# EXHIBIT 2



CHRISTOPHER L. LEBSOCK 600 Montgomery Street

Partner Suite 3200 San Francisco, CA 94111

> 415-633-1949 Direct 415-633-1908 Main 415-358-4980 Fax

clebsock@hausfeld.com

November 5, 2015

#### VIA CERTIFIED U.S. MAIL

Volkswagen AG P.O. Box 1849 D-38436 Wolfsburg, Germany

Audi AG Inglostadt Bayern 85057 Germany

Porsche AG Dr. Ing. h.c. F. Porsche AG Porscheplatz 1 D - 70435 Stuttgart

Porsche Cars North America, Inc. One Porsche Drive Atlanta, GA 30354

Volkswagen Group of America, Inc. c/o Corporation Service Company 270 Gateway Oaks Drive, Suite 150N Sacramento, CA 95833

Audi of America, Inc. c/o Corporation Service Company Bank of America Center 111 East Main Street Richmond, VA 23219

Volkswagen of America, Inc. c/o Corporation Service Company Bank of America Center 111 East Main Street Richmond, VA 23219

Stuart Johnson General Manager Engineering and Environmental Office Volkswagen Group of America, Inc. 3800 Hamlin Road Auburn Hills, MI 48326

David Geanacopoulos Executive Vice President Public Affairs and General Counsel Volkswagen Group of America, Inc. 2200 Ferdinand Porsche Drive Herndon, VA 20171

General Counsel Volkswagen Group of America, Inc. 2710 Gateway Oaks Dr., Suite 150N Sacramento, CA 95833

General Counsel Audi of America. Inc. 2200 Ferdinand Porsche Drive Herndon, VA 20171

PAGE 2 November 5, 2015

Regional Administrator Pacific Northwest Region Environmental Protection Agency 1200 6th Avenue, Suite 900 Seattle, WA 98101

Jay Inslee Governor of Washington State PO Box 40002 Olympia, WA 98504-0002

General Counsel Washington Department of Ecology 300 Desmond Drive SE, Lacey, WA 98503

Regional Administrator New England Region Environmental Protection Agency 5 Post Office Square, Suite 100 Boston, MA 02109-3912

Charlie Baker Governor of Massachusetts Massachusetts State House Office of the Governor, Room 280 Boston, MA 02133

General Counsel Massachusetts Department of Environmental Protection 1 Winter Street Boston, Massachusetts 02108 Regional Administrator Region 2 Environmental Protection Agency 290 Broadway New York, NY 10007-1866

Andrew Cuomo Governor of New York NYS State Capitol Building Albany, NY 12224

General Counsel New York State Department of Environmental Conservation 625 Broadway Albany, New York 12233-0001

Regional Administrator Mid-Atlantic Region Environmental Protection Agency 1650 Arch Street Philadelphia, PA 19103-2029

General Counsel Pennsylvania Department of Environmental Protection Rachel Carson State Office Building 400 Market Street Harrisburg, PA 17101

Tom Wolf Governor of Pennsylvania 508 Main Capitol Building Harrisburg, PA 17120

PAGE 3 November 5, 2015

General Counsel Arizona Department of Environmental Quality 1110 W. Washington Street Phoenix, AZ 85007

Douglas Ducey Governor of Arizona 1700 West Washington Street Phoenix, AZ 85007

General Counsel Connecticut Department of Energy & Environmental Protection 79 Elm Street Hartford, CT 06106-5127

Daniel P. Malloy Governor of Connecticut 210 Capitol Avenue Hartford, CT 06106

General Counsel Maine Department of Environmental Protection 17 State House Station Augusta, Maine 04333-0017 Paul R. LePage Governor of Maine 1 State House Station Augusta, ME 04333-0001

General Counsel Maryland Department of the Environment 1800 Washington Boulevard Baltimore, MD 21230

Larry Logan Governor of Maryland 100 State Circle Annapolis, MD 21401

General Counsel New Jersey Department of Environmental Protection 401 E. State St. 7th Floor, East Wing P.O. Box 402 Trenton, NJ 08625-0402

Chris Christie Governor of New Jersey PO Box 001 Trenton, NJ 08625

General Counsel New Mexico Environment Department Harold L. Runnels Building 1190 St. Francis Drive, Suite N4050 Santa Fe, New Mexico 87505

Susana Martinez Governor of New Mexico 490 Old Santa Fe Trail, Room 400 Santa Fe, NM 87501

PAGE 4 November 5, 2015

General Counsel Oregon Department of Environmental Quality 811 SW 6th Avenue Portland, OR 97204-1390

Kate Brown Governor of Oregon 160 State Capitol 900 Court Street Salem, OR 97301-4047

General Counsel Rhode Island Department of Environmental Management 235 Promenade Street Providence, RI 02908-5767 Gina M. Raimondo Governor of Rhode Island 82 Smith Street Providence, RI 02903

General Counsel Vermont Department of Environmental Conservation 1 National Life Drive, Main 2 Montpelier, VT 05620-3520

Peter Shumlin Governor of Vermont 109 State Street, Pavilion Montpelier, VT 05609

#### **RE:** VW Emissions Violations; Notice of Intent to Sue.

Dear Sir or Madame:

Pursuant to 42 U.S.C. § 7604(b), we write to notify you that Volkswagen AG, Audi AG, Volkswagen Group of America, Inc., Volkswagen of America, Inc., Porsche Cars North America, Inc., and Audi of America, Inc. (collectively "VW") are alleged to have violated the Clean Air Act ("CAA"), 42 U.S.C. §§ 7401 - 7671q, and its implementing regulations, and the motor vehicle emissions laws, regulations and orders of California, Arizona, Connecticut, Maine, Maryland, Massachusetts, New Jersey, New Mexico, New York, Oregon, Pennsylvania, Rhode Island, Vermont, and Washington by installing "defeat devices" on its emissions control systems for at least the following Volkswagen, Porsche, and Audi vehicles with diesel engines sold in the United States:

- VW Jetta TDI (Model Years 2009-15);
- VW Jetta SportWagen TDI (Model Years 2009-14);

- VW Golf TDI (Model Years 2010-15);
- VW Golf SportWagen TDI (Model Year 2015);
- VW Beetle TDI and VW Beetle Convertible TDI (Model Years 2012-15);
- VW Passat TDI (Model Years 2012-15);
- Audi A3 TDI (Model Years 2010-15);
- VW Toureg (Model Years 2014-15);
- Porsche Cayenne (Model Years 2014-2016);
- Audi A6 Quattro, A7 Quattro, A8, A8L, and Q5 (Model Years 2015-16).

The defeat devices masked real world NOx emissions that exceeded emissions levels authorized by the U.S. Environmental Protection Agency limits by 9 to 40 times.

VW has widely admitted to its violation of E.P.A. and California Air Resources Board rules and regulations (which have been adopted in 13 states), and to its deception of state and federal regulators. On October 8, 2016, VW additionally publicly announced that some or all of its SCR engines may be non-compliant with state and federal regulations. On November 2, 2015, the United States Environmental Protection Agency issued a notice of violation regarding a portion of these vehicles and VW immediately imposed a sales ban on all late-model vehicles with 3.0 liter diesel engines in the United States. VW executives at the highest level of the company were aware of these emissions violations and these individuals authorized concealment through the use of a sophisticated software code that understood when an engine was being subjected to an emissions test. The software then altered engine settings to allow the vehicle to pass the emissions test. Thereafter, the engine would revert to normal settings for real-world driving conditions.

The CAA makes it a violation "for any person to manufacture or sell, or offer to sell, or install, any part or component intended for use with, or as part of, any motor vehicle or motor vehicle engine, where a principal effect of the part or component is to bypass, defeat, or render inoperative any device or element of design installed on or in a motor vehicle or motor vehicle engine in compliance with regulations under this subchapter, and where the person knows or

PAGE 6 November 5, 2015

should know that such part or component is being offered for sale or installed for such use or put to such use." CAA § 203(a)(3)(B), 42 U.S.C. § 7522(a)(3)(B); 40 C.F.R. § 86. 1854-12(a)(3)(ii). Additionally, manufacturers are prohibited from selling, offering for sale, introducing into commerce, delivering for introduction into commerce, or importing, any new motor vehicle unless that vehicle is covered by an EPA-issued Certificate of Conformity ("COC"). CAA § 203(a)(1), 42 U.S.C. § 7522(a)(1); 40 C.F.R. § 86. 1854-1 2(a)(1). It is also a violation to cause any of the foregoing acts. CAA § 203(a), 42 U.S.C. § 7522(a); 40 C.F.R. § 86-1854-12(a).

"Vehicles are covered by a certificate of conformity only if they are in all material respects as described in the manufacturer's application for certification . . . ." 40 C.F.R. § 86.1848-10(c)(6). Similarly, a COC issued by EPA, including those issued to VW, state expressly, "[t]his certificate covers only those new motor vehicles or vehicle engines which conform, in all material respects, to the design specifications" described in the application for that COC. *See also* 40 C.F.R. §§ 86. 1844-01 (listing required content for COC applications), 86.1848-01 (b) (authorizing the EPA to issue COCs on any terms that are necessary or appropriate to assure that new motor vehicles satisfy the requirements of the CAA and its regulations).

Motor vehicles equipped with defeat devices, such as those at issue here, cannot be certified. EPA, *Advisory Circular Number 24: Prohibition on use of Emission Control Defeat Device* (Dec. 11, 1972); *see also* 40 C.F.R. §§ 86-1809-01, 86-1809-10, 86-1809-1 2. Electronic control systems which may receive inputs from multiple sensors and control multiple actuators that affect the emission control system's performance are AECDs. EPA, *Advisaty Circular Number 24-2: Prohibition of Emission Control Defeat Devices - Optional Objective Criteria* (Dec. 6, 1978). "Such elements of design could be control system logic (i.e., computer software), and/or calibrations, and/or hardware items." *Id.* 

To obtain a COC, a light-duty vehicle manufacturer must submit a COC application to the EPA for each test group of vehicles that it intends to enter into United States commerce. 40 C.F.R. § 86.1 843-0 1. The COC application must include, among other things, a list of all auxiliary emission control devices (AECDs) installed on the vehicles. 40 C.F.R. § 86. 1844-01 (d)(11). An AECD is "any element of design which senses temperature, vehicle speed, engine RPM, transmission gear, manifold vacuum, or any other parameter for the purpose of activating, modulating, delaying, or deactivating the operation of any part of the emission control system." 40 C.F.R. § 86. 1803-01. The COC application must also include "ajustification for each AECD, the parameters they sense and control, a detailed justification of each AECD that results in a reduction in effectiveness of the emission control system, and [a] rationale for why it is not a

PAGE 7 November 5, 2015

defeat device." 40 C. F.R. § 86. 1844-01 (d)(11). A defeat device is an AECD " that reduces the effectiveness of the emission control system under conditions which may reasonably be expected to be encountered in normal vehicle operation and use, unless: (1) Such conditions are substantially included in the Federal emission test procedure; (2) The need for the AECD is justified in terms of protecting the vehicle against damage or accident; (3) The AECD does not go beyond the requirements of engine starting; or (4) The AECD applies only for emergency vehicles . ... " 40 C.F.R. § 86. 1803-01.

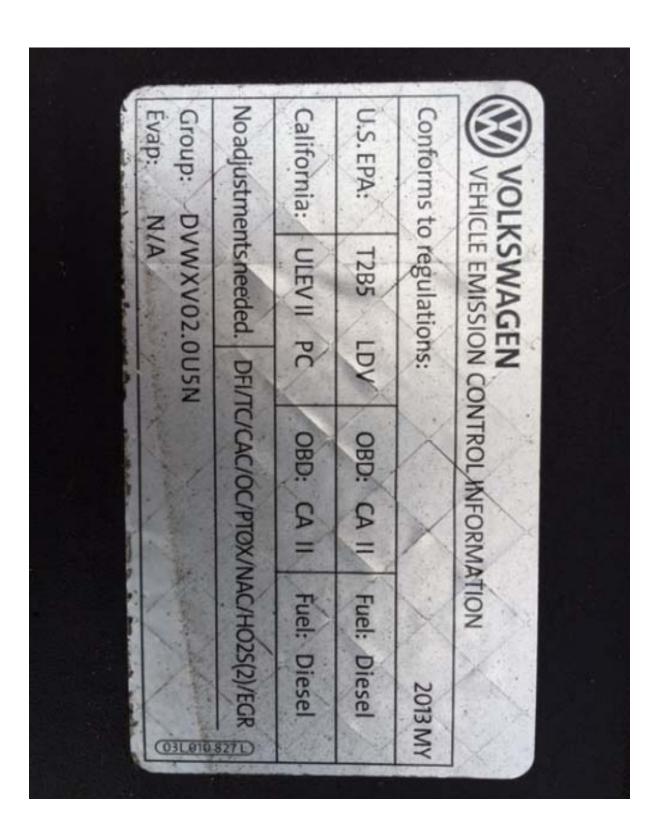
Persons who violate section 203(a)(3)(B) of the CAA, 42 U.S.C. § 7522(a)(3)(B), are subject to a civil penalty of up to \$3,750 for each violation that occurred on or after January 13, 2009;<sup>1</sup> CAA § 205(a), 42 U.S.C. § 7524(a); 40 C.F.R. § 19.4. In addition, any manufacturer who, on or after January 13, 2009, sold, offered for sale, introduced into commerce, delivered for introduction into commerce, imported, or caused any of the foregoing acts with respect to any new motor vehicle that was not covered by an EPA-issued COC is subject, among other things, to a civil penalty of up to \$37,500 for each violation.<sup>2</sup> CAA § 205(a), 42 U.S.C. § 7524(a); 40 C.F.R. § 19.4. Additional equitable remedies to further address these alleged violations are also authorized. CAA § 204(a). 42 U.S.C. § 7523(a).

VW's certifications, which are affixed to hundreds of thousands of non-compliant vehicles are false. An exemplar of these certifications is as follows:

<sup>&</sup>lt;sup>1</sup> \$2.750 for violations occurring prior to January 13. 2009.

<sup>&</sup>lt;sup>2</sup> \$32,500 for violations occurring prior to January 13, 2009.

PAGE 8 November 5, 2015



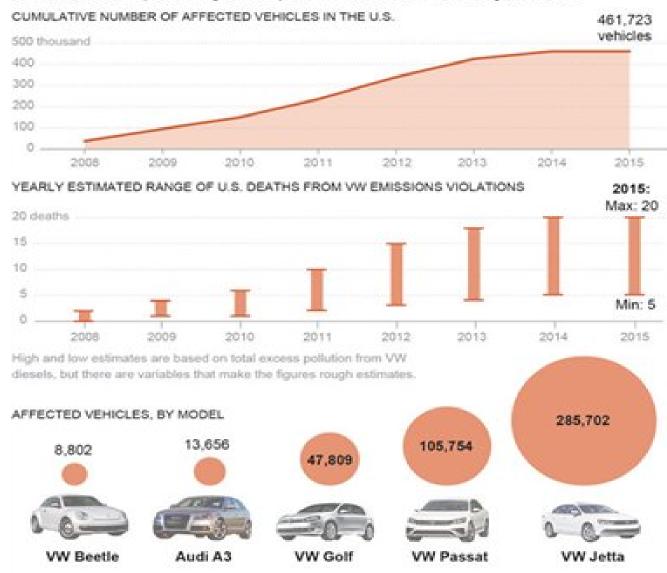


PAGE 9 November 5, 2015

VW's conduct has contributed to significant degradation of air quality in urban environments and has been estimated to have contributed to respiratory and other health problems and death of dozens of people in the United States over the last seven years. On October 3, Associated Press ("AP") laid out the facts in the chart that follows:

#### Calculating human toll of VW emissions problems

U.S. pollution resulting from Volkswagen's dodging of emissions tests is enough to have caused dozens of deaths since 2008. An AP analysis calculated upper and lower limits of pollution using the number of affected vehicles each year and average mileage. Scientists used that data in epidemiological computer models to estimate a range of deaths.



NOTE: The total of 47,809 for VW Golf includes 3,530 VW Golf Sportswagen vehicles. The total figure of 461,723 is derived from Kelley Blue Book vehicle registration data. The Environmental Protection Agency estimates the total number of affected vehicles in the U.S. to be about 482,000.

SOURCES: AP analysis of data from the U.S. Environmental Protection Agency and Kelley Blue Block; AP Professor Peter Adams, Carnegie Mellon; Volkswagen; Audi

PAGE 11 November 5, 2015

As the AP article notes, the Class Vehicles released enough NOx over the course of seven years to significantly degrade the environment in urban areas.

The full name and contact of the parties giving notice are as follows: Maria Bourn, David Watson, Stephen Verner, Mark Schumacher and the Center for Auto Safety, each of whom may be contacted through their counsel, Hausfeld LLP, 600 Montgomery Street, 32<sup>nd</sup> Floor, San Francisco, CA 94111 (Tel.: 415-633-1908).

The parties give you notice of their intent to sue the VW entities identified above pursuant to 42 U.S.C. § 7604(a)(1) sixty days following the date of this notice in the United States District Court for the Eastern District of Virginia. Notice is deemed given on the postmark date. See 40 C.F.R. § 54.2(d)

If you believe that any portion of this notice is provided in error, or if you wish to discuss any portion of this notice, please do not hesitate to contact me.

Very truly yours,

Christopher L. Lebsock Partner