100kg (>1kg for AHW). *22 CCR 66262.34(b)(1); HSC 25123.3(c)*
☐	☒	3030010	Accumulation time not >180 days. *22 CCR 66262.34(d), 40 CFR 262.34(e) & (f)*
☐	☒	3030057	Satellite accumulation requirements met. *22 CCR 66262.34(e)*
☑	☐	3030022	Separation of incompatible materials. *22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(2), 265.177*
☐	☒	attached	Universal waste. *See attached supplemental report, 22 CCR 66273 et seq*
Container Management			
☑	☐	3030015	Container compatibility. *22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(2), 265.172*
☑	☐	3030007	Container labeling. *22 CCR 66262.34(f)*
☑	☐	3030019	Weekly inspections. *22 CCR 66262.34(d)(2), 40 CFR 262.34(d)(2), 265.174*
☑	☐	3030013	Container condition. *22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(2), 265.171*
☐	☒	3030017	Containers stored closed. *22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(2), 265.173*
☑	☐	3030036	Aisle space maintained. *22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(4), 265.35*
Waste Tank Systems			
☐	☐	3030025	Overfill protection device provided for continuously fed tank. *22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(3), 265.201(b)(4)*
☐	☐	3030027	Daily inspections completed of discharge systems and level of waste. *22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(3), 265.201(c)(1)-(c)(3)*
☐	☐	3030028	Weekly inspections completed of fixtures and surrounding area. *22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(3), 265.201(c)(4)-(c)(5)*
☐	☐	3050007	Removal of waste from closed facility tank systems. *22 CCR 66262.34(d)(2) 67383.3; 40 CFR 262.34(d)(3), 265.201(f)*
☐	☐	3030024	2 feet of freeboard maintained for uncovered tanks. *22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(3), 265.201(b)(3)*
Preparedness and Prevention			
☑	☐	3030032	Emergency equipment & communication available. *22 CCR 66262.34(d)(2); 40 CFR 265.32*
☑	☐	3030034	Emergency equipment maintained. *22 CCR 66262.34(d)(2); 40 CFR 265.33*
☑	☐	3030039	Emergency coordinator available onsite. *22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(5)(i)*
☑	☐	3010022	Emergency response procedures/contacts posted. *22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(5)(ii)*
Recyclable Materials			
☐	☒	3010016	Recyclable Materials Report provided. *HSC 25143.10*
☐	☒	3030001	Generator of ≤10 lead acid batteries recycles. *22 CCR 66266.81(a)(1)*
☐	☒	3030002	Receives and stores lead acid batteries. *22 CCR 66266.81(a)(3)*
☐	☒	3030003	Damaged lead acid battery storage/labeling. *22 CCR 66266.81(b)*
☑	☐	3030004	Used oil and/or fuel filter storage. *22 CCR 66266.130; HSC 25250.22*
☑	☐	3050004	Contaminated used oil managed as hazardous waste. *HSC 25250.7*
☐	☒	3050005	Excluded recyclable materials. *HSC 25143.2; HSC 25143.9*
☑	☐	246	Latex/oil based paint properly disposed of. *HSC 25217.1*
☐	☒	attached	Certified Appliance Recycler requirements met. *HSC 25211-25214*

Y	N	VIOL #	VIOLATION DESCRIPTION
General Hazardous Waste Requirements			
☑	☐	200	Access for inspection. *HSC 25185(a), HSC 25195*
☑	☐	223	Active hazardous waste generator permit. *RCO 615*
☑	☐	3010002	Active EPA ID number. *22 CCR 66262.12*
☑	☐	3030005	Waste determination made and documented. *22 CCR 66262.11, 66262.40(c)*
☑	☐	3030006	LDR determination made. *22 CCR 66268.7(a)*
☑	☐	3050002	Disposed/treated at an authorized location. *HSC 25189.5(a)*
☑	☐	3020001	Employee training. *22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(5)(iii)*
Manifest Review			
☑	☐	3050001	Registered hauler used for transportation. *22 CCR 66263.41; HSC 25163(a)*
☑	☐	3010007	Manifests prepared for transport of hazardous waste. *22 CCR 66262.20*
☑	☐	3010008	Manifests properly completed. *22 CCR 66262.23(a)*
☑	☐	3010010	Manifests maintained for 3 years. *22 CCR 66262.40(a)*
☑	☐	3010013	Consolidated manifest procedures. *22 CCR 66262.40(a); HSC 25160.2*
☐	☒	3010014	Lead acid battery records retained for 3 years. *22 CCR 66266.81(a)(4)(B)*
☑	☐	3010015	Used oil disposal documentation retained for 3 years. *HSC 25250.19(c)*
☐	☒	3010030	Manifest Exception reports. *22 CCR 66262.42*
Other Waste Violations			
☑	☐	3030054	Contaminated rags. *HSC 25144.6*
☐	☒	attached	Other violations observed. *See attached supplemental report*

☐ No violations observed during inspection

☒ This report shall serve as a notice to comply for minor violations and a notice of violation for all other violations. In accordance with HSC 25187.8(d), minor violations corrected while the inspector was onsite and documented on the attached supplemental report as "corrected on site" are deemed to be in compliance.

You are hereby ordered to correct all noted violations within 30 days, or according to individual correction summaries provided, whichever is less.

Agent Signature: _____

Agent Name: Scott Wiley

Agent Title: Public Works Supervisor

Inspector Signature: _____

County of Riverside Department of Environmental Health
Certified Unified Program Agency
PO Box 7909, Riverside, CA 92513
Phone: (951) 358-5055

Supplemental Inspection Report

Protecting People and the Environment

Facility Name: CITY OF DESERT HOT SPRINGS	Permit #: PR00	Date: 1/24/18
Address: 65810 HACIENDA AVE DESERT HOT SPRINGS		
RE: HAZARDOUS WASTE GENERATOR		

Remarks:

FACILITY IS A MAINTENANCE YARD GENERATING USED OIL, FILTERS, MISC. WASTE PICKED UP FROM CITY STREETS.

(3030010) HAZARDOUS WASTE DRUMS ON SITE HAVE BEEN STORED BEYOND REQUIRED ACCUMULATION TIME AND REQUIRE DISPOSAL. OWNER/OPERATOR SHALL HAVE ACCUMULATION DATES NOT EXCEED 7/180 DAYS.

(3030031, 3030017) OBSERVED OPEN CONTAINERS OF USED OIL STORED IN HAZARDOUS WASTE AREA. OWNER/OPERATOR SHALL PROPERLY STORE/LABEL ALL HAZARDOUS WASTE CONTAINERS.

NOTE: ENSURE ALL SECONDARY CONTAINMENT DRAINS/VALVES ARE MAINTAINED SEALED/CLOSED UNTIL INSPECTED BY FACILITY.

Agent Signature: [signature] Agent Title: PW SUPERVISOR

Agent Name: SCOTT WITTIG Specialist: ALLEN HUERTA

Certified Unified Program Agency
County of Riverside Community Health Agency
Department of Environmental Health Hazardous Materials Management Division
Hazardous Waste Generator Inspection Report

Facility Name: City Desert Hot Springs Date 10/10/06

Address: 65810 Hacienda Ave Inspection: Routine [ ] Reinspection [X]

City Desert Hot Springs Zip Code: 92240 Facility #: 829511 Type of Generator: ☐ LQG ☐ SQG ☒ <100 kg/mo

Contact Person: Bill Bryant # of Employees 97 6 Telephone: 760 329 6411

Riverside County Code, Title 8.60 (Ordinance 615.3) **California Code of Regulations Title 22** **Health & Safety Code Chapter 6.5**

Items marked "Y" (Yes) are in compliance. Items marked "N" (No) are violations and must be corrected as outlined in the inspection report. N/A is not applicable or unable to verify.

Hazardous Waste Storage	Y	N	N/A
200. Access for Inspection H&SC 25185, 25195			✓
201. Maintained and Operated to Minimize the Possibility of Fire, Explosion, or Release CCR 66265.31, 66262.34(d), H&SC 25123.3(h)(1)			✓
202. Accumulation Time CCR 66262.34(a)(c), 66262.34(d), H&SC 25123.3(h)(1)			✓
203. Satellite Accumulation CCR 66262.34(e)			✓
204. Separation of Incompatible Materials CCR 66265.177, 66262.34(d), H&SC 25123.3(h)(1)			✓
Containers			
205. Compatibility of Waste with Container CCR 66265.172, 66262.34(d), H&SC 25123.3(h)(1)	✓		
206. Container Marking and Labeling CCR 66262.34(a)(2), 66262.34(a)(3), 66262.34(f), 66261.7(f) H&SC 25124(b)(3)(1)			✓
207. Weekly Inspections CCR 66265.174, 66262.34(d), H&SC 25123.3(h)(1)			✓
208. Container Condition CCR 66265.171, 66262.34(d), H&SC 25123.3(h)(1)			✓
209. Containers Not Leaking CCR 66265.173(b), 66262.34(d), H&SC 25123.3(h)(1)			✓
210. Containers Closed CCR 66265.173(a), 66262.34(d), H&SC 25123.3(h)(1)			✓
211. Ignitable or Reactive Wastes Stored at Least 50ft. from Property Line CCR 66265.176, 66262.34(d), H&SC 25123.3(h)(1)			✓
212. Aisle Space CCR 66265.35, 66262.34(d), H&SC 25123.3(h)(1)			✓
Aboveground Hazardous Waste Tank Systems			
213. Containment of and Detection of Leaks CCR 66265.193			✓
214. Waste Tank Standards CCR 66265.194, 66262.34(d), H&SC 25123.3(h)(1)			✓
215. Inspection of Aboveground Hazardous Waste Tanks CCR 66265.195, 66262.34(d), H&SC 25123.3(h)(1)			✓
216. Leaks, Spills, or Unfit ASTs CCR 66265.196-197, 66262.34(d)			✓
Preparedness, Prevention and Contingency Planning			
218. Required Fire, Spill & Decontamination Equipment CCR 66265.32(c), 66262.34(d). H&SC 25123.3(h)(1)			✓
219. Testing and Maintenance of Equipment CCR 66265.33, 66262.34(d), H&SC 25123.3(h)(1)			✓
220. Access to Communications or Alarms CCR 66265.34, 66262.34(d)			✓
221. Evacuation Plan CCR 66265.52			✓
223. Emergency Coordinator Listed CCR 66265.55, 66262.34(d)			✓
224. Emergency Response Procedures CCR 66265.51-53, 66262.34(d)			✓

General Hazardous Waste Requirements	Y	N	N/A
225. Hazardous Waste Generator Permit Fees RCC Title 8.60			✓
226. EPA ID Number CA CCR 66262.12(a)			✓
227. Hazardous Waste Determination CCR 66262.11, 66260.200(c)			✓
228. Disposed/Treated at an Authorized Location H&SC 25189.5(a), 25189.5(d), 25250.5(a), 25217.1, CCR 66268.3(a)			✓
229. Treatment/Storage/Transfer/Disposal Permit H&SC 25201(a), CCR 66270.1			✓
230. Recycling Plan Complete and Reported H&SC 25143.10			✓
231. Excluded Recyclable Materials H&SC 25143.2			✓
Records Review			
232. Manifest Requirements/Consolidated Manifest CCR 66262.40, 66262.20, 66262.23, 66268.7(a), H&SC 25160.2, 25250.18		✓	
233. Manifest Exception Reports CCR 66262.42			✓
234. Personnel Training CCR 66265.16, 66262.34(d), H&SC 25123.3(h)(1)		✓	
235. Waste Analysis CCR 66262.40(c)			✓
236. Hazardous Waste Source Reduction & Management Plan CCR 67100.1-67100.11			✓
237. Biennial Reports CCR 66262.41			✓
Transportation			
238. Use of a Registered Transporter of Hazardous Waste H&SC 25163(a), CCR 66262.12(c)		✓	
Miscellaneous			
241. Used Oil Not Contaminated with Hazardous Waste H&SC 25250.7			✓
242. Used Oil and/or Fuel Filters CCR 66266.130, H&SC 25250.22	✓		
243. Batteries Properly Managed CCR 66266.81	✓		
244. Universal Waste CCR 66273 a. Conditionally Exempt Small Quantity Universal Waste Generator Requirements			✓
b. Small Quantity Universal Waste Handler (see attached report)			✓
c. Large Quantity Universal Waste Handler (see attached report)			✓
245. Contaminated Rags H&SC 25144.6			✓
246. Silver Only Waste H&SC 25143.13			✓
247. Other:			

The above violations shall be corrected within 14 days.

Specialist: John Riddell

Received by: Dan Wall

Print Name:

Title:

Riverside Office (951) 358-5055, P.O. Box 7489, Riverside, CA 92513-7489
Indio Office (760) 863-8976, 47-950 Arabia Street, Ste. A, Indio, CA 92201
Hemet Office (951) 766-6524, 800 S. Sanderson Avenue, Ste. 102, Hemet, CA 92545
Corona Office (951) 273-9143, 2275 S. Main Street, Ste. 204, Corona, CA 92882

ENTERED 11-16-06

Distribution: WHITE-Office CANARY-Owner/Operator PINK-Box

Certified Unified Program Agency
County of Riverside Community Health Agency
Department of Environmental Health
Hazardous Materials Management Division

Page ___ of ___ pages

SUPPLEMENTAL REPORT

Reference Date 10/10/05

Name City Desert Hot Springs

Address 65810 Hacienda Ave DHS

Re: Generator - Reinspect Facility # 52451

Remarks:

232 238) You are overdue to have your used oil and filters picked up. Use a licensed Haz waste hauler. Make sure you keep a copy of waste manifest on file available for review.

Provide copy of your new EPA ID number.

Clean water from your secondary containment area.

New Contact Scott Withy 329 6411 x 355

Specialist John Riddell

Received By

DEH-HEH-002 (rev 5/02) HMHC 2002

white-specialist; yellow-operator; pink-file

Certified Unified Program Agency
Department of Environmental Health
Hazardous Materials Management Division
Hazardous Waste Generator Report Form

Page 1 of

Facility Name: City Desert Hot Springs
Address: 65810 Hacienda Ave
City: Desert Hot Springs
Contact Person: Bill Bryant

Date: 7/19/06
Inspection Routine [ ] Re-inspection [X]
Facility #: 82951
Zip Code: 92240
Number of Employees: 13
Telephone: 760 324 6411

Health & Safety Code, Chapter 6.5 — California Code of Regulations, Title 22 — Riverside County Code, Title 8.60 (Ordinance 615.3)
C=Compliance, Viol. Type=Violation Type, N/A= Non-Applicable

Hazardous Waste Storage	C Yes	C No	Viol Type	N/A
200. H&SC 225195 Access for Inspection	✓			✓
201. 22 CCR 66265.31 Maintained and Operated to Minimize the Possibility of Fire, Explosion, or Release				✓
202. 22 CCR 66262.34 Accumulation Time				✓
203. 22 CCR 66262.34 (e) Satellite Accumulation				✓
204. 22CCR 66262.34 (d) (2), 66262.34 (a) (1), 66265.177 Separation of Incompatible Materials				✓
Containers				
205. 22CCR 66262.34 (d) (2), 66262.34 (a) (1), 66265.172 Compatibility of Waste with Container				✓
206. 22CCR 66262.34 (d) (2), 66262.34 (a) (2), 66262.34 (f) Container Marking and Labeling				✓
207. 22CCR 66262.34 (d) (2), 66262.34 (a) (1), 66265.174 Weekly Inspections				✓
208. 22CCR 66262.34 (d) (2), 66262.34 (a) (1), 66265.171 Container Condition				✓
209. 22CCR 66262.173 (b) Containers Not Leaking				✓
210. 22CCR 66262.34 (d) (2), 66262.34 (a) (1), 66265.173 (a) Management of Containers (Stored Closed)				✓
211. 22CCR 66265.176, 66262.34 (a) (1) Ignitable or Reactive Wastes Stored At Least 50 ft From Property line				✓
212. 22CCR 66262.34 (d) (2), 66262.34 (a) (3), 66265.35 Aisle Space				✓
Aboveground Hazardous Waste Tank Systems				
213. 22CCR 66265.193 Containment of and Detection of Leaks				✓
214. 22CCR 66265.194 Aboveground Tanks Holding Hazardous Waste Operating Requirements				✓
215. 22CCR 662265.195 Inspection of Aboveground Tanks Containing Hazardous Waste				✓
216. 22 CCR 66265.196 Leaks, Spills, or Unfit AST's				✓
217. H&SC 25270.5(c) Spill Prevention Control and Counter-measure Plan Complete [Referral to RWQCB If No Plan]				✓
Preparedness, Prevention and Contingency Planning				
218. 22CCR 66262.34 (d) (2), 66262.34 (a) (3), 66265.32 Required Fire, Spill, & Decontamination Equipment				✓
219. 22CCR 66262.34 (d) (2), 66262.34 (a) (3), 66265.33 Testing and Maintenance Fire, Spill, & Decontamination of Equipment				✓
220. 22CCR 66262.34 (d) (2), 66262.34 (a) (3), 66265.34 Access to Communications or Alarms				✓
221. 22CCR 66262.34 (d) Evacuation Plan				✓
222. 22CCR 66262.34 (d) (2), 66262.34 (a) (3), 66265.37, 66265.56, 66265.52 (f), 66265.55 Arrangements with Local Authorities				✓
223. 22CCR 66262.34 (d) Emergency Coordinator Listed				✓
224. 66262.34 (a) (3), 66265.52 Emergency Response Procedures				

General Hazardous Waste Requirements	C Yes	C No	Viol Type	N/A
225. Riverside County Code, Title 8.60 (Ord. 615.3) Hazardous Waste Generator Permit Fees	✓			
226. 22CCR 66262.12 (a) EPA ID Number CA [illegible] 215551	✓			
227. 22CCR 66262.11 Hazardous Waste Determination				✓
228. H&SC 25189.5(a) Disposed Treated at an Authorized Location		✓		
229. H&SC 25201 (a), 22CCR 66270.1 Treatment Storage/Transfer Disposal Permit				✓
230. H&SC 25143.10 Recycling Plan Complete and Reported				✓
231. H&SC 25143.2 Excluded Recyclable Materials				✓
Records Review				
232. H&SC 25160.2, 22CCR 66262.20-66262.23 General Manifesting Requirements		✓		
233. 22CCR66262.42 Manifesting Exception Reports				✓
234. 22CCR 66262.16, 66262.34 (a) (3) Personnel Training & Training Documents Maintained & Available		✓		
235. 22CCR66268.7 Waste Analysis				✓
236. 22CCR 67100.1-67100.11 Hazardous Waste Source Reduction & Management Review (Waste Minimization)				✓
237. 22CCR 66262.41 Biennial Reports				✓
Transportation				
238. H&SC 25163 (a), 22CCR 66262.10 Use of a Registered Transporter of Hazardous Waste		✓		
Management of Used Oil, Oil Filters & Batteries				
239. H&SC 25250.4 Used Oil Managed Properly		✓		✓
240. H&SC 25160.2 Used Oil Shipment Record Keeping		✓		
241. H&SC 25250.7 Used Oil Not Contaminated with Hazardous Waste				✓
242. 22CCR 66266.130 Used Oil Filters		✓		
243. 22CCR 66266.81 Batteries Properly Managed		✓		✓
Universal Waste				
244. 40 CFR 273, 22 CCR 66273 Universal Waste Fluorescent tubes, batteries, and mercury switches				✓
Specific Materials				
245. H&SC 25144.6 Contaminated Rags				✓
246. H&SC 25143.13, 40 CFR 261 Silver Only Waste				✓
247. Other:				

The above mentioned violations shall be corrected within ____days

Specialist: John Riddell
Received By:
Print Name:
Title:

DEHHEH-022 Rev 7/2002
Offices:
Indio (760) 863-8976 47-923 Oasis Rd Rm E4 Indio, CA 92201
Hemet (909) 766-6524 800 S. Sanderson Ave Hemet, CA 92545
Distribution: White-Office, Canary-Owner/Operator, Pink-Specialist
Murrieta (909) 461-0634 38740 Sky Canyon Dr Murrieta, CA 92563
Riverside (909) 358-5055 4065 County Circle Dr Riverside, CA 92503

ENTERED
08-10-06
jmontez

Certified Unified Program Agency
County of Riverside Community Health Agency
Department of Environmental Health
Hazardous Materials Management Division

Page ___ of ___ pages

SUPPLEMENTAL REPORT

Reference Date 7/14/06

Name City Desert Hot Springs

Address 65810 Hacienda Ave DHS

Re: Generator - Reinspect Facility # 81931

Remarks:

228, 232, 238 240) You are required to have used oil & filters picked up. Have waste hauled by a licensed haz waste hauler When waste is removed keep a copy of waste manifest on file available for review.

234) Document training.

239) There is a bucket of oil located next to waste drums. The bucket is open. Store closed or pour used oil into drum and store drum closed.

242) There ~~are~~ are two open buckets of used oil filters located next to used oil drums. Store used filters in a sealable container labeled used oil filters.

243) You have too many used batteries stored at facility. Properly dispose of batteries

* The new Jiffy Lube on Palm Drive does not currently have approved used oil tanks. Please notify this agency if facility attempts to install new/used oil tanks.

Specialist John Rebell Received By

DEH-HEH-002 (rev 5/02) HMHC 2002

white-specialist; yellow-operator, pink-file

Certified Unified Program Agency
Department of Environmental Health
Hazardous Materials Management Division
Hazardous Waste Generator Report Form

Facility Name: City Desert Hot Springs
Address: 65310 Hacienda Ave
City: Desert Hot Springs
Contact Person: Bill Bryant
Zip Code: 92240
Number of Employees: 13
Date: 01/11/06
Inspection Routine [ ] Re-inspection [X]
Facility #: 52951
Telephone: 760 329 6411

Health & Safety Code, Chapter 6.5 | California Code of Regulations, Title 22 | Riverside County Code, Title 8.60 (Ordinance 615.3)
C=Compliance, Viol. Type=Violation Type, N/A= Non-Applicable

Hazardous Waste Storage	C Yes	C No	Viol Type	N/A
200. H&SC 225195 Access for Inspection				✓
201. 22 CCR 66265.31 Maintained and Operated to Minimize the Possibility of Fire, Explosion, or Release	✓			
202. 22 CCR 66262.34 Accumulation Time				
203. 22 CCR 66262.34 (e) Satellite Accumulation				✓
204. 22CCR 66262.34 (d) (2), 66262.34 (a) (1), 66265.177 Separation of Incompatible Materials				✓
Containers				
205. 22CCR 66262.34 (d) (2), 66262.34 (a) (1), 66265.172 Compatibility of Waste with Container				✓
206. 22CCR 66262.34 (d) (2), 66262.34 (a) (2), 66262.34 (f) Container Marking and Labeling	✓			
207. 22CCR 66262.34 (d) (2), 66262.34 (a) (1), 66265.174 Weekly Inspections				✓
208. 22CCR 66262.34 (d) (2), 66262.34 (a) (1), 66265.171 Container Condition				✓
209. 22CCR 66262.173 (b) Containers Not Leaking				✓
210. 22CCR 66262.34 (d) (2), 66262.34 (a) (1), 66265.173 (a) Management of Containers (Stored Closed)	✓			
211. 22CCR 66265.176, 66262.34 (a) (1) Ignitable or Reactive Wastes Stored At Least 50 ft From Property line				✓
212. 22CCR 66262.34 (d) (2), 66262.34 (a) (3), 66265.35 Aisle Space				✓
Aboveground Hazardous Waste Tank Systems				
213. 22CCR 66265.193 Containment of and Detection of Leaks				✓
214. 22CCR 66265.194 Aboveground Tanks Holding Hazardous Waste Operating Requirements				✓
215. 22CCR 662265.195 Inspection of Aboveground Tanks Containing Hazardous Waste				✓
216. 22 CCR 66265.196 Leaks, Spills, or Unfit AST's				✓
217. H&SC 25270.5(c) Spill Prevention Control and Counter-measure Plan Complete [Referral to RWQCB If No Plan]				✓
Preparedness, Prevention and Contingency Planning				
218. 22CCR 66262.34 (d) (2), 66262.34 (a) (3), 66265.32 Required Fire, Spill, & Decontamination Equipment				✓
219. 22CCR 66262.34 (d) (2), 66262.34 (a) (3), 66265.33 Testing and Maintenance Fire, Spill, & Decontamination of Equipment				✓
220. 22CCR 66262.34 (d) (2), 66262.34 (a) (3), 66265.34 Access to Communications or Alarms				✓
221. 22CCR 66262.34 (d) Evacuation Plan				✓
222. 22CCR 66262.34 (d) (2), 66262.34 (a) (3), 66265.37, 66265.56, 66265.52 (f), 66265.55 Arrangements with Local Authorities				✓
223. 22CCR 66262.34 (d) Emergency Coordinator Listed				✓
224. 66262.34 (a) (3), 66265.52 Emergency Response Procedures				✓

General Hazardous Waste Requirements	C Yes	C No	Viol Type	N/A
225. Riverside County Code Title 8.60 (Ord. 615.3) Hazardous Waste Generator Permit Fees		✓		
226. 22CCR 66262.12 (a) EPA ID Number CA		✓		
227. 22CCR 66262.11 Hazardous Waste Determination				✓
228. H&SC 25189.5(a) Disposed Treated at an Authorized Location		✓		
229. H&SC 25201 (a), 22CCR 66270.1 Treatment/Storage/Transfer/Disposal Permit				✓
230. H&SC 25143.10 Recycling Plan Complete and Reported				✓
231. H&SC 25143.2 Excluded Recyclable Materials				✓
Records Review				
232. H&SC 25160.2, 22CCR 66262.20-66262.23 General Manifesting Requirements		✓		
233. 22CCR66262.42 Manifesting Exception Reports				✓
234. 22CCR 66262.16, 66262.34 (a) (3) Personnel Training & Training Documents Maintained & Available		✓		
235. 22CCR66268.7 Waste Analysis				✓
236. 22CCR 67100.1-67100.11 Hazardous Waste Source Reduction & Management Review (Waste Minimization)				✓
237. 22CCR 66262.41 Biennial Reports				✓
Transportation				
238. H&SC 25163 (a), 22CCR 66262.10 Use of a Registered Transporter of Hazardous Waste		✓		
Management of Used Oil, Oil Filters & Batteries				
239. H&SC 25250.4 Used Oil Managed Properly	✓			
240. H&SC 25160.2 Used Oil Shipment Record Keeping		✓		
241. H&SC 25250.7 Used Oil Not Contaminated with Hazardous Waste				✓
242. 22CCR 66266.130 Used Oil Filters		✓		—
243. 22CCR 66266.81 Batteries Properly Managed				✓
Universal Waste				
244. 40 CFR 273, 22 CCR 66273 Universal Waste Fluorescent tubes, batteries, and mercury switches				✓
Specific Materials				
245. H&SC 25144.6 Contaminated Rags				✓
246. H&SC 25143.13, 40 CFR 261 Silver Only Waste				✓
247. Other				

ENTERED 1/11/06 yp

The above mentioned violations shall be corrected within ___ days

Specialist: John Riddell
Received By:
Print Name:
Title:

DEHHEH-022 Rev 7/2002
Offices:
Indio (760) 863-8976 47-923 Oasis Rd Rm E4 Indio, CA 92201
Hemet (909) 766-6524 800 S. Sanderson Ave Hemet CA 92545
Distribution: White-Office, Canary-Owner/Operator, Pink-Specialist
Murrieta (909) 461-0634 38740 Sky Canyon Dr Murrieta, CA 92563
Riverside (909) 358-5055 4065 County Circle Dr Riverside, CA 92503

Certified Unified Program Agency
County of Riverside Community Health Agency
Department of Environmental Health
Hazardous Materials Management Division

Page ____ of ____ pages

SUPPLEMENTAL REPORT

Reference Date 12/12/05

Name City Desert Hot Springs

Address 65810 Hacienda Ave DHS

Re: Generator Reinspect Facility # 529751

Remarks:

225) Pay permit invoice when you receive it.

226) Obtain an EPA ID number & mail completed application to DTSC.

228, 232, 238, 240) You need to have your used oil picked up. Keep copy of waste manifest on file available for review when waste is removed

242) There are two buckets of used filters next to your oil drums. Used filters need to be stored in a sealable container labeled 'USED FILTERS'

Specialist John Riddell Received By

DEH-HEH-002 (rev 5/02) HMHC 2002

white-specialist; yellow-operator, pink-file

Certified Unified Program Agency
Department of Environmental Health
Hazardous Materials Management Division
Hazardous Waste Generator Report Form

Facility Name: City Desert Hot Springs
Address: 65810 Hacienda Ave
City: Desert Hot Springs Zip Code: 92240
Contact Person: O. II Bryant Number of Employees: 13

Date: 10/6/05
Inspection Routine [X] Re-inspection [ ]
Facility #:
Telephone: 760 329 6411

Health & Safety Code, Chapter 6.5 | California Code of Regulations, Title 22 | Riverside County Code, Title 8.60 (Ordinance 615.3)
C=Compliance, Viol. Type=Violation Type. N/A= Non-Applicable

Hazardous Waste Storage	C Yes	C No	Viol Type	N/A
200. H&SC 225195 Access for Inspection	✓			
201. 22 CCR 66265.31 Maintained and Operated to Minimize the Possibility of Fire, Explosion, or Release		✓		
202. 22 CCR 66262.34 Accumulation Time		✓		
203. 22 CCR 66262.34 (e) Satellite Accumulation				✓
204. 22CCR 66262.34 (d) (2), 66262.34 (a) (1), 66265.177 Separation of Incompatible Materials	✓			
Containers				
205. 22CCR 66262.34 (d) (2), 66262.34 (a) (1), 66265.172 Compatibility of Waste with Container	✓			
206. 22CCR 66262.34 (d) (2), 66262.34 (a) (2), 66262.34 (f) Container Marking and Labeling		✓		
207. 22CCR 66262.34 (d) (2), 66262.34 (a) (1), 66265.174 Weekly Inspections	✓			
208. 22CCR 66262.34 (d) (2), 66262.34 (a) (1), 66265.171 Container Condition	✓			
209. 22CCR 66262.173 (b) Containers Not Leaking	✓			
210. 22CCR 66262.34 (d) (2), 66262.34 (a) (1), 66265.173 (a) Management of Containers (Stored Closed)		✓		
211. 22CCR 66265.176, 66262.34 (a) (1) Ignitable or Reactive Wastes Stored At Least 50 ft From Property line	✓			
212. 22CCR 66262.34 (d) (2), 66262.34 (a) (3), 66265.35 Aisle Space	✓			
Aboveground Hazardous Waste Tank Systems				
213. 22CCR 66265.193 Containment of and Detection of Leaks				✓
214. 22CCR 66265.194 Aboveground Tanks Holding Hazardous Waste Operating Requirements				✓
215. 22CCR 662265.195 Inspection of Aboveground Tanks Containing Hazardous Waste				✓
216. 22 CCR 66265.196 Leaks, Spills, or Unfit AST's				✓
217. H&SC 25270.5(c) Spill Prevention Control and Counter-measure Plan Complete [Referral to RWQCB If No Plan]				✓
Preparedness, Prevention and Contingency Planning				
218. 22CCR 66262.34 (d) (2), 66262.34 (a) (3), 66265.32 Required Fire, Spill, & Decontamination Equipment	✓			
219. 22CCR 66262.34 (d) (2), 66262.34 (a) (3), 66265.33 Testing and Maintenance Fire, Spill, & Decontamination of Equipment	✓			
220. 22CCR 66262.34 (d) (2), 66262.34 (a) (3), 66265.34 Access to Communications or Alarms	✓			
221. 22CCR 66262.34 (d) Evacuation Plan	✓			
222. 22CCR 66262.34 (d) (2), 66262.34 (a) (3), 66265.37, 66265.56, 66265.52 (f), 66265.55 Arrangements with Local Authorities	✓			
223. 22CCR 66262.34 (d) Emergency Coordinator Listed	✓			
224. 66262.34 (a) (3), 66265.52 Emergency Response Procedures	✓			

General Hazardous Waste Requirements	C Yes	C No	Viol Type	N/A
225. Riverside County Code Title 8.60 (Ord. 615.3) Hazardous Waste Generator Permit Fees		✓		
226. 22CCR 66262.12 (a) EPA ID Number CA		✓		
227. 22CCR 66262.11 Hazardous Waste Determination				✓
228. H&SC 25189.5(a) Disposed Treated at an Authorized Location		✓		
229. H&SC 25201 (a), 22CCR 66270.1 Treatment/Storage/Transfer Disposal Permit				✓
230. H&SC 25143.10 Recycling Plan Complete and Reported				✓
231. H&SC 25143.2 Excluded Recyclable Materials				✓
Records Review				
232. H&SC 25160.2, 22CCR 66262.20-66262.23 General Manifesting Requirements		✓		
233. 22CCR66262.42 Manifesting Exception Reports				✓
234. 22CCR 66262.16, 66262.34 (a) (3) Personnel Training & Training Documents Maintained & Available		✓		
235. 22CCR66268.7 Waste Analysis				✓
236. 22CCR 67100.1-67100.11 Hazardous Waste Source Reduction & Management Review (Waste Minimization)				✓
237. 22CCR 66262.41 Biennial Reports				✓
Transportation				
238. H&SC 25163 (a), 22CCR 66262.10 Use of a Registered Transporter of Hazardous Waste		✓		
Management of Used Oil, Oil Filters & Batteries				
239. H&SC 25250.4 Used Oil Managed Properly		✓		
240. H&SC 25160.2 Used Oil Shipment Record Keeping		✓		
241. H&SC 25250.7 Used Oil Not Contaminated with Hazardous Waste	✓			
242. 22CCR 66266.130 Used Oil Filters	✓			
243. 22CCR 66266.81 Batteries Properly Managed	✓			
Universal Waste				
244. 40 CFR 273, 22 CCR 66273 Universal Waste Fluorescent tubes, batteries, and mercury switches				✓
Specific Materials				
245. H&SC 25144.6 Contaminated Rags	✓			
246. H&SC 25143.13, 40 CFR 261 Silver Only Waste				✓
247. Other:				

The above mentioned violations shall be corrected within ___ days

ENTERED 11/15/05 40

Specialist: John Riddell
Received By: [signature]
Print Name: BILL E BRYANT
Title:

DEHHM02.RG 7/2002

Offices:
Indio (760) 863-8976 47-923 Oasis Rd Rm E4 Indio, CA 92201
Hemet (909) 766-4524 800 S. Sanderson Ave Hemet, CA 92545
Murrieta (909) 461-0634 38740 Sky Canyon Dr Murrieta, CA 92563
Riverside (909) 358-5055 4065 County Circle Dr Riverside, CA 92503

Distribution: White-Office, Canary-Owner/Operator, Pink-Specialist

Certified Unified Program Agency
County of Riverside Community Health Agency
Department of Environmental Health
Hazardous Materials Management Division

Page ___ of ___ pages

SUPPLEMENTAL REPORT

Reference Date 10/6/05

Name City Desert Hot Springs

Address 65810 Hacienda

Re: Generator – Routine Facility # 52951

Remarks:

20(23a) Do not store open containers of oil. Pour buckets into drum promptly.

202) You need to have your used oil picked up. Have a pick up at least once a year.

20c) All drums of waste need to be labeled as to contents. i.e USED OIL, USED OIL FILTERS, USED ANTIFREEZE etc Drums of waste also require Haz Waste labels. Fill out label then place on drum.

210) Ensure all drums & buckets of waste material are stored closed when not in use.

225) Obtain an EPA ID #. Packet provided. You will need this number to have your waste removed.

228, 232, 238 240) Your Haz Waste must be hauled by a licensed Haz Waste hauler. When waste is picked up keep copies of waste manifest on file available for review

Specialist John Rudell Received By

DEH-HEH-002 (rev 5/02) HMHC 2002

white-specialist; yellow-operator; pink-file

Certified Unified Program Agency
County of Riverside Community Health Agency
Department of Environmental Health Hazardous Materials Management Division
Hazardous Materials Handler Inspection Report

Facility Name: City Desert Hot Springs Date 10/10/06
Address: 65810 Hacienda Ave Inspection: Routine [ ] Reinspection [X]
City Desert Hot Springs Zip Code: 92240 Level 11 Facility #: 82951
Contact Person: ~~Bill Bryant~~ Scott Number of Employees: ~~FBC~~ Telephone: 760 329 6411

Riverside County Ordinance 651 **California Code of Regulations Title 19** **Health & Safety Code Chapter 6.95** California Fire Code

Y	N	N/A	Item marked "No" are violations of the above-referenced codes and must be corrected as follows:	
		✓	**100. Current Permit**	
			101. Hazardous Materials Business Emergency Plan	1016, 1024, 1034, 103C, 1030
	✓		A. Approved Plan on Site and Available for Review	Complete the Business Plan packets
		✓	B. Plan Updated within Past 3 Years	provided. Keep one copy at facility
			102. Chemical Inventory Disclosure	and provide one copy to this agency
	✓		A. Chemical Inventory Complete	Inde officer. Make copies of
		✓	B. Inventory Updated Annually	page 4 for item over 5 gallons
			103. Emergency Response Plans and Procedures	or 10166. If you need help
	✓		A. Prevention, Mitigation and Abatement Measures	contact me at 760 863 8978
	✓		B. Documented Employee Training	ask for John
	✓		C. Evacuation Plan with Routes	
	✓		D. Facility Map with Location of Chemicals	1030) Perform & document employee
		✓	E. MSDS Available	safety training. Must be
			104. Posting	performed at least once a
		✓	A. NFPA 704 Sign(s) Posted	year
		✓	B. Emergency Phone Numbers Posted	
		✓	C. Hazardous Materials Storage Area Posted	
		✓	D. Emergency Equipment Posted	
		✓	E. Pesticide Storage Area Posted	
			105. Storage	
		✓	A. Maintained to Minimize the Possibility of Release	
		✓	B. Handling Areas Secured	
		✓	C. Incompatibles Stored Separately	
		✓	D. Containers Properly Labeled	
			106. Other	

NFPA 704 SIGNS

Specialist: John Riddell

The above noted violations shall be **corrected within** 14 **days.**

Received by:

Print Name:

Title:

ENTERED 11-16-06 jmartinez

Riverside Office (909) 358-5055
P.O. Box 7489
Riverside, CA 92513-7489

Indio Office (760) 863-8976
47-923 Oasis Street, Rm. E-4
Indio, CA 92201

Hemet Office (909) 766-6524
800 S. Sanderson Avenue
Hemet, CA 92545

Certified Unified Program Agency
County of Riverside Community Health Agency
Department of Environmental Health Hazardous Materials Management Division
Hazardous Materials Handler Inspection Report

7/6/06

Facility Name: City Desert Hot Springs
Address: 65810 Hacienda Ave
City: Desert Hot Springs Zip Code: 92240
Contact Person: Bill Bryant Number of Employees: 03
Date: ~~7/6/06~~
Inspection: Routine [ ] Reinspection [X]
Facility #: 51551
Telephone: 760 329 6411

Riverside County Ordinance 651 California Code of Regulations Title 19 Health & Safety Code Chapter 6.95 California Fire Code

Y	N	N/A	Item marked "No" are violations of the above-referenced codes and must be corrected as follows:	
✓			**100. Current Permit**	
			101. Hazardous Materials Business Emergency Plan	101A, 101A, 103A, 103B, 103D)
	✓		A. Approved Plan on Site and Available for Review	Complete The Business Plan Packet
		✓	B. Plan Updated within Past 3 Years	provided. keep one copy at facility
			102. Chemical Inventory Disclosure	and provide one copy to this agency
	✓		A. Chemical Inventory Complete	Indio office
		✓	B. Inventory Updated Annually	
			103. Emergency Response Plans and Procedures	(103B) Employer safety training
	✓		A. Prevention, Mitigation and Abatement Measures	must be documented. Perform &
	✓		B. Documented Employee Training	document training at least once a
	✓		C. Evacuation Plan with Routes	year
	✓		D. Facility Map with Location of Chemicals	
		✓	E. MSDS Available	
			104. Posting	
		✓	A. NFPA 704 Sign(s) Posted	
		✓	B. Emergency Phone Numbers Posted	
		✓	C. Hazardous Materials Storage Area Posted	
		✓	D. Emergency Equipment Posted	
		✓	E. Pesticide Storage Area Posted	
			105. Storage	
		✓	A. Maintained to Minimize the Possibility of Release	
		✓	B. Handling Areas Secured	
		✓	C. Incompatibles Stored Separately	
		✓	D. Containers Properly Labeled	
			106. Other	

NFPA 704 SIGNS

Specialist: John Riddell

The above noted violations shall be corrected within 14 days.

Received by:

Print Name:

Title:

Riverside Office (951) 358-5055
P.O. Box 7489
Riverside, CA 92513-7489

Indio Office (760) 863-8270
47-923 Oasis Street, Rm. E-4
Indio, CA 92201

Hemet Office (951) 766-6524
800 S. Sanderson Avenue
Hemet, CA 92545

ENTERED 8-28-06 JMartinez

Certified Unified Program Agency
County of Riverside Community Health Agency
Department of Environmental Health Hazardous Materials Management Division
Hazardous Materials Handler Inspection Report

Facility Name: City Desert Hot Springs Date 10/6/05
Address: 65810 Hacienda Inspection: Routine [X] Reinspection [ ]
City Desert Hot Springs Zip Code: 92240 Level: II Facility #: 82951
Contact Person: Bill Bryant Number of Employees: 13 Telephone: 760 329 6411

Riverside County Ordinance 651 California Code of Regulations Title 19 Health & Safety Code Chapter 6.95 California Fire Code

Y	N	N/A	Item marked "No" are violations of the above-referenced codes and must be corrected as follows:	
	✓		**100. Current Permit**	100) Obtain a Hazardous Material
			101. Hazardous Materials Business Emergency Plan	Handler permit with this agency.
	✓		A. Approved Plan on Site and Available for Review	Invoice will be mailed to Pierson
		✓	B. Plan Updated within Past 3 Years	Address
			102. Chemical Inventory Disclosure	
	✓		A. Chemical Inventory Complete	101A, 102A, 103A, 103C, 103D) Complete
		✓	B. Inventory Updated Annually	the Business Plan packet provided.
			103. Emergency Response Plans and Procedures	Keep one copy at facility and
	✓		A. Prevention, Mitigation and Abatement Measures	provide two copies to this agency
	✓		B. Documented Employee Training	Indio office. Make copies of
	✓		C. Evacuation Plan with Routes	page 4 for all chemicals over
	✓		D. Facility Map with Location of Chemicals	5 gallons or 10 pounds
	✓		E. MSDS Available	
			104. Posting	103B) Perform & document employee
	✓		A. NFPA 704 Sign(s) Posted	Haz-Mat safety training. Training
	✓		B. Emergency Phone Numbers Posted	must be performed annually and
✓			C. Hazardous Materials Storage Area Posted	for any new employees.
✓			D. Emergency Equipment Posted	
	✓		E. Pesticide Storage Area Posted	103E) Obtain MSDS sheets for all
			105. Storage	chemicals stored at facility. Check
✓			A. Maintained to Minimize the Possibility of Release	your inventory
✓			B. Handling Areas Secured	& Corrected
✓			C. Incompatibles Stored Separately	ENTERED 11/4/05
	✓		D. Containers Properly Labeled	
			106. Other	

NFPA 704 SIGNS

Specialist: John Riddell

The above noted violations shall be corrected within ___ days.
Received by:
Print Name: BILL E BRYANT
Title: OPS & MAINT SUPERVISOR

Riverside Office (909) 358-5055
P.O. Box 7489
Riverside, CA 92513-7489

Indio Office (760) 863-8976
47-923 Oasis Street, Rm. E-4
Indio, CA 92201

Hemet Office (909) 766-6524
800 S. Sanderson Avenue
Hemet, CA 92545

Certified Unified Program Agency
County of Riverside Community Health Agency
Department of Environmental Health
Hazardous Materials Management Division

SUPPLEMENTAL REPORT

Reference Date 10/6/05

Name City of Desert Hot Springs

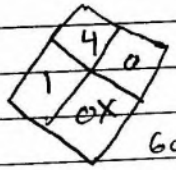
Address 65810 Hacienda

Re: Disclosure – Continued

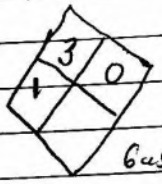
Facility # 82951

Remarks:

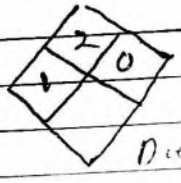
104A) Post NFPA signs on front gate, GAS TANK, Diesel Tank Shop AREA & Paint Storage



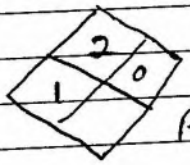
Gate & Shop



Gas Tank



Diesel Tank



Paint Storage

104D) Post Emergency phone numbers for employees See last page of Business Plan.

104E) Keep roundup in gated area in shop. Place a pesticide storage sing on chain link

Specialist John Pedelahl

Received By

County of Riverside Department of Environmental Health
Certified Unified Program Agency
PO Box 7909, Riverside, CA 92513
Phone: (951) 358-5055

Aboveground Petroleum Storage Act Inspection Report – Tiers I/II/CE

Facility Name: CITY OF DESERT HOT SPRINGS	Contact Name: DANIEL PORRAS		Inspection Date: 01/24/18
Address: 65810 HACIENDA AVE DHS	Telephone: (760) 329-6411		Permit #: PR0059945
Inspector Name: ALLEN HUERTA	Inspection Type: ☑ Routine ☐ Reinspection	Program Level: ☑ Tier I ☐ Tier II ☐ Cond. Exempt	
SPCC Plan Date: 2013	Last Plan Amendment: 2013	Total Storage Capacity: ~ 4200 GAL	CERS ID: 10317994

Violations checked below are for section(s) of California Health & Safety Code (HSC), California Code of Regulations (CCR), Code of Federal Regulations (CFR), or Riverside County Ordinance (RCO) indicated in italics. References to CFR are made in accordance with HSC 25270.4.5(a) for this program. Items checked "Y" are in compliance. Items checked "N" are violations and must be corrected. "N/A" is not applicable.

Y	N	VIOL #	VIOLATION DESCRIPTION
			General Requirements (All facility levels)
☑	☐	4010032	Tank facility statement or HMBP submitted annually. *HSC 25270.6(a)(1)-(a)(2)*
☑	☐	4010033	APSA permit fee paid. *HSC 25270.6(b)*
☑	☐	4010034	Active APSA permit. *HSC 25404.1*
☑	☐	4020001	Adequate training provided to personnel as detailed in 40 CFR 112.7(f)(1). *40 CFR 112.7(f)(1)*
☒	☐	4040001	Spills of 1 barrel (42 gallons) or more reported. *HSC 25270.8*
			Operational Requirements (Tier I/II)
☑	☐	4030002	Secondary containment holds volume of largest container. *40 CFR 112.7(h)(1)*
☑	☐	4030013	Containment sufficiently impervious to oil or drainage safely confined in facility catchment basin or pond. *40 CFR 112.8(c)(2)*
☑	☐	4030021	Leaks immediately addressed & oil promptly removed. *40 CFR 112.8(c)(10)*
			Conditionally Exempt Facility Requirements
☒	☐	4030032	Facility meets all conditional exemption requirements. *HSC 25270.4.5(b)*
			Other
☒	☐	attached	Other violations observed. *See supplemental report*

Y	N	VIOL #	VIOLATION DESCRIPTION
			SPCC Requirements
			Tier 1
☒	☐	~~4010046~~	~~SPCC Plan or template completed. 40 CFR 112.6(a)~~
☑	☐	4010047	SPCC Plan or template certified by management. *40 CFR 112.6(a)(1)*
☐	☒	4010008	SPCC Plan or template available onsite if staffed at least 4 hrs/day or nearest field office if not attended. *40 CFR 112.3(e)(1)*
☑	☐	4010048	Technical amendments properly certified. *40 CFR 112.6(a)(2)*
			Tier II
☒	☐	~~4010049~~	~~SPCC Plan or template completed. 40 CFR 112.6(b)~~
☒	☐	4010050	PE certified Plan if alternative measures used e.g environmental equivalence, impractibility etc. *40 CFR 112.6(b)(3), 112.6(b)(4)(iii)*
☒	☐	4010051	PE attestations complete, if necessary. *40 CFR 112.6(b)(4)(i)*
☒	☐	4010052	Technical amendments properly certified. *40 CFR 112.6(b)(2), 112.6(b)(2)(i)*
			Tiers I and II
☒	☐	4010009	5-year review of SPCC Plan or template completed and documented. *40 CFR 112.5(b)*
☒	☐	4010010	SPCC Plan or template amendments made appropriately within 6 months. *40 CFR 112.5(a)*
☑	☐	4010021	Written inspection & testing procedures available. Inspections/ testing conducted & records signed & kept for 3 yrs. *40 CFR 112.7(e)*
☑	☐	4010035	Facility meets tier I/II requirements. *40 CFR 112.3(g)*

THE FOLLOWING VIOLATIONS WERE OBSERVED AT TIME OF INSPECTION:

(4010008) SPCC TEMPLATE WAS NOT AVAILABLE FOR REVIEW AT TIME OF INSPECTION. OWNER/OPERATOR SHALL MAINTAIN SPCC TEMPLATE ON SITE.

☐ No violations observed during inspection
☒ This report shall serve as a notice to comply for minor violations and a notice of violation for all other violations.

You are hereby ordered to correct all noted violations within 30 days, or according to individual correction summaries provided, whichever is less.

Inspector signature: _____

Agent signature: _____

Agent Name: SCOTT WITH

Agent Title: PW. SUPERVISOR

Scott Wittig

From: Lynne Paul
Sent: Tuesday, May 14, 2019 3:04 PM
To: nhosamane@rivco.org
Cc: Scott Wittig
Subject: City of DHS Violation Compliance
Attachments: Dept of Environmental Health- Corp Yard.pdf

Hi Mr. Hosamane:

Attached is the paperwork to show that the City of DHS is in compliance for the City's Corporation Yard. Please let me know if you need any further information.

--Lynne

Lynne Paul | ***Public Works Analyst***

Office: (760) 329-6411 ext. 219 Fax: (760) 288-0639
City of Desert Hot Springs
65950 Pierson Blvd. Desert Hot Springs, CA 92240
www.cityofdhs.org

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
CAC002955468	1	(760)948-1131	017877676 JJK

GENERATOR

5. Generator's Name and Mailing Address: City of Desert Hot Springs
65810 Hacienda Ave
Desert Hot Springs, CA 92240
Generator's Phone: (760)329-6411

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name: Metro Industrial Services Inc.
U.S. EPA ID Number: CALOC0346567

7. Transporter 2 Company Name: Environmental Logistics
U.S. EPA ID Number: CHR000172460

8. Designated Facility Name and Site Address: Clean Harbors Wilmington LLC
1737 E. Denni St.
Wilmington, CA 90744
Facility's Phone:
U.S. EPA ID Number: CAD044429835

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
	1. NA 3082, Hazardous Waste, Liquid, NOS (Methylene Chloride), 9 PG III	001	DM	50	G	F001	223	
	2.							
	3.							
	4.							

14. Special Handling Instructions and Additional Information

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Scott Wilson
Signature:
Month: 1 Day: 7 Year: 19

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Freddy Medina
Signature:
Month: 1 Day: 7 Year: 19

Transporter 2 Printed/Typed Name:
Signature:
Month: Day: Year:

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:

18c. Signature of Alternate Facility (or Generator)
Month: Day: Year:

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name:
Signature:
Month: Day: Year:

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

GENERATOR'S INITIAL COPY

U.S. EPA Form 8700-22

Read all instructions before completing this form.

1. This form has been designed for use on a 12-pitch (elite) typewriter which is also compatible with standard computer printers; a firm point pen may also be used—press down hard.
2. Federal regulations require generators and transporters of hazardous waste and owners or operators of hazardous waste treatment, storage, and disposal facilities to complete this form (EPA Form 8700–22) and, if necessary, the continuation sheet (EPA Form 8700–22A) for both inter- and intrastate transportation of hazardous waste.

Public reporting burden for this collection of information is estimated to average: 30 minutes for generators, 10 minutes for transporters, and 25 minutes for owners or operators of treatment, storage, and disposal facilities. This includes time for reviewing instructions, gathering data, completing, reviewing and transmitting the form. Any correspondence regarding the PRA burden statement for the manifest must be sent to the Director of the Collection Strategies Division in EPA's Office of Information Collection at the following address: U.S. Environmental Protection Agency (2822T), 1200 Pennsylvania Ave., NW., Washington, DC 20460. Do not send the completed form to this address.

I. Instructions for Generators

Item 1. Generator's U.S. EPA Identification Number

Enter the generator's U.S. EPA twelve digit identification number, or the State generator identification number if the generator site does not have an EPA identification number.

Item 2. Page 1 of ___

Enter the total number of pages used to complete this Manifest (*i.e.*, the first page (EPA Form 8700-22) plus the number of Continuation Sheets (EPA Form 8700-22A), if any).

Item 3. Emergency Response Phone Number

Enter a phone number for which emergency response information can be obtained in the event of an incident during transportation. The emergency response phone number must:

1. Be the number of the generator or the number of an agency or organization who is capable of and accepts responsibility for providing detailed information about the shipment;
2. Reach a phone that is monitored 24 hours a day at all times the waste is in transportation (including transportation related storage); and
3. Reach someone who is either knowledgeable of the hazardous waste being shipped and has comprehensive emergency response and spill cleanup/incident mitigation information for the material being shipped or has immediate access to a person who has that knowledge and information about the shipment.

Note: Emergency Response phone number information should only be entered in Item 3 when there is one phone number that applies to all the waste materials described in Item 9b. If a situation (*e.g.*, consolidated shipments) arises where more than one Emergency Response phone number applies to the various wastes listed on the manifest, the phone numbers associated with each specific material should be entered after its description in Item 9b.

Item 4. Manifest Tracking Number

This unique tracking number must be pre-printed on the manifest by the forms printer.

Item 5. Generator's Mailing Address, Phone Number and Site Address

Enter the name of the generator, the mailing address to which the completed manifest signed by the designated facility should be mailed, and the generator's telephone number. Note, the telephone number (including area code) should be the normal business number for the generator, or the number where the generator or his authorized agent may be reached to provide instructions in the event the designated and/or alternate (if any) facility rejects some or all of the shipment. Also enter the physical site address from which the shipment originates only if this address is different than the mailing address.

Item 6. Transporter 1 Company Name, and U.S. EPA ID Number

Enter the company name and U.S. EPA ID number of the first transporter who will transport the waste. Vehicle or driver information may not be entered here.

Item 7. Transporter 2 Company Name and U.S. EPA ID Number

If applicable, enter the company name and U.S. EPA ID number of the second transporter who will transport the waste. Vehicle or driver information may not be entered here.

If more than two transporters are needed, use a Continuation Sheet(s) (EPA Form 8700-22A).

Item 8. Designated Facility Name, Site Address, and U.S. EPA ID Number

Enter the company name and site address of the facility designated to receive the waste listed on this manifest. Also enter the facility's phone number and the U.S. EPA twelve digit identification number of the facility.

Item 9. U.S. DOT Description (Including Proper Shipping Name, Hazard Class or Division, Identification Number, and Packing Group)

Item 9a. If the wastes identified in Item 9b consist of both hazardous and nonhazardous materials, then identify the hazardous materials by entering an "X" in this Item next to the corresponding hazardous material identified in Item 9b.

Item 9b. Enter the U.S. DOT Proper Shipping Name, Hazard Class or Division, Identification Number (UN/NA) and Packing Group for each waste as identified in 49 CFR 172. Include technical name(s) and reportable quantity references, if applicable.

Note: If additional space is needed for waste descriptions, enter these additional descriptions in Item 27 on the Continuation Sheet (EPA Form 8700-22A). Also, if more than one Emergency Response phone number applies to the various wastes described in either Item 9b or Item 27, enter applicable Emergency Response phone numbers immediately following the shipping descriptions for those items.

Item 10. Containers (Number and Type)

Enter the number of containers for each waste and the appropriate abbreviation from Table I (below) for the type of container.

TABLE I.--TYPES OF CONTAINERS

BA = Burlap, cloth, paper, or plastic bags.	DT = Dump truck.
CF = Fiber or plastic boxes, cartons, cases.	DW = Wooden drums, barrels, kegs.
CM = Metal boxes, cartons, cases (including roll-offs).	HG = Hopper or gondola cars.
CW = Wooden boxes, cartons, cases.	TC = Tank cars.
CY = Cylinders.	TP = Portable tanks.
DF = Fiberboard or plastic drums, barrels, kegs.	TT = Cargo tanks (tank trucks).
DM = Metal drums, barrels, kegs.	

Item 11. Total Quantity

Enter, in designated boxes, the total quantity of waste. Round partial units to the nearest whole unit, and *do not* enter decimals or fractions. To the extent practical, report quantities using appropriate units of measure that will allow you to report quantities with precision. Waste quantities entered should be based on actual measurements or reasonably accurate estimates of actual quantities shipped. Container capacities are not acceptable as estimates.

Item 12. Units of Measure (Weight/Volume)

Enter, in designated boxes, the appropriate abbreviation from Table II (below) for the unit of measure.

TABLE II.--UNITS OF MEASURE

G = Gallons (liquids only).	N = Cubic Meters.
K = Kilograms.	P = Pounds.
L = Liters (liquids only).	T = Tons (2000 Pounds).
M = Metric Tons (1000 kilograms).	Y = Cubic Yards.

Note: Tons, Metric Tons, Cubic Meters, and Cubic Yards should only be reported in connection with very large bulk shipments, such as rail cars, tank trucks, or barges.

Item 13. Waste Codes

Enter up to six federal and state waste codes to describe each waste stream identified in Item 9b. State waste codes that are not redundant with federal codes must be entered here, in addition to the federal waste codes which are most representative of the properties of the waste.

Item 14. Special Handling Instructions and Additional Information

1. Generators may enter any special handling or shipment-specific information necessary for the proper management or tracking of the materials under the generator's or other handler's business processes, such as waste profile numbers, container codes, bar codes, or response guide numbers. Generators also may use this space to enter additional descriptive information about their shipped materials, such as chemical names, constituent percentages, physical state, or specific gravity of wastes identified with volume units in Item 12.
2. This space may be used to record limited types of federally required information for which there is no specific space provided on the manifest, including any alternate facility designations; the manifest tracking number of the original manifest for rejected wastes and residues that are re-shipped under a second manifest; and the specification of PCB waste descriptions and PCB out-of-service dates required under 40 CFR 761.207. Generators, however, cannot be required to enter information in this space to meet state regulatory requirements.

Item 15. Generator's/Offeror's Certifications

1. The generator must read, sign, and date the waste minimization certification statement. In signing the waste minimization certification statement, those generators who have not been exempted by statute or regulation from the duty to make a waste minimization certification under section 3002(b) of RCRA are also certifying that they have complied with the waste minimization requirements. The Generator's Certification also contains the required attestation that the shipment has been properly prepared and is in proper condition for transportation (the shipper's certification). The content of the shipper's certification statement is as follows: "I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent." When a party other than the generator prepares the shipment for transportation, this party may also sign the shipper's certification statement as the offeror of the shipment.
2. Generator or Offeror personnel may preprint the words, "On behalf of" in the signature block or may hand write this statement in the signature block prior to signing the generator/offeror certification, to indicate that the individual signs as the employee or agent of the named principal.

Note: All of the above information except the handwritten signature required in Item 15 may be pre-printed.

Melfred
Industrial Services, Inc.

B.O.L.# 46068

PO Box 402592 Hesperia, CA 92340-2592 - Phone 760-948-1131 • Fax 760-947-0035
melfredindustrial@verizon.net
EPA# CAL000348567

CAD982444481

CUSTOMER	City of Desert Hot Springs	SHIPPED TO	Hazmat TSDF
STREET & NO.	65950 Pierson Blvd	STREET	180 W. Monte Ave
CITY / STATE / ZIP	Desert Hot Springs / CA / 92240	CITY / STATE	Rialto / CA

CUSTOMER'S P.O. NO.	ORDERED BY	TERMS	DATE
	Scott	Net 15 days	1/7/19

	Waste disposal Service				
	used oil			175	—
1	55 gallon Drum of Diesel used oil filters			75	—
55	gallons of oily water			156.	75
				900	—
	SIGNATURE X				
	TOTAL DUE		1	306.	75

All invoices are due and payable upon receipt unless previous credit arrangements have been made.

A 2% per month charge will be made on 30 day past due accounts.

EPA# CAL. 967

Melfred
Industrial Services, Inc.

PO Box 402592 Hesperia, CA 92340-2592
Phone 760-948-1131 • Fax 760-947-0035 • Email: melfredindustrial@verizon.net

NAME City of Desert Hot Springs		
ADDRESS 65810 Hacienda Ave.	CITY Desert Hot Springs	
CALIF	ZIP 92240	PHONE 760-329-6411
GENERATOR EPA# ~~CAL000218655~~ CAL000299548		

STATE MANIFEST	STATE MANIFEST
017877675JJK	017877580JJK
TSDF FILTER RECYCLING SERVICES INC. 180 W. MONTE AVE. RIALTO CA 92316 PHONE# 909-873-4141 EPA # CAD982444481 (USED OIL) CA. CODE 221	TSDF FILTER RECYCLING SERVICES INC. 180 W. MONTE AVE. RIALTO CA 92316 PHONE# 909-873-4141 EPA # CAD982444481 (ANTIFREEZE OILY WATER MIX) CA. CODE 222,134

DRIVER Freddy	ANTIFREEZE OILY WATER MIX 55
GENERATOR CATEGORY A	LUBRICATING OIL 100
$	INDUSTRIAL OIL
	TOTAL GALS

NON-RCRA HAZARDOUS WASTE LIQUID	WASTE STREAM A

IMPORTANT NOTICE REGARDING THE DISPOSITION OF YOUR USED OIL
PLEASE SIGN AFTER READING

M.I.S. INC. (used oil transporter) hereby advises CDHS (used oil generator) that CDHS (Generator's) shipment of used oil may be transported to a facility that is required to comply with federal regulations applicable to management of used oil, but is not required to comply with the more stringent requirements applicable to hazardous waste management facilities. California facilities that handle or process used oil are required to meet those more stringent requirements, and some out-of-state facilities that process used oil meet those requirements. Engineering certifications of tank integrity, and financial assurances for closure and accidental releases.

It is lawful to send used oil to out-of-state facilities that comply only with federal used oil management standards and not these more stringent requirements.

This notification is for information purposes only

_____(signed, Transporter) Date: 1/7/19

_____(signed, Generator) Date: 1/7/19

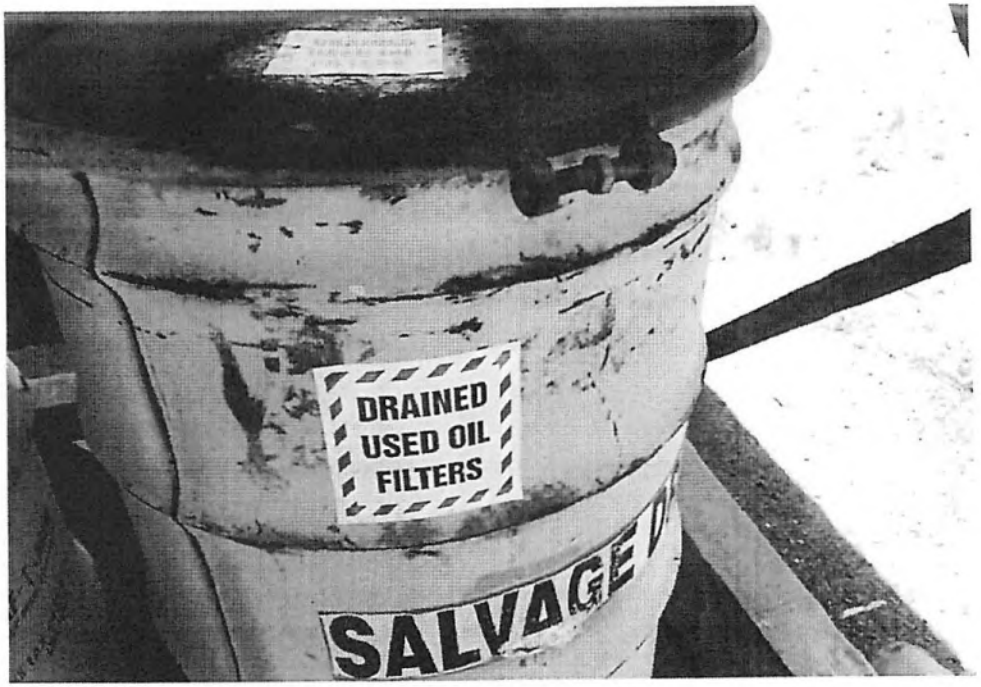
GENERATOR

PRINT Scott Wilson	
SIGN	DATE 1/7/19

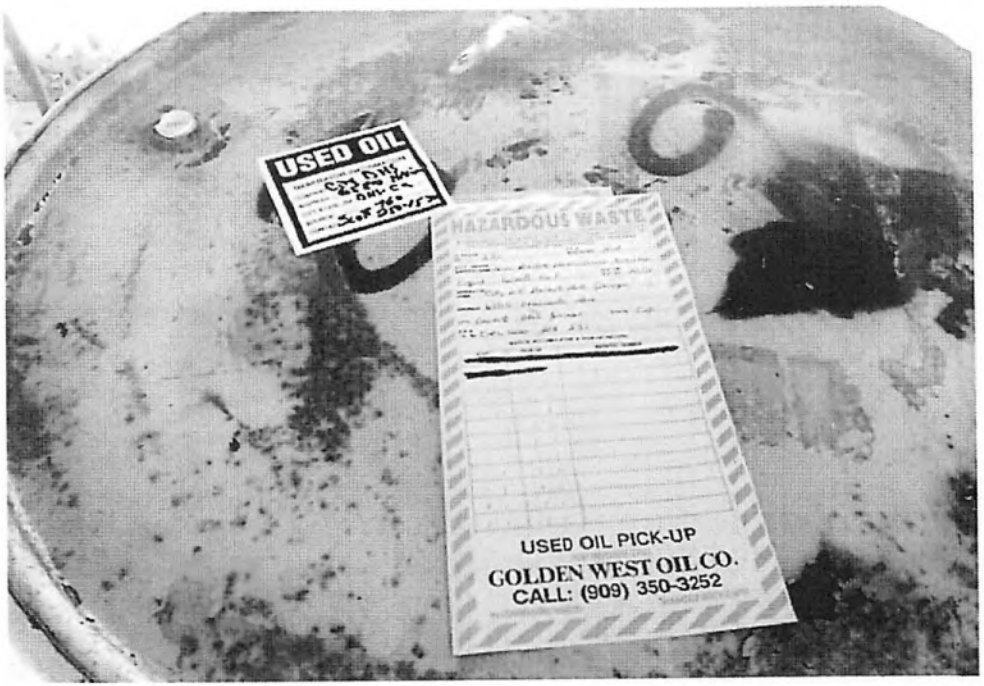
Notice: Pursuant to Sec. 68-492 of Title 22, California Administrative code, this receipt is issued to you in place of a manifest. You are required by law to keep this receipt for at least 3 years.

NO. 46511

USED OIL
USED OIL
USED OIL
DRUM


DRAINED
USED OIL
FILTERS

USED OIL
USED OIL
DRAINED
USED OIL
FILTERS
USED OIL
SALVAGE
DRUM


USED OIL
HAZARDOUS WASTE
USED OIL PICK-UP
GOLDEN WEST OIL CO.
CALL: (909) 350-3252

County of Riverside Department of Environmental Health

Certified Unified Program Agency
PO Box 7909, Riverside, CA 92513
Phone: (951) 358-5055

Small Quantity Generator of Hazardous Waste Inspection Report

Facility Name: CITY OF DESERT HOT SPRINGS	Contact Name: DANIEL PORRAS		Inspection Date: 1/24/18
Address: 65810 HACIENDA AVE DHS	Telephone: (760) 329-6411		Permit #: PR0020525
Inspector Name: ALLEN HURLTA	Number of Employees: 0-10	Inspection Type: ☒ Routine ☐ Reinspection	EPA ID: CAL000218551

Violations checked below are for section(s) of California Health & Safety Code (HSC), California Code of Regulations (CCR), Code of Federal Regulations (CFR), or Riverside County Ordinance (RCO) indicated in italics. Items checked "Y" are in compliance. Items checked "N" are violations and must be corrected. "N/A" is not applicable.

Y	N	VIOL #	VIOLATION DESCRIPTION
Hazardous Waste Storage			
☒	☐	3030030	Maintained to minimize the possibility of fire, explosion or release. *22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(4), 265.31*
☒	☐	3030009	Accumulation time less than 180 days after 100kg (>1kg for AHW). *22 CCR 66262.34(b)(1); HSC 25123.3(c)*
☐	☒	3030010	Accumulation time not >180 days. *22 CCR 66262.34(d); 40 CFR 262.34(e) & (f)*
N/A		3030057	Satellite accumulation requirements met. *22 CCR 66262.34(e)*
☒	☐	3030022	Separation of incompatible materials. *22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(2), 265.177*
N/A		attached	Universal waste. *See attached supplemental report, 22 CCR 66273 et seq*
Container Management			
☒	☐	3030015	Container compatibility. *22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(2), 265.172*
☒	☐	3030007	Container labeling. *22 CCR 66262.34(f)*
☒	☐	3030019	Weekly inspections. *22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(2), 265.174*
☒	☐	3030013	Container condition. *22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(2), 265.171*
☐	☒	3030017	Containers stored closed. *22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(2), 265.173*
☒	☐	3030036	Aisle space maintained. *22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(4), 265.35*
Waste Tank Systems			
☐	☐	3030025	Overfill protection device provided for continuously fed tank. *22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(3), 265.201(b)(4)*
☐	☐	3030027	Daily inspections completed of discharge systems and level of waste. *22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(3), 265.201(c)(1)-(c)(3)*
☐	☐	3030028	Weekly inspections completed of fixtures and surrounding area. *22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(3), 265.201(c)(4)-(c)(5)* N/A
☐	☐	3050007	Removal of waste from closed facility tank systems. *22 CCR 66262.34(d)(2) 67383.3; 40 CFR 262.34(d)(3), 265.201(f)*
☐	☐	3030024	2 feet of freeboard maintained for uncovered tanks. *22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(3), 265.201(b)(3)*
Preparedness and Prevention			
☒	☐	3030032	Emergency equipment & communication available. *22 CCR 66262.34(d)(2); 40 CFR 265.32*
☒	☐	3030034	Emergency equipment maintained. *22 CCR 66262.34(d)(2); 40 CFR 265.33*
☒	☐	3030039	Emergency coordinator available onsite. *22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(5)(i)*
☒	☐	3010022	Emergency response procedures/contacts posted. *22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(5)(ii)*
Recyclable Materials			
N/A		3010016	Recyclable Materials Report provided. *HSC 25143.10*
N/A		3030001	Generator of ≤10 lead acid batteries recycles. *22 CCR 66266.81(a)(1)*
N/A		3030002	Receives and stores lead acid batteries. *22 CCR 66266.81(a)(3)*
N/A		3030003	Damaged lead acid battery storage/labeling. *22 CCR 66266.81(b)*
☒	☐	3030004	Used oil and/or fuel filter storage. *22 CCR 66266.130; HSC 25250.22*
☒	☐	3050004	Contaminated used oil managed as hazardous waste. *HSC 25250.7*
N/A		3050005	Excluded recyclable materials. *HSC 25143.2; HSC 25143.9*
☒	☐	246	Latex/oil based paint properly disposed of. *HSC 25217.1*
N/A		attached	Certified Appliance Recycler requirements met. *HSC 25211-25214*

Y	N	VIOL #	VIOLATION DESCRIPTION
General Hazardous Waste Requirements			
☒	☐	200	Access for inspection. *HSC 25185(a); HSC 25195*
☒	☐	223	Active hazardous waste generator permit. *RCO 615*
☒	☐	3010002	Active EPA ID number. *22 CCR 66262.12*
☒	☐	3030005	Waste determination made and documented. *22 CCR 66262.11, 66262.40(c)*
☒	☐	3030006	LDR determination made. *22 CCR 66268.7(a)*
☒	☐	3050002	Disposed/treated at an authorized location. *HSC 25189.5(a)*
☒	☐	3020001	Employee training. *22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(5)(iii)*
Manifest Review			
☒	☐	3050001	Registered hauler used for transportation. *22 CCR 66263.41; HSC 25163(a)*
☒	☐	3010007	Manifests prepared for transport of hazardous waste. *22 CCR 66262.20*
☒	☐	3010008	Manifests properly completed. *22 CCR 66262.23(a)*
☒	☐	3010010	Manifests maintained for 3 years. *22 CCR 66262.40(a)*
☒	☐	3010013	Consolidated manifest procedures. *22 CCR 66262.40(a); HSC 25160.2*
N/A		3010014	Lead acid battery records retained for 3 years. *22 CCR 66266.81(a)(4)(B)*
☒	☐	3010015	Used oil disposal documentation retained for 3 years. *HSC 25250.19(c)*
N/A		3010030	Manifest Exception reports. *22 CCR 66262.42*
Other Waste Violations			
☒	☐	3030054	Contaminated rags. *HSC 25144.6*
N/A		attached	Other violations observed. *See attached supplemental report*

☐ No violations observed during inspection

☒ This report shall serve as a notice to comply for minor violations and a notice of violation for all other violations. In accordance with HSC 25187.8(d), minor violations corrected while the inspector was onsite and documented on the attached supplemental report as "corrected on site" are deemed to be in compliance.

You are hereby ordered to correct all noted violations within 30 days, or according to individual correction summaries provided, whichever is less.

Agent Signature: _____

Agent Name: Scott W. Tidy

Agent Title: Public Works Supervisor

Inspector Signature: _____

County of Riverside Department of Environmental Health
Certified Unified Program Agency
PO Box 7909, Riverside, CA 92513
Phone: (951) 358-5055

Supplemental Inspection Report

Facility Name: CITY OF DESERT HOT SPRINGS	Permit #: PR00	Date: 1/24/18
Address: 65810 HACIENDA AVE DESERT HOT SPRINGS		
RE: HAZARDOUS WASTE GENERATOR		

Remarks:

FACILITY IS A MAINTENANCE YARD GENERATING USED OIL, FILTERS, MISC. WASTE PICKED UP FROM CITY STREETS.

(3030010) HAZARDOUS WASTE DRUMS ON SITE HAVE BEEN STORED BEYOND REQUIRED ACCUMULATION TIME AND REQUIRE DISPOSAL. OWNER/OPERATOR SHALL HAVE ACCUMULATION DATES NOT EXCEED 7/180 DAYS.

(3030031, 3030017) OBSERVED OPEN CONTAINERS OF USED OIL STORED IN HAZARDOUS WASTE AREA. OWNER/OPERATOR SHALL PROPERLY STORE/LABEL ALL HAZARDOUS WASTE CONTAINERS.

NOTE: ENSURE ALL SECONDARY CONTAINMENT DRAINS/VALVES ARE MAINTAINED SEALED/CLOSED UNTIL INSPECTED BY FACILITY.

Agent Signature: _____ Agent Title: P.W. SUPERVISOR

Agent Name: SCOTT WITTIG Specialist: ALLEN HUERTA

EPO-57 (REV 9/16)

COUNTY OF RIVERSIDE • HEALTH SERVICES AGENCY
DEPARTMENT OF ENVIRONMENTAL HEALTH

August 5, 2000 Site #0016118

Mike Janis
City of Desert Hot Springs
65950 Pierson Blvd.
Desert Hot Springs CA 92240

RE: Underground Storage Tank Cleanup at City of Desert Hot Springs City Yard at 65810 Hacienda Ave., Desert Hot Springs

Dear Responsible Parties,

This letter confirms the completion of site investigation and for the underground storage tanks formerly located at the above described location. Thank you for your cooperation throughout this investigation. Your willingness and promptness in responding to our inquires concerning the former underground storage tanks are greatly appreciated.

Based on the information in the above-referenced file, and with the provision that the information provided to this agency was accurate and representative of site conditions, this agency finds that the site investigation and corrective action carried out at your underground storage tank site is in compliance with the requirements of subdivisions (a) and (b) of Section 25299.37 of the Health and Safety Code and that no further action related to the petroleum release at the site is required.

This notice is issued pursuant to subdivision (h) of Section 25299.37 of the Health and Safety Code. Please contact our office if you have any questions regarding this matter.

Sincerely,

Earl E. Tuntland
Assistant Environmental Health Administrator

Enclosure: Case Closure Summary

cc: Abdi Haile, CRRWQCB
Cleanup Fund
file

47-923 Oasis Road, #E4
Indio, CA 92201
Fax (760) 863-8303
(760) 863-8976

4065 County Circle Drive, Rm. 123
Riverside, CA 92503
Fax (909) 358-5017
(909) 358-5055

1370 S. State Street, #101
San Jacinto, CA 92583
Fax (909) 487-0328
(909) 791-2200

Department Web Site - www.rivcoeh.org

CASE CLOSURE SUMMARY
LEAKING UNDERGROUND FUEL STORAGE TANK PROGRAM

SITE NAME: City of Desert Hot Springs City Yard SITE NO: 0016118

I. Agency Information

Date:June 14, 2000

AGENCY NAME: County of Riverside, Department of Environmental Health
Hazardous Materials Management Division
ADDRESS: 47923 Oasis Street, Indio CA 92201 (760) 863-8976
STAFF PERSON: Linda D. Shurlow, REHS-- Hazardous Materials Management Specialist

II. Case Information

SITE NAME: City of Desert Hot Springs City Yard
SITE ADDRESS: 65810 Hacienda Ave., Desert Hot Springs
RB LUSTIS CASE NO: **LOP/LOCAL CASE NO:** 0016118
URR FILING DATE: 3/13/00 **SWEEPS NO:**

RESPONSIBLE PARTIES	ADDRESS	PHONE NUMBER
City of Desert Hot Springs c/o Mile Janis	65950 Pierson Blvd. Desert Hot Springs CA 92240	760-329-6411

TANK #	SIZE	CONTENTS	REMOVED/CLOSED IN-PLACE?	DATE
1	1000 gal	diesel	removed	2/10/00
2	2000 gal	gasoline	removed	2/10/00

III. Release and Site Characterization Information

CAUSE & TYPE OF RELEASE: gasoline and diesel release from the dispenser
SITE CHARACTERIZATION COMPLETE? Yes [X] No [ ]
DATE APPROVED BY OVERSIGHT AGENCY: June 14, 2000

MONITORING WELLS INSTALLED? Yes [ ] No [X] NUMBER:
PROPER SCREEN INTERVAL? Yes [ ] No [ ] N/A [X]
HIGHEST GW DEPTH BELOW GROUND SURFACE: ~200' **LOWEST DEPTH:**
FLOW DIRECTION:

MOST SENSITIVE CURRENT GW USE: domestic
ARE DRINKING WATER WELLS AFFECTED? Yes[ ] No [X]
AQUIFER NAME:

SURFACE WATER AFFECTED? Yes [ ] No [X]
NEAREST/AFFECTED SW NAME:
OFF-SITE BENEFICIAL USE IMPACTS (ADDRESS/LOCATIONS):

REPORTS ON FILE? Yes [X] No [ ]
LOCATION OF REPORTS: County of Riverside, Department of Environmental Health
Hazardous Materials Management Division
4065 County Circle Drive P.O. Box 7600 Riverside CA 92513-7600
(909) 358-5055

CASE CLOSURE SUMMARY
LEAKING UNDERGROUND FUEL STORAGE TANK PROGRAM

SITE NAME: City of Desert Hot Springs City Yard SITE NO: 0016118

III. Release and Site Characterization Information (cont.)

TREATMENT & DISPOSAL OF AFFECTED MATERIAL

MATERIAL	AMOUNT	ACTION (Treatment or disposal & destination)	DATE
TANK PIPING RINSEATE SOIL GROUNDWATER OTHER	2	removed	2/10/00

MAXIMUM DOCUMENTED CONTAMINANT CONCENTRATIONS -- Before & After Cleanup

CONTAMINANT	SOIL				GROUNDWATER	
	BEFORE	DEPTH	AFTER	DEPTH	BEFORE	AFTER
TPH (GAS) TPH (DIESEL) TRPH (418.1) BENZENE TOLUENE XYLENE ETHYLBENZENE MTBE LEAD	860 ppm 31 ppm ND ND ND MD ND 14					

COMMENTS (soil types, depth of remediation, etc.): fine to coarse sand with trace gravel. No active remediation completed.

IV. Closure

DOES COMPLETED CORRECTIVE ACTION PROTECT EXISTING BENEFICIAL USES AS PER THE REGIONAL BOARD BASIN PLAN? Yes [X] No [ ]
DOES COMPLETED CORRECTIVE ACTION PROTECT POTENTIAL BENEFICIAL USES PER THE REGIONAL BOARD BASIN PLAN? Yes [X] No [ ]
DOES THE CORRECTIVE ACTION PROTECT PUBLIC HEALTH FOR CURRENT LAND USE? Yes[X] No [ ]
SITE MANAGEMENT REQUIREMENTS:

SHOULD CORRECTIVE ACTION BE REVIEWED IF LAND USE CHANGES? Yes [ ] No [X]

MONITORING WELLS DECOMMISSIONED? Yes [ ] No [ ] None Installed [X]
NUMBER DECOMMISSIONED: **NUMBER RETAINED:**

LIST ENFORCEMENT ACTIONS TAKEN:
LIST ENFORCEMENT ACTIONS RESCINDED:

CASE CLOSURE SUMMARY
LEAKING UNDERGROUND FUEL STORAGE TANK PROGRAM

SITE NAME: City of Desert Hot Springs City Yard SITE NO: 0016118

V. Local Agency Representative Data

NAME: Earl Tuntland **TITLE:** Asst. Environmental Health Administrator
SIGNATURE: [signature] **DATE:** 8/1/00

VI. RWQCB Notification

DATE SUBMITTED TO RWQCB: **RWQCB RESPONSE:**
RWQCB STAFF NAME: Abdi Haile **TITLE:** Senior Eng. Geologist
SIGNATURE: [signature] **DATE:** 07/26/2000

VII. Additional Comments, Data, Etc.

On February 10, 2000, two tanks and the dispenser were removed. Soil sample results from under the tanks were all ND for TPHg, TPHd, BTEX, and MTBE. Sample results from under the dispenser showed 860 ppm TPHg, 31ppm TPHd, and ND for BTEX and MTBE. The site was placed into LOP.

On June 2, 2000, one geoprobe boring was drilled to 30' before hitting refusal. The original boring had to be moved seven times due to refusal on cobbles and/or boulders. Soil samples were taken every 5'. No TPHg, BTEX, or MTBE was detected in any of the samples.

The consultant is requesting closure based on the apparent limited extent of the contamination beneath the former gasoline dispenser.

COUNTY OF RIVERSIDE HEALTH SERVICES AGENCY
DEPARTMENT OF ENVIRONMENTAL HEALTH

Underground Storage Tank Closure/Abandonment Application

...ation for closure or abandonment of Underground Storage Tanks. Applicant may submit a copy of the removal plans.
... fees are NON REFUNDABLE and payable when the plans are submitted with this application.

00120
PLAN CHECK NUMBER

NAME OF FACILITY	ADDRESS OF FACILITY (CITY)	PHONE NUMBER
EDWARDS ENTERPRISES	12021 INDIAN AVE D45	760 329-5574
NAME OF OWNER	ADDRESS OF OWNER	PHONE NUMBER
BRIAN EDWARDS	"	"
NAME OF OPERATOR	ADDRESS OF OPERATOR	PHONE NUMBER
"	"	"
NAME OF CONTRACTOR/CONTACT PERSON	ADDRESS OF CONTRACTOR	PHONE NUMBER
CONTRACTORS LICENSE TYPE AND NUMBER (Including Hazardous Materials Certification)		

ANSWER THE FOLLOWING QUESTIONS DESCRIBING THE TANKS TO BE CLOSED OR ABANDONED. IF YOU HAVE MORE THAN FOUR (4) TANKS, PROVIDE INFORMATION ON ADDITIONAL APPLICATION FORM.

	TANK 1	TANK 2	TANK 3	TANK 4
SINGLE/DOUBLE WALL TANK	YES	YES	YES	YES
TANK IN USE (YES/NO)	NO	NO	NO	NO
IS TANK SUSPECTED OF LEAKING (YES/NO)	NO	NO	NO	NO
AGE OF TANK (YEARS)	20	20	20	20
CONSTRUCTION MATERIAL OF TANK(S)	STEEL	STEEL	STEEL	STEEL
HAZARDOUS SUBSTANCE STORAGE HISTORY	GAS	GAS	GAS	GAS

Check the method of closure to be performed:

REMOVAL (✓)

ABANDONMENT ( )

TEMPORARY CLOSURE ( )

DATES FOR WHICH THE TANKS ARE TO BE TEMPORARILY CLOSED (IF APPLICABLE).

NAME OF PERSON TO CONTACT IN AN EMERGENCY		24 HOUR EMERGENCY PHONE NUMBER
BRIAN EDWARDS		760 329-5574
APPLICANT NAME	APPLICANT SIGNATURE	DATE OF APPLICATION
BRIAN EDWARDS	[signature]	7-20-00

PLEASE MAKE YOUR CHECK PAYABLE TO THE COUNTY OF RIVERSIDE

AMOUNT ATTACHED $ 925 .00

FACILITY # 83041

TRANSACTION/OCR NO. ~~A132~~ A132650Z

DOH HEH-008 (Rev. 12-97)

COUNTY OF RIVERSIDE HEALTH SERVICES AGENCY
DEPARTMENT OF ENVIRONMENTAL HEALTH

Underground Storage Tank Closure/Abandonment Application

ation for closure or abandonment of Underground Storage Tanks. Applicant may submit a copy of the removal plans.
. rees are NON REFUNDABLE and payable when the plans are submitted with this application.

00130
PLAN CHECK NUMBER

NAME OF FACILITY	ADDRESS OF FACILITY	(CITY)	PHONE NUMBER
EDWARDS ENTERPRISES	12021 INDIAN AVE	DHS	760 329 5574
NAME OF OWNER	ADDRESS OF OWNER		PHONE NUMBER
BRION EDWARDS	"		"
NAME OF OPERATOR	ADDRESS OF OPERATOR		PHONE NUMBER
"	"		"
NAME OF CONTRACTOR/CONTACT PERSON	ADDRESS OF CONTRACTOR		PHONE NUMBER
CONTRACTORS LICENSE TYPE AND NUMBER (Including Hazardous Materials Certification)			

ANSWER THE FOLLOWING QUESTIONS DESCRIBING THE TANKS TO BE CLOSED OR ABANDONED. IF YOU HAVE MORE THAN FOUR (4) TANKS, PROVIDE INFORMATION ON ADDITIONAL APPLICATION FORM.

	TANK 5	TANK 6	TANK 7	TANK 8
SINGLE/DOUBLE WALL TANK	YES	YES	YES	YES
TANK IN USE (YES/NO)	NO	NO	NO	NO
IS TANK SUSPECTED OF LEAKING (YES/NO)	NO	NO	NO	NO
AGE OF TANK (YEARS)	20	20	20	20
CONSTRUCTION MATERIAL OF TANK(S)	STEEL	STEEL	STEEL	STEEL
HAZARDOUS SUBSTANCE STORAGE HISTORY	GAS	GAS	GAS	DIESEL

Check the method of closure to be performed:

REMOVAL (✓)

ABANDONMENT ( )

TEMPORARY CLOSURE N/A

DATES FOR WHICH THE TANKS ARE TO BE TEMPORARILY CLOSED (IF APPLICABLE).

NAME OF PERSON TO CONTACT IN AN EMERGENCY	24 HOUR EMERGENCY PHONE NUMBER
BRION EDWARDS	760 329-5574

APPLICANT NAME	APPLICANT SIGNATURE	DATE OF APPLICATION
BRION EDWARDS	Brion Edwards	7-20-00

PLEASE MAKE YOUR CHECK PAYABLE TO THE COUNTY OF RIVERSIDE

AMOUNT ATTACHED $ 935 .00

FACILITY # 83041

TRANSACTION/OCR NO. A132650Z

DOH HEH 008 (Rev. 12/97)

COUNTY OF RIVERSIDE HEALTH SERVICES AGENCY
DEPARTMENT OF ENVIRONMENTAL HEALTH

Underground Storage Tank Closure/Abandonment Application

...cation for closure or abandonment of Underground Storage Tanks. Applicant may submit a copy of the removal plans. ...l fees are NON REFUNDABLE and payable when the plans are submitted with this application.

00-130
PLAN CHECK NUMBER

NAME OF FACILITY	ADDRESS OF FACILITY	(CITY)	PHONE NUMBER
EDWARDS ENTERPRISES	12070 INDIAN	DHS	760 329-5574
NAME OF OWNER	ADDRESS OF OWNER		PHONE NUMBER
BRIAN EDWARDS	1.		1.
NAME OF OPERATOR	ADDRESS OF OPERATOR		PHONE NUMBER
1.	1.		1.
NAME OF CONTRACTOR/CONTACT PERSON	ADDRESS OF CONTRACTOR		PHONE NUMBER
CONTRACTORS LICENSE TYPE AND NUMBER (Including Hazardous Materials Certification)			

ANSWER THE FOLLOWING QUESTIONS DESCRIBING THE TANKS TO BE CLOSED OR ABANDONED. IF YOU HAVE MORE THAN FOUR (4) TANKS, PROVIDE INFORMATION ON ADDITIONAL APPLICATION FORM.

	TANK 1	TANK 2	TANK 3	TANK 4
SINGLE/DOUBLE WALL TANK	YES			
TANK IN USE (YES/NO)	NO			
IS TANK SUSPECTED OF LEAKING (YES/NO)	NO			
AGE OF TANK (YEARS)	20			
CONSTRUCTION MATERIAL OF TANK(S)	STEEL			
HAZARDOUS SUBSTANCE STORAGE HISTORY	DIESEL			

Check the method of closure to be performed:

REMOVAL (✓)

ABANDONMENT ( )

TEMPORARY CLOSURE ( )

DATES FOR WHICH THE TANKS ARE TO BE TEMPORARILY CLOSED (IF APPLICABLE).

NAME OF PERSON TO CONTACT IN AN EMERGENCY		24 HOUR EMERGENCY PHONE NUMBER
BRIAN EDWARDS		760 329-5574
APPLICANT NAME	APPLICANT SIGNATURE	DATE OF APPLICATION
BRIAN EDWARDS	Brian Edwards	9-20-00

PLEASE MAKE YOUR CHECK PAYABLE TO THE COUNTY OF RIVERSIDE

AMOUNT ATTACHED $ 925 .00

FACILITY # 83011

TRANSACTION/OCR NO. A1326502

DOH-HEH-008 (Rev 12/97)

DBA: DESERT Hot Spring, City Of FAC # 8295
FAC ADDRESS: 65810 Hacienda STATE ID#
CITY: DHS ZIP: 92240 AREA:
OWNER: DESERT Hot Spring, City Of DIST:
MAILING ADDRESS: 65810 Hacien
MAILING CITY: DHS ST: CA ZIP:
ANNIV: 2/02/97 S SCHG: 2/28/96 5 YR ANNIV:
TANKS: 2 T NOTE: PD

TANK ID#	STATUS	CONTENT	VOL	T SYS / P SYS
RE000408M001DHLI	Active	Diesel	1,000	SW/SUC
RE000408M002DHLI	Active	Unleaded	3,000	SW/

M OP	T DATE T-T	PL DATE PL-T	LD DATE LD-T	PERMIT	INSTALLED
3C	8-20-97 Passed	N/A	6/5/96 Passed		1981
3C	8-20-97 Passed		6/5/96 Passed		1981

DATE INSPECTED: 8/14/90 / / /
DATE PERMIT ISSUED: 11/5/91 / / /

COMMENTS:

REMINDER! BY DECEMBER 22, 1998
U.S.T. OWNERS/OPERATORS ARE RESPONSIBLE
FOR INSURING THEIR TANK SYSTEMS MEET
UNDERGROUND STORAGE TANK UPGRADE REQUIREMENTS

COUNTY OF RIVERSIDE HEALTH SERVICES AGENCY
DEPARTMENT OF ENVIRONMENTAL HEALTH

Underground Storage Tank Closure/Abandonment Application

Application for closure or abandonment of Underground Storage Tanks. Applicant may submit a copy of the removal plans. All fees are NON REFUNDABLE and payable when the plans are submitted with this application.

PLAN CHECK NUMBER

NAME OF FACILITY	ADDRESS OF FACILITY	(CITY)	PHONE NUMBER
DHS City Yard	65810 Hacienda	DHS	329-26[illegible]
NAME OF OWNER	ADDRESS OF OWNER		PHONE NUMBER
City of DHS	65950 Pierson Blvd DHS		[illegible]
NAME OF OPERATOR	ADDRESS OF OPERATOR		PHONE NUMBER
City of DHS	Same		
NAME OF CONTRACTOR/CONTACT PERSON	ADDRESS OF CONTRACTOR		PHONE NUMBER
G+M Cont	- PS - 211 W [illegible]		
CONTRACTORS LICENSE TYPE AND NUMBER (Including Hazardous Materials Certification)			
on file			

ANSWER THE FOLLOWING QUESTIONS DESCRIBING THE TANKS TO BE CLOSED OR ABANDONED. IF YOU HAVE MORE THAN FOUR (4) TANKS, PROVIDE INFORMATION ON ADDITIONAL APPLICATION FORM.

	TANK 1	TANK 2	TANK 3	TANK 4
SINGLE/DOUBLE WALL TANK	Single	Singe		
TANK IN USE (YES/NO)	NO	NO		
IS TANK SUSPECTED OF LEAKING (YES/NO)	NO	NO		
AGE OF TANK (YEARS)	20+	20+		
CONSTRUCTION MATERIAL OF TANK(S)	Steel	Steel		
HAZARDOUS SUBSTANCE STORAGE HISTORY	Gas	Diesel		

Check the method of closure to be performed:

REMOVAL (X)

ABANDONMENT ( )

TEMPORARY CLOSURE ( )

DATES FOR WHICH THE TANKS ARE TO BE TEMPORARILY CLOSED (IF APPLICABLE).

NAME OF PERSON TO CONTACT IN AN EMERGENCY	24 HOUR EMERGENCY PHONE NUMBER
Armas Hills	

APPLICANT NAME	APPLICANT SIGNATURE	DATE OF APPLICATION
Mike Marantz		

PLEASE MAKE YOUR CHECK PAYABLE TO THE COUNTY OF RIVERSIDE

AMOUNT ATTACHED $ 386 .00

FACILITY # [illegible]51

TRANSACTION/OCR NO. A1234562 CK# 5541

County of Riverside Health Services Agency
Department of Environmental Health
Hazardous Materials Management Division
Underground Storage Tank Closure Report

ility Name: CITY OF DESERT HOT SPRINGS
acility Address: 65810 HACIENDA AVE
Facility Contact Person: MIKE + ARMAS HILLS Phone: 329-2653
Contractor: NONE Phone:
HMMS Personnel: SANDY TOSCH

Date: 2-1-99
Plan Check # 99-191
Facility # 82951
# of Tanks Closed: 2
# of Tanks Remaining: NONE

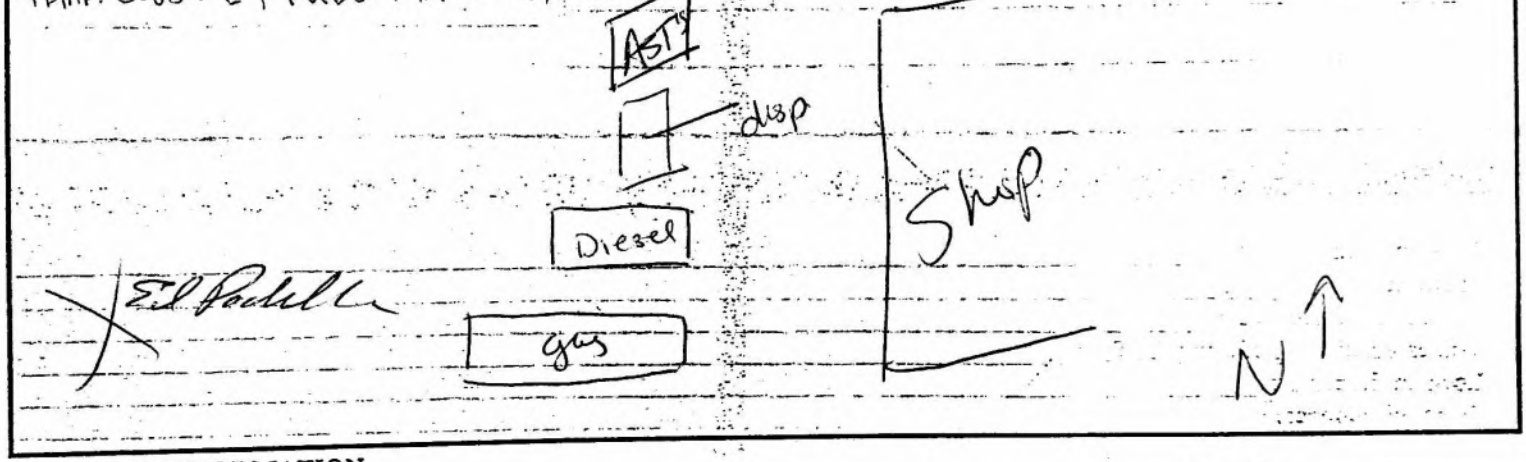
REMOVAL

Tank #	Size	Contents	Appearance(Integrity)

UST(s) Rinsed:
Rinsate Manifest #:
Destination of Rinsate:
Hazardous Waste Hauler:
UST(s) Inerted:
Destination of UST(s):
Certificate of Destruction Requested:

FACILITY MAP

TEMP. CLOSURE, FUEL REMOVED, CAPS LOCKED, POWER DISCONNECTED



SAMPLING INFORMATION

Tank #	Sample #	Depth	Description	Analysis

Depth to UST bottom:
Depth to groundwater:
Samples sealed and chilled:
Chain of Custody:
CA Certified Lab:
Status of excavated materials:
UAR Issued:
Referral to LOP:

ADDITIONAL COMMENTS:

Jared Blumenfeld
Secretary for
Environmental Protection

Department of Toxic Substances Control

Meredith Williams, Acting Director
5796 Corporate Avenue
Cypress, California 90630

Gavin Newsom
Governor

August 9, 2019

Mr. Marcel Azevedo
Dudek, Encinitas
mazevedo@dudek.com

Various sites
PR4-080919-076

Dear: Mr. Azevedo:

We have received your Public Records Act Request for records from Department of Toxic Substances Control.

After a, thorough review of our files we have found that, no such records exist at this office pertaining to the sites/facilities referenced below.

N/R: 65810 Hacienda Ave., Desert Hot Springs, Riverside, 10 acres of land on five contiguous parcels of land, 663320008, 663320009, 663320011, 663320020 & 663320014

We would like to inform you about Envirostor, a database that provides information and documents on over 5,000 DTSC cleanup sites. Envirostor can be accessed at:
http://www.envirostor.dtsc.ca.gov/public

Please begin using our email box to request records. These boxes will also allow other regions to provide support regarding PRARs when needed. Please let me know if you have any questions or concerns. All future PRARs (Public Records Act Requests) are to be emailed to: CypressFileRoom@dtsc.ca.gov and if needed, please continue to fax all requests:(714)484-5318.

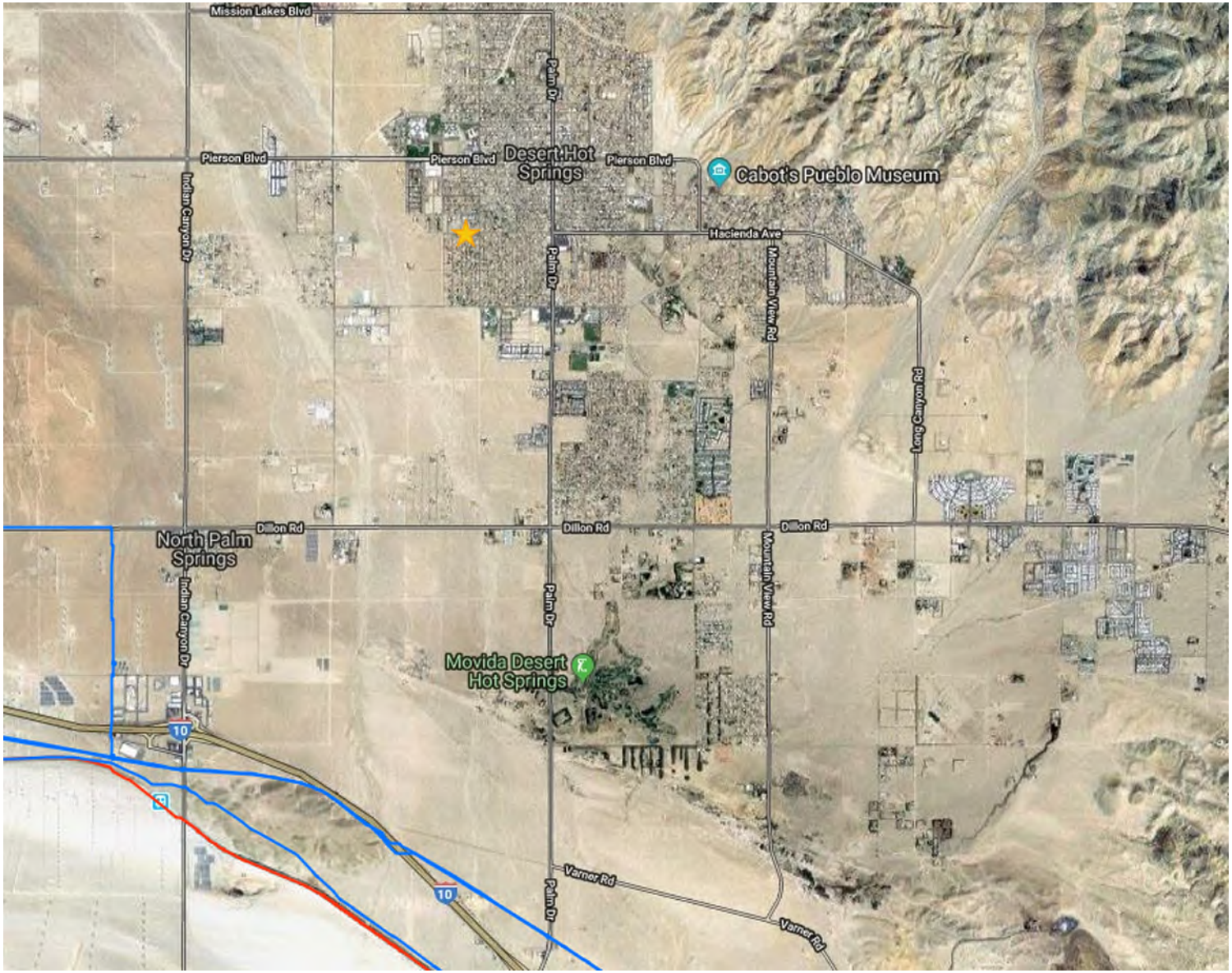
If you have any questions, would like further information regarding your request, please contact our Regional Records Coordinator at (714) 484-5336

Sincerely,

Jone Barrio

Jone Barrio
Regional Records Coordinator
DTSC-Cypress Administrative Services

Printed on Recycled Paper



Legend

- Gas Transmission Pipelines
- Hazardous Liquid Pipelines

1000 m
2000 ft

Pipelines depicted on this map represent gas transmission and hazardous liquid lines only. Gas gathering and gas distribution systems are not represented.

This map should never be used as a substitute for contacting a one-call center prior to excavation activities. Please call 811 before any digging occurs.

Questions regarding this map or its contents can be directed to npms@dot.gov.

Projection: Geographic

Datum: NAD83

Map produced by the Public Viewer application at www.npms.phmsa.dot.gov

Date Printed: Sep 22, 2019

811 Know what's below. Call before you dig.

Appendix E

Site Photographs

APPENDIX B
Site Photographs

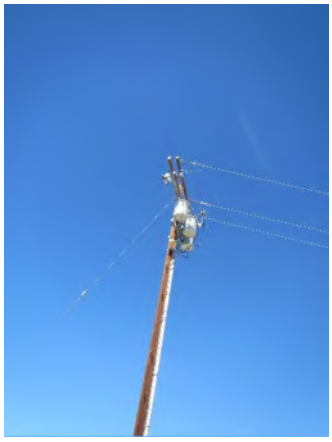
Photograph 1 – Photograph showing the southern portion of the subject property.	Photograph 2 – Photograph showing the shop and garages located on the subject property.
Photograph 3 – Photograph showing the Animal Control facility located on the subject property.	Photograph 4 – Photograph showing the driveway and gated access to the developed portion of the subject property.

Photograph 5 – Photograph showing the eastern undeveloped portion of the subject property.	Photograph 6 – Photograph showing the construction staging area located on the northeastern portion of the subject property.
Photograph 7 – Photograph showing the waste segregation area on the subject property.	Photograph 8 – Photograph showing the office buildings used for general storage.

Photograph 9 – Photograph showing the subject property (right) and northern-adjacent residential housing.	Photograph 10 – Photograph showing the subject property (right) and southern-adjacent residential housing.
Photograph 11 – Photograph showing the eastern-adjacent apartment complex.	Photograph 12 – Photograph showing the subject property (right) and western-adjacent residential housing.

Photograph 13 – Photograph showing a pile of asphalt grindings located in the construction staging portion of the subject property.	Photograph 14 – Photographs showing a small pile of asphalt grindings located on the subject property.
Photograph 15 – Photograph showing a pile of clean sand stored on the subject property.	Photograph 16 – Photograph showing chemical storage in the shop/garage.

Photograph 17 – Photograph showing chemicals stored in a flammable materials cabinet in the shop/garage.	Photograph 18 – Photograph showing chemicals stored in a flammable materials cabinet in the shop/garage.
Photograph 19 – Photograph showing paint stored in the paint shop.	Photograph 20 – Photograph showing the concrete-bermed, covered waste material storage area located on the subject property.

Photograph 21 – Photograph showing the out-of-service compressed natural gas station located on the northern portion of the subject property.	Photograph 22 – Photograph showing a monitoring well located on the southwestern corner of the subject property.
	
Photograph 23 – Photograph showing three pole-mounted transformers located on the subject property.	Photograph 24 – Photograph showing the interior portion of the shop; the hydraulic vehicle lift is beneath the vehicle.

Photograph 25 – Photograph showing the pole-mounted transformers and aboveground storage tanks located on the subject property.	Photograph 26 – Photograph showing the 3,000-gallon gasoline aboveground storage tank.
Photograph 27 – Photograph showing the 1,000-gallon diesel aboveground storage tank.	Photograph 28 – Photograph showing the out-of-service backup generator located on the subject property.

INTENTIONALLY LEFT BLANK

Appendix F

Historical Aerial Photographs

DHS Corporate Yard Park

65810 Hacienda Avenue

Desert Hot Springs, CA 92240

Inquiry Number: 5745244.8

August 08, 2019

The EDR Aerial Photo Decade Package

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

EDR Aerial Photo Decade Package

08/08/19

Site Name:

DHS Corporate Yard Park
65810 Hacienda Avenue
Desert Hot Springs, CA 92240
EDR Inquiry # 5745244.8

Client Name:

Dudek & Associates
605 Third Street
Encinitas, CA 92024
Contact: Marcelo Azevedo

Environmental Data Resources, Inc. (EDR) Aerial Photo Decade Package is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's professional researchers provide digitally reproduced historical aerial photographs, and when available, provide one photo per decade.

Search Results:

Year	Scale	Details	Source
2016	1"=500'	Flight Year: 2016	USDA/NAIP
2012	1"=500'	Flight Year: 2012	USDA/NAIP
2009	1"=500'	Flight Year: 2009	USDA/NAIP
2005	1"=500'	Flight Year: 2005	USDA/NAIP
2002	1"=500'	Acquisition Date: June 03, 2002	USGS/DOQQ
1996	1"=500'	Flight Date: June 04, 1996	USGS
1984	1"=500'	Flight Date: August 24, 1984	USDA
1972	1"=500'	Flight Date: August 17, 1972	USDA
1955	1"=500'	Flight Date: January 01, 1955	USGS
1953	1"=500'	Flight Date: August 19, 1953	USDA

When delivered electronically by EDR, the aerial photo images included with this report are for ONE TIME USE ONLY. Further reproduction of these aerial photo images is prohibited without permission from EDR. For more information contact your EDR Account Executive.

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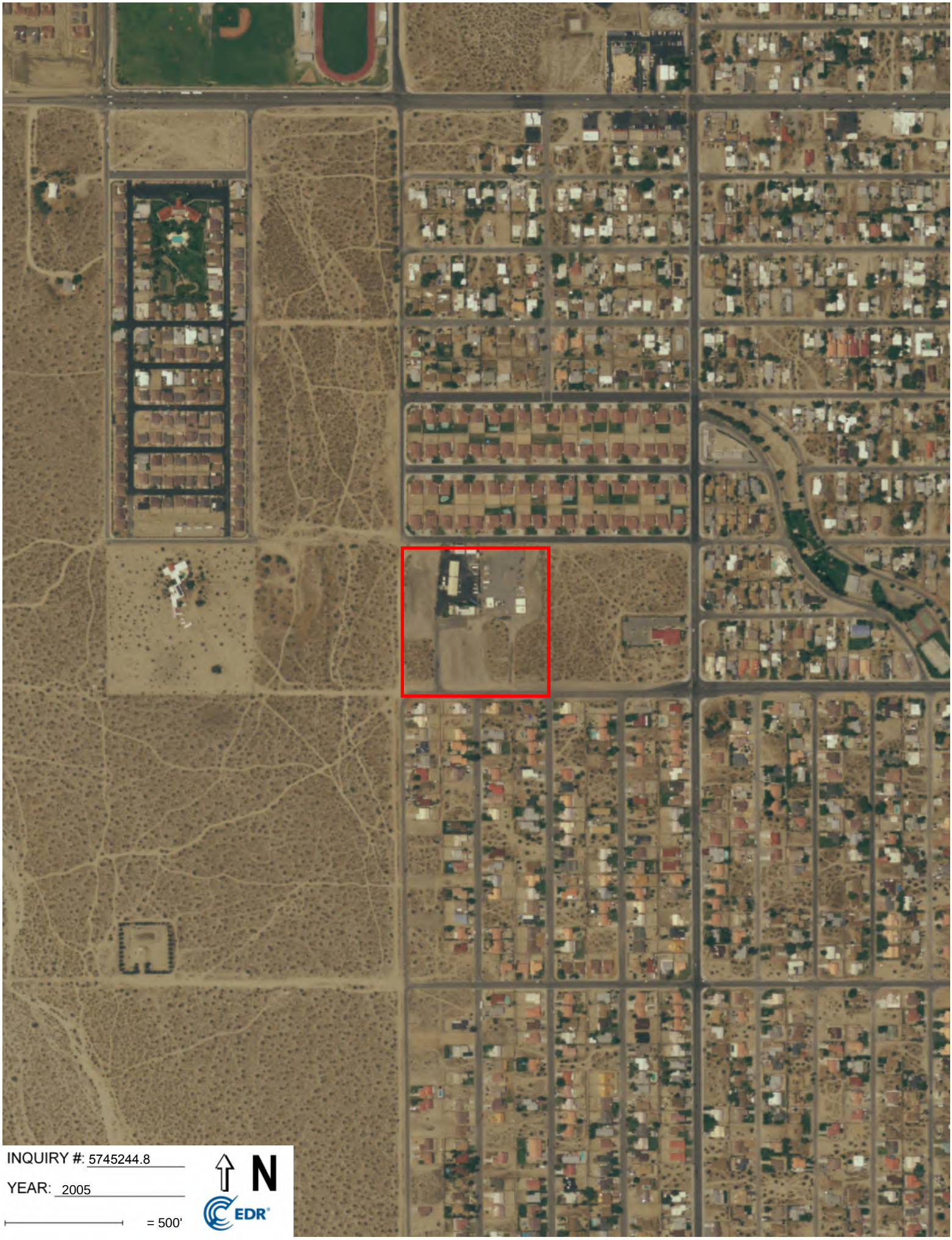
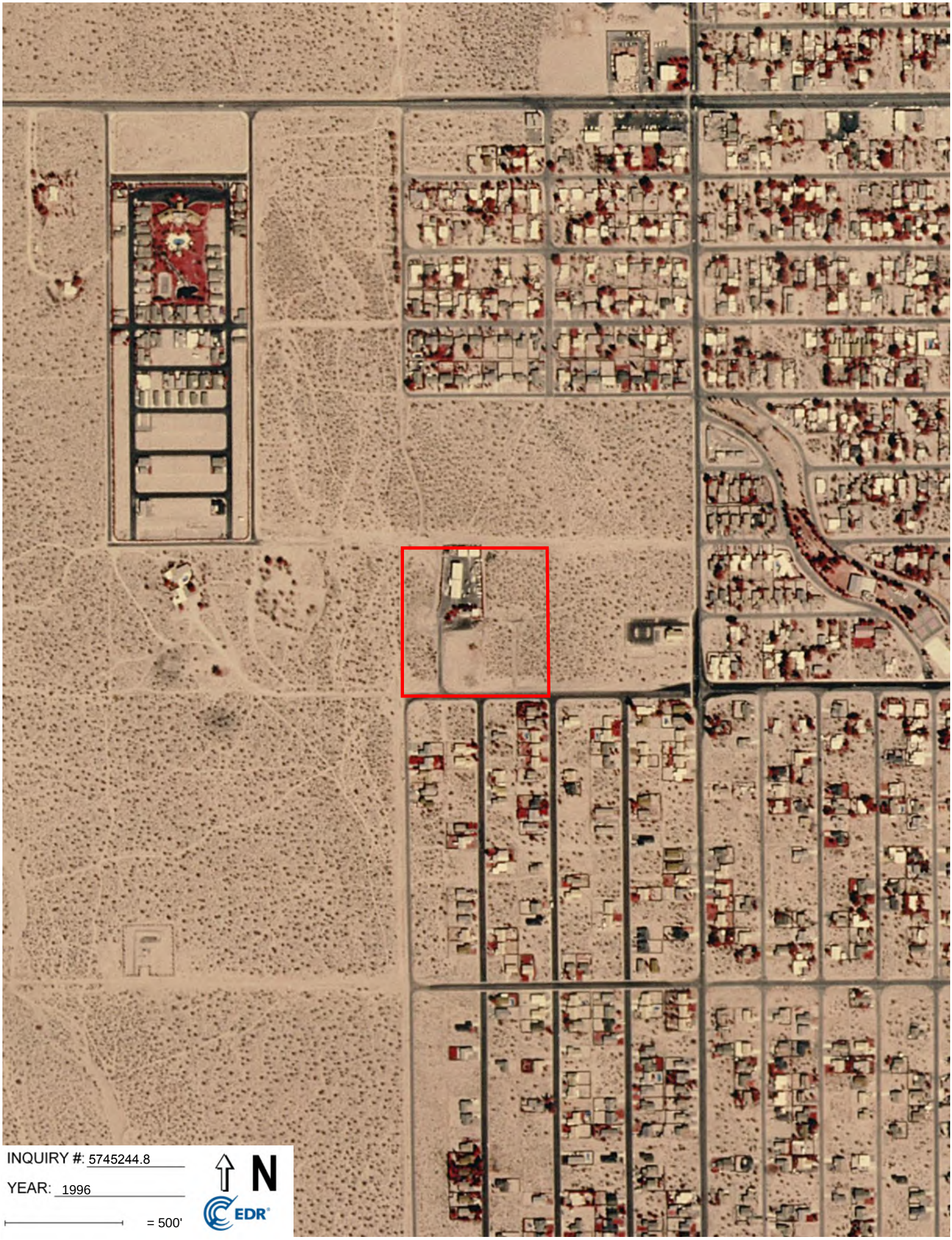
INQUIRY #: 5745244.8
YEAR: 2016
= 500'
N
EDR

INQUIRY #: 5745244.8
YEAR: 2012
= 500'
N
EDR

INQUIRY #: 5745244.8
YEAR: 2009
= 500'
N
EDR


INQUIRY #: 5745244.8
YEAR: 2005
= 500'
N
EDR

INQUIRY #: 5745244.8
YEAR: 2002
= 500'
N
EDR


INQUIRY #: 5745244.8
YEAR: 1996
= 500'
N
EDR

INQUIRY #: 5745244.8
YEAR: 1984
= 500'
N
EDR

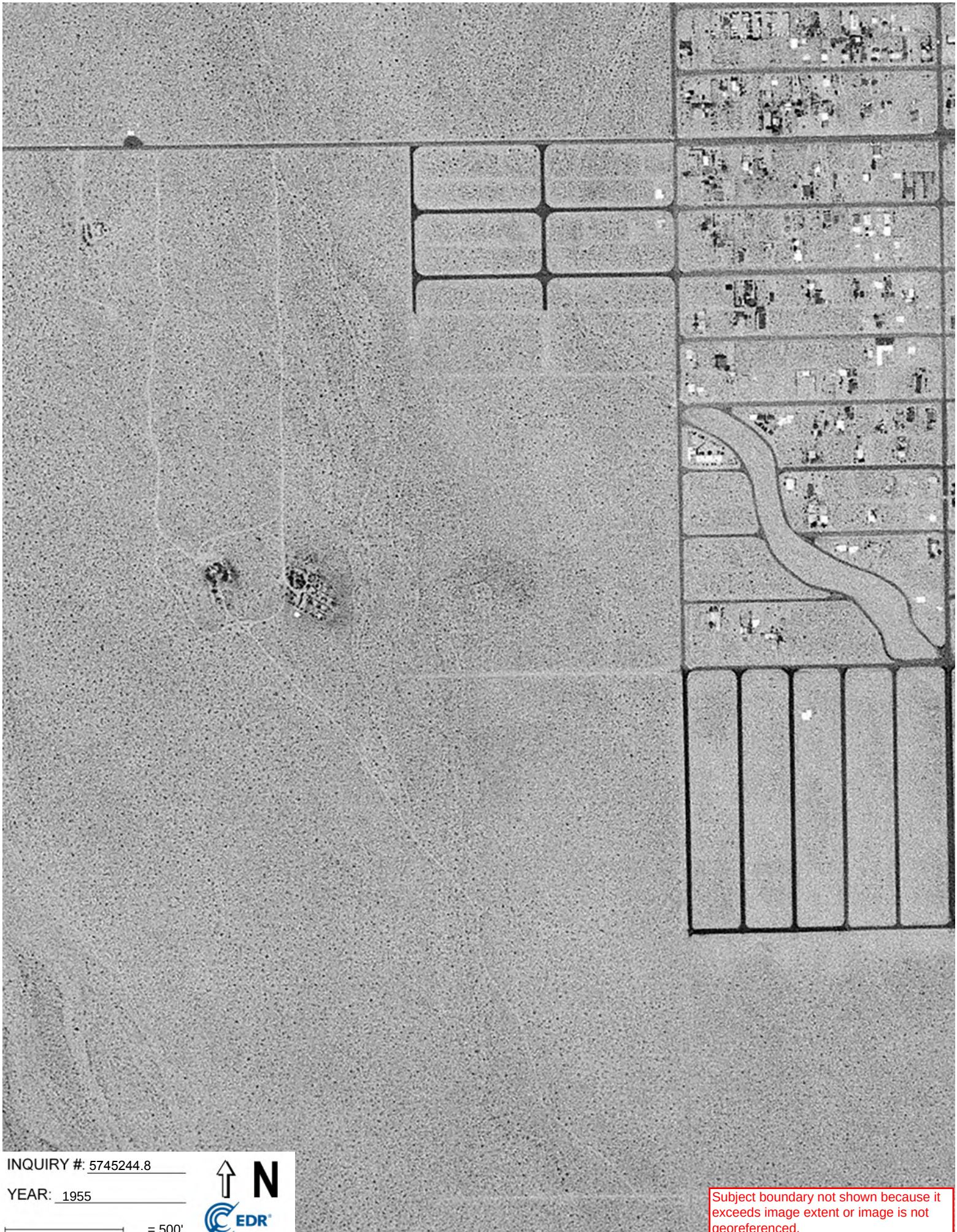
INQUIRY #: 5745244.8

YEAR: 1972

= 500'

N

EDR



INQUIRY #: 5745244.8

YEAR: 1955

= 500'

N

EDR

Subject boundary not shown because it exceeds image extent or image is not georeferenced.

INQUIRY #: 5745244.8

YEAR: 1953

= 500'

N

EDR

Appendix G

Certified Sanborn Map Report

DHS Corporate Yard Park
65810 Hacienda Avenue
Desert Hot Springs, CA 92240

Inquiry Number: 5745244.3
August 07, 2019

Certified Sanborn® Map Report

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

Certified Sanborn® Map Report

08/07/19

Site Name:

DHS Corporate Yard Park
65810 Hacienda Avenue
Desert Hot Springs, CA 92240
EDR Inquiry # 5745244.3

Client Name:

Dudek & Associates
605 Third Street
Encinitas, CA 92024
Contact: Marcelo Azevedo

The Sanborn Library has been searched by EDR and maps covering the target property location as provided by Dudek & Associates were identified for the years listed below. The Sanborn Library is the largest, most complete collection of fire insurance maps. The collection includes maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow, and others. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by the Sanborn Library LLC, the copyright holder for the collection. Results can be authenticated by visiting www.edrnet.com/sanborn.

The Sanborn Library is continually enhanced with newly identified map archives. This report accesses all maps in the collection as of the day this report was generated.

Certified Sanborn Results:

Certification # 86D0-4B2B-8770

PO # 11990

Project DHS Corporate Yard Park

UNMAPPED PROPERTY

This report certifies that the complete holdings of the Sanborn Library, LLC collection have been searched based on client supplied target property information, and fire insurance maps covering the target property were not found.

Sanborn® Library search results

Certification #: 86D0-4B2B-8770

The Sanborn Library includes more than 1.2 million fire insurance maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow and others which track historical property usage in approximately 12,000 American cities and towns. Collections searched:

- ☑ Library of Congress
- ☑ University Publications of America
- ☑ EDR Private Collection

The Sanborn Library LLC Since 1866™

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Dudek & Associates (the client) is permitted to make up to FIVE photocopies of this Sanborn Map transmittal and each fire insurance map accompanying this report solely for the limited use of its customer. No one other than the client is authorized to make copies. Upon request made directly to an EDR Account Executive, the client may be permitted to make a limited number of additional photocopies. This permission is conditioned upon compliance by the client, its customer and their agents with EDR's copyright policy; a copy of which is available upon request.

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Appendix H

City Directory Report

DHS Corporate Yard Park
65810 Hacienda Avenue
Desert Hot Springs, CA 92240

Inquiry Number: 5745244.5
August 13, 2019

The EDR-City Directory Image Report

Environmental Data Resources Inc

6 Armstrong Road
Shelton, CT 06484
800.352.0050
www.edrnet.com

TABLE OF CONTENTS

SECTION

Executive Summary

Findings

City Directory Images

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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EXECUTIVE SUMMARY

DESCRIPTION

Environmental Data Resources, Inc.'s (EDR) City Directory Report is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's City Directory Report includes a search of available city directory data at 5 year intervals.

RECORD SOURCES

EDR's Digital Archive combines historical directory listings from sources such as Cole Information and Dun & Bradstreet. These standard sources of property information complement and enhance each other to provide a more comprehensive report.

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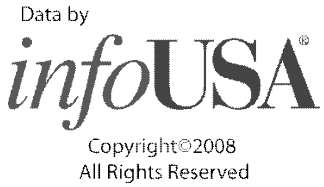

RESEARCH SUMMARY

The following research sources were consulted in the preparation of this report. A check mark indicates where information was identified in the source and provided in this report.

Year	Target Street	Cross Street	Source
2014	☑	☐	EDR Digital Archive
2010	☑	☐	EDR Digital Archive
2005	☑	☐	EDR Digital Archive
2000	☑	☐	EDR Digital Archive
1995	☑	☐	EDR Digital Archive
1992	☑	☐	EDR Digital Archive
1985	☑	☐	Haines Criss-Cross Directory
1981	☑	☐	Haines Criss-Cross Directory
1975	☑	☐	Haines Criss-Cross Directory
1971	☐	☐	Haines Criss-Cross Directory

FINDINGS

TARGET PROPERTY STREET

65810 Hacienda Avenue
Desert Hot Springs, CA 92240

Year	*CD Image*	*Source*	
HACIENDA AVE			
2014	pg A2	EDR Digital Archive	
2010	pg A6	EDR Digital Archive	
2005	pg A9	EDR Digital Archive	
2000	pg A11	EDR Digital Archive	
1995	pg A13	EDR Digital Archive	
1992	pg A15	EDR Digital Archive	
1985	pg A16	Haines Criss-Cross Directory	
1981	pg A17	Haines Criss-Cross Directory	
1975	pg A18	Haines Criss-Cross Directory	
1975	pg A19	Haines Criss-Cross Directory	
1971	-	Haines Criss-Cross Directory	Street not listed in Source

FINDINGS

CROSS STREETS

No Cross Streets Identified

City Directory Images

Target Street	Cross Street	Source
✓	-	EDR Digital Archive

HACIENDA AVE 2014

65624 WEST, JOHN
65909 OCCUPANT UNKNOWN,
66010 HALLAJ, BASHAR
66020 ESCOBEDO, SARA
66030 OCCUPANT UNKNOWN,
66042 RODRIGUEZ, EFRAIN A
66054 GALLEGOS, CARMEN S
66058 OCCUPANT UNKNOWN,
66070 ALDANA, ISAIAS
66088 OCCUPANT UNKNOWN,
66100 COHEN, JAIME A
66120 STRAMOSKI, MATTHEW B
66130 FUNTEZ, RIHARD
66140 OCCUPANT UNKNOWN,
66150 HAUGHTON, P
66164 PAEZ, CHRISTINA
66266 ESCAMILLA, ELIZABETH
66290 TELLO, TOLEDO C
66295 BROWN, JEFF
66300 MORALES, ELISA
66310 DELAO, JOSE A
66338 OCCUPANT UNKNOWN,
66350 OCCUPANT UNKNOWN,
66358 ELAYAAS, KAREN
66404 MENDOZA, AMALIA
66414 ZAZUETA, MIRNA
66534 BONO, DENISE C
66548 OCCUPANT UNKNOWN,
66565 ARRIOLA, JOSEPH
66566 MURHPY, JOSEPH M
66572 ODELL, CHANTELL H
66640 SCHULMAN, MARILYN S
66650 EVERSOLE, PHYLLIS G
FERNANDEZ, LUZ
66670 OCCUPANT UNKNOWN,
66678 ANDERSON, DAVID C
66681 UNANWOKE, CHRISTIAN
66690 HERNANDEZ, ROSARIO T
66700 OCCUPANT UNKNOWN,
66708 TEJEDA, MARIA
66713 LASTER, BERNELL
66714 BARRAGAN, MARIA B
66715 ZEVALLOS, MARCOS A
66719 JENNINGS, BRANDON
66721 OCCUPANT UNKNOWN,
66723 JACKSON, KATHERINE
66725 HERNANDEZ, ROXANNA
66729 CRCHEN, SHEREN
66753 MAIER, KEVIN
OCCUPANT UNKNOWN,

Target Street	Cross Street	Source
✓	-	EDR Digital Archive

HACIENDA AVE 2014 (Cont'd)

66760 RUELAS, RIGOBERTO R
66770 ANGEL VIEW CRIPPLED CHLDRNS F
66810 SIMONS, SCOTT
66824 VALLES, CARMEN G
66834 BOYER, GEORGE A
WRIGHT LAND DEVELOPMENT INC
66840 DEANDA, GREG R
66850 RIVAS, VIDALIA
66860 COOK, WILLIAM K
66870 HARRIS, KALENA
66880 ADAMS, GUY B
BARBON, EMILITA
BORRERO, RAFAEL
DAGUENCA, GALICANO
GUEVARRA, MARY J
MURRAY, ZACHARIAH S
ORDENIS, WINONA
PELEN, STEPHEN A
66890 VILLALOBOS, GUSTAVO
66900 SANCHEZ, DIAN
66922 MUNOZ, MARIANA
TABB, LAURA M
66932 MARTINEZ, MARTIN F
66940 DOUGLAS, MARIA
66970 DOOR CHRISTIAN FELLOWSHIP
67150 AMARO, MARY
APARICIO, RUDY
AVILA, NATASHA C
BAMBUSCH, KEVIN R
CAMPBELL, TRAVIS
COOPER, PAMELA
EDWARDS, LAURIE
GARCIA, ERIKA
GARCIA, ROBIN M
HACIENDA HILLS
HAGLE, BRIANA
HAYLOCK, WAYNE
HOLCOMB, FRANK
JACKSON, MONICA L
JACKSON, PHYLLIS J
JESUS SAVES LLC
JIMENEZ, IRMA
JONES, CHARLOTTE M
JUAREZ, JOEL
LEON, FELIX
MAGEE, SHIRLEY M
MALETTA, LIBBY
MENDOZA, JOEL
PONCE, ARTURO L
RUSSELL, ELESE

HACIENDA AVE 2014 (Cont'd)

67150	SERRANO, VALERIA
	STEED, JASON
	SUTHERLAND, AMANDA
	SWAN, PATRINA
	TREJO, MARICELA
	VASQUEZ, JOSE
	WAIOLAMA, TAMUA
	WHITNEY, ANTONIO
	WILLIAMS, SHANIKA
67200	BROWN, SAMMIE
	CLIFTON, MARCI D
	CROFT, PATRICIA
	EWBANK, ANNA
	HARPER, SHARON
	HUMPHREYS, GEORGE S
	KLEINAU, ED F
	PARISH, R
	PROFESSIONAL APT MGT INC
	SHEFFER, STEVEN H
67255	TERIFAJ, SANDRA
67275	GUINN, URSULA D
67285	TRAMMELL, DOMINIQUE B
67295	THOMPSON, SY
67485	DESERT PALMS SPA MOTEL
67585	CJ GRANDE HOTEL AND SPA
	SUNSET INN ENTERPRISES LTD
67610	PEREIRA, KANDY
	VANRY, BILL B
67711	LYON, JEREMY
67722	JIN, YONG X
	YONG X JIN
67734	LACY, LINDA K
67737	OCCUPANT UNKNOWN,
67749	BELTRAN, JESSICA
67766	MOORE, LIDIA
67796	HERNANDEZ, DANIEL E
67840	DOGSPA RESORT WELLNESS CTR LLC
67847	LOPEZ, TRINIDAD
67859	SCHWARTZ, BEN
67883	OCCUPANT UNKNOWN,
67955	NAYOTL, ELEAZAR
68075	SUPER 1 FOOD STORE
68250	OCCUPANT UNKNOWN,
	THOMAS F WILHELM
68355	WOODARD, EDWIN E
68422	OCCUPANT UNKNOWN,
68460	OCCUPANT UNKNOWN,
68480	OCCUPANT UNKNOWN,
68510	GIBSON GROCERY
	GIBSON, STEVAN W

Target Street	Cross Street	Source
✓	-	EDR Digital Archive

HACIENDA AVE 2014 (Cont'd)

68530 FLECK, D
GIBSON, WILLIAM L
STOUT, TIM
68750 PALM SPRINGS UNIFIED SCHL DIST
PTA CALIFORNIA CONGRESS OF PAR

Target Street	Cross Street	Source
✓	-	EDR Digital Archive

HACIENDA AVE 2010

65624 OCCUPANT UNKNOWN,
66010 TRIGUEROS, NELSON R
66020 ESCOBEDO, SARA
66030 MULHALL, JAMES
66042 OCCUPANT UNKNOWN,
66054 MCGUIRE-SR, SEAN
66058 OCCUPANT UNKNOWN,
SPANISH UNITED PENTACOASTAL CH
66070 ALDANA, ISAIAS
66088 OCCUPANT UNKNOWN,
66100 COHEN, JAIME A
66120 STRAMOSKI, MATTHEW B
66140 OCCUPANT UNKNOWN,
66150 ORTIZ, JUAN A
66164 FLORES, EDDIE
66180 QUINTERO, PEDRO
66266 CARBAJAL, NOEMI
66290 OCCUPANT UNKNOWN,
66295 RIDELLA, JOSEPH J
66300 ARCE, DAVID
66310 DELAO, JOSE A
66338 FLORES, HANK
66350 RIVERA, JAMES
66400 CHEA, MUNYCHHAYA M
TOUN, JOSEPHINE
66404 GOMEZ, ALFREDO
66414 GUTIERRES, GILBERTO
66434 HERNANDEZ, JAVIER
J B COMPUTERS
66534 BONO, DENISE C
66548 OCCUPANT UNKNOWN,
66566 LERMA, ERICA
66572 OMALLEY, TIM L
66604 POLLARD, LEONARD
66650 CASE, KRYSTLE
FERNANDEZ, LUZ
66660 DUHANSKY, MARTIN P
66670 OTERO, RICHARD D
66678 GUEVARA, LUCIA
66681 UNANWOKE, CHRISTIAN
66690 HERNANDEZ, ROSARIO T
66700 RODRIGUEZ, JOSE M
66708 TEJEDA, MARIA
66714 BARRAGAN, MARIA B
66719 GIBBS, AFSANEH
66723 GIBBS, AFSANEH
66753 AREVALO, ADRIAN
OCCUPANT UNKNOWN,
SANTA ROSA IRRIGATION
THEODORE, JR

Target Street	Cross Street	Source
✓	-	EDR Digital Archive

HACIENDA AVE 2010 (Cont'd)

66760 RUELAS, RIGOBERTO R
66770 ANGEL VIEW CRIPPLED CHLDRNS F
ANGEL, MARTIN
66792 PAEZ, EMILY
66800 LOTTRITZ, MARISSA M
66810 RODRIGUEZ, GUMESINDO
66824 FRANCOIS, MARCIA A
66834 WRIGHT LAND DEVELOPMENT INC
WRIGHT, REYNOLDS C
66840 ANTONIO, MAMERTO
66850 LOPEZ, MARTHA P
66860 COOK, WILLIAM K
66870 LANDY, ROBIN L
66880 GUEVARRA, MARY J
IGROS, LUCAS T
66890 VILLALOBOS, GUSTAVO
66912 GUZMAN, RIGOBERTO M
66922 BERRY, MICHAEL
CORTEZ, JESSICA
CRIADO, CONCEPCION
HERNANDEZ, ISRAEL
MILLER, HUGO
66932 MARTINEZ, MARTIN F
66940 MCLAUGHLIN, TIMOTHY P
67200 EUBANK, ANNA
LUNA, SEAN A
MOSS, KENNETH H
PROFESSIONAL APT MGT INC
REPPINE, FRED J
RIFE, CAROL A
67222 PARISH, R
67275 GUINN, URSULA D
67285 MAYOR TILE EXPRESSION
TRAMMELL, DOMINIQUE B
67295 OCCUPANT UNKNOWN,
67305 BROCK, DEBORAH G
67485 DESERT PALMS SPA MOTEL
67585 CRYSTAL HTL & SPA RESORT
SUNSET INN ENTERPRISES LTD
67610 VANRY, BILL B
67616 TINCAU, JOHN M
67711 KLER, KARAN
67722 JIN, YONG X
67734 LACY, LINDA K
67737 KARAFILOSKI, MILENA
67749 BELTRAN, JESSICA
67766 LYCKMAN, SHIRLEY A
67789 PARADISE HOT SPRINGS SPA
67796 INIGUEZ-ESPINOZA, LLUVIA Y
67847 BUDS MASONRY

HACIENDA AVE 2010 (Cont'd)

67847	GELOACH, SHEILA
67859	TELLEZ, ALEJANDRA
67883	FISH
	FISH, MICHAEL A
67955	NAYOTL, ELEAZAR
68075	SUPER 1 FOOD STORE
68250	THOMAS F WILHELM
	WILHELM, THOMAS A
68355	WOODARD S LOCK KEY
	WOODARD, EDWIN E
68422	DURAN, HIPOLITO S
68460	OCCUPANT UNKNOWN,
68480	FUSCO, ALLEN S
68510	GIBSON GROCERY
	GIBSON, MARY M
	SCHWEITZER, CONNIE E
68530	DAKESSIAN, AROUSYAG
	FLECK, D
	GIBSON, WILLIAM L
	VASQUEZ, SANDRA
68750	JULIUS CORSINI ELEM SCHOOL

Target Street	Cross Street	Source
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HACIENDA AVE 2005

65909 CLAIR, JAMES W
66010 ESCOBAR, ALEJANDRO
66020 ESCOBEDO, KAREN
66030 GILPIN, VICKIE
66058 LOPEZ, FORTINO E
66070 ALDANA, ISAIAS
66100 COHEN, JAIME A
66120 STRAMOSKI, MATTHEW B
66130 OCCUPANT UNKNOWN,
66140 HIC, JOSE D
66150 ORTIZ, JUAN A
66290 MADAFARRI, SANDI S
66295 RIDELLA, JOSEPH O
66300 COLEY, MARYANN
66310 DELAO, JOSE A
66338 RUELAS, ANTONIO G
66350 MCFADRIES, MICHELLE M
66358 ORTIZ, RUBEN
66400 OCCUPANT UNKNOWN,
66404 OCCUPANT UNKNOWN,
66414 SORIANO, JAVIER A
66424 HERNANDEZ, AUGUSTO J
66442 LOPEZ, SERGIO O
66604 POLLARD, LEONARD
66640 ARON, LESLIE J
66660 DUHANSKY, MARTIN P
66670 AKKARAPORN, VISARUT
66681 SPOONMORE, FRANCES
66690 HERNANDEZ, ROSARIO T
66700 RODRIGUEZ, JOSE M
66714 BARRAGAN, MARIA B
66760 RUELAS, RIGOBERTO
66770 ANGEL VIEW CRIPPLED CHILDRENS
ANGEL, MARTIN
66792 DAKE, REGIE L
66800 LOTTRITZ, MARISSA M
66810 OCCUPANT UNKNOWN,
66834 FRANSO, NAFIH E
66840 OTTESON, JOSHUA A
66850 ZICK, ROBERT A
66860 CORONA, CARLLEN
66870 PARR, PAMELA J
66880 CALMA, MICHELLE
66890 MARTIN, DONALD E
66900 DELACRUZ, CARL M
66940 ARCRITE ELECTRIC
SPASOJEVIC GEORGE
SPASOJEVIC, DANNY D
67200 BERTHEOLA, HOWARD
COGER, COLIN

HACIENDA AVE 2005 (Cont'd)

67200	COX, ALLEN
	DALTON, GLORIA
	DESILET, GERALD O
	DICKEY, JESSIE M
	EBERT, LORRIE
	GALTERIO, LOUIS
	GRAHAM, JANET
	GUTIERREZ, GIDO
	HASKINS, BARBARA A
	ISENAGLE, MARIJANE
	LUNA, SEAN A
	NINE, MARCELLA J
	PHILLIPS, WILLIE E
	PROFESSIONAL APARTMENT MGT
	SCHULMAN, MARILYN S
67255	LADENES, NICHOLAS T
67275	GUINN, URSULA D
67285	TRAMMELL, DOMINIQUE B
67485	CHOONG ANG MANAGEMENT INC
	DESERT PALMS SPA MOTEL
67585	CRYSTAL HTL & SPA RESORT
	HIDEMI M KAWAI
	SUNSET INN ENTERPRISES LTD
67610	VANRY, WILLIAM
67616	OCCUPANT UNKNOWN,
67751	DESERT TORTOISE INN
	KNEETER, GRETCHEN H
67789	AQUAFINITY
67796	CARDENAS, JESSE
67840	BEAT HOTEL
	MONTE CARLO MOTEL
67955	HASSAN, MAHMOOD
68250	THOMAS F WILHELM
	WILHELM, THOMAS A
68355	GUSSLER, PERCY
68460	HITZELBERGER, JAMES A
68480	CHAVEZ, ARMANDO N
68510	MIRICKI, STEVAN
	NELSON, RENEE
	PARSONS, ELENA
68530	GIBSON, WILLIAM L
	LLOYD, EL

Target Street	Cross Street	Source
✓	-	EDR Digital Archive

HACIENDA AVE 2000

65909 CLAIR JANET D
OCCUPANT UNKNOWN,
66010 ESCOBAR, A
66020 KETTLER, KENNETH W
66100 COHEN, JAIME
66295 RIDELLA, JOSEPH
66300 PATTISHALL, HOMER
66310 DELAO, MARIA E
66338 MERIDA, BAYRON R
66350 OCCUPANT UNKNOWN,
66358 OCCUPANT UNKNOWN,
66400 OCCUPANT UNKNOWN,
66404 OCCUPANT UNKNOWN,
66414 OCCUPANT UNKNOWN,
66424 OCCUPANT UNKNOWN,
66434 HELLAWELL, JASON
66442 LOPEZ, CONSTAN
66604 SALMANS, MARY M
66640 TARR, SALLY
66650 OCCUPANT UNKNOWN,
66660 OCCUPANT UNKNOWN,
66670 OCCUPANT UNKNOWN,
66681 DODY, DON
66690 OCCUPANT UNKNOWN,
66714 BARRAGAN, MARIA B
66760 RUELAS, R
66770 ANGEL VIEW CRIPPLED CHILDRENS
66792 DAKE, REGIE
66800 OCCUPANT UNKNOWN,
66810 KIM, SAN
66860 PAEZ, C
66870 OCCUPANT UNKNOWN,
66880 OCCUPANT UNKNOWN,
66900 MAGDAEL, TAGALA
66910 OCCUPANT UNKNOWN,
66912 GOMEZ, PEDRO
66922 BELTRAN, ANITA L
KISSEL, JERRY
NORTHRUP, ROBIN J
66940 OMS ELECTRIC
SPASOJEVIC, GEORGE
66970 ORDER OF EASTERN STAR
67200 BENOIT, ROBERT O
BERTHOLA, HOWARD
BREEDLOVE, SHARON D
GREEN, WILLIAM
JASTER, NANCY D
LITHGOW, SYLVIA
ORSINO, ERMA
PARHAM, ROBERT R

HACIENDA AVE 2000 (Cont'd)

67200 PAULEY, NANCY
67255 LADENES, NICHOLA
67265 SINKYS, AUGUSTI
67275 GUINN, URSULA D
67285 WOOD, WILLIAM
67295 OCCUPANT UNKNOWN,
67305 OCCUPANT UNKNOWN,
67375 HACIENDA RIVIERA SPA
67485 ANTMAN, ABRAHAM
DESERT PALMS SPA MOTEL
67585 SUNSET INN ENTERPRISES LTD
67610 OCCUPANT UNKNOWN,
67616 OCCUPANT UNKNOWN,
67751 DESERT TORTOISE INN
KNEETER, GRETCH
68355 GUSSIER, PERCY L
68460 ISSEL, RICHARD
68480 CHAVEZ, ARMANDO N
68510 OCCUPANT UNKNOWN,
68530 MALSTAN, MARK W

Target Street	Cross Street	Source
✓	-	EDR Digital Archive

HACIENDA AVE 1995

65624 MOREY, JACK
65909 CLAIR JANET D
CLAIR, JANET
66010 SCHAEFER, SCOTT R
66020 OCCUPANT UNKNOWNN
66030 OCCUPANT UNKNOWNN
66058 LOPEZ, JOE
66070 ALFRED, TRENELL
66088 MARY MERCY REST HOME
MIXON, JAMES C
66164 MOORE, BILLY R
66290 MYERS, SHARON A
66295 RIDELLA, JOSEPH
66300 PATTISHALL, HOMER
66310 PEREZ, DANIELA
66338 OCCUPANT UNKNOWNN
66350 OCCUPANT UNKNOWNN
66358 OCCUPANT UNKNOWNN
66400 FRANKEBERAER, JAMES
66404 PHILLIPS, WILLIE
66414 DITTMAR, RUTH L
66424 MORENO, TONY
66442 LARIOS, IRENE
66604 ANGELINA MERCY
VALONDO, D
66640 TARR, SALLY
66650 OCCUPANT UNKNOWNN
66660 OCCUPANT UNKNOWNN
66670 OCCUPANT UNKNOWNN
66678 GARD, LINDA
66681 OCCUPANT UNKNOWNN
66690 HERNANDEZ, ROSARIO T
66714 DWIGHT, VIRGIL
66784 OCCUPANT UNKNOWNN
66792 ZUNIGA, FIDEL S
66800 LOTTRITZ, ROBERT
66810 KIM, SAN
66860 CLARK, RON A
JOHNSON, JAY
66870 LANDY, CORRINE
66880 OCCUPANT UNKNOWNN
66890 MARTIN, DONALD E
66900 OCCUPANT UNKNOWNN
66912 GOMEZ, PEDRO
66922 IRELAND, CURTIS
66970 ORDER OF EASTERN STAR
67200 GROSS, V
LINDA VISTA LODGE
67255 LADENES, N
67265 SINKYS, A

Target Street	Cross Street	Source
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HACIENDA AVE 1995 (Cont'd)

67275	GUINN, URSULA D
67285	WOOD, WILLIAM
67485	DESERT PALMS SPA MOTEL
67585	SUNSET INN
67751	LORANE MANOR SPA
67840	MONTE CARLO MOTEL
67955	BUGARIN, ED
68075	GIBSON GROCERY & PRODUCE
68250	LOYAL ORDER OF MOOSE 211
68355	GUSSLER, PERCY
68460	ISSEL, RICHARD
68480	CHAVEZ, ARMANDO N
68510	ASH, ROSE
	MIRICKI, STEVAN
68530	GIBSON, BILL
68750	JULIUS CORSINI ELEM SCHOOL

Target Street	Cross Street	Source
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HACIENDA AVE 1992

65624 MOREY, JACK
65909 CLAIR, JANET
66030 BURNS, ALAN
66070 MCLELLAN, VICTOR
66088 MARY MERCY REST HOME
66300 PATTISHALL, HOMER
66310 PEREZ, DANIELA
66400 DONOWHO, FRANK
66404 IBARRA, MANUEL
66604 ANGELINA MERCY
66640 TARR, SALLY
66670 GARCIA, MARIA D
66681 HOOPER, J
66690 WEBB, C E
66714 DRESNER, STEVEN
66792 BETTS, ROD
ZUNIGA, FIDEL S
66860 CLARK, RON A
JOHNSON, JAY
66870 DE LA VICTORIA DAVID B
66890 MARTIN, DONALD E
66922 SESSION, BRUCE
66970 ORDER OF EASTERN STAR
67200 LINDA VISTA LODGE
PATEL, JAGDISH
67255 LADENES, N
67265 SINKYS, A
67285 WOOD, WILLIAM
67375 HACIENDA RIVIERA SPA
HORST & DAGMAR A SCHUCH
67485 DESERT PALM S SPA MOTEL
67585 SUNSET INN
67751 LORANE MANOR
67840 DAVES POOL SUPPLY
HARTSHORN, N
MONTE CARLO MOTEL
68075 GIBSON GROCERIES & PRODUCE
68250 LOYAL ORDER OF MOOSE 211
68460 ISSEL, RICHARD
68510 LOWMAN, MICHAEL J
MIRICKI, STEVAN
68750 JULIUS CORSINI ELEMENTARY SCHL

Target Street	Cross Street	Source
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HACIENDA AVE 1985

HACIENDA AV 92240
DESERT HT SPGS

65624	MOREY JACK	329-5225	
65909	CLAIR JANET	329-5868	
66070	COLARUSSO WM	329-3883	+5
66088	**MARY MERCY HOME**	**329-9167**	+5
66100	WALKER KENNETH	329-8053	0
66220	**DESRT HT SP CTY PKS**	**329-9188**	4
66300	GODDARD CLIFTON K	329-7621	
66310	YOUNGBLOOD DANL	251-1919	+5
66404	BARKER HELEN	251-1811	+5
66414	WENDELL ALAN	329-0588	1
66424	BURLEYSON DEBRA	329-3273	+5
66434	BLAESING CARL F	329-5025	
66604	**MARY MERCY HOME**	**329-6969**	9
66640	TARR SALLY	329-8583	2
66650	HANSEN JAS D	329-5617	+5
66660	RIGNEY ROY	329-3558	4
66670	KUDER PAUL E	251-2276	4
66678	GRIFFIN JOAN	329-8314	1
66690	WEBB CLIFFORD E	329-9278	8
66760	METZ RAYMOND J	329-7846	8
66784	BETTS ROD	329-3033	4
66792	BURKE A M	329-6885	
66912	TACKETT GAYLE	329-4203	+5
66922	MACDOUGAL LAURA	251-2169	4
66940	BLANCATO IGNATIUS	329-0644	0
66970	**ORDER EASTERN STAR**	**329-2010**	2
67200	**LINDA VISTA LODGE**	**329-6401**	0
	SCHNECK JOS	329-3679	+5
67255	LADENES NICHOLAS	251-1146	+5
67285	WOOD WM	329-3228	+5
67375	**HACIENDA RIVIRA SPA**	**329-7010**	
67585	**SUNSET INN**	**329-2219**	+5
	SUNSET INN	**329-4488**	+5
67610	MORONG RALPH	329-2818	+5
67751	**LORANE MANOR**	**329-9090**	
67840	**MONTE CARLO MOTEL**	**329-9058**	6
68075	**GIBSON GROCERY**	**329-5855**	9
	GIBSON PRODUCE	**329-8087**	9
68250A	**LOYAL ORDR MSE 2114**	**329-7986**	9
68510	MIRICKI STEVAN	329-6182	
68530	GIBSON WM L	329-6124	9
68750	**JULIUS CORSINI SCHL**	**329-4421**	+5

★ 14 BUS 28 RES 14 NEW

Target Street	Cross Street	Source
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HACIENDA AVE 1981

HACIENDA 92240
DESERT HT SPGS

65624	MOREY JACK	329-5225	
65700	XXXX	00	
65909	CLAIR JANET	329-5868	
66030	BURNS BRIAN	329-0131	+1
66070	PURCELL ARTHUR L	329-8539	8
66088	**MARY MERCY HOME**	**329-8882**	0
66100	WALKER KENNETH	329-8053	0
66164	XXXX	00	
66272	XXXX	00	
66290	XXXX	00	
66295	DURST LINDA	329-8101	0
66300	GODDARD CLIFTON K	329-7621	4
66310	GRAVES GEOFFREY	329-8236	+1
66400	MEEK RAYMOND	329-0225	+1
66404	XXXX	00	
66414	BROADHEAD CARL V	329-5625	6
	WENDELL ALAN	329-0588	+1
66424	XXXX	00	
66434	BLAESING CARL F	329-5025	5
66442	MALLORY MARK	329-1798	+1
66604	**MARY MERCY HOME**	**329-6969**	9
66640	FRIEDMAN FANNIE	329-8583	0
66650	XXXX	00	
66678	BENSTEAD DON W	329-8062	0
	GRIFFIN JOAN	329-8314	+1
66681	XXXX	00	
66690	WEBB CLIFFORD E	329-9278	8
66714	SOBRINO EUGENIO	329-7564	
66760	METZ RAYMOND J	329-7846	8
66784	XXXX	00	
66792	BURKE A M	329-6885	
66890	GAGLIARDI D C	329-7157	
66912	SANTUCCI ETTORE	329-5579	
66922	MCGILL F E	329-6106	+1
	THOMPSON ROBT	329-5829	0
66940	BLANCATO IGNATIUS	329-0644	0
67200	**LINDA VISTA LODGE**	**329-6401**	0
	PRICE REALTY	**329-1211**	+1
67285	**VIRB ENTERPRISES**	**329-1131**	+1
	VIRB ENTERPRISES	**329-9103**	+1
67375	**HACIENDA RIVRA SPA**	**329-7010**	
67610	XXXX	00	
67751	**HEMPHILL&CO**	**329-1009**	0
t	**LORANE MANOR**	**329-9090**	
67840	**MONTE CARLO MOTEL**	**329-9058**	6
67955	XXXX	00	
68075	**GIBSON GROCERY**	**329-5855**	9
	GIBSON PRODUCE	**329-8087**	9
68230	XXXX	00	
68250	**LIDO HIGHLAND SPA**	**329-6733**	
A	**LOYAL ORDR MSE 2114**	**329-7986**	9
68320	XXXX	00	
68510	MIRICKI STEVAN	329-6182	
68530	GIBSON WILLIAM L	329-6124	9
★	14 BUS 40 RES	10 NEW	

Target Street	Cross Street	Source
✓	-	Haines Criss-Cross Directory

HACIENDA AVE 1975

HACIENDA 92240 DESERT HOT SPGS

65624	MOREY JACK	329-5225
65909	CLAIR JANET	329-5868
66070	MCMANNIS GEO A	329-5493
66088	*PULLEN REST HOME	329-7132
66164	TOMASSI JOHN	329-5601+5
66272	LESNIAK B D	329-6819+5
66295	SAPIENZAE S	329-7292+5
66300	GODDARD CLIFTON K	329-7621 4
66400	HOVING RICHARD	329-6290

Target Street	Cross Street	Source
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HACIENDA AVE 1975

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..HACIENDA                    92240 CONT..
66424 MEIMAR BERTHA             329-8182+!
66434 BLAESING CARL F           329-5025+!
66442  XXXX                     OO
66681 REYNOLDS FRANK E          329-8246+!
66690 MARTIN ELSIE H            329-5357
66714 SOBRINO EUGENIO           329-7564
66760 MUGRDICHIAN M             329-7966+
66784 BURMESCH N J MRS          329-6008
66792 BURKE JOHN M              329-6885
66890 GAGLIARDI D C             329-7157
66912 SANTUCCI ETTORE           329-5579
66922 ADY K E                   329-5042+
      AIKEN OSCAR               329-5481+
      AUSLANDER JOS N           329-7288+
66940 FOWKES WM C               329-6610
67200*LINDA VISTA LODGE         329-9000
67375*HACIENDA RIVRA SPA        329-7010
67610  XXXX                     OO
67616 WHITE MILLARD C           329-5670
67751*LORANE MANOR               329-9090
67840 FLEINER PAUL              329-9058
     *MONTE CARLO THE           329-9058
67955 YOUNG LESTER W            329-8002
68230 DICKSON FRANK             329-6739+5
      KEENEY MARK E             329-5746+5
      SWANSON MARY              329-8192+5
68250*LIDO HIGHLAND SPA         329-6733
68320  XXXX                     OO
68510 MIRICKI STEVAN            329-6182
68530 GIBSON WM L               329-6124
     *   6 BUS   33 RES   13 NEW
```

Appendix I

Environmental Lien Search Report

The NETR Environmental Lien and AUL Search Report

FLORA AVENUE AND CHOLLA DRIVE
DESERT HOT SPRINGS, CALIFORNIA

Wednesday, August 28, 2019

Project Number: L19-01464

2055 East Rio Salado Parkway
Tempe, Arizona 85281

Telephone: 480-967-6752
Fax: 480-966-9422

ENVIRONMENTAL LIEN AND AUL REPORT

The NETR Environmental LienSearch Report provides results from a search of available current land title records for environmental cleanup liens and other activity and use limitations, such as engineering controls and institutional controls.

A network of professional, trained researchers, following established procedures, uses client supplied property information to:

- search for parcel information and/or legal description;
- search for ownership information;
- research official land title documents recorded at jurisdictional agencies such as recorders' office, registries of deed, county clerks' offices, etc.;
- access a copy of the deed;
- search for environmental encumbering instrument(s) associated with the deed;
- provide a copy of any environmental encumbrance(s) based upon a review of key words in the instrument(s) (title, parties involved and description); and
- provide a copy of the deed or cite documents reviewed;

Thank you for your business
Please contact NETR at 480-967-6752
with any questions or comments

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ENVIRONMENTAL LIEN AND AUL REPORT

The NETR Environmental Lien Search Report is intended to assist in the search for environmental liens filed in land title records.

TARGET PROPERTY INFORMATION

ADDRESS

Flora Avenue and Cholla Drive
Desert Hot Springs, California

RESEARCH SOURCE

Source: Riverside County Assessor
Riverside County Recorder

DEED INFORMATION

Type of Instrument: Quit Claim Deed

Grantor: The City of Desert Hot Springs

Grantee: Redevelopment Agency of the City of Desert Hot Springs

Deed Dated: 09/18/2008
Deed Recorded: 10/07/2008
Instrument: 2008-0541582

LEGAL DESCRIPTION

All that certain piece or parcel of land situated and lying in the Northeast Quarter of Section 36, Township 2 South, Range 4 East of the San Bernardino Principal Meridian, Riverside County, State of California

Assessor's Parcel Number(s): 663-320-008

ENVIRONMENTAL LIEN

Environmental Lien: Found ☐ Not Found ☒

OTHER ACTIVITY AND USE LIMITATIONS (AULs)

Other AULs: Found ☐ Not Found ☒

Case Closure Summary for Leaking Underground Storage Tank was filed with the State Water Resources Control Board on 8/5/2000. This is not an Environmental Activity Use Limitation (AUL). Copy is attached.

ENVIRONMENTAL LIEN AND AUL REPORT

TARGET PROPERTY INFORMATION

ADDRESS

Flora Avenue and Cholla Drive
Desert Hot Springs, California

RESEARCH SOURCE

Source: Riverside County Assessor
Riverside County Recorder

DEED INFORMATION

Type of Instrument: Quit Claim Deed

Grantor: Redevelopment Agency of the City of Desert Hot Springs

Grantee: The City of Desert Hot Springs

Deed Dated: 06/13/2016
Deed Recorded: 07/14/2016
Instrument: 2016-029322

LEGAL DESCRIPTION

All that certain piece or parcel of land situated and lying in the Northeast Quarter of Section 36, Township 2 South, Range 4 East of the San Bernardino Principal Meridian, Riverside County, State of California

Assessor's Parcel Number(s): 663-320-009

ENVIRONMENTAL LIEN

Environmental Lien: Found ☐ Not Found ☒

OTHER ACTIVITY AND USE LIMITATIONS (AULs)

Other AULs: Found ☐ Not Found ☒

ENVIRONMENTAL LIEN AND AUL REPORT

TARGET PROPERTY INFORMATION

ADDRESS

Flora Avenue and Cholla Drive
Desert Hot Springs, California

RESEARCH SOURCE

Source: Riverside County Assessor
Riverside County Recorder

DEED INFORMATION

Type of Instrument: Quit Claim Deed

Grantor: Redevelopment Agency of the City of Desert Hot Springs

Grantee: The City of Desert Hot Springs

Deed Dated: 06/13/2016
Deed Recorded: 07/14/2016
Instrument: 2016-029322

LEGAL DESCRIPTION

All that certain piece or parcel of land situated and lying in the Northeast Quarter of Section 36, Township 2 South, Range 4 East of the San Bernardino Principal Meridian, Riverside County, State of California

Assessor's Parcel Number(s): 663-320-011

ENVIRONMENTAL LIEN

Environmental Lien: Found ☐ Not Found ☒

OTHER ACTIVITY AND USE LIMITATIONS (AULs)

Other AULs: Found ☐ Not Found ☒

ENVIRONMENTAL LIEN AND AUL REPORT

TARGET PROPERTY INFORMATION

ADDRESS

Flora Avenue and Cholla Drive
Desert Hot Springs, California

RESEARCH SOURCE

Source: Riverside County Assessor
Riverside County Recorder

DEED INFORMATION

Type of Instrument: Quit Claim Deed

Grantor: The City of Desert Hot Springs

Grantee: Redevelopment Agency of the City of Desert Hot Springs

Deed Dated: 09/18/2008
Deed Recorded: 10/07/2008
Instrument: 2008-0541580

LEGAL DESCRIPTION

All that certain piece or parcel of land situated and lying in the Northeast Quarter of Section 36, Township 2 South, Range 4 East of the San Bernardino Principal Meridian, Riverside County, State of California

Assessor's Parcel Number(s): 663-320-020

ENVIRONMENTAL LIEN

Environmental Lien: Found ☐ Not Found ☒

OTHER ACTIVITY AND USE LIMITATIONS (AULs)

Other AULs: Found ☐ Not Found ☒

ENVIRONMENTAL LIEN AND AUL REPORT

TARGET PROPERTY INFORMATION

ADDRESS

Flora Avenue and Cholla Drive
Desert Hot Springs, California

RESEARCH SOURCE

Source: Riverside County Assessor
Riverside County Recorder

DEED INFORMATION

Type of Instrument: Quit Claim Deed

Grantor: The City of Desert Hot Springs

Grantee: Redevelopment Agency of the City of Desert Hot Springs

Deed Dated: 09/18/2008
Deed Recorded: 10/07/2008
Instrument: 2008-0541581

LEGAL DESCRIPTION

All that certain piece or parcel of land situated and lying in the Northeast Quarter of Section 36, Township 2 South, Range 4 East of the San Bernardino Principal Meridian, Riverside County, State of California

Assessor's Parcel Number(s): 663-320-014

ENVIRONMENTAL LIEN

Environmental Lien: Found ☐ Not Found ☒

OTHER ACTIVITY AND USE LIMITATIONS (AULs)

Other AULs: Found ☐ Not Found ☒

DOC # 2008-0541580
10/07/2008 08:00A Fee:NC
Page 1 of 6
Recorded in Official Records
County of Riverside
Larry W. Ward
Assessor, County Clerk & Recorder

PLEASE COMPLETE THIS INFORMATION
RECORDING REQUESTED BY:
Rick Daniels, Executive Director
Redevelopment Agency of the City of Desert Hot Springs
65950 Pierson Boulevard
Desert Hot Springs, CA 92240
AND WHEN RECORDED MAIL TO:
RICK DANIELS, EXECUTIVE DIRECTOR
REDEVELOPMENT AGENCY OF THE
City of Desert Hot Springs
65950 Pierson Boulevard
Desert Hot Springs, CA 92240

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WHEN RECORDED MAIL THIS TO

Rick Daniels
Executive Director
Redevelopment Agency of the City of Desert Hot Springs
65950 Pierson Blvd.
Desert Hot Springs, CA 92240

SPACE ABOVE THIS LINE FOR RECORDER'S USE

APN 663-320-020

NO RECORDING FEES REQUIRED

QUITCLAIM DEED

Pursuant to G.C. sec. 27383

THE UNDERSIGNED GRANTOR DECLARES
DOCUMENTARY TRANSFER TAX IS $ -0-
City of Desert Hot Springs Redevelopment Agency
Parcel No. 663-320-020
Computed at full value of property conveyed

FOR A VALUABLE CONSIDERATION, receipt of which is hereby acknowledged.

THE CITY OF DESERT HOT SPRINGS

Hereby REMISE, RELEASE, AND FOREVER QUITCLAIM to the
REDEVELOPMENT AGENCY of the CITY OF DESERT HOT SPRINGS

The following described real property in the City of Desert Hot Springs
County of Riverside, State of California

1.63 ACRES IN POR NE ¼ OF SE 36 T2S R4E OF ASSESSORS MAPS

SUBJECT TO: Existing taxes and assessments, covenants, conditions, reservation of rights, easements and rights of way and any and all restrictions of record.

Dated 9/18/08

Rick Daniels
City Manager
City of Desert Hot Springs

DEBBIE FLAKE
Commission # 1757824
Notary Public - California
Riverside County
My Comm. Expires Aug 19, 2011

2008-0541580
10/07/2008 08:00A
2 of 6

ACKNOWLEDGMENT

State of California
County of Riverside)

On Sept 18th, 2008 before me, Debbie Flake, Notary
(insert name and title of the officer)

personally appeared Richard Daniels,
who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

DEBBIE FLAKE
Commission # 1757824
Notary Public - California
Riverside County
My Comm. Expires Jul 19, 2011

Signature Debbie Flake (Seal)

RECORDING REQUESTED BY:
Redevelopment Agency of the
CITY OF DESERT HOT SPRINGS
65950 Pierson Boulevard
Desert Hot Springs, CA 92240

WHEN RECORDED MAIL TO;

City Clerk
CITY OF DESERT HOT SPRINGS
65950 Pierson Boulevard
Desert Hot Springs, CA 92240

(SPACE ABOVE FOR RECORDER'S USE)

(NO RECORDING FEE REQUIRED PURSUANT TO GOVERNMENT CODE 27383)

CERTIFICATE OF ACCEPTANCE

Assessor Parcels No. 663-320-020

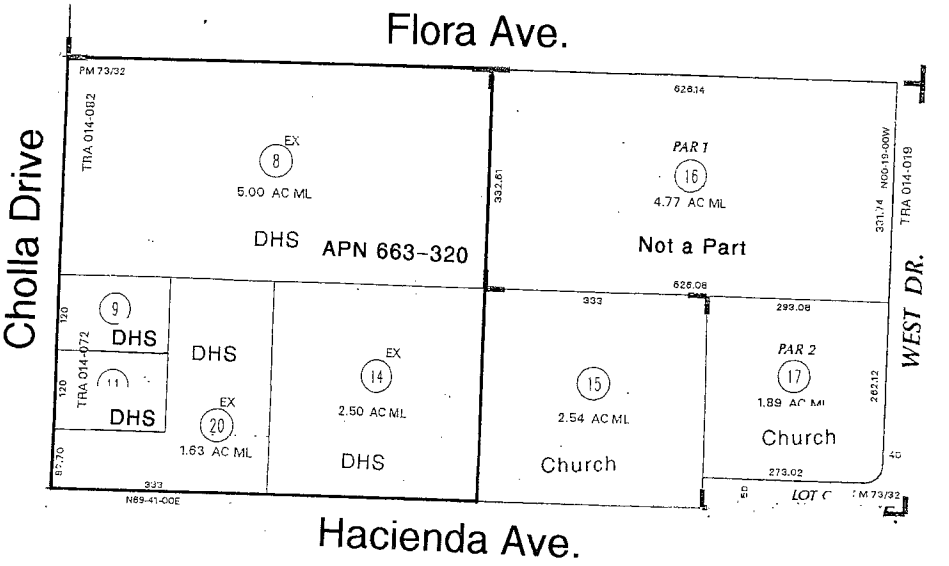
This is to certify that the interest in real property conveyed by the Quitclaim Deed dated May 6, 2008, from The City of Desert Hot Springs, to the Redevelopment Agency of the City of Desert Hot Springs Redevelopment Agency, a governmental agency, is hereby accepted by the undersigned officer or agent on behalf of the Redevelopment Agency of the City of Desert Hot Springs pursuant to authority conferred by the Agency on December 4, 2007 and the grantee consents to recordation thereof by its duly authorized officer.

Dated: May 6, 2008

By: _____
Rick Daniels
Executive Director
City of Desert Hot Springs
Redevelopment Agency

2008-0541580
10/07/2008 08:00A
4 of 6

EXHIBIT "A"



Corporate Yard Project

2008-0541580
10/07/2008 08:00A
5 of 6

= METROSCAN PROPERTY PROFILE =

Riverside (CA)

<<< OWNERSHIP INFORMATION >>>

Parcel Number :663 320 020 S:36 T:02S R:04E Q:NE
Ref Parcel # :000 000 000 Pos Interest:
Owner Name :City Of Desert Hot Springs
CoOwner :
Site Address :*no Site Address*
Mail Address :65950 Pierson Blvd Desert Hot Springs Ca 92240
Telephone :Owner:760-329-6411 Tenant:

<<< SALES AND LOAN INFORMATION >>>

Transferred :07/01/1989 Loan Amount :
Document # :9911322 Lender :
Sale Price : Loan Type :
Deed Type :Misc Interest Rate :
% Owned : Vesting Type :

<<< ASSESSMENT AND TAX INFORMATION >>>

Land :$4,721 Exempt Type :
Structure : Exempt Amount :
Other : Tax Rate Area :14-072
Total :$4,721 Taxes :
% Improved :

<<< PROPERTY DESCRIPTION >>>

Map Grid :696 H4
Census :Tract: Block:
Land Use :Y04 Vacant,Other
Legal :1.63 ACRES IN POR NE 1/4 OF SEC 36
:T2S R4E FOR TOTAL DESCRIPTION SEE
:ASSESSORS MAPS
Sub/Plat :
Book : Page:

<<< PROPERTY CHARACTERISTICS >>>

Bedrooms :	Stories :	YearBuilt:	AgPreserve :	
BathFull :	Units :	MiscImprv:No		
Bath3Qtr :	Bldg SqFt:	Street :	ADDITIONAL	
BathHalf :	Gar SqFt :	Waterfrnt:		
Fireplce :No	Gar Type :	Elect Svc:	RmAddtns	:No
Cntrl Ht :No	Lot Acres:1.63	Gas Svc :	RmAddSF	:
Cntrl A/C :No	Lot SqFt :71,002	WaterSrce:	AddGarType	:
Pool :No	Roof Type:	SewerType:	OthrPkng	:

Information compiled from various sources. Real Estate Solutions makes no representations or warranties as to the accuracy or completeness of information contained in this report.

DOC # 2008-0541581
10/07/2008 08:00A Fee:NC
Page 1 of 5
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County of Riverside
Larry W. Ward
Assessor, County Clerk & Recorder

PLEASE COMPLETE THIS INFORMATION
RECORDING REQUESTED BY:

Rick Daniels, Executive Director
Redevelopment Agency of the City of Desert Hot Springs
65950 Pierson Boulevard
Desert Hot Springs, CA 92240

AND WHEN RECORDED MAIL TO:

RICK DANIELS, EXECUTIVE DIRECTOR
REDEVELOPMENT AGENCY OF THE

City of Desert Hot Springs
65950 Pierson Boulevard
Desert Hot Springs, CA 92240

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WHEN RECORDED MAIL THIS TO

Rick Daniels
Executive Director
Redevelopment Agency of the City of Desert Hot Springs
65950 Pierson Blvd.
Desert Hot Springs, CA 92240

SPACE ABOVE THIS LINE FOR RECORDER'S USE

APN 663-320-014

NO RECORDING FEES REQUIRED

QUITCLAIM DEED

Pursuant to G.C. sec. 27383

THE UNDERSIGNED GRANTOR DECLARES
DOCUMENTARY TRANSFER TAX IS $ -0-
City of Desert Hot Springs Redevelopment Agency
Parcel No. 663-320-014
Computed at full value of property conveyed

FOR A VALUABLE CONSIDERATION, receipt of which is hereby acknowledged.

THE CITY OF DESERT HOT SPRINGS

Hereby REMISE, RELEASE, AND FOREVER QUITCLAIM to the
REDEVELOPMENT AGENCY of the CITY OF DESERT HOT SPRINGS

The following described real property in the City of Desert Hot Springs
County of Riverside, State of California

2.50 ACRES IN POR NE ¼ OF SE 36 T2S R4E OF ASSESSORS MAPS

SUBJECT TO: Existing taxes and assessments, covenants, conditions, reservation of rights, easements and rights of way and any and all restrictions of record.

Dated 9/15/08

Rick Daniels
City Manager
City of Desert Hot Springs

DEBBIE FLAKE
Commission # 1757824
Notary Public - California
Riverside County
My Comm. Expires Jul 19, 2011

2008-0541581
10/07/2008 08:00A
2 of 5

ACKNOWLEDGMENT

State of California
County of Riverside)

On Sept. 18th, 2008 before me, Debbie Flake Notary
(insert name and title of the officer)

personally appeared Richard Daniels,
who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

DEBBIE FLAKE
Commission # 1767824
Notary Public - California
Riverside County
MyComm. Expires Jul 19, 2011

Signature Debbie Flake (Seal)

RECORDING REQUESTED BY:
Redevelopment Agency of the
CITY OF DESERT HOT SPRINGS
65950 Pierson Boulevard
Desert Hot Springs, CA 92240

WHEN RECORDED MAIL TO;

City Clerk
CITY OF DESERT HOT SPRINGS
65950 Pierson Boulevard
Desert Hot Springs, CA 92240

(SPACE ABOVE FOR RECORDER'S USE)

(NO RECORDING FEE REQUIRED PURSUANT TO GOVERNMENT CODE 27383)

CERTIFICATE OF ACCEPTANCE

Assessor Parcels No. 663-320-014

This is to certify that the interest in real property conveyed by the Quitclaim Deed dated May 6, 2008, from The City of Desert Hot Springs, to the Redevelopment Agency of the City of Desert Hot Springs Redevelopment Agency, a governmental agency, is hereby accepted by the undersigned officer or agent on behalf of the Redevelopment Agency of the City of Desert Hot Springs pursuant to authority conferred by the Agency on December 4, 2007 and the grantee consents to recordation thereof by its duly authorized officer.

Dated: May 6, 2008

By: _____
Rick Daniels
Executive Director
City of Desert Hot Springs
Redevelopment Agency

2008-0541581
10/07/2008 08:00A
4 of 5

= METROSCAN PROPERTY PROFILE =

Riverside (CA)

<<< OWNERSHIP INFORMATION >>>

Parcel Number	:663 320 014	S:36 T:02S	R:04E Q:NE
Ref Parcel #	:000 000 000	Pos Interest:	
Owner Name	:City Of Desert Hot Springs		
CoOwner	:		
Site Address	:*no Site Address*		
Mail Address	:65950 Pierson Blvd Desert Hot Springs Ca 92240		
Telephone	:Owner:	Tenant:	

<<< SALES AND LOAN INFORMATION >>>

Transferred	:03/19/2002	Loan Amount	:
Document #	:138999	Lender	:
Sale Price	:$20,000 Full	Loan Type	:
Deed Type	:Grant Deed	Interest Rate	:
% Owned	:100	Vesting Type	:Corporation

<<< ASSESSMENT AND TAX INFORMATION >>>

Land	:	Exempt Type	:
Structure	:	Exempt Amount	:
Other	:	Tax Rate Area	:14-082
Total	:	Taxes	:
% Improved	:		

<<< PROPERTY DESCRIPTION >>>

Map Grid	:696 H4
Census	:Tract: Block:
Land Use	:Y04 Vacant,Other
Legal	:2.50 ACRES IN POR NE 1/4 OF SEC 36
	:T2S R4E FOR TOTAL DESCRIPTION SEE
	:ASSESSORS MAPS
Sub/Plat	:
Book	: Page:

<<< PROPERTY CHARACTERISTICS >>>

Bedrooms	:	Stories :	YearBuilt:	AgPreserve	:
BathFull	:	Units :	MiscImprv:No		
Bath3Qtr	:	Bldg SqFt:	Street :	ADDITIONAL	
BathHalf	:	Gar SqFt :	Waterfrnt:		
Fireplce	:No	Gar Type :	Elect Svc:	RmAddtns	:No
Cntrl Ht	:No	Lot Acres:2.50	Gas Svc :	RmAddSF	:
CntrlA/C	:No	Lot SqFt :108,900	WaterSrce:	AddGarType	:
Pool	:No	Roof Type:	SewerType:	OthrPkng	:

Information compiled from various sources. Real Estate Solutions makes no representations or warranties as to the accuracy or completeness of information contained in this report.

DOC # 2008-0541582
10/07/2008 08:00A Fee:NC
Page 1 of 5
Recorded in Official Records
County of Riverside
Larry W. Ward
Assessor, County Clerk & Recorder

PLEASE COMPLETE THIS INFORMATION
RECORDING REQUESTED BY:
Rick Daniels, Executive Director
Redevelopment Agency of the City of Desert Hot Springs
65950 Pierson Boulevard
Desert Hot Springs, CA 92240

AND WHEN RECORDED MAIL TO:
RICK DANIELS, EXECUTIVE DIRECTOR
REDEVELOPMENT AGENCY OF THE
City of Desert Hot Springs
65950 Pierson Boulevard
Desert Hot Springs, CA 92240

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QUIT CLAIM DEED

Title of Document

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ACR 238P-AS4RE0 (Rev. 06/2007)

WHEN RECORDED MAIL THIS TO

Rick Daniels
Executive Director
Redevelopment Agency of the City of Desert Hot Springs
65950 Pierson Blvd.
Desert Hot Springs, CA 92240

SPACE ABOVE THIS LINE FOR RECORDER'S USE

APN 663-320-008

NO RECORDING FEES REQUIRED

QUITCLAIM DEED

Pursuant to G.C. sec. 27383

THE UNDERSIGNED GRANTOR DECLARES
DOCUMENTARY TRANSFER TAX IS $ -0-
City of Desert Hot Springs Redevelopment Agency
Parcel No. 663-320-008
Computed at full value of property conveyed

FOR A VALUABLE CONSIDERATION, receipt of which is hereby acknowledged.

THE CITY OF DESERT HOT SPRINGS

Hereby REMISE, RELEASE, AND FOREVER QUITCLAIM to the
REDEVELOPMENT AGENCY of the CITY OF DESERT HOT SPRINGS

The following described real property in the City of Desert Hot Springs
County of Riverside, State of California

5.00 ACRES IN POR NE ¼ OF SE 36 T2S R4E OF ASSESSORS MAPS

SUBJECT TO: Existing taxes and assessments, covenants, conditions, reservation of rights, easements and rights of way and any and all restrictions of record.

Dated 9/18/08

Rick Daniels
City Manager
City of Desert Hot Springs

DEBBIE FLAKE
Commission # 1787824
Notary Public - California
Riverside County
My Comm. Expires Jul 19, 2011

2008-0541582
10/07/2008 08:00A
2 of 5

ACKNOWLEDGMENT

State of California
County of Riverside)

On Sept. 18th, 2008 before me, Debbie Flake, Notary
(insert name and title of the officer)

personally appeared Richard Daniels,
who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

DEBBIE FLAKE
Commission # 1757624
Notary Public - California
Riverside County
My Comm. Expires Jul 19, 2011

Signature Debbie Flake (Seal)

RECORDING REQUESTED BY:
Redevelopment Agency of the
CITY OF DESERT HOT SPRINGS
65950 Pierson Boulevard
Desert Hot Springs, CA 92240

WHEN RECORDED MAIL TO;

City Clerk
CITY OF DESERT HOT SPRINGS
65950 Pierson Boulevard
Desert Hot Springs, CA 92240

(SPACE ABOVE FOR RECORDER'S USE)

(NO RECORDING FEE REQUIRED PURSUANT TO GOVERNMENT CODE 27383)

CERTIFICATE OF ACCEPTANCE

Assessor Parcels No. 663-320-008

This is to certify that the interest in real property conveyed by the Quitclaim Deed dated May 6, 2008, from The City of Desert Hot Springs, to the Redevelopment Agency of the City of Desert Hot Springs Redevelopment Agency, a governmental agency, is hereby accepted by the undersigned officer or agent on behalf of the Redevelopment Agency of the City of Desert Hot Springs pursuant to authority conferred by the Agency on December 4, 2007 and the grantee consents to recordation thereof by its duly authorized officer.

Dated: May 6, 2008

By: _____
Rick Daniels
Executive Director
City of Desert Hot Springs
Redevelopment Agency

= METROSCAN PROPERTY PROFILE =

Riverside (CA)

<<< OWNERSHIP INFORMATION >>>

Parcel Number	:663 320 008	S:36	T:02S	R:04E	Q:NE
Ref Parcel #	:000 000 000	Pos Interest:			
Owner Name	:City Of Desert Hot Springs				
CoOwner	:				
Site Address	:*no Site Address*				
Mail Address	:65950 Pierson Blvd Desert Hot Springs Ca 92240				
Telephone	:Owner:760-329-6411 Tenant:				

<<< SALES AND LOAN INFORMATION >>>

Transferred	:03/01/1974	Loan Amount	:
Document #	:33049	Lender	:
Sale Price	:	Loan Type	:
Deed Type	:	Interest Rate	:
% Owned	:100	Vesting Type	:

<<< ASSESSMENT AND TAX INFORMATION >>>

Land	:$11,262	Exempt Type	:
Structure	:	Exempt Amount	:
Other	:	Tax Rate Area	:14-082
Total	:$11,262	Taxes	:
% Improved	:		

<<< PROPERTY DESCRIPTION >>>

Map Grid	:696 H4
Census	:Tract: Block:
Land Use	:Y04 Vacant,Other
Legal	:5.00 ACRES IN POR NE 1/4 OF SEC 36
	:T2S R4E FOR TOTAL DESCRIPTION SEE
	:ASSESSORS MAPS
Sub/Plat	:
Book	: Page:

<<< PROPERTY CHARACTERISTICS >>>

Bedrooms :	Stories :	YearBuilt:	AgPreserve :		
BathFull :	Units :	MiscImprv:No			
Bath3Qtr :	Bldg SqFt:	Street :	ADDITIONAL		
BathHalf :	Gar SqFt :	Waterfrnt:			
Fireplce :No	Gar Type :	Elect Svc:	RmAddtns	:No	
Cntrl Ht :No	Lot Acres:5.00	Gas Svc :	RmAddSF	:	
Cntrl A/C :No	Lot SqFt :217,800	WaterSrce:	AddGarType	:	
Pool :No	Roof Type:	SewerType:	OthrPkng	:	

Information compiled from various sources. Real Estate Solutions makes no representations or warranties as to the accuracy or completeness of information contained in this report.

RECORDING REQUESTED BY
Successor Agency to the
Redevelopment Agency of the
City of Desert Hot Springs

WHEN RECORDED MAIL TO:
City of Desert Hot Springs
65-950 Pierson Boulevard
Desert Hot Springs, CA 92240

Attn: City Clerk

APNs: 663-320-009
663-320-011

2016-0293022
07/14/2016 08:58 AM Fee: $ 0.00
Page 1 of 6
Recorded in Official Records
County of Riverside
Peter Aldana
Assessor-County Clerk-Recorder

149					R	A	Exam: 2708		
Page	DA	PCOR	Misc	Long	RFD	1st Pg	Adtl Pg	Cert	CC
6	1								
SIZE	NCOR	SMF	NCHG	T:					

This document is exempt from the payment of a recording fee pursuant to Government Code Section 27383

DOCUMENTARY TRANSFER TAX $NONE

QUITCLAIM DEED

FOR A VALUABLE CONSIDERATION, receipt of which is hereby acknowledged, Successor Agency to the Redevelopment Agency of the City of Desert Hot Springs, a public body, corporate and politic (the "Grantor") does hereby remise, release and quitclaim to the City of Desert Hot Springs, a public body, corporate and politic (the "Grantee"), any interest that Grantor may have in the real property in the City of Desert Hot Springs, County of Riverside, State of California, described in Attachment "A" attached hereto and incorporated herein by this reference.

SUCCESSOR AGENCY TO THE REDEVELOPMENT AGENCY OF THE CITY OF DESERT HOT SPRINGS, a public body, corporate and politic

Dated 6-13-16

By: Martin Magaña
Martín Magaña
Executive Director
Successor Agency to the Redevelopment Agency of the City of Desert Hot Springs

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

Pursuant to Civil Code Section 1181 and
California Government Code Section 40814

State of California)
County of Riverside) SS.

On, June 13, 2016 before me, Jerryl Soriano, City Clerk for the City of Desert Hot Springs, personally appeared Martín Magaña, Executive Director for the Successor Agency to the Redevelopment Agency of the City of Desert Hot Springs, who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Jerryl Soriano, CMC
City Clerk

Attachment "A"

LEGAL DESCRIPTION

APNs: 663-320-009
663-320-011

Address: Cholla Drive

Corporate Yard

APN 663-320-009

ALL THAT CERTAIN REAL PROPERTY SITUATED IN THE COUNTY OF RIVERSIDE, STATE OF CALIFORNIA, DESCRIBED AS FOLLOWS:

THAT PORTION OF THE NORTHEAST QUARTER OF SECTION 36, TOWNSHIP 2 SOUTH, RANGE 4 EAST, SAN BERNARDINO MERIDIAN, MORE PARTICULARLY DESCRIBED AS FOLLOWS:

BEGINNING AT A POINT IN THE SOUTHERLY LINE OF SAID NORTHEAST QUARTER DISTANT WESTERLY 1332 FEET FROM THE EAST LINE OF SAID NORTHEAST QUARTER;

THENCE NORTHERLY ALONG THE WEST LINE OF THE EASTERLY HALF OF SAID NORTHEAST QUARTER 212.70 FEET TO THE TRUE POINT OF BEGINNING;

THENCE CONTINUING NORTHERLY ALONG SAID WEST LINE 120 FEET;

THENCE EASTERLY 166.50 FEET TO A POINT DISTANT NORTHERLY 332.62 FEET FROM THE SOUTH LINE OF SAID NORTHEAST QUARTER;

THENCE SOUTHERLY 120 FEET;

THENCE WESTERLY 166.50 FEET TO THE TRUE POINT OF BEGINNING.

EXCEPT ANY PORTION WHICH MAY LIE WITHIN THE PROPERTY CONVEYED CHARLES H. RIPPS BY TAX DEED RECORDED MAY 3, 2002 AS INSTRUMENT NO. 236212.

ALSO EXCEPT ANY PORTION WHICH MAY LIE WITHIN THE PROPERTY CONVEYED TO THE CITY OF DESERT HOT SPRINGS BY DEED RECORDED JULY 16, 1985 AS INSTRUMENT NO. 155866 AND BY TAX DEED TO THE CITY OF DESERT HOT SPRINGS RECORDED MAY 23, 1988 AS INSTRUMENT NUMBER 136784 AND BY DEED RECORDED JULY 16, 1985 AS INSTRUMENT NO. 155867.

APN 663-320-011

ALL THAT CERTAIN REAL PROPERTY SITUATED IN THE COUNTY OF RIVERSIDE, STATE OF CALIFORNIA, DESCRIBED AS FOLLOWS:

PARCEL 1:

THAT PORTION OF THE NORTHEAST QUARTER OF SECTION 36, TOWNSHIP 2 SOUTH, RANGE 4 EAST, SAN BERNARDINO MERIDIAN, IN THE CITY OF DESERT HOT SPRINGS, COUNTY OF RIVERSIDE, STATE OF CALIFORNIA, MORE PARTICULARLY DESCRIBED AS FOLLOWS:

BEGINNING AT A POINT IN THE SOUTHERLY LINE OF SAID NORTHEAST QUARTER DISTANT WESTERLY 1332 FEET FROM THE EAST LINE OF SAID NORTHEAST QUARTER;

THENCE NORTHERLY ALONG THE WEST LINE OF THE EASTERLY HALF OF SAID NORTHEAST QUARTER 92.70 FEET TO THE TRUE POINT OF BEGINNING;

THENCE CONTINUING NORTHERLY ALONG SAID WEST LINE 120 FEET;

THENCE EASTERLY 166.50 FEET TO A POINT DISTANT NORTHERLY 212.62 FEET FROM THE SOUTH LINE OF SAID NORTHEAST QUARTER;

THENCE SOUTHERLY 120 FEET;

THENCE WESTERLY 166.50 FEET TO THE TRUE POINT OF BEGINNING.

PARCEL 2:

AN EASEMENT FOR INGRESS AND EGRESS TO BE USED IN COMMON WITH OTHERS OVER A STRIP OF LAND 20 FEET WIDE ADJOINING SAID LAND ON THE EAST AND EXTENDING SOUTHERLY TO THE SOUTH LINE OF SAID NORTHEAST QUARTER.

PARCEL 3:

AN EASEMENT FOR INGRESS AND EGRESS TO BE USED IN COMMON WITH OTHERS OVER A STRIP OF LAND 20 FEET WIDE LYING BETWEEN THE SOUTH LINE OF SAID LAND AND THE SOUTH LINE OF SAID NORTHEAST QUARTER, THE EAST LINE OF SAID STRIP BEING THE SOUTHERLY PROLONGATION OF THE EAST LINE OF SAID LAND.

CERTIFICATE OF ACCEPTANCE

This is to certify that the interest in real property conveyed by written deed or grant dated June 7, 2016, from the Successor Agency to the Redevelopment Agency of the City of Desert Hot Springs to the City of Desert Hot Springs, is hereby accepted by the undersigned officer or agent on behalf of the City of Desert Hot Springs, pursuant to the authority conferred by the City Council of the City of Desert Hot Springs on June 7, 2016, pursuant to Resolution No. 2016-023, and as confirmed and approved by the Successor Agency to the Redevelopment Agency of the City of Desert Hot Springs on June 7, 2016 pursuant to Resolution No. SA-2016-002, and the City of Desert Hot Springs consents to recordation thereof by its duly authorized officer.

By: _____
Martín Magaña
City Manager
City of Desert Hot Springs

Provides for:

Address: Cholla Drive

APNs: 663-320-009
663-320-011

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

Pursuant to Civil Code Section 1181 and
California Government Code Section 40814

State of California)
County of Riverside) SS.

On, June 13, 2016 before me, Jerryl Soriano, City Clerk for the City of Desert Hot Springs, personally appeared Martín Magaña, City Manager for the City of Desert Hot Springs, who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Jerryl Soriano, CMC
City Clerk

(Seal)

City of Desert Hot Springs

CASE CLOSURE SUMMARY
LEAKING UNDERGROUND FUEL STORAGE TANK PROGRAM

SITE NAME: City of Desert Hot Springs City Yard SITE NO: 0016118

I. Agency Information

Date:June 14, 2000

AGENCY NAME: County of Riverside, Department of Environmental Health
Hazardous Materials Management Division
ADDRESS: 47923 Oasis Street, Indio CA 92201 (760) 863-8976
STAFF PERSON: Linda D. Shurlow, REHS-- Hazardous Materials Management Specialist

II. Case Information

SITE NAME: City of Desert Hot Springs City Yard
SITE ADDRESS: 65810 Hacienda Ave., Desert Hot Springs
RB LUSTIS CASE NO: **LOP/LOCAL CASE NO:** 0016118
URR FILING DATE: 3/13/00 **SWEEPS NO:**

RESPONSIBLE PARTIES	ADDRESS	PHONE NUMBER
City of Desert Hot Springs c/o Mile Janis	65950 Pierson Blvd. Desert Hot Springs CA 92240	760-329-6411

TANK #	SIZE	CONTENTS	REMOVED/CLOSED IN-PLACE?	DATE
1	1000 gal	diesel	removed	2/10/00
2	2000 gal	gasoline	removed	2/10/00

III. Release and Site Characterization Information

CAUSE & TYPE OF RELEASE: gasoline and diesel release from the dispenser
SITE CHARACTERIZATION COMPLETE? Yes [X] No [ ]
DATE APPROVED BY OVERSIGHT AGENCY: June 14, 2000

MONITORING WELLS INSTALLED? Yes [ ] No [X] NUMBER:
PROPER SCREEN INTERVAL? Yes [ ] No [ ] N/A [X]
HIGHEST GW DEPTH BELOW GROUND SURFACE: ~200' **LOWEST DEPTH:**
FLOW DIRECTION:

MOST SENSITIVE CURRENT GW USE: domestic
ARE DRINKING WATER WELLS AFFECTED? Yes[ ] No [X]
AQUIFER NAME:

SURFACE WATER AFFECTED? Yes [ ] No [X]
NEAREST/AFFECTED SW NAME:
OFF-SITE BENEFICIAL USE IMPACTS (ADDRESS/LOCATIONS):

REPORTS ON FILE? Yes [X] No [ ]
LOCATION OF REPORTS: County of Riverside, Department of Environmental Health
Hazardous Materials Management Division
4065 County Circle Drive P.O. Box 7600 Riverside CA 92513-7600
(909) 358-5055

CASE CLOSURE SUMMARY
LEAKING UNDERGROUND FUEL STORAGE TANK PROGRAM

SITE NAME: City of Desert Hot Springs City Yard SITE NO: 0016118

III. Release and Site Characterization Information (cont.)

TREATMENT & DISPOSAL OF AFFECTED MATERIAL

MATERIAL	AMOUNT	ACTION (Treatment or disposal & destination)	DATE
TANK PIPING RINSEATE SOIL GROUNDWATER OTHER	2	removed	2/10/00

MAXIMUM DOCUMENTED CONTAMINANT CONCENTRATIONS -- Before & After Cleanup

CONTAMINANT	SOIL				GROUNDWATER	
	BEFORE	DEPTH	AFTER	DEPTH	BEFORE	AFTER
TPH (GAS) TPH (DIESEL) TRPH (418.1) BENZENE TOLUENE XYLENE ETHYLBENZENE MTBE LEAD	860 ppm 31 ppm ND ND ND MD ND 14					

COMMENTS (soil types, depth of remediation, etc.): fine to coarse sand with trace gravel. No active remediation completed.

IV. Closure

DOES COMPLETED CORRECTIVE ACTION PROTECT EXISTING BENEFICIAL USES AS PER THE REGIONAL BOARD BASIN PLAN? Yes [X] No [ ]
DOES COMPLETED CORRECTIVE ACTION PROTECT POTENTIAL BENEFICIAL USES PER THE REGIONAL BOARD BASIN PLAN? Yes [X] No [ ]
DOES THE CORRECTIVE ACTION PROTECT PUBLIC HEALTH FOR CURRENT LAND USE? Yes[X] No [ ]
SITE MANAGEMENT REQUIREMENTS:

SHOULD CORRECTIVE ACTION BE REVIEWED IF LAND USE CHANGES? Yes [ ] No [X]

MONITORING WELLS DECOMMISSIONED? Yes [ ] No [ ] None Installed [X]
NUMBER DECOMMISSIONED: **NUMBER RETAINED:**

LIST ENFORCEMENT ACTIONS TAKEN:
LIST ENFORCEMENT ACTIONS RESCINDED:

CASE CLOSURE SUMMARY
LEAKING UNDERGROUND FUEL STORAGE TANK PROGRAM

SITE NAME: City of Desert Hot Springs City Yard SITE NO: 0016118

V. Local Agency Representative Data

NAME: Earl Tuntland **TITLE:** Asst. Environmental Health Administrator
SIGNATURE: [signature] **DATE:** 8/1/00

VI. RWQCB Notification

DATE SUBMITTED TO RWQCB: **RWQCB RESPONSE:**
RWQCB STAFF NAME: Abdi Haile **TITLE:** Senior Eng. Geologist
SIGNATURE: [signature] **DATE:** 07/26/2000

VII. Additional Comments, Data, Etc.

On February 10, 2000, two tanks and the dispenser were removed. Soil sample results from under the tanks were all ND for TPHg, TPHd, BTEX, and MTBE. Sample results from under the dispenser showed 860 ppm TPHg, 31ppm TPHd, and ND for BTEX and MTBE. The site was placed into LOP.

On June 2, 2000, one geoprobe boring was drilled to 30' before hitting refusal. The original boring had to be moved seven times due to refusal on cobbles and/or boulders. Soil samples were taken every 5'. No TPHg, BTEX, or MTBE was detected in any of the samples.

The consultant is requesting closure based on the apparent limited extent of the contamination beneath the former gasoline dispenser.

Appendix F

Noise Technical Appendix

Field Noise Measurement Data Sheets

DUDEK

FIELD NOISE MEASUREMENT DATA

PROJECT: DHS CORPORATE YARD
PROJECT #: 11990
SITE ID:
SITE ADDRESS:
OBSERVER(S): PEXE VITAR
START DATE: 8/21/19 END DATE: 8/21/19
START TIME: END TIME:

METEOROLOGICAL CONDITIONS
TEMP: 97 F HUMIDITY: 10 % R.H. WIND: CALM (LIGHT) MODERATE
WINDSPD: 4 MPH DIR. N NE E SE S SW W NW VARIABLE STEADY GUSTY
SKY: (SUNNY) (CLEAR) OVRCAST PRTLY CLDY FOG RAIN

ACOUSTIC MEASUREMENTS
MEAS. INSTRUMENT: PICCOLO SLM-3 TYPE 1 2 SERIAL #: 1403 17004
CALIBRATOR: BSWA CA 114 SERIAL #: 480151
CALIBRATION CHECK: PRE-TEST dBA SPL POST-TEST dBA SPL WINDSCRN: YES

SETTINGS: A-WTD (SLOW) FAST FRONTAL RANDOM ANSI OTHER:

REC. #	BEGIN	END	Leq	Lmax	Lmin	L90	L50	L10	OTHER (SPECIFY METRIC
(S+I) 15-16	9:36	9:51	63.1	74.6	47.5				

COMMENTS: READING TAKEN IN FRONT OF 12809 CHOLLA DR. (RESIDENTIAL); PRIMARY NOISE SOURCE IS TRAFFIC ON CHOLLA DR;

SOURCE INFO AND TRAFFIC COUNTS
PRIMARY NOISE SOURCE: (TRAFFIC) AIRCRAFT RAIL INDUSTRIAL OTHER:
ROADWAY TYPE: ASPHALT DIST. TO RDWY C/L OR EOP: 10'
TRAFFIC COUNT DURATION: 15 MIN

COUNT 1 (OR RDWY 1) DIRECTION	NB/EB	SB/WB	NB/EB SPEED	SB/WB SPEED
AUTOS	53			
MED TRKS	0			
HVY TRKS	0			
BUSES	0			
MOTRCLS	0			

IF COUNTING BOTH DIRECTIONS AS ONE, CHECK HERE

COUNT 2 (OR RDWY 2)	MIN NB/EB	MIN SB/WB	SPEED NB/EB	SPEED SB/WB

SPEEDS ESTIMATED BY: RADAR / DRIVING THE PACE
POSTED SPEED LIMIT SIGNS SAY:

OTHER NOISE SOURCES (BACKGROUND): DIST. AIRCRAFT RUSTLING LEAVES DIST. BARKING DOGS (BIRDS) DIST. INDUSTRIAL
DIST. KIDS PLAYING DIST. CONVRSTNS / YELLING DIST. TRAFFIC (LIST RDWYS BELOW) DISTD GARDENERS/LANDSCAPING NOISE
OTHER:

DESCRIPTION / SKETCH
TERRAIN HARD SOFT (MIXED) FLAT OTHER:
PHOTOS 5478; 5479; 5480; 5481; 5482; 5483
OTHER COMMENTS / SKETCH

FIELD NOISE MEASUREMENT DATA

DUDEK

PROJECT DHS CORPORATE YARD — PROJECT # 11990.01
SITE ID
SITE ADDRESS — OBSERVER(S) PETE VITAL
START DATE 8/21/19 — END DATE 8/21/19
START TIME — END TIME

METEOROLOGICAL CONDITIONS
TEMP 99 F — HUMIDITY 10 % R.H. — WIND CALM (LIGHT) MODERATE VARIABLE STEADY GUSTY
WINDSPD 5 MPH — DIR. N NE S SE S SW W NW
SKY (SUNNY) (CLEAR) OVRCAST PRTLY CLDY FOG RAIN

ACOUSTIC MEASUREMENTS
MEAS. INSTRUMENT PICCOLO SLM-3 — TYPE 1 2 — SERIAL # 140317004
CALIBRATOR B&W # 114 — SERIAL # 480 IST
CALIBRATION CHECK — PRE-TEST ____ dBA SPL — POST-TEST ____ dBA SPL — WINDSCRN YES

SETTINGS — A-WTD (SLOW) FAST FRONTAL RANDOM ANSI OTHER:

REC. #	BEGIN	END	Leq	Lmax	Lmin	L90	L50	L10	OTHER (SPECIFY METRIC
(ST2) 17-18	9:56	10:11	63.5	71.2	47.5				

COMMENTS
READING TAKEN IN FRONT OF 65866 FLORA AVE. (RESIDENTIAL); PRIMARY NOISE SOURCE IS DISTANT DOG BARKING; HUM OF INSECTS IN AREA;

SOURCE INFO AND TRAFFIC COUNTS
PRIMARY NOISE SOURCE (TRAFFIC) AIRCRAFT RAIL INDUSTRIAL OTHER:
ROADWAY TYPE: ASPHALT — DIST. TO RDWY C/L OR (EOP): 10'
TRAFFIC COUNT DURATION: 15 MIN

COUNT 1 (OR RDWY 1)	DIRECTION	NB/EB	SB/WB	SPEED NB/EB	SPEED SB/WB
	AUTOS	2			
	MED TRKS	1			
	HVY TRKS	0			
	BUSES	0			
	MOTRCLS	0			

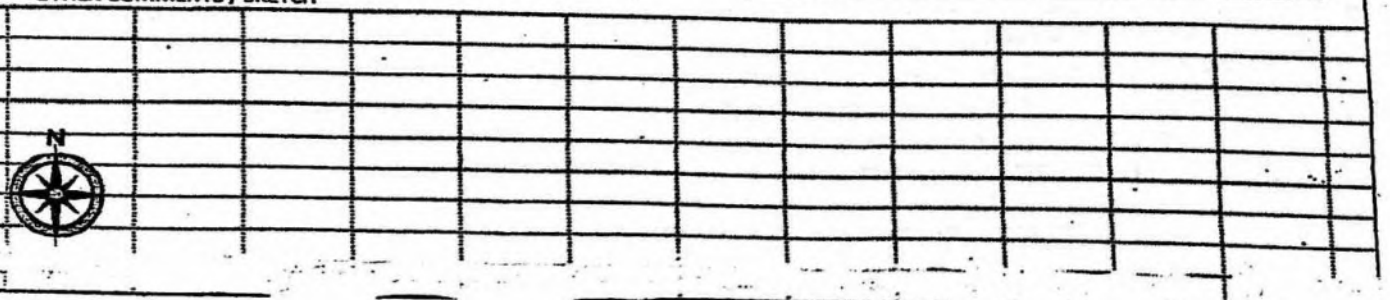
IF COUNTING BOTH DIRECTIONS AS ONE, CHECK HERE ✓

COUNT 2 (OR RDWY 2)	MIN	NB/EB	SB/WB	SPEED NB/EB	SPEED SB/WB

SPEEDS ESTIMATED BY: RADAR / DRIVING THE PACE
POSTED SPEED LIMIT SIGNS SAY:

OTHER NOISE SOURCES (BACKGROUND): DIST. AIRCRAFT RUSTLING LEAVES (DIST. BARKING DOGS) BIRDS DIST. INDUSTRIAL
DIST. KIDS PLAYING DIST. CONVRSTNS / YELLING DIST. TRAFFIC (LIST RDWYS BELOW) DISTD GARDENERS/LANDSCAPING NOISE
(OTHER) INSECT HUMMING NOISE

DESCRIPTION / SKETCH
TERRAIN HARD SOFT (MIXED) FLAT OTHER:
PHOTOS 5485; 5486; 5487; 5488; 5489; 5490
OTHER COMMENTS / SKETCH



DUDEK

FIELD NOISE MEASUREMENT DATA

PROJECT DHS CORPORATE PARD — PROJECT # 119000
SITE ID
SITE ADDRESS — OBSERVER(S) REXE VIVAR
START DATE 8/21/19 — END DATE 8/21/19
START TIME — END TIME

METEOROLOGICAL CONDITIONS

TEMP 101 F — HUMIDITY 10 % R.H. — WIND CALM (LIGHT) MODERATE
WINDSPD 7 MPH — DIR. N NE S SE S SW W NW — VARIABLE STEADY GUSTY
SKY (SUNNY) (CLEAR) — OVRCAST PRTLY CLDY FOG RAIN

ACOUSTIC MEASUREMENTS

MEAS. INSTRUMENT PICCOLO SLM-3 — TYPE 1 2 — SERIAL # 1403170004
CALIBRATOR BSWA CA 114 — SERIAL # 480151
CALIBRATION CHECK — PRE-TEST ____ dBA SPL — POST-TEST ____ dBA SPL — WINDSCRN YES

SETTINGS — A-WTD (SLOW) FAST — FRONTAL RANDOM ANSI — OTHER:

	REC. #	BEGIN	END	Leq	Lmax	Lmin	L90	L50	L10	OTHER (SPECIFY METRIC
(ST3)	19-20	10:17	10:33	59.9	69.9	49.2				

COMMENTS
READING TAKEN ON WEST SIDE OF APARTMENT COMPLEX AT 5921 FLORA AVE AT EDGE OF PARKING AREA; PRIMARY NOISE SOURCE IS HUM OF INSECTS, OCCASIONAL SOUND OF AIR CONDITIONING UNITS (APX 25' AWAY) IN AREA; VERY LIGHT TRAFFIC ON FLORA AVE

SOURCE INFO AND TRAFFIC COUNTS

PRIMARY NOISE SOURCE TRAFFIC AIRCRAFT RAIL INDUSTRIAL (OTHER:)
ROADWAY TYPE: ASPHALT — DIST. TO RDWY C/L OR (EOP): TO EOP ON FLORA AVE ~65'

TRAFFIC COUNT DURATION: 15 MIN — SPEED ____ MIN — SPEED

COUNT 1 (OR RDWY 1) DIRECTION	NB/EB	SB/WB	NB/EB SPEED	SB/WB SPEED	IF COUNTING BOTH DIRECTIONS AS ONE, CHECK HERE	COUNT 2 (OR RDWY 2) DIRECTION	NB/EB	SB/WB	NB/EB SPEED	SB/WB SPEED
AUTOS	6					AUTOS				
MED TRKS	0					MED TRKS				
HVY TRKS	0					HVY TRKS				
BUSES	0					BUSES				
MOTRCLS	0					MOTRCLS				

SPEEDS ESTIMATED BY: RADAR / DRIVING THE PACE — TRAFFIC ON FLORA AVE
POSTED SPEED LIMIT SIGNS SAY:

OTHER NOISE SOURCES (BACKGROUND): DIST. AIRCRAFT RUSTLING LEAVES (DIST. BARKING DOGS) BIRDS DIST. INDUSTRIAL
DIST. KIDS PLAYING DIST. CONVRSTNS / YELLING DIST. TRAFFIC (LIST RDWYS BELOW) DISTD GARDENERS/LANDSCAPING NOISE
OTHER:

DESCRIPTION / SKETCH

TERRAIN HARD SOFT (MIXED) FLAT OTHER:
PHOTOS 5492; 5493; 5494; 5495; 5496; 5497
OTHER COMMENTS / SKETCH

DUDEK

FIELD NOISE MEASUREMENT DATA

PROJECT DHS CORPORATE YARD — PROJECT # 11990
SITE ID
SITE ADDRESS — OBSERVER(S) PFYE VIZAN
START DATE 8/21/19 — END DATE 8/21/19
START TIME — END TIME

METEOROLOGICAL CONDITIONS
TEMP 102 F — HUMIDITY 5 % R.H. — WIND CALM (LIGHT) MODERATE
WINDSPD 8 MPH — DIR. N NE S SE S SW W NW — VARIABLE STEADY GUSTY
SKY (SUNNY) (CLEAR) — OVRCAST PRTLY CLDY FOG RAIN

ACOUSTIC MEASUREMENTS
MEAS. INSTRUMENT PICCOLO SCM-3 — TYPE 1 2 — SERIAL # 1403170014
CALIBRATOR ISSWA CA 114 — SERIAL # 480151
CALIBRATION CHECK — PRE-TEST ____ dBA SPL — POST-TEST ____ dBA SPL — WINDSCRN FES

SETTINGS — A-WTD (SLOW) FAST FRONTAL RANDOM ANSI — OTHER:

REC. #	BEGIN	END	Leq	Lmax	Lmin	L90	L50	L10	OTHER (SPECIFY METRIC
(ST4) 21-22	10:39	10:54	60.7	75.4	45.6				

COMMENTS
READING TAKEN AT NORTHWEST CORNER OF PROPERTY AT 13030 EL RIO LN (RESIDENTIAL); PRIMARY NOISE SOURCE IS TRAFFIC ON [redacted] HACIENDA DR.;

SOURCE INFO AND TRAFFIC COUNTS
PRIMARY NOISE SOURCE (TRAFFIC) AIRCRAFT RAIL INDUSTRIAL OTHER:
ROADWAY TYPE: ASPHALT — DIST. TO RDWY C/L OR (EOP) 15' FOR EOP IN ELRIO LANE
TRAFFIC COUNT DURATION: 15 MIN — SPEED ___ MIN — SPEED

COUNT 1 (OR RDWY 1) DIRECTION	NB/EB	SB/WB	NB/EB SPEED	SB/WB SPEED	IF COUNTING BOTH DIRECTIONS AS ONE, CHECK HERE ✓	COUNT 2 (OR RDWY 2) NB/EB	SB/WB	NB/EB SPEED	SB/WB SPEED
AUTOS	11								
MED TRKS	0								
HVY TRKS	0								
BUSES	0								
MOTRCLS	0								

SPEEDS ESTIMATED BY: RADAR / DRIVING THE PACE — TRAFFIC ON HACIENDA DR.
POSTED SPEED LIMIT SIGNS SAY:

OTHER NOISE SOURCES (BACKGROUND): DIST. AIRCRAFT (RUSTLING LEAVES) (DIST. BARKING DOGS) (BIRDS) DIST. INDUSTRIAL
DIST. KIDS PLAYING DIST. CONVRSTNS / YELLING DIST. TRAFFIC (LIST RDWYS BELOW) DISTD GARDENERS/LANDSCAPING NOISE
OTHER:

DESCRIPTION / SKETCH
TERRAIN HARD SOFT (MIXED) FLAT OTHER:
PHOTOS 5499; 5500; 5501; 5502; 5503; 5504
OTHER COMMENTS / SKETCH

DUDEK

FIELD NOISE MEASUREMENT DATA

PROJECT: DHS CORPORATE YARD — PROJECT #: 11990
SITE ID:
SITE ADDRESS:
START DATE: 8/21/19 — END DATE: 8/21/19
START TIME: — END TIME:
OBSERVER(S): PETE VITAL

METEOROLOGICAL CONDITIONS
TEMP: 105 F — HUMIDITY: 5 % R.H. — WIND: CALM (LIGHT) MODERATE
WINDSPD: 6 MPH — DIR. N NE E SE S SW W NW — VARIABLE STEADY GUSTY
SKY: (SUNNY) (CLEAR) — OVRCAST PRTLY CLDY FOG — RAIN

ACOUSTIC MEASUREMENTS
MEAS. INSTRUMENT: PICCOLO SLM-3 — TYPE 1 2 — SERIAL #: 14031 7004
CALIBRATOR: ISSWA CA 114 — SERIAL #: 480157
CALIBRATION CHECK — PRE-TEST: ____ dBA SPL — POST-TEST: ____ dBA SPL — WINDSCRN: YES

SETTINGS: A-WTD (SLOW) FAST — FRONTAL RANDOM ANSI — OTHER:

REC. #	BEGIN	END	Leq	Lmax	Lmin	L90	L50	L10	OTHER (SPECIFY METRIC
(S-C) 23-24	11:00	11:15	61.1	76.7	49.0				

COMMENTS: READING TAKEN IN VACANT LOT ACROSS NORTH OF INTERSECTION OF HACIENDA DR & VIA REAL; PRIMARY NOISE SOURCE IS TRAFFIC ON HACIENDA DR;

SOURCE INFO AND TRAFFIC COUNTS
PRIMARY NOISE SOURCE: (TRAFFIC) AIRCRAFT RAIL INDUSTRIAL OTHER:
ROADWAY TYPE: ASPHALT — DIST. TO RDWY C/L OR EOP: 100' TO HACIENDA DR C/L
TRAFFIC COUNT DURATION: 15 MIN

COUNT 1 (OR RDWY 1) DIRECTION	NB/EB	SB/WB	SPEED NB/EB	SPEED SB/WB
AUTOS	19			
MED TRKS	1			
HVY TRKS	1			
BUSES	0			
MOTRCLS	0			

IF COUNTING BOTH DIRECTIONS AS ONE, CHECK HERE: ✓

COUNT 2 (OR RDWY 2)	MIN SPEED NB/EB	MIN SPEED SB/WB	SPEED NB/EB	SPEED SB/WB

SPEEDS ESTIMATED BY: RADAR / DRIVING THE PACE
POSTED SPEED LIMIT SIGNS SAY:

OTHER NOISE SOURCES (BACKGROUND): DIST. AIRCRAFT RUSTLING LEAVES DIST. BARKING DOGS (BIRDS) DIST. INDUSTRIAL
DIST. KIDS PLAYING DIST. CONVRSTNS / YELLING DIST. TRAFFIC (LIST RDWYS BELOW) DISTD GARDENERS/LANDSCAPING NOISE
OTHER:

DESCRIPTION / SKETCH
TERRAIN: HARD SOFT (MIXED) FLAT OTHER:
PHOTOS: 5506; 5507; 5508; 5509; 5510; 5511; 5512; 5513
OTHER COMMENTS / SKETCH

Construction Noise Model Input / Output

Report date: 1/27/2020
Case Description: Desert Hot Springs Corporate Yard Project - Demolition

---- Receptor #1 ----

		Baselines (dBA)		
Description	Land Use	Daytime	Evening	Night
Residential - nearest	Residential	65	60	55

Description	Impact Device	Usage(%)	Equipment Spec Lmax (dBA)	Actual Lmax (dBA)	Receptor Distance (feet)	Estimated Shielding (dBA)
Concrete Saw	No	20		89.6	65	0
Excavator	No	40		80.7	65	0
Excavator	No	40		80.7	75	0
Excavator	No	40		80.7	100	0
Dozer	No	40		81.7	75	0
Dozer	No	40		81.7	100	0

Results

	Calculated (dBA)		Noise Limits (dBA)			
			Day		Evening	
Equipment	*Lmax	Leq	Lmax	Leq	Lmax	Leq
Concrete Saw	87.3	80.3	N/A	N/A	N/A	N/A
Excavator	78.4	74.5	N/A	N/A	N/A	N/A
Excavator	77.2	73.2	N/A	N/A	N/A	N/A
Excavator	74.7	70.7	N/A	N/A	N/A	N/A
Dozer	78.1	74.2	N/A	N/A	N/A	N/A
Dozer	75.6	71.7	N/A	N/A	N/A	N/A
Total	87.3	83.2	N/A	N/A	N/A	N/A

*Calculated Lmax is the Loudest value.

---- Receptor #2 ----

		Baselines (dBA)		
Description	Land Use	Daytime	Evening	Night
Residential - typical	Residential	65	60	55

Description	Impact Device	Usage(%)	Equipment Spec Lmax (dBA)	Actual Lmax (dBA)	Receptor Distance (feet)	Estimated Shielding (dBA)
Concrete Saw	No	20		89.6	230	0
Excavator	No	40		80.7	230	0
Excavator	No	40		80.7	230	0
Excavator	No	40		80.7	230	0
Dozer	No	40		81.7	230	0
Dozer	No	40		81.7	230	0

Results

		Calculated (dBA)		Noise Limits (dBA)			
				Day		Evening	
Equipment		*Lmax	Leq	Lmax	Leq	Lmax	Leq
Concrete Saw		76.3	69.3	N/A	N/A	N/A	N/A
Excavator		67.5	63.5	N/A	N/A	N/A	N/A
Excavator		67.5	63.5	N/A	N/A	N/A	N/A
Excavator		67.5	63.5	N/A	N/A	N/A	N/A
Dozer		68.4	64.4	N/A	N/A	N/A	N/A
Dozer		68.4	64.4	N/A	N/A	N/A	N/A
	Total	76.3	73.2	N/A	N/A	N/A	N/A

*Calculated Lmax is the Loudest value.

Roadway Construction Noise Model (RCNM),Version 1.1

Report date: 1/27/2020
Case Description: Desert Hot Springs Corporate Yard Project - Site Prep

		Baselines (dBA)		---- Receptor #1 ----
Description	Land Use	Daytime	Evening	Night
Residential - nearest	Residential	65	60	55

			Equipment Spec	Actual	Receptor	Estimated
	Impact		Lmax	Lmax	Distance	Shielding
Description	Device	Usage(%)	(dBA)	(dBA)	(feet)	(dBA)
Dozer	No	40		81.7	65	0
Dozer	No	40		81.7	65	0
Dozer	No	40		81.7	75	0
Backhoe	No	40		77.6	100	0
Front End Loader	No	40		79.1	75	0
Tractor	No	40	84		100	0
Backhoe	No	40		77.6	120	0

Results

		Calculated (dBA)		Noise Limits (dBA)			
				Day		Evening	
Equipment		*Lmax	Leq	Lmax	Leq	Lmax	Leq
Dozer		79.4	75.4	N/A	N/A	N/A	N/A
Dozer		79.4	75.4	N/A	N/A	N/A	N/A
Dozer		78.1	74.2	N/A	N/A	N/A	N/A
Backhoe		71.5	67.6	N/A	N/A	N/A	N/A
Front End Loader		75.6	71.6	N/A	N/A	N/A	N/A
Tractor		78	74	N/A	N/A	N/A	N/A
Backhoe		70	66	N/A	N/A	N/A	N/A
	Total	79.4	81.6	N/A	N/A	N/A	N/A

*Calculated Lmax is the Loudest value.

---- Receptor #2 ----

Baselines (dBA)

Description	Land Use	Daytime	Evening	Night
Residential - typical	Residential	65	60	55

Description	Impact Device	Usage(%)	Equipment Spec Lmax (dBA)	Actual Lmax (dBA)	Receptor Distance (feet)	Estimated Shielding (dBA)
Dozer	No	40		81.7	230	0
Dozer	No	40		81.7	230	0
Dozer	No	40		81.7	230	0
Backhoe	No	40		77.6	230	0
Front End Loader	No	40		79.1	230	0
Tractor	No	40	84		230	0
Backhoe	No	40		77.6	230	0

Results

	Calculated (dBA)		Noise Limits (dBA)			
			Day		Evening	
Equipment	*Lmax	Leq	Lmax	Leq	Lmax	Leq
Dozer	68.4	64.4	N/A	N/A	N/A	N/A
Dozer	68.4	64.4	N/A	N/A	N/A	N/A
Dozer	68.4	64.4	N/A	N/A	N/A	N/A
Backhoe	64.3	60.3	N/A	N/A	N/A	N/A
Front End Loader	65.9	61.9	N/A	N/A	N/A	N/A
Tractor	70.7	66.8	N/A	N/A	N/A	N/A
Backhoe	64.3	60.3	N/A	N/A	N/A	N/A
Total	70.7	72.2	N/A	N/A	N/A	N/A

*Calculated Lmax is the Loudest value.

Roadway Construction Noise Model (RCNM),Version 1.1

Report date: 1/27/2020
Case Description: Desert Hot Springs Corporate Yard Project - Grading

---- Receptor #1 ----

Baselines (dBA)

Description	Land Use	Daytime	Evening	Night
Residential - nearest	Residential	65	60	55

Description	Impact Device	Usage(%)	Equipment Spec Lmax (dBA)	Actual Lmax (dBA)	Receptor Distance (feet)	Estimated Shielding (dBA)
Excavator	No	40		80.7	65	0
Grader	No	40	85		65	0
Dozer	No	40		81.7	75	0

Backhoe	No	40		77.6	100	0
Front End Loader	No	40		79.1	75	0
Tractor	No	40	84		100	0

Results

	Calculated (dBA)		Noise Limits (dBA)			
			Day		Evening	
Equipment	*Lmax	Leq	Lmax	Leq	Lmax	Leq
Excavator	78.4	74.5	N/A	N/A	N/A	N/A
Grader	82.7	78.7	N/A	N/A	N/A	N/A
Dozer	78.1	74.2	N/A	N/A	N/A	N/A
Backhoe	71.5	67.6	N/A	N/A	N/A	N/A
Front End Loader	75.6	71.6	N/A	N/A	N/A	N/A
Tractor	78	74	N/A	N/A	N/A	N/A
Total	82.7	82.4	N/A	N/A	N/A	N/A

*Calculated Lmax is the Loudest value.

---- Receptor #2 ----

		Baselines (dBA)		
Description	Land Use	Daytime	Evening	Night
Residential - typical	Residential	65	60	55

Description	Impact Device	Usage(%)	Equipment Spec Lmax (dBA)	Actual Lmax (dBA)	Receptor Distance (feet)	Estimated Shielding (dBA)
Excavator	No	40		80.7	230	0
Grader	No	40	85		230	0
Dozer	No	40		81.7	230	0
Backhoe	No	40		77.6	230	0
Front End Loader	No	40		79.1	230	0
Tractor	No	40	84		230	0

Results

	Calculated (dBA)		Noise Limits (dBA)			
			Day		Evening	
Equipment	*Lmax	Leq	Lmax	Leq	Lmax	Leq
Excavator	67.5	63.5	N/A	N/A	N/A	N/A
Grader	71.7	67.8	N/A	N/A	N/A	N/A
Dozer	68.4	64.4	N/A	N/A	N/A	N/A
Backhoe	64.3	60.3	N/A	N/A	N/A	N/A
Front End Loader	65.9	61.9	N/A	N/A	N/A	N/A
Tractor	70.7	66.8	N/A	N/A	N/A	N/A
Total	71.7	72.6	N/A	N/A	N/A	N/A

*Calculated Lmax is the Loudest value.

Case Description: Desert Hot Springs Corporate Yard Project - Building Const

---- Receptor #1 ----

Description	Land Use	Baselines (dBA) Daytime	Evening	Night
Residential - nearest	Residential	65	60	55

Description	Impact Device	Usage(%)	Equipment Spec Lmax (dBA)	Actual Lmax (dBA)	Receptor Distance (feet)	Estimated Shielding (dBA)
Crane	No	16		80.6	65	0
Man Lift	No	20		74.7	65	0
Man Lift	No	20		74.7	75	0
Man Lift	No	20		74.7	100	0
Generator	No	50		80.6	75	0
Tractor	No	40	84		120	0
Front End Loader	No	40		79.1	100	0
Backhoe	No	40		77.6	150	0
Welder / Torch	No	40		74	80	0

Equipment	Calculated (dBA) *Lmax	Leq	Results Noise Limits (dBA) Day Lmax	Day Leq	Evening Lmax	Evening Leq
Crane	78.3	70.3	N/A	N/A	N/A	N/A
Man Lift	72.4	65.4	N/A	N/A	N/A	N/A
Man Lift	71.2	64.2	N/A	N/A	N/A	N/A
Man Lift	68.7	61.7	N/A	N/A	N/A	N/A
Generator	77.1	74.1	N/A	N/A	N/A	N/A
Tractor	76.4	72.4	N/A	N/A	N/A	N/A
Front End Loader	73.1	69.1	N/A	N/A	N/A	N/A
Backhoe	68	64	N/A	N/A	N/A	N/A
Welder / Torch	69.9	65.9	N/A	N/A	N/A	N/A
Total	78.3	78.8	N/A	N/A	N/A	N/A

*Calculated Lmax is the Loudest value.

---- Receptor #2 ----

Description	Land Use	Baselines (dBA) Daytime	Evening	Night
Residential - typical	Residential	65	60	55

Description	Impact Device	Usage(%)	Equipment Spec Lmax (dBA)	Actual Lmax (dBA)	Receptor Distance (feet)	Estimated Shielding (dBA)
Crane	No	16		80.6	230	0
Man Lift	No	20		74.7	230	0
Man Lift	No	20		74.7	230	0
Man Lift	No	20		74.7	230	0
Generator	No	50		80.6	230	0
Tractor	No	40	84		230	0

Front End Loader	No	40	79.1	230	0
Backhoe	No	40	77.6	230	0
Welder / Torch	No	40	74	230	0

			Results			
	Calculated (dBA)		Noise Limits (dBA)			
			Day		Evening	
Equipment	*Lmax	Leq	Lmax	Leq	Lmax	Leq
Crane	67.3	59.3	N/A	N/A	N/A	N/A
Man Lift	61.4	54.5	N/A	N/A	N/A	N/A
Man Lift	61.4	54.5	N/A	N/A	N/A	N/A
Man Lift	61.4	54.5	N/A	N/A	N/A	N/A
Generator	67.4	64.4	N/A	N/A	N/A	N/A
Tractor	70.7	66.8	N/A	N/A	N/A	N/A
Front End Loader	65.9	61.9	N/A	N/A	N/A	N/A
Backhoe	64.3	60.3	N/A	N/A	N/A	N/A
Welder / Torch	60.7	56.8	N/A	N/A	N/A	N/A
Total	70.7	70.9	N/A	N/A	N/A	N/A

*Calculated Lmax is the Loudest value.

Roadway Construction Noise Model (RCNM),Version 1.1

Report date: 1/27/2020
Case Description: Desert Hot Springs Corporate Yard Project - Paving

				---- Receptor #1 ----	
		Baselines (dBA)			
Description	Land Use	Daytime	Evening	Night	
Residential - nearest	Residential	65	60	55	

			Equipment			
			Spec	Actual	Receptor	Estimated
	Impact		Lmax	Lmax	Distance	Shielding
Description	Device	Usage(%)	(dBA)	(dBA)	(feet)	(dBA)
Paver	No	50		77.2	65	0
Paver	No	50		77.2	65	0
Concrete Pump Truck	No	20		81.4	75	0
Concrete Mixer Truck	No	40		78.8	100	0
Roller	No	20		80	75	0
Roller	No	20		80	100	0

			Results			
	Calculated (dBA)		Noise Limits (dBA)			
			Day		Evening	
Equipment	*Lmax	Leq	Lmax	Leq	Lmax	Leq
Paver	74.9	71.9	N/A	N/A	N/A	N/A
Paver	74.9	71.9	N/A	N/A	N/A	N/A
Concrete Pump Truck	77.9	70.9	N/A	N/A	N/A	N/A
Concrete Mixer Truck	72.8	68.8	N/A	N/A	N/A	N/A

Roller		76.5	69.5	N/A	N/A	N/A	N/A
Roller		74	67	N/A	N/A	N/A	N/A
	Total	77.9	78.1	N/A	N/A	N/A	N/A

*Calculated Lmax is the Loudest value.

---- Receptor #2 ----

		Baselines (dBA)		
Description	Land Use	Daytime	Evening	Night
Residential - typical	Residential	65	60	55

Description	Impact Device	Usage(%)	Equipment Spec Lmax (dBA)	Actual Lmax (dBA)	Receptor Distance (feet)	Estimated Shielding (dBA)
Paver	No	50		77.2	230	0
Paver	No	50		77.2	230	0
Concrete Pump Truck	No	20		81.4	230	0
Concrete Mixer Truck	No	40		78.8	230	0
Roller	No	20		80	230	0
Roller	No	20		80	230	0

	Calculated (dBA)		Results Noise Limits (dBA)			
			Day		Evening	
Equipment	*Lmax	Leq	Lmax	Leq	Lmax	Leq
Paver	64	61	N/A	N/A	N/A	N/A
Paver	64	61	N/A	N/A	N/A	N/A
Concrete Pump Truck	68.1	61.2	N/A	N/A	N/A	N/A
Concrete Mixer Truck	65.5	61.6	N/A	N/A	N/A	N/A
Roller	66.7	59.8	N/A	N/A	N/A	N/A
Roller	66.7	59.8	N/A	N/A	N/A	N/A
Total	68.1	68.5	N/A	N/A	N/A	N/A

*Calculated Lmax is the Loudest value.

Roadway Construction Noise Model (RCNM),Version 1.1

Report date: 1/27/2020
Case Description: Desert Hot Springs Corporate Yard Project - Architectural Coating

---- Receptor #1 ----

		Baselines (dBA)		
Description	Land Use	Daytime	Evening	Night
Residential - nearest	Residential	65	60	55

Description	Impact Device	Usage(%)	Equipment Spec Lmax (dBA)	Actual Lmax (dBA)	Receptor Distance (feet)	Estimated Shielding (dBA)
Compressor (air)	No	40		77.7	65	0

Results

		Calculated (dBA)		Noise Limits (dBA)			
				Day		Evening	
Equipment		*Lmax	Leq	Lmax	Leq	Lmax	Leq
Compressor (air)		75.4	71.4	N/A	N/A	N/A	N/A
	Total	75.4	71.4	N/A	N/A	N/A	N/A

*Calculated Lmax is the Loudest value.

---- Receptor #2 ----

Baselines (dBA)

Description	Land Use	Daytime	Evening	Night
Residential - typical	Residential	65	60	55

Equipment

Description	Impact Device	Usage(%)	Spec Lmax (dBA)	Actual Lmax (dBA)	Receptor Distance (feet)	Estimated Shielding (dBA)
Compressor (air)	No	40		77.7	230	0

Results

		Calculated (dBA)		Noise Limits (dBA)			
				Day		Evening	
Equipment		*Lmax	Leq	Lmax	Leq	Lmax	Leq
Compressor (air)		64.4	60.4	N/A	N/A	N/A	N/A
	Total	64.4	60.4	N/A	N/A	N/A	N/A

*Calculated Lmax is the Loudest value.

Traffic Noise Model Input / Output

Traffic Volumes (ADT)

Roadway	Existing 2019	Project Traffic	Existing plus Project	Existing plus Ambient Growth	Existing plus Ambient Growth plus Project	Cumulative Projects	Existing plus Ambient Growth plus Cumulative Projects	Existing plus Ambient Growth plus Cumulative Projects plus Project
Flora Avenue								
Cholla Drive to West Drive	319	94	413	651	745	0	651	745
Hacienda Avenue								
Cholla Drive to West Drive	1733	169	1,902	3535	3704	136	3671	3840
Cholla Drive								
Flora Avenue to Hacienda Avenue	1795	356	2,151	3662	4018	215	3877	4233

Source: Dudek Transportation Group

Dudek					**30 January 2020**						
MG					**TNM 2.5**						
INPUT: ROADWAYS							**Average pavement type shall be used unless**				
PROJECT/CONTRACT:	**11990**						**a State highway agency substantiates the use**				
RUN:	**City of DHS Corp Yard Proj - Existing**						**of a different type with the approval of FHWA**				
Roadway		**Points**									
Name	**Width**	**Name**	**No.**	**Coordinates (pavement)**			**Flow Control**			**Segment**	
				X	**Y**	**Z**	**Control Device**	**Speed Constraint**	**Percent Vehicles Affected**	**Pvmt Type**	**On Struct?**
	ft			ft	ft	ft		mph	%		
Hacienda Ave - Cholla Dr to West Dr	35.0	point3	3	100.0	100.0	1,000.00				Average	
		point4	4	1,000.0	100.0	1,000.00					
Cholla Dr - Flora Ave to Hacienda Ave	30.0	point5	5	200.0	110.0	1,000.00				Average	
		point6	6	200.0	690.0	1,000.00					
Flora Ave - Cholla Dr to West Dr	30.0	point7	7	100.0	700.0	1,000.00				Average	
		point8	8	1,000.0	700.0	1,000.00					

Dudek 30 January 20
MG TNM 2.5

INPUT: TRAFFIC FOR LAeq1h Percentages
PROJECT/CONTRACT: 11990
RUN: City of DHS Corp Yard Proj - Existing

Roadway	Points												
Name	Name	No.	Segment										
			Total	Autos		MTrucks		HTrucks		Buses		Motorcycles	
			Volume	P	S	P	S	P	S	P	S	P	S
			veh/hr	%	mph	%	mph	%	mph	%	mph	%	mph
Hacienda Ave - Cholla Dr to West Dr	point3	3	173	97	25	2	25	1	25	0	0	0	0
	point4	4											
Cholla Dr - Flora Ave to Hacienda Ave	point5	5	180	97	25	2	25	1	25	0	0	0	0
	point6	6											
Flora Ave - Cholla Dr to West Dr	point7	7	32	97	25	2	25	1	25	0	0	0	0
	point8	8											

Dudek						**30 January 2020**					
MG						**TNM 2.5**					
INPUT: RECEIVERS											
PROJECT/CONTRACT:	**11990**										
RUN:	**City of DHS Corp Yard Proj - Existing**										
Receiver											
Name	**No.**	**#DUs**	**Coordinates (ground)**			**Height**	**Input Sound Levels and Criteria**				**Active**
			X	**Y**	**Z**	**above**	**Existing**	**Impact Criteria**		**NR**	**in**
						Ground	**LAeq1h**	**LAeq1h**	**Sub'l**	**Goal**	**Calc.**
			ft	ft	ft	ft	dBA	dBA	dB	dB	
Receiver1 - Flora Ave	1	1	500.0	600.0	1,000.00	5.00	0.00	66	10.0	8.0	Y
Receiver2 - Hacienda Ave	2	1	500.0	200.0	1,000.00	5.00	0.00	66	10.0	8.0	Y
Receiver3 - Cholla Dr	3	1	100.0	400.0	1,000.00	5.00	0.00	66	10.0	8.0	Y

Dudek
MG
30 January 2020
TNM 2.5
Calculated with TNM 2.5

RESULTS: SOUND LEVELS
PROJECT/CONTRACT: 11990
RUN: City of DHS Corp Yard Proj - Existing
BARRIER DESIGN: INPUT HEIGHTS
ATMOSPHERICS: 68 deg F, 50% RH

Average pavement type shall be used unless a State highway agency substantiates the use of a different type with approval of FHWA.

Receiver Name	No.	#DUs	Existing LAeq1h	No Barrier LAeq1h Calculated	Crit'n	Increase over existing Calculated	Crit'n Sub'l Inc	Type Impact	With Barrier Calculated LAeq1h	Noise Reduction Calculated	Goal	Calculated minus Goal
			dBA	dBA	dBA	dB	dB		dBA	dB	dB	dB
Receiver1 - Flora Ave	1	1	0.0	44.0	66	44.0	10	----	44.0	0.0	8	-8.0
Receiver2 - Hacienda Ave	2	1	0.0	50.0	66	50.0	10	----	50.0	0.0	8	-8.0
Receiver3 - Cholla Dr	3	1	0.0	49.9	66	49.9	10	----	49.9	0.0	8	-8.0

Dwelling Units	# DUs	Noise Reduction Min	Avg	Max
		dB	dB	dB
All Selected	3	0.0	0.0	0.0
All Impacted	0	0.0	0.0	0.0
All that meet NR Goal	0	0.0	0.0	0.0

Dudek					**30 January 2020**						
MG					**TNM 2.5**						
INPUT: ROADWAYS							**Average pavement type shall be used unless**				
PROJECT/CONTRACT:	**11990**						**a State highway agency substantiates the use**				
RUN:	**City of DHS Corp Yard Proj - Exist plus Prj**						**of a different type with the approval of FHWA**				
Roadway		**Points**									
Name	**Width**	**Name**	**No.**	**Coordinates (pavement)**			**Flow Control**			**Segment**	
				X	**Y**	**Z**	**Control Device**	**Speed Constraint**	**Percent Vehicles Affected**	**Pvmt Type**	**On Struct?**
	ft			ft	ft	ft		mph	%		
Hacienda Ave - Cholla Dr to West Dr	35.0	point3	3	100.0	100.0	1,000.00				Average	
		point4	4	1,000.0	100.0	1,000.00					
Cholla Dr - Flora Ave to Hacienda Ave	30.0	point5	5	200.0	110.0	1,000.00				Average	
		point6	6	200.0	690.0	1,000.00					
Flora Ave - Cholla Dr to West Dr	30.0	point7	7	100.0	700.0	1,000.00				Average	
		point8	8	1,000.0	700.0	1,000.00					

Dudek **30 January 2(**

MG **TNM 2.5**

INPUT: TRAFFIC FOR LAeq1h Percentages

PROJECT/CONTRACT: **11990**

RUN: **City of DHS Corp Yard Proj - Exist plus Prj**

Roadway	**Points**												
Name	**Name**	**No.**	**Segment**										
			Total	**Autos**		**MTrucks**		**HTrucks**		**Buses**		**Motorcycles**	
			Volume	**P**	**S**	**P**	**S**	**P**	**S**	**P**	**S**	**P**	**S**
			veh/hr	%	mph	%	mph	%	mph	%	mph	%	mph
Hacienda Ave - Cholla Dr to West Dr	point3	3	190	97	25	2	25	1	25	0	0	0	0
	point4	4											
Cholla Dr - Flora Ave to Hacienda Ave	point5	5	215	97	25	2	25	1	25	0	0	0	0
	point6	6											
Flora Ave - Cholla Dr to West Dr	point7	7	41	97	25	2	25	1	25	0	0	0	0
	point8	8											

Dudek						**30 January 2020**					
MG						**TNM 2.5**					
INPUT: RECEIVERS											
PROJECT/CONTRACT:	**11990**										
RUN:	**City of DHS Corp Yard Proj - Exist plus Prj**										
Receiver											
Name	**No.**	**#DUs**	**Coordinates (ground)**			**Height**	**Input Sound Levels and Criteria**				**Active**
			X	**Y**	**Z**	**above**	**Existing**	**Impact Criteria**		**NR**	**in**
						Ground	**LAeq1h**	**LAeq1h**	**Sub'l**	**Goal**	**Calc.**
			ft	ft	ft	ft	dBA	dBA	dB	dB	
Receiver1 - Flora Ave	1	1	500.0	600.0	1,000.00	5.00	0.00	66	10.0	8.0	Y
Receiver2 - Hacienda Ave	2	1	500.0	200.0	1,000.00	5.00	0.00	66	10.0	8.0	Y
Receiver3 - Cholla Dr	3	1	100.0	400.0	1,000.00	5.00	0.00	66	10.0	8.0	Y

RESULTS: SOUND LEVELS **11990**

Dudek **30 January 2020**
MG **TNM 2.5**
Calculated with TNM 2.5

RESULTS: SOUND LEVELS
PROJECT/CONTRACT: 11990
RUN: City of DHS Corp Yard Proj - Exist plus Prj
BARRIER DESIGN: INPUT HEIGHTS
ATMOSPHERICS: 68 deg F, 50% RH

Average pavement type shall be used unless a State highway agency substantiates the use of a different type with approval of FHWA.

Receiver Name	No.	#DUs	Existing LAeq1h	No Barrier LAeq1h Calculated	Crit'n	Increase over existing Calculated	Crit'n Sub'l Inc	Type Impact	With Barrier Calculated LAeq1h	Noise Reduction Calculated	Goal	Calculated minus Goal
			dBA	dBA	dBA	dB	dB		dBA	dB	dB	dB
Receiver1 - Flora Ave	1	1	0.0	44.9	66	44.9	10	----	44.9	0.0	8	-8.0
Receiver2 - Hacienda Ave	2	1	0.0	50.4	66	50.4	10	----	50.4	0.0	8	-8.0
Receiver3 - Cholla Dr	3	1	0.0	50.6	66	50.6	10	----	50.6	0.0	8	-8.0

Dwelling Units	# DUs	Noise Reduction Min	Avg	Max
		dB	dB	dB
All Selected	3	0.0	0.0	0.0
All Impacted	0	0.0	0.0	0.0
All that meet NR Goal	0	0.0	0.0	0.0

Dudek					**30 January 2020**						
MG					**TNM 2.5**						
INPUT: ROADWAYS							**Average pavement type shall be used unless**				
PROJECT/CONTRACT:	**11990**						**a State highway agency substantiates the use**				
RUN:	**City of DHS Corp Yard Proj - Future**						**of a different type with the approval of FHWA**				
Roadway		**Points**									
Name	**Width**	**Name**	**No.**	**Coordinates (pavement)**			**Flow Control**			**Segment**	
				X	**Y**	**Z**	**Control Device**	**Speed Constraint**	**Percent Vehicles Affected**	**Pvmt Type**	**On Struct?**
	ft			ft	ft	ft		mph	%		
Hacienda Ave - Cholla Dr to West Dr	35.0	point3	3	100.0	100.0	1,000.00				Average	
		point4	4	1,000.0	100.0	1,000.00					
Cholla Dr - Flora Ave to Hacienda Ave	30.0	point5	5	200.0	110.0	1,000.00				Average	
		point6	6	200.0	690.0	1,000.00					
Flora Ave - Cholla Dr to West Dr	30.0	point7	7	100.0	700.0	1,000.00				Average	
		point8	8	1,000.0	700.0	1,000.00					

Dudek 30 January 20
MG TNM 2.5

INPUT: TRAFFIC FOR LAeq1h Percentages
PROJECT/CONTRACT: 11990
RUN: City of DHS Corp Yard Proj - Future

Roadway	Points												
Name	Name	No.	Segment										
			Total	Autos		MTrucks		HTrucks		Buses		Motorcycles	
			Volume	P	S	P	S	P	S	P	S	P	S
			veh/hr	%	mph	%	mph	%	mph	%	mph	%	mph
Hacienda Ave - Cholla Dr to West Dr	point3	3	367	97	25	2	25	1	25	0	0	0	0
	point4	4											
Cholla Dr - Flora Ave to Hacienda Ave	point5	5	388	97	25	2	25	1	25	0	0	0	0
	point6	6											
Flora Ave - Cholla Dr to West Dr	point7	7	65	97	25	2	25	1	25	0	0	0	0
	point8	8											

Dudek						**30 January 2020**					
MG						**TNM 2.5**					
INPUT: RECEIVERS											
PROJECT/CONTRACT:	**11990**										
RUN:	**City of DHS Corp Yard Proj - Future**										
Receiver											
Name	**No.**	**#DUs**	**Coordinates (ground)**			**Height**	**Input Sound Levels and Criteria**				**Active**
			X	**Y**	**Z**	**above**	**Existing**	**Impact Criteria**		**NR**	**in**
						Ground	**LAeq1h**	**LAeq1h**	**Sub'l**	**Goal**	**Calc.**
			ft	ft	ft	ft	dBA	dBA	dB	dB	
Receiver1 - Flora Ave	1	1	500.0	600.0	1,000.00	5.00	0.00	66	10.0	8.0	Y
Receiver2 - Hacienda Ave	2	1	500.0	200.0	1,000.00	5.00	0.00	66	10.0	8.0	Y
Receiver3 - Cholla Dr	3	1	100.0	400.0	1,000.00	5.00	0.00	66	10.0	8.0	Y

Dudek
MG
30 January 2020
TNM 2.5
Calculated with TNM 2.5

RESULTS: SOUND LEVELS
PROJECT/CONTRACT: 11990
RUN: City of DHS Corp Yard Proj - Future
BARRIER DESIGN: INPUT HEIGHTS
ATMOSPHERICS: 68 deg F, 50% RH

Average pavement type shall be used unless a State highway agency substantiates the use of a different type with approval of FHWA.

Receiver Name	No.	#DUs	Existing LAeq1h	No Barrier LAeq1h Calculated	Crit'n	Increase over existing Calculated	Crit'n Sub'l Inc	Type Impact	With Barrier Calculated LAeq1h	Noise Reduction Calculated	Goal	Calculated minus Goal
			dBA	dBA	dBA	dB	dB		dBA	dB	dB	dB
Receiver1 - Flora Ave	1	1	0.0	47.1	66	47.1	10	----	47.1	0.0	8	-8.0
Receiver2 - Hacienda Ave	2	1	0.0	53.3	66	53.3	10	----	53.3	0.0	8	-8.0
Receiver3 - Cholla Dr	3	1	0.0	53.2	66	53.2	10	----	53.2	0.0	8	-8.0

Dwelling Units	# DUs	Noise Reduction Min	Avg	Max
		dB	dB	dB
All Selected	3	0.0	0.0	0.0
All Impacted	0	0.0	0.0	0.0
All that meet NR Goal	0	0.0	0.0	0.0

Dudek					**30 January 2020**						
MG					**TNM 2.5**						
INPUT: ROADWAYS							**Average pavement type shall be used unless**				
PROJECT/CONTRACT:	**11990**						**a State highway agency substantiates the use**				
RUN:	**City of DHS Corp Yard Proj - Fut plus Prj**						**of a different type with the approval of FHWA**				
Roadway		**Points**									
Name	**Width**	**Name**	**No.**	**Coordinates (pavement)**			**Flow Control**			**Segment**	
				X	**Y**	**Z**	**Control Device**	**Speed Constraint**	**Percent Vehicles Affected**	**Pvmt Type**	**On Struct?**
	ft			ft	ft	ft		mph	%		
Hacienda Ave - Cholla Dr to West Dr	35.0	point3	3	100.0	100.0	1,000.00				Average	
		point4	4	1,000.0	100.0	1,000.00					
Cholla Dr - Flora Ave to Hacienda Ave	30.0	point5	5	200.0	110.0	1,000.00				Average	
		point6	6	200.0	690.0	1,000.00					
Flora Ave - Cholla Dr to West Dr	30.0	point7	7	100.0	700.0	1,000.00				Average	
		point8	8	1,000.0	700.0	1,000.00					

Dudek 30 January 20
MG TNM 2.5

INPUT: TRAFFIC FOR LAeq1h Percentages
PROJECT/CONTRACT: 11990
RUN: City of DHS Corp Yard Proj - Fut plus Prj

Roadway	Points												
Name	Name	No.	Segment										
			Total	Autos		MTrucks		HTrucks		Buses		Motorcycles	
			Volume	P	S	P	S	P	S	P	S	P	S
			veh/hr	%	mph	%	mph	%	mph	%	mph	%	mph
Hacienda Ave - Cholla Dr to West Dr	point3	3	384	97	25	2	25	1	25	0	0	0	0
	point4	4											
Cholla Dr - Flora Ave to Hacienda Ave	point5	5	423	97	25	2	25	1	25	0	0	0	0
	point6	6											
Flora Ave - Cholla Dr to West Dr	point7	7	75	97	25	2	25	1	25	0	0	0	0
	point8	8											

Dudek						**30 January 2020**					
MG						**TNM 2.5**					
INPUT: RECEIVERS											
PROJECT/CONTRACT:	**11990**										
RUN:	**City of DHS Corp Yard Proj - Fut plus Prj**										
Receiver											
Name	**No.**	**#DUs**	**Coordinates (ground)**			**Height**	**Input Sound Levels and Criteria**				**Active**
			X	**Y**	**Z**	**above**	**Existing**	**Impact Criteria**		**NR**	**in**
						Ground	**LAeq1h**	**LAeq1h**	**Sub'l**	**Goal**	**Calc.**
			ft	ft	ft	ft	dBA	dBA	dB	dB	
Receiver1 - Flora Ave	1	1	500.0	600.0	1,000.00	5.00	0.00	66	10.0	8.0	Y
Receiver2 - Hacienda Ave	2	1	500.0	200.0	1,000.00	5.00	0.00	66	10.0	8.0	Y
Receiver3 - Cholla Dr	3	1	100.0	400.0	1,000.00	5.00	0.00	66	10.0	8.0	Y

Dudek
MG
30 January 2020
TNM 2.5
Calculated with TNM 2.5

RESULTS: SOUND LEVELS
PROJECT/CONTRACT: 11990
RUN: City of DHS Corp Yard Proj - Fut plus Prj
BARRIER DESIGN: INPUT HEIGHTS
ATMOSPHERICS: 68 deg F, 50% RH

Average pavement type shall be used unless a State highway agency substantiates the use of a different type with approval of FHWA.

Receiver Name	No.	#DUs	Existing LAeq1h	No Barrier LAeq1h Calculated	Crit'n	Increase over existing Calculated	Crit'n Sub'l Inc	Type Impact	With Barrier Calculated LAeq1h	Noise Reduction Calculated	Goal	Calculated minus Goal
			dBA	dBA	dBA	dB	dB		dBA	dB	dB	dB
Receiver1 - Flora Ave	1	1	0.0	47.7	66	47.7	10	----	47.7	0.0	8	-8.0
Receiver2 - Hacienda Ave	2	1	0.0	53.5	66	53.5	10	----	53.5	0.0	8	-8.0
Receiver3 - Cholla Dr	3	1	0.0	53.6	66	53.6	10	----	53.6	0.0	8	-8.0

Dwelling Units	# DUs	Noise Reduction Min	Avg	Max
		dB	dB	dB
All Selected	3	0.0	0.0	0.0
All Impacted	0	0.0	0.0	0.0
All that meet NR Goal	0	0.0	0.0	0.0

Appendix G

Traffic Technical Appendix

Traffic Counts

Tuesday, September 10, 2019 CITY: Desert Hot Springs PROJECT: SC2338

ADTB Cholla between Flora and Hacienda. **Prepared by AimTD LLC tel. 714 253 7888**

AM Period	NB		SB		EB		WB			PM Period	NB		SB		EB		WB		
0:00	0		0		0		0			12:00	5		19		0		0		
0:15	0		1		0		0			12:15	13		8		0		0		
0:30	0		0		0		0			12:30	11		11		0		0		
0:45	0	0	0	1	0	0	0	0	1	12:45	17	46	8	46	0	0	0	0	92
1:00	0		1		0		0			13:00	10		13		0		0		
1:15	2		0		0		0			13:15	7		7		0		0		
1:30	2		2		0		0			13:30	16		11		0		0		
1:45	0	4	0	3	0	0	0	0	7	13:45	4	37	9	40	0	0	0	0	77
2:00	0		1		0		0			14:00	9		9		0		0		
2:15	4		1		0		0			14:15	9		16		0		0		
2:30	0		0		0		0			14:30	14		11		0		0		
2:45	1	5	1	3	0	0	0	0	8	14:45	21	53	12	48	0	0	0	0	101
3:00	1		0		0		0			15:00	28		37		0		0		
3:15	0		1		0		0			15:15	17		91		0		0		
3:30	0		0		0		0			15:30	29		16		0		0		
3:45	0	1	2	3	0	0	0	0	4	15:45	13	87	12	156	0	0	0	0	243
4:00	0		2		0		0			16:00	19		20		0		0		
4:15	0		2		0		0			16:15	20		18		0		0		
4:30	0		2		0		0			16:30	12		12		0		0		
4:45	0	0	3	9	0	0	0	0	9	16:45	18	69	11	61	0	0	0	0	130
5:00	0		1		0		0			17:00	21		18		0		0		
5:15	3		1		0		0			17:15	12		20		0		0		
5:30	2		7		0		0			17:30	10		33		0		0		
5:45	7	12	6	15	0	0	0	0	27	17:45	22	65	16	87	0	0	0	0	152
6:00	0		9		0		0			18:00	10		22		0		0		
6:15	1		3		0		0			18:15	13		12		0		0		
6:30	3		8		0		0			18:30	9		14		0		0		
6:45	6	10	14	34	0	0	0	0	44	18:45	5	37	13	61	0	0	0	0	98
7:00	9		17		0		0			19:00	3		12		0		0		
7:15	42		29		0		0			19:15	13		9		0		0		
7:30	48		45		0		0			19:30	4		10		0		0		
7:45	42	141	74	165	0	0	0	0	306	19:45	7	27	4	35	0	0	0	0	62
8:00	14		43		0		0			20:00	1		2		0		0		
8:15	11		14		0		0			20:15	3		4		0		0		
8:30	12		15		0		0			20:30	9		8		0		0		
8:45	12	49	10	82	0	0	0	0	131	20:45	6	19	9	23	0	0	0	0	42
9:00	4		5		0		0			21:00	8		4		0		0		
9:15	5		5		0		0			21:15	9		3		0		0		
9:30	7		14		0		0			21:30	4		1		0		0		
9:45	5	21	10	34	0	0	0	0	55	21:45	4	25	5	13	0	0	0	0	38
10:00	5		5		0		0			22:00	1		2		0		0		
10:15	3		8		0		0			22:15	6		1		0		0		
10:30	10		8		0		0			22:30	1		2		0		0		
10:45	10	28	8	29	0	0	0	0	57	22:45	3	11	3	8	0	0	0	0	19
11:00	5		8		0		0			23:00	1		2		0		0		
11:15	11		12		0		0			23:15	4		1		0		0		
11:30	7		11		0		0			23:30	3		0		0		0		
11:45	10	33	16	47	0	0	0	0	80	23:45	0	8	1	4	0	0	0	0	12
Total Vol.		304		425					**729**			484		582					**1066**

Daily Totals

NB	SB	EB	WB	**Combined**
788	1007			**1795**

	AM			**PM**		
Split %	41.7%	58.3%	**40.6%**	45.4%	54.6%	**59.4%**
Peak Hour	7:15	7:15	**7:15**	14:45	14:45	**14:45**
Volume	146	191	**337**	95	156	**251**
P.H.F.	0.76	0.65	**0.73**	0.74	0.43	**0.58**

cs@aimtd.com Tell. 714 253 7888

Tuesday, September 10, 2019 CITY: Desert Hot Springs PROJECT: SC2338

ADTC Flora between Cholla and West. **Prepared by AimTD LLC tel. 714 253 7888**

AM Period	NB		SB		EB		WB			PM Period	NB		SB		EB		WB		
0:00	0		0		0		0			12:00	0		0		0		0		
0:15	0		0		1		1			12:15	0		0		1		1		
0:30	0		0		1		1			12:30	0		0		2		3		
0:45	0	0	0	0	0	2	0	2	4	12:45	0	0	0	0	7	10	3	7	17
1:00	0		0		0		0			13:00	0		0		2		2		
1:15	0		0		1		0			13:15	0		0		3		0		
1:30	0		0		0		1			13:30	0		0		5		0		
1:45	0	0	0	0	0	1	0	1	2	13:45	0	0	0	0	0	10	1	3	13
2:00	0		0		0		0			14:00	0		0		3		0		
2:15	0		0		0		0			14:15	0		0		1		3		
2:30	0		0		0		1			14:30	0		0		0		3		
2:45	0	0	0	0	1	1	0	1	2	14:45	0	0	0	0	0	4	1	7	11
3:00	0		0		0		0			15:00	0		0		4		5		
3:15	0		0		0		0			15:15	0		0		17		2		
3:30	0		0		0		0			15:30	0		0		5		0		
3:45	0	0	0	0	0	0	0	0		15:45	0	0	0	0	5	31	6	13	44
4:00	0		0		0		1			16:00	0		0		4		1		
4:15	0		0		1		0			16:15	0		0		3		2		
4:30	0		0		0		0			16:30	0		0		3		3		
4:45	0	0	0	0	1	2	0	1	3	16:45	0	0	0	0	4	14	1	7	21
5:00	0		0		0		0			17:00	0		0		4		2		
5:15	0		0		2		1			17:15	0		0		4		2		
5:30	0		0		1		1			17:30	0		0		2		1		
5:45	0	0	0	0	4	7	5	7	14	17:45	0	0	0	0	3	13	2	7	20
6:00	0		0		0		3			18:00	0		0		3		1		
6:15	0		0		0		0			18:15	0		0		3		1		
6:30	0		0		2		4			18:30	0		0		5		3		
6:45	0	0	0	0	0	2	0	7	9	18:45	0	0	0	0	2	13	3	8	21
7:00	0		0		0		1			19:00	0		0		0		3		
7:15	0		0		2		7			19:15	0		0		1		1		
7:30	0		0		8		10			19:30	0		0		1		1		
7:45	0	0	0	0	10	20	11	29	49	19:45	0	0	0	0	2	4	0	5	9
8:00	0		0		8		4			20:00	0		0		0		2		
8:15	0		0		0		2			20:15	0		0		2		1		
8:30	0		0		2		2			20:30	0		0		2		1		
8:45	0	0	0	0	1	11	1	9	20	20:45	0	0	0	0	1	5	0	4	9
9:00	0		0		1		0			21:00	0		0		5		1		
9:15	0		0		0		1			21:15	0		0		3		0		
9:30	0		0		1		0			21:30	0		0		1		0		
9:45	0	0	0	0	0	2	2	3	5	21:45	0	0	0	0	1	10	0	1	11
10:00	0		0		0		1			22:00	0		0		3		0		
10:15	0		0		4		2			22:15	0		0		0		0		
10:30	0		0		3		0			22:30	0		0		1		0		
10:45	0	0	0	0	3	10	1	4	14	22:45	0	0	0	0	1	5	1	1	6
11:00	0		0		3		3			23:00	0		0		0		0		
11:15	0		0		0		2			23:15	0		0		0		0		
11:30	0		0		2		1			23:30	0		0		1		0		
11:45	0	0	0	0	0	5	2	8	13	23:45	0	0	0	0	1	2	0	0	2
Total Vol.					63		72		**135**						121		63		**184**

Daily Totals

NB	SB	EB	WB	**Combined**
		184	135	**319**

	AM			**PM**		
Split %	46.7%	53.3%	**42.3%**	65.8%	34.2%	**57.7%**
Peak Hour	7:15	7:15	**7:15**	15:00	15:00	**15:00**
Volume	28	32	**60**	31	13	**44**
P.H.F.	0.70	0.73	**0.71**	0.46	0.54	**0.58**

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Tuesday, September 10, 2019 CITY: Desert Hot Springs PROJECT: SC2338

ADTA Haceinda between Cholla and West. **Prepared by AimTD LLC tel. 714 253 7888**

AM Period	NB		SB		EB		WB			PM Period	NB		SB		EB		WB		
0:00	0		0		0		0			12:00	0		0		11		7		
0:15	0		0		0		1			12:15	0		0		8		15		
0:30	0		0		1		1			12:30	0		0		8		15		
0:45	0	0	0	0	1	2	1	3	5	12:45	0	0	0	0	7	34	16	53	87
1:00	0		0		0		0			13:00	0		0		6		13		
1:15	0		0		0		0			13:15	0		0		5		9		
1:30	0		0		1		1			13:30	0		0		9		9		
1:45	0	0	0	0	0	1	1	2	3	13:45	0	0	0	0	10	30	6	37	67
2:00	0		0		0		0			14:00	0		0		10		10		
2:15	0		0		1		3			14:15	0		0		9		14		
2:30	0		0		1		0			14:30	0		0		14		17		
2:45	0	0	0	0	0	2	1	4	6	14:45	0	0	0	0	8	41	33	74	115
3:00	0		0		0		0			15:00	0		0		33		33		
3:15	0		0		0		0			15:15	0		0		81		19		
3:30	0		0		0		0			15:30	0		0		14		22		
3:45	0	0	0	0	0	0	0	0		15:45	0	0	0	0	11	139	17	91	230
4:00	0		0		0		0			16:00	0		0		16		16		
4:15	0		0		3		0			16:15	0		0		13		11		
4:30	0		0		3		3			16:30	0		0		13		18		
4:45	0	0	0	0	3	9	1	4	13	16:45	0	0	0	0	12	54	10	55	109
5:00	0		0		2		2			17:00	0		0		13		21		
5:15	0		0		1		7			17:15	0		0		14		8		
5:30	0		0		5		3			17:30	0		0		13		11		
5:45	0	0	0	0	2	10	10	22	32	17:45	0	0	0	0	8	48	21	61	109
6:00	0		0		6		5			18:00	0		0		16		11		
6:15	0		0		3		4			18:15	0		0		7		15		
6:30	0		0		2		7			18:30	0		0		11		14		
6:45	0	0	0	0	10	21	8	24	45	18:45	0	0	0	0	14	48	7	47	95
7:00	0		0		9		15			19:00	0		0		5		8		
7:15	0		0		21		47			19:15	0		0		11		5		
7:30	0		0		42		64			19:30	0		0		3		11		
7:45	0	0	0	0	69	141	42	168	309	19:45	0	0	0	0	7	26	10	34	60
8:00	0		0		38		20			20:00	0		0		1		4		
8:15	0		0		11		19			20:15	0		0		5		5		
8:30	0		0		11		21			20:30	0		0		5		4		
8:45	0	0	0	0	10	70	8	68	138	20:45	0	0	0	0	9	20	11	24	44
9:00	0		0		4		7			21:00	0		0		4		6		
9:15	0		0		3		10			21:15	0		0		0		5		
9:30	0		0		10		10			21:30	0		0		2		1		
9:45	0	0	0	0	11	28	7	34	62	21:45	0	0	0	0	3	9	2	14	23
10:00	0		0		5		10			22:00	0		0		4		5		
10:15	0		0		8		9			22:15	0		0		1		6		
10:30	0		0		5		7			22:30	0		0		2		4		
10:45	0	0	0	0	7	25	10	36	61	22:45	0	0	0	0	1	8	3	18	26
11:00	0		0		9		5			23:00	0		0		0		3		
11:15	0		0		9		17			23:15	0		0		1		2		
11:30	0		0		12		11			23:30	0		0		0		3		
11:45	0	0	0	0	8	38	12	45	83	23:45	0	0	0	0	2	3	0	8	11
Total Vol.						347		410	**757**							460		516	**976**

Daily Totals

NB	SB	EB	WB	Combined
		807	926	**1733**

	AM			PM		
Split %	45.8%	54.2%	**43.7%**	47.1%	52.9%	**56.3%**
Peak Hour	7:15	7:15	**7:15**	15:00	14:45	**14:45**
Volume	170	173	**343**	139	107	**243**
P.H.F.	0.62	0.68	**0.77**	0.43	0.81	**0.61**

cs@aimtd.com Tell. 714 253 7888

INTERSECTION TURNING MOVEMENT COUNTS

T218

PREPARED BY: AimTD LLC. tel: 714 253 7888 cs@aimtd.com

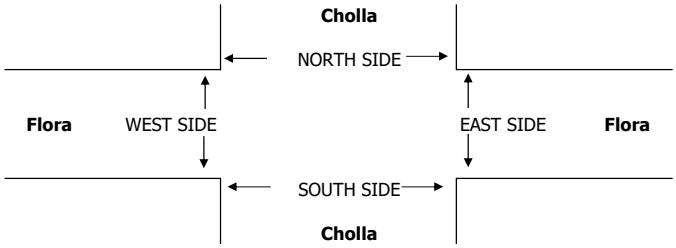
DATE:	LOCATION:	Desert Hot Springs	PROJECT #:	SC2338
Tue, Sep 10, 19	NORTH & SOUTH:	Cholla	LOCATION #:	1
	EAST & WEST:	Flora	CONTROL:	STOP ALL

NOTES:

AM / PM / MD / OTHER / OTHER — ▲ N ◄ W E ► S ▼

☑ Add U-Turns to Left Turns

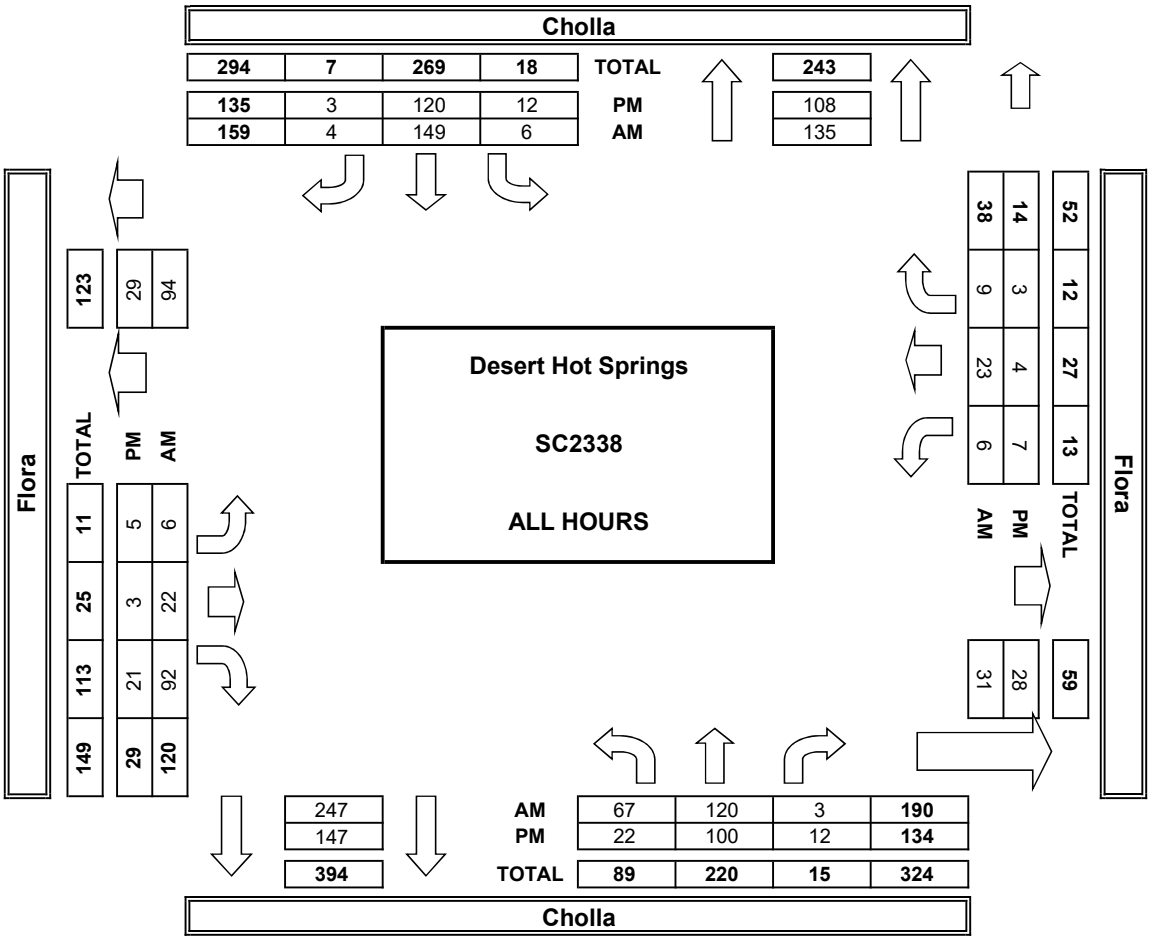
		NORTHBOUND Cholla			SOUTHBOUND Cholla			EASTBOUND Flora			WESTBOUND Flora				U-TURNS				
	LANES:	NL 0	NT 1	NR 0	SL 0	ST 1	SR 0	EL 0	ET 1	ER 0	WL 0	WT 1	WR 0	TOTAL	NB 0	SB 0	EB 0	WB 0	TTL
AM	7:00 AM	1	8	0	0	13	0	0	0	4	0	0	1	27	0	0	0	0	0
	7:15 AM	9	32	1	0	22	0	0	1	5	2	2	3	77	0	0	0	0	0
	7:30 AM	24	23	1	1	29	0	2	6	16	0	9	1	112	0	0	0	0	0
	7:45 AM	23	19	0	2	32	0	2	8	42	0	9	2	139	0	0	0	0	0
	8:00 AM	7	7	0	3	25	2	1	5	18	0	2	2	72	0	0	0	0	0
	8:15 AM	1	10	0	0	10	2	0	0	3	1	1	0	28	0	0	0	0	0
	8:30 AM	1	11	0	0	12	0	1	2	1	2	0	0	30	0	0	0	0	0
	8:45 AM	1	10	1	0	6	0	0	0	3	1	0	0	22	0	0	0	0	0
	VOLUMES	67	120	3	6	149	4	6	22	92	6	23	9	507	0	0	0	0	0
	APPROACH %	35%	63%	2%	4%	94%	3%	5%	18%	77%	16%	61%	24%						
	APP/DEPART	190	/	135	159	/	247	120	/	31	38	/	94	0					
	BEGIN PEAK HR		7:15 AM																
	VOLUMES	63	81	2	6	108	2	5	20	81	2	22	8	400					
	APPROACH %	43%	55%	1%	5%	93%	2%	5%	19%	76%	6%	69%	25%						
	PEAK HR FACTOR		0.760			0.853			0.510			0.727		0.719					
	APP/DEPART	146	/	94	116	/	191	106	/	28	32	/	87	0					
PM	4:00 PM	5	14	0	3	13	0	0	1	7	0	1	0	44	0	0	0	0	0
	4:15 PM	4	15	1	2	13	0	1	0	3	2	0	0	41	0	0	0	1	1
	4:30 PM	3	8	1	2	9	1	1	0	1	2	0	1	29	0	0	0	0	0
	4:45 PM	1	15	2	1	7	0	0	1	3	1	0	0	31	0	0	0	0	0
	5:00 PM	2	16	3	1	18	1	0	0	0	0	1	1	43	0	0	0	0	0
	5:15 PM	0	10	2	2	16	0	0	0	4	0	1	1	36	0	0	0	0	0
	5:30 PM	3	6	1	0	31	1	1	1	1	1	0	0	46	0	0	0	0	0
	5:45 PM	4	16	2	1	13	0	2	0	2	1	1	0	42	0	0	0	0	0
	VOLUMES	22	100	12	12	120	3	5	3	21	7	4	3	312	0	0	0	1	1
	APPROACH %	16%	75%	9%	9%	89%	2%	17%	10%	72%	50%	29%	21%						
	APP/DEPART	134	/	108	135	/	147	29	/	28	14	/	29	0					
	BEGIN PEAK HR		5:00 PM																
	VOLUMES	9	48	8	4	78	2	3	1	7	2	3	2	167					
	APPROACH %	14%	74%	12%	5%	93%	2%	27%	9%	64%	29%	43%	29%						
	PEAK HR FACTOR		0.739			0.656			0.688			0.875		0.908					
	APP/DEPART	65	/	53	84	/	87	11	/	13	7	/	14	0					

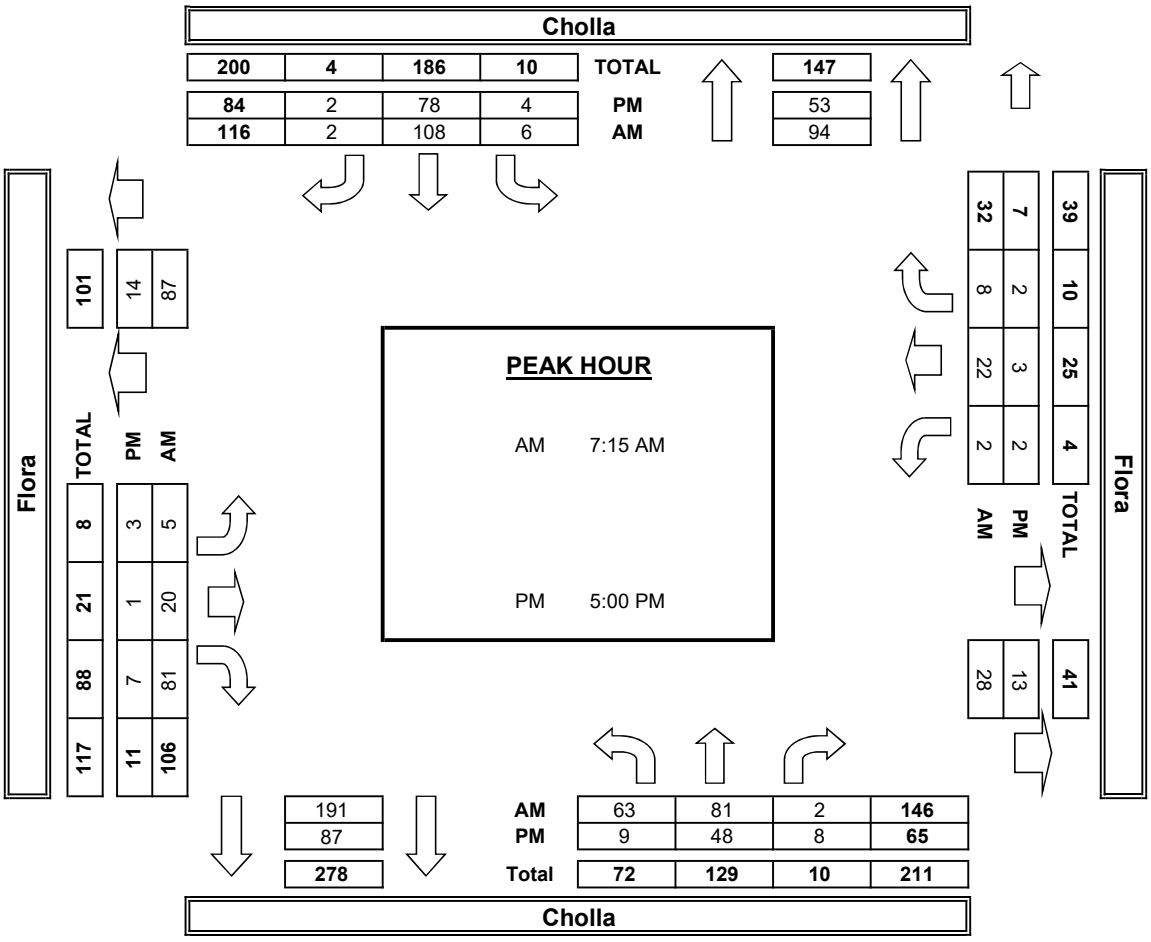


		PEDESTRIAN + BIKE CROSSINGS					PEDESTRIAN CROSSINGS					BICYCLE CROSSINGS				
		N SIDE	S SIDE	E SIDE	W SIDE	TOTAL	N SIDE	S SIDE	E SIDE	W SIDE	TOTAL	NS	SS	ES	WS	TOTAL
AM	7:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	7:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	7:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	7:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	8:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	8:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	8:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	8:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	AM BEGIN PEAK HR			7:15 AM			0	0	0	0	0					
PM	4:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	PM BEGIN PEAK HR			5:00 PM			0	0	0	0	0					

AimTD LLC

TURNING MOVEMENT COUNTS





INTERSECTION TURNING MOVEMENT COUNTS

T218

PREPARED BY: AimTD LLC. tel: 714 253 7888 cs@aimtd.com

DATE: Tue, Sep 10, 19

LOCATION: Desert Hot Springs
NORTH & SOUTH: Cholla
EAST & WEST: Hacienda

PROJECT #: SC2338
LOCATION #: 2
CONTROL: STOP ALL

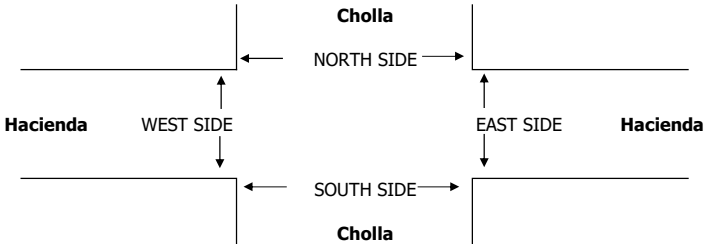
NOTES:

AM / PM / MD / OTHER / OTHER

▲ N ◄ W E ► S ▼

☑ Add U-Turns to Left Turns

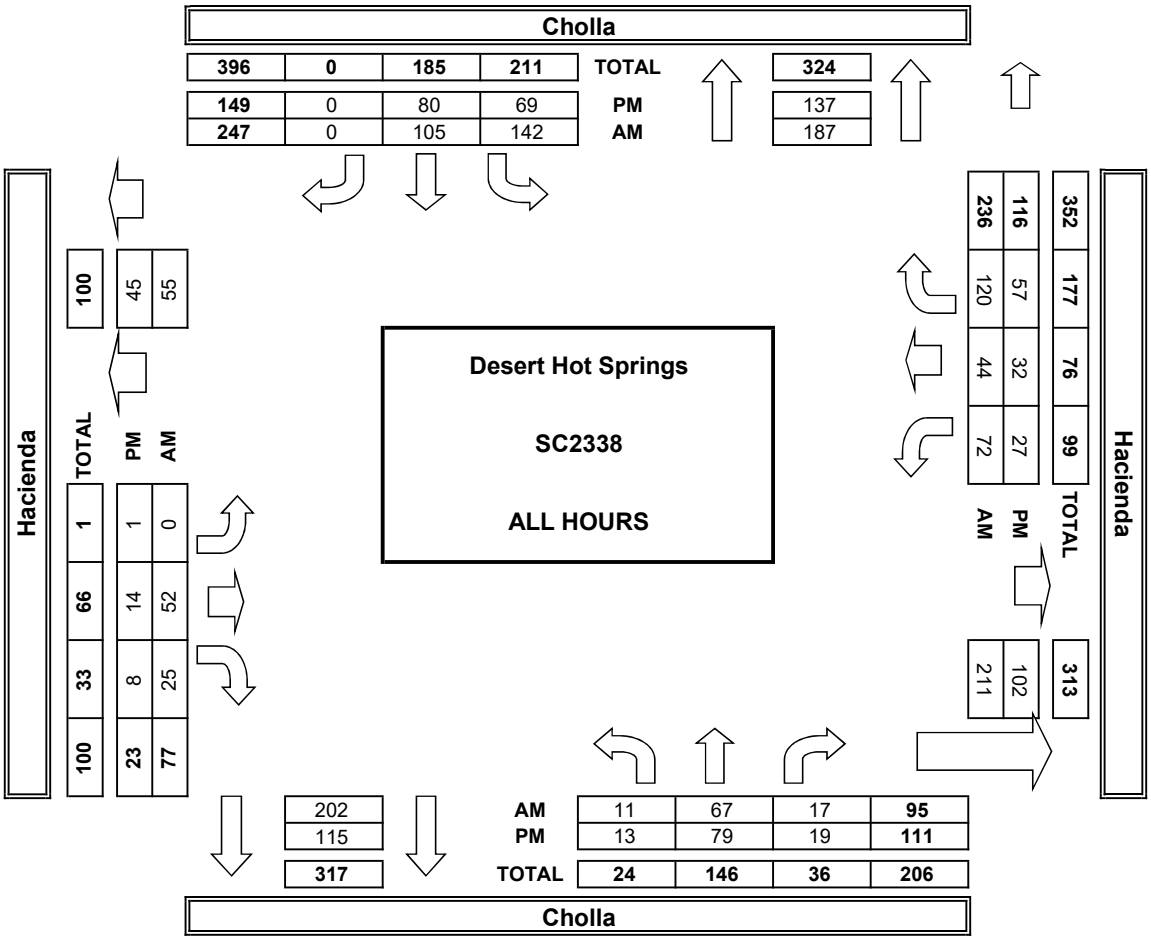
		NORTHBOUND Cholla			SOUTHBOUND Cholla			EASTBOUND Hacienda			WESTBOUND Hacienda				U-TURNS				
	LANES:	NL 0	NT 1	NR 0	SL 0	ST 1	SR 0	EL 0	ET 1	ER 0	WL 0	WT 1	WR 0	TOTAL	NB 0	SB 0	EB 0	WB 0	TTL
AM	7:00 AM	0	7	0	7	8	0	0	2	5	9	1	5	44	0	0	0	0	0
	7:15 AM	1	11	3	11	17	0	0	7	3	13	7	27	100	0	0	0	0	0
	7:30 AM	5	15	2	28	18	0	0	12	3	7	17	40	147	0	0	0	0	0
	7:45 AM	2	14	2	52	21	0	0	15	3	7	11	24	151	0	0	0	0	0
	8:00 AM	0	6	1	29	15	0	0	8	8	11	2	7	87	0	0	0	0	0
	8:15 AM	1	5	3	5	11	0	0	3	0	13	1	5	47	0	0	0	0	0
	8:30 AM	1	4	5	3	12	0	0	3	2	8	4	9	51	0	0	0	0	0
	8:45 AM	1	5	1	7	3	0	0	2	1	4	1	3	28	0	0	0	0	0
	VOLUMES	11	67	17	142	105	0	0	52	25	72	44	120	655	0	0	0	0	0
	APPROACH %	12%	71%	18%	57%	43%	0%	0%	68%	32%	31%	19%	51%						
	APP/DEPART	95	/	187	247	/	202	77	/	211	236	/	55	0					
	BEGIN PEAK HR		7:15 AM																
	VOLUMES	8	46	8	120	71	0	0	42	17	38	37	98	485					
	APPROACH %	13%	74%	13%	63%	37%	0%	0%	71%	29%	22%	21%	57%						
	PEAK HR FACTOR		0.705			0.654			0.819			0.676		0.803					
	APP/DEPART	62	/	144	191	/	126	59	/	170	173	/	45	0					
PM	4:00 PM	0	9	3	10	10	0	0	3	1	4	3	9	52	0	0	0	0	0
	4:15 PM	3	12	2	10	7	0	0	1	1	2	1	8	47	0	0	0	0	0
	4:30 PM	1	7	3	6	6	0	0	4	2	8	6	4	47	0	0	0	0	0
	4:45 PM	1	17	5	5	7	0	0	2	0	3	3	4	47	0	0	0	0	0
	5:00 PM	2	9	1	11	6	0	0	1	2	5	4	12	53	0	0	0	0	0
	5:15 PM	3	6	2	11	13	0	0	1	0	2	2	4	44	0	0	0	0	0
	5:30 PM	0	7	1	12	18	0	0	0	0	1	5	5	49	0	0	0	0	0
	5:45 PM	3	12	2	4	13	0	1	2	2	2	8	11	60	0	0	0	0	0
	VOLUMES	13	79	19	69	80	0	1	14	8	27	32	57	399	0	0	0	0	0
	APPROACH %	12%	71%	17%	46%	54%	0%	4%	61%	35%	23%	28%	49%						
	APP/DEPART	111	/	137	149	/	115	23	/	102	116	/	45	0					
	BEGIN PEAK HR		5:00 PM																
	VOLUMES	8	34	6	38	50	0	1	4	4	10	19	32	206					
	APPROACH %	17%	71%	13%	43%	57%	0%	11%	44%	44%	16%	31%	52%						
	PEAK HR FACTOR		0.706			0.733			0.450			0.726		0.858					
	APP/DEPART	48	/	67	88	/	64	9	/	48	61	/	27	0					

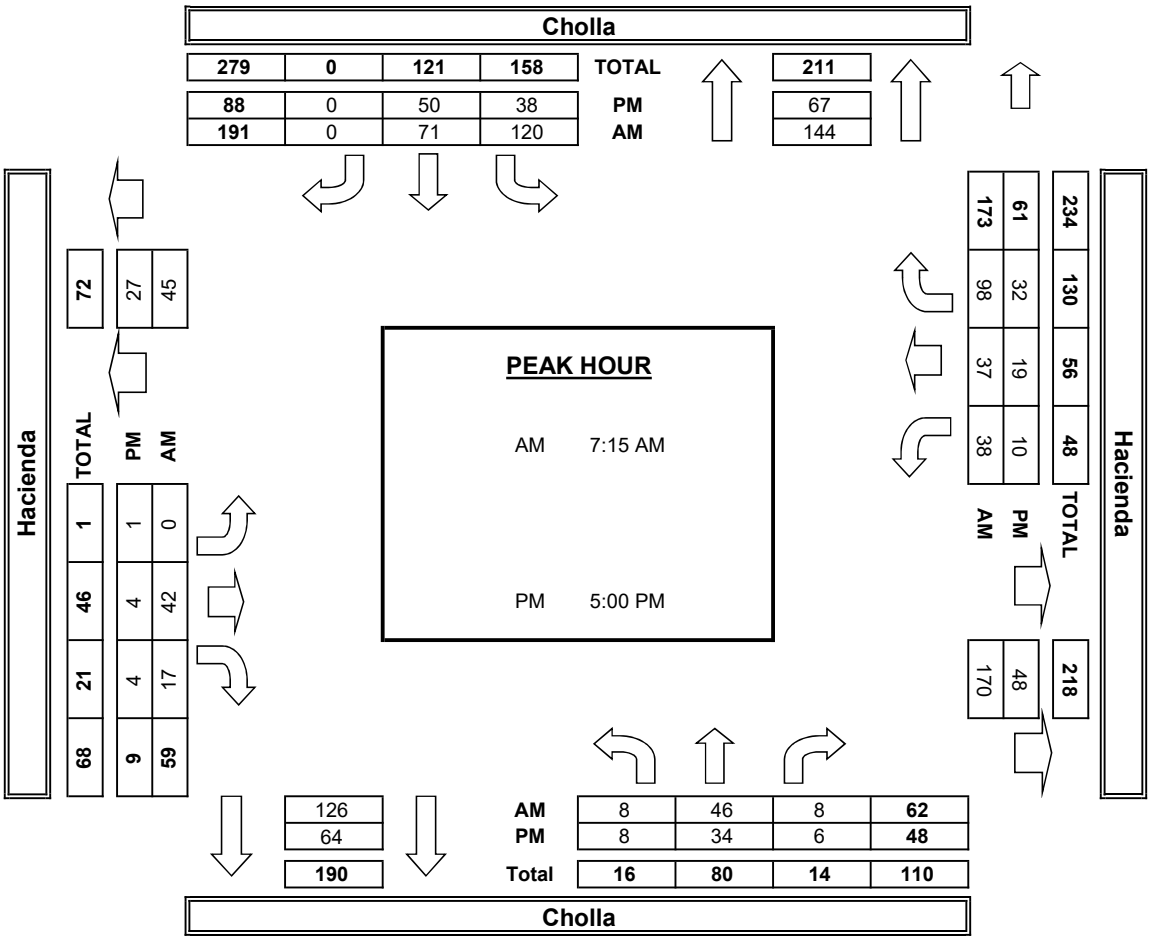


		PEDESTRIAN + BIKE CROSSINGS					PEDESTRIAN CROSSINGS					BICYCLE CROSSINGS				
		N SIDE	S SIDE	E SIDE	W SIDE	TOTAL	N SIDE	S SIDE	E SIDE	W SIDE	TOTAL	NS	SS	ES	WS	TOTAL
AM	7:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	7:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	7:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	7:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	8:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	8:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	8:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	8:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	AM BEGIN PEAK HR			7:15 AM			0	0	0	0	0					
PM	4:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	PM BEGIN PEAK HR			5:00 PM			0	0	0	0	0					

AimTD LLC

TURNING MOVEMENT COUNTS





INTERSECTION TURNING MOVEMENT COUNTS

PREPARED BY: AimTD LLC. tel: 714 253 7888 cs@aimtd.com

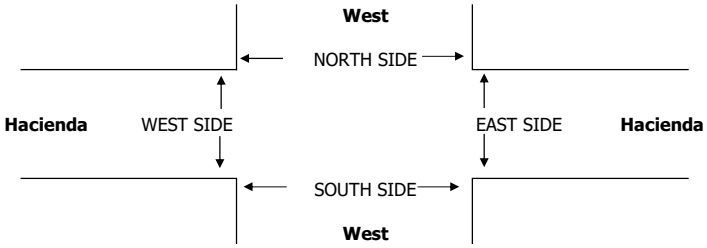
DATE:					
Tue, Sep 10, 19	LOCATION:	Desert Hot Springs	PROJECT #:	SC2338
	NORTH & SOUTH:	West	LOCATION #:	3
	EAST & WEST:	Hacienda	CONTROL:	STOP ALL

NOTES:

AM / PM / MD / OTHER / OTHER — ▲ N ◄ W E ► S ▼

☑ Add U-Turns to Left Turns

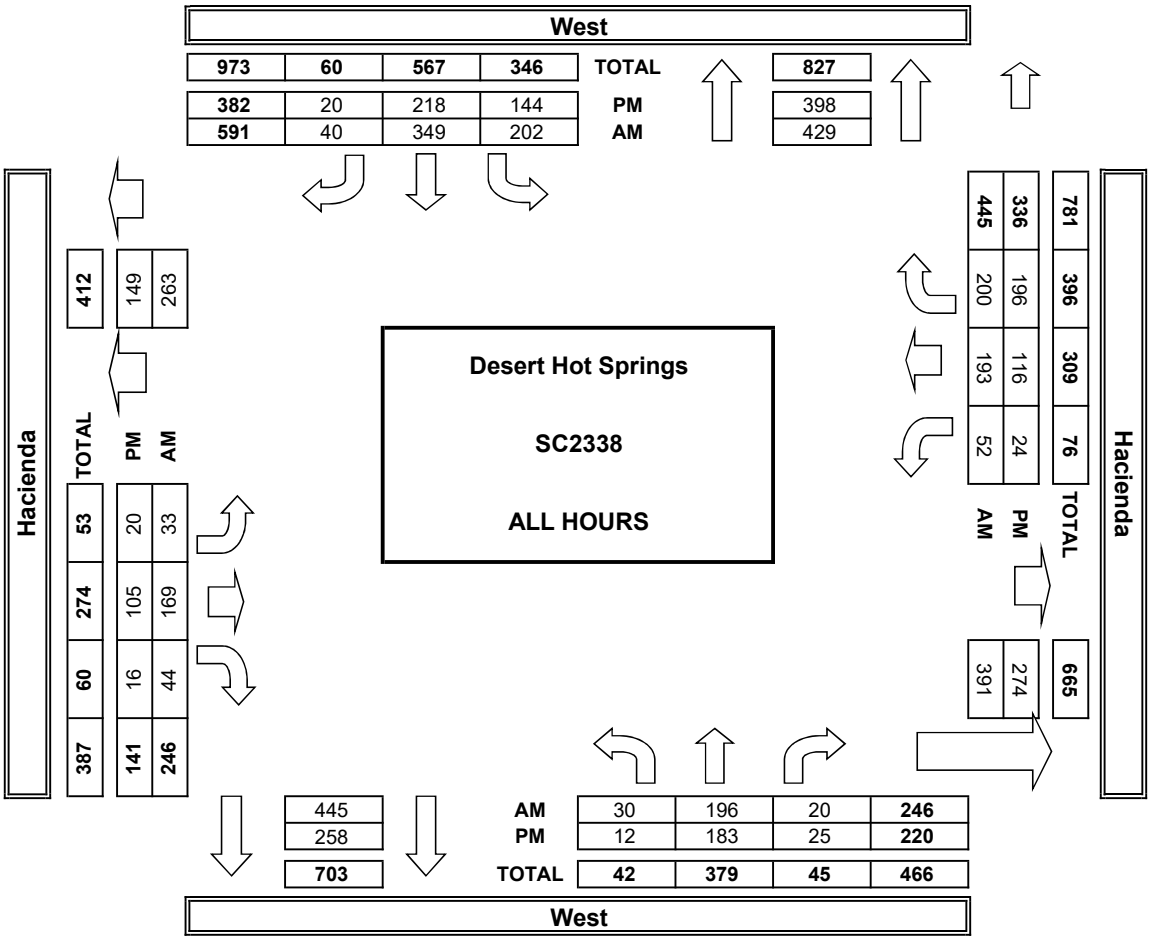
		NORTHBOUND (West)			SOUTHBOUND (West)			EASTBOUND (Hacienda)			WESTBOUND (Hacienda)				U-TURNS				
	LANES:	NL 0	NT 1	NR 0	SL 0	ST 1	SR 0	EL 0	ET 1	ER 0	WL 0	WT 1	WR 0	TOTAL	NB 0	SB 0	EB 0	WB 0	TTL
AM	7:00 AM	2	16	2	13	26	1	3	9	2	1	15	22	112	0	0	0	0	0
	7:15 AM	3	22	1	18	38	9	9	11	4	6	32	20	173	0	0	0	0	0
	7:30 AM	6	24	2	26	56	2	4	26	6	4	48	36	240	0	0	0	0	0
	7:45 AM	12	27	1	43	55	5	3	54	14	9	30	32	285	0	0	0	0	0
	8:00 AM	4	36	4	36	53	7	3	29	12	7	15	25	231	0	0	0	0	0
	8:15 AM	2	32	3	26	65	2	4	15	3	14	18	22	206	0	0	0	0	0
	8:30 AM	0	22	6	25	43	12	3	16	2	5	24	24	182	0	0	0	0	0
	8:45 AM	1	17	1	15	13	2	4	9	1	6	11	19	99	0	0	0	0	0
	VOLUMES	30	196	20	202	349	40	33	169	44	52	193	200	1,528	0	0	0	0	0
	APPROACH %	12%	80%	8%	34%	59%	7%	13%	69%	18%	12%	43%	45%						
	APP/DEPART	246	/	429	591	/	445	246	/	391	445	/	263	0					
	BEGIN PEAK HR		7:30 AM																
	VOLUMES	24	119	10	131	229	16	14	124	35	34	111	115	962					
	APPROACH %	16%	78%	7%	35%	61%	4%	8%	72%	20%	13%	43%	44%						
	PEAK HR FACTOR		0.869			0.913			0.609			0.739		0.844					
	APP/DEPART	153	/	248	376	/	298	173	/	265	260	/	151	0					
PM	4:00 PM	2	21	4	12	26	2	3	17	2	5	17	28	139	0	0	0	0	0
	4:15 PM	0	19	4	16	21	6	2	21	2	2	16	27	136	0	0	0	0	0
	4:30 PM	1	27	3	12	22	5	3	10	1	2	13	17	116	0	0	0	0	0
	4:45 PM	0	26	5	26	25	3	1	13	2	4	10	17	132	0	0	0	0	0
	5:00 PM	0	17	2	21	38	1	2	10	3	2	17	32	145	0	0	0	0	0
	5:15 PM	4	21	4	23	22	0	2	17	2	2	10	28	135	0	0	0	0	0
	5:30 PM	1	15	3	14	24	0	1	10	4	3	16	27	118	0	0	0	0	0
	5:45 PM	4	37	0	20	40	3	6	7	0	4	17	20	158	0	0	1	0	1
	VOLUMES	12	183	25	144	218	20	20	105	16	24	116	196	1,079	0	0	1	0	1
	APPROACH %	5%	83%	11%	38%	57%	5%	14%	74%	11%	7%	35%	58%						
	APP/DEPART	220	/	398	382	/	258	141	/	274	336	/	149	0					
	BEGIN PEAK HR		5:00 PM																
	VOLUMES	9	90	9	78	124	4	11	44	9	11	60	107	556					
	APPROACH %	8%	83%	8%	38%	60%	2%	17%	69%	14%	6%	34%	60%						
	PEAK HR FACTOR		0.659			0.817			0.762			0.873		0.880					
	APP/DEPART	108	/	207	206	/	144	64	/	131	178	/	74	0					

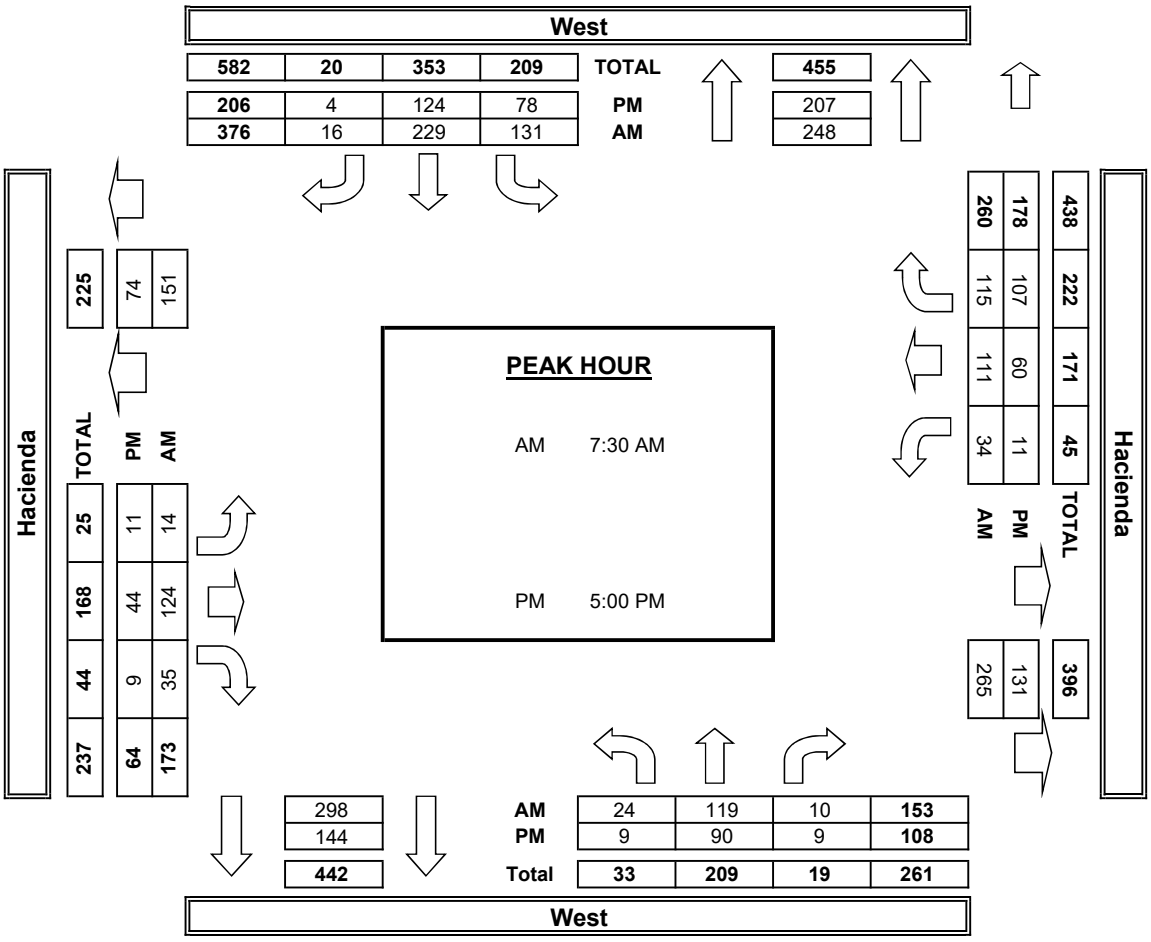


		PEDESTRIAN + BIKE CROSSINGS					PEDESTRIAN CROSSINGS					BICYCLE CROSSINGS				
		N SIDE	S SIDE	E SIDE	W SIDE	TOTAL	N SIDE	S SIDE	E SIDE	W SIDE	TOTAL	NS	SS	ES	WS	TOTAL
AM	7:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	7:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	7:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	7:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	8:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	8:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	8:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	8:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	AM BEGIN PEAK HR	7:30 AM					0	0	0	0	0					
PM	4:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	PM BEGIN PEAK HR	5:00 PM					0	0	0	0	0					

AimTD LLC

TURNING MOVEMENT COUNTS





LOS Worksheets

- Existing Conditions

Intersection	
Intersection Delay, s/veh	8.8
Intersection LOS	A

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	5	20	81	2	22	8	63	81	2	6	108	2
Future Vol, veh/h	5	20	81	2	22	8	63	81	2	6	108	2
Peak Hour Factor	0.72	0.72	0.72	0.72	0.72	0.72	0.72	0.72	0.72	0.72	0.72	0.72
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	7	28	113	3	31	11	88	113	3	8	150	3
Number of Lanes	0	1	0	0	1	0	0	1	0	0	1	0

Approach	EB	WB	NB	SB
Opposing Approach	WB	EB	SB	NB
Opposing Lanes	1	1	1	1
Conflicting Approach Left	SB	NB	EB	WB
Conflicting Lanes Left	1	1	1	1
Conflicting Approach Right	NB	SB	WB	EB
Conflicting Lanes Right	1	1	1	1
HCM Control Delay	8.4	8.2	9.3	8.8
HCM LOS	A	A	A	A

Lane	NBLn1	EBLn1	WBLn1	SBLn1
Vol Left, %	43%	5%	6%	5%
Vol Thru, %	55%	19%	69%	93%
Vol Right, %	1%	76%	25%	2%
Sign Control	Stop	Stop	Stop	Stop
Traffic Vol by Lane	146	106	32	116
LT Vol	63	5	2	6
Through Vol	81	20	22	108
RT Vol	2	81	8	2
Lane Flow Rate	203	147	44	161
Geometry Grp	1	1	1	1
Degree of Util (X)	0.261	0.179	0.06	0.206
Departure Headway (Hd)	4.633	4.389	4.825	4.606
Convergence, Y/N	Yes	Yes	Yes	Yes
Cap	775	816	740	778
Service Time	2.669	2.425	2.868	2.642
HCM Lane V/C Ratio	0.262	0.18	0.059	0.207
HCM Control Delay	9.3	8.4	8.2	8.8
HCM Lane LOS	A	A	A	A
HCM 95th-tile Q	1	0.6	0.2	0.8

Intersection	
Intersection Delay, s/veh	9.4
Intersection LOS	A

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	0	42	17	38	37	98	8	46	8	120	71	0
Future Vol, veh/h	0	42	17	38	37	98	8	46	8	120	71	0
Peak Hour Factor	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	0	53	21	48	46	123	10	58	10	150	89	0
Number of Lanes	0	1	0	0	1	0	0	1	0	0	1	0

Approach	EB	WB	NB	SB
Opposing Approach	WB	EB	SB	NB
Opposing Lanes	1	1	1	1
Conflicting Approach Left	SB	NB	EB	WB
Conflicting Lanes Left	1	1	1	1
Conflicting Approach Right	NB	SB	WB	EB
Conflicting Lanes Right	1	1	1	1
HCM Control Delay	8.4	9.2	8.5	10.1
HCM LOS	A	A	A	B

Lane	NBLn1	EBLn1	WBLn1	SBLn1
Vol Left, %	13%	0%	22%	63%
Vol Thru, %	74%	71%	21%	37%
Vol Right, %	13%	29%	57%	0%
Sign Control	Stop	Stop	Stop	Stop
Traffic Vol by Lane	62	59	173	191
LT Vol	8	0	38	120
Through Vol	46	42	37	71
RT Vol	8	17	98	0
Lane Flow Rate	78	74	216	239
Geometry Grp	1	1	1	1
Degree of Util (X)	0.105	0.098	0.271	0.32
Departure Headway (Hd)	4.855	4.799	4.506	4.824
Convergence, Y/N	Yes	Yes	Yes	Yes
Cap	734	743	794	743
Service Time	2.913	2.854	2.549	2.873
HCM Lane V/C Ratio	0.106	0.1	0.272	0.322
HCM Control Delay	8.5	8.4	9.2	10.1
HCM Lane LOS	A	A	A	B
HCM 95th-tile Q	0.4	0.3	1.1	1.4

Intersection	
Intersection Delay, s/veh	17.2
Intersection LOS	C

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	14	124	35	34	111	115	24	119	10	131	229	16
Future Vol, veh/h	14	124	35	34	111	115	24	119	10	131	229	16
Peak Hour Factor	0.84	0.84	0.84	0.84	0.84	0.84	0.84	0.84	0.84	0.84	0.84	0.84
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	17	148	42	40	132	137	29	142	12	156	273	19
Number of Lanes	0	1	1	0	1	1	0	1	0	0	1	0

Approach	EB	WB	NB	SB
Opposing Approach	WB	EB	SB	NB
Opposing Lanes	2	2	1	1
Conflicting Approach Left	SB	NB	EB	WB
Conflicting Lanes Left	1	1	2	2
Conflicting Approach Right	NB	SB	WB	EB
Conflicting Lanes Right	1	1	2	2
HCM Control Delay	12.7	12.4	12.7	24.5
HCM LOS	B	B	B	C

Lane	NBLn1	EBLn1	EBLn2	WBLn1	WBLn2	SBLn1
Vol Left, %	16%	10%	0%	23%	0%	35%
Vol Thru, %	78%	90%	0%	77%	0%	61%
Vol Right, %	7%	0%	100%	0%	100%	4%
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop
Traffic Vol by Lane	153	138	35	145	115	376
LT Vol	24	14	0	34	0	131
Through Vol	119	124	0	111	0	229
RT Vol	10	0	35	0	115	16
Lane Flow Rate	182	164	42	173	137	448
Geometry Grp	2	7	7	7	7	2
Degree of Util (X)	0.328	0.329	0.074	0.34	0.238	0.746
Departure Headway (Hd)	6.492	7.205	6.434	7.095	6.256	6.003
Convergence, Y/N	Yes	Yes	Yes	Yes	Yes	Yes
Cap	554	498	556	506	572	604
Service Time	4.543	4.958	4.186	4.845	4.006	4.003
HCM Lane V/C Ratio	0.329	0.329	0.076	0.342	0.24	0.742
HCM Control Delay	12.7	13.5	9.7	13.5	11	24.5
HCM Lane LOS	B	B	A	B	B	C
HCM 95th-tile Q	1.4	1.4	0.2	1.5	0.9	6.6

Intersection	
Intersection Delay, s/veh	7.4
Intersection LOS	A

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	3	1	7	2	3	2	9	48	8	4	78	2
Future Vol, veh/h	3	1	7	2	3	2	9	48	8	4	78	2
Peak Hour Factor	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	3	1	8	2	3	2	10	53	9	4	86	2
Number of Lanes	0	1	0	0	1	0	0	1	0	0	1	0

Approach	EB	WB	NB	SB
Opposing Approach	WB	EB	SB	NB
Opposing Lanes	1	1	1	1
Conflicting Approach Left	SB	NB	EB	WB
Conflicting Lanes Left	1	1	1	1
Conflicting Approach Right	NB	SB	WB	EB
Conflicting Lanes Right	1	1	1	1
HCM Control Delay	7	7.2	7.4	7.5
HCM LOS	A	A	A	A

Lane	NBLn1	EBLn1	WBLn1	SBLn1
Vol Left, %	14%	27%	29%	5%
Vol Thru, %	74%	9%	43%	93%
Vol Right, %	12%	64%	29%	2%
Sign Control	Stop	Stop	Stop	Stop
Traffic Vol by Lane	65	11	7	84
LT Vol	9	3	2	4
Through Vol	48	1	3	78
RT Vol	8	7	2	2
Lane Flow Rate	71	12	8	92
Geometry Grp	1	1	1	1
Degree of Util (X)	0.079	0.013	0.009	0.103
Departure Headway (Hd)	3.992	3.893	4.11	4.017
Convergence, Y/N	Yes	Yes	Yes	Yes
Cap	897	908	861	893
Service Time	2.018	1.965	2.182	2.039
HCM Lane V/C Ratio	0.079	0.013	0.009	0.103
HCM Control Delay	7.4	7	7.2	7.5
HCM Lane LOS	A	A	A	A
HCM 95th-tile Q	0.3	0	0	0.3

Intersection	
Intersection Delay, s/veh	7.6
Intersection LOS	A

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	1	4	4	10	19	32	8	34	6	38	50	0
Future Vol, veh/h	1	4	4	10	19	32	8	34	6	38	50	0
Peak Hour Factor	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.86
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	1	5	5	12	22	37	9	40	7	44	58	0
Number of Lanes	0	1	0	0	1	0	0	1	0	0	1	0

Approach	EB	WB	NB	SB
Opposing Approach	WB	EB	SB	NB
Opposing Lanes	1	1	1	1
Conflicting Approach Left	SB	NB	EB	WB
Conflicting Lanes Left	1	1	1	1
Conflicting Approach Right	NB	SB	WB	EB
Conflicting Lanes Right	1	1	1	1
HCM Control Delay	7.2	7.4	7.5	7.8
HCM LOS	A	A	A	A

Lane	NBLn1	EBLn1	WBLn1	SBLn1
Vol Left, %	17%	11%	16%	43%
Vol Thru, %	71%	44%	31%	57%
Vol Right, %	12%	44%	52%	0%
Sign Control	Stop	Stop	Stop	Stop
Traffic Vol by Lane	48	9	61	88
LT Vol	8	1	10	38
Through Vol	34	4	19	50
RT Vol	6	4	32	0
Lane Flow Rate	56	10	71	102
Geometry Grp	1	1	1	1
Degree of Util (X)	0.064	0.012	0.077	0.12
Departure Headway (Hd)	4.112	4.019	3.933	4.205
Convergence, Y/N	Yes	Yes	Yes	Yes
Cap	864	875	897	848
Service Time	2.171	2.115	2.018	2.25
HCM Lane V/C Ratio	0.065	0.011	0.079	0.12
HCM Control Delay	7.5	7.2	7.4	7.8
HCM Lane LOS	A	A	A	A
HCM 95th-tile Q	0.2	0	0.2	0.4

Intersection	
Intersection Delay, s/veh	9.3
Intersection LOS	A

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	11	44	9	11	60	107	9	90	9	78	124	4
Future Vol, veh/h	11	44	9	11	60	107	9	90	9	78	124	4
Peak Hour Factor	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	13	50	10	13	68	122	10	102	10	89	141	5
Number of Lanes	0	1	1	0	1	1	0	1	0	0	1	0

Approach	EB	WB	NB	SB
Opposing Approach	WB	EB	SB	NB
Opposing Lanes	2	2	1	1
Conflicting Approach Left	SB	NB	EB	WB
Conflicting Lanes Left	1	1	2	2
Conflicting Approach Right	NB	SB	WB	EB
Conflicting Lanes Right	1	1	2	2
HCM Control Delay	9	8.7	8.9	10.1
HCM LOS	A	A	A	B

Lane	NBLn1	EBLn1	EBLn2	WBLn1	WBLn2	SBLn1
Vol Left, %	8%	20%	0%	15%	0%	38%
Vol Thru, %	83%	80%	0%	85%	0%	60%
Vol Right, %	8%	0%	100%	0%	100%	2%
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop
Traffic Vol by Lane	108	55	9	71	107	206
LT Vol	9	11	0	11	0	78
Through Vol	90	44	0	60	0	124
RT Vol	9	0	9	0	107	4
Lane Flow Rate	123	62	10	81	122	234
Geometry Grp	2	7	7	7	7	2
Degree of Util (X)	0.166	0.1	0.014	0.125	0.162	0.314
Departure Headway (Hd)	4.871	5.733	4.924	5.569	4.784	4.825
Convergence, Y/N	Yes	Yes	Yes	Yes	Yes	Yes
Cap	731	621	721	641	745	742
Service Time	2.933	3.506	2.696	3.331	2.545	2.877
HCM Lane V/C Ratio	0.168	0.1	0.014	0.126	0.164	0.315
HCM Control Delay	8.9	9.2	7.8	9.1	8.5	10.1
HCM Lane LOS	A	A	A	A	A	B
HCM 95th-tile Q	0.6	0.3	0	0.4	0.6	1.3

- Existing plus Project Conditions

Intersection	
Intersection Delay, s/veh	9
Intersection LOS	A

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	5	20	82	8	22	8	64	85	8	6	112	2
Future Vol, veh/h	5	20	82	8	22	8	64	85	8	6	112	2
Peak Hour Factor	0.72	0.72	0.72	0.72	0.72	0.72	0.72	0.72	0.72	0.72	0.72	0.72
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	7	28	114	11	31	11	89	118	11	8	156	3
Number of Lanes	0	1	0	0	1	0	0	1	0	0	1	0

Approach	EB	WB	NB	SB
Opposing Approach	WB	EB	SB	NB
Opposing Lanes	1	1	1	1
Conflicting Approach Left	SB	NB	EB	WB
Conflicting Lanes Left	1	1	1	1
Conflicting Approach Right	NB	SB	WB	EB
Conflicting Lanes Right	1	1	1	1
HCM Control Delay	8.5	8.4	9.5	9
HCM LOS	A	A	A	A

Lane	NBLn1	EBLn1	WBLn1	SBLn1
Vol Left, %	41%	5%	21%	5%
Vol Thru, %	54%	19%	58%	93%
Vol Right, %	5%	77%	21%	2%
Sign Control	Stop	Stop	Stop	Stop
Traffic Vol by Lane	157	107	38	120
LT Vol	64	5	8	6
Through Vol	85	20	22	112
RT Vol	8	82	8	2
Lane Flow Rate	218	149	53	167
Geometry Grp	1	1	1	1
Degree of Util (X)	0.281	0.184	0.072	0.216
Departure Headway (Hd)	4.645	4.451	4.935	4.656
Convergence, Y/N	Yes	Yes	Yes	Yes
Cap	772	804	723	768
Service Time	2.685	2.492	2.985	2.696
HCM Lane V/C Ratio	0.282	0.185	0.073	0.217
HCM Control Delay	9.5	8.5	8.4	9
HCM Lane LOS	A	A	A	A
HCM 95th-tile Q	1.2	0.7	0.2	0.8

Intersection	
Intersection Delay, s/veh	9.7
Intersection LOS	A

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	0	42	17	38	37	108	8	50	8	130	75	0
Future Vol, veh/h	0	42	17	38	37	108	8	50	8	130	75	0
Peak Hour Factor	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	0	53	21	48	46	135	10	63	10	163	94	0
Number of Lanes	0	1	0	0	1	0	0	1	0	0	1	0

Approach	EB	WB	NB	SB
Opposing Approach	WB	EB	SB	NB
Opposing Lanes	1	1	1	1
Conflicting Approach Left	SB	NB	EB	WB
Conflicting Lanes Left	1	1	1	1
Conflicting Approach Right	NB	SB	WB	EB
Conflicting Lanes Right	1	1	1	1
HCM Control Delay	8.5	9.5	8.6	10.5
HCM LOS	A	A	A	B

Lane	NBLn1	EBLn1	WBLn1	SBLn1
Vol Left, %	12%	0%	21%	63%
Vol Thru, %	76%	71%	20%	37%
Vol Right, %	12%	29%	59%	0%
Sign Control	Stop	Stop	Stop	Stop
Traffic Vol by Lane	66	59	183	205
LT Vol	8	0	38	130
Through Vol	50	42	37	75
RT Vol	8	17	108	0
Lane Flow Rate	82	74	229	256
Geometry Grp	1	1	1	1
Degree of Util (X)	0.113	0.1	0.289	0.346
Departure Headway (Hd)	4.918	4.878	4.55	4.866
Convergence, Y/N	Yes	Yes	Yes	Yes
Cap	724	729	787	735
Service Time	2.984	2.942	2.599	2.921
HCM Lane V/C Ratio	0.113	0.102	0.291	0.348
HCM Control Delay	8.6	8.5	9.5	10.5
HCM Lane LOS	A	A	A	B
HCM 95th-tile Q	0.4	0.3	1.2	1.5

Intersection	
Intersection Delay, s/veh	17.8
Intersection LOS	C

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	14	130	39	34	117	115	28	119	10	131	229	16
Future Vol, veh/h	14	130	39	34	117	115	28	119	10	131	229	16
Peak Hour Factor	0.84	0.84	0.84	0.84	0.84	0.84	0.84	0.84	0.84	0.84	0.84	0.84
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	17	155	46	40	139	137	33	142	12	156	273	19
Number of Lanes	0	1	1	0	1	1	0	1	0	0	1	0

Approach	EB	WB	NB	SB
Opposing Approach	WB	EB	SB	NB
Opposing Lanes	2	2	1	1
Conflicting Approach Left	SB	NB	EB	WB
Conflicting Lanes Left	1	1	2	2
Conflicting Approach Right	NB	SB	WB	EB
Conflicting Lanes Right	1	1	2	2
HCM Control Delay	13	12.7	13.1	25.7
HCM LOS	B	B	B	D

Lane	NBLn1	EBLn1	EBLn2	WBLn1	WBLn2	SBLn1
Vol Left, %	18%	10%	0%	23%	0%	35%
Vol Thru, %	76%	90%	0%	77%	0%	61%
Vol Right, %	6%	0%	100%	0%	100%	4%
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop
Traffic Vol by Lane	157	144	39	151	115	376
LT Vol	28	14	0	34	0	131
Through Vol	119	130	0	117	0	229
RT Vol	10	0	39	0	115	16
Lane Flow Rate	187	171	46	180	137	448
Geometry Grp	2	7	7	7	7	2
Degree of Util (X)	0.342	0.346	0.084	0.358	0.241	0.758
Departure Headway (Hd)	6.594	7.27	6.5	7.165	6.33	6.096
Convergence, Y/N	Yes	Yes	Yes	Yes	Yes	Yes
Cap	544	494	549	502	565	595
Service Time	4.653	5.03	4.26	4.922	4.087	4.096
HCM Lane V/C Ratio	0.344	0.346	0.084	0.359	0.242	0.753
HCM Control Delay	13.1	13.9	9.9	13.9	11.1	25.7
HCM Lane LOS	B	B	A	B	B	D
HCM 95th-tile Q	1.5	1.5	0.3	1.6	0.9	6.8

Intersection	
Int Delay, s/veh	0.8

Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Traffic Vol, veh/h	13	8	148	11	11	191
Future Vol, veh/h	13	8	148	11	11	191
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	-	-	-	-	-
Veh in Median Storage, #	0	-	0	-	-	0
Grade, %	0	-	0	-	-	0
Peak Hour Factor	80	80	80	80	80	80
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	16	10	185	14	14	239

Major/Minor	Minor1		Major1		Major2	
Conflicting Flow All	459	192	0	0	199	0
Stage 1	192	-	-	-	-	-
Stage 2	267	-	-	-	-	-
Critical Hdwy	6.42	6.22	-	-	4.12	-
Critical Hdwy Stg 1	5.42	-	-	-	-	-
Critical Hdwy Stg 2	5.42	-	-	-	-	-
Follow-up Hdwy	3.518	3.318	-	-	2.218	-
Pot Cap-1 Maneuver	560	850	-	-	1373	-
Stage 1	841	-	-	-	-	-
Stage 2	778	-	-	-	-	-
Platoon blocked, %			-	-		-
Mov Cap-1 Maneuver	553	850	-	-	1373	-
Mov Cap-2 Maneuver	553	-	-	-	-	-
Stage 1	841	-	-	-	-	-
Stage 2	769	-	-	-	-	-

Approach	WB	NB	SB
HCM Control Delay, s	10.9	0	0.4
HCM LOS	B		

Minor Lane/Major Mvmt	NBT	NBR	WBLn1	SBL	SBT
Capacity (veh/h)	-	-	638	1373	-
HCM Lane V/C Ratio	-	-	0.041	0.01	-
HCM Control Delay (s)	-	-	10.9	7.6	0
HCM Lane LOS	-	-	B	A	A
HCM 95th %tile Q(veh)	-	-	0.1	0	-

Intersection	
Int Delay, s/veh	0.1

Movement	EBL	EBT	WBT	WBR	SBL	SBR
Lane Configurations						
Traffic Vol, veh/h	0	183	159	3	2	0
Future Vol, veh/h	0	183	159	3	2	0
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	None	-	None
Storage Length	-	-	-	-	0	-
Veh in Median Storage, #	-	0	0	-	0	-
Grade, %	-	0	0	-	0	-
Peak Hour Factor	88	88	88	88	88	88
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	0	208	181	3	2	0

Major/Minor	Major1		Major2		Minor2	
Conflicting Flow All	184	0	-	0	391	183
Stage 1	-	-	-	-	183	-
Stage 2	-	-	-	-	208	-
Critical Hdwy	4.12	-	-	-	6.42	6.22
Critical Hdwy Stg 1	-	-	-	-	5.42	-
Critical Hdwy Stg 2	-	-	-	-	5.42	-
Follow-up Hdwy	2.218	-	-	-	3.518	3.318
Pot Cap-1 Maneuver	1391	-	-	-	613	859
Stage 1	-	-	-	-	848	-
Stage 2	-	-	-	-	827	-
Platoon blocked, %		-	-	-		
Mov Cap-1 Maneuver	1391	-	-	-	613	859
Mov Cap-2 Maneuver	-	-	-	-	613	-
Stage 1	-	-	-	-	848	-
Stage 2	-	-	-	-	827	-

Approach	EB	WB	SB
HCM Control Delay, s	0	0	10.9
HCM LOS			B

Minor Lane/Major Mvmt	EBL	EBT	WBT	WBR	SBLn1
Capacity (veh/h)	1391	-	-	-	613
HCM Lane V/C Ratio	-	-	-	-	0.004
HCM Control Delay (s)	0	-	-	-	10.9
HCM Lane LOS	A	-	-	-	B
HCM 95th %tile Q(veh)	0	-	-	-	0

Intersection	
Intersection Delay, s/veh	7.4
Intersection LOS	A

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	3	1	8	6	3	2	10	51	12	4	81	2
Future Vol, veh/h	3	1	8	6	3	2	10	51	12	4	81	2
Peak Hour Factor	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	3	1	9	7	3	2	11	56	13	4	89	2
Number of Lanes	0	1	0	0	1	0	0	1	0	0	1	0

Approach	EB	WB	NB	SB
Opposing Approach	WB	EB	SB	NB
Opposing Lanes	1	1	1	1
Conflicting Approach Left	SB	NB	EB	WB
Conflicting Lanes Left	1	1	1	1
Conflicting Approach Right	NB	SB	WB	EB
Conflicting Lanes Right	1	1	1	1
HCM Control Delay	7	7.4	7.4	7.5
HCM LOS	A	A	A	A

Lane	NBLn1	EBLn1	WBLn1	SBLn1
Vol Left, %	14%	25%	55%	5%
Vol Thru, %	70%	8%	27%	93%
Vol Right, %	16%	67%	18%	2%
Sign Control	Stop	Stop	Stop	Stop
Traffic Vol by Lane	73	12	11	87
LT Vol	10	3	6	4
Through Vol	51	1	3	81
RT Vol	12	8	2	2
Lane Flow Rate	80	13	12	96
Geometry Grp	1	1	1	1
Degree of Util (X)	0.089	0.014	0.014	0.107
Departure Headway (Hd)	3.979	3.895	4.247	4.034
Convergence, Y/N	Yes	Yes	Yes	Yes
Cap	899	906	832	888
Service Time	2.008	1.973	2.325	2.059
HCM Lane V/C Ratio	0.089	0.014	0.014	0.108
HCM Control Delay	7.4	7	7.4	7.5
HCM Lane LOS	A	A	A	A
HCM 95th-tile Q	0.3	0	0	0.4

Intersection	
Intersection Delay, s/veh	7.6
Intersection LOS	A

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	1	4	4	10	19	39	8	37	6	45	53	0
Future Vol, veh/h	1	4	4	10	19	39	8	37	6	45	53	0
Peak Hour Factor	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.86
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	1	5	5	12	22	45	9	43	7	52	62	0
Number of Lanes	0	1	0	0	1	0	0	1	0	0	1	0

Approach	EB	WB	NB	SB
Opposing Approach	WB	EB	SB	NB
Opposing Lanes	1	1	1	1
Conflicting Approach Left	SB	NB	EB	WB
Conflicting Lanes Left	1	1	1	1
Conflicting Approach Right	NB	SB	WB	EB
Conflicting Lanes Right	1	1	1	1
HCM Control Delay	7.2	7.4	7.5	7.9
HCM LOS	A	A	A	A

Lane	NBLn1	EBLn1	WBLn1	SBLn1
Vol Left, %	16%	11%	15%	46%
Vol Thru, %	73%	44%	28%	54%
Vol Right, %	12%	44%	57%	0%
Sign Control	Stop	Stop	Stop	Stop
Traffic Vol by Lane	51	9	68	98
LT Vol	8	1	10	45
Through Vol	37	4	19	53
RT Vol	6	4	39	0
Lane Flow Rate	59	10	79	114
Geometry Grp	1	1	1	1
Degree of Util (X)	0.068	0.012	0.086	0.134
Departure Headway (Hd)	4.137	4.158	3.925	4.226
Convergence, Y/N	Yes	Yes	Yes	Yes
Cap	858	866	897	843
Service Time	2.204	2.158	2.019	2.277
HCM Lane V/C Ratio	0.069	0.012	0.088	0.135
HCM Control Delay	7.5	7.2	7.4	7.9
HCM Lane LOS	A	A	A	A
HCM 95th-tile Q	0.2	0	0.3	0.5

Intersection	
Intersection Delay, s/veh	9.4
Intersection LOS	A

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	11	48	12	11	64	107	12	90	9	78	124	4
Future Vol, veh/h	11	48	12	11	64	107	12	90	9	78	124	4
Peak Hour Factor	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	13	55	14	13	73	122	14	102	10	89	141	5
Number of Lanes	0	1	1	0	1	1	0	1	0	0	1	0

Approach	EB	WB	NB	SB
Opposing Approach	WB	EB	SB	NB
Opposing Lanes	2	2	1	1
Conflicting Approach Left	SB	NB	EB	WB
Conflicting Lanes Left	1	1	2	2
Conflicting Approach Right	NB	SB	WB	EB
Conflicting Lanes Right	1	1	2	2
HCM Control Delay	9	8.8	9	10.2
HCM LOS	A	A	A	B

Lane	NBLn1	EBLn1	EBLn2	WBLn1	WBLn2	SBLn1
Vol Left, %	11%	19%	0%	15%	0%	38%
Vol Thru, %	81%	81%	0%	85%	0%	60%
Vol Right, %	8%	0%	100%	0%	100%	2%
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop
Traffic Vol by Lane	111	59	12	75	107	206
LT Vol	12	11	0	11	0	78
Through Vol	90	48	0	64	0	124
RT Vol	9	0	12	0	107	4
Lane Flow Rate	126	67	14	85	122	234
Geometry Grp	2	7	7	7	7	2
Degree of Util (X)	0.172	0.107	0.019	0.132	0.162	0.316
Departure Headway (Hd)	4.909	5.744	4.941	5.585	4.804	4.859
Convergence, Y/N	Yes	Yes	Yes	Yes	Yes	Yes
Cap	725	619	718	638	740	735
Service Time	2.976	3.522	2.718	3.353	2.571	2.916
HCM Lane V/C Ratio	0.174	0.108	0.019	0.133	0.165	0.318
HCM Control Delay	9	9.2	7.8	9.2	8.5	10.2
HCM Lane LOS	A	A	A	A	A	B
HCM 95th-tile Q	0.6	0.4	0.1	0.5	0.6	1.4

Intersection	
Int Delay, s/veh	1.1

Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Traffic Vol, veh/h	9	6	67	8	8	87
Future Vol, veh/h	9	6	67	8	8	87
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	-	-	-	-	-
Veh in Median Storage, #	0	-	0	-	-	0
Grade, %	0	-	0	-	-	0
Peak Hour Factor	88	88	88	88	88	88
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	10	7	76	9	9	99

Major/Minor	Minor1		Major1		Major2	
Conflicting Flow All	198	81	0	0	85	0
Stage 1	81	-	-	-	-	-
Stage 2	117	-	-	-	-	-
Critical Hdwy	6.42	6.22	-	-	4.12	-
Critical Hdwy Stg 1	5.42	-	-	-	-	-
Critical Hdwy Stg 2	5.42	-	-	-	-	-
Follow-up Hdwy	3.518	3.318	-	-	2.218	-
Pot Cap-1 Maneuver	791	979	-	-	1512	-
Stage 1	942	-	-	-	-	-
Stage 2	908	-	-	-	-	-
Platoon blocked, %			-	-		-
Mov Cap-1 Maneuver	786	979	-	-	1512	-
Mov Cap-2 Maneuver	786	-	-	-	-	-
Stage 1	942	-	-	-	-	-
Stage 2	903	-	-	-	-	-

Approach	WB	NB	SB
HCM Control Delay, s	9.3	0	0.6
HCM LOS	A		

Minor Lane/Major Mvmt	NBT	NBR	WBLn1	SBL	SBT
Capacity (veh/h)	-	-	853	1512	-
HCM Lane V/C Ratio	-	-	0.02	0.006	-
HCM Control Delay (s)	-	-	9.3	7.4	0
HCM Lane LOS	-	-	A	A	A
HCM 95th %tile Q(veh)	-	-	0.1	0	-

Intersection	
Int Delay, s/veh	0.1

Movement	EBL	EBT	WBT	WBR	SBL	SBR
Lane Configurations						
Traffic Vol, veh/h	0	71	78	2	2	0
Future Vol, veh/h	0	71	78	2	2	0
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	None	-	None
Storage Length	-	-	-	-	0	-
Veh in Median Storage, #	-	0	0	-	0	-
Grade, %	-	0	0	-	0	-
Peak Hour Factor	88	88	88	88	88	88
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	0	81	89	2	2	0

Major/Minor	Major1		Major2		Minor2	
Conflicting Flow All	91	0	-	0	171	90
Stage 1	-	-	-	-	90	-
Stage 2	-	-	-	-	81	-
Critical Hdwy	4.12	-	-	-	6.42	6.22
Critical Hdwy Stg 1	-	-	-	-	5.42	-
Critical Hdwy Stg 2	-	-	-	-	5.42	-
Follow-up Hdwy	2.218	-	-	-	3.518	3.318
Pot Cap-1 Maneuver	1504	-	-	-	819	968
Stage 1	-	-	-	-	934	-
Stage 2	-	-	-	-	942	-
Platoon blocked, %		-	-	-		
Mov Cap-1 Maneuver	1504	-	-	-	819	968
Mov Cap-2 Maneuver	-	-	-	-	819	-
Stage 1	-	-	-	-	934	-
Stage 2	-	-	-	-	942	-

Approach	EB	WB	SB
HCM Control Delay, s	0	0	9.4
HCM LOS			A

Minor Lane/Major Mvmt	EBL	EBT	WBT	WBR	SBLn1
Capacity (veh/h)	1504	-	-	-	819
HCM Lane V/C Ratio	-	-	-	-	0.003
HCM Control Delay (s)	0	-	-	-	9.4
HCM Lane LOS	A	-	-	-	A
HCM 95th %tile Q(veh)	0	-	-	-	0

- Existing plus Ambient Growth Conditions

Intersection	
Intersection Delay, s/veh	9
Intersection LOS	A

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	6	21	85	3	23	9	66	85	3	7	113	3
Future Vol, veh/h	6	21	85	3	23	9	66	85	3	7	113	3
Peak Hour Factor	0.72	0.72	0.72	0.72	0.72	0.72	0.72	0.72	0.72	0.72	0.72	0.72
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	8	29	118	4	32	13	92	118	4	10	157	4
Number of Lanes	0	1	0	0	1	0	0	1	0	0	1	0

Approach	EB	WB	NB	SB
Opposing Approach	WB	EB	SB	NB
Opposing Lanes	1	1	1	1
Conflicting Approach Left	SB	NB	EB	WB
Conflicting Lanes Left	1	1	1	1
Conflicting Approach Right	NB	SB	WB	EB
Conflicting Lanes Right	1	1	1	1
HCM Control Delay	8.6	8.3	9.5	9
HCM LOS	A	A	A	A

Lane	NBLn1	EBLn1	WBLn1	SBLn1
Vol Left, %	43%	5%	9%	6%
Vol Thru, %	55%	19%	66%	92%
Vol Right, %	2%	76%	26%	2%
Sign Control	Stop	Stop	Stop	Stop
Traffic Vol by Lane	154	112	35	123
LT Vol	66	6	3	7
Through Vol	85	21	23	113
RT Vol	3	85	9	3
Lane Flow Rate	214	156	49	171
Geometry Grp	1	1	1	1
Degree of Util (X)	0.278	0.192	0.066	0.221
Departure Headway (Hd)	4.678	4.452	4.892	4.653
Convergence, Y/N	Yes	Yes	Yes	Yes
Cap	766	803	729	769
Service Time	2.717	2.494	2.944	2.694
HCM Lane V/C Ratio	0.279	0.194	0.067	0.222
HCM Control Delay	9.5	8.6	8.3	9
HCM Lane LOS	A	A	A	A
HCM 95th-tile Q	1.1	0.7	0.2	0.8

Intersection	
Intersection Delay, s/veh	9.6
Intersection LOS	A

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	0	44	18	40	39	102	9	48	9	125	74	0
Future Vol, veh/h	0	44	18	40	39	102	9	48	9	125	74	0
Peak Hour Factor	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	0	55	23	50	49	128	11	60	11	156	93	0
Number of Lanes	0	1	0	0	1	0	0	1	0	0	1	0

Approach	EB	WB	NB	SB
Opposing Approach	WB	EB	SB	NB
Opposing Lanes	1	1	1	1
Conflicting Approach Left	SB	NB	EB	WB
Conflicting Lanes Left	1	1	1	1
Conflicting Approach Right	NB	SB	WB	EB
Conflicting Lanes Right	1	1	1	1
HCM Control Delay	8.5	9.4	8.6	10.4
HCM LOS	A	A	A	B

Lane	NBLn1	EBLn1	WBLn1	SBLn1
Vol Left, %	14%	0%	22%	63%
Vol Thru, %	73%	71%	22%	37%
Vol Right, %	14%	29%	56%	0%
Sign Control	Stop	Stop	Stop	Stop
Traffic Vol by Lane	66	62	181	199
LT Vol	9	0	40	125
Through Vol	48	44	39	74
RT Vol	9	18	102	0
Lane Flow Rate	82	78	226	249
Geometry Grp	1	1	1	1
Degree of Util (X)	0.112	0.104	0.286	0.336
Departure Headway (Hd)	4.903	4.854	4.553	4.866
Convergence, Y/N	Yes	Yes	Yes	Yes
Cap	725	734	785	736
Service Time	2.97	2.915	2.601	2.92
HCM Lane V/C Ratio	0.113	0.106	0.288	0.338
HCM Control Delay	8.6	8.5	9.4	10.4
HCM Lane LOS	A	A	A	B
HCM 95th-tile Q	0.4	0.3	1.2	1.5

Intersection	
Intersection Delay, s/veh	19.3
Intersection LOS	C

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	15	129	37	36	116	120	25	124	11	137	239	17
Future Vol, veh/h	15	129	37	36	116	120	25	124	11	137	239	17
Peak Hour Factor	0.84	0.84	0.84	0.84	0.84	0.84	0.84	0.84	0.84	0.84	0.84	0.84
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	18	154	44	43	138	143	30	148	13	163	285	20
Number of Lanes	0	1	1	0	1	1	0	1	0	0	1	0

Approach	EB	WB	NB	SB
Opposing Approach	WB	EB	SB	NB
Opposing Lanes	2	2	1	1
Conflicting Approach Left	SB	NB	EB	WB
Conflicting Lanes Left	1	1	2	2
Conflicting Approach Right	NB	SB	WB	EB
Conflicting Lanes Right	1	1	2	2
HCM Control Delay	13.3	13	13.4	28.7
HCM LOS	B	B	B	D

Lane	NBLn1	EBLn1	EBLn2	WBLn1	WBLn2	SBLn1
Vol Left, %	16%	10%	0%	24%	0%	35%
Vol Thru, %	78%	90%	0%	76%	0%	61%
Vol Right, %	7%	0%	100%	0%	100%	4%
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop
Traffic Vol by Lane	160	144	37	152	120	393
LT Vol	25	15	0	36	0	137
Through Vol	124	129	0	116	0	239
RT Vol	11	0	37	0	120	17
Lane Flow Rate	190	171	44	181	143	468
Geometry Grp	2	7	7	7	7	2
Degree of Util (X)	0.354	0.352	0.081	0.366	0.255	0.794
Departure Headway (Hd)	6.682	7.398	6.623	7.274	6.433	6.106
Convergence, Y/N	Yes	Yes	Yes	Yes	Yes	Yes
Cap	537	485	540	494	557	594
Service Time	4.741	5.155	4.38	5.028	4.186	4.149
HCM Lane V/C Ratio	0.354	0.353	0.081	0.366	0.257	0.788
HCM Control Delay	13.4	14.1	10	14.2	11.4	28.7
HCM Lane LOS	B	B	A	B	B	D
HCM 95th-tile Q	1.6	1.6	0.3	1.7	1	7.7

Intersection	
Int Delay, s/veh	0

Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Traffic Vol, veh/h	0	0	152	0	0	199
Future Vol, veh/h	0	0	152	0	0	199
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	-	-	-	-	-
Veh in Median Storage, #	0	-	0	-	-	0
Grade, %	0	-	0	-	-	0
Peak Hour Factor	80	80	80	80	80	80
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	0	0	190	0	0	249

Major/Minor	Minor1		Major1		Major2	
Conflicting Flow All	439	190	0	0	190	0
Stage 1	190	-	-	-	-	-
Stage 2	249	-	-	-	-	-
Critical Hdwy	6.42	6.22	-	-	4.12	-
Critical Hdwy Stg 1	5.42	-	-	-	-	-
Critical Hdwy Stg 2	5.42	-	-	-	-	-
Follow-up Hdwy	3.518	3.318	-	-	2.218	-
Pot Cap-1 Maneuver	575	852	-	-	1384	-
Stage 1	842	-	-	-	-	-
Stage 2	792	-	-	-	-	-
Platoon blocked, %			-	-		-
Mov Cap-1 Maneuver	575	852	-	-	1384	-
Mov Cap-2 Maneuver	575	-	-	-	-	-
Stage 1	842	-	-	-	-	-
Stage 2	792	-	-	-	-	-

Approach	WB	NB	SB
HCM Control Delay, s	0	0	0
HCM LOS	A		

Minor Lane/Major Mvmt	NBT	NBR	WBLn1	SBL	SBT
Capacity (veh/h)	-	-	-	1384	-
HCM Lane V/C Ratio	-	-	-	-	-
HCM Control Delay (s)	-	-	0	0	-
HCM Lane LOS	-	-	A	A	-
HCM 95th %tile Q(veh)	-	-	-	0	-

Intersection	
Int Delay, s/veh	0

Movement	EBL	EBT	WBT	WBR	SBL	SBR
Lane Configurations						
Traffic Vol, veh/h	0	180	158	0	0	0
Future Vol, veh/h	0	180	158	0	0	0
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	None	-	None
Storage Length	-	-	-	-	0	-
Veh in Median Storage, #	-	0	0	-	0	-
Grade, %	-	0	0	-	0	-
Peak Hour Factor	88	88	88	88	88	88
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	0	205	180	0	0	0

Major/Minor	Major1		Major2		Minor2	
Conflicting Flow All	180	0	-	0	385	180
Stage 1	-	-	-	-	180	-
Stage 2	-	-	-	-	205	-
Critical Hdwy	4.12	-	-	-	6.42	6.22
Critical Hdwy Stg 1	-	-	-	-	5.42	-
Critical Hdwy Stg 2	-	-	-	-	5.42	-
Follow-up Hdwy	2.218	-	-	-	3.518	3.318
Pot Cap-1 Maneuver	1396	-	-	-	618	863
Stage 1	-	-	-	-	851	-
Stage 2	-	-	-	-	829	-
Platoon blocked, %		-	-	-		
Mov Cap-1 Maneuver	1396	-	-	-	618	863
Mov Cap-2 Maneuver	-	-	-	-	618	-
Stage 1	-	-	-	-	851	-
Stage 2	-	-	-	-	829	-

Approach	EB	WB	SB
HCM Control Delay, s	0	0	0
HCM LOS			A

Minor Lane/Major Mvmt	EBL	EBT	WBT	WBR	SBLn1
Capacity (veh/h)	1396	-	-	-	-
HCM Lane V/C Ratio	-	-	-	-	-
HCM Control Delay (s)	0	-	-	-	0
HCM Lane LOS	A	-	-	-	A
HCM 95th %tile Q(veh)	0	-	-	-	-

Intersection	
Intersection Delay, s/veh	7.5
Intersection LOS	A

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	4	2	8	3	4	3	10	50	9	5	82	3
Future Vol, veh/h	4	2	8	3	4	3	10	50	9	5	82	3
Peak Hour Factor	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	4	2	9	3	4	3	11	55	10	5	90	3
Number of Lanes	0	1	0	0	1	0	0	1	0	0	1	0

Approach	EB	WB	NB	SB
Opposing Approach	WB	EB	SB	NB
Opposing Lanes	1	1	1	1
Conflicting Approach Left	SB	NB	EB	WB
Conflicting Lanes Left	1	1	1	1
Conflicting Approach Right	NB	SB	WB	EB
Conflicting Lanes Right	1	1	1	1
HCM Control Delay	7.1	7.3	7.4	7.6
HCM LOS	A	A	A	A

Lane	NBLn1	EBLn1	WBLn1	SBLn1
Vol Left, %	14%	29%	30%	6%
Vol Thru, %	72%	14%	40%	91%
Vol Right, %	13%	57%	30%	3%
Sign Control	Stop	Stop	Stop	Stop
Traffic Vol by Lane	69	14	10	90
LT Vol	10	4	3	5
Through Vol	50	2	4	82
RT Vol	9	8	3	3
Lane Flow Rate	76	15	11	99
Geometry Grp	1	1	1	1
Degree of Util (X)	0.084	0.017	0.013	0.111
Departure Headway (Hd)	4.006	3.956	4.126	4.029
Convergence, Y/N	Yes	Yes	Yes	Yes
Cap	893	892	856	889
Service Time	2.037	2.035	2.205	2.055
HCM Lane V/C Ratio	0.085	0.017	0.013	0.111
HCM Control Delay	7.4	7.1	7.3	7.6
HCM Lane LOS	A	A	A	A
HCM 95th-tile Q	0.3	0.1	0	0.4

Intersection	
Intersection Delay, s/veh	7.6
Intersection LOS	A

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	2	5	5	11	20	34	9	36	7	40	52	0
Future Vol, veh/h	2	5	5	11	20	34	9	36	7	40	52	0
Peak Hour Factor	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.86
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	2	6	6	13	23	40	10	42	8	47	60	0
Number of Lanes	0	1	0	0	1	0	0	1	0	0	1	0

Approach	EB	WB	NB	SB
Opposing Approach	WB	EB	SB	NB
Opposing Lanes	1	1	1	1
Conflicting Approach Left	SB	NB	EB	WB
Conflicting Lanes Left	1	1	1	1
Conflicting Approach Right	NB	SB	WB	EB
Conflicting Lanes Right	1	1	1	1
HCM Control Delay	7.2	7.4	7.5	7.9
HCM LOS	A	A	A	A

Lane	NBLn1	EBLn1	WBLn1	SBLn1
Vol Left, %	17%	17%	17%	43%
Vol Thru, %	69%	42%	31%	57%
Vol Right, %	13%	42%	52%	0%
Sign Control	Stop	Stop	Stop	Stop
Traffic Vol by Lane	52	12	65	92
LT Vol	9	2	11	40
Through Vol	36	5	20	52
RT Vol	7	5	34	0
Lane Flow Rate	60	14	76	107
Geometry Grp	1	1	1	1
Degree of Util (X)	0.069	0.016	0.083	0.125
Departure Headway (Hd)	4.125	4.168	3.953	4.222
Convergence, Y/N	Yes	Yes	Yes	Yes
Cap	860	864	892	844
Service Time	2.191	2.168	2.042	2.275
HCM Lane V/C Ratio	0.07	0.016	0.085	0.127
HCM Control Delay	7.5	7.2	7.4	7.9
HCM Lane LOS	A	A	A	A
HCM 95th-tile Q	0.2	0	0.3	0.4

Intersection	
Intersection Delay, s/veh	9.5
Intersection LOS	A

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	12	46	10	12	63	112	10	94	10	82	129	5
Future Vol, veh/h	12	46	10	12	63	112	10	94	10	82	129	5
Peak Hour Factor	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	14	52	11	14	72	127	11	107	11	93	147	6
Number of Lanes	0	1	1	0	1	1	0	1	0	0	1	0

Approach	EB	WB	NB	SB
Opposing Approach	WB	EB	SB	NB
Opposing Lanes	2	2	1	1
Conflicting Approach Left	SB	NB	EB	WB
Conflicting Lanes Left	1	1	2	2
Conflicting Approach Right	NB	SB	WB	EB
Conflicting Lanes Right	1	1	2	2
HCM Control Delay	9.1	8.9	9.1	10.4
HCM LOS	A	A	A	B

Lane	NBLn1	EBLn1	EBLn2	WBLn1	WBLn2	SBLn1
Vol Left, %	9%	21%	0%	16%	0%	38%
Vol Thru, %	82%	79%	0%	84%	0%	60%
Vol Right, %	9%	0%	100%	0%	100%	2%
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop
Traffic Vol by Lane	114	58	10	75	112	216
LT Vol	10	12	0	12	0	82
Through Vol	94	46	0	63	0	129
RT Vol	10	0	10	0	112	5
Lane Flow Rate	130	66	11	85	127	245
Geometry Grp	2	7	7	7	7	2
Degree of Util (X)	0.177	0.106	0.016	0.133	0.171	0.332
Departure Headway (Hd)	4.927	5.803	4.99	5.628	4.84	4.872
Convergence, Y/N	Yes	Yes	Yes	Yes	Yes	Yes
Cap	723	613	710	633	736	734
Service Time	2.995	3.584	2.77	3.396	2.608	2.929
HCM Lane V/C Ratio	0.18	0.108	0.015	0.134	0.173	0.334
HCM Control Delay	9.1	9.3	7.9	9.3	8.6	10.4
HCM Lane LOS	A	A	A	A	A	B
HCM 95th-tile Q	0.6	0.4	0	0.5	0.6	1.5

Intersection	
Int Delay, s/veh	0

Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Traffic Vol, veh/h	0	0	68	0	0	91
Future Vol, veh/h	0	0	68	0	0	91
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	-	-	-	-	-
Veh in Median Storage, #	0	-	0	-	-	0
Grade, %	0	-	0	-	-	0
Peak Hour Factor	88	88	88	88	88	88
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	0	0	77	0	0	103

Major/Minor	Minor1		Major1		Major2	
Conflicting Flow All	180	77	0	0	77	0
Stage 1	77	-	-	-	-	-
Stage 2	103	-	-	-	-	-
Critical Hdwy	6.42	6.22	-	-	4.12	-
Critical Hdwy Stg 1	5.42	-	-	-	-	-
Critical Hdwy Stg 2	5.42	-	-	-	-	-
Follow-up Hdwy	3.518	3.318	-	-	2.218	-
Pot Cap-1 Maneuver	810	984	-	-	1522	-
Stage 1	946	-	-	-	-	-
Stage 2	921	-	-	-	-	-
Platoon blocked, %			-	-		-
Mov Cap-1 Maneuver	810	984	-	-	1522	-
Mov Cap-2 Maneuver	810	-	-	-	-	-
Stage 1	946	-	-	-	-	-
Stage 2	921	-	-	-	-	-

Approach	WB	NB	SB
HCM Control Delay, s	0	0	0
HCM LOS	A		

Minor Lane/Major Mvmt	NBT	NBR	WBLn1	SBL	SBT
Capacity (veh/h)	-	-	-	1522	-
HCM Lane V/C Ratio	-	-	-	-	-
HCM Control Delay (s)	-	-	0	0	-
HCM Lane LOS	-	-	A	A	-
HCM 95th %tile Q(veh)	-	-	-	0	-

Intersection	
Int Delay, s/veh	0

Movement	EBL	EBT	WBT	WBR	SBL	SBR
Lane Configurations						
Traffic Vol, veh/h	0	67	76	0	0	0
Future Vol, veh/h	0	67	76	0	0	0
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	None	-	None
Storage Length	-	-	-	-	0	-
Veh in Median Storage, #	-	0	0	-	0	-
Grade, %	-	0	0	-	0	-
Peak Hour Factor	88	88	88	88	88	88
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	0	76	86	0	0	0

Major/Minor	Major1		Major2		Minor2	
Conflicting Flow All	86	0	-	0	162	86
Stage 1	-	-	-	-	86	-
Stage 2	-	-	-	-	76	-
Critical Hdwy	4.12	-	-	-	6.42	6.22
Critical Hdwy Stg 1	-	-	-	-	5.42	-
Critical Hdwy Stg 2	-	-	-	-	5.42	-
Follow-up Hdwy	2.218	-	-	-	3.518	3.318
Pot Cap-1 Maneuver	1510	-	-	-	829	973
Stage 1	-	-	-	-	937	-
Stage 2	-	-	-	-	947	-
Platoon blocked, %		-	-	-		
Mov Cap-1 Maneuver	1510	-	-	-	829	973
Mov Cap-2 Maneuver	-	-	-	-	829	-
Stage 1	-	-	-	-	937	-
Stage 2	-	-	-	-	947	-

Approach	EB	WB	SB
HCM Control Delay, s	0	0	0
HCM LOS			A

Minor Lane/Major Mvmt	EBL	EBT	WBT	WBR	SBLn1
Capacity (veh/h)	1510	-	-	-	-
HCM Lane V/C Ratio	-	-	-	-	-
HCM Control Delay (s)	0	-	-	-	0
HCM Lane LOS	A	-	-	-	A
HCM 95th %tile Q(veh)	0	-	-	-	-

- Existing plus Ambient Growth plus Project Conditions

Intersection	
Intersection Delay, s/veh	9.2
Intersection LOS	A

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	6	21	86	9	23	9	67	89	9	7	117	3
Future Vol, veh/h	6	21	86	9	23	9	67	89	9	7	117	3
Peak Hour Factor	0.72	0.72	0.72	0.72	0.72	0.72	0.72	0.72	0.72	0.72	0.72	0.72
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	8	29	119	13	32	13	93	124	13	10	163	4
Number of Lanes	0	1	0	0	1	0	0	1	0	0	1	0

Approach	EB	WB	NB	SB
Opposing Approach	WB	EB	SB	NB
Opposing Lanes	1	1	1	1
Conflicting Approach Left	SB	NB	EB	WB
Conflicting Lanes Left	1	1	1	1
Conflicting Approach Right	NB	SB	WB	EB
Conflicting Lanes Right	1	1	1	1
HCM Control Delay	8.7	8.5	9.7	9.2
HCM LOS	A	A	A	A

Lane	NBLn1	EBLn1	WBLn1	SBLn1
Vol Left, %	41%	5%	22%	6%
Vol Thru, %	54%	19%	56%	92%
Vol Right, %	5%	76%	22%	2%
Sign Control	Stop	Stop	Stop	Stop
Traffic Vol by Lane	165	113	41	127
LT Vol	67	6	9	7
Through Vol	89	21	23	117
RT Vol	9	86	9	3
Lane Flow Rate	229	157	57	176
Geometry Grp	1	1	1	1
Degree of Util (X)	0.299	0.197	0.079	0.23
Departure Headway (Hd)	4.69	4.515	4.999	4.701
Convergence, Y/N	Yes	Yes	Yes	Yes
Cap	763	791	713	760
Service Time	2.736	2.562	3.057	2.751
HCM Lane V/C Ratio	0.3	0.198	0.08	0.232
HCM Control Delay	9.7	8.7	8.5	9.2
HCM Lane LOS	A	A	A	A
HCM 95th-tile Q	1.3	0.7	0.3	0.9

Intersection	
Intersection Delay, s/veh	9.9
Intersection LOS	A

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	0	44	18	40	39	112	9	52	9	135	78	0
Future Vol, veh/h	0	44	18	40	39	112	9	52	9	135	78	0
Peak Hour Factor	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	0	55	23	50	49	140	11	65	11	169	98	0
Number of Lanes	0	1	0	0	1	0	0	1	0	0	1	0

Approach	EB	WB	NB	SB
Opposing Approach	WB	EB	SB	NB
Opposing Lanes	1	1	1	1
Conflicting Approach Left	SB	NB	EB	WB
Conflicting Lanes Left	1	1	1	1
Conflicting Approach Right	NB	SB	WB	EB
Conflicting Lanes Right	1	1	1	1
HCM Control Delay	8.6	9.7	8.7	10.8
HCM LOS	A	A	A	B

Lane	NBLn1	EBLn1	WBLn1	SBLn1
Vol Left, %	13%	0%	21%	63%
Vol Thru, %	74%	71%	20%	37%
Vol Right, %	13%	29%	59%	0%
Sign Control	Stop	Stop	Stop	Stop
Traffic Vol by Lane	70	62	191	213
LT Vol	9	0	40	135
Through Vol	52	44	39	78
RT Vol	9	18	112	0
Lane Flow Rate	88	78	239	266
Geometry Grp	1	1	1	1
Degree of Util (X)	0.121	0.106	0.305	0.363
Departure Headway (Hd)	4.969	4.936	4.599	4.909
Convergence, Y/N	Yes	Yes	Yes	Yes
Cap	715	720	776	727
Service Time	3.044	3.008	2.655	2.972
HCM Lane V/C Ratio	0.123	0.108	0.308	0.366
HCM Control Delay	8.7	8.6	9.7	10.8
HCM Lane LOS	A	A	A	B
HCM 95th-tile Q	0.4	0.4	1.3	1.7

Intersection	
Intersection Delay, s/veh	19.9
Intersection LOS	C

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	15	135	41	36	122	120	29	124	11	137	239	17
Future Vol, veh/h	15	135	41	36	122	120	29	124	11	137	239	17
Peak Hour Factor	0.84	0.84	0.84	0.84	0.84	0.84	0.84	0.84	0.84	0.84	0.84	0.84
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	18	161	49	43	145	143	35	148	13	163	285	20
Number of Lanes	0	1	1	0	1	1	0	1	0	0	1	0

Approach	EB	WB	NB	SB
Opposing Approach	WB	EB	SB	NB
Opposing Lanes	2	2	1	1
Conflicting Approach Left	SB	NB	EB	WB
Conflicting Lanes Left	1	1	2	2
Conflicting Approach Right	NB	SB	WB	EB
Conflicting Lanes Right	1	1	2	2
HCM Control Delay	13.6	13.3	13.8	30.2
HCM LOS	B	B	B	D

Lane	NBLn1	EBLn1	EBLn2	WBLn1	WBLn2	SBLn1
Vol Left, %	18%	10%	0%	23%	0%	35%
Vol Thru, %	76%	90%	0%	77%	0%	61%
Vol Right, %	7%	0%	100%	0%	100%	4%
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop
Traffic Vol by Lane	164	150	41	158	120	393
LT Vol	29	15	0	36	0	137
Through Vol	124	135	0	122	0	239
RT Vol	11	0	41	0	120	17
Lane Flow Rate	195	179	49	188	143	468
Geometry Grp	2	7	7	7	7	2
Degree of Util (X)	0.368	0.37	0.091	0.384	0.258	0.806
Departure Headway (Hd)	6.79	7.465	6.692	7.349	6.512	6.2
Convergence, Y/N	Yes	Yes	Yes	Yes	Yes	Yes
Cap	529	480	533	489	550	585
Service Time	4.853	5.228	4.455	5.108	4.27	4.244
HCM Lane V/C Ratio	0.369	0.373	0.092	0.384	0.26	0.8
HCM Control Delay	13.8	14.6	10.1	14.7	11.5	30.2
HCM Lane LOS	B	B	B	B	B	D
HCM 95th-tile Q	1.7	1.7	0.3	1.8	1	7.9

Intersection	
Int Delay, s/veh	0.8

Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Traffic Vol, veh/h	13	8	154	11	11	199
Future Vol, veh/h	13	8	154	11	11	199
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	-	-	-	-	-
Veh in Median Storage, #	0	-	0	-	-	0
Grade, %	0	-	0	-	-	0
Peak Hour Factor	80	80	80	80	80	80
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	16	10	193	14	14	249

Major/Minor	Minor1		Major1		Major2	
Conflicting Flow All	477	200	0	0	207	0
Stage 1	200	-	-	-	-	-
Stage 2	277	-	-	-	-	-
Critical Hdwy	6.42	6.22	-	-	4.12	-
Critical Hdwy Stg 1	5.42	-	-	-	-	-
Critical Hdwy Stg 2	5.42	-	-	-	-	-
Follow-up Hdwy	3.518	3.318	-	-	2.218	-
Pot Cap-1 Maneuver	547	841	-	-	1364	-
Stage 1	834	-	-	-	-	-
Stage 2	770	-	-	-	-	-
Platoon blocked, %			-	-		-
Mov Cap-1 Maneuver	540	841	-	-	1364	-
Mov Cap-2 Maneuver	540	-	-	-	-	-
Stage 1	834	-	-	-	-	-
Stage 2	761	-	-	-	-	-

Approach	WB	NB	SB
HCM Control Delay, s	11	0	0.4
HCM LOS	B		

Minor Lane/Major Mvmt	NBT	NBR	WBLn1	SBL	SBT
Capacity (veh/h)	-	-	625	1364	-
HCM Lane V/C Ratio	-	-	0.042	0.01	-
HCM Control Delay (s)	-	-	11	7.7	0
HCM Lane LOS	-	-	B	A	A
HCM 95th %tile Q(veh)	-	-	0.1	0	-

Intersection	
Int Delay, s/veh	0.1

Movement	EBL	EBT	WBT	WBR	SBL	SBR
Lane Configurations						
Traffic Vol, veh/h	0	190	166	3	2	0
Future Vol, veh/h	0	190	166	3	2	0
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	None	-	None
Storage Length	-	-	-	-	0	-
Veh in Median Storage, #	-	0	0	-	0	-
Grade, %	-	0	0	-	0	-
Peak Hour Factor	88	88	88	88	88	88
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	0	216	189	3	2	0

Major/Minor	Major1		Major2		Minor2	
Conflicting Flow All	192	0	-	0	407	191
Stage 1	-	-	-	-	191	-
Stage 2	-	-	-	-	216	-
Critical Hdwy	4.12	-	-	-	6.42	6.22
Critical Hdwy Stg 1	-	-	-	-	5.42	-
Critical Hdwy Stg 2	-	-	-	-	5.42	-
Follow-up Hdwy	2.218	-	-	-	3.518	3.318
Pot Cap-1 Maneuver	1381	-	-	-	600	851
Stage 1	-	-	-	-	841	-
Stage 2	-	-	-	-	820	-
Platoon blocked, %			-	-	-	
Mov Cap-1 Maneuver	1381	-	-	-	600	851
Mov Cap-2 Maneuver	-	-	-	-	600	-
Stage 1	-	-	-	-	841	-
Stage 2	-	-	-	-	820	-

Approach	EB	WB	SB
HCM Control Delay, s	0	0	11
HCM LOS			B

Minor Lane/Major Mvmt	EBL	EBT	WBT	WBR	SBLn1
Capacity (veh/h)	1381	-	-	-	600
HCM Lane V/C Ratio	-	-	-	-	0.004
HCM Control Delay (s)	0	-	-	-	11
HCM Lane LOS	A	-	-	-	B
HCM 95th %tile Q(veh)	0	-	-	-	0

Intersection	
Intersection Delay, s/veh	7.5
Intersection LOS	A

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	4	2	9	7	4	3	11	53	13	5	85	3
Future Vol, veh/h	4	2	9	7	4	3	11	53	13	5	85	3
Peak Hour Factor	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	4	2	10	8	4	3	12	58	14	5	93	3
Number of Lanes	0	1	0	0	1	0	0	1	0	0	1	0

Approach	EB	WB	NB	SB
Opposing Approach	WB	EB	SB	NB
Opposing Lanes	1	1	1	1
Conflicting Approach Left	SB	NB	EB	WB
Conflicting Lanes Left	1	1	1	1
Conflicting Approach Right	NB	SB	WB	EB
Conflicting Lanes Right	1	1	1	1
HCM Control Delay	7.1	7.4	7.4	7.6
HCM LOS	A	A	A	A

Lane	NBLn1	EBLn1	WBLn1	SBLn1
Vol Left, %	14%	27%	50%	5%
Vol Thru, %	69%	13%	29%	91%
Vol Right, %	17%	60%	21%	3%
Sign Control	Stop	Stop	Stop	Stop
Traffic Vol by Lane	77	15	14	93
LT Vol	11	4	7	5
Through Vol	53	2	4	85
RT Vol	13	9	3	3
Lane Flow Rate	85	16	15	102
Geometry Grp	1	1	1	1
Degree of Util (X)	0.094	0.018	0.018	0.115
Departure Headway (Hd)	3.995	3.96	4.24	4.046
Convergence, Y/N	Yes	Yes	Yes	Yes
Cap	894	890	833	885
Service Time	2.029	2.045	2.324	2.076
HCM Lane V/C Ratio	0.095	0.018	0.018	0.115
HCM Control Delay	7.4	7.1	7.4	7.6
HCM Lane LOS	A	A	A	A
HCM 95th-tile Q	0.3	0.1	0.1	0.4

Intersection	
Intersection Delay, s/veh	7.7
Intersection LOS	A

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	2	5	5	11	20	41	9	39	7	47	55	0
Future Vol, veh/h	2	5	5	11	20	41	9	39	7	47	55	0
Peak Hour Factor	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.86
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	2	6	6	13	23	48	10	45	8	55	64	0
Number of Lanes	0	1	0	0	1	0	0	1	0	0	1	0

Approach	EB	WB	NB	SB
Opposing Approach	WB	EB	SB	NB
Opposing Lanes	1	1	1	1
Conflicting Approach Left	SB	NB	EB	WB
Conflicting Lanes Left	1	1	1	1
Conflicting Approach Right	NB	SB	WB	EB
Conflicting Lanes Right	1	1	1	1
HCM Control Delay	7.3	7.5	7.6	8
HCM LOS	A	A	A	A

Lane	NBLn1	EBLn1	WBLn1	SBLn1
Vol Left, %	16%	17%	15%	46%
Vol Thru, %	71%	42%	28%	54%
Vol Right, %	13%	42%	57%	0%
Sign Control	Stop	Stop	Stop	Stop
Traffic Vol by Lane	55	12	72	102
LT Vol	9	2	11	47
Through Vol	39	5	20	55
RT Vol	7	5	41	0
Lane Flow Rate	64	14	84	119
Geometry Grp	1	1	1	1
Degree of Util (X)	0.074	0.016	0.094	0.14
Departure Headway (Hd)	4.15	4.215	4.049	4.244
Convergence, Y/N	Yes	Yes	Yes	Yes
Cap	852	854	890	837
Service Time	2.228	2.217	2.049	2.306
HCM Lane V/C Ratio	0.075	0.016	0.094	0.142
HCM Control Delay	7.6	7.3	7.5	8
HCM Lane LOS	A	A	A	A
HCM 95th-tile Q	0.2	0	0.3	0.5

Intersection	
Intersection Delay, s/veh	9.6
Intersection LOS	A

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	12	50	13	12	67	112	13	94	10	82	129	5
Future Vol, veh/h	12	50	13	12	67	112	13	94	10	82	129	5
Peak Hour Factor	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	14	57	15	14	76	127	15	107	11	93	147	6
Number of Lanes	0	1	1	0	1	1	0	1	0	0	1	0

Approach	EB	WB	NB	SB
Opposing Approach	WB	EB	SB	NB
Opposing Lanes	2	2	1	1
Conflicting Approach Left	SB	NB	EB	WB
Conflicting Lanes Left	1	1	2	2
Conflicting Approach Right	NB	SB	WB	EB
Conflicting Lanes Right	1	1	2	2
HCM Control Delay	9.1	9	9.2	10.5
HCM LOS	A	A	A	B

Lane	NBLn1	EBLn1	EBLn2	WBLn1	WBLn2	SBLn1
Vol Left, %	11%	19%	0%	15%	0%	38%
Vol Thru, %	80%	81%	0%	85%	0%	60%
Vol Right, %	9%	0%	100%	0%	100%	2%
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop
Traffic Vol by Lane	117	62	13	79	112	216
LT Vol	13	12	0	12	0	82
Through Vol	94	50	0	67	0	129
RT Vol	10	0	13	0	112	5
Lane Flow Rate	133	70	15	90	127	245
Geometry Grp	2	7	7	7	7	2
Degree of Util (X)	0.183	0.114	0.021	0.141	0.172	0.335
Departure Headway (Hd)	4.967	5.814	5.007	5.645	4.86	4.909
Convergence, Y/N	Yes	Yes	Yes	Yes	Yes	Yes
Cap	715	611	707	630	732	727
Service Time	3.044	3.603	2.796	3.421	2.636	2.973
HCM Lane V/C Ratio	0.186	0.115	0.021	0.143	0.173	0.337
HCM Control Delay	9.2	9.4	7.9	9.4	8.7	10.5
HCM Lane LOS	A	A	A	A	A	B
HCM 95th-tile Q	0.7	0.4	0.1	0.5	0.6	1.5

Intersection	
Int Delay, s/veh	1

Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Traffic Vol, veh/h	9	6	70	8	8	91
Future Vol, veh/h	9	6	70	8	8	91
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	-	-	-	-	-
Veh in Median Storage, #	0	-	0	-	-	0
Grade, %	0	-	0	-	-	0
Peak Hour Factor	88	88	88	88	88	88
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	10	7	80	9	9	103

Major/Minor	Minor1		Major1		Major2	
Conflicting Flow All	206	85	0	0	89	0
Stage 1	85	-	-	-	-	-
Stage 2	121	-	-	-	-	-
Critical Hdwy	6.42	6.22	-	-	4.12	-
Critical Hdwy Stg 1	5.42	-	-	-	-	-
Critical Hdwy Stg 2	5.42	-	-	-	-	-
Follow-up Hdwy	3.518	3.318	-	-	2.218	-
Pot Cap-1 Maneuver	782	974	-	-	1506	-
Stage 1	938	-	-	-	-	-
Stage 2	904	-	-	-	-	-
Platoon blocked, %			-	-		-
Mov Cap-1 Maneuver	777	974	-	-	1506	-
Mov Cap-2 Maneuver	777	-	-	-	-	-
Stage 1	938	-	-	-	-	-
Stage 2	899	-	-	-	-	-

Approach	WB	NB	SB
HCM Control Delay, s	9.3	0	0.6
HCM LOS	A		

Minor Lane/Major Mvmt	NBT	NBR	WBLn1	SBL	SBT
Capacity (veh/h)	-	-	845	1506	-
HCM Lane V/C Ratio	-	-	0.02	0.006	-
HCM Control Delay (s)	-	-	9.3	7.4	0
HCM Lane LOS	-	-	A	A	A
HCM 95th %tile Q(veh)	-	-	0.1	0	-

Intersection	
Int Delay, s/veh	0.1

Movement	EBL	EBT	WBT	WBR	SBL	SBR
Lane Configurations						
Traffic Vol, veh/h	0	74	81	2	2	0
Future Vol, veh/h	0	74	81	2	2	0
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	None	-	None
Storage Length	-	-	-	-	0	-
Veh in Median Storage, #	-	0	0	-	0	-
Grade, %	-	0	0	-	0	-
Peak Hour Factor	88	88	88	88	88	88
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	0	84	92	2	2	0

Major/Minor	Major1		Major2		Minor2	
Conflicting Flow All	94	0	-	0	177	93
Stage 1	-	-	-	-	93	-
Stage 2	-	-	-	-	84	-
Critical Hdwy	4.12	-	-	-	6.42	6.22
Critical Hdwy Stg 1	-	-	-	-	5.42	-
Critical Hdwy Stg 2	-	-	-	-	5.42	-
Follow-up Hdwy	2.218	-	-	-	3.518	3.318
Pot Cap-1 Maneuver	1500	-	-	-	813	964
Stage 1	-	-	-	-	931	-
Stage 2	-	-	-	-	939	-
Platoon blocked, %		-	-	-		
Mov Cap-1 Maneuver	1500	-	-	-	813	964
Mov Cap-2 Maneuver	-	-	-	-	813	-
Stage 1	-	-	-	-	931	-
Stage 2	-	-	-	-	939	-

Approach	EB	WB	SB
HCM Control Delay, s	0	0	9.4
HCM LOS			A

Minor Lane/Major Mvmt	EBL	EBT	WBT	WBR	SBLn1
Capacity (veh/h)	1500	-	-	-	813
HCM Lane V/C Ratio	-	-	-	-	0.003
HCM Control Delay (s)	0	-	-	-	9.4
HCM Lane LOS	A	-	-	-	A
HCM 95th %tile Q(veh)	0	-	-	-	0

- Existing plus Ambient Growth plus Project plus Cumulative Projects Conditions

Intersection	
Intersection Delay, s/veh	9.4
Intersection LOS	A

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	6	21	86	9	23	9	67	104	9	7	122	3
Future Vol, veh/h	6	21	86	9	23	9	67	104	9	7	122	3
Peak Hour Factor	0.72	0.72	0.72	0.72	0.72	0.72	0.72	0.72	0.72	0.72	0.72	0.72
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	8	29	119	13	32	13	93	144	13	10	169	4
Number of Lanes	0	1	0	0	1	0	0	1	0	0	1	0

Approach	EB	WB	NB	SB
Opposing Approach	WB	EB	SB	NB
Opposing Lanes	1	1	1	1
Conflicting Approach Left	SB	NB	EB	WB
Conflicting Lanes Left	1	1	1	1
Conflicting Approach Right	NB	SB	WB	EB
Conflicting Lanes Right	1	1	1	1
HCM Control Delay	8.8	8.6	10	9.3
HCM LOS	A	A	A	A

Lane	NBLn1	EBLn1	WBLn1	SBLn1
Vol Left, %	37%	5%	22%	5%
Vol Thru, %	58%	19%	56%	92%
Vol Right, %	5%	76%	22%	2%
Sign Control	Stop	Stop	Stop	Stop
Traffic Vol by Lane	180	113	41	132
LT Vol	67	6	9	7
Through Vol	104	21	23	122
RT Vol	9	86	9	3
Lane Flow Rate	250	157	57	183
Geometry Grp	1	1	1	1
Degree of Util (X)	0.326	0.2	0.08	0.241
Departure Headway (Hd)	4.701	4.58	5.068	4.733
Convergence, Y/N	Yes	Yes	Yes	Yes
Cap	763	780	702	755
Service Time	2.751	2.633	3.134	2.785
HCM Lane V/C Ratio	0.328	0.201	0.081	0.242
HCM Control Delay	10	8.8	8.6	9.3
HCM Lane LOS	A	A	A	A
HCM 95th-tile Q	1.4	0.7	0.3	0.9

Intersection	
Intersection Delay, s/veh	9.9
Intersection LOS	A

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations		↕			↕			↕			↕	
Traffic Vol, veh/h	0	44	18	40	39	112	9	52	9	135	78	0
Future Vol, veh/h	0	44	18	40	39	112	9	52	9	135	78	0
Peak Hour Factor	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	0	55	23	50	49	140	11	65	11	169	98	0
Number of Lanes	0	1	0	0	1	0	0	1	0	0	1	0

Approach	EB	WB	NB	SB
Opposing Approach	WB	EB	SB	NB
Opposing Lanes	1	1	1	1
Conflicting Approach Left	SB	NB	EB	WB
Conflicting Lanes Left	1	1	1	1
Conflicting Approach Right	NB	SB	WB	EB
Conflicting Lanes Right	1	1	1	1
HCM Control Delay	8.6	9.7	8.7	10.8
HCM LOS	A	A	A	B

Lane	NBLn1	EBLn1	WBLn1	SBLn1
Vol Left, %	13%	0%	21%	63%
Vol Thru, %	74%	71%	20%	37%
Vol Right, %	13%	29%	59%	0%
Sign Control	Stop	Stop	Stop	Stop
Traffic Vol by Lane	70	62	191	213
LT Vol	9	0	40	135
Through Vol	52	44	39	78
RT Vol	9	18	112	0
Lane Flow Rate	88	78	239	266
Geometry Grp	1	1	1	1
Degree of Util (X)	0.121	0.106	0.305	0.363
Departure Headway (Hd)	4.969	4.936	4.599	4.909
Convergence, Y/N	Yes	Yes	Yes	Yes
Cap	715	720	776	727
Service Time	3.044	3.008	2.655	2.972
HCM Lane V/C Ratio	0.123	0.108	0.308	0.366
HCM Control Delay	8.7	8.6	9.7	10.8
HCM Lane LOS	A	A	A	B
HCM 95th-tile Q	0.4	0.4	1.3	1.7

Intersection	
Intersection Delay, s/veh	21.7
Intersection LOS	C

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	15	137	41	36	127	126	29	136	11	141	243	17
Future Vol, veh/h	15	137	41	36	127	126	29	136	11	141	243	17
Peak Hour Factor	0.84	0.84	0.84	0.84	0.84	0.84	0.84	0.84	0.84	0.84	0.84	0.84
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	18	163	49	43	151	150	35	162	13	168	289	20
Number of Lanes	0	1	1	0	1	1	0	1	0	0	1	0

Approach	EB	WB	NB	SB
Opposing Approach	WB	EB	SB	NB
Opposing Lanes	2	2	1	1
Conflicting Approach Left	SB	NB	EB	WB
Conflicting Lanes Left	1	1	2	2
Conflicting Approach Right	NB	SB	WB	EB
Conflicting Lanes Right	1	1	2	2
HCM Control Delay	14.1	13.9	14.6	34
HCM LOS	B	B	B	D

Lane	NBLn1	EBLn1	EBLn2	WBLn1	WBLn2	SBLn1
Vol Left, %	16%	10%	0%	22%	0%	35%
Vol Thru, %	77%	90%	0%	78%	0%	61%
Vol Right, %	6%	0%	100%	0%	100%	4%
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop
Traffic Vol by Lane	176	152	41	163	126	401
LT Vol	29	15	0	36	0	141
Through Vol	136	137	0	127	0	243
RT Vol	11	0	41	0	126	17
Lane Flow Rate	210	181	49	194	150	477
Geometry Grp	2	7	7	7	7	2
Degree of Util (X)	0.403	0.383	0.093	0.403	0.277	0.838
Departure Headway (Hd)	6.922	7.626	6.853	7.483	6.648	6.321
Convergence, Y/N	Yes	Yes	Yes	Yes	Yes	Yes
Cap	518	470	520	479	539	573
Service Time	4.993	5.401	4.627	5.252	4.416	4.375
HCM Lane V/C Ratio	0.405	0.385	0.094	0.405	0.278	0.832
HCM Control Delay	14.6	15.1	10.3	15.3	12	34
HCM Lane LOS	B	C	B	C	B	D
HCM 95th-tile Q	1.9	1.8	0.3	1.9	1.1	8.8

Intersection	
Int Delay, s/veh	0.8

Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Traffic Vol, veh/h	13	8	158	11	11	201
Future Vol, veh/h	13	8	158	11	11	201
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	-	-	-	-	-
Veh in Median Storage, #	0	-	0	-	-	0
Grade, %	0	-	0	-	-	0
Peak Hour Factor	80	80	80	80	80	80
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	16	10	198	14	14	251

Major/Minor	Minor1		Major1		Major2	
Conflicting Flow All	484	205	0	0	212	0
Stage 1	205	-	-	-	-	-
Stage 2	279	-	-	-	-	-
Critical Hdwy	6.42	6.22	-	-	4.12	-
Critical Hdwy Stg 1	5.42	-	-	-	-	-
Critical Hdwy Stg 2	5.42	-	-	-	-	-
Follow-up Hdwy	3.518	3.318	-	-	2.218	-
Pot Cap-1 Maneuver	542	836	-	-	1358	-
Stage 1	829	-	-	-	-	-
Stage 2	768	-	-	-	-	-
Platoon blocked, %			-	-		-
Mov Cap-1 Maneuver	535	836	-	-	1358	-
Mov Cap-2 Maneuver	535	-	-	-	-	-
Stage 1	829	-	-	-	-	-
Stage 2	759	-	-	-	-	-

Approach	WB	NB	SB
HCM Control Delay, s	11.1	0	0.4
HCM LOS	B		

Minor Lane/Major Mvmt	NBT	NBR	WBLn1	SBL	SBT
Capacity (veh/h)	-	-	620	1358	-
HCM Lane V/C Ratio	-	-	0.042	0.01	-
HCM Control Delay (s)	-	-	11.1	7.7	0
HCM Lane LOS	-	-	B	A	A
HCM 95th %tile Q(veh)	-	-	0.1	0	-

Intersection	
Int Delay, s/veh	0.1

Movement	EBL	EBT	WBT	WBR	SBL	SBR
Lane Configurations						
Traffic Vol, veh/h	0	192	171	3	2	0
Future Vol, veh/h	0	192	171	3	2	0
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	None	-	None
Storage Length	-	-	-	-	0	-
Veh in Median Storage, #	-	0	0	-	0	-
Grade, %	-	0	0	-	0	-
Peak Hour Factor	88	88	88	88	88	88
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	0	218	194	3	2	0

Major/Minor	Major1		Major2		Minor2	
Conflicting Flow All	197	0	-	0	414	196
Stage 1	-	-	-	-	196	-
Stage 2	-	-	-	-	218	-
Critical Hdwy	4.12	-	-	-	6.42	6.22
Critical Hdwy Stg 1	-	-	-	-	5.42	-
Critical Hdwy Stg 2	-	-	-	-	5.42	-
Follow-up Hdwy	2.218	-	-	-	3.518	3.318
Pot Cap-1 Maneuver	1376	-	-	-	595	845
Stage 1	-	-	-	-	837	-
Stage 2	-	-	-	-	818	-
Platoon blocked, %		-	-	-		
Mov Cap-1 Maneuver	1376	-	-	-	595	845
Mov Cap-2 Maneuver	-	-	-	-	595	-
Stage 1	-	-	-	-	837	-
Stage 2	-	-	-	-	818	-

Approach	EB	WB	SB
HCM Control Delay, s	0	0	11.1
HCM LOS			B

Minor Lane/Major Mvmt	EBL	EBT	WBT	WBR	SBLn1
Capacity (veh/h)	1376	-	-	-	595
HCM Lane V/C Ratio	-	-	-	-	0.004
HCM Control Delay (s)	0	-	-	-	11.1
HCM Lane LOS	A	-	-	-	B
HCM 95th %tile Q(veh)	0	-	-	-	0

Intersection	
Intersection Delay, s/veh	7.6
Intersection LOS	A

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	4	2	9	7	4	3	11	57	13	5	94	3
Future Vol, veh/h	4	2	9	7	4	3	11	57	13	5	94	3
Peak Hour Factor	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	4	2	10	8	4	3	12	63	14	5	103	3
Number of Lanes	0	1	0	0	1	0	0	1	0	0	1	0

Approach	EB	WB	NB	SB
Opposing Approach	WB	EB	SB	NB
Opposing Lanes	1	1	1	1
Conflicting Approach Left	SB	NB	EB	WB
Conflicting Lanes Left	1	1	1	1
Conflicting Approach Right	NB	SB	WB	EB
Conflicting Lanes Right	1	1	1	1
HCM Control Delay	7.2	7.4	7.5	7.7
HCM LOS	A	A	A	A

Lane	NBLn1	EBLn1	WBLn1	SBLn1
Vol Left, %	14%	27%	50%	5%
Vol Thru, %	70%	13%	29%	92%
Vol Right, %	16%	60%	21%	3%
Sign Control	Stop	Stop	Stop	Stop
Traffic Vol by Lane	81	15	14	102
LT Vol	11	4	7	5
Through Vol	57	2	4	94
RT Vol	13	9	3	3
Lane Flow Rate	89	16	15	112
Geometry Grp	1	1	1	1
Degree of Util (X)	0.099	0.018	0.018	0.126
Departure Headway (Hd)	4.006	3.985	4.265	4.05
Convergence, Y/N	Yes	Yes	Yes	Yes
Cap	892	884	827	884
Service Time	2.042	2.076	2.355	2.081
HCM Lane V/C Ratio	0.1	0.018	0.018	0.127
HCM Control Delay	7.5	7.2	7.4	7.7
HCM Lane LOS	A	A	A	A
HCM 95th-tile Q	0.3	0.1	0.1	0.4

Intersection	
Intersection Delay, s/veh	7.7
Intersection LOS	A

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	2	5	5	11	20	41	9	39	7	47	55	0
Future Vol, veh/h	2	5	5	11	20	41	9	39	7	47	55	0
Peak Hour Factor	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.86
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	2	6	6	13	23	48	10	45	8	55	64	0
Number of Lanes	0	1	0	0	1	0	0	1	0	0	1	0

Approach	EB	WB	NB	SB
Opposing Approach	WB	EB	SB	NB
Opposing Lanes	1	1	1	1
Conflicting Approach Left	SB	NB	EB	WB
Conflicting Lanes Left	1	1	1	1
Conflicting Approach Right	NB	SB	WB	EB
Conflicting Lanes Right	1	1	1	1
HCM Control Delay	7.3	7.5	7.6	8
HCM LOS	A	A	A	A

Lane	NBLn1	EBLn1	WBLn1	SBLn1
Vol Left, %	16%	17%	15%	46%
Vol Thru, %	71%	42%	28%	54%
Vol Right, %	13%	42%	57%	0%
Sign Control	Stop	Stop	Stop	Stop
Traffic Vol by Lane	55	12	72	102
LT Vol	9	2	11	47
Through Vol	39	5	20	55
RT Vol	7	5	41	0
Lane Flow Rate	64	14	84	119
Geometry Grp	1	1	1	1
Degree of Util (X)	0.074	0.016	0.094	0.14
Departure Headway (Hd)	4.15	4.215	4.049	4.244
Convergence, Y/N	Yes	Yes	Yes	Yes
Cap	852	854	890	837
Service Time	2.228	2.217	2.049	2.306
HCM Lane V/C Ratio	0.075	0.016	0.094	0.142
HCM Control Delay	7.6	7.3	7.5	8
HCM Lane LOS	A	A	A	A
HCM 95th-tile Q	0.2	0	0.3	0.5

Intersection	
Intersection Delay, s/veh	9.9
Intersection LOS	A

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	12	57	13	14	72	121	13	96	12	93	135	5
Future Vol, veh/h	12	57	13	14	72	121	13	96	12	93	135	5
Peak Hour Factor	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	14	65	15	16	82	138	15	109	14	106	153	6
Number of Lanes	0	1	1	0	1	1	0	1	0	0	1	0

Approach	EB	WB	NB	SB
Opposing Approach	WB	EB	SB	NB
Opposing Lanes	2	2	1	1
Conflicting Approach Left	SB	NB	EB	WB
Conflicting Lanes Left	1	1	2	2
Conflicting Approach Right	NB	SB	WB	EB
Conflicting Lanes Right	1	1	2	2
HCM Control Delay	9.3	9.2	9.4	11
HCM LOS	A	A	A	B

Lane	NBLn1	EBLn1	EBLn2	WBLn1	WBLn2	SBLn1
Vol Left, %	11%	17%	0%	16%	0%	40%
Vol Thru, %	79%	83%	0%	84%	0%	58%
Vol Right, %	10%	0%	100%	0%	100%	2%
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop
Traffic Vol by Lane	121	69	13	86	121	233
LT Vol	13	12	0	14	0	93
Through Vol	96	57	0	72	0	135
RT Vol	12	0	13	0	121	5
Lane Flow Rate	138	78	15	98	138	265
Geometry Grp	2	7	7	7	7	2
Degree of Util (X)	0.193	0.131	0.021	0.156	0.189	0.367
Departure Headway (Hd)	5.062	6.008	5.21	5.734	4.943	4.992
Convergence, Y/N	Yes	Yes	Yes	Yes	Yes	Yes
Cap	700	601	691	620	718	715
Service Time	3.157	3.708	2.91	3.524	2.733	3.072
HCM Lane V/C Ratio	0.197	0.13	0.022	0.158	0.192	0.371
HCM Control Delay	9.4	9.6	8	9.6	8.9	11
HCM Lane LOS	A	A	A	A	A	B
HCM 95th-tile Q	0.7	0.4	0.1	0.5	0.7	1.7

Intersection	
Int Delay, s/veh	1

Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Traffic Vol, veh/h	9	6	71	8	8	94
Future Vol, veh/h	9	6	71	8	8	94
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	-	-	-	-	-
Veh in Median Storage, #	0	-	0	-	-	0
Grade, %	0	-	0	-	-	0
Peak Hour Factor	88	88	88	88	88	88
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	10	7	81	9	9	107

Major/Minor	Minor1		Major1		Major2	
Conflicting Flow All	211	86	0	0	90	0
Stage 1	86	-	-	-	-	-
Stage 2	125	-	-	-	-	-
Critical Hdwy	6.42	6.22	-	-	4.12	-
Critical Hdwy Stg 1	5.42	-	-	-	-	-
Critical Hdwy Stg 2	5.42	-	-	-	-	-
Follow-up Hdwy	3.518	3.318	-	-	2.218	-
Pot Cap-1 Maneuver	777	973	-	-	1505	-
Stage 1	937	-	-	-	-	-
Stage 2	901	-	-	-	-	-
Platoon blocked, %			-	-		-
Mov Cap-1 Maneuver	772	973	-	-	1505	-
Mov Cap-2 Maneuver	772	-	-	-	-	-
Stage 1	937	-	-	-	-	-
Stage 2	896	-	-	-	-	-

Approach	WB	NB	SB
HCM Control Delay, s	9.4	0	0.6
HCM LOS	A		

Minor Lane/Major Mvmt	NBT	NBR	WBLn1	SBL	SBT
Capacity (veh/h)	-	-	842	1505	-
HCM Lane V/C Ratio	-	-	0.02	0.006	-
HCM Control Delay (s)	-	-	9.4	7.4	0
HCM Lane LOS	-	-	A	A	A
HCM 95th %tile Q(veh)	-	-	0.1	0	-

Intersection	
Int Delay, s/veh	0.1

Movement	EBL	EBT	WBT	WBR	SBL	SBR
Lane Configurations						
Traffic Vol, veh/h	0	81	86	2	2	0
Future Vol, veh/h	0	81	86	2	2	0
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	None	-	None
Storage Length	-	-	-	-	0	-
Veh in Median Storage, #	-	0	0	-	0	-
Grade, %	-	0	0	-	0	-
Peak Hour Factor	88	88	88	88	88	88
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	0	92	98	2	2	0

Major/Minor	Major1		Major2		Minor2	
Conflicting Flow All	100	0	-	0	191	99
Stage 1	-	-	-	-	99	-
Stage 2	-	-	-	-	92	-
Critical Hdwy	4.12	-	-	-	6.42	6.22
Critical Hdwy Stg 1	-	-	-	-	5.42	-
Critical Hdwy Stg 2	-	-	-	-	5.42	-
Follow-up Hdwy	2.218	-	-	-	3.518	3.318
Pot Cap-1 Maneuver	1493	-	-	-	798	957
Stage 1	-	-	-	-	925	-
Stage 2	-	-	-	-	932	-
Platoon blocked, %		-	-	-		
Mov Cap-1 Maneuver	1493	-	-	-	798	957
Mov Cap-2 Maneuver	-	-	-	-	798	-
Stage 1	-	-	-	-	925	-
Stage 2	-	-	-	-	932	-

Approach	EB	WB	SB
HCM Control Delay, s	0	0	9.5
HCM LOS			A

Minor Lane/Major Mvmt	EBL	EBT	WBT	WBR	SBLn1
Capacity (veh/h)	1493	-	-	-	798
HCM Lane V/C Ratio	-	-	-	-	0.003
HCM Control Delay (s)	0	-	-	-	9.5
HCM Lane LOS	A	-	-	-	A
HCM 95th %tile Q(veh)	0	-	-	-	0

Cumulative Projects Data

Cumulative Projects Summary - City of Desert Hot Springs (Compiled from List of All Projects)				
No.	**Project**	**Status**	**Location**	**Landuse/Description**
1	New City Hall	Approved	11999 Palm Drive	New single-story office building (13,400 sq. ft)
2	New Social Services Building	Approved	65753 Pierson Blvd	New County Services Building and Commercial Strip Center (80,000 sq .ft.)
3	Best Western Hotel and SPA CUP 02-18	Approved	Southwest corner of 8th Street & Palm Drive	Proposed 80 room Hotel & Spa
4	Haceinda Assisted Care CUP 04-18	Approved	66753 Hacienda Ave	12 bed assisted living facility
5	Grocery Outlet CUP 05-18	Approved	Northwest corner of Palm Drive and Park Lane	20,000 sf retail (Phase I: Gasoline with Convenience store and car wash plus fast food)
6	County Library	Approved	Pierson Blvd	New County Library (15,000 sq ft))
7	Marbella Villa Condominiums CUP 09-18	Approved	15th Street west of Palm Drive	404 new residential condos, community club house, public art, etc.
8	Tuscan Hills Specific Plan CUP 09-18	Approved	North of Peirson East of Foxdale	1878 homes, 334 room hotel/spa
9	Marijuana Dispensaries	Approved	66328 Pierson Blvd.	Occupancy of existing building
		Approved	12106 Palm Drive	Occupancy of existing building
		Under Construction	11522 Palm Drive	Occupancy of existing building
	Marijuana Cultivation Fields	Approved	13640 Little Morongo Road	212,000 sf new building/new construction
		Approved	North of San Gorgonio between Little Morongo Road and Cabot Dr	35.435 New Building/New Construction
		Approved	65128 Palomar Lane	22,000 sf new building/new construction
		Approved	East of Little Morongo Road, North of Two Bunch Palms	2 new building/new construction (50,208 sf each)
		Approved	Little Morongo Road and Two Bunch Palms	62,994 sf new building/new construction
10		Approved	13500 Little morongo Road	1800 sf existing building

Cumulative Projects Trip Distribution

		1				2				3				4				5				6				7				8				Total	
		% Distributed				% Distributed				% Distributed				% Distributed				% Distributed				% Distributed				% Distributed				% Distributed					
	Movement	In	Out	AM	PM	In	Out	AM	PM	In	Out	AM	PM	In	Out	AM	PM	In	Out	AM	PM	In	Out	AM	PM	In	Out	AM	PM	In	Out	AM	PM	AM	PM
Cholla Drive/Flora Avenue	NBL			0	0			0	0			0	0			0	0			0	0			0	0			0	0			0	0	0	0
	NBT	5%		2	0	5%		10	2			0	0			0	0			0	0			0	0		3%	3	2			0	0	15	4
	NBR			0	0			0	0			0	0			0	0			0	0			0	0			0	0			0	0	0	0
	SBL			0	0			0	0			0	0			0	0			0	0			0	0			0	0			0	0	0	0
	SBT		5%	1	1		5%	3	5			0	0			0	0			0	0			0	0	3%		1	3			0	0	5	9
	SBR			0	0			0	0			0	0			0	0			0	0			0	0			0	0			0	0	0	0
	EBL			0	0			0	0			0	0			0	0			0	0			0	0			0	0			0	0	0	0
	EBT			0	0			0	0			0	0			0	0			0	0			0	0			0	0			0	0	0	0
	EBR			0	0			0	0			0	0			0	0			0	0			0	0			0	0			0	0	0	0
	WBL			0	0			0	0			0	0			0	0			0	0			0	0			0	0			0	0	0	0
	WBT			0	0			0	0			0	0			0	0			0	0			0	0			0	0			0	0	0	0
	WBR			0	0			0	0			0	0			0	0			0	0			0	0			0	0			0	0	0	0
Cholla Drive/Hacienda Avenue	NBL			0	0			0	0			0	0			0	0			0	0			0	0			0	0			0	0	0	0
	NBT	5%		2	0	5%		10	2			0	0			0	0			0	0			0	0			0	0			0	0	12	2
	NBR			0	0			0	0			0	0			0	0			0	0			0	0			0	0			0	0	0	0
	SBL			0	0			0	0			0	0			0	0			0	0			0	0	5%		2	5			0	0	2	5
	SBT		5%	1	1		5%	3	5			0	0			0	0			0	0			0	0			0	0			0	0	4	6
	SBR			0	0			0	0			0	0			0	0			0	0			0	0			0	0			0	0	0	0
	EBL			0	0			0	0			0	0			0	0			0	0			0	0			0	0			0	0	0	0
	EBT			0	0			0	0			0	0			0	0			0	0			0	0			0	0			0	0	0	0
	EBR			0	0			0	0			0	0			0	0			0	0			0	0			0	0			0	0	0	0
	WBL			0	0			0	0			0	0			0	0			0	0			0	0			0	0			0	0	0	0
	WBT			0	0			0	0			0	0			0	0			0	0			0	0			0	0			0	0	0	0
	WBR			0	0			0	0			0	0			0	0			0	0			0	0		5%	5	3			0	0	5	3
West Drive/Hacienda Avenue	NBL			0	0			0	0			0	0			0	0			0	0			0	0			0	0			0	0	0	0
	NBT	5%		2	0	5%		10	2			0	0			0	0			0	0			0	0			0	0			0	0	12	2
	NBR			0	0			0	0			0	0	2%		0	0	2%		0	1	2%		0	1			0	0			0	0	0	2
	SBL			0	0			0	0			0	0	2%		0	0	5%		1	3	5%		1	3	5%		2	5			0	0	4	11
	SBT		5%	1	1		5%	3	5			0	0			0	0			0	0			0	0			0	0			0	0	4	6
	SBR			0	0			0	0			0	0			0	0			0	0			0	0			0	0			0	0	0	0
	EBL			0	0			0	0			0	0			0	0			0	0			0	0			0	0			0	0	0	0
	EBT			0	0			0	0			0	0	1%		0	0	1%		0	1	1%		0	1	5%		2	5			0	0	2	7
	EBR			0	0			0	0			0	0			0	0			0	0			0	0			0	0			0	0	0	0
	WBL			0	0			0	0			0	0		2%	0	0		2%	0	1		2%	0	1			0	0			0	0	0	2
	WBT			0	0			0	0			0	0		1%	0	0		1%	0	1		1%	0	1		5%	5	3			0	0	5	5
	WBR			0	0			0	0			0	0		2%	0	0		5%	1	3		5%	0	3		5%	5	3			0	0	6	9
Cholla Drive/Project Access	NBL			0	0			0	0			0	0			0	0			0	0			0	0			0	0			0	0	0	0
	NBT	5%		2	0			0	0			0	0			0	0			0	0			0	0		2%	2	1			0	0	4	1
	NBR			0	0			0	0			0	0			0	0			0	0			0	0			0	0			0	0	0	0
	SBL			0	0			0	0			0	0			0	0			0	0			0	0			0	0			0	0	0	0
	SBT		5%	1	1			0	0			0	0			0	0			0	0			0	0	2%		1	2			0	0	2	3
	SBR			0	0			0	0			0	0			0	0			0	0			0	0			0	0			0	0	0	0
	EBL			0	0			0	0			0	0			0	0			0	0			0	0			0	0			0	0	0	0
	EBT			0	0			0	0			0	0			0	0			0	0			0	0			0	0			0	0	0	0
	EBR			0	0			0	0			0	0			0	0			0	0			0	0			0	0			0	0	0	0
	WBL			0	0			0	0			0	0			0	0			0	0			0	0			0	0			0	0	0	0
	WBT			0	0			0	0			0	0			0	0			0	0			0	0			0	0			0	0	0	0
	WBR			0	0			0	0			0	0			0	0			0	0			0	0			0	0			0	0	0	0
Project Access/Hacienda Avenue	NBL			0	0			0	0			0	0			0	0			0	0			0	0			0	0			0	0	0	0
	NBT			0	0			0	0			0	0			0	0			0	0			0	0			0	0			0	0	0	0
	NBR			0	0			0	0			0	0			0	0			0	0			0	0			0	0			0	0	0	0
	SBL			0	0			0	0			0	0			0	0			0	0			0	0			0	0			0	0	0	0
	SBT			0	0			0	0			0	0			0	0			0	0			0	0			0	0			0	0	0	0
	SBR			0	0			0	0			0	0			0	0			0	0			0	0			0	0			0	0	0	0
	EBL			0	0			0	0			0	0			0	0			0	0			0	0			0	0			0	0	0	0
	EBT			0	0			0	0			0	0			0	0	1%		0	1	1%		0	1	5%		2	5			0	0	2	7
	EBR			0	0			0	0			0	0			0	0			0	0			0	0			0	0			0	0	0	0
	WBL			0	0			0	0			0	0			0	0			0	0			0	0			0	0			0	0	0	0
	WBT			0	0			0	0			0	0			0	0		1%	0	1		1%	0	1		5%	5	3			0	0	5	5
	WBR			0	0			0	0			0	0			0	0			0	0			0	0			0	0			0	0	0	0

City of Desert Hot Springs
Planning Department - Project Status and Contact Information

	Project Number	Applicant Name	Application Project Name	Project Description	Location	Address Assigned	Building Size/Sq. Footage	Project Details	Status
1	CUP 02-15 & DA 06-15 Minor Modification - For extraction MM 02-17 Amendment -Include Distribution Temporary Use Permit-01-18 Cultivation/manufacturing/distribution	David Snider	Snider Interests, LLC	3 Phase, 3 Bldg. Cultitvation Facility	Little Morongo at Kranshire Road	13310 Little Morongo Rd	180,900	(3) New Buildings/New Construction	DA & CUP Approved by CC 2/16/16 Approved Approved by PC May 8, 2018
2	CUP 03-15- DA 04-15 Amendment - Add extraction, Manufactoring, Distribution Temporary Use Permit 02-17	Bernard Steimann	Oxford Properties, LLC	5 Phase, 20 Bldg Cultivation Facility	Little Morongo at Dillon Road	16786 Little Morongo Rd	1,001,000	(20) New Buildings/New Construction	DA & CUP Approved by CC 2/2/16 Approved by PC 10-10-17 Approved
3	CUP 04-15 & DA 02-15 Amendment- Temporay Facilites Temporary Use Permit 01-17	Bob Selan	DHS Facilities Coachella Valley Patients Collecti	5 Phase, 5 Bldg Cultivation Facility	Two Bunch Palms at Little Morongo	65000 Two Bunch Palms Tr	381,053	(5) New Buildings/New Construction	DA & CUP Approved by CC Approved/ Issued
4	CUP 05-15 & DA 03-15	John Van Beek	Xtreme Meds/Bunch Palm Trail, LLC	Revoked	Southwest Corner of Two Bunch Palms and Cabot Road				Revoked
5	CUP 06-15 & DA 05-15	Dan Osborne	Clonenetics Laboratories, Cooperative Cultivati	4 Bldg (3 exisiting, 1 new) Cultivation Facility	65241 San Jacinto Street	65241 San Jacinto LN	23,250	(3) Existing Buildings and (1) New Building	DA & CUP Approved by CC - no longer in operation
6	CUP 08-15 - DA 07-15	Joji Dreyfus	CV Pharms	Cannabis Business Operations	13500 Little Morongo Road	13500 Little Morongo Rd	1,800	(1) Existing Building	
7	CUP 09-15 & DA 07-15	Rob Allen/ Allen Cooper	Cabot Building Partners, LLC	Cannabis Business Operations	East side of Cabot Road, South of Two Bunch Palms		36000	(1) New Building/New Construction	DA & CUP Approved by CC
8	CUP 10-15 Amendment - allow for extraction/manufacturing	Mark Moran	San Jac Facilities, LLC	Cannabis Business Operations Cannabis Business Operations	San Jacinto Street	65242 San Jacinto Ln	40,000	(2) Existing Buildings	No DA Required CUP Approved by PC Approved PC 7/10/2018
9	CUP 01-16 & DA 01-16 Temporary Use Permit 06-17-temp MMJ cultivation trailer Amendment - to allow for temp. phase plan (mutiple containers)	Amanda Bui (Bob Minero)	DHS Therapeutics, AB&D Holdings, LLC	Cannabis Business Operations Cannabis Business Operations	East side of Cabot Road, South of Two Bunch Palms		36000	(1) New Building/New Construction	DA & CUP Approved by CC Incomplete Incomplete
10	CUP 02-16	Adrian Sedlin	CANNDESCENT	Cannabis Business Operations	65334 Two Bunch Palms Trail	65321 Two Bunchj Palms Tr	9,600	(2) Existing Buildings	No DA Required/CUP Approved
11	CUP 03-16 Amendment- Developer Agreement , include Distribution	Ryan Po / NEW Owner	Highroad Consulting MED for American	Cannabis Business Operations	65441 Two Bunch Palms	65441 Two Bunch Palms Tr	5,038	(1) Existing Building	No DA Required /CUP Approved by PC
12	CUP 04-16 & DA 02-16 Amendment- Distribution Amendment - extraction /manufacture	TK Veterans, Sandra Silva-Tello	VetsLeaf (formerly Black Pepper)	Cannabis Business Operations	South West Corner of San Jacinto Street at Cabo	65311 San Jacinto Ln	41,000	(1) New Building/New Construction	DA & CUP Approved by CC Approved by PC 12/12/2017
13	CUP 05-16- DA- 08-16	Domingo Moya/ Sherwin Shoraka	SRP RE, LLC	Cannabis Business Operations	Two Bunch Palms	65097 Two Bunch Palms Tr.	45,360	(2) New Buildings/New Construction	DA & CUP Approved by CC
14	CUP 06-16	Domingo Moya/ Sherwin Shoraka	SRP RE, LLC	Cannabis Business Operations	Two Bunch Palms		45,360	(2) New Buildings/New Construction	DA & CUP Approved by CC
15	CUP 07-16	Kamran Aniranfar and Amir Fayazrad	Desert Revolutions Group LLC /Blue Mango	existing free-standing commercial / industri	65118 San Jacinto Street	65118 San Jacinto Ln	23,070	(1) Existing Building	No DA Required/ CUP Approved by PC
16	CUP 08-16 Amendment	Kamran Aniranfar and Amir Fayazrad	Desert Revolutions Group LLC /Blue Mango	Cannabis Business Operations Cannabis Business Operations	65265 San Jacinto Street	65265 San Jacinto Ln	4,912	(1) Existing Building	No DA Required/ CUP Approved by PC Approved by PC 12/12/2017
17	CUP 09-16 - DA 03-16 TPM 37123 Amendment-allow for temp. phase plan (multiple pods) Minor Modification 04-17 for extraction	Carlos Calixto/ Joe	ICG (fromerly Gfarma)	Cannabis Business Operations Subdivision Map Cannabis Business Operations	Little Morongo between Dillon and 18th Street		125,000	(5) New Buildings/New Construction	DA & CUP Approved by CC Approved, but was it ever recorded. Is it expired?
18	CUP 10-16 Amendment-Rotate approve building		GreenBond (formerly AB Wellness)	Cannabis Business Operations	Little Morongo and Two Bunch Palms		62,994	(1) New Building/New Construction	DA & CUP Approved by CC11/01/ 16
19	CUP 11-16- DA 04-16 Amendment- Distribution		DHS Properties Investments - We Care	Cannabis Business Operations	Two Bunch Palms between Cabot Road and Little Morongo		30,550	(1) New Building/New Construction	DA & CUP Approved by CC PC Approved 6/12/18
20	CUP 12-16- DA- 06-16 TPM 36979 Temporary Use Permit 11-17	Ryan Csaftis	MERJ, LLC	Cannabis Business Operations Condo Map	Little Morongo between Two Bunch Palms and Dillon Road		312,324	(18) New Buildings/New Construction	DA & CUP Approved by CC Approved, but was it ever recorded. Is it expired?
21	CUP 13-16 Temporary Use Permit-15-17	Armando Rodriguez	Ocean Springs Tech		Two Bunch Palms between Little Morongo and Cabot Road		6600	(1) Existing Building	No DA Required/ CUP Approved by PC
22	CUP 14-16 Amendment - Distribution/ Manufacturing	Morgan	Desert Hot Springs Green Horizons, LLC / Medn	Cannabis Business Operations	South East Corner of Little Morongo and Hacie	13300 Little Morongo Rd	45,000	(1) New Building/New Construction	DA &CUP Approved by CC 05/ 16/ 17 Approved
23	CUP 15-16 Amendment	Bill L. Mason	RX DHS Herbery	Cannabis Business Operations	Little Morongo	14250 Little Morongo Rd	9,864	(3) Existing Buildings	DA & CUP Approved by CC Approved
24	CUP 16-16/DA 11-16	Brian Maddox	Maddox 1	Cannabis Business Operations	663-280-003 East of Little Morongo, North of Two Bunch Palms		50,208	(1) New Building/New Construction	DA & CUP Approved by CC 05/16/ 17
25	CUP 17-16/DA 12-16	Brian Maddox 2	Maddox 2	Cannabis Business Operations	663-280-004 East of Little Morongo, North of Two Bunch Palms		50,208	(1) New Building/New Construction	DA & CUP Approved by CC 05/ 16/ 17
26	CUP 18-16	Allen Cooper/Bob Mainiero	Cabot Building Partners	Cannabis Business Operations	East side of Cabot Road, South of Two Bunch Palms		36,000	(1) New Building/New Construction	DA & CUP Approved by CC
27	CUP 19-16 Temporary Use Permit 07-17 Amendment- allow for temp . Phase plan	Bob Mainiero/Amanda Bui	DHS Therapeutics	Cannabis Business Operations	East side of Cabot Road, South of Two Bunch Palms		36,000	(1) New Building/New Construction	DA & CUP Approved by CC Incomplete
28	CUP 20-16 / DA 13-16	Magdi Hanna	Plaza DHS, LLC	Cannabis Business Operations	West of Little Morongo and South of Dillon Road		224435	(3) New Building/New Construction	Approved by PC 12/12/2017
29	CUP 21-16	Sean Cunningham	Pineapple Express						WITHDRAWN
30	CUP 22-16	Darlene/Robert Leon	Healing Waters						WITHDRAWN
31.1	CUP 23-16 & DA 15-16 (ST) Temporary Use Permit 03-17	Medi Tehrachi	Bunch Palms Trail, LLC		East of Little Morongo and South of 14th Street	65401 Two Bunch Palms Tr	57907	(1) New Building/New Construction	DA & CUP Approved by CC 02/ 16/ 16 Approved
32	CUP 25-16 Temporaty Use Permit 09-17 Amendment - Intermin Site Plan with Ecodpods	Dimitry Marsgusov	Maraphram (formerly Agreenculture)	Cannabis Business Operations		14650 Little Morongo Rd	29193	(1) New Building/New Construction	DA & CUP Approved by CC Approved
33	CUP 26-16 & DA 17-16 (ST) Temporary Use Permit-05-17- Temp MMJ cultivation trailer Amendment - intermin site plan	Kelly Clark	Yucca Mesa Holdings	Cannabis Business Operations	665-060-006 North West Corner of Cabot Road and Palomar Lane		50210	(1) New Building/New Construction	DA & CUP Approved by CC 03/ 21/ 17 Approved
34	CUP 27-16	Bill L. Mason	De La Mota	Cannabis Business Operations			36218	(1) New Building/New Construction	Approved by PC 12/12/2017
35	CUP 28-16	Lior Stolin	Palomar DHS	Cannabis Business Operations			16288	(1) New Building/New Construction	Approved by CC September 5
36	CUP 29-16	Michael Torosian	Stark Invetsments Pulse Enterprises	Cannabis Business Operations			69000	(2) Attached Two-Story Buildings	DA &CUP Approved by CC 04/ 4/ 17
37	CUP 30-16 Temporary Use Permit 10-17 - May need to be a Amendment instead of TUP	David Senft	Compassion and Health Collective	Cannabis Business Operations			12000	(1) New Building/New Construction	Approved PC September 25 Approved
38	CUP 01-17 Amendment - Architectural Changes (Rotate Building)	Tomothy Santos	D-9 Farms Cultivation CUP	Cannabis Business Operations			20664	(1) New Building/New Construction	Approved by CC September 5 Approved by PC May 8, 2018
39	CUP 02-17 M.M 05-18- Architectural Changes Temporary Uuse Permit 16-17 Temp Trailers	Ray Dorame	Blackstar Industrial Properties	Cannabis Business Operations		64125 19th Ave.	621920	(5) New Buildings/New Construction	DA & CUP Approved by CC
40	CUP 03-17 Amendment-to allow for interim cultivation	David Palmer	Desert Grow Cultivation	Cannabis Business Operations		65128 Palomar Ln	22000	(1) New Building/New Construction	DA &CUP Approved by CC 07/ 18/ 17 Approved by PC 12/12/2017
41	CUP 05-17	MIRO LLC	Desert Springs Cultivation	Cannabis Business Operations			35320	(1) New Building/New Construction	Approved by CC September 5
42	CUP 06-17 Amendment-allow for interim cultivation TUP 12-17	Tom Digiovanni	Canndescent II				86700	(2) Attached Two-Story Buildings	DA & CUP Approved by CC APPROVED
43	CUP 07-17 & DA 05-17	Victor Din	Din Cultivation project	Cannabis Business Operations			63446	(2) New Buildings/New Construction	DA & CUP Approved by CC
44	CUP 08-17 & DA 06-17	Un Sun Kim	Kim Cultivation project	Cannabis Business Operations			50976	(1) New Building/New Construction	DA & CUP Approved by CC
45	CUP 09-17 & DA 07-17	Yand Guang	Guang Cultivation project	Cannabis Business Operations			8389	(1) New Building/New Construction	Approved by CC 09/ 5/17
46	CUP 11-17 & DA 09-17 Amendment	Feliks Akopyan	Fingerhut	Cannabis Business Operations Cannabis Business Operations	North of San Gorgonio between Little Morongo and Cabot		35435	(1) New Building/New Construction	Approved by PC 12/12/2017
47	CUP 12-17 & DA 10-17	Gregory Restum	Green Acres Enterprises	Cannabis Business Operations			298576	(8) New Buildings/New Construction	Approved by PC 09/ 25 /17
48	CUP 13-17 & DA 11-17	David Scheppers	Innovative Investment Company	Cannabis Business Operations			68400	(4) New Buildings/New Construction	Approved by PC 09/25/17
49	CUP 14-17 & DA 12-17		DHS Enterprises	Cannabis Business Operations			104,429		Approved by PC 12/12/2017
50	CUP 15-17	MSA Representing	Hot Desert Springs LLC	Cannabis Business Operations		13640 Little Morongo Rd	212000	(2) New Buildings/New Construction	Approved by PC 10/ 23/17
51	CUP 16-17	Gregory Wayne Salyers, Jr	DHS Development Cabot Road LP	Cannabis Business Operations			123000	(1) New Building/New Construction	Approved by PC 09/ 25/17
52	CUP 17-17- DA- 07-16 Temporary Use Permit 14-17 TUP 07-19	Kenny Dickerson	Coachillin	Cannabis Business Operations Cannabis Business Operations		18550 Indian Canyon Dr	2800000	Specific Plan, Tentative Map CUP, GPA, ZMA	
53	CUP 21-17 Amendment-for an interim plan	Nickolas Marotta	Desert Highlanders	Cannabis Business Operations Cannabis Business Operations			64000	(3) New Buildings/New Construction	PC Approved 8/ 8/17 Approved by PC 12/12/2017
54	CUP 24-17	Kamran Amiranfar	Medical Marijuana Facilities	Cannabis Business Operations			42390	CUP New building/ Construction	Approved by PC 12/12/2017
55	CUP 25-17	Ryan Csaftis	MERJ Life, LLC	Cannabis Business Operations			137030	CUP (6) New building/ Construction	Approved by PC 12/12/2017

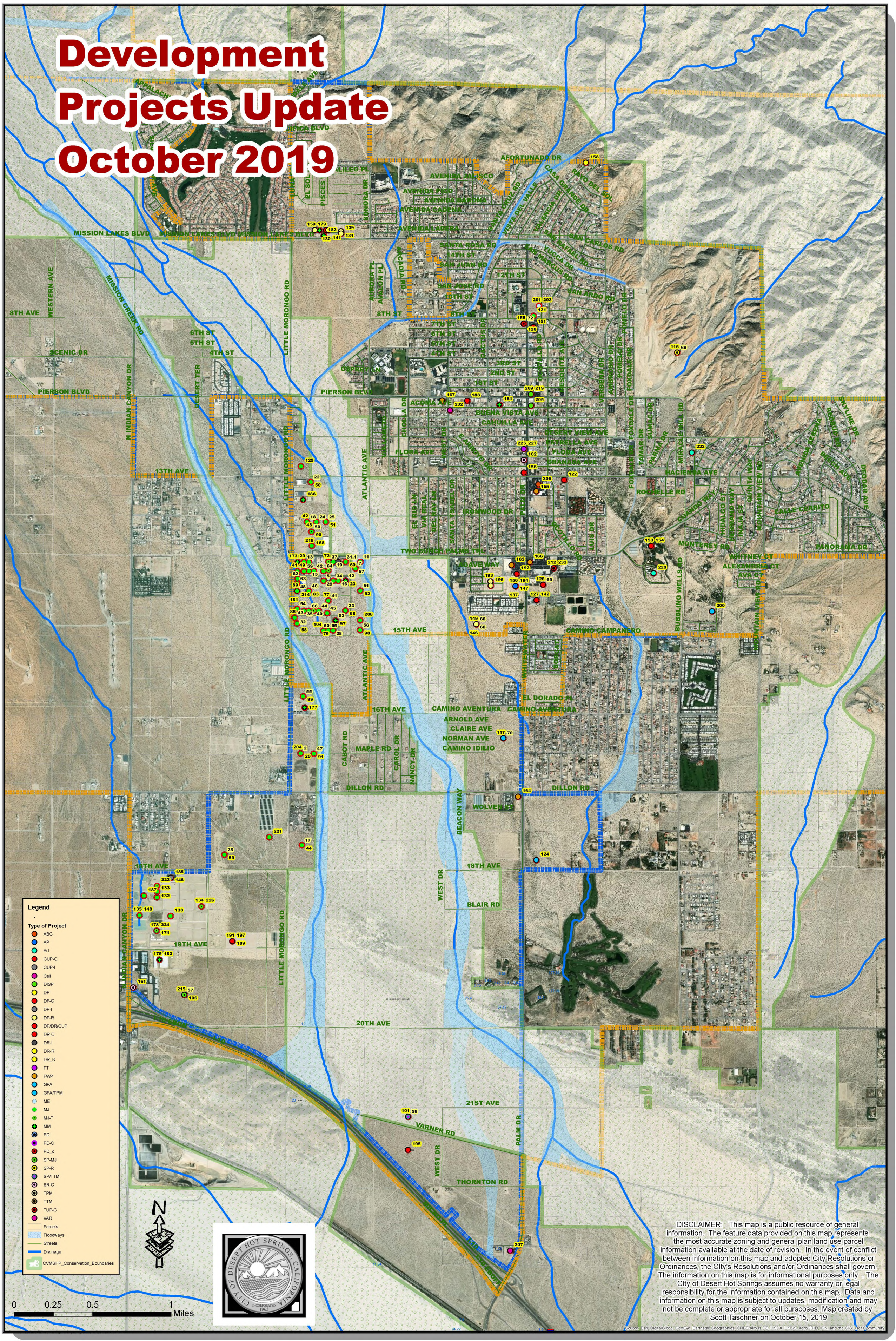
City of Desert Hot Springs
Planning Department - Project Status and Contact Information

	Project Number	Applicant Name	Application Project Name	Project Description	Location	Address Assigned	Building Size/Sq. Footage	Project Details	Status
56	CUP 27-17	Kamran Amiranfar	Medical Marijuana Facilities	Cannabis Business Operations			39900	CUP New building/ Construction	Approved by PC 12/12/2017
57	CUP 28-17	Desert Harvest Development / MSA	Desert Harvets Development	Cannabis Business Operations			2152583	CUP, SP, GPA, ZMA, DA, TPM	Approved by PC 10/10/17 Approved by CC 11/7/17
58	TTM 37185/SP	Ted Frattone	Desert Land Ventures, LLC	Subdivision Map	West of Varner Road and Palm Drive		1897799	TTM 37185, SP 01-16, GPA 01-16, ZMA 01-16, DA-124 acre subdivision and GP Amendment.	Approved by PC 2/13/2018
59	CUP 30-17	Bill L. Mason	Rx DHS Herbery II	Cannabis Business Operations	65040 & 65100 San Jacinto Lane	65090 San Jacinto Ln	7400	(2) Two existing buildings	Approved by PC 10/ 23/17
60	CUP 31-17	Spencer Jianan Li	Redshield	Cannabis Business Operations			54885.6	New building/ New Construction	Approved by PC 12/12/2017
61	CUP 32-17	Richard Connolly	Interstate West	Cannabis Business Operations			2720640	New building/ New Construction	In Process
62	CUP 33-17	Ken Moody & Vicki Jarvis	Smooth Everlasting INC	Cannabis Business Operations			16671	(2) New Buildings/New Construction	Approved by PC 12/12/2017
63	CUP 34-17	Ann Morrison	New Growth Ventures	Cannabis Business Operations		14350 Little Morongo Rd	1400	Modules/ New Construction	In Process
64	CUP 35-17	Andrey Shmykov/ John Cotton	San Jacinto II	Cannabis Business Operations			32650	New building/ New Construction	Approved by PC 01/09/2018
65	CUP 36-17	David Jaramillo	Collective Solutions	Cannabis Business Operations			22176	(3)New building/ New Construction	Approved by PC 2/13/2018
66	CUP 37-17	Alexander Guzman	Guzman Cultivation Facility	Cannabis Business Operations			15542	New building/ New Construction	Approved by PC 04/10/2018
67	CUP 38-17	Andrey Shmykov/ John Cotton	DHS Cabot	Cannabis Business Operations	East side of Cabot rd. between San Jacinto In./ Two bunch palms trail		33,200	New building/ New Construction	Approved by PC 2/13/2018
	TTM 35448 & 35009	Edy Adkan	Mission Creek Trails Residential Subdivision	Subdivision Map	East side of hwy 62 at Mission Creek				
	TTM 32706, SP , GPA , ZMA	Steven Ford	Industrial Business Park - Condo Map	Industrial Condo Map					
68	CUP 09-18, DP 05-17, DR 02-18, TTM 37597, AIPP 05-17	Alizabeth James	Marbella Villas Condominium Project	Residential Condominium project	15th Street West of Palm Drive				
69	SP 02-16, TTM 36774, GPA 03-16, ZMA 03-16	Steve Shover, Ed	Tuscan Hills Specific Plan	1878 homes, 334 room hotel/spa	North of Peirson East of Foxdale	Steve Shover, Ed Hadley			
70	ZMA 01-18, GPA 02-18	Chester Allen	Palm Claire Group, Commerical Development	Zone Map & General Plan Amendment	SWC of Palm Drive and Claire Ave				
71	CUP 01-18	Armand Anselmo, Patrick Cruz, Jaron Wright,	DHS Wind Repowering Project	and replacement with 4 new state of the art wind turbines	Foothills west of 62 and north of Painted Hils Rd			Remopval of 69 outdated wind turbines in favor of 4 new state of the art Wind Turbines	
72	CUP 02-18	Michael Kim	Planned Development for Best Western Plus Hi	Proposed 80 room Hotel & Spa	SWC 8th Street & Palm Drive			New 80 room hotel & spa	City is in negotiations with developer (streets, power, taxes)
	TPM 37530	Duke Chang	Parcel Map to align with Councils approval of TI	Parcel Map	SWC Bearce Rd and Dillon Rd				
	CUP 03-18	Michael Bickford	MSA8, LLC	Cultivation Lab	66534 - 66538B 8th st				
	CUP 04-18	Sergey Sakakiyan	Haceinda Assisted Care	Assisted Liviing Facility	66753 Hacienda Ave				
	CUP 05-18	Best Development Group	Grocery Outlet Supermarket	20,0000 SF grocery store	SWC of Park & Palm	Carl Best,			
	GPA 03-18, ZMA 02-18	Nathan Bouvet	My Desert Garage	GPA/ZMA for future High-end RV storage fa	SWC of Palm & Dillon Rd	Nathan Bouvet, Ryan Gaetner	N/A		
	DP 12-18	Karen Chan for TT Group	Aqua Soleil - Vintage RV cabanas	Addition of RV cabanas	behind exisiting hotel at Park Lane & Palm Drive				
	CUP 08-18	John Cotton / Sheldon Aberman	CHM Desert LLC, Desert Revolutions	New Cultivation Facility	NE corner of Little Morongo Rd. and 13th Ave		127,960	Two cannabis facilities total of 127,960	
68	CUP 09-18, DP 05-17, DR 02-18, TTM 37597, AIPP 05-17	Alizabeth James	Marbella Villas Condominium Project	404 new residential condos, community club house, public art, etc.	15th & Palm				
69	CUP 10-18	Aram Manoukian	Peoples Community Clinic	Small Health Clinic	14238 Palm Drive - Vons Shopping Center (near	Aram Monoukian 2667 Bogue Drive, Glendael, CA 91208 Angie Popp			
	DP 11-18	Watermarke Homes	Rolling Hills Estates	Remaining 16 lots	North of Mission Lakes, East of Little Morongo Road	Operations Asst. Watermarke Homes, LLC			
	DP 09-18	Elyon Development	Rolling Hills Estates	5 lots at the end of street	North of Mission Lakes, East of Little Morongo Road	Chris			
	DP 01-18	Master Plan for 3 homes		3 SFH					
	DP 02-18	Moon Leu Investments	CUP 17-17	Cultivation/Maufacturing/Distribution	Lot 12				
	DP 03-18	VBHS Investments, LLC	Coachillin SP	Cannabis Cultiavtion Facilty	Parcel 11 Coachillin				
	DP 04-18	DHS Verde LLC	Coachillin SP	All ancilary uses in 3 phases	Lot 28				
	DP 05-18	neUdesign Architecture	Coachillin SP	cultivation, distribution, restaurant 2nd floo	Lot 29				
	DP 06-18	Best Development Group	CUP 05-18, TTM37571,DR 04-18,SVAR 03-18	Grocery Outlet					
	DP 07-18	Happy Hours, LLC	Coachillin SP	Cultivation; Manufacturing	Lot 10				
	DP 08-18	Coachillin Biz Park	Coachillin SP	Lab, Mauf, Extraction	Lot 34				
	DP 09-18	Elyon Development		Butterfly Roof Top Homes	Rolling Hills Lot 20, 21, 22, 23, 24				
	DP 10-18	Coachillin Holdings	Coachillin SP	Secuirty Buidling	Parcel 29				
	DP 17-05 (Amendment)	Watermarke Homes	Rolling Hills	16 Single-Family Homes	Lots 11-19 & 25-31				
	DP 12-18	Karen Chan	AquaSoleil	Vintage travel trailer resort	14500 Palm Drive				Approved by PC: Jan 8 2019
	DP 13-18	Mack Martin		Residential Fence	65697 Buena Vista Ave				
	DP 01-19	Coahillin Holdings	Reverse Osmosis Bldg	Parcel # 14	11083 Palm Drive				
	DP 02-19	Coachillin Holdings		Parcel #7					
	DP 03-19	Martha Gutierrez	Deliciosas Restaurant	66121 Pierson Blvd	11220 Palm Drive				
	DP 04-19	CastleRock Construction	Mountain View - 4 new SFR's	661-470-009,010,011,012	N/A				
	DP 05-19	Elias Valenzuela	manufactured Home	66324 Hacienda Avenue					
	DP 06-19	Coachillin Holdings	Anerobic Digestor	APN 666-360-015	N/A				
	DR 01-18	Best Western Plus	80 Room Hotel & Spa		14290 Palm Drive				
	DR 02-18	Maribella Villas, David Maldonado	Residential Condominium Project	404 Condos	Palm Drive south of Park Lane				
	DR 03-18	Bridgett Owens/ Vista Ventana	Motel Remodel	Landscape & Repaint	11220 Palm Drive				
	DR 04-18	Best Development Group, LLC	Grocery Outlet Supermarket	20,000 SF discount grocery store	12775 Palm Drive				
	DR 05-18	Coachillin Holdings	Equipment Room Renovations, New Spa Bldg, Cabanas, New		20000 North Indian Canyon Dr				
	DR 06-18	Two Bunch Palms Resort	Entry, pools, etc.	Lot 14					
	DR 07-18	Del Taco	Re-model		14290 Palm Drive				
	DR 08-18	Palomar Solar	Carport Solar		65321 Palm Drive				
	DR 09-18	Richard Pio	Installation of Corrugated Metal Fencing		9151 Puesta Del Sol				
	DR 10-18	AmPm	Repaint/Sign Review		12775 Palm Drive				
	DR 11-18	AmPm	Repaint/Sign Review		20000 Indian Canyon Drive				
	DR 16-05 (Amendment)	Watermarke Homes							
	FWP 01-19	TNT Fireworks	2019 Fireworks Stand Application	Fireworks Stand	66290 Estrella Ave				
	FWP 02-19	TNT Fireworks	2019 Fireworks Stand Application	Fireworks Stand	17001 Palm Drive				
	FWP 03-19	TNT Fireworks	2019 Fireworks Stand Application	Fireworks Stand	65945 Pierson Blvd				
	FWP 04-19	TNT Fireworks	2019 Fireworks Stand Application	Fireworks Stand	14011 Palm Drive				
	FWP 05-19	TNT Fireworks	2019 Fireworks Stand Application	Fireworks Stand	13200 Palm Drive				
	FWP 06-19	TNT Fireworks	2019 Fireworks Stand Application	Fireworks Stand	14200 Palm Drive				
	CUP								
	MM 01-19	DHS Facilities	DHS Facilities	Change of Floor Plan	65000 Two Bunch Palms Trail				
	MM 02-19	New Green Acres	New Green Acres	Architectural Changes	65030 Dillion Road				
	MM 03-19	Vets Leaf	Vets Leaf	Change ofFloor Plan	65311 San Jacinto Lane				
	MM 04-19	Magdi Hanna	Magdi Hanna	Modifying work under Phase 1. Starting construction of 1 of the 4 buildings, etc.	APN: 666-310-009 (18th Ave)				
	MM 05-19			Architectural Changes	65333 Palomar Lane				
	MM 06-19	VBR DHS Management LLC	VBR DHS Management LLC	Change of floor plan	65000 Two Bunch Palms Trail				
	MM 07-19	Ron Brazil, Blackstar Financial	Ron Brazil, Blackstar Financial	Add non-storefront retail	64125 19th Avenue				
	MM 08-19	Vets Leaf	Vets Leaf	Change of Floor Plan	65311 San Jacinto Lane				
	MM 09-19	Merj T.I D2	Merj T.I D2	Architectural Changes	15850 Little Morongo				
	MM 10-19	Rubicon Outreach	Rubicon Outreach	Change of Floor Plan	18776 Blue Dream Crosing Pod 53-08				
	MM 11-19	Apex Organix, DBA Refined Xtractions	Apex Organix, DBA Refined Xtractions	Change of Floor Plan	18776 Blue Dream Crosing Parcel 33, #40-5				
	MM 12-19	Watermarke Homes	Watermarke Homes	Change of elevations	Rling Hills,, 19 & 25				
	MM 13-19	We Care DHS	We Care DHS	Revised Floor Plans	65283 Two Bunch Palms Trail				
	MM 14-19	Stark Venture, LLC	Stark Venture, LLC	Architectural Changes	14446 & 14450 Little Morongo Rd				
	MM 15-19	The Micro Buddery	The Micro Buddery	Architectural Changes	66321 Pierson Blvd				
	MM 16-19	Murchison Chemical Tech	Murchison Chemical Tech	Add manufactuirng	64125 19th Avenue				

City of Desert Hot Springs
Planning Department - Project Status and Contact Information

Project Number	Applicant Name	Application Project Name	Project Description	Location	Address Assigned	Building Size/Sq. Footage	Project Details	Status
MM 17-19	Watermarke Homes	Watermarke Homes	Architectural Changes	Lot 14, 17, 26, 29				
MM 18-19	NUMACO, LLC	NUMACO, LLC	Change of Floor Plan	13310 Little Morongo Road 1A				
DP 01-19	Coahillin Holdings	Parcel # 14	RO Building					
DP 02-19	Coachillin Holdings	Parcel #7						
DP 03-19	Martha Gutierrez	66121 Pierson Blvd	Establish a Mexican Restaurant within an existing buildnig					
DP 04-19	CastleRock Construction	661-470-009,010,011,012	Building 4 homes					
DP 05-19	Elias Valenzuela	66324 Hacienda Avenue	Manufactured Home					
DP 06-19	Coachillin Holdings	APN 666-360-015	Anerobic Digestor					
DP 07-19	XiuQui Chen	14201 Palm Dr, Suite 110 APN: 656 020 029	Massage and Spa					
DP 08-19	Guanlin Qi	APN 666-360-015	Massage and Spa					
DP 09-19	Agua Dulce Residential		Models and Buildout of previously approved subdivision					
DR 01-19	Agua Dulce							
DR 02-19	Tyson Ranch - Glamping Facility	Developmnent of the site with high-end glamping, music aphitheatre, small hotel/spa		SEC Varner Rd and West Drive				
AP 01-19	Grundman Law	Appeal of Grocery Outlet	Appeal of PC's decision	NWC of Park Lane and Palm Drive				
GPA 01-19	Coutrney Moe	The Loran Resort & Spa	Proposed 110 cabin Resort & Spa					
ME 01-19	Timothy L Maloney	Setbacks	Setbacks					
ME 02-19	Mountain View	Setbacks	Setbacks					
ME 03-19	Toba	Parking	Parking					
ME 04-19	Jacqueline Grad	Parking	Parking					
CUP 10-14 (A)	Desert Finest		Expansion to a 2nd building	12106 Palm Drive				
CUP 29-16 (T.E)	Pulse Investment Group		Time Extension	665-040-001				
CUP 03-15 (A)	Oxford Properties		Amendment to site plan to match proposed site plan	665-110-004				
CUP 01-19	Patricio Salazar		Type 41 ABC license on premise alchohol consumption	13180 Palm Drive				
CUP 02-19	Greg Macias		Cell Tower	22755 Palm Drive				
CUP 11-16 (A)	We Care DHS		adding manufacturing	65283 Two Bunch Palms Trail				
CUP 22-14 (T.E)	Stephanie Bodde		Dispensary	11940 Palm Drive				
CUP 03-19	C & R Realty		Cannabis Uses					
CUP 07-17 (T.E)	Victor Din		Time Extension					
CUP 04-19	Angelica Rodriguez		Medical Clinic	14080 Palm Drive				
CUP 13-17 (T.E)	Innovative Investment		Time Extension	665-030-039 & 665-030-040				
CUP 30-16 A	Cannavision		Expansion of original approval	665-030-055				
CUP 28-17 (T.E)	Fam-Well, LLC		Time Extension					
CUP 30-16 (TE)	Cannavision		Time Extension					
CUP 15-17 (TE)	Hot Desert Springs, LLC		Time Extension					
CUP 16-17 (TE)	DHS Development Cabot		Time Extension					
CUP 05-19	Stephanie Bodde		New Storefront Cannbis Retail	Storefront Cannabis Retail				
CUP 14-17 (TE)	DSH Enterprises LLC		Time Extension	Time Extension				
TUP 01-19	Desert X		Temp Art	67425 Two Bunch Palms				
TUP 02-19	Desert X		Temp Art	12689 Eliseo Road				
TUP 03-19	Coachillin		Temp Pods	Parcel #33				
TUP 04-19	Happy Hours		2 Temp Pods	Parcel #10				
TUP 05-19	Southern Fried		Food Truck	12635 Palm Drive				
TUP 06-19	Southern Fried		Food Truck	12635 Palm Drive				
TUP 07-19	DHS Verde		Temp Trailers	Parcel 28 Coachillin				
TUP 08-19	Cannavision		Temp office/constrution	665-030-055				
TUP 09-19	San Jac Facilities		Temp Break Room	65242 San Jacinto Lane				
TUP 10-19	Markus Smith		Temp Facility	65128 Palomar Lane				
TUP 11-19	Dana Johnson, Food Now		Temp Portable Showers	14080 Palm Drive				
VAR 01-19	Elyon Development		Rear Setback Relief	661-470-009,010,011,012				
VAR 02-19	Elyon Development		Setback Relief	641-022-001 (Acoma)				
City 01-18	City of DHS		Construction of new City Hall	11999 Palm Drive				
County 01-18	County of Riverside	County Library	Construction of new public library					
County 01-16	County of Riverside	Pierson Plaza	Construction of new Social Services Buildling and strip commercial center	65753 Pierson Blvd				

Development Projects Update October 2019



DISCLAIMER: This map is a public resource of general information. The feature data provided on this map represents the most accurate zoning and general plan land use parcel information available at the date of revision. In the event of conflict between information on this map and adopted City Resolutions or Ordinances, the CIty's Resolutions and/or Ordinances shall govern. The information on this map is for informational purposes only . The CIty of Desert Hot Springs assumes no warranty or legal responsibility for the information contained on this map. Data and information on this map is subject to updates, modification and may not be complete or appropriate for all pursposes. Map created by Scott Taschner on October 15, 2019

Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

Exhibit B

SCOPING AGREEMENT FOR TRAFFIC IMPACT STUDY

This letter acknowledges the Riverside County Transportation Department requirements for traffic impact analysis of the following project. The analysis must follow the Riverside County Transportation Department Traffic Study Guidelines dated April 2008.

Case No. _____
Related Cases -
SP No. _____
EIR No. _____
GPA No. _____
CZ No. _____
Project Name: Desert Hot Springs Library Facility Project
Project Address: Northeast of Palm Drive and Park Lane
Project Description: 15,000 Square Foot Library

	Consultant	Developer
Name:	Ganddini Group, Inc./ Bryan Crawford	CFP Riverside, LLC/ Steve Collins
Address:	550 Parkcenter Dr. Suite 202	18336 Minnetonka Boulevard, Suite C
	Santa Ana, Ca 92705	Deephaven, Minnesota 55391
Telephone:	714-795-3100 ext 104	
Fax:	bryan@ganddini.com	

A. Trip Generation Source: Institute of Transportation Engineers (ITE), Trip Generation, 10th Edition, 2017

Current GP Land Use		Proposed Land Use	
Current Zoning		Proposed Zoning	

Current Trip Generation	In	Out	Total	Proposed Trip Generation In	Out	Total
AM Trips	-	-	-	11	4	15
PM Trips	-	-	-	59	64	123

Internal Trip Allowance ☐ Yes ☒ No (_____ % Trip Discount)
Pass-By Trip Allowance ☐ Yes ☒ No (_____ % Trip Discount)

A passby trip discount of 25% is allowed for appropriate land uses. The passby trips at adjacent study area intersections and project driveways shall be indicated on a report figure.

B. Trip Geographic Distribution: N 85 % S 15 % E 0 % W 0 %
(attach exhibit for detailed assignment)

C. Background Traffic

Project Build-out Year: 2021 Annual Ambient Growth Rate: 2.0 %

Phase Year(s) _____
Other area projects to be analyzed: Please provide cumulative data.

Model/Forecast methodology Manual build up approach

D. Study intersections: *(NOTE: Subject to revision after other projects, trip generation and distribution are determined, or comments from other agencies.)*

1. Palm Dr (NS) at Pierson Blvd (EW)
2. Palm Dr (NS) at Hacienda Ave (EW)
3. Palm Dr (NS) at 2 Bunch Palms Trail (EW)
4. Palm Dr (NS) at Project Dwy (EW)
5. Palm Dr (NS) at Park Ln (EW)
6. Project Dwy (NS) at Park Ln (EW)
7.
8.
9.
10.

E. Study Roadway Segments: *(NOTE: Subject to revision after other projects, trip generation and distribution are determined, or comments from other agencies.)*

1.
2.
3.
4.
5.
6.
7.
8.
9.
10.

E. Other Jurisdictional Impacts

Is this project within a City's Sphere of Influence or one-mile radius of City boundaries? ☒ Yes ☐ No

If so, name of City Jurisdiction: City of Desert Hot Springs

F. Site Plan (please attach reduced copy) See Figure 2

G. Specific issues to be addressed in the Study (in addition to the standard analysis described in the Guideline) (To be filled out by Transportation Department)
(NOTE: If the traffic study states that "a traffic signal is warranted" (or "a traffic signal appears to be warranted," or similar statement) at an existing unsignalized intersection under existing conditions, 8-hour approach traffic volume information must be submitted in addition to the peak hourly turning movement counts for that intersection.)

H. Existing Conditions

Traffic count data must be new or recent. Provide traffic count dates if using other than new counts.
Date of counts New Counts

***NOTE* Traffic Study Submittal Form and appropriate fee must be submitted with, or prior to submittal of this form. Transportation Department staff will not process the Scoping Agreement prior to receipt of the fee.**

Recommended by:

Bryan Crawford — 9/4/2019
Consultant's Representative — Date

Scoping Agreement Submitted on _____

Revised on _____

Approved Scoping Agreement:

_____ — _____
Riverside County Transportation Department — Date

Table 1
Project Trip Generation

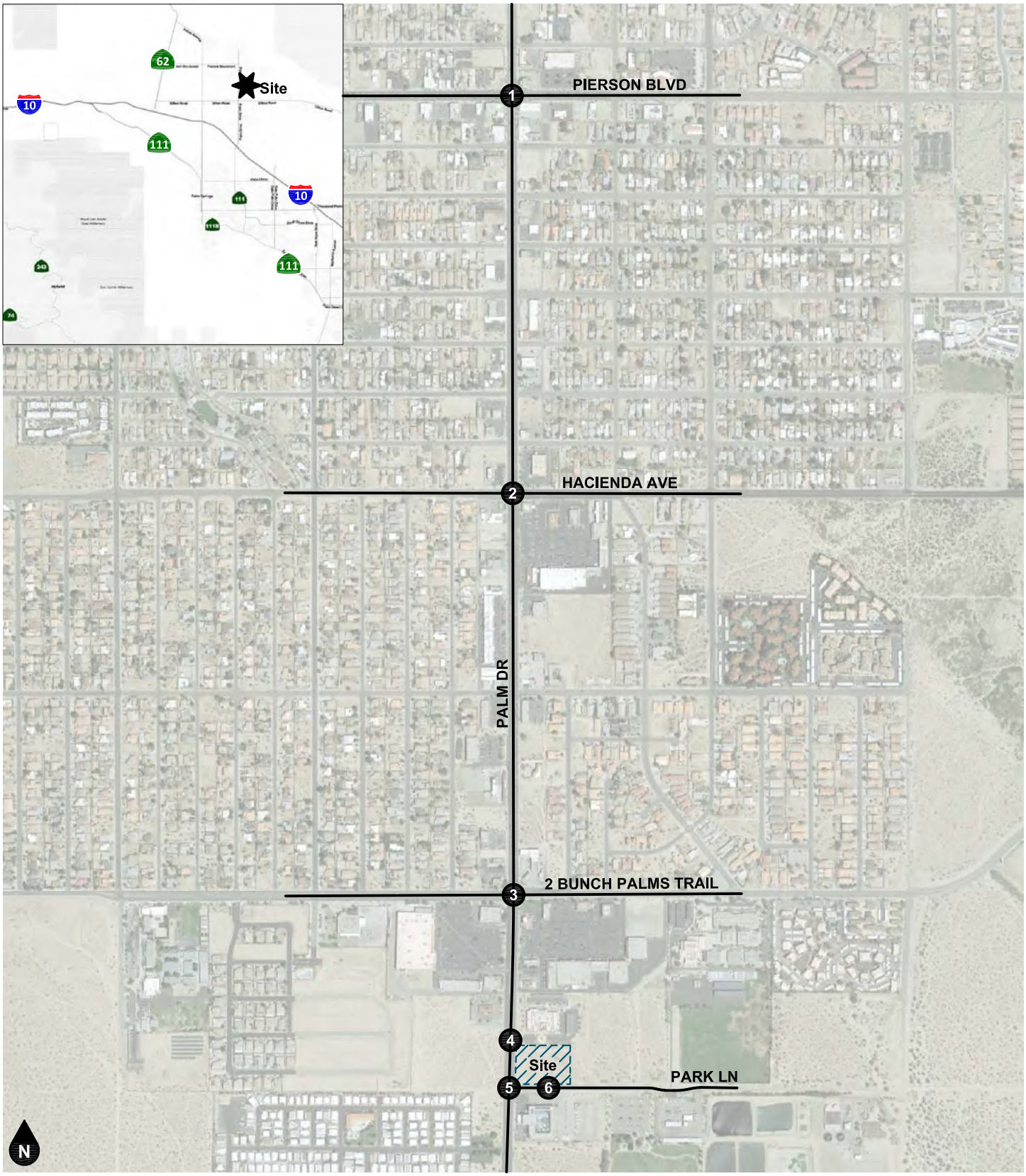
Trip Generation Rates									
			AM Peak Hour			PM Peak Hour			Daily
Land Use	Source[1]	Units[2]	% In	% Out	Rate	% In	% Out	Rate	Rate
Library	ITE 590	TSF	71%	29%	1.00	48%	52%	8.16	72.05

Trips Generated									
			AM Peak Hour			PM Peak Hour			
Land Use	Quantity	Units[2]	In	Out	Total	In	Out	Total	Daily
Library	15.000	TSF	11	4	15	59	64	123	1,081

Notes:

1) ITE = Institute of Transportation Engineers, Trip Generation Manual, 10th Edition, 2017; 590 = Land Use Code

2) TSF = Thousand Square Feet



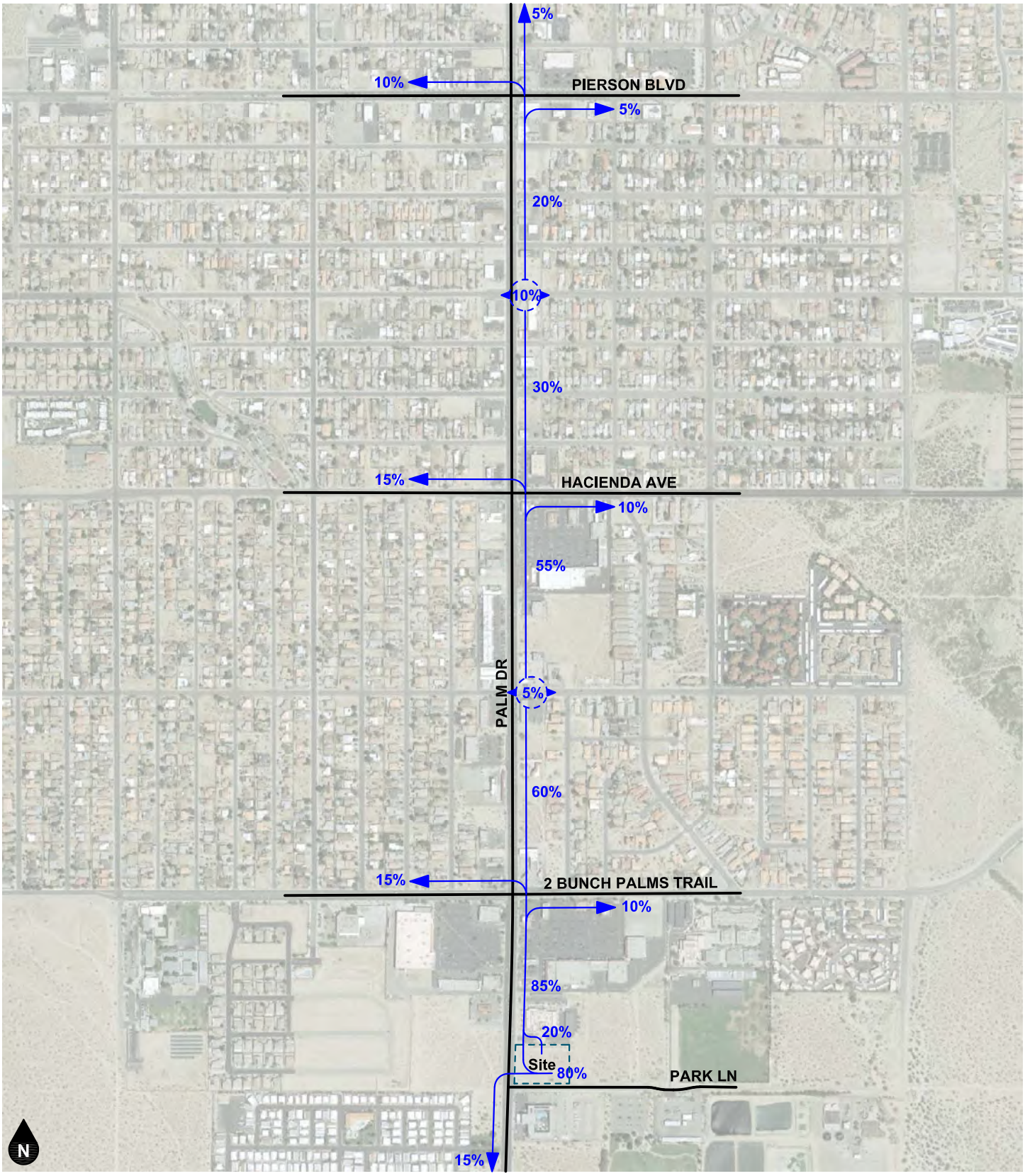
Legend

(#) Study Intersection

Figure 1
Project Location Map

Source: CannonDesign

Figure 2
Site Plan



Legend

10% Percent To/From Project

5% Localized Percent To/From Project

Figure 3
Project Trip Distribution

TABLE 3
TRIP GENERATION RATES / FORECASTS
FOR DESERT HOT SPRINGS GROCERY OUTLET PROJECT

ITE Code	Description	Quantity	Trips per Unit						
			Daily	AM Peak Hour			PM Peak Hour		
				In	Out	Total	In	Out	Total
Phase 1: Gasoline w C Store and Car Wash plus Fast Food									
854	*Discount Supermarket Rates*	ksf	90.87	58%	42%	2.53	50%	50%	8.38
	Grocery Outlet Store in Desert Hot Springs	20.0 ksf	1,817	29	22	51	84	84	168
	Pass-by (23% daily, a.m. and p.m.)		418	7	5	12	19	19	38
	Net New Trips		**1,399**	**22**	**17**	**39**	**65**	**65**	**130**

Trip Distribution. The geographic distribution of vehicle trips associated with the proposed project has been determined from review of the general demographics of the Desert Hot Springs area. The project is located at the south end of the community, but residents of portions of the unincorporated area of Riverside County north of Interstate 10 will also be potential customers. Table 4 indicates the assumed directional allocation of new trips.

As noted earlier a share of the trips attracted to retail uses are commonly "pass-by" trips drawn from the stream of traffic on adjoining streets. This analysis assumes that the share of pass-by trips will be in proportion to the volume of traffic on each facility, and Table 4 also notes the allocation of pass-by trips to and from each street.

TABLE 4
DESERT HOT SPRINGS GROCERY OUTLET STORE
TRIP DISTRIBUTION ASSUMPTIONS

Direction	**Route**	**Percentage of Total Trips**	
New Trips			
North	Palm Drive beyond Two Bunch Palms Trail	37½ %	
	Two Bunch Palms Trail west of Palm Drive	12½ %	
	Two Bunch Palms Trail east of Palm Drive	22½ %	
East	Park Lane east of Palm Drive	2½ %	
South	Palm Drive beyond Camino Campanero	17½ %	
	Camino Campanero east of Palm Drive	7½ %	
Total		100%	
Pass By Trips			
Direction		**AM Peak Hour**	**PM Peak Hour**
Southbound on Palm Drive		50%	50%
Northbound on Palm Drive		50%	50%
Total		100%	100%

Trip Assignment. Figure 4 illustrates "project only" trips through study area intersections and at project driveways under the distribution percentages noted above with access as proposed. Initially the analysis considers full access at both driveways to assess the need for the traffic signal that is anticipated at the Park Lane intersection and the elimination of outbound left turns at the northern driveway

Project Improvements. The project would typically be required to install frontage improvements along Palm Drive required by the City of Desert Hot Springs and represent ½ the ultimate section of the road.

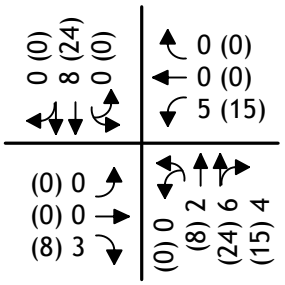
Legend

- XX — AM Peak Hour Volume
- (XX) — PM Peak Hour Volume
- R1-1 — Stop Sign
- Signalized Intersection
- XX % — Trip Distribution Percentage

NORTH

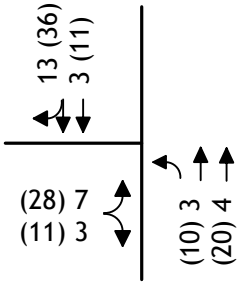
N.T.S.

1



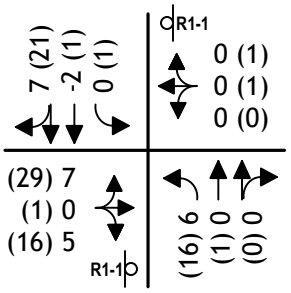
Palm Dr/ 2 Bunch Palms Trail

2



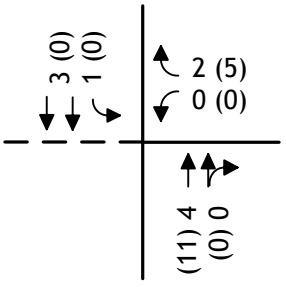
Palm Dr/ Site Access

3



Palm Dr/ Park Ln

4



Palm Dr/ Camino Campanero

PROJECT ONLY TRAFFIC VOLUMES AND LANE CONFIGURATIONS

KD Anderson & Associates, Inc.
Transportation Engineers