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COMBINED GROUNDWATER MONITORING AND PERFORMANCE EVALUATION REPORT SECOND SEMI-ANNUAL 2017 COOPER DRUM COMPANY SUPERFUND SITE 9313 RAYO AVENUE SOUTH GATE, CALIFORNIA VOLUME I OF II

by Haley & Aldrich, Inc.
Costa Mesa, California

for Cooper Drum Cooperating Parties Group

File No. 130072-015
February 2018

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28 February 2018
File No. 130072-015

United States Environmental Protection Agency, Region 9
75 Hawthorne Street
San Francisco, California 94105

Attention: Ms. Karen Jurist
California Site Cleanup Section 3

Subject: Combined Groundwater Monitoring and Performance Evaluation Report – Second Semi-Annual 2017
Cooper Drum Company Superfund Site
9313 Rayo Avenue
South Gate, California

Dear Ms. Jurist:

Haley & Aldrich, Inc. is submitting the enclosed Combined Groundwater Monitoring and Performance Evaluation Report for the second semi-annual 2017 period on behalf of the Cooper Drum Cooperating Parties Group for the Cooper Drum Company Superfund Site at 9313 Rayo Avenue, South Gate, California. This report presents the results of the groundwater monitoring program and performance monitoring of the remedial systems from 1 July 2017 through 31 December 2017. Two separate documents were previously submitted: a Groundwater Monitoring Report that described the results of the groundwater monitoring program, and a Performance Evaluation Report that described the results of the soil vapor sampling program and the performance of Phase 1 Operable Unit 1 and Phase 1 Operable Unit 2 Remedial Actions. These reports had several duplicative sections and were therefore combined into a single report to streamline the reporting process following approval from the U.S. Environmental Protection Agency.

Please contact Mr. Peter Bennett at 510.879.4547 should you have any questions or require additional information regarding this report.

Sincerely yours,
HALEY & ALDRICH, INC.

Adrian Fure, PhD
Senior Engineer

Peter Bennett, CHG
Project Manager

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Cooper Drum Cooperating Parties Group; Attn: Mr. Daniel Vineyard
Cooper Drum Living Trust; Attn: Mr. Federico Cabo
Los Angeles Unified School District; Attn: Mr. Anthony Espinoza
Los Angeles Unified School District; Attn: Mr. Dane Robinson
Leland R. Weaver Library, Site Repository – South Gate Library; Attn: Eileen M. Tokar
City of South Gate Public Works Department, Attn: Mr. Hany Henein, PE

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List of Acronyms and Abbreviations

°C	degrees Celsius
1,1-DCA	1,1-dichloroethane
1,2-DCA	1,2-dichloroethane
1,2-DCP	1,2-dichloropropane
1,2,3-TCP	1,2,3-tricholoropropane
µg/L	microgram(s) per Liter
ACB	Aerobic Cometabolic Biodegradation
American Analytics	American Analytics, Inc.
bgs	below ground surface
Blaine Tech	Blaine Tech Services, Inc.
cDCE	cis-1,2-dichloroethene
CDCPG	Cooper Drum Cooperating Parties Group
City	City of South Gate
CMT	continuous multichannel tubing
COCs	chemicals of concern
Consent Decree	Consent Decree issued by the United States District Court Central District of California, Western Division, Case 2:15-cv-09931
DPA	Drum Processing Area
DPE	dual-phase extraction
DWR	California Department of Water Resources
EPA	U.S. Environmental Protection Agency
gpd	gallons per day
gpm	gallons per minute
GWE	groundwater extraction
GWMP	Final Groundwater Monitoring Plan for Phase 1 Operable Unit 1
GWMP Update	Second Semi-Annual 2015 Groundwater Monitoring Report and Groundwater Monitoring Plan Update
GWMR	Groundwater Monitoring Report
Haley & Aldrich	Haley & Aldrich, Inc.
HiPOX	Advanced Oxidation Treatment system
HWA	Hard Wash Area
IWDP	Industrial Wastewater Discharge Permit
LACSD	Los Angeles County Sanitation District
LARWQCB	Los Angeles Regional Water Quality Control Board
LGAC	liquid phase granular activated carbon
mS/cm	milliSiemens per centimeter
mV	millivolts
MNA	monitored natural attenuation
MNA Work Plan	Monitored Natural Attenuation Assessment Work Plan
NAVD88	North American Vertical Datum of 1988
NPL	Superfund National Priorities List
NTU	Nephelometric Turbidity Units

List of Acronyms and Abbreviations
(continued)

ORP	oxidation-reduction potential
OU1 or OU2	Operable Unit 1 or Operable Unit 2
PCE	tetrachloroethene
PER	Performance Evaluation Report
QA/QC	Quality assurance/quality control
RA	Remedial Action
RAA	Remedial Action Area
Redox	oxidation-reduction
ROD	Record of Decision for Cooper Drum Company Superfund Site
SAIA	Southern Avenue Industrial Area
SAP	Sampling and Analysis Plan (Field Sampling Plan and Quality Assurance Project Plan) for Groundwater Sampling, Operable Unit 1
scfm	standard cubic feet per minute
SCAQMD	Southern California Air Quality Management District
SEC	specific electrical conductance
Site	the Cooper Drum Company Superfund Site
SVE	soil vapor extraction
SVMP	Final Soil-Vapor Monitoring Plan for Phase I Operable Unit 2
TCE	trichloroethene
tDCE	trans-1,2-dichloroethene
TDS	total dissolved solids
the Property	a 2.4-acre portion of the Site
VC	vinyl chloride
VFD	variable frequency drive
VOC	volatile organic compound
VPs	vapor monitoring points
WDR	Waste Discharge Requirements

1. Introduction

Haley & Aldrich, Inc., (Haley & Aldrich) prepared this Combined Groundwater Monitoring and Performance Evaluation Report (PER) on behalf of the Cooper Drum Cooperating Parties Group (CDCPG). This PER was prepared in accordance with the Statement of Work of the Consent Decree (Consent Decree) entered by the United States District Court Central District of California, Western Division, Case 2:15-cv-09931 on 20 April 2016 for the Cooper Drum Company Superfund Site, at 9313 Rayo Avenue (formerly 9316 South Atlantic Avenue) in South Gate, California (the Site; Figure 1). Previously two separate documents: a Groundwater Monitoring Report (GWMR) that described the results of the groundwater monitoring program, and a Performance Evaluation Report that described the results of the soil vapor sampling program and the performance of the Operable Unit 1 (OU1) and Operable Unit 2 (OU2) remedial actions were submitted. The PER and GWMR reports had several duplicative sections and now are combined into a single report to streamline the reporting process following approval from the U.S. Environmental Protection Agency (EPA) in a telephone conversation on 24 October 2017 and meeting on 16 November 2018. This PER summarizes groundwater monitoring, vapor monitoring, and remediation performance for OU1 and OU2 during the second semi-annual 2017 reporting period. At the time of preparation of this report, EPA had not provided comments on the First Semi-Annual 2017 PER and GWMR (Haley & Aldrich, 2017a,b; Appendix A).

Two Remedial Action Areas (RAAs) constitute the OU1 Remedial Action (RA). The Phase I RAA includes the Property and the downgradient area north of Southern Avenue (Figure 3). The Phase II RAA includes the area south of Southern Avenue and north of the McCallum Avenue. The Phase I RAA consists of groundwater extraction (GWE) from the Gaspur aquifer and is described in the following documents:

- "Final Remedial Action Work Plan for Phase 1 Operable Unit 1" (AMEC, 2010), approved by the EPA in draft form on 24 March 2010 subject to modifications that included conducting an investigation for sighting off-Site extraction wells, to be provided in a follow-up submittal (addendum).
- "Final Addendum to the Final Remedial Action Work Plan for Phase 1 Operable Unit 1" (AMEC 2011a), approved by the EPA on 11 May 2011.
- "Final Groundwater Monitoring Plan for Phase 1 Operable Unit 1" ([GWMP]; AMEC 2011b), approved by the EPA on 11 May 2011.
- "Sampling and Analysis Plan (Field Sampling Plan and Quality Assurance Project Plan) for Groundwater Sampling, Operable Unit 1" ([SAP]; AMEC, 2011f)
- "Proposed Modifications to Off-Site Extraction Well Network" (AMEC, 2012), approved by the EPA on 10 July 2012.
- On behalf of CDCPG, a Technical Memorandum was submitted to EPA on 16 May 2014 (Haley & Aldrich, 2014a) to document the basis for modifying the design of the GWE well network and conveyance piping. The modifications included:
  - Replacing wells MW-15 and EW-8 with an extraction well (EW-A) drilled at a 45-degree angle from vertical, starting at the southeastern corner of the Site and terminating below the eastern side of Rayo Avenue;
  - Completing two horizontal directional bores that originate on the Site and travel beneath Rayo Avenue to extraction wells EW-5, EW-7A, and EW-7B; and

- Retaining wells MW-15 and EW-8 to use as monitoring wells.

EPA approved the Technical Memorandum on 6 June 2014. Draft plans for the conveyance piping to be installed across Rayo Avenue using directional drilling methods were submitted to the City of South Gate (City) on 6 June 2014 and approved on 10 June 2014. The license agreement between the CDCPG and the City for constructing the conveyance piping was adopted by the City Council on 25 November 2014.

The construction of the angled extraction well (EW-A), two horizontal directional bores, and associated piping and electrical work was completed in April through July 2015. Extraction well testing and a hydraulic test were completed in the fourth quarter 2015 and extraction wells EW-A, EW-5, EW-7A, and EW-7B were brought online in November 2015.

A Technical Memorandum was submitted to EPA on 28 July 2014 on behalf of CDCPG to document the background, description, and technical basis for removing the Advanced Oxidation (HiPOX) treatment system from the Site (Haley & Aldrich, 2014b). EPA agreed to the proposed changes to the treatment system and the HiPOX system was removed from the groundwater treatment system on 30 July 2014. EPA approved the Technical Memorandum on 18 November 2014.

In accordance with the Consent Decree, a two-year Monitored Natural Attenuation (MNA) evaluation program is currently underway for the Phase II RAA to evaluate the feasibility of MNA. The MNA evaluation will be detailed in a forthcoming technical memorandum to be submitted by July 2018. The MNA evaluation program is described in the following documents:

- "Monitored Natural Attenuation Assessment Work Plan" ([MNA Work Plan]; AMEC, 2011e).
- "Second Semi-Annual 2015 Groundwater Monitoring Report and Groundwater Monitoring Plan Update" ([GWMP Update]; Haley & Aldrich, 2016a)

The RA for OU2 consists of soil vapor extraction (SVE) and dual-phase extraction (DPE) and is described in the following documents:

- "Final Remedial Action Work Plan for Phase 1 Operable Unit 2" (AMEC, 2009), approved by the EPA on 26 February 2010.
- "Final Addendum to the Final Remedial Action Work Plan for Phase 1 Operable Unit 2" (AMEC, 2011c), approved by the EPA on 21 February 2011.
- "Final Soil Vapor Monitoring Plan for Phase 1 Operable Unit 2" ([SVMP]; AMEC, 2011d), approved by the EPA on 21 February 2011.

The organization and general content of this report is summarized below:

- Section 1 (Introduction) presents general project information and report organization.
- Section 2 (Background) summarizes background information relevant to the report.
- Section 3 (Description of Remedial Actions) describes the components and operation of the OU1 and OU2 RAs.
- Section 4 (Performance Monitoring) describes the performance monitoring programs for OU1 and OU2.

- Section 5 (OU1 System Performance Evaluation) evaluates the groundwater monitoring results and performance of the OU1 RA.
- Section 6 (OU2 System Performance Evaluation) evaluates the soil vapor monitoring results and performance of the OU2 RA.
- Section 7 (Performance Summary and Recommendations) includes a summary of OU1 and OU2 RA performance, recommendations for modifying the operational strategy for the OU1 or OU2 RA (if applicable), and a summary of planned activities for 2018.
- Field sampling records, laboratory analytical data, concentration trend charts, and other supporting data are included as appendices.

2. Background

The Site includes a 2.4-acre portion of land (the Property) formerly occupied by the Cooper Drum Company where soil and groundwater remediation is being performed (Figure 1). Land surface is relatively flat at an approximate elevation of 105 feet above mean sea level. The Property was formerly used to recondition 55-gallon drums. Figure 2 shows the locations of the former Hard Wash Area (HWA) and former Drum Processing Area (DPA). Drums were washed, and the wastes collected at the former HWA in the northeastern portion of the Property; reconditioning operations were later moved from the HWA to the DPA in the central portion of the Property. Only the vacant DPA structure remains at the Property.

In June 2001, the EPA added the Site to the Superfund National Priorities List (NPL) of hazardous wastes sites requiring remedial action. The Record of Decision (ROD), dated 27 September 2002, defined the remedial action and divided the Site into two Operable Units, as follows.

- OU1 is limited to groundwater containing Site-related chemicals of concern (COCs) within the Gaspur aquifer, between depths of approximately 57 feet and 115 feet below ground surface (bgs).
- OU2 is limited to Site-related COCs in unsaturated soil (vadose zone) and saturated soil (perched groundwater) overlying a portion of OU1.

Two other NPL sites are nearby: The Jervis B. Webb and Southern Avenue Industrial Area (SAIA) Superfund sites. These site locations are shown in Figure 1.

2.1 GEOLOGIC AND HYDROGEOLOGIC CONDITIONS

The geologic and hydrogeologic conditions at the Site may be briefly described as follows:

- OU2 comprises the unsaturated predominantly fine-grained sediments of the Bellflower aquiclude and perched groundwater within that same unit. (Note that the term "aquiclude" is used in this report for consistency with historical reports, including California Department of Water Resources ([DWR]; 1961); however, the term "aquitard" is more appropriate based on the physical characteristics of this unit observed near the Site). The Bellflower aquiclude includes multiple coarse-grained intervals targeted for remediation.
- The Bellflower aquiclude extends from ground surface to a depth of approximately 57 feet bgs, where it contacts the Gaspur aquifer. The Bellflower aquiclude is composed primarily of recent floodplain and aeolian deposits of clay and silt (DWR, 1961).
- A prominent layer of silty sand that has historically contained perched groundwater exists within the Bellflower aquiclude between approximately 32 and 40 feet bgs; perched groundwater has also been encountered in deeper sand zones to depths of approximately 48 feet bgs but has generally been absent since 2015.
- OU1 is contained entirely within the Gaspur aquifer.
- The Gaspur aquifer (OU1) comprises a heterogeneous package of alluvial sands, gravels, silts, and clays associated with sedimentation along the ancestral Los Angeles River (DWR, 1961).

- The base of the Gaspur aquifer near the Site is interpreted to lie at depths between 110 and 115 feet bgs.
- The Gaspur aquifer has been divided into three depth intervals for the groundwater monitoring program, herein referred to as the shallow Gaspur, intermediate Gaspur, and lower Gaspur aquifer.
- The potentiometric surface for OU1 occurs at approximately 60 feet bgs and has been interpreted to slope toward the south in the Gaspur aquifer.
- The Exposition aquifer is encountered at a depth of approximately 120 to 122 feet bgs near the Site and appears to be hydraulically separated from the overlying Gaspur aquifer by a layer of low permeability fine-grained soils.

2.2 CHEMICALS OF CONCERN AND CLEANUP GOALS

The COCs for soil gas (OU2) are tetrachloroethene (PCE), trichloroethene (TCE), cis-1,2-dichloroethene (cDCE), trans-1,2-dichloroethene (tDCE), 1,1-dichloroethane (1,1-DCA), 1,2-dichloroethane (1,2-DCA), vinyl chloride (VC), 1,1-dichloroethene, 1,2-dichloropropane, 1,2,3-trichloropropane, and benzene. For remediation purposes, the same COCs apply to OU1 groundwater with the addition of 1,4-dioxane. Cleanup levels for each COC are included in Table I. Many of the same COCs impacting groundwater near the Site are the same as those associated with former releases at nearby sites including the Jervis B. Webb and SAIA sites (e.g. TCE, cDCE, 1,4-dioxane, 1,1-DCA and 1,2-DCA). The former releases at these nearby sites may have contributed to groundwater impacts at and downgradient of the Site.

The ROD specifies that soil gas cleanup goals are to be determined based on transport modeling. Haley & Aldrich completed the modeling (with VLEACH model and Johnson & Ettinger model) and developed Site-specific cleanup goals for soil gas based on risk to groundwater and indoor air receptors. This report, entitled "Soil Gas Cleanup Levels" was submitted to EPA on 20 February 2013 (Haley & Aldrich, 2013). The proposed Site-specific soil gas cleanup goals have not been formally approved by EPA; but, as suggested by EPA in its comment on the First Semi-Annual 2014 Performance Evaluation Report (EPA, 2015a), the 2013 Site-specific soil gas cleanup goals are appropriate for use as interim cleanup goals. These interim soil gas cleanup goals are included in Table I.

During a meeting on 18 August 2015, EPA indicated that it would not accept the Site-specific soil gas cleanup goals as final soil gas cleanup goals. Instead, EPA's new default soil gas screening levels for industrial (on-Property) and residential (off-Property) land use, which were not available when the ROD was finalized, are preferred by EPA as final cleanup goals for soil gas. For comparison, these new, non-Site-specific EPA soil gas screening levels are also included in Table I. The soil gas screening levels were calculated by dividing EPA's recommended default soil gas to indoor air attenuation factor (0.03; EPA, 2015b) by the indoor air Regional Screening Levels for residential and industrial land use (EPA, 2015c). In September 2017, EPA released an updated version of the Johnson and Ettinger model. CDCPG plans to update the 2013 Site-specific soil gas cleanup goals using the new model.

3. Description of Remedial Actions

The following sections describe the major components and operations associated with the OU1 and OU2 RAs.

3.1 OU1 REMEDIAL ACTION

As described above, OU1 includes two RAAs. Groundwater extraction (GWE) from the Gaspur aquifer is ongoing in the Phase I RAA. An Aerobic Cometabolic Biodegradation (ACB) pilot test involving groundwater re-injection is also planned for the Phase I RAA. In accordance with the Consent Decree, a two-year evaluation period is currently underway to evaluate the feasibility of MNA for the Phase II RAA; this period ends in June 2018 with the second quarter groundwater monitoring event. The OU1 groundwater monitoring wells, the GWE system, ACB pilot test, and the MNA evaluation program are described in the following sections.

3.1.1 OU1 Monitoring Well Network

The monitoring well network summarized in Table II and shown on Figure 3 includes 72 monitoring wells. The groundwater monitoring network has been divided into three areas as defined in the Consent Decree and shown on Figure 3. The up- and cross-gradient area includes monitoring wells located north and northeast of the HWA, near the up-gradient boundary of the Site. The Phase 1 OU1 RAA includes monitoring wells north of Southern Avenue, and the Phase 2 OU1 RAA includes monitoring wells on and south of Southern Avenue to McCallum Avenue (Figure 3). Monitoring wells screened in the Exposition aquifer monitor groundwater below OU1 (i.e. OU1 groundwater is limited to the Gaspur aquifer).

The EPA previously installed 20 monitoring wells for the SAIA Superfund site (SAIA-MW-01A/B/C, SAIA-MW-02A/B/C, SAIA-MW-03A/B/C, SAIA-MW-04A/B/C, SAIA-MW-05A/B/C, SAIA-MW-06A/B/C, SAIA-MW-07, and SAIA-MW-08), as shown on Figure 3, and has conducted monitoring of those wells.

In accordance with the Groundwater Monitoring Plan (GWMP; AMEC, 2011b), all accessible monitoring wells in the network are gauged on a semi-annual basis to assess the prevailing groundwater flow direction and hydraulic gradients. Of the 72 monitoring wells, 41 were in an area within or proximal to the anticipated area of influence of the groundwater extraction well network after extraction was initiated. These monitoring wells are considered important for monitoring the progress of remediation and are sampled on a semi-annual basis (Table II). The sampling frequency for these wells may change to annual or semi-annual if the concentrations of COCs decrease to below cleanup levels for two consecutive events or increase above cleanup levels, respectively, in accordance with the GWMP. As of the first semi-annual 2017 event, eight monitoring wells are sampled on an annual basis, conducted during the second semi-annual event, as described in the GWMP (AMEC, 2011b). As requested by the EPA, the monitoring effort has been augmented to monitor groundwater quality in monitoring wells MW-30 through MW-40 semi-annually during the MNA period (AMEC, 2011e). The sampling frequency for each well, as described in the update to the GWMP (Haley & Aldrich, 2016a), is listed in Table II.

3.1.2 Groundwater Extraction System

The GWE consists of two primary components: a network of GWE wells and an aboveground treatment system. These two components are detailed in the following sections.

3.1.2.1 *Groundwater Extraction Wells*

The latest EPA-approved configuration of the OU1 GWE well network includes six extraction locations at various depths within the Gaspur aquifer. Two GWE wells, EW-2 and EW-4, are installed on the Property near the HWA and DPA, respectively. Extraction well EW-A was installed on 26 March 2015 at a 45-degree angle from vertical, starting at the southeastern corner of the Property and terminating below the eastern side of Rayo Avenue.

The other three GWE wells (EW-5, EW-7A, and EW-7B) were installed between 24 October 2012 and 31 October 2012 and are located across Rayo Avenue. Well locations and a construction summary of existing wells are included in Figure 3 and Table II, respectively. These wells were connected to the treatment system through two horizontal directional bores originating on the Property and traveling beneath Rayo Avenue in May and June 2015.

Hydraulic testing of extraction wells EW-A, EW-5, EW-7A and EW-7B was completed in September and October 2015. These extraction wells were brought online on 8 November 2015. A construction inspection meeting was held with EPA on 10 November 2015. During the meeting, preliminary GWE rates were presented based on a numerical groundwater flow model. The preliminary modeling results indicated that a total groundwater flow rate of 11 gallons per minute (gpm) for all six operating extraction wells would provide adequate hydraulic containment.

3.1.2.2 *Groundwater Treatment System*

Prior to July 2014, extracted groundwater was routed to two 1,000-gallon equalization tanks and then passed through two bag filter units to remove solids, followed by treatment with an advanced oxidation system that used ozone and hydrogen peroxide to oxidize COCs (HiPOX unit). Residual COCs in the effluent from the HiPOX unit were removed with two 3,000-pound liquid phase granular activated carbon (LGAC) vessels in series. Treated water was discharged to the sanitary sewer in accordance with the Industrial Wastewater Discharge Permit (IWDP) approved by the Los Angeles County Sanitation District (LACSD) on 22 March 2012. The IWDP specified a maximum average discharge rate of 14,400 gallons per day (gpd) and a peak flow rate of 28 gpm. On 1 February 2013, LACSD approved a modification to the IWDP to increase the discharge capacity to 50,400 gpd with a 50 gpm peak flow rate.

The HiPOX was disconnected from the treatment system in July 2014 with EPA approval. All recovered soil vapor condensate and extracted perched groundwater has been routed to the LGAC vessels for treatment prior to discharge to the sewer; perched groundwater has not been produced since early 2016 when the perched zone became completely dewatered. Groundwater pumped from OU1 GWE wells (EW-2, EW-4, EW-5, EW-7A, EW-7B, and EW-A) is routed to a 1,000-gallon holding tank and then discharged to the sewer.

A revised IWDP reflecting changes to the treatment process and a decreased discharge rate was issued on 27 October 2014 and is included in Appendix B. The revised IWDP specifies a maximum average discharge rate of 14,400 gpd and a peak flow rate of 35 gpm. Discharge to the sanitary sewer is performed in accordance with the IWDPs as approved by LACSD.

3.1.2.3 Groundwater Extraction Operation Summary

Substantive events regarding the operation of the GWE system occurred on the following dates:

- 16 July 2012: GWE well EW-2 was brought online and began pumping intermittently at rates up to approximately 10 gpm, which was the limit of the original IWDP.
- 12 February 2013: GWE well EW-4 was brought online at approximately 8 gpm, and the extraction rate at GWE well EW-2 was increased to approximately 27 gpm. The system was operated under a revised IWDP permit with a discharge limit of 35 gpm.
- 24 July 2014: the pumping rates at GWE wells EW-2 and EW-4 were reduced to approximately 7 gpm and 3 gpm, respectively. The groundwater flow modeling performed in the OU1 Remedial Action Work Plan Addendum recommended scaling back pumping at extraction wells EW-2 and EW-4 after approximately 10.4 million gallons of groundwater were extracted (AMEC, 2011a). The 10.4 million gallons of groundwater were recovered from the Gaspur aquifer by June 2014.
- 14 November 2015: pumping at the new GWE wells EW-5, EW-7A, EW-7B, and EW-A began. The target extraction rates for EW-2, EW-4, EW-5, EW-7A, EW-7B, and EW-A have been 1.0, 1.0, 1.5, 2.5, 3.5, and 1.5 gpm respectively since November 2015.

3.1.3 Aerobic Cometabolic Biodegradation Pilot Study

The Consent Decree states that within 6 months of entering the Consent Decree, the CDCPG will assess the criteria for meeting the substantive requirements of the Los Angeles Regional Water Quality Control Board (LARWQCB) Waste Discharge Requirements (WDR) for reinjection of treated groundwater. If feasible and consistent with substantive requirements of the WDR permit, a portion of the treated groundwater from OU1 may be discharged via reinjection. The feasibility of reinjection is to be determined within one year of entry of the Consent Decree (i.e. by 20 April 2017).

CDCPG met with EPA on 7 December 2016 and discussed the feasibility of reinjection. It was agreed that reinjection of treated groundwater could be technically feasible and conducted in accordance with substantive requirements; however, there was some uncertainty on how to proceed with reinjection in a manner that could expedite Site cleanup. CDCPG recommended completing a pilot test in 2017 to assess the feasibility of focused reinjection in areas with higher COC concentrations while adding amendment to promote in situ degradation of COCs. EPA agreed with this path forward and an ACB Pilot Test Work Plan was submitted to EPA on 20 April 2017 (Haley & Aldrich, 2017c). The ACB Work plan was approved by EPA in an email dated 15 September 2017.

ACB is the fortuitous breakdown of contaminants by enzymes or cofactors that are produced during microbial metabolism of another compound and oxygen. The proposed pilot test includes groundwater extraction, where extracted groundwater will be passed through two, 3,000-pound LGAC vessels and then amended with propane, oxygen, and/or hydrogen peroxide, followed by reinjection to stimulate in situ ACB of COCs.

3.1.4 Monitored Natural Attenuation Evaluation Program

The MNA evaluation program is described in AMEC (2011e) and Haley & Aldrich (2016a). Although the two-year program officially began in June 2016 with the first groundwater monitoring event following entry of the Consent Decree, MNA sampling began in 2011. MNA sampling has included sample collection and analysis of the following parameter groups:

- **Geochemistry** – geochemical analysis of groundwater samples has included redox sensitive anions (nitrate, sulfate) and cations (ferrous iron and divalent manganese), total organic carbon, and alkalinity.
- **Dissolved Gases** – dissolved gas analysis of groundwater samples for methane, ethane, and ethene.
- **Microbiological** – microbiological sampling has included BER DNA Array and a CENSUS-DNA analyses of select groundwater samples. The BER DNA Array package is a presence/absence screening tool for 150 known contaminant degraders. The CENSUS-DNA package is a quantitative analysis of different microorganisms and functional genes associated with the degradation of various Site COCs.
- **Compound Specific Isotope Analysis (CSIA)** – CSIA of groundwater samples provides direct evidence of COC degradation by analyzing ratios of different carbon, hydrogen, and chlorine isotopes associated with certain Site COCs.
- **Abiotic Testing** – Soil samples were collected from select soil borings and analyzed or magnetic susceptibility. Magnetic susceptibility can be correlated with magnetite mineral content which can abiotically degrade certain Site COCs.

MNA samples were collected from six wells in the Phase II RAA and from two additional wells in the Phase I RAA for comparison purposes. The results of the MNA evaluation will be documented in a technical memorandum to be submitted as part of the First Semi-Annual 2018 Performance Evaluation Report.

3.2 OU2 REMEDIAL ACTION

The OU2 RA includes three major components: 1) a vapor extraction and treatment system, 2) a network of SVE and DPE wells, and 3) a network of vapor monitoring wells and piezometers. These components are described below.

3.2.1 Vapor Extraction and Treatment System

A blower is used for vapor recovery from the SVE/DPE well network. Blower exhaust is directed to a knockout tank to remove condensate, then two 2,000-pound vapor phase granular activated carbon vessels connected in series are used to remove the volatile organic compounds (VOCs) from the vapor stream prior to discharge to the atmosphere. The South Coast Air Quality Management District (SCAQMD) declined to provide Site-specific substantive requirements for the vapor treatment system but did provide a permit issued for a similar size vapor treatment system operating at 500 standard cubic feet per minute (scfm) that was used to develop monitoring parameters, monitoring frequency, and exhaust limits.

The 500 scfm blower skid and associated substantive requirements were replaced during the reporting period with a larger 1200 scfm blower that has an active Various Locations Permit (Appendix C). This Various Locations Permit provides a basis for the substantive requirements associated with operating the 1200 scfm blower. The new blower came online 4 October 2017 and allowed for operating the SVE system at higher wellhead vacuums and air flow rates.

3.2.2 Network of SVE and DPE Wells

Soil vapor is extracted by directing the vacuum from the blower to 10 SVE wells (SVE-3 through SVE-12), generally constructed with well screen from approximately 10 to 30 feet bgs, and 14 DPE wells (DPE-1 through DPE-14), generally screened from approximately 30 to 48 feet bgs, except for DPE-1 and DPE-7 which are screened from 8 feet bgs to 43 and 48 feet bgs respectively. Perched groundwater, if present, is extracted from each DPE well using a bottom-loading, pneumatically operated submersible pump connected to tubing installed within the vacuum conveyance line to provide secondary containment. The HWA extraction well network consists of six SVE and 11 DPE wells; the DPA extraction network consists of four SVE wells and three DPE wells. SVE and DPE well locations are shown in Figure 2. Well construction information is included in Table III.

3.2.3 Network of Vapor Monitoring Wells and Piezometers

A network of multi-level monitoring devices (continuous multichannel tubing [CMT] wells) and two piezometers installed within the Bellflower aquiclude are used to monitor COC concentrations in soil gas and perched groundwater elevation. The CMT wells have either three or seven depth-discrete sampling ports. Vapor monitoring points (VPs) VP-5 and VP-6 are three-port CMTs and have sampling ports at approximately 10, 20, and 30 feet bgs designated as A, B, and C, respectively. In the seven-port CMTs, the upper four sampling ports (ports A, B, C, and D) are used to monitor soil vapor at depths of approximately 10, 20, 30, and 35 feet bgs. Vapor monitoring points VP-7 through VP-15 are 7-channel CMT wells.

Perched groundwater elevations are measured using two piezometers (PZ-5 and PZ-6) and sampling ports D, E, F, and G of VP-7 through VP-15. The D and E ports are in the upper perched zone (approximately 35 to 40 feet bgs), while ports F and G are in the lower perched zone (approximately 42 to 48 feet bgs). Figure 2 shows the locations of the vapor monitoring points. Well construction information is summarized in Table III.

3.2.4 OU2 Operation Summary

The operational history for the OU2 RA (SVE/DPE) is summarized in Table IV. Substantive events regarding the startup and initial operation of the OU2 RA include:

- February 2011: The SVE system began operating with 10 SVE/DPE wells (SVE-3 to SVE-10 and DPE-1 and DPE-7) operating with vapor recovery only (i.e., no perched groundwater recovery at this time).
- September 2011: Vapor recovery ceased at DPE-1 and DPE-7 when these wells were retrofitted for perched groundwater recovery.

- October 2011: SVE wells SVE-11 and SVE-12, located south of the Property, were connected to the vapor treatment system after access was granted by the landowner (Los Angeles Unified School District).
- April 2012: Vapor and perched groundwater recovery was initiated at DPE wells DPE-1 through DPE-14.

Beginning in September 2013, different optimization efforts have been implemented to try to improve COC mass recovery rates and reduce COC concentrations in the VPs. These efforts are summarized in Table IV and have included:

- **Focused Extraction:** Wells with low COC mass removal rates are temporarily closed to direct blower capacity to wells with higher COC mass removal rates.
- **Venting:** Select extraction wells are converted to vent wells by opening the wellhead to the atmosphere. The objective of this optimization step is to increase air-flow through the treatment zone.
- **Cyclical Operation:** This involves turning groups of extraction wells on for fixed duration extraction cycles (e.g. one week) following by a fixed-duration rebound period (e.g. three weeks). The objective of cyclical operation is twofold: one, operating a smaller number of wells allocates more blower capacity to the individual wells; second, the rebound period would allow time for COC mass to diffuse out of lower permeability zones into higher permeability zones where it could be more easily extracted using the SVE system.

A focused extraction program was implemented when the new blower came online 4 October 2017. At startup, all the DPE wells were open to vacuum[1]. Based on monitoring of COC concentrations at individual DPE wells, DPE wells were temporarily closed from vacuum when mass recovery declined to approximately 1 percent of the total mass removal rate to increase vacuum at DPE wells with higher mass recovery rates. Historically, this operational strategy has resulted in the largest increases in mass removal rates and it was therefore desirable to repeat this strategy with the new, larger blower.

The first phase of temporary DPE wells shutdown occurred on 15 November 2017 and included DPE-9 and DPE-11. The second phase of temporary shutdown occurred on 13 December 2017 and included DPE-4, DPE-8, DPE-10, and DPE-13.

[1] Historically, when DPE wells and SVE wells have been operating at the same time, the DPE wells have accounted for the vast majority of mass removal.

4. Performance Monitoring

Sampling and monitoring activities were completed in accordance with the "Final Soil Vapor Monitoring Plan" (AMEC, 2011d), the GWMP (AMEC, 2011b), and the "Sampling and Analysis Plan for Soil Vapor Monitoring" (AMEC, 2011f). Sampling and data validation activities are described in the following sections.

4.1 SOIL VAPOR MONITORING

Soil vapor samples were collected from all on-Property VPs on 27 September 2017 prior to startup of the SVE system with the new, larger blower on 4 October 2017. A second round of VP samples was collected on Monday, 11 December 2017. Prior to collecting the December samples, the SVE system was temporarily turned off on the previous Friday (8 December 2017) before the Monday (11 December 2017) sampling. This was done to minimize potential flow-dynamic-biases associated with collecting samples while the system was running.

During the SVE program, sampling of active extraction wells and the treatment system inlet (combined flow from all active wells) was completed in order to determine when individual wells should be turned off. Sampling was conducted at the following intervals: startup, one week, three weeks, five weeks, eight weeks, ten weeks and twelve weeks.

Vapor samples were submitted to American Analytics, Inc. (American Analytics) for analysis of VOCs using EPA Method TO-15. Laboratory results for the DPE, SVE, and VPs are summarized in Table V; vapor treatment system sampling results are summarized in Table VI; and laboratory analytical reports are included in Appendix D.

4.2 GROUNDWATER MONITORING

Groundwater monitoring was conducted on 4 December 2017 through 8 December 2017 in accordance with the GWMP, SAP, MNA Work Plan, and the GWMP Update (AMEC, 2011b, AMEC, 2011e, AMEC, Haley & Aldrich, 2016a). The GWMP Update included monitoring of Exposition monitoring wells MW-26 and MW-32 and identified the MNA analyses to be performed during the two-year MNA period.

Haley & Aldrich retained Blaine Tech Services, Inc. (Blaine Tech) to gauge and sample the monitoring wells. The well gauging was completed on 4 December 2017; sampling was performed between 5 and 8 December 2017 using low-flow purging methods in accordance with the GWMP and the SAP. All groundwater monitoring wells listed with a semi-annual or annual monitoring frequency (Table II) were sampled during the monitoring event except for MW-2A and MW-59A due to insufficient groundwater in those wells.

Well gauging was conducted using an electronic water-level indicator (sounder). Water quality parameters, including dissolved oxygen, oxidation-reduction (redox) potential (ORP), temperature, pH, specific electrical conductance (SEC), and turbidity were monitored in the field using a multi-probe meter and recorded during purging and prior to sampling each well. Groundwater samples were collected, labeled, placed in an ice-filled cooler, and shipped to American Analytics, a California certified laboratory, for VOC analysis using EPA Method 8260B and for 1,4-dioxane using EPA Method 8270C-isotope dilution. Groundwater samples were also collected from monitoring wells MW-4, MW-20,

MW-21, MW-22, MW-23, MW-28, MW-30, MW-33A, MW-37, MW-61A, EW-A, EW-2, EW-5, and EW-7B for CSIA of 1,4-dioxane at the University of Waterloo.

Purged groundwater and decontamination water generated during the sampling event were temporarily stored in 55-gallon drums and transferred to the on-Property water treatment system. Quality assurance/quality control (QA/QC) procedures were followed during sampling activities in accordance with the SAP (AMEC, 2011f). Groundwater elevations, water quality parameters, and analytical results are summarized in Tables VII through IX, respectively. Groundwater monitoring, well gauging, and sampling field records are included as Appendix E; laboratory reports are included as Appendix D. The results of this sampling event are discussed in Section 5.

Perched groundwater elevations were measured on a quarterly basis during this reporting period and are included in Table X. Groundwater sample collection was attempted from all DPE wells in March 2017 and June 2017. None of the DPE wells had sufficient water to collect a sample for laboratory analysis. Historical OU2 groundwater sampling data is included in Table XI.

Water samples have historically been collected at the influent, mid-stream, and effluent of the groundwater treatment system. Because the perched zone has been effectively dewatered however, no groundwater was extracted from the perched zone during the reporting period and therefore no treatment system samples were collected. Historical analytical results for groundwater treatment system samples are provided in Table XII.

4.3 REMEDIATION FIELD MEASUREMENTS

The vapor and groundwater treatment systems are inspected weekly. Flow rates, inlet concentrations, and estimated mass removal rates for the vapor treatment system are summarized in Table XIII. Combined flow rates, inlet concentrations, and estimated mass removal rates for the groundwater treatment system are summarized in Table XIV.

During weekly inspections, the following information is collected from SVE and DPE wells that are operational:

- Wellhead vacuum using a digital manometer.
- Air flow rate using a handheld digital velocity meter.
- Total VOC concentration using a handheld photoionization detector calibrated to 50 parts per million by volume hexane.

Field measurements for the vapor treatment system, SVE wells, and DPE wells are included in Appendix F. Flow totals and estimated flow rates for the OU1 groundwater extraction wells are also summarized in Appendix F.

4.4 SUMMARY OF ANALYTICAL DATA QUALITY REVIEW

During this reporting period, 174 quarterly soil gas samples, 13 OU2 soil vapor treatment system samples, 12 OU1 groundwater treatment system samples, and 66 groundwater semi-annual samples (plus 8 duplicate samples, 8 equipment blanks, two field blanks, and 5 trip blanks) were collected and analyzed. Haley & Aldrich performed an EPA Region 9 Tier 2 data quality review on these samples, and

an EPA Region 9, Tier 3 data quality review on 10% of the OU1 semi-annual sample data. A total of 15,869 data records were evaluated during the data quality review. Qualifiers "J" or "UJ" were applied to 178 data records (1.1 percent) as estimated values. The details of the data quality evaluation are described in Appendix G and summarized in Table XV. Overall, the data generated during the second semi-annual 2017 performance monitoring events are acceptable and suitable for decision-making purposes.

5. OU1 Performance Evaluation

This section discusses performance monitoring for the OU1 RA.

5.1 GROUNDWATER EXTRACTION SYSTEM

System Uptime: Groundwater extraction system uptime for this period was 100 percent. System uptime was calculated by dividing the cumulative pump operating hours by the total number of hours in the 6-month reporting period.

Treatment Efficiency: Groundwater pumped from GWE wells (EW-2, EW-4, EW-5, EW-7A, EW-7B, and EW-A) was routed into a 1,000-gallon holding tank, which was then discharged to the sewer. As shown in Table XII, COC concentrations discharged to the sewer system were below IWDP limits, indicating compliance with the IWDP requirements.

Flow Rates: The average extraction flow rates from July through December are provided in Appendix F. Total extraction rates were measured using a totalizer and represent the combined flow rate for all six operating extraction wells. The flowmeter measuring total extraction rates was replaced in November 2016. Extraction rates for each extraction well were measured using in-line flowmeters at each wellhead. To improve the accuracy of flow rate measurements, the flowmeters were replaced in March 2016 with units designed for smaller flow rates.

5.2 GROUNDWATER DEPTH AND ELEVATION

Groundwater depths in the Shallow, Intermediate, and Lower Gaspur zones were converted to elevations and used to create potentiometric surface maps (Figures 4 through 6). The elevations were calculated based on the depth to groundwater in monitoring wells and the surveyed top-of-casing elevation (feet above North American Vertical Datum of 1988 [NAVD88]; Table III).

Groundwater elevations ranged from 41.37 to 45.78 feet above NAVD 88 in the Shallow Gaspur monitoring wells, 41.37 to 43.86 feet above NAVD88 in Intermediate Gaspur monitoring wells, and 40.88 to 42.69 feet above NAVD88 in Lower Gaspur monitoring wells. Groundwater elevations in Shallow, Intermediate, and Lower Gaspur monitoring wells have decreased by average values of 3.19 feet, 3.26 feet, and 3.13 feet, respectively, since the startup of the modified groundwater extraction system in November 2015.

Groundwater elevations in the Exposition aquifer monitoring wells ranged from 36.05 to 38.15 feet above NAVD88. Since semi-annual groundwater monitoring began in June 2011, water levels have declined by 8 to 12 feet across the entire Site in Gaspur and Exposition aquifer monitoring wells (Table III). In the past 6 months the median decrease in water levels was 0.44 feet. The largest decrease in water levels was a drop of 1.09 feet at monitoring well MW-20. Two monitoring wells screened in the upper portion of the Shallow Gaspur, MW-2A and MW-59A, were dry or had insufficient water in the well casing (less than 0.4 feet) to collect a sample during the December event.

5.3 HYDRAULIC GRADIENT AND FLOW DIRECTION

The potentiometric surface maps for the Shallow, Intermediate, and Lower depth intervals of the Gaspur aquifer are shown on Figures 4, 5, and 6, respectively. The overall trends show a hydraulic gradient direction generally towards the south in the Shallow, Intermediate, and Lower zones of the Gaspur aquifer, consistent with the direction observed in previous groundwater monitoring events. In addition, certain groundwater elevations were not used for potentiometric surface contouring where the elevations were inconsistent with those measured in nearby monitoring wells.

Except for well pairs MW-15/15B, MW-42/43/44, and MW-50/51, all vertical gradients were downward within the Gaspur aquifer and between the Gaspur and Exposition aquifers. The downward gradient within the Gaspur aquifer ranged from 0.04 in well pair MW-33A/33B to 0.057 in well pair MW-4/4B. The average vertical gradients showed little to no difference from the Shallow to the Intermediate Gaspur or from the Intermediate to the Lower Gaspur, indicating that no distinct hydrogeologic units occur within the Gaspur aquifer. However, the average gradient between the Lower Gaspur and the Exposition ranged from 0.18 in well pair MW-15B/16 to 0.22 in well pair MW-31B/32 indicating the presence of a low hydraulic conductivity or confining layer between the Gaspur and the Exposition aquifers.

Consistent with previous monitoring events, the groundwater elevations for the Exposition aquifer monitoring wells did not follow the southerly trend in hydraulic gradient observed for the Gaspur.

The numerical groundwater flow modeling described in the Second Semi-Annual 2015 PER (Haley & Aldrich, 2016a) has shown that capture can be maintained with a total pumping rate of approximately 11 gpm under a variety of different combinations of extraction rates at individual wells. Because the total groundwater extraction rate from startup of the off-Property wells has been 10.8 to 11.7 gpm, it can be inferred that capture has been achieved since startup of the new extraction wells in November 2015. The total extraction rate of 11 gpm is distributed over six extraction wells to allow greater control of the capture area. This results in relatively low extraction rates at each well, which spreads the drawdown over a large area (as opposed to a single well) without a pronounced cone of depression.

5.4 GROUNDWATER MONITORING WELL SAMPLING RESULTS

5.4.1 Water Quality and Redox Parameters

Groundwater quality parameters are summarized in Table VIII and can be described as follows:

- ORP values were less than 0.0 millivolts (mV) in 93 percent of the 61 samples collected from the Gaspur aquifer, with an average value of -102.3 mV. The ORP values greater than 0.0 mV ranged from 11.04 mV to 49.6 mV. This suggests that the Gaspur aquifer is primarily under reducing redox conditions, which is consistent with previous geochemical sampling completed as part of the MNA evaluation program (Haley & Aldrich, 2016b)
- SEC ranged from 1.7 to 9.6 milliSiemens per centimeter (mS/cm), indicating a wide range in total dissolved solids (TDS) content and high TDS in many wells.
- pH ranged from 6.05 to 7.77, which is close to neutral and not inhibitory for naturally occurring biodegradation.

- Turbidity ranged from 2 to 1,000 Nephelometric Turbidity Units (NTUs).
- Temperature ranged from 20.6 to 26.9 degrees Celsius (°C).

5.4.2 Chemicals of Concern Analytical Results

The analytical data for the 12 COCs are summarized in Table IX and concentrations of TCE, cDCE, and 1,4-dioxane are shown on Figures 7 through 10 for the Shallow Gaspur, Intermediate Gaspur, Lower Gaspur, and the Exposition aquifer, respectively. Figures 11 through 13 present the most recent groundwater concentration data versus the maximum historical detected concentrations for TCE, cDCE, and 1,4-dioxane for OU1 monitoring wells located: up-gradient, in the Phase 1 RAA, and in the Phase 2 RAA, respectively. Total COC concentration and COC composition versus time plots for OU1 monitoring wells, from 2006 through June 2017, are included as Appendix H.

Tetrachloroethene (PCE) and 1,2-dichloropropane (1,2-DCP) were not detected above the laboratory reporting limit in any groundwater sample collected during this monitoring event. OU1 COC, 1,2,3-trichloropropane (1,2,3-TCP), was detected above the laboratory reporting limit in only one groundwater sample from monitoring well MW-20 (Table IX). Per the Consent Decree, a cleanup level for 1,4-dioxane has not yet been established and will be determined based on a future decision document promulgated by the EPA or during the first 5-year review for the Site.

COCs detected above cleanup levels in Gaspur aquifer groundwater samples from monitoring wells within and immediately south (downgradient) of the HWA during the second semi-annual 2017 monitoring event include the following, with respective concentrations presented in Table IX:

- MW-2B – cDCE
- MW-20 – TCE, cDCE, 1,1-DCE, tDCE, VC, 1,1-DCA, 1,2-DCA, and 1,2,3-TCP;
- MW-21 – cDCE, 1,1-DCE, tDCE, 1,1-DCA, 1,2-DCA, and VC;
- MW-33A – TCE, cDCE, 1,1-DCE, tDCE, 1,1-DCA, 1,2-DCA, and VC; and
- MW-59C – 1,2-DCA.

TCE, cDCE, and 1,4-dioxane[2] concentrations were reported below laboratory reporting limits and/or their respective cleanup levels in five OU1 monitoring wells, in, and directly south of the HWA (MW-2C, MW-20B, MW-33B, MW-59B, and MW-59C) and 20 other Gaspur aquifer monitoring wells (MW-1, MW-15, MW-17, MW-23A, MW-23B, MW-24, MW-25B, MW-27, MW-29, MW-29A, MW-30, MW-31, MW-31A, MW-35, MW-36, MW-38, MW-57B, MW-60A, MW-61B, and EW-8).

5.4.3 Chemicals of Concern Distribution and Trends

The current dataset is the fifth sampling event since the expanded extraction well system began operation in November 2015. The concentration trend analysis data for OU1 groundwater monitoring wells are summarized in Table XVI and the concentration versus time plots are included as Appendix I.

[2] Cleanup level for 1,4-dioxane to be determined, all samples below laboratory reporting limits for 1,4-dioxane.

5.4.3.1 *Up- and Cross-Gradient Monitoring Wells*

The following observations pertain to groundwater monitoring wells near the up-gradient Phase 1 OU1 RAA as shown in Figure 11:

- Concentrations of cDCE are above the cleanup level in monitoring wells MW-19, MW-23, MW-57A, and MW-58;
- Concentrations of TCE, cDCE, and 1,4-dioxane are generally higher in the Shallow Gaspur than in the Intermediate or Lower Gaspur; and
- Concentrations of 1,4-dioxane currently detected above the laboratory reporting limit range between 1.1 J micrograms per liter (µg/L) and 8.6 µg/L.

As can be seen in Appendix I and Table IX, up-gradient, Shallow Gaspur monitoring wells MW-57A and MW-58 have detections of benzene, among other COCs. A groundwater investigation conducted by the EPA in June and October 2015, summarized in the "Up-gradient Groundwater Monitoring Well Installation Work Plan" (Haley & Aldrich, 2016c), indicated that benzene was detected in a groundwater sample from a CPT boring (JW-CPT11) immediately north and up-gradient of MW-57A and MW-58 in the Shallow Gaspur. This investigation indicated that the continued presence of COCs in up-gradient monitoring wells, including TCE, cDCE, benzene, 1,2-DCA, and 1,4-dioxane, are related to up-gradient sources of COCs that are impacting Site groundwater. An up-gradient CPT investigation and well installation is planned for first half of 2018 and will provide additional information regarding up-gradient sources.

MK and T-S trend analysis data for up- and cross-gradient wells (Table XVI) indicate that there was an increasing trend at MW-23 for TCE, cDCE, and 1,4-dioxane. This is one of only two OU1 monitoring wells at the Site that has an increasing trend for all three COCs.

5.4.3.2 *Phase 1 OU1 Remedial Action Area Monitoring Wells*

The following observations pertain to groundwater monitoring wells in the Phase 1 OU1 RAA as shown in Figure 12:

- The highest concentrations of 1,4-dioxane are observed at monitoring wells MW-20, MW-21, and MW-33A, consistent with previous results, and most other concentrations range between 1 µg/L and 21 µg/L;
- Most concentrations of TCE are below the cleanup level, except monitoring wells MW-20 and MW-33A. Groundwater samples were not collected at MW-2A and MW-59A during this event because the wells were dry or had insufficient water in the well casing to collect a sample;
- Most cDCE concentrations are above the cleanup level, indicating that biotransformation from TCE can explain the low TCE concentrations described above; and
- COCs were not detected above cleanup levels in monitoring wells MW-15 and MW-20B in both wells. These represent historical low concentrations for these monitoring wells.

MK and T-S trend analysis data for Phase 1 OU1 RAA monitoring wells (Table XVI) indicate that increasing trends were observed for TCE, cDCE, and 1,4-dioxane, in approximately 4 percent (one well), 26 percent, and 30 percent of the 27 wells sampled, respectively. The only monitoring well with an increasing trend for TCE in the Phase 1 OU1 RAA was MW-1. Decreasing trends were observed for TCE, cDCE, and 1,4-dioxane,

in approximately 70 percent, 52 percent, and 30 percent of the 27 wells sampled, respectively. No significant trends for TCE, cDCE, or 1,4-dioxane were observed in approximately 26 percent, 22 percent, and 41 percent of the 27 wells sampled, respectively.

5.4.3.3 Phase 2 OU1 Remedial Action Area Monitoring Wells

The following observations pertain to groundwater monitoring wells in the Phase 2 OU1 RAA as shown in Figure 13:

- All concentrations of TCE are below the cleanup level;

  Total COC concentrations at MW-30 decreased from approximately 100 µg/L in June 2017 to less than 10 µg/L in December 2017 (Appendix H, Figure H-28).
- The highest concentrations of cDCE were reported in monitoring wells MW-28, MW-37, and MW-25; all other concentrations of cDCE are below the cleanup level;
- In MW-37 cDCE concentrations decreased from 140 to 62 µg/L and 1,4-dioxane decreased from 15 µg/L to non-detect (<1 µg/L);
- All 1,4-dioxane concentrations are less than 4 µg/L; and
- No COCs were detected in the sample from MW-24, which has not been observed previously.

MK and T-S trend analysis data for Phase 2 OU1 RAA monitoring wells (Table XVI) indicate that increasing trends were observed for cDCE in two of the 10 wells sampled. No monitoring wells in the Phase 2 OU1 RAA exhibited an increasing trend for TCE or 1,4-dioxane. Decreasing trends were observed for TCE, cDCE, and 1,4-dioxane, in 80 percent, 40 percent, and 30 percent of the 10 wells sampled, respectively. No significant trends for TCE, cDCE, or 1,4-dioxane were observed at 20 percent, 40 percent, and 70 percent of the 10 wells sampled, respectively. These results indicate that COC concentrations are decreasing in the Phase 2 OU1 RAA and are supportive of MNA as an effective remedy for groundwater.

5.4.3.4 Exposition Aquifer Monitoring Wells

The only COC detected above cleanup levels in groundwater samples collected from monitoring wells screened in the Exposition aquifer was 1,2-DCA in well MW-16 (Table IX). Concentrations of cDCE, tDCE, and 1,4-dioxane were detected in one or more samples, but below their respective cleanup level. Monitoring well MW-26 had a detection of 1,4-dioxane for the first time since 2012. Monitoring well MW-55 concentrations detected during this sampling event decreased compared to historical events for cDCE, tDCE, 1,1-DCE, 1,1-DCA, 1,2-DCA, benzene, and 1,4-dioxane. Based on the shallow depth and relatively low concentrations of COCs beneath the HWA and DPA, the detections of COCs in the Exposition aquifer are not considered to be Site-related.

5.5 COC CONCENTRATIONS IN EXTRACTION WELLS AND MASS REMOVAL RATE

COC concentrations decreased substantially after startup of pumping at EW-2 (Table XII). The low COC concentrations observed during pumping of extraction well EW-2 (e.g., TCE, cDCE, and 1,4-dioxane concentrations of 0.93 µg/L, 29 µg/L, and 13 µg/L, respectively, in December 2017) indicate that substantial dilution was occurring during pumping, likely due to the much lower concentrations in the deeper and more transmissive intermediate zone of the Gaspur aquifer. Extraction well EW-4 began operating in early February 2013 and COC concentrations at EW-4 have been relatively stable and low

(TCE, cDCE, and 1,4-dioxane concentrations of 0.38J µg/L, 45 µg/L, and 9 µg/L, respectively, in December 2017). EW-4 intercepts the shallow and intermediate depths of the Gaspur aquifer. Extraction wells EW-5, EW-A, EW-7A, and EW-7B began operating in November 2015 and COC concentrations at these wells have been relatively stable and low (Table XII).

The combined cumulative mass removal from OU1 and OU2 groundwater extraction has been approximately 19.1 pounds of COCs from March 2011 through December 2017, after approximately 34 million gallons of groundwater extracted (Table XIV). This mass removal efficiency is low (0.56 pound of COCs removed for every million gallons of groundwater extracted) because COC concentrations were low in the extracted groundwater. Although mass removal is low, the extraction system provides hydraulic containment of COCs that exceed cleanup goals.

5.6 RECOMMENDATIONS FOR OU1

Recommendations for OU1 include:

- It is recommended that groundwater pumping continue with the current system configuration with on- and off-Property extraction wells (EW-2, EW-4, EW-5, EW-7A, EW-7B, and EW-A) operating. Based on the groundwater flow model presented in the Second Semi-Annual 2015 PER (Haley & Aldrich, 2016d), a total extraction rate of 11 gpm is considered to be sufficient for hydraulic containment purposes.
- It is recommended that the ACB pilot test be implemented following receipt of substantive requirements for re-injection of groundwater from the LARWQCB.
- Additional CSIA sampling may be performed during the first 2018 groundwater monitoring event pending the results from the December 2018 samples.
- Per the Consent Decree, an upgradient investigation will be performed to locate three new upgradient monitoring wells for monitoring upgradient groundwater quality in the shallow, intermediate and lower portions of the Gaspur aquifer.

6. OU2 Performance Evaluation

6.1 SOIL VAPOR TREATMENT SYSTEM AND BLOWER

Compliance with Substantive Requirements: Effluent concentrations from the vapor treatment system were below the exhaust limits for Group A and Group B compounds and total non-methane organic compound concentrations during the reporting period.

System Uptime: The SVE system was 100% operational from the time the new blower was installed (4 October 2017) through the end of the reporting period (31 December 2017).

Total Vapor Extraction Rate and Vacuum: The average extraction rate following startup was approximately 600 scfm. This was the maximum flow rate that could be achieved while maintaining a safe operating temperature. The total vapor extraction rate decreased to approximately 400 scfm at the end of the reporting period due to the temporary shutdown of low producing DPE wells. Wellhead vacuums were approximately 85 inches of water at the start of the SVE program, except for DPE-7 DPE-13, and DPE-14, which had vacuums of approximately 110 inches of water. As lower producing wells were temporarily shut down, wellhead vacuums that had initial vacuums of around 85 inches of water increased by approximately 10 inches of water. Vacuums at DPE-7, DPE-13, and DPE-14, which had higher initial vacuums at the beginning of the program, did not increase appreciably with temporary shutdown of lower performing wells.

6.2 COC CONCENTRATION TRENDS AND MASS REMOVAL

Figures 14 through 17 depict soil vapor concentrations in samples collected from VPs before SVE startup (28 June 2017) and at the end of a planned three-day system shutdown on 11 December 2017 for depth intervals of 10, 20, 30, and 35 feet bgs. As described above, the temporary shutdown was implemented to minimize potential flow dynamic biases associated with collecting samples while the system was running. There was also a VP sampling event that occurred on 27 September 2017, however, there were some anomalous non-detect and/or low concentrations in select samples. The June 2017 results were more consistent with historical sampling data and therefore were used data to represent pre-SVE-startup conditions. Figures 14 through 17 illustrate that:

- PCE and TCE concentrations remained above screening levels at many locations during the December sampling event.
- PCE is the dominant COC in soil gas samples from most VPs, TCE is the dominant COC at VP-15A through VP-15D, and at VP-8D and VP-9D. This indicates a different soil gas chemical composition at the northeast corner of the Property.

Vapor concentration trend plots are included in Appendix J. Figure 18 is a plot of the most recent total COC concentrations in soil vapor versus the historical maximum concentration. Figure 19 is a plot of VP soil vapor concentrations before (June 2017) and during (December 2017) the most recent SVE program. These figures illustrate that:

- TCE concentrations at VP-15 have decreased substantially following operation of DPE-5 in 2017 (Appendix J, Figure J-65).

- Vapor concentrations have decreased compared to the historical maximum in all VPs except VP-9A. The majority of locations have decreased by 1 to 3 orders of magnitude since startup of the SVE system (Figure 18).
- There was no clear trend in pre and post-SVE vapor sampling results, with some locations increasing and others decreasing (Figure 19). This suggests that while vapor concentrations have decreased in VPs by 1 to 3 orders of magnitude since startup of the SVE system (Figure 18), concentration reductions, like mass recovery rates, have reached an asymptotic level where additional reductions in concentration with continued SVE operation are unlikely.

Figure 20 depicts cumulative COC mass removal from the initiation of SVE in February 2011 through the current reporting period. Figure 21 depicts mass removal rates over the operational history of the OU2 RA. The figures have been annotated to indicate key operational changes to the SVE/DPE systems. These figures illustrate that:

- The mass removal rate was highest upon startup of the SVE, as expected. Mass removal rates declined rapidly during the first months of operation. The initial phase of SVE operation (2011 – 2012) resulted in approximately 213 pounds of COCs being removed, or 38 percent of the total mass removed to date.
- Mass removal rates increased again when the DPE system was brought online in the second half of 2012, which allowed for deeper vapor extraction to occur. This second phase of operation resulted in an additional 156 pounds of COCs being recovered or 28 percent of the total recovered to date.
- After mass removal rates decreased again following startup of the DPE system, various optimization strategies were employed in late 2013 and 2014 to increase mass recovery rates. These optimization efforts focused vapor extraction on higher producing wells by temporarily closing low-producing wells and resulted in an additional 139 pounds of COCs being recovered, or 25 percent of the total COCs removed to date.
- Since early 2015, mass removal rates have remained low (asymptotic) despite various optimization efforts (e.g. venting, cyclical operation). Only 47 pounds of COCs have been recovered since the early part of 2015 or 8 percent of the total COCs recovered to date. This demonstrates that SVE/DPE system has reached a point of asymptotic mass recovery.
- There were small and temporary increases in mass removal rate at the end of 2016 and beginning of 2017 associated with a cyclical operation program (Figure 21).
- The mass removal rate increased slightly with installation of the larger blower in October 2017. While the rates increased somewhat, the increase was small compared to earlier optimization efforts.
- Overall, while recent optimization efforts have resulted in temporary and small increases in COC mass recovery, the SVE/DPE system has reached an asymptotic condition where appreciable increases in the mass removal rate or appreciable decreases in vapor concentrations measured at the VPs is unlikely.

Figure 22 includes a more detailed analysis of COC mass removal during the reporting period. Sampling data from individual extraction wells is summarized in Table V. This figure and table illustrate that:

- "Baseline" COC mass removal rates prior to installation of the new blower were approximately 0.05 pounds per day. COC mass removal rates increased to 0.15 pounds per day with the new blower operation in October 2017 (Figure 22). For comparison, a mass removal rate of 0.15 pounds per day is only 3 percent of the initial mass removal rate of 4.8 pounds per day.
- The majority of mass recovery has been associated with two wells, DPE-7 and DPE-5. The larger mass recovery rate at DPE-7 is consistent with this location being at the center of the former DPA source area.
- The larger mass removal rates from DPE-5 are consistent with elevated TCE concentrations in soil gas observed in nearby VP-15.
- Closing low mass-producing wells, thereby directing more blower capacity to higher mass-producing wells, did not improve mass recovery appreciably.

6.3 PERCHED ZONE DEWATERING

DPE was initiated in April 2012. The perched zone has been dry/effectively dewatered since June 2015. The total groundwater volume extracted from the DPE wells from April 2012 (initiation of perched groundwater extraction) through June 2015 was approximately one million gallons. The stated goal of the perched groundwater recovery system was to dewater the perched zone to extend the depth of vapor recovery by vacuum extraction. This goal has been accomplished.

6.4 RECOMMENDATION FOR OU2

Recommendations for OU2 include:

- As stated in the previous PER, the DPE wells will continue to operate until the total COC mass removal rate returns to the baseline value of 0.05 pounds per day. As of the last sampling event, the COC mass removal rate had returned to baseline levels but this is being confirmed with additional sampling.
- Once the DPE wells return to baseline levels, all the DPE wells will be turned off and the SVE wells will be turned on. The sequential shutdown program will be duplicated for the SVE wells based on sampling of the SVE wells and combined influent. During operation of the SVE wells, the DPE wells will be turned on for approximately 15 minutes per week to recover any vapors that may have accumulated in the perched zone.
- In September 2017, EPA released an updated version of the Johnson and Ettinger model. Now that the revised Johnson & Ettinger model has been released, CDCPG plans to develop updated Site-specific soil gas cleanup goals using the new model. These new goals will be derived to be protective of hypothetical future on-Property buildings and may form the basis for SVE rebound testing.

7. Performance Summary and Recommendations

As described in Section 5, the OU1 RA continues to operate as designed and performance monitoring data indicates the system has been effective at hydraulically containing on-Property COCs. Mass removal rates from groundwater extraction wells in the shallow Gaspur, just downgradient of the HWA, are low compared to COC concentrations in surrounding shallow Gaspur monitoring wells. A pilot study is being planned for this area to evaluate the potential for ACB to accelerate cleanup. Decreasing concentration trends in the Phase 2 OU1 RAA indicate MNA could be an effective remedy for the Phase 2 OU1 RAA. The following recommendations are based on the OU1 performance evaluation provided in Section 5:

- It is recommended that groundwater pumping continue with the current system configuration with on- and off-Property extraction wells (EW-2, EW-4, EW-5, EW-7A, EW-7B, and EW-A) operating. Based on the groundwater flow model presented in the Second Semi-Annual 2015 PER (Haley & Aldrich, 2016d), a total extraction rate of 11 gpm is considered to be sufficient for hydraulic containment purposes.
- It is recommended that the ACB pilot test be implemented following receipt of substantive requirements from the LARWQCB. The ACB would target the higher-concentration areas near MW-21 in the shallow Gaspur near the Property.
- Per the Consent Decree, an upgradient investigation will be performed to locate three new upgradient monitoring wells for monitoring upgradient groundwater quality in the shallow, intermediate and lower portions of the Gaspur aquifer.

As described in Section 6, the new, larger blower resulted in a modest increase in mass removal rates from ~0.05 to 0.15 pounds per day. While the SVE/DPE system has been effective at reducing soil gas concentrations in VPs by one to three orders of magnitude, soil gas concentrations remain above the EPA's default soil gas screening levels at several locations. Meeting default soil gas screening levels at all VPs in the future will be challenging because the SVE/DPE system continues to operate near an asymptotic recovery rate. The following recommendations are based on the OU2 performance evaluation provided in Section 6:

- As stated in the previous PER, the DPE wells will continue to operate until the total COC mass removal rate returns to the baseline value of 0.05 pounds per day. Once the DPE wells return to baseline levels, all the DPE wells will be turned off and the SVE wells will be turned on. The sequential shutdown program will be duplicated for the SVE wells based on sampling of the SVE wells and combined influent. During operation of the SVE wells, the DPE wells will be turned on for approximately 15 minutes per week to recover any vapors that may have accumulated in the perched zone.
- The submersible pumps in the DPE wells will remain operable in the event perched zone becomes re-saturated.
- The previously proposed Site-specific soil gas cleanup goals for SVE will be revised using the Johnson & Ettinger model, which was recently updated and released by EPA in September 2017.

8. Planned First Semi-Annual 2018 Activities

Remediation activities planned for the next reporting period include:

- Continue operating the SVE system as describe above.
- Operation of submersible pumps within the DPE wells in the event the perched zone becomes re-saturated.
- Continued groundwater extraction at EW-2, EW-4, EW-5, EW-7A, EW-7B, and EW-A at a total combined average pumping rate of 11 gpm.
- Conduct an upgradient investigation to locate three new upgradient monitoring wells for monitoring upgradient groundwater quality in the shallow, intermediate and lower portions of the Gaspur aquifer.
- Begin implementation of the ACB pilot study.

These tasks and the monitoring results for the first semi-annual 2018 period will be discussed in the next PER submitted in August 2018.

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TABLES

TABLE I

GROUNDWATER AND SOIL GAS CHEMICALS OF CONCERN AND CLEANUP LEVELS
COOPER DRUM COMPANY SUPERFUND SITE
SOUTH GATE, CALIFORNIA

Operable Unit 1					
Chemical of Concern	**Media**	**Cleanup Level[1] (µg/L)**			
1,1-DCA	Groundwater	5			
1,1-DCE	Groundwater	6			
1,2-DCA	Groundwater	0.5			
1,2-DCP	Groundwater	5			
1,2,3-TCP	Groundwater	1			
Benzene	Groundwater	1			
cDCE	Groundwater	6			
tDCE	Groundwater	10			
PCE	Groundwater	5			
TCE	Groundwater	5			
Vinyl chloride	Groundwater	0.5			
1,4-Dioxane	Groundwater	TBD			
Operable Unit 2					
Chemical of Concern	**Media**	**Interim Cleanup Level[2] (µg/m³)**		**EPA Default Soil Gas Screening Level[3] (µg/m³)**	
		Shallow Soil Gas (<25 feet bgs)	**Deeper Soil Gas (>25 feet bgs)**	**Residential**	**Industrial**
1,1-DCA	Soil Gas	8,800	24,000	60	260
1,1-DCE	Soil Gas	1,002,000	136,000	7,000	29,000
1,2-DCA	Soil Gas	500	520	4	16
1,2-DCP	Soil Gas	1,400	12,000	9	40
1,2,3-TCP	Soil Gas	1,700	300	10	43
Benzene	Soil Gas	1,800	4,900	12	53
cDCE	Soil Gas	58,000	21,000	--	--
tDCE	Soil Gas	295,000	36,000	--	--
PCE	Soil Gas	64,000	76,000	16[4]	70[4]
TCE	Soil Gas	3,700	43,000	16	100
Vinyl chloride	Soil Gas	3,000	12,000	6	93

Notes:

1. Cleanup levels are according to EPA's Unilateral Administrative Order 2009-007.
2. Interim cleanup levels are Site-specific levels for the Cooper Drum property as described in the "Soil Gas Cleanup Levels" prepared by Haley & Aldrich, Inc. dated 20 February 2013.
3. Soil gas screening levels are calculated by applying the default USEPA attenuation factor (0.03) with the Regional Screening Levels for residential and industrial air.
4. The soil gas screening levels for PCE are the California-modified indoor air screening levels.
5. The cleanup level for 1,4-dioxane in groundwater is to be determined, pending a maximum contaminant level or a decision document.

Abbreviations:

bgs = below ground surface
COCs = chemicals of concern
µg/L = micrograms per liter
µg/m³ = micrograms per cubic meter
1,1-DCA = 1,1-Dichloroethane
1,1-DCE = 1,1-Dichloroethene
1,2-DCA = 1,2-Dichloroethane
1,2-DCP = 1,2-Dichloropropane
1,2,3-TCP = 1,2,3-Trichloropropane
cDCE = cis-1,2-Dichloroethene
tDCE = trans-1,2-Dichloroethene
PCE = Tetrachloroethene
TCE = Trichloroethene

TABLE II
MONITORING WELL CONSTRUCTION AND SAMPLING FREQUENCY - OPERABLE UNIT 1
COOPER DRUM COMPANY SUPERFUND SITE
SOUTH GATE, CALIFORNIA

Well ID	Installation Date	Well Type	Aquifer	Total Depth (ft bgs)	Casing Diameter (inches)	Screen Interval (ft bgs)	Top of Casing Elevation (NAVD 88)	Monitoring Frequency[1]
EW-2	12/06/00	Extraction Well	Shallow Gaspur	84	6	39 - 79	103.72	Semi-Annual
EW-4	07/01/11	Extraction Well	Shallow/ Intermediate Gaspur	83	4	68 - 83	103.5	Semi-Annual
EW-5	10/24/12	Extraction Well	Shallow Gaspur	77	4	62 - 76	104.65	Semi-Annual
EW-7A	10/31/12	Extraction Well	Shallow/ Intermediate Gaspur	84	4	69 - 84	104.71	Semi-Annual
EW-7B	10/24/12	Extraction Well	Lower Gaspur	106	4	91 - 105	104.71	Semi-Annual
EW-8[2]	10/25/12	Monitoring Well	Lower Gaspur	109	4	99 - 109	104.42	Semi-Annual
EW-A[3]	03/26/15	Extraction Well	Intermediate/Lower Gaspur	112	4	82 - 110.3	103.72	Semi-Annual
MW-1	08/09/90	Monitoring Well	Shallow/ Intermediate Gaspur	83	4	52 - 84	104.88	Annual[10]
MW-2A	09/15/10	Monitoring Well	Shallow Gaspur	63	2	58 - 62	106.52	Semi-Annual
MW-2B	09/15/10	Monitoring Well	Shallow Gaspur	73	2	68 - 72	106.24	Semi-Annual
MW-2C	09/14/10	Monitoring Well	Intermediate Gaspur	92	2	88 - 92	106.27	Semi-Annual
MW-4	09/09/91	Monitoring Well	Shallow / Intermediate Gaspur	82	4	50 - 82	104.93	Semi-Annual
MW-4B	09/13/10	Monitoring Well	Intermediate Gaspur	93	2	88 - 92	105.06	Semi-Annual
MW-15[4]	11/30/00	Monitoring Well	Shallow/ Intermediate Gaspur	87	4	70 - 85	104.56	Semi-Annual
MW-15B	04/13/09	Monitoring Well	Lower Gaspur	105	2	93 - 103	104.71	Semi-Annual
MW-16	11/28/00	Monitoring Well	Exposition	135	2	118 - 128	104.67	Semi-Annual[6]
MW-17	11/30/00	Monitoring Well	Shallow Gaspur	80	4	69 - 79	105.32	Semi-Annual
MW-18	11/29/00	Monitoring Well	Exposition	135	2	118 - 128	105.21	Annual
MW-19	12/05/00	Monitoring Well	Shallow Gaspur	80	4	67 - 77	106.03	Semi-Annual
MW-20	02/28/03	Monitoring Well	Shallow Gaspur	75	4	55 - 70	104.84	Semi-Annual
MW-20B	07/05/08	Monitoring Well	Intermediate Gaspur	90	2	80 - 90	104.46	Semi-Annual
MW-21	10/22/03	Monitoring Well	Shallow Gaspur	75	4	55 - 75	105.62	Semi-Annual
MW-22	12/04/03	Monitoring Well	Shallow Gaspur	75	4	63 - 73	105.32	Semi-Annual
MW-23A	07/08/11	Monitoring Well	Shallow Gaspur	66	2	61 - 65	105.51	Semi-Annual
MW-23	12/05/03	Monitoring Well	Shallow Gaspur	81	4	69 - 79	106.09	Semi-Annual[6]

TABLE II
MONITORING WELL CONSTRUCTION AND SAMPLING FREQUENCY - OPERABLE UNIT 1
COOPER DRUM COMPANY SUPERFUND SITE
SOUTH GATE, CALIFORNIA

Well ID	Installation Date	Well Type	Aquifer	Total Depth (ft bgs)	Casing Diameter (inches)	Screen Interval (ft bgs)	Top of Casing Elevation (NAVD 88)	Monitoring Frequency[1]
MW-23B	04/14/09	Monitoring Well	Lower Gaspur	108	2	95 - 105	106.06	Semi-Annual[6]
MW-24	12/01/03	Monitoring Well	Shallow Gaspur	87	4	70-85	103.96	Annual[10]
MW-25	12/03/03	Monitoring Well	Intermediate Gaspur	92	4	75-90	103.74	Semi-Annual
MW-25B	02/28/08	Monitoring Well	Lower Gaspur	109	4	95-105	103.54	Semi-Annual
MW-26	12/10/03	Monitoring Well	Exposition	134	2	122-132	103.86	Semi-Annual
MW-27	12/03/03	Monitoring Well	Intermediate Gaspur	92	4	75-90	103.60	Annual[10]
MW-28	12/11/03	Monitoring Well	Lower Gaspur	115	2	104-114	103.53	Semi-Annual
MW-29A	02/26/08	Monitoring Well	Shallow Gaspur	67	4	56-66	102.95	Annual
MW-29	12/02/03	Monitoring Well	Intermediate Gaspur	92	4	75-90	102.95	Annual[10]
MW-30	12/09/03	Monitoring Well	Lower Gaspur	115	2	104-114	103.09	Semi-Annual[7]
MW-31A	02/26/08	Monitoring Well	Shallow Gaspur	65.5	4	54.5-64.5	103.07	Semi-Annual[7]
MW-31	12/02/03	Monitoring Well	Intermediate Gaspur	92	4	75-90	103.30	Semi-Annual[7]
MW-31B	02/25/08	Monitoring Well	Lower Gaspur	109	4	97-107	103.15	Semi-Annual[7]
MW-32	12/08/03	Monitoring Well	Exposition	134	2	122-132	103.27	Semi-Annual
MW-33A	07/06/05	Monitoring Well	Shallow Gaspur	65	2	55 - 65	104.96	Semi-Annual
MW-33B	07/06/05	Monitoring Well	Intermediate Gaspur	90	2	80 - 90	104.72	Annual[10]
MW-34	02/28/08	Monitoring Well	Shallow Gaspur	69	4	58-68	103.24	Semi-Annual[8]
MW-35	02/27/08	Monitoring Well	Lower Gaspur	106	4	95-105	103.25	Semi-Annual[8]
MW-36	03/04/08	Monitoring Well	Intermediate Gaspur	89	4	77-87	102.73	Annual[10]
MW-37	03/05/08	Monitoring Well	Lower Gaspur	111	4	99.5-109.5	102.50	Semi-Annual
MW-38	03/03/08	Monitoring Well	Shallow Gaspur	68	4	56.5-66.5	102.28	Semi-Annual[7]
MW-39	02/29/08	Monitoring Well	Intermediate Gaspur	89	4	78-88	102.34	Semi-Annual[7]
MW-40	03/03/08	Monitoring Well	Lower Gaspur	111	4	100-110	102.06	Semi-Annual[7]
MW-41[5]	03/06/08	Monitoring Well	Lower Gaspur	100	4	89-99	104.34	Semi-Annual
MW-42	04/15/09	Monitoring Well	Shallow Gaspur	67	2	56-66	104.36	Not Sampled[9]

TABLE II
MONITORING WELL CONSTRUCTION AND SAMPLING FREQUENCY - OPERABLE UNIT 1
COOPER DRUM COMPANY SUPERFUND SITE
SOUTH GATE, CALIFORNIA

Well ID	Installation Date	Well Type	Aquifer	Total Depth (ft bgs)	Casing Diameter (inches)	Screen Interval (ft bgs)	Top of Casing Elevation (NAVD 88)	Monitoring Frequency[1]
MW-43	04/15/09	Monitoring Well	Intermediate Gaspur	88	2	77-87	104.25	Not Sampled[9]
MW-44	04/15/09	Monitoring Well	Lower Gaspur	108	2	96-106	104.17	Not Sampled[9]
MW-45	04/14/09	Monitoring Well	Intermediate Gaspur	90	2	79-89	102.47	Not Sampled[9]
MW-46	04/20/09	Monitoring Well	Shallow Gaspur	68	2	57-67	101.87	Not Sampled[9]
MW-47	04/20/09	Monitoring Well	Intermediate Gaspur	88	2	77-87	101.74	Not Sampled[9]
MW-48	04/20/09	Monitoring Well	Lower Gaspur	110	2	98-108	101.68	Not Sampled[9]
MW-49	04/23/09	Monitoring Well	Shallow Gaspur	71	2	60-70	100.53	Not Sampled[9]
MW-50	04/23/09	Monitoring Well	Intermediate Gaspur	89	2	78-88	100.65	Annual
MW-51	04/23/09	Monitoring Well	Lower Gaspur	110	2	98-108	100.64	Annual
MW-52	04/22/09	Monitoring Well	Shallow Gaspur	77	2	66-76	100.77	Not Sampled[9]
MW-53	04/22/09	Monitoring Well	Lower Gaspur	101	2	90-100	100.73	Annual
MW-54	04/22/09	Monitoring Well	Lower Gaspur	115	2	108-113	100.88	Annual
MW-55	04/16/09	Monitoring Well	Exposition	140	2	128-138	102.57	Annual
MW-56	04/17/09	Monitoring Well	Shallow Gaspur	74	2	62-72	101.73	Not Sampled[9]
MW-57A	09/14/11	Monitoring Well	Shallow Gaspur	71	2	60 - 70	105.93	Semi-Annual
MW-57B	09/14/11	Monitoring Well	Intermediate Gaspur	91	2	85 - 90	105.84	Semi-Annual
MW-58	09/13/11	Monitoring Well	Shallow Gaspur	71	2	60 - 70	106.01	Semi-Annual
MW-59A	09/17/10	Monitoring Well	Shallow Gaspur	63	2	58 - 62	105.72	Semi-Annual
MW-59B	09/17/10	Monitoring Well	Intermediate Gaspur	80	2	75 - 79	105.61	Annual[10]
MW-59C	09/16/10	Monitoring Well	Intermediate Gaspur	93	2	88 - 92	105.76	Semi-Annual
MW-60A	06/30/11	Monitoring Well	Shallow Gaspur	77	2	72 - 77	105.69	Semi-Annual
MW-60B	06/30/11	Monitoring Well	Lower Gaspur	102	2	92 - 101	105.64	Semi-Annual
MW-61A	07/06/11	Monitoring Well	Shallow Gaspur	76	2	66 - 76	104.84	Semi-Annual
MW-61B	07/06/11	Monitoring Well	Intermediate Gaspur	88	2	83 - 88	104.84	Semi-Annual
MW-62A	07/07/11	Monitoring Well	Shallow Gaspur	77	2	68 - 77	105.22	Semi-Annual

TABLE II
MONITORING WELL CONSTRUCTION AND SAMPLING FREQUENCY - OPERABLE UNIT 1
COOPER DRUM COMPANY SUPERFUND SITE
SOUTH GATE, CALIFORNIA

Well ID	Installation Date	Well Type	Aquifer	Total Depth (ft bgs)	Casing Diameter (inches)	Screen Interval (ft bgs)	Top of Casing Elevation (NAVD 88)	Monitoring Frequency[1]
MW-62B	09/14/11	Monitoring Well	Lower Gaspur	107	2	101 - 106	105.22	Semi-Annual
PZ-7A	07/27/11	Monitoring Well	Shallow Gaspur	76	2	70 - 75	105.67	Semi-Annual
PZ-7B	07/27/11	Monitoring Well	Intermediate Gaspur	94	2	88 - 93	105.66	Semi-Annual

Notes:
1. All monitoring wells are gauged on a semi-annual basis and sampled in accordance with the Second Semi-Annual 2015 Groundwater Monitoring Report and Groundwater Monitoring Plan Update, 29 February 2016.
2. Modification to the extraction well network replaced well EW-8 with well EW-A. Well EW-8 has been retained for use as a monitoring well.
3. Well EW-A is angled at approximately 45 degrees from vertical. The downhole length of the screen interval is 116 to 156 feet below top of casing. The vertical depth of the screen interval is 82 to 110.3 ft bgs.
4. Intended usage of MW-15 changed from an extraction well to a monitoring well.
5. MW-41 was previously referred to as Intermediate Gaspur.
6. Monitoring frequency at these wells was previously listed as annual. COC concentrations increased above cleanup levels and the monitoring frequency was changed to semi-annual.
7. Previously monitored on an annual monitoring frequency. Changed to a semi-annual basis during the monitored natural attenuation assessment period.
8. Previously not sampled. Changed to a semi-annual basis during the monitored natural attenuation assessment period.
9. Monitoring wells not sampled due to non-Cooper Drum groundwater impacts.
10. Previously monitored on a semi-annual basis. COC concentrations decreased below cleanup levels and the monitoring frequency was changed to annual.

Abbreviations:
ft bgs = feet below ground surface
NAVD 88 = feet above the North American Vertical Datum of 1988

TABLE III

EXTRACTION WELL AND MONITORING POINT CONSTRUCTION SUMMARY OPERABLE UNIT 2
COOPER DRUM COMPANY SUPERFUND SITE
SOUTH GATE, CALIFORNIA

Well or Monitoring Point ID	Installation Date	Installed By	Total Depth (ft bgs)	Casing or CMT Diameter (inches)	Screen Interval (ft bgs)	Slot Size (inches)	CMT Screen Size (microns)	Top of Casing Elevation (NAVD88)
SVE-1/DPE-1	12/4/2000	URS	44	4	8 - 43	0.02	--	109.96
SVE-2/DPE-7	2/27/2004	URS	48	4	8 - 48	0.02	--	112.91
SVE-3	8/26/2010	AMEC	30.9	4	9.5 - 29.5	0.02	--	105.08
SVE-4	8/24/2010	AMEC	30	4	9.6 - 28.9	0.02	--	105.29
SVE-5	8/24/2010	AMEC	30	4	10.1 - 29.3	0.02	--	104.84
SVE-6	8/25/2010	AMEC	30	4	9.9 - 29.1	0.02	--	105.37
SVE-7	8/25/2010	AMEC	30.5	4	10 - 29.2	0.02	--	105.27
SVE-8	8/26/2010	AMEC	30	4	9.5 - 29.5	0.02	--	105.33
SVE-9	8/24/2010	AMEC	32	4	10.4 - 29.4	0.02	--	104.90
SVE-10	8/23/2010	AMEC	32	4	10 - 29.2	0.02	--	104.80
SVE-11	8/25/2010	AMEC	30	4	9 - 29	0.02	--	105.04
SVE-12	8/25/2010	AMEC	30	4	9.5 - 29.5	0.02	--	104.85
DPE-2	5/5/2011	AMEC	49.8	4	32.8 - 47.3	0.02	--	108.70
DPE-3	5/5/2011	AMEC	50	4	32.9 - 47.4	0.02	--	109.08
DPE-4	5/2/2011	AMEC	49.7	4	32.8 - 47.1	0.02	--	108.99
DPE-5	5/2/2011	AMEC	49.6	4	32.6 - 47.1	0.02	--	109.11
DPE-6	5/6/2011	AMEC	49.5	4	32.6 - 47	0.02	--	108.83
DPE-8	5/3/2011	AMEC	49.5	4	32.6 - 47	0.02	--	109.00
DPE-9	5/4/2011	AMEC	50	4	32.9 - 47.5	0.02	--	108.42
DPE-10	5/4/2011	AMEC	49.9	4	33 - 47.4	0.02	--	108.55
DPE-11	5/6/2011	AMEC	50	4	33 - 47.5	0.02	--	108.75
DPE-12	5/3/2011	AMEC	49.4	4	32.5 - 46.9	0.02	--	109.03
DPE-13	8/16/2011	AMEC	50.7	4	33 - 47.5	0.02	--	104.43
DPE-14	5/9/2011	AMEC	50.9	4	33.9 - 48.4	0.02	--	108.63
VP-5A	7/2/2010	AMEC	29	1.1	9.25 - 9.75	--	150	106.50
VP-5B					20.25 - 20.75			
VP-5C					27.25 - 27.75			
PZ-5	7/1/2010	AMEC	50	2	37.1 - 41.5	0.01	--	106.89
VP-6A	7/2/2010	AMEC	29	1.1	9.25 - 9.75	--	150	106.67
VP-6B					20.25 - 20.75			
VP-6C					27.25 - 27.75			
PZ-6	7/1/2010	AMEC	45	2	37.2 - 41.6	0.01	--	106.74
VP-7A	1/7/2011	AMEC	49	1.7	9.5 - 10	--	150	106.00
VP-7B					18.75 - 19.25			
VP-7C					30.5 - 31			
VP-7D					34.5 - 35, 39 -			
VP-7E					37.5 - 38			
VP-7F					41.5 - 42			
VP-7G					46.5 - 47			
VP-8A	1/12/2011	AMEC	49	1.7	9.5 - 10.0	--	150	105.92
VP-8B					18.0 - 18.5			
VP-8C					29.5 - 30.0			
VP-8D					33.5 - 34.0,			
VP-8E					37.5 - 38.0			
VP-8F					46.5 - 47.0			
VP-8G					47.0 - 47.5			

TABLE III

EXTRACTION WELL AND MONITORING POINT CONSTRUCTION SUMMARY OPERABLE UNIT 2
COOPER DRUM COMPANY SUPERFUND SITE
SOUTH GATE, CALIFORNIA

Well or Monitoring Point ID	Installation Date	Installed By	Total Depth (ft bgs)	Casing or CMT Diameter (inches)	Screen Interval (ft bgs)	Slot Size (inches)	CMT Screen Size (microns)	Top of Casing Elevation (NAVD88)
VP-9A	1/12/2011	AMEC	49	1.7	8.5 - 9.0	--	150	105.63
VP-9B					17.5 - 18.0			
VP-9C					29.5 - 30.0			
VP-9D					33.5 - 34.0,			
VP-9E					37.5 - 38.0			
VP-9F					46.0 - 46.5			
VP-9G					47.0 - 47.5			
VP-10A	1/13/2011	AMEC	49	1.7	9.5 - 10.0	--	150	106.15
VP-10B					18.0 - 18.5			
VP-10C					30.5 - 31.0			
VP-10D					33.5 -34.0,			
VP-10E					39.0 - 39.5			
VP-10F					46.5 - 47.0			
VP-10G					47.0 - 47.5			
VP-11A	1/7/2011	AMEC	49	1.7	9.0 - 9.5	--	150	105.44
VP-11B					19.0 - 19.5			
VP-11C					29.5 - 30.0			
VP-11D					33.5 - 34.0,			
VP-11E					41.0 - 41.5			
VP-11F					46.0 - 46.5			
VP-11G					47.0 - 47.5			
VP-12A	1/13/2011	AMEC	49	1.7	10.0 - 10.5	--	150	105.65
VP-12B					17.5 - 18.0			
VP-12C					29.5 - 30.0			
VP-12D					33.5 - 34.0,			
VP-12E					37.5 - 38.0			
VP-12F					46.5 - 47.0			
VP-12G					47.0 - 47.5			
VP-13A	1/5/2011	AMEC	50	1.7	9.5 - 10.0	--	150	105.24
VP-13B					21.0 - 21.5			
VP-13C					26.0 - 26.5			
VP-13D					33.0 - 33.5,			
VP-13E					39.5 - 40.0			
VP-13F					45.5 - 46.0			
VP-13G					48.0 - 48.5			
VP-14A	8/17/2011	AMEC	48.5	1.7	9.5 - 10	--	150	105.13
VP-14B					19 - 19.5			
VP-14C					29 - 29.5			
VP-14D					33 - 33.5, 41 -			
VP-14E					39.5 - 40			
VP-14F					45.5 - 46			
VP-14G					47 - 47.5			

TABLE III

EXTRACTION WELL AND MONITORING POINT CONSTRUCTION SUMMARY OPERABLE UNIT 2
COOPER DRUM COMPANY SUPERFUND SITE
SOUTH GATE, CALIFORNIA

Well or Monitoring Point ID	Installation Date	Installed By	Total Depth (ft bgs)	Casing or CMT Diameter (inches)	Screen Interval (ft bgs)	Slot Size (inches)	CMT Screen Size (microns)	Top of Casing Elevation (NAVD88)
VP-15A	9/17/2011	AMEC	50	1.7	10 - 10.5	--	150	105.88
VP-15B					20 - 20.5			
VP-15C					29.5 - 30			
VP-15D					34.5 - 35			
VP-15E					40 - 40.5			
VP-15F					47 - 47.5			
VP-15G					48 - 48.5			

Abbreviations:

-- = information not available
AMEC = AMEC Environment & Infrastructure, Inc.
CMT = continuous multi-channel tubing
ft bgs = feet below ground surface
NAVD88 = feet above the North American Vertical Datum of 1988
URS = URS Group, Inc.

TABLE IV
OPERATIONAL HISTORY OF OPERABLE UNIT 2 REMEDIAL ACTION
COOPER DRUM COMPANY SUPERFUND SITE
SOUTH GATE, CALIFORNIA

Date	Operational Change
February 2011	The SVE system began operating with 10 SVE/DPE wells (SVE-3 to SVE-10 and DPE-1 and DPE-7) operating with vapor recovery only.
September 2011	Vapor recovery ceased at DPE-1 and DPE-7 when these wells were retrofitted for perched groundwater recovery.
October 2011	SVE wells SVE-11 and SVE-12, located south of the Property, were connected to the vapor treatment system after access was granted by the landowner (Los Angeles Unified School District).
April 2012	Vapor and perched groundwater recovery was initiated at DPE wells DPE-1 through DPE-14.
September 2013	In accordance with the recommendations made in the previous PER, SVE wells SVE-3 to SVE-9 were temporarily closed to vacuum to increase vacuum at higher producing wells. These wells had historically been low-producing wells.
July 2014	Wells SVE-9 and DPE-10 were converted to vent wells by opening the wellhead to the atmosphere to enhance subsurface airflow near VP-10B and VP-13B. Well SVE-12 was temporarily closed to vacuum to increase vacuums at higher performing wells.
September 2014	Wells DPE-11 and DPE-12 were temporarily closed to vacuum to increase vacuum at higher performing wells.
October 2014	Wells SVE-11, DPE-2, DPE-3, DPE-4, DPE-6, DPE-8, DPE-9, and DPE-13 were temporarily closed to vacuum to increase vacuums at higher performing wells. Venting at wells SVE-9 and DPE-10 was discontinued because monitoring results indicated a significant decrease of COC concentrations at vapor monitoring points VP-10B, VP-10C, and VP-13B.
July 2015	Wells located in the HWA were temporarily closed to vacuum to increase vacuums at higher performing wells (SVE-3 through SVE-8, DPE-1 through DPE-6, DPE-8 through DPE-12).
August 2015	All wells were re-started to establish a new baseline condition.
October 2015	Wells SVE-3 through SVE-9, SVE-12, DPE-2 through DPE-4, DPE-6, DPE-8, DPE-10 through DPE-13 were temporarily closed to vacuum to increase vacuums at higher performing wells. Seven wells (SVE-10, SVE-11, DPE-1, DPE-5, DPE-7, DPE-9, and DPE-14) remained in operation through 16 March 2016.
March 2016	All DPE and SVE wells are turned off except DPE-1 and DPE-7 which remained in operation.

TABLE IV
OPERATIONAL HISTORY OF OPERABLE UNIT 2 REMEDIAL ACTION
COOPER DRUM COMPANY SUPERFUND SITE
SOUTH GATE, CALIFORNIA

Date	Operational Change
May 2016	Venting program initiated where all wells were open to the atmosphere except DPE-1 and DPE-7. Extraction occurred for two weeks followed by six weeks of shutdown.
July 2016	May 2016 venting program was repeated (2 weeks of extraction followed by six weeks of shutdown).
October 2016	Cyclical program was implemented with two wells clusters (Cluster A and Cluster B). Cluster A wells included SVE-5, SVE-6, SVE-7, SVE-11, DPE-1, DPE-2, DPE-3 and DPE-7; Cluster B wells include SVE-3, SVE-4, SVE-10, DPE-4, DPE-5, DPE-6, DPE-8, DPE-14. Clusters operated on alternating weeks to improve vacuums at individual wellhead. Program continued until January 2017 when the blower seized.
April 2017	Revised cyclical program that included a third well cluster (Cluster C; DPE-1 and DPE-7) initiated. Program continues until 24 May 2017 when a high backpressure alarm is triggered in the carbon vessels. Cluster C was added because operating DPE-1 and DPE-7 in the beginning of 2016 resulted in decreased concentrations in certain VPs that subsequently rebounded during the previous cyclical program.
October 2017	The 500 scfm blower skid and associated substantive requirements were replaced with a larger 1200 scfm blower. A focused extraction program was implemented when the new blower came online 4 October 2017. At startup, all the DPE wells were open to vacuum. Based on monitoring of COC concentrations at individual DPE wells, DPE wells were temporarily closed from vacuum when mass recovery declined to approximately 1 percent of the total mass removal rate to increase vacuum at DPE wells with higher mass recovery rates.

Abbreviations:
COCs: chemicals of concern
DPE: dual phase extraction
HWA: Hard Wash Area
PER: Performance Evaluation Report
scfm: standard cubic feet per minute
SVE: soil vapor extraction
VP: vapor monitoring point

TABLE V
ANALYTICAL RESULTS FOR CHEMICALS OF CONCERN IN SOIL VAPOR
COOPER DRUM COMPANY SUPERFUND SITE
SOUTH GATE, CALIFORNIA

Well ID	Screen Interval (ft bgs)	Sample Date	Sample Type	PCE		TCE		cDCE		1,1-DCA		1,2-DCA		VC		1,1-DCE		1,2-DCP		1,2,3-TCP		tDCE		Benzene		Total COCs	
				ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³
DPE-1	8-43	2/23/2011	Primary	5.6	38000	8.1	44000	36	140000	6.7	27000	< 1.2	< 4900	9.1	23000	< 1.3	< 5200	< 1.1	< 5100	< 0.83	< 5000	< 1.3	< 5200	< 1.6	< 5100	65.5	272000
		4/12/2011	Primary	2.9	20000	1.3 J	7000 J	4.3 J	17000 J	0.71	2900	< 0.15	< 610	0.28	720	< 0.1	< 400	< 0.15	< 690	< 0.1	< 600	< 0.1	< 400	0.17	540	9.66	48160
		4/12/2011	Duplicate	3.8	26000	2.1 J	11000 J	6.2 J	25000 J	0.8	3000	< 0.3	< 1000	0.34 J	870 J	< 0.2	< 800	< 0.3	< 1000	< 0.2	< 1000	0.12 J	480 J	0.18 J	580 J	13.54	66930
		12/7/2011	Primary	0.029 J	200 J	0.017 J	91 J	0.024	95	0.011 J	45 J	< 0.0025	< 10	0.0074	19	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	0.002	7.9	0.0031	9.9	0.0935	467.8
		12/7/2011	Duplicate	0.046 J	310 J	0.028 J	150 J	0.03	100	0.015 J	61 J	< 0.0025	< 10	0.011	28	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	0.0028	11	0.0034	11	0.1362	671
		3/27/2012	Primary	0.13	880	0.6	3000	0.91	3600	1 J	4000 J	0.019	77	0.38	970	0.081	320	0.035	160	0.0075	45	0.11	440	0.047	150	3.3195	13642
		6/4/2012	Primary	1.1	7500	0.37	2000	0.35	1400	0.074	300	< 0.037	< 150	< 0.059	< 150	< 0.03	< 100	< 0.032	< 150	< 0.03	< 200	< 0.03	< 100	< 0.045	< 140	1.894	11200
		9/17/2012	Primary	1.5	10000	0.39	2100	0.45	1800	0.094	380	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	2.434	14280
		12/11/2012	Primary	0.82	5600	0.25	1300	0.23	910	0.11	450	< 0.049	< 200	< 0.078 J	< 200 J	0.17	670	< 0.043	< 200	< 0.04	< 200	< 0.04	< 200	< 0.06	< 200	1.58	8930
		9/24/2013	Primary	0.86	5800	0.16	860	0.12	480	0.046	190	< 0.038	< 150	< 0.058	< 150	< 0.03	< 100	< 0.033	< 150	< 0.03	< 200	< 0.03	< 100	< 0.045	< 140	1.186	7330
		12/17/2013	Primary	0.37	2500	0.099	530	0.083	330	0.024	97	< 0.005	< 20	< 0.0078	< 20	< 0.004	< 16	< 0.0044	< 20	< 0.004	< 24	< 0.004	< 16	< 0.006	< 19	0.576	3457
		3/25/2014	Primary	0.25	1700	0.079	430	0.06	200	0.023	93	< 0.0062	< 25	< 0.0098	< 25	< 0.005	< 20	< 0.0055	< 25	< 0.005	< 30	< 0.005	< 20	< 0.0075	< 24	0.412	2423
		6/26/2014	Primary	0.49	3300	0.13	700	0.085	340	0.031	130	< 0.012	< 49	< 0.02	< 50	< 0.01	< 40	< 0.011	< 51	< 0.01	< 60	< 0.01	< 40	< 0.015	< 48	0.736	4470
		9/23/2014	Primary	0.29	2000	0.093	500	0.068	270	0.029	120	< 0.0062	< 25	< 0.0098	< 25	< 0.005	< 20	< 0.0055	< 25	0.0052	31	0.0074	29	< 0.0075	< 24	0.4926	2950
		3/26/2015	Primary	0.25	1700	0.16	860	0.04	200	0.015	61	< 0.012	< 49	< 0.02	< 50	< 0.01	< 40	< 0.011	< 51	< 0.01	< 60	< 0.01	< 40	< 0.015	< 48	0.465	2821
		12/16/2015	Primary	0.07	500	0.021	110	0.0061	24	0.0054	22	< 0.005	< 20	< 0.0078	< 20	< 0.004	< 16	< 0.0044	< 20	< 0.004	< 24	< 0.004	< 16	< 0.006	< 19	0.1025	656
		11/2/2016	Primary	0.13	880	0.044	240	0.036	140	0.014	57	< 0.005	< 20	< 0.0078	< 20	< 0.004	< 16	< 0.0044	< 20	< 0.004	< 24	< 0.004	< 16	< 0.006	< 19	0.224	1317
		11/16/2016	Primary	0.14	950	0.041	220	0.031	120	0.013	53	< 0.005	< 20	< 0.0078	< 20	< 0.004	< 16	< 0.0044	< 20	< 0.004	< 24	< 0.004	< 16	< 0.006	< 19	0.225	1343
		12/14/2016	Primary	0.14	950	0.037	200	0.027	110	0.012	49	< 0.005	< 20	< 0.0078	< 20	< 0.004	< 16	< 0.0044	< 20	< 0.004	< 24	< 0.004	< 16	< 0.006	< 19	0.216	1309
		12/27/2016	Primary	0.15	1000	0.045	240	0.026	100	0.012	49	< 0.005	< 20	< 0.0078	< 20	< 0.004	< 16	< 0.0044	< 20	< 0.004	< 24	< 0.004	< 16	< 0.006	< 19	0.233	1389
		3/22/2017	Primary	0.35	2400	0.075	400	0.023	91	0.019	77	< 0.0025	< 10	0.0056	14	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	0.003	12	< 0.003	< 9.6	0.4756	2994
		4/5/2017	Primary	0.2	1000	0.063	340	0.056	220	0.014	57	< 0.0062	< 25	< 0.0098	< 25	< 0.005	< 20	< 0.0055	< 25	< 0.005	< 30	< 0.005	< 20	< 0.0075	< 24	0.333	1617
		4/12/2017	Primary	0.041	280	0.005	27	0.002	7.9	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.048	314.9
		4/19/2017	Primary	< 0.002	< 14	< 0.002	< 11	< 0.002	< 7.9	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	ND	ND
		4/19/2017	Primary	0.17	1200	0.051	270	0.024	95	0.0081	33	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	0.0021	8.3	< 0.003	< 9.6	0.2552	1606.3
		4/26/2017	Primary	0.061	410	0.017	91	0.017	67	0.007	28	< 0.005	< 20	< 0.0078	< 20	< 0.004	< 16	< 0.0044	< 20	< 0.004	< 24	< 0.004	< 16	< 0.006	< 19	0.102	596
		5/3/2017	Primary	< 0.002	< 14	< 0.002	< 11	< 0.002	< 7.9	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	ND	ND
		5/10/2017	Primary	0.2	1000	0.043	230	0.017	67	0.012	49	< 0.005	< 20	< 0.0078	< 20	< 0.004	< 16	< 0.0044	< 20	< 0.004	< 24	< 0.004	< 16	< 0.006	< 19	0.272	1346
		5/10/2017	Primary	0.22	1500	0.054	290	0.02	80	0.01	40	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	0.0026	16	0.0033	13	< 0.003	< 9.6	0.3099	1939
		5/17/2017	Primary	0.13	880	0.04	200	0.027	110	0.011	45	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	0.0023	11	0.0037	22	0.0047	19	< 0.003	< 9.6	0.2187	1287
		5/24/2017	Primary	0.28	1900	0.039	210	0.012	48	0.012	49	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	0.0022	10	0.0032	19	0.0044	17	< 0.003	< 9.6	0.3528	2253
		10/4/2017	Primary	0.34	2300	0.11	590	0.091	360	0.05	200	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	0.0093	43	0.0036	22	0.01	40	0.0068	22	0.6207	3577
		10/11/2017	Primary	0.14	950	0.076	410	0.11	440	0.032	130	< 0.0025	< 10	0.012	31	< 0.002	< 7.9	0.0058	27	0.0058	35	0.012	48	< 0.003	< 9.6	0.3936	2071
		10/25/2017	Primary	0.14	950	0.052	280	0.055	220	0.015	61	< 0.005	< 20	< 0.0078	< 20	< 0.004	< 16	< 0.0044	< 20	< 0.004	< 24	0.0071	28	< 0.006	< 19	0.2691	1539
		11/8/2017	Primary	0.14	950	0.039	210	0.033	130	0.011	45	< 0.005	< 20	< 0.0078	< 20	< 0.004	< 16	< 0.0044	< 20	0.0044	27	0.0044	17	< 0.006	< 19	0.2318	1379
		11/29/2017	Primary	0.09	600	0.023	120	0.02	80	0.0052	21	< 0.005	< 20	< 0.0078	< 20	< 0.004	< 16	< 0.0044	< 20	< 0.004	< 24	< 0.004	< 16	< 0.006	< 19	0.1382	821
		12/13/2017	Primary	0.09	600	0.023	120	0.025	99	0.0098	40	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	0.0029	18	0.0038	15	< 0.003	< 9.6	0.1545	892
		12/27/2017	Primary	0.069	470	0.019	100	0.016	64	0.0083 J	34 J	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	0.0025	15	0.0027	11	< 0.003	< 9.6	0.1175	694
DPE-2	32.8-47.3	9/21/2011	Primary	< 0.0099	< 67	0.013 J	70 J	0.033 J	130 J	0.025 J	100 J	< 0.012	< 49	0.035 J	90 J	< 0.01 J	< 39.7 J	< 0.011	< 51	< 0.01	< 60.4	< 0.01 J	< 39.7 J	< 0.015	< 48	0.106	390
		9/21/2011	Duplicate	< 0.0099	< 67	0.032 J	170 J	0.086 J	340 J	0.074 J	300 J	< 0.012	< 49	0.086 J	220 J	0.013 J	52 J	< 0.011	< 51	< 0.01	< 60.4	0.025 J	99 J	< 0.015	< 48	0.316	1181
		12/7/2011	Primary	< 0.002	< 14	0.0037	20	0.0088	35	0.0059	24	< 0.0025	< 10	0.007	18	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	0.0025	9.9	< 0.003	< 9.6	0.0279	106.9
		3/27/2012	Primary	0.1	700	0.11	590	0.11	440	0.1 J	400 J	< 0.0025	< 10	0.036	92	0.011	44	< 0.0022	< 10	< 0.002	< 12	0.022	87	0.01	30	0.499	2383
		3/27/2012	Duplicate	0.096	650	0.1	500	0.11	440	0.1 J	400 J	< 0.0025	< 10	0.034	87	0.012	48	< 0.0022	< 10	< 0.002	< 12	0.023	91	0.0097	31	0.4847	2247
		6/4/2012	Primary	0.34	2300	0.11	590	0.11	440	0.032	130	< 0.012	< 49	< 0.02	< 50	0.017	67	< 0.011	< 51	< 0.01	< 60.4	< 0.01	< 39.7	< 0.015	< 48	0.609	3527
		9/17/2012	Primary	0.043	290	0.087	470	0.45	1800	0.19	770	< 0.0025	< 10	0.063	160	0.63	2500	< 0.0022	< 10	< 0.002	< 12	0.038	150	0.034	110	1.535	6250
		12/11/2012	Primary	0.0021	14	0.0035	19	0.0038	15	0.0083	34	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.0177	82
		12/17/2013	Primary	0.024	160	0.051	270	0.041	160	0.0024	9.7	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.1184	599.7
		3/25/2014	Primary	0.21	1400	0.66	3600	0.069	270	0.042	170	< 0.0025	< 10	< 0.0039	< 10	0.029	120	< 0.0022	< 10	< 0.002	< 12	0.0093	37	< 0.003	< 9.6	1.0193	5597
		6/26/2014	Primary	0.32	2200	1.8	9700	0.13	520	0.038	150	< 0.038	< 150	< 0.058	< 150	0.062	250	< 0.033	< 150	< 0.03	< 200	0.033	130	< 0.045	< 140	2.383	12950
		9/23/2014	Primary	0.034	230	0.27	1500	0.025	99	0.0089	36	< 0.005	< 20	< 0.0078	< 20	0.0079	31	< 0.0044	< 20	< 0.004	< 24	< 0.004	< 16	< 0.006	< 19	0.3458	1896
		11/2/2016	Primary	0.032	220	0.19	1000	0.068	270	< 0.01	< 40	< 0.012	< 49	< 0.02	< 50	< 0.01	< 40	< 0.011	< 51	< 0.01	< 60	< 0.01	< 40	< 0.015	< 48	0.29	1490
		11/16/2016	Primary	0.031	210	0.2	1000	0.063	250	< 0.01	< 40	< 0.012	< 49	< 0.02	< 50	0.025	99	< 0.011	< 51	< 0.01	< 60	< 0.01	< 40	< 0.015	< 48	0.319	1559
		12/14/2016	Primary	0.034	230	0.2	1000	0.076	300	0.0062	25	< 0.0062	< 25	< 0.0098	< 25	0.034	130	< 0.0055	< 25	< 0.005	< 30	0.0072	29	0.01	30	0.3674	1744
		12/27/2016	Primary	0.045	310	0.25	1300	0.089	350	< 0.01	< 40	< 0.012	< 49	< 0.02	< 50	0.042	170	< 0.011	< 51	< 0.01	< 60	< 0.01	< 40	< 0.015	< 48	0.426	2130
		3/22/2017	Primary	0.049	330	0.071	380	0.0075	30	0.0056	23	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.1331	763
		4/5/2017	Primary	0.031	210	0.12	650	0.037	150	0.0036	15	< 0.0025	< 10	< 0.0039	< 10	0.012	48	< 0.0022	< 10	< 0.002	< 12	0.0046	18	0.0083	27	0.2165	1118
		4/19/2017	Primary	0.063	430	0.12	650	0.0049	19	< 0.004	< 16	< 0.005	< 20	< 0.0078	< 20	0.0078	31	< 0.0044	< 20	< 0.004	< 24	< 0.004	< 16	< 0.006	< 19	0.1957	1130
		4/26/2017	Primary	0.016	110	0.076	410	0.034	130	< 0.004	< 16	< 0.005	< 20	< 0.0078	< 20	0.0075	30	< 0.0044	< 20	< 0.004	< 24	0.0043	17	< 0.006	< 19	0.1378	697

TABLE V
ANALYTICAL RESULTS FOR CHEMICALS OF CONCERN IN SOIL VAPOR
COOPER DRUM COMPANY SUPERFUND SITE
SOUTH GATE, CALIFORNIA

Well ID	Screen Interval (ft bgs)	Sample Date	Sample Type	PCE		TCE		cDCE		1,1-DCA		1,2-DCA		VC		1,1-DCE		1,2-DCP		1,2,3-TCP		tDCE		Benzene		Total COCs	
				ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³
DPE-2	32.8-47.3	5/10/2017	Primary	0.06	400	0.046	250	0.0076	30	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	0.0059	23	< 0.0022	< 10	< 0.002	< 12	0.003	12	< 0.003	< 9.6	0.1225	715
		5/17/2017	Primary	0.035	240	0.16	860	0.053	210	0.0056	23	< 0.0025	< 10	< 0.0039	< 10	0.013	52	< 0.0022	< 10	< 0.002	< 12	0.0073	29	0.0072	23	0.2811	1437
		10/4/2017	Primary	0.028	190	0.025	130	0.004	16	0.0054	22	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.0624	358
		10/11/2017	Primary	0.029	200	0.19	1000	0.097	390	0.0066	27	< 0.0025	< 10	< 0.0039	< 10	0.013	52	< 0.0022	< 10	< 0.002	< 12	0.01	40	0.01	30	0.3556	1739
		10/25/2017	Primary	0.046	310	0.25	1300	0.13	520	0.0087	35	< 0.005	< 20	< 0.0078	< 20	0.055	220	< 0.0044	< 20	< 0.004	< 24	0.024	95	0.012	38	0.5257	2518
		11/8/2017	Primary	0.081	550	0.39	2100	0.23	910	0.024	97	< 0.012	< 49	< 0.02	< 50	0.062	250	< 0.011	< 51	< 0.01	< 60	0.032	130	0.016	51	0.835	4088
		11/29/2017	Primary	0.082	560	0.27	1500	0.19	750	0.022	89	< 0.005	< 20	< 0.0078	< 20	0.049	190	< 0.0044	< 20	< 0.004	< 24	0.016	64	0.019	61	0.648	3214
		12/13/2017	Primary	0.061	410	0.22	1200	0.094	370	0.022	89	< 0.0025	< 10	< 0.0039	< 10	0.003	12	< 0.0022	< 10	< 0.002	< 12	0.0033	13	0.011	35	0.4143	2129
		12/27/2017	Primary	0.025	170	0.1	500	0.068	270	0.013 J	53 J	< 0.0025	< 10	0.0039	10	0.015	60	< 0.0022	< 10	< 0.002	< 12	0.0075	30	0.0044	14	0.2368	1107
DPE-3	32.9-47.4	9/21/2011	Primary	< 0.005	< 34	< 0.0051	< 27	< 0.005	< 20	< 0.005	< 20	< 0.0062	< 25	< 0.0098	< 25	< 0.005	< 20	< 0.0054	< 25	< 0.005	< 30	< 0.005	< 20	< 0.0075	< 24	ND	ND
		12/7/2011	Primary	< 0.002	< 14	< 0.002	< 11	< 0.002	< 7.9	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	ND	ND
		3/27/2012	Primary	0.16	1100	0.63	3400	0.1	400	0.21 J	850 J	< 0.0025	< 10	0.0043	11	0.013	52	< 0.0022	< 10	< 0.002	< 12	0.0025	9.9	0.0034	11	1.1232	5833.9
		6/4/2012	Primary	0.56	3800	0.22	1200	0.25	990	0.084	340	< 0.012	< 49	0.023	59	0.038	150	< 0.011	< 51	< 0.01	< 60.4	0.013	52	0.038	120	1.226	6711
		9/17/2012	Primary	0.15 J	1000 J	1.4 J	7500 J	0.11 J	440 J	0.052 J	210 J	< 0.0025	< 10	0.039 J	100 J	0.055 J	220 J	< 0.0022	< 10	< 0.002	< 12	0.016 J	64 J	27 J	86000 J	28.822	95534
		12/11/2012	Primary	< 0.4	< 3000	1.6 J	8600 J	< 0.4	< 2000	< 0.4	< 2000	< 0.49	< 2000	< 0.78 J	< 2000 J	< 0.4	< 2000	< 0.43	< 2000	< 0.4	< 2000	< 0.4	< 2000	16	51000	17.6	59600
		9/24/2013	Primary	0.2	1000	0.99	5300	0.063	250	< 0.03	< 100	< 0.038	< 150	< 0.058	< 150	< 0.03	< 100	< 0.033	< 150	< 0.03	< 200	< 0.03	< 100	< 0.045	< 140	1.253	6550
		12/17/2013	Primary	0.062	420	1.7	9100	0.22	870	0.029	120	0.037	150	0.011	28	0.078	310	< 0.0044	< 20	< 0.004	< 24	0.068	270	0.0067	21	2.2117	11289
		3/25/2014	Primary	0.038	260	0.74	4000	0.072	290	0.013	53	< 0.0062	< 25	< 0.0098	< 25	0.025	99	< 0.0055	< 25	< 0.005	< 30	< 0.005	< 20	< 0.0075	< 24	0.888	4702
		6/26/2014	Primary	0.065	440	0.84	4500	0.26	1000	< 0.04	< 200	< 0.05	< 200	< 0.078	< 200	< 0.04	< 200	< 0.044	< 200	< 0.04	< 200	< 0.04	< 200	< 0.06	< 200	1.165	5940
		9/23/2014	Primary	0.13	880	1	5000	0.34	1300	< 0.03	< 100	< 0.038	< 150	< 0.058	< 150	0.033	130	< 0.033	< 150	< 0.03	< 200	< 0.03	< 100	< 0.045	< 140	1.503	7310
		11/2/2016	Primary	0.054	370	1.1	5900	0.5	2000	0.058	240	< 0.05	< 200	< 0.078	< 200	< 0.04	< 200	< 0.044	< 200	< 0.04	< 200	< 0.04	< 200	< 0.06	< 200	1.712	8510
		11/16/2016	Primary	0.16	1100	0.77	4100	0.4	2000	0.041	170	< 0.025	< 100	< 0.039	< 100	< 0.02	< 80	< 0.022	< 100	< 0.02	< 100	< 0.02	< 80	< 0.03	< 100	1.371	7370
		12/14/2016	Primary	0.018	120	0.6	3000	0.37	1500	0.037	150	< 0.012	< 49	< 0.02	< 50	< 0.01	< 40	< 0.011	< 51	< 0.01	< 60	< 0.01	< 40	< 0.015	< 48	1.025	4770
		12/27/2016	Primary	0.03	200	0.6	3000	0.36	1400	0.038	150	< 0.025	< 100	< 0.039	< 100	< 0.02	< 80	< 0.022	< 100	< 0.02	< 100	< 0.02	< 80	< 0.03	< 100	1.028	4750
		3/22/2017	Primary	0.027	180	0.19	1000	0.059	230	0.015	61	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.291	1471
		4/5/2017	Primary	0.073	500	0.46	2500	0.23	910	0.05	200	< 0.0062	< 25	0.011 J	28 J	0.0095	38	< 0.0055	< 25	< 0.005	< 30	0.016	64	< 0.0075	< 24	0.8495	4240
		4/19/2017	Primary	0.037	250	0.11	590	0.013	52	0.005	20	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.165	912
		4/26/2017	Primary	0.0058	39	0.03	200	0.018	71	0.0022	8.9	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.056	318.9
		5/10/2017	Primary	0.04	300	0.19	1000	0.038	150	0.0065	26	< 0.005	< 20	< 0.0078	< 20	0.01	40	< 0.0044	< 20	< 0.004	< 24	< 0.004	< 16	< 0.006	< 19	0.2845	1516
		5/17/2017	Primary	0.03	200	0.42	2300	0.19	750	0.027	110	< 0.005	< 20	< 0.0078	< 20	0.0061	24	< 0.0044	< 20	< 0.004	< 24	0.0075	30	< 0.006	< 19	0.6806	3414
		10/4/2017	Primary	0.027	180	0.087	470	0.0078	31	0.0074	30	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.1292	711
		10/11/2017	Primary	0.036	240	0.088	470	0.038	150	0.016	65	< 0.005	< 20	< 0.0078	< 20	0.0057	23	< 0.0044	< 20	< 0.004	< 24	< 0.004	< 16	< 0.006	< 19	0.1837	948
		10/25/2017	Primary	0.048	330	0.29	1600	0.12	480	0.012	49	< 0.0025	< 10	< 0.0039	< 10	0.012	48	< 0.0022	< 10	< 0.002	< 12	0.016	64	0.014	45	0.512	2616
		11/8/2017	Primary	0.017	120	0.023	120	0.012	48	0.0045	18	< 0.0025	< 10	0.0052	13	0.0026	10	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	0.0053	17	0.0696	346
		11/29/2017	Primary	0.075	510	0.093	500	0.034	130	0.0077	31	< 0.005	< 20	< 0.0078	< 20	0.0078	31	< 0.0044	< 20	< 0.004	< 24	< 0.004	< 16	< 0.006	< 19	0.2175	1202
		12/13/2017	Primary	< 0.004	< 27	< 0.004	< 22	< 0.004	< 16	< 0.004	< 16	< 0.005	< 20	< 0.0078	< 20	< 0.004	< 16	< 0.0044	< 20	< 0.004	< 24	< 0.004	< 16	< 0.006	< 19	ND	ND
		12/27/2017	Primary	0.043	290	0.07	400	0.025	99	0.0074 J	30 J	< 0.0025	< 10	< 0.0039	< 10	0.0077	31	< 0.0022	< 10	< 0.002	< 12	0.0024	9.5	< 0.003	< 9.6	0.1555	859.5
DPE-4	32.8-47.1	9/21/2011	Primary	< 0.2	< 1000	< 0.2	< 1000	< 0.2	< 800	< 0.2	< 800	< 0.25	< 1000	< 0.39	< 1000	< 0.2	< 800	< 0.22	< 1000	< 0.2	< 1000	< 0.2	< 800	< 0.3	< 1000	ND	ND
		9/21/2011	Duplicate	< 0.15	< 1000	0.18	970	< 0.15	< 600	< 0.15	< 610	< 0.19	< 770	< 0.29	< 740	< 0.15	< 600	< 0.16	< 740	< 0.15	< 910	< 0.15	< 600	< 0.23	< 740	0.18	970
		12/27/2011	Primary	8	50000	1.8	9700	1.1	4400	0.67	2700	< 0.25	< 1000	< 0.39	< 1000	< 0.2	< 800	< 0.22	< 1000	< 0.2	< 1000	< 0.2	< 800	< 0.3	< 1000	11.57	66800
		3/27/2012	Primary	0.018	120	0.1	500	0.014	56	0.027 J	110 J	< 0.012	< 49	< 0.02	< 50	0.011	44	< 0.011	< 51	< 0.01	< 60.4	< 0.01	< 39.7	< 0.015	< 48	0.17	830
		6/4/2012	Primary	0.6	4000	0.2	1000	0.25	990	0.069	280	< 0.0049	< 20	0.018	46	0.03	100	0.0058	27	< 0.004	< 24	0.0093	37	0.026	83	1.2081	6563
		9/17/2012	Primary	< 0.002	< 14	< 0.002	< 11	< 0.002	< 7.9	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	0.025	80	0.025	80
		12/11/2012	Primary	0.032	220	1.9 J	10000 J	0.19	750	0.046 J	190 J	< 0.0025	< 10	0.048 J	120 J	0.021	83	< 0.0022	< 10	< 0.002	< 12	0.018	71	0.065	210	2.32	11644
		9/24/2013	Primary	0.29	2000	0.51	2700	0.24	950	< 0.05	< 200	< 0.062	< 250	< 0.098	< 250	< 0.05	< 200	< 0.055	< 250	< 0.05	< 300	< 0.05	< 200	< 0.075	< 240	1.04	5650
		12/17/2013	Primary	0.041	280	0.47	2500	0.45	1800	0.021	85	< 0.005	< 20	0.013	33	< 0.004	< 16	< 0.0044	< 20	< 0.004	< 24	0.014	56	0.0078	25	1.0168	4779
		3/25/2014	Primary	0.035	240	0.92	5000	0.53	2100	0.035	140	< 0.0062	< 25	0.015	38	0.0051	20	< 0.0055	< 25	< 0.005	< 30	0.011	44	< 0.0075	< 24	1.5511	7582
		6/26/2014	Primary	0.064	430	0.55	3000	0.46	1800	0.031	130	< 0.025	< 100	< 0.039	< 100	< 0.02	< 80	< 0.022	< 100	< 0.02	< 100	< 0.02	< 80	< 0.03	< 100	1.105	5360
		9/23/2014	Primary	0.069	470	0.36	1900	0.29	1200	0.022	89	< 0.0062	< 25	< 0.0098	< 25	< 0.005	< 20	< 0.0055	< 25	< 0.005	< 30	0.0061	24	< 0.0075	< 24	0.7471	3683
		10/26/2016	Primary	0.0022	15	0.005	27	0.00099	3.9	< 0.0005	< 2.0	0.0034	14	< 0.00098	< 2.5	< 0.0005	< 2.0	< 0.00055	< 2.5	< 0.0005	< 3.0	< 0.0005	< 2.0	< 0.00075	< 2.4	0.01159	59.9
		12/7/2016	Primary	0.035	240	0.17	910	0.07	300	0.013	53	< 0.0012	< 4.9	0.0038	9.7	0.023	91	< 0.0011	< 5.1	< 0.001	< 6.0	0.0097	39	0.011	35	0.3355	1677.7
		12/21/2016	Primary	0.021	140	0.15	810	0.053	210	0.011	45	< 0.005	< 20	< 0.0078	< 20	0.016	64	< 0.0044	< 20	< 0.004	< 24	0.0046	18	0.0082	26	0.2638	1313
		4/5/2017	Primary	0.0027	18	0.03	200	0.015	60	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.0477	278
		4/12/2017	Primary	0.05	300	0.14	750	0.065	260	0.012	49	< 0.0025	< 10	0.0044	11	0.02	80	< 0.0022	< 10	< 0.002	< 12	0.0078	31	0.0072	23	0.3064	1504
		4/26/2017	Primary	< 0.002	< 14	0.0087	47	0.004	16	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.0127	63
		5/3/2017	Primary	< 0.002	< 14	< 0.002	< 11	< 0.002	< 7.9	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	ND	ND
		5/17/2017	Primary	0.01	70	0.77	4100	0.54	2100	0.053	210	< 0.005	< 20	0.0098	25	0.0079	31	< 0.0044	< 20	< 0.004	< 24	0.018	71	< 0.006	< 19	1.4087	6607
		5/24/2017	Primary	0.034	230	0.13	700	0.043	170	0.012	49	< 0.00062	< 2.5	0.0027	6.9	0.009	36	< 0.00055	< 2.5	< 0.0005	< 3.0	0.0055	22	0.005	16	0.2412	1229.9

TABLE V
ANALYTICAL RESULTS FOR CHEMICALS OF CONCERN IN SOIL VAPOR
COOPER DRUM COMPANY SUPERFUND SITE
SOUTH GATE, CALIFORNIA

Well ID	Screen Interval (ft bgs)	Sample Date	Sample Type	PCE		TCE		cDCE		1,1-DCA		1,2-DCA		VC		1,1-DCE		1,2-DCP		1,2,3-TCP		tDCE		Benzene		Total COCs	
				ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³
DPE-4	32.8-47.1	10/4/2017	Primary	0.02	100	0.086	460	0.024	95	0.0092	37	< 0.0025	< 10	< 0.0039	< 10	0.0022	8.7	< 0.0022	< 10	< 0.002	< 12	0.0023	9.1	0.0046	15	0.1483	724.8
		10/11/2017	Primary	0.033	220	0.076	410	0.042	170	0.01	40	< 0.0025	< 10	< 0.0039	< 10	0.0029	12	< 0.0022	< 10	< 0.002	< 12	0.0029	12	0.0035	11	0.1703	875
		10/25/2017	Primary	0.027	180	0.059	320	0.047	190	0.0099	40	< 0.0025	< 10	< 0.0039	< 10	0.0032	13	< 0.0022	< 10	< 0.002	< 12	0.003	12	0.0043	14	0.1534	769
		11/8/2017	Primary	0.023	160	0.048	260	0.043	170	0.0091	37	< 0.0025	< 10	< 0.0039	< 10	0.0034	13	< 0.0022	< 10	< 0.002	< 12	0.0026	10	0.0042	13	0.1333	663
		11/29/2017	Primary	0.016	110	0.046	250	0.029	120	< 0.004	< 16	< 0.005	< 20	< 0.0078	< 20	< 0.004	< 16	< 0.0044	< 20	< 0.004	< 24	< 0.004	< 16	< 0.006	< 19	0.091	480
		12/13/2017	Primary	0.018	120	0.048	260	0.029	120	0.0073	30	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.1023	530
DPE-5	32.6-47.1	9/21/2011	Primary	< 0.0099	< 67	< 0.01	< 50	< 0.01	< 39.7	< 0.01	< 40	< 0.012	< 49	< 0.02	< 50	< 0.01	< 39.7	< 0.011	< 51	< 0.01	< 60.4	< 0.01	< 39.7	< 0.015	< 48	ND	ND
		12/7/2011	Primary	0.024	160	0.22	1200	0.063	250	0.072	290	< 0.025	< 100	< 0.039	< 100	0.035	140	< 0.022	< 100	< 0.02	< 100	< 0.02	< 80	< 0.03	< 100	0.414	2040
		3/27/2012	Primary	0.037	250	0.32	1700	0.17	670	0.13 J	530 J	< 0.012	< 49	< 0.02	< 50	0.061	240	< 0.011	< 51	< 0.01	< 60.4	0.018	71	< 0.015	< 48	0.736	3461
		6/4/2012	Primary	0.38	2600	0.14	750	0.18	710	0.052	210	< 0.012	< 49	< 0.02	< 50	0.022	87	< 0.011	< 51	< 0.01	< 60.4	< 0.01	< 39.7	0.017	54	0.791	4411
		9/17/2012	Primary	0.0057	39	0.032	170	0.013	52	0.0027	11	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	0.019	61	0.0724	333
		12/11/2012	Primary	0.033	220	1.9	10000	0.42	1700	0.21	850	< 0.0049	< 20	0.077 J	200 J	0.027	110	< 0.0043	< 20	< 0.004	< 24	0.033	130	0.0058	19	2.7058	13229
		3/26/2013	Primary	< 0.002	< 14	< 0.002	< 11	< 0.002	< 7.9	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	ND	ND
		12/17/2013	Primary	0.03	200	15	81000	7.3	29000	0.59	2400	< 0.0025	< 10	0.41	1000	0.12	480	< 0.0022	< 10	< 0.002	< 12	0.16	640	0.0031	9.9	23.6131	114729.9
		3/25/2014	Primary	< 0.2	< 1000	16	86000	5.8	23000	0.44	1800	< 0.25	< 1000	< 0.39	< 1000	< 0.2	< 800	< 0.22	< 1000	< 0.2	< 1000	< 0.2	< 800	< 0.3	< 1000	22.24	110800
		6/26/2014	Primary	< 0.5	< 3000	14	75000	6.1	24000	< 0.5	< 2000	< 0.62	< 2500	< 0.98	< 2500	< 0.5	< 2000	< 0.55	< 2500	< 0.5	< 3000	< 0.5	< 2000	< 0.75	< 2400	20.1	99000
		9/23/2014	Primary	< 0.2	< 1000	13	70000	5.1	20000	0.39	1600	< 0.25	< 1000	< 0.39	< 1000	< 0.2	< 800	< 0.22	< 1000	< 0.2	< 1000	< 0.2	< 800	< 0.3	< 1000	18.49	91600
		12/9/2014	Primary	< 0.1	< 700	3.4	18000	1.5	6000	0.11	450	< 0.12	< 490	< 0.2	< 500	< 0.1	< 400	< 0.11	< 510	< 0.1	< 600	< 0.1	< 400	< 0.15	< 480	5.01	24450
		3/26/2015	Primary	< 0.06	< 400	3.8	20000	1.6	6400	0.1	400	< 0.075	< 300	< 0.12	< 310	< 0.06	< 200	< 0.066	< 310	< 0.06	< 400	< 0.06	< 200	< 0.09	< 300	5.5	26800
		12/16/2015	Primary	0.02	100	0.13	700	0.11	440	< 0.01	< 40	< 0.012	< 49	< 0.02	< 50	< 0.01	< 40	< 0.011	< 51	< 0.01	< 60	< 0.01	< 40	< 0.015	< 48	0.26	1240
		10/26/2016	Primary	0.019	130	3.2	17000	1.5	6000	0.14	570	< 0.012	< 49	0.037	95	0.028	110	< 0.011	< 51	< 0.01	< 60	0.059	230	< 0.015	< 48	4.983	24135
		12/7/2016	Primary	< 0.025	< 170	3.1	17000	2.1	8300	0.16	650	< 0.031	< 130	< 0.049	< 130	0.029	120	< 0.028	< 130	< 0.025	< 150	0.061	240	< 0.038	< 120	5.45	26310
		12/21/2016	Primary	< 0.05	< 300	2	10000	1.5	6000	0.1	400	< 0.062	< 250	< 0.098	< 250	< 0.05	< 200	< 0.055	< 250	< 0.05	< 300	< 0.05	< 200	< 0.075	< 240	3.6	16400
		4/5/2017	Primary	0.0022	15	0.08	400	0.041	160	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.1232	575
		4/12/2017	Primary	0.012	82	1.5	8100	1.1	4400	0.11	450	< 0.012	< 49	0.046	120	0.024	95	< 0.011	< 51	< 0.01	< 60	0.041	160	< 0.015	< 48	2.833	13407
		4/26/2017	Primary	< 0.002	< 14	0.033	180	0.02	80	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.053	260
		5/3/2017	Primary	< 0.002	< 14	0.0081	44	0.0026	10	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.0107	54
		5/17/2017	Primary	< 0.1	< 700	3	20000	2.2	8700	0.16	650	< 0.12	< 490	< 0.2	< 500	< 0.1	< 400	< 0.11	< 510	< 0.1	< 600	< 0.1	< 400	< 0.15	< 480	5.36	29350
		5/24/2017	Primary	0.013	88	1.7	9100	1.1	4400	0.1	400	< 0.012	< 49	0.05	100	0.029	120	< 0.011	< 51	< 0.01	< 60	0.052	210	< 0.015	< 48	3.044	14418
		10/4/2017	Primary	0.0084	57	1.2	6500	0.67	2700	0.059	240	< 0.0025	< 10	< 0.0039	< 10	0.009	36	< 0.0022	< 10	< 0.002	< 12	0.029	120	< 0.003	< 9.6	1.9754	9653
		10/11/2017	Primary	0.009	61	1.6	8600	0.91	3600	0.082	330	< 0.005	< 20	0.036	92	0.018	71	< 0.0044	< 20	< 0.004	< 24	0.036	140	< 0.006	< 19	2.691	12894
		10/25/2017	Primary	0.0081	55	1.2	6500	0.66	2600	0.07	300	< 0.005	< 20	0.037	95	0.019	75	< 0.0044	< 20	< 0.004	< 24	0.031	120	< 0.006	< 19	2.0251	9745
		11/8/2017	Primary	< 0.01	< 70	0.91	4900	0.51	2000	0.036	150	< 0.012	< 49	< 0.02	< 50	0.013	52	< 0.011	< 51	< 0.01	< 60	0.017	67	< 0.015	< 48	1.486	7169
		11/29/2017	Primary	0.015	100	0.14	750	0.12	480	0.033	130	< 0.012	< 49	< 0.02	< 50	< 0.01	< 40	< 0.011	< 51	< 0.01	< 60	< 0.01	< 40	< 0.015	< 48	0.308	1460
		12/13/2017	Primary	0.0047	32	0.66	3600	0.39	1500	0.045	180	< 0.005	< 20	0.015	38	0.013	52	< 0.0044	< 20	< 0.004	< 24	0.016	64	< 0.006	< 19	1.1437	5466
		12/27/2017	Primary	< 0.004	< 27	0.38	2000	0.26	1000	0.029 J	120 J	< 0.005	< 20	0.012	31	0.013	52	< 0.0044	< 20	< 0.004	< 24	0.011	44	< 0.006	< 19	0.705	3247
DPE-6	32.6-47	9/21/2011	Primary	< 0.06	< 400	< 0.061	< 330	< 0.06	< 200	< 0.06	< 200	< 0.074	< 300	< 0.12	< 310	< 0.06	< 200	< 0.065	< 300	< 0.06	< 400	< 0.06	< 200	< 0.09	< 300	ND	ND
		12/7/2011	Primary	0.18	1200	0.3	2000	0.25	990	0.21	850	< 0.025	< 100	0.07	200	0.035	140	< 0.022	< 100	< 0.02	< 100	0.023	91	< 0.03	< 100	1.068	5471
		3/27/2012	Primary	< 0.0099	< 67	0.015	81	< 0.01	< 39.7	< 0.01	< 40	< 0.012	< 49	< 0.02	< 50	< 0.01	< 39.7	< 0.011	< 51	< 0.01	< 60.4	< 0.01	< 39.7	< 0.015	< 48	0.015	81
		6/4/2012	Primary	0.52	3500	0.18	970	0.2	800	0.064	260	< 0.012	< 49	< 0.02	< 50	0.028	110	< 0.011	< 51	< 0.01	< 60.4	< 0.01	< 39.7	0.024	77	1.016	5717
		9/17/2012	Primary	0.066	450	0.24	1300	0.61	2400	0.15	610	< 0.0025	< 10	0.047	120	0.025	99	< 0.0022	< 10	< 0.002	< 12	0.061	240	0.31	990	1.509	6209
		12/11/2012	Primary	0.06	400	1	5000	6.7	27000	2.7	11000	0.047	190	0.55	1400	0.27	1100	< 0.032	< 150	< 0.03	< 200	0.6	2000	< 0.045	< 140	11.927	48090
		7/2/2013	Primary	0.091	620	0.13	700	0.063	250	< 0.03	< 100	< 0.037	< 150	< 0.059	< 150	< 0.03	< 100	< 0.032	< 150	< 0.03	< 200	< 0.03	< 100	< 0.045	< 140	0.284	1570
		12/17/2013	Primary	0.033	220	0.12	650	0.4	2000	0.013	53	< 0.0025	< 10	< 0.0039	< 10	0.002	7.9	< 0.0022	< 10	< 0.002	< 12	0.015	60	< 0.003	< 9.6	0.583	2990.9
		3/25/2014	Primary	0.03	200	0.29	1600	0.45	1800	0.025	100	< 0.0025	< 10	0.013	33	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	0.014	56	< 0.003	< 9.6	0.822	3789
		6/26/2014	Primary	0.09	600	0.4	2000	0.59	2300	0.028	110	< 0.012	< 49	0.028	72	< 0.01	< 40	< 0.011	< 51	< 0.01	< 60	0.019	75	< 0.015	< 48	1.155	5157
		9/23/2014	Primary	0.058	390	0.41	2200	0.48	1900	0.028	110	< 0.019	< 77	< 0.029	< 74	< 0.015	< 60	< 0.016	< 74	< 0.015	< 91	< 0.015	< 60	< 0.022	< 70	0.976	4600
		10/26/2016	Primary	0.042	290	0.059	320	0.071	280	0.034	140	< 0.0025	< 10	0.018	46	0.0083	33	< 0.0022	< 10	< 0.002	< 12	0.005	20	< 0.003	< 9.6	0.2373	1129
		12/7/2016	Primary	0.026	180	0.054	290	0.097	390	0.06	200	< 0.0025	< 10	0.02	50	0.019	75	< 0.0022	< 10	< 0.002	< 12	0.01	40	< 0.003	< 9.6	0.286	1225
		12/21/2016	Primary	0.016	110	0.037	200	0.057	230	0.046	190	< 0.0025	< 10	0.013	33	0.012	48	< 0.0022	< 10	< 0.002	< 12	0.0054	21	< 0.003	< 9.6	0.1864	832
		4/5/2017	Primary	0.0035	24	0.0092	50	0.0044	17	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.0171	91
		4/12/2017	Primary	0.049	330	0.076	410	0.098	390	0.056	230	< 0.0025	< 10	0.016	41	0.018	71	< 0.0022	< 10	< 0.002	< 12	0.009	36	< 0.003	< 9.6	0.322	1508
		4/26/2017	Primary	< 0.002	< 14	0.003	16	< 0.002	< 7.9	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.003	16
		5/3/2017	Primary	< 0.002	< 14	< 0.002	< 11	< 0.002	< 7.9	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	ND	ND
		5/17/2017	Primary	0.019	130	0.047	250	0.082	330	0.058	240	< 0.0025	< 10	0.027	69	0.015	60	< 0.0022	< 10	< 0.002	< 12	0.012	48	< 0.003	< 9.6	0.26	1127
		5/24/2017	Primary	0.036	240	0.048	260	0.067	270	0.049	200	< 0.00062	< 2.5	0.0098	25	0.0087	35	0.001	4.6	< 0.0005	< 3.0	0.0061	24	0.0013	4.2	0.2269	1062.8
		10/4/2017	Primary	0.088	600	0.11	590	0.042	170	0.041	170	< 0.0025	< 10	0.011	28	0.0085	34	< 0.0022	< 10	< 0.002	< 12	0.0063	25	< 0.003	< 9.6	0.3068	1617
		10/11/2017	Primary	0.053	360	0.28	1500	0.2	800	0.068	280	< 0.005	< 20	0.019	49	0.017	67	< 0.0044	< 20	< 0.004	< 24	0.017	67	< 0.006	< 19	0.654	3123

TABLE V
ANALYTICAL RESULTS FOR CHEMICALS OF CONCERN IN SOIL VAPOR
COOPER DRUM COMPANY SUPERFUND SITE
SOUTH GATE, CALIFORNIA

Well ID	Screen Interval (ft bgs)	Sample Date	Sample Type	PCE		TCE		cDCE		1,1-DCA		1,2-DCA		VC		1,1-DCE		1,2-DCP		1;2,3-TCP		tDCE		Benzene		Total COCs	
				ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³
DPE-6	32.6-47	10/25/2017	Primary	0.036	240	0.24	1300	0.18	710	0.056	230	< 0.005	< 20	0.015	38	0.017	67	< 0.0044	< 20	< 0.004	< 24	0.017	67	< 0.006	< 19	0.561	2652
		11/8/2017	Primary	0.022	150	0.26	1400	0.2	800	0.034	140	< 0.012	< 49	0.033	84	0.017	67	< 0.011	< 51	< 0.01	< 60	0.013	52	< 0.015	< 48	0.579	2693
		11/29/2017	Primary	0.012	82	0.084	450	0.07	300	0.015	61	< 0.012	< 49	< 0.02	< 50	< 0.01	< 40	< 0.011	< 51	< 0.01	< 60	< 0.01	< 40	< 0.015	< 48	0.181	893
		12/13/2017	Primary	< 0.004	< 27	< 0.004	< 22	< 0.004	< 16	< 0.004	< 16	< 0.005	< 20	< 0.0078	< 20	< 0.004	< 16	< 0.0044	< 20	< 0.004	< 24	< 0.004	< 16	< 0.006	< 19	ND	ND
		12/27/2017	Primary	0.015	100	0.13	700	0.11	440	0.031 J	130 J	< 0.0025	< 10	0.013	33	0.011	44	< 0.0022	< 10	< 0.002	< 12	0.012	48	< 0.003	< 9.6	0.322	1495
DPE-7	8-48	2/23/2011	Primary	57	390000	13	70000	5.5	22000	11	45000	< 1.2	< 4900	< 2	< 5100	< 1.3	< 5200	< 1.1	< 5100	< 0.83	< 5000	< 1.3	< 5200	< 1.6	< 5100	86.5	527000
		4/12/2011	Primary	15	100000	1.1	5900	0.23	910	0.82	3300	< 0.3	< 1000	< 0.4	< 1000	< 0.2	< 800	< 0.3	< 1000	< 0.2	< 1000	< 0.2	< 800	< 0.3	< 1000	17.15	110110
		12/7/2011	Primary	3.8	26000	0.74	4000	< 0.2	< 800	0.77	3100	< 0.25	< 1000	< 0.39	< 1000	< 0.2	< 800	< 0.22	< 1000	< 0.2	< 1000	< 0.2	< 800	< 0.3	< 1000	5.31	33100
		3/27/2012	Primary	0.15	1000	0.22	1200	0.04	200	0.12 J	490 J	< 0.0049	< 20	< 0.0078	< 20	0.015	60	< 0.0043	< 20	< 0.004	< 24	0.0076	30	< 0.006	< 19	0.5526	2980
		6/4/2012	Primary	0.046	310	0.0037	20	< 0.002	< 7.9	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.0497	330
		6/4/2012	Duplicate	0.044	300	0.0035	19	< 0.002	< 7.9	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.0475	319
		9/17/2012	Primary	3.7	25000	0.24	1300	0.073	290	0.18	730	< 0.0025	< 10	< 0.0039	< 10	0.0078	31	0.0022	10	< 0.002	< 12	0.0071	28	< 0.003	< 9.6	4.2101	27389
		12/11/2012	Primary	6.3	43000	< 0.77	< 4100	< 0.75	< 3000	< 0.75	< 3000	< 0.93	< 3800	< 1.5	< 3800	< 0.75	< 3000	< 0.81	< 3700	< 0.75	< 4500	< 0.75	< 3000	< 1.1	< 3500	6.3	43000
		3/26/2013	Primary	4.1	28000	< 0.31	< 1700	< 0.3	< 1000	< 0.3	< 1000	< 0.37	< 1500	< 0.59	< 1500	< 0.3	< 1000	< 0.32	< 1500	< 0.3	< 2000	< 0.3	< 1000	< 0.45	< 1400	4.1	28000
		7/2/2013	Primary	3.2	22000	0.17	910	< 0.1	< 400	< 0.1	< 400	< 0.12	< 490	< 0.2	< 500	< 0.1	< 400	< 0.11	< 510	< 0.1	< 600	< 0.1	< 400	< 0.15	< 480	3.37	22910
		9/24/2013	Primary	3.7	25000	0.2	1000	< 0.2	< 800	< 0.2	< 800	< 0.25	< 1000	< 0.39	< 1000	< 0.2	< 800	< 0.22	< 1000	< 0.2	< 1000	< 0.2	< 800	< 0.3	< 1000	3.9	26000
		12/17/2013	Primary	1.5	10000	0.065	350	< 0.05	< 200	< 0.05	< 200	< 0.062	< 250	< 0.098	< 250	< 0.05	< 200	< 0.055	< 250	< 0.05	< 300	< 0.05	< 200	< 0.075	< 240	1.565	10350
		3/25/2014	Primary	0.98	6700	0.053	290	< 0.04	< 200	< 0.04	< 200	< 0.05	< 200	< 0.078	< 200	< 0.04	< 200	< 0.044	< 200	< 0.04	< 200	< 0.04	< 200	< 0.06	< 200	1.033	6990
		6/26/2014	Primary	2.7	18000	0.21	1100	0.14	560	< 0.05	< 200	< 0.062	< 250	< 0.098	< 250	< 0.05	< 200	< 0.055	< 250	< 0.05	< 300	< 0.05	< 200	< 0.075	< 240	3.05	19660
		9/23/2014	Primary	2.5	17000	0.11	590	< 0.06	< 200	< 0.06	< 200	< 0.075	< 300	< 0.12	< 310	< 0.06	< 200	< 0.066	< 310	< 0.06	< 400	< 0.06	< 200	< 0.09	< 300	2.61	17590
		12/9/2014	Primary	1.1	7500	0.043	230	< 0.03	< 100	< 0.03	< 100	< 0.038	< 150	< 0.058	< 150	< 0.03	< 100	< 0.033	< 150	< 0.03	< 200	< 0.03	< 100	< 0.045	< 140	1.143	7730
		3/26/2015	Primary	0.9	6000	0.035	190	< 0.015	< 60	< 0.015	< 61	< 0.019	< 77	< 0.029	< 74	< 0.015	< 60	< 0.016	< 74	< 0.015	< 91	< 0.015	< 60	< 0.022	< 70	0.935	6190
		12/16/2015	Primary	0.22	1500	0.016	86	< 0.01	< 40	< 0.01	< 40	< 0.012	< 49	< 0.02	< 50	< 0.01	< 40	< 0.011	< 51	< 0.01	< 60	< 0.01	< 40	< 0.015	< 48	0.236	1586
		11/2/2016	Primary	0.84	5700	0.068	370	0.041	160	< 0.01	< 40	< 0.012	< 49	< 0.02	< 50	< 0.01	< 40	< 0.011	< 51	< 0.01	< 60	< 0.01	< 40	< 0.015	< 48	0.949	6230
		11/16/2016	Primary	0.84	5700	0.07	400	0.037	150	< 0.01	< 40	< 0.012	< 49	< 0.02	< 50	< 0.01	< 40	< 0.011	< 51	< 0.01	< 60	< 0.01	< 40	< 0.015	< 48	0.947	6250
		12/14/2016	Primary	0.72	4900	0.059	320	0.026	100	< 0.02	< 80	< 0.025	< 100	< 0.039	< 100	< 0.02	< 80	< 0.022	< 100	< 0.02	< 100	< 0.02	< 80	< 0.03	< 100	0.805	5320
		12/27/2016	Primary	0.58	3900	0.051	270	< 0.02	< 80	< 0.02	< 80	< 0.025	< 100	< 0.039	< 100	< 0.02	< 80	< 0.022	< 100	< 0.02	< 100	< 0.02	< 80	< 0.03	< 100	0.631	4170
		3/22/2017	Primary	1.6	11000	0.088	470	0.011	44	0.022	89	< 0.0062	< 25	< 0.0098	< 25	< 0.005	< 20	< 0.0055	< 25	< 0.005	< 30	< 0.005	< 20	< 0.0075	< 24	1.721	11603
		4/5/2017	Primary	0.73	5000	0.14	750	0.042	170	0.02	80	< 0.0062	< 25	< 0.0098	< 25	< 0.005	< 20	< 0.0055	< 25	< 0.005	< 30	0.0072	29	< 0.0075	< 24	0.9392	6029
		4/12/2017	Primary	0.076	520	0.0021	11	< 0.002	< 7.9	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.0781	531
		4/19/2017	Primary	< 0.002	< 14	< 0.002	< 11	< 0.002	< 7.9	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	ND	ND
		4/19/2017	Primary	0.14	950	0.01	50	0.0049	19	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.1549	1019
		4/26/2017	Primary	0.71	4800	0.068	370	0.044	170	0.013	53	< 0.012	< 49	< 0.02	< 50	< 0.01	< 40	< 0.011	< 51	< 0.01	< 60	< 0.01	< 40	< 0.015	< 48	0.835	5393
		5/3/2017	Primary	< 0.002	< 14	< 0.002	< 11	< 0.002	< 7.9	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	ND	ND
		5/10/2017	Primary	0.85	5800	0.055	300	0.026	100	< 0.01	< 40	< 0.012	< 49	< 0.02	< 50	< 0.01	< 40	< 0.011	< 51	< 0.01	< 60	< 0.01	< 40	< 0.015	< 48	0.931	6200
		5/10/2017	Primary	0.89	6000	0.046	250	0.023	91	< 0.01	< 40	< 0.012	< 49	< 0.02	< 50	< 0.01	< 40	< 0.011	< 51	< 0.01	< 60	< 0.01	< 40	< 0.015	< 48	0.959	6341
		5/17/2017	Primary	0.99	6700	0.077	410	0.036	140	0.01	40	< 0.012	< 49	< 0.02	< 50	< 0.01	< 40	< 0.011	< 51	< 0.01	< 60	< 0.01	< 40	< 0.015	< 48	1.113	7290
		5/24/2017	Primary	1.3	8800	0.074	400	0.041	160	0.018	73	< 0.012	< 49	< 0.02	< 50	< 0.01	< 40	< 0.011	< 51	< 0.01	< 60	< 0.01	< 40	< 0.015	< 48	1.433	9433
		10/4/2017	Primary	0.72	4900	1.7	9100	0.051	200	0.051	210	< 0.0025	< 10	< 0.0039	< 10	0.0022	8.7	< 0.0022	< 10	< 0.002	< 12	0.0037	15	< 0.003	< 9.6	2.5279	14433.7
		10/11/2017	Primary	1.2	8200	0.08	400	0.25	990	0.017	69	< 0.005	< 20	< 0.0078	< 20	< 0.004	< 16	< 0.0044	< 20	< 0.004	< 24	< 0.004	< 16	< 0.006	< 19	1.547	9659
		10/25/2017	Primary	1.8	12000	0.079	430	0.13	520	0.019	77	< 0.005	< 20	< 0.0078	< 20	< 0.004	< 16	< 0.0044	< 20	< 0.004	< 24	< 0.004	< 16	< 0.006	< 19	2.028	13027
		11/8/2017	Primary	1.6	11000	0.073	390	0.087	350	0.013	53	< 0.012	< 49	< 0.02	< 50	< 0.01	< 40	< 0.011	< 51	< 0.01	< 60	< 0.01	< 40	< 0.015	< 48	1.773	11793
		11/29/2017	Primary	1.7	12000	0.06	300	0.061	240	< 0.02	< 80	< 0.025	< 100	< 0.039	< 100	< 0.02	< 80	< 0.022	< 100	< 0.02	< 100	< 0.02	< 80	< 0.03	< 100	1.821	12540
		12/13/2017	Primary	2.4	16000	0.083	450	0.079	310	0.022	89	< 0.005	< 20	< 0.0078	< 20	< 0.004	< 16	< 0.0044	< 20	< 0.004	< 24	< 0.004	< 16	< 0.006	< 19	2.584	16849
		12/27/2017	Primary	1.2	8200	0.049	260	0.051	200	0.011 J	45 J	< 0.012	< 49	< 0.02	< 50	< 0.01	< 40	< 0.011	< 51	< 0.01	< 60	< 0.01	< 40	< 0.015	< 48	1.311	8705
DPE-8	32.6-47	9/21/2011	Primary	< 0.0099	< 67	< 0.01	< 50	< 0.01	< 39.7	< 0.01	< 40	< 0.012	< 49	< 0.02	< 50	< 0.01	< 39.7	< 0.011	< 51	< 0.01	< 60.4	< 0.01	< 39.7	< 0.015	< 48	ND	ND
		12/7/2011	Primary	0.049	330	0.084	450	0.091	360	0.072	290	< 0.0049	< 20	0.032	82	0.0096	38	< 0.0043	< 20	< 0.004	< 24	0.0091	36	< 0.006	< 19	0.3467	1586
		3/27/2012	Primary	0.56	3800	0.84	4500	0.61	2400	0.52	2100	< 0.012	< 49	< 0.02	< 50	0.12	480	< 0.011	< 51	< 0.01	< 60.4	0.021	83	< 0.015	< 48	2.671	13363
		6/4/2012	Primary	0.65	4400	0.22	1200	0.24	950	0.074	300	< 0.049	< 200	< 0.078	< 200	< 0.04	< 200	< 0.043	< 200	< 0.04	< 200	< 0.04	< 200	< 0.06	< 200	1.184	6850
		9/17/2012	Primary	< 0.002	< 14	< 0.002	< 11	0.068	270	0.089	360	< 0.0025	< 10	0.035	90	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	0.015	60	< 0.003	< 9.6	0.207	780
		12/11/2012	Primary	0.026	180	0.033	180	0.013	52	0.014	57	< 0.0049	< 20	< 0.0078	< 20	< 0.004	< 16	< 0.0043	< 20	< 0.004	< 24	< 0.004	< 16	< 0.006	< 19	0.086	469
		12/17/2013	Primary	0.009	61	0.2	1000	0.15	600	0.0074	30	< 0.0062	< 25	< 0.0098	< 25	< 0.005	< 20	< 0.0055	< 25	< 0.005	< 30	< 0.005	< 20	< 0.0075	< 24	0.3664	1691
		3/25/2014	Primary	0.028	190	0.27	1500	0.093	370	0.012	49	< 0.0062	< 25	< 0.0098	< 25	< 0.005	< 20	< 0.0055	< 25	< 0.005	< 30	< 0.005	< 20	< 0.0075	< 24	0.403	2109
		6/26/2014	Primary	0.051	350	0.032	170	< 0.01	< 40	< 0.01	< 40	< 0.012	< 49	< 0.02	< 50	< 0.01	< 40	< 0.011	< 51	< 0.01	< 60	< 0.01	< 40	< 0.015	< 48	0.083	520
		9/23/2014	Primary	0.029	200	0.023	120	0.0068	27	0.0032	13	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.062	360
		10/26/2016	Primary	0.034	230	0.16	860	0.056	220	0.03	100	< 0.0025	< 10	0.0072	18	0.0058	23	< 0.0022	< 10	< 0.002	< 12	0.0036	14	< 0.003	< 9.6	0.2966	1465
		12/7/2016	Primary	0.038	260	0.017	91	0.024	95	0.023	93	< 0.0012	< 4.9	0.0088	23	0.0044	17	0.0013	6.0	< 0.001	< 6.0	0.0043	17	< 0.0015	< 4.8	0.1208	602
		12/21/2016	Primary	0.031	210	0.017	91	0.02	80	0.022	89	< 0.0012	< 4.9	0.0073	19	0.0037	15	0.0013	6.0	< 0.001	< 6.0	0.0031	12	< 0.0015	< 4.8	0.1054	522

TABLE V
ANALYTICAL RESULTS FOR CHEMICALS OF CONCERN IN SOIL VAPOR
COOPER DRUM COMPANY SUPERFUND SITE
SOUTH GATE, CALIFORNIA

Well ID	Screen Interval (ft bgs)	Sample Date	Sample Type	PCE		TCE		cDCE		1,1-DCA		1,2-DCA		VC		1,1-DCE		1,2-DCP		1,2,3-TCP		tDCE		Benzene		Total COCs	
				ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³
DPE-8	32.6-47	4/5/2017	Primary	< 0.002	< 14	0.004	22	< 0.002	< 7.9	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.004	22
		4/12/2017	Primary	0.067	460	0.031	170	0.044	170	0.033	130	< 0.0025	< 10	0.015	38	0.0062	25	< 0.0022	< 10	< 0.002	< 12	0.0048	19	< 0.003	< 9.6	0.201	1012
		4/26/2017	Primary	< 0.002	< 14	< 0.002	< 11	< 0.002	< 7.9	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	ND	ND
		5/3/2017	Primary	< 0.002	< 14	< 0.002	< 11	< 0.002	< 7.9	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	ND	ND
		5/17/2017	Primary	0.01	70	0.049	260	0.028	110	0.054	220	< 0.0025	< 10	0.033	84	0.0084	33	0.0023	11	< 0.002	< 12	0.0056	22	< 0.003	< 9.6	0.1903	810
		5/24/2017	Primary	0.015	100	0.014	75	0.018	71	0.02	80	< 0.00062	< 2.5	0.014	36	0.003	12	0.0015	6.9	0.00063	3.8	0.0037	15	0.0015	4.8	0.09133	404.5
		10/4/2017	Primary	0.026	180	0.036	190	0.0091	36	0.037	150	< 0.0025	< 10	0.019	49	0.0024	9.5	< 0.0022	< 10	< 0.002	< 12	0.0039	15	< 0.003	< 9.6	0.1334	629.5
		10/11/2017	Primary	0.05	300	0.041	220	0.049	190	0.059	240	< 0.0025	< 10	0.033	84	0.0084	33	< 0.0022	< 10	< 0.002	< 12	0.0065	26	0.0038	12	0.2507	1105
		10/25/2017	Primary	0.044	300	0.036	190	0.077	310	0.061	250	< 0.005	< 20	0.02	50	0.0073	29	< 0.0044	< 20	< 0.004	< 24	0.0062	25	< 0.006	< 19	0.2515	1154
		11/8/2017	Primary	0.022	150	0.02	100	0.061	240	0.039	160	< 0.005	< 20	0.0091	23	< 0.004	< 16	< 0.0044	< 20	< 0.004	< 24	< 0.004	< 16	< 0.006	< 19	0.1511	673
		11/29/2017	Primary	0.013	88	0.016	86	0.044	170	0.027	110	< 0.005	< 20	< 0.0078	< 20	< 0.004	< 16	< 0.0044	< 20	< 0.004	< 24	< 0.004	< 16	< 0.006	< 19	0.1	454
		12/13/2017	Primary	< 0.004	< 27	< 0.002	< 11	< 0.002	< 7.9	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	ND	ND
DPE-9	32.9-47.5	9/21/2011	Primary	< 0.05	< 300	0.06	300	0.063	250	< 0.05	< 200	< 0.062	< 250	< 0.098	< 250	< 0.05	< 200	< 0.054	< 250	< 0.05	< 300	< 0.05	< 200	< 0.075	< 240	0.123	550
		12/7/2011	Primary	0.005	34	0.0039	21	0.0045	18	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.0134	73
		3/27/2012	Primary	0.075	510	0.11	590	0.066	260	0.049	200	< 0.0025	< 10	0.023	59	0.028	110	0.017	79	< 0.002	< 12	0.03	100	0.015	48	0.413	1956
		6/4/2012	Primary	0.12	820	0.041	220	0.05	200	0.014	57	< 0.012	< 49	< 0.02	< 50	< 0.01	< 39.7	< 0.011	< 51	< 0.01	< 60.4	< 0.01	< 39.7	< 0.015	< 48	0.225	1297
		9/17/2012	Primary	< 0.002	< 14	< 0.002	< 11	< 0.002	< 7.9	0.002	8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.002	8.1
		9/17/2012	Duplicate	0.0021	14	< 0.002	< 11	< 0.002	< 7.9	0.0022	8.9	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.0043	22.9
		12/11/2012	Primary	0.053	360	0.061	330	0.13	520	0.046	190	< 0.0025	< 10	0.0063	16	0.1	400	< 0.0022	< 10	< 0.002	< 12	0.0085	34	0.2	600	0.6048	2450
		12/17/2013	Primary	< 0.1	< 700	< 0.1	< 500	< 0.1	< 400	< 0.1	< 400	< 0.12	< 490	< 0.2	< 500	< 0.1	< 400	< 0.11	< 510	< 0.1	< 600	< 0.1	< 400	< 0.15	< 480	ND	ND
		3/25/2014	Primary	0.06	400	0.06	300	0.041	160	0.017	69	< 0.0062	< 25	< 0.0098	< 25	< 0.005	< 20	< 0.0055	< 25	< 0.005	< 30	< 0.005	< 20	< 0.0075	< 24	0.178	929
		6/26/2014	Primary	0.075	510	0.064	340	0.034	130	0.011	45	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	0.0023	11	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.1863	1036
		9/23/2014	Primary	0.02	100	0.013	70	0.0083	33	0.0025	10	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.0438	213
		12/16/2015	Primary	0.028	190	0.064	340	0.0081	32	0.0049	20	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.105	582
		10/4/2017	Primary	0.039	260	0.016	86	0.0042	17	0.0067	27	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	0.0023	11	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.0682	401
		10/11/2017	Primary	0.026	180	0.02	100	0.0062	25	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.0522	305
		10/25/2017	Primary	0.034	230	0.026	140	0.011	44	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	0.002	7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.073	421.9
		11/8/2017	Primary	0.056	380	0.028	150	0.015	60	0.0033	13	< 0.0025	< 10	< 0.0039	< 10	0.0034	13	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.1057	616
DPE-10	33-47.4	9/21/2011	Primary	< 0.0099	< 67	0.022	120	0.023	91	0.011	45	< 0.012	< 49	< 0.02	< 50	< 0.01	< 39.7	< 0.011	< 51	< 0.01	< 60.4	< 0.01	< 39.7	< 0.015	< 48	0.056	256
		12/7/2011	Primary	0.12	820	0.11	590	0.23	910	0.12	490	< 0.025	< 100	0.086	220	< 0.02	< 80	< 0.022	< 100	< 0.02	< 100	< 0.02	< 80	< 0.03	< 100	0.666	3030
		3/27/2012	Primary	0.25	1700	0.69	3700	0.73	2900	0.49	2000	< 0.012	< 49	0.19	490	0.12	480	0.078	360	< 0.01	< 60.4	0.12	480	0.066	210	2.734	12320
		6/4/2012	Primary	0.75	5100	0.24	1300	0.33	1300	0.096	390	< 0.037	< 150	< 0.059	< 150	0.038	150	< 0.032	< 150	< 0.03	< 200	< 0.03	< 100	0.05	200	1.504	8440
		9/17/2012	Primary	0.056	380	0.1	500	0.11	440	0.062	250	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.328	1570
		12/11/2012	Primary	0.041	280	0.055	300	0.07	300	0.033	130	< 0.0025	< 10	< 0.0039	< 10	0.003	12	0.0023	11	< 0.002	< 12	0.0035	14	< 0.003	< 9.6	0.2078	1047
		12/17/2013	Primary	0.056	380	0.037	200	0.025	99	0.01	40	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.128	719
		3/25/2014	Primary	0.085	580	0.08	400	0.015	60	0.0079	32	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.1879	1072
		6/26/2014	Primary	0.052	350	0.042	230	0.0093	37	0.0045	18	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.1078	635
		10/25/2017	Primary	0.045	310	0.016	86	0.01	40	< 0.004	< 16	< 0.005	< 20	< 0.0078	< 20	< 0.004	< 16	< 0.0044	< 20	< 0.004	< 24	< 0.004	< 16	< 0.006	< 19	0.071	436
		11/8/2017	Primary	0.055	370	0.019	100	0.0077	31	< 0.004	< 16	< 0.005	< 20	< 0.0078	< 20	< 0.004	< 16	< 0.0044	< 20	< 0.004	< 24	< 0.004	< 16	< 0.006	< 19	0.0817	501
		11/29/2017	Primary	0.033	220	0.023	120	0.0098	39	< 0.004	< 16	< 0.005	< 20	< 0.0078	< 20	< 0.004	< 16	< 0.0044	< 20	< 0.004	< 24	< 0.004	< 16	< 0.006	< 19	0.0658	379
		12/13/2017	Primary	< 0.004	< 27	< 0.004	< 22	< 0.004	< 16	< 0.004	< 16	< 0.005	< 20	< 0.0078	< 20	< 0.004	< 16	< 0.0044	< 20	< 0.004	< 24	< 0.004	< 16	< 0.006	< 19	ND	ND
DPE-11	32.5-46.9	12/13/2017	Primary	< 0.002	< 14	< 0.002	< 11	< 0.002	< 7.9	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	ND	ND
		9/21/2011	Primary	< 0.05	< 300	< 0.051	< 270	0.055	220	< 0.05	< 200	< 0.062	< 250	< 0.098	< 250	< 0.05	< 200	< 0.054	< 250	< 0.05	< 300	< 0.05	< 200	< 0.075	< 240	0.055	220
		12/7/2011	Primary	0.22	1500	0.6	3000	1	4000	0.62	2500	< 0.049	< 200	< 0.078	< 200	0.071	280	< 0.043	< 200	< 0.04	< 200	0.04	200	< 0.06	< 200	2.551	11480
		3/27/2012	Primary	0.052	350	0.18	970	0.3	1000	0.2	800	< 0.049	< 200	< 0.078	< 200	< 0.04	< 200	< 0.043	< 200	< 0.04	< 200	< 0.04	< 200	< 0.06	< 200	0.732	3120
		3/27/2012	Duplicate	0.053	360	0.18	970	0.28	1100	0.19	770	< 0.049	< 200	< 0.078	< 200	< 0.04	< 200	< 0.043	< 200	< 0.04	< 200	< 0.04	< 200	< 0.06	< 200	0.703	3200
		6/4/2012	Primary	0.49	3300	0.16	860	0.22	870	0.064	260	< 0.037	< 150	< 0.059	< 150	0.033	130	< 0.032	< 150	< 0.03	< 200	< 0.03	< 100	< 0.045	< 140	0.967	5420
		9/17/2012	Primary	0.021	140	0.026	140	0.013	52	0.014	57	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.074	389
		12/11/2012	Primary	0.085	580	0.12 J	650 J	0.18	710	0.47 J	1900 J	0.014	57	0.18	460	0.0099	39	0.012	56	< 0.002	< 12	0.11	440	0.024	77	1.2049	4969
		12/11/2012	Duplicate	0.065	440	0.13	700	0.17	670	0.42	1700	0.016	65	0.18	460	0.011	44	0.014	65	< 0.002	< 12	0.11	440	0.028	90	1.144	4674
		9/24/2013	Primary	0.042	290	0.053	290	0.017	67	0.0036	15	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.1156	662
		12/17/2013	Primary	0.0088	60	0.049	260	0.0097	39	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.0675	359
		3/25/2014	Primary	0.009	61	0.026	140	0.0055	22	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.0405	223
		6/26/2014	Primary	0.0074	50	0.0078	42	0.0022	8.7	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.0174	100.7
		9/23/2014	Primary	0.012	82	0.013	70	0.0045	18	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.0295	170
		10/4/2017	Primary	0.018	120	0.024	130	0.01	40	0.0076	31	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.0596	321
		10/11/2017	Primary	0.018	120	0.021	110	0.02	80	0.007	28	< 0.0025	< 10	< 0.0039	< 10	0.0032	13	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.0692	351
		10/25/2017	Primary	0.014	95	0.017	91	0.016	64	0.0062	25	< 0.00062	< 2.5	< 0.00098	< 2.5	0.0015	6.0	< 0.00055	< 2.5	0.00078	4.7	0.0011	4.4	0.0012	3.8	0.05778	293.9

TABLE V
ANALYTICAL RESULTS FOR CHEMICALS OF CONCERN IN SOIL VAPOR
COOPER DRUM COMPANY SUPERFUND SITE
SOUTH GATE, CALIFORNIA

Well ID	Screen Interval (ft bgs)	Sample Date	Sample Type	PCE		TCE		cDCE		1,1-DCA		1,2-DCA		VC		1,1-DCE		1,2-DCP		1,2,3-TCP		tDCE		Benzene		Total COCs	
				ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³
DPE-11	33-47.5	11/8/2017	Primary	0.0041	28	0.0087	47	0.0087	35	0.0032	13	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.0247	123
DPE-12	32.5-46.9	9/21/2011	Primary	< 0.06	< 400	< 0.061	< 330	< 0.06	< 200	< 0.06	< 200	< 0.074	< 300	< 0.12	< 310	< 0.06	< 200	< 0.065	< 300	< 0.06	< 400	< 0.06	< 200	< 0.09	< 300	ND	ND
		12/7/2011	Primary	0.27	1800	0.43	2300	0.38	1500	0.25	1000	< 0.062	< 250	< 0.098	< 250	0.05	200	< 0.054	< 250	< 0.05	< 300	< 0.05	< 200	< 0.075	< 240	1.38	6800
		3/27/2012	Primary	0.21	1400	0.37	2000	0.058	230	0.17	690	< 0.049	< 200	< 0.078	< 200	< 0.04	< 200	< 0.043	< 200	< 0.04	< 200	< 0.04	< 200	< 0.06	< 200	0.808	4320
		6/4/2012	Primary	0.46	3100	0.15	810	0.2	800	0.057	230	< 0.037	< 150	< 0.059	< 150	< 0.03	< 100	< 0.032	< 150	< 0.03	< 200	< 0.03	< 100	< 0.045	< 140	0.867	4940
		9/17/2012	Primary	< 0.002	< 14	0.11	590	1.1	4400	0.44	1800	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	0.045	180	< 0.003	< 9.6	1.695	6970
		12/11/2012	Primary	< 0.04	< 300	0.58	3100	0.77	3100	0.55	2200	< 0.049	< 200	0.12	310	< 0.04	< 200	< 0.043	< 200	< 0.04	< 200	0.17	670	< 0.06	< 200	2.19	9380
		3/26/2013	Primary	< 0.002	< 14	< 0.002	< 11	< 0.002	< 7.9	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	ND	ND
		12/17/2013	Primary	0.015	100	0.0066	36	0.0025	9.9	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.0241	145.9
		3/25/2014	Primary	0.019	130	0.05	300	0.019	75	0.0021	8.5	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.0901	513.5
		6/26/2014	Primary	0.0094	64	0.011	59	0.0041	16	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.0245	139
		9/23/2014	Primary	0.014	95	0.054	290	0.017	67	< 0.005	< 20	< 0.0062	< 25	< 0.0098	< 25	< 0.005	< 20	< 0.0055	< 25	< 0.005	< 30	< 0.005	< 20	< 0.0075	< 24	0.085	452
		10/4/2017	Primary	0.012	82	0.044	240	0.013	52	0.019	77	< 0.0025	< 10	< 0.0039	< 10	0.0022	8.7	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.0902	459.7
		10/11/2017	Primary	0.013	88	0.066	360	0.047	190	0.04	200	< 0.0025	< 10	0.0062	16	0.017	67	< 0.0022	< 10	< 0.002	< 12	0.0058	23	< 0.003	< 9.6	0.195	944
		10/25/2017	Primary	0.011	75	0.09	500	0.071	280	0.055	220	< 0.005	< 20	< 0.0078	< 20	0.023	91	< 0.0044	< 20	< 0.004	< 24	0.007	28	< 0.006	< 19	0.257	1194
		11/8/2017	Primary	0.0096	65	0.082	440	0.065	260	0.045	180	< 0.005	< 20	< 0.0078	< 20	0.019	75	< 0.0044	< 20	< 0.004	< 24	0.0059	23	< 0.006	< 19	0.2265	1043
		11/29/2017	Primary	0.0053	36	0.056	300	0.048	190	0.025	100	< 0.005	< 20	< 0.0078	< 20	0.015	60	< 0.0044	< 20	< 0.004	< 24	< 0.004	< 16	< 0.006	< 19	0.1493	686
		12/27/2017	Primary	0.0036	24	0.032	170	0.038	150	0.03 J	100 J	< 0.0025	< 10	< 0.0039	< 10	0.0099	39	< 0.0022	< 10	< 0.002	< 12	0.0028	11	< 0.003	< 9.6	0.1163	494
DPE-13	33-47.5	9/20/2011	Primary	< 0.018	< 120	0.056	300	< 0.01	< 39.7	0.049	200	< 0.012	< 49	< 0.02	< 50	< 0.01	< 39.7	< 0.011	< 51	< 0.01	< 60.4	< 0.01	< 39.7	< 0.015	< 48	0.105	500
		12/7/2011	Primary	< 0.0099	< 67	0.01	50	< 0.01	< 39.7	0.011	45	< 0.012	< 49	< 0.02	< 50	< 0.01	< 39.7	< 0.011	< 51	< 0.01	< 60.4	< 0.01	< 39.7	< 0.015	< 48	0.021	95
		3/27/2012	Primary	< 0.002	< 14	< 0.002	< 11	< 0.002	< 7.9	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	ND	ND
		6/4/2012	Primary	< 0.002	< 14	< 0.002	< 11	< 0.002	< 7.9	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	ND	ND
		9/18/2012	Primary	0.038	260	0.089	480	0.0066	26	0.074	300	< 0.0025	< 10	< 0.0039	< 10	0.0093	37	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.2169	1103
		12/10/2012	Primary	0.0029	20	0.0041	22	< 0.002	< 7.9	0.0027 J	11 J	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.0097	53
		12/17/2013	Primary	0.086	580	0.037	200	< 0.002	< 7.9	0.0051	21	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.1281	801
		3/25/2014	Primary	0.68	4600	0.028	150	0.0033	13	0.008	32	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.7193	4795
		6/26/2014	Primary	0.043	290	0.024	130	0.0031	12	0.003	12	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.0731	444
		9/23/2014	Primary	0.021	140	0.037	200	0.0025	9.9	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.0605	349.9
		6/16/2015	Primary	0.0063	43	0.042	230	0.003	12	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.0513	285
		10/4/2017	Primary	0.024	160	0.047	250	0.015	60	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	0.0055	22	< 0.003	< 9.6	0.0915	492
		10/11/2017	Primary	0.037	250	0.13	700	0.027	110	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	0.0022	8.7	< 0.0022	< 10	< 0.002	< 12	0.0088	35	< 0.003	< 9.6	0.205	1103.7
		10/25/2017	Primary	0.0098	67	0.038	200	0.019	75	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	0.002	7.9	< 0.003	< 9.6	0.0688	349.9
		11/8/2017	Primary	0.0068	46	0.023	120	0.013	52	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	0.003	12	< 0.003	< 9.6	0.0458	230
		11/29/2017	Primary	0.0075	51	0.021	110	0.011	44	< 0.004	< 16	< 0.005	< 20	< 0.0078	< 20	< 0.004	< 16	< 0.0044	< 20	< 0.004	< 24	< 0.004	< 16	< 0.006	< 19	0.0395	205
		12/13/2017	Primary	0.01	70	0.025	130	0.014	56	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.049	256
DPE-14	33.9-48.4	9/21/2011	Primary	< 0.0099	< 67	0.026	140	< 0.01	< 39.7	< 0.01	< 40	< 0.012	< 49	< 0.02	< 50	< 0.01	< 39.7	< 0.011	< 51	< 0.01	< 60.4	< 0.01	< 39.7	< 0.015	< 48	0.026	140
		12/7/2011	Primary	0.18	1200	0.28	1500	< 0.04	< 200	0.094	380	< 0.049	< 200	< 0.078	< 200	< 0.04	< 200	< 0.043	< 200	< 0.04	< 200	< 0.04	< 200	< 0.06	< 200	0.554	3080
		3/27/2012	Primary	0.59	4000	0.61	3300	< 0.04	< 200	0.49	2000	< 0.049	< 200	< 0.078	< 200	0.045	180	< 0.043	< 200	< 0.04	< 200	< 0.04	< 200	< 0.06	< 200	1.735	9480
		6/4/2012	Primary	0.74	5000	0.26	1400	0.3	1000	0.094	380	< 0.037	< 150	< 0.059	< 150	0.035	140	< 0.032	< 150	< 0.03	< 200	< 0.03	< 100	0.044	140	1.473	8060
		9/17/2012	Primary	0.004	27	0.0091	49	< 0.002	< 7.9	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.0131	76
		12/11/2012	Primary	0.16	1100	0.65	3500	0.0085	34	0.022	89	< 0.0025	< 10	< 0.0039	< 10	0.017	67	< 0.0022	< 10	< 0.002	< 12	0.0044	17	< 0.003	< 9.6	0.8619	4807
		3/26/2013	Primary	0.22	1500	0.37	2000	< 0.01	< 40	0.05	200	< 0.012	< 49	< 0.02	< 50	< 0.01	< 40	< 0.011	< 51	< 0.01	< 60	< 0.01	< 40	< 0.015	< 48	0.64	3700
		12/19/2013	Primary	0.044	300	0.1	500	< 0.005	< 20	< 0.005	< 20	< 0.0062	< 25	< 0.0098	< 25	< 0.005	< 20	< 0.0055	< 25	< 0.005	< 30	< 0.005	< 20	< 0.0075	< 24	0.144	800
		3/25/2014	Primary	0.0084	57	0.0067	36	< 0.002	< 7.9	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.0151	93
		12/9/2014	Primary	0.017	120	0.048	260	< 0.002	< 7.9	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.065	380
		3/26/2015	Primary	0.046	310	0.11	590	0.0028	11	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.1588	911
		6/16/2015	Primary	0.033	220	0.036	190	0.002	7.9	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.071	417.9
		12/16/2015	Primary	0.025	170	0.048	260	0.0032	13	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.0762	443
		10/26/2016	Primary	0.17	1200	0.075	400	0.024	95	< 0.004	< 16	< 0.005	< 20	< 0.0078	< 20	< 0.004	< 16	< 0.0044	< 20	< 0.004	< 24	< 0.004	< 16	< 0.006	< 19	0.269	1695
		12/7/2016	Primary	0.25	1700	0.097	520	0.024	95	< 0.004	< 16	< 0.005	< 20	< 0.0078	< 20	< 0.004	< 16	< 0.0044	< 20	< 0.004	< 24	0.0041	16	< 0.006	< 19	0.3751	2331
		12/21/2016	Primary	0.19	1300	0.072	390	0.016	64	< 0.005	< 20	< 0.0062	< 25	< 0.0098	< 25	< 0.005	< 20	< 0.0055	< 25	< 0.005	< 30	< 0.005	< 20	< 0.0075	< 24	0.278	1754
		4/5/2017	Primary	0.046	310	0.13	700	0.023	91	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	0.0079	31	< 0.003	< 9.6	0.2069	1132
		4/12/2017	Primary	0.099	670	0.028	150	0.0065	26	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.1335	846
		4/26/2017	Primary	0.0022	15	0.0026	14	< 0.002	< 7.9	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.0048	29
		5/3/2017	Primary	< 0.002	< 14	< 0.002	< 11	< 0.002	< 7.9	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	ND	ND
		5/17/2017	Primary	0.037	250	0.19	1000	0.028	110	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	0.007	28	< 0.003	< 9.6	0.262	1388
		5/24/2017	Primary	< 0.0005	< 3.4	< 0.0005	< 2.7	< 0.0005	< 2.0	< 0.0005	< 2.0	< 0.00062	< 2.5	< 0.00098	< 2.5	< 0.0005	< 2.0	< 0.00055	< 2.5	< 0.0005	< 3.0	< 0.0005	< 2.0	< 0.00075	< 2.4	ND	ND
		10/4/2017	Primary	0.037	250	0.11	590	0.027	110	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	0.014	56	< 0.003	< 9.6	0.188	1006

TABLE V
ANALYTICAL RESULTS FOR CHEMICALS OF CONCERN IN SOIL VAPOR
COOPER DRUM COMPANY SUPERFUND SITE
SOUTH GATE, CALIFORNIA

Well ID	Screen Interval (ft bgs)	Sample Date	Sample Type	PCE		TCE		cDCE		1,1-DCA		1,2-DCA		VC		1,1-DCE		1,2-DCP		1,2,3-TCP		tDCE		Benzene		Total COCs	
				ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³
DPE-14	33.9-48.4	10/11/2017	Primary	0.014	95	0.049	260	0.02	80	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	0.0039	15	< 0.003	< 9.6	0.0869	450
		10/25/2017	Primary	0.036	240	0.13	700	0.023	91	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	0.0065	26	< 0.003	< 9.6	0.1955	1057
		11/8/2017	Primary	0.042	290	0.082	440	0.013	52	< 0.004	< 16	< 0.005	< 20	< 0.0078	< 20	< 0.004	< 16	< 0.0044	< 20	< 0.004	< 24	< 0.004	< 16	< 0.006	< 19	0.137	782
		11/29/2017	Primary	0.033	220	0.094	510	0.014	56	< 0.004	< 16	< 0.005	< 20	< 0.0078	< 20	< 0.004	< 16	< 0.0044	< 20	< 0.004	< 24	< 0.004	< 16	< 0.006	< 19	0.141	786
		12/13/2017	Primary	< 0.002	< 14	< 0.002	< 11	< 0.002	< 7.9	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	ND	ND
		12/27/2017	Primary	0.017	120	0.057	310	0.016	64	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	0.0036	14	< 0.003	< 9.6	0.0936	508
PZ-5	37.1-41.5	2/16/2011	Primary	2.9	20000	2.8	15000	10	40000	16	65000	< 1.2	< 4900	2.7	6900	< 1.3	< 5200	< 1.1	< 5100	< 0.83	< 5000	< 1.3	< 5200	< 1.6	< 5100	34.4	146900
		5/25/2011	Primary	0.5	3000	3	20000	0.61	2400	0.79	3200	< 0.25	< 1000	< 0.39	< 1000	< 0.2	< 800	< 0.22	< 1000	< 0.2	< 1000	< 0.2	< 800	< 0.3	< 1000	4.9	28600
		5/25/2011	Duplicate	0.52	3500	3.3	18000	0.71	2800	0.84	3400	< 0.25	< 1000	< 0.39	< 1000	< 0.2	< 800	< 0.22	< 1000	< 0.2	< 1000	< 0.2	< 800	< 0.3	< 1000	5.37	27700
		9/21/2011	Primary	0.18	1200	0.95	5100	1.6	6400	0.91	3700	< 0.049	< 200	0.078	200	0.061	240	< 0.043	< 200	< 0.04	< 200	0.05	200	< 0.06	< 200	3.829	17040
		9/21/2011	Duplicate	0.15	1000	0.91	4900	1.4	5600	0.84	3400	< 0.049	< 200	< 0.078	< 200	0.055	220	< 0.043	< 200	< 0.04	< 200	0.045	180	< 0.06	< 200	3.4	15300
		12/7/2011	Primary	0.041	280	0.22	1200	0.45	1800	0.35	1400	< 0.012	< 49	0.033	84	< 0.01	< 39.7	< 0.011	< 51	< 0.01	< 60.4	0.015	60	< 0.015	< 48	1.109	4824
		3/29/2012	Primary	0.28	1900	1.8	9700	11	44000	5.4	22000	0.027	110	1.2	3100	0.17	670	0.035	160	< 0.01	< 60.4	0.25	990	< 0.015	< 48	20.162	82630
		6/6/2012	Primary	< 0.002	< 14	< 0.002	< 11	< 0.002	< 7.9	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	ND	ND
		6/6/2012	Duplicate	< 0.002	< 14	< 0.002	< 11	< 0.002	< 7.9	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	ND	ND
		9/19/2012	Primary	0.078	530	0.022	120	0.025	99	0.021	85	< 0.0025	< 10	0.0055	14	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.1515	848
		12/12/2012	Primary	0.016	110	0.0033	18	0.0052	21	0.0043	17	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.0288	166
		3/20/2013	Primary	0.17	1200	0.32	1700	1.4	5600	0.99	4000	0.0075	30	0.059	150	0.029	120	0.026	120	< 0.002	< 12	0.077	310	< 0.003	< 9.6	3.0785	13230
		8/8/2013	Primary	0.22	1500	0.039	210	0.049	190	0.032	130	< 0.012	< 49	< 0.02	< 50	< 0.01	< 40	< 0.011	< 51	< 0.01	< 60	< 0.01	< 40	< 0.015	< 48	0.34	2030
		12/18/2013	Primary	0.01	70	< 0.004	< 22	< 0.004	< 16	< 0.004	< 16	< 0.005	< 20	< 0.0078	< 20	< 0.004	< 16	< 0.0044	< 20	< 0.004	< 24	< 0.004	< 16	< 0.006	< 19	0.01	70
		3/25/2015	Primary	0.0052	35	0.0032	17	0.0035	14	0.0036	15	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.0155	81
		4/19/2016	Primary	< 0.002	< 14	0.0031 J	17 J	< 0.002 J	< 7.9 J	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.0031	17
		12/27/2016	Primary	0.0041	28	< 0.0005	< 2.7	< 0.0005	< 2.0	< 0.0005	< 2.0	< 0.00062	< 2.5	< 0.00098	< 2.5	< 0.0005	< 2.0	< 0.00055	< 2.5	< 0.0005	< 3.0	< 0.0005	< 2.0	< 0.00075	< 2.4	0.0041	28
		3/14/2017	Primary	0.034	230	0.013	70	0.0091	36	0.014	57	< 0.00062	< 2.5	< 0.00098	< 2.5	0.00055	2.2	0.0012	5.6	0.00051	3.1	0.00075	3.0	< 0.00075	< 2.4	0.07311	406.9
		6/28/2017	Primary	0.045	310	0.02	100	0.013	52	0.016	65	< 0.005	< 20	< 0.0078	< 20	< 0.004	< 16	< 0.0044	< 20	< 0.004	< 24	< 0.004	< 16	< 0.006	< 19	0.094	527
		9/27/2017	Primary	0.032	220	0.018	97	0.013	52	0.016	65	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.079	434
		12/11/2017	Primary	0.0011	7.5	< 0.001	< 5.4	< 0.001	< 4.0	< 0.001	< 4.1	< 0.0012	< 4.9	< 0.002	< 5.1	< 0.001	< 4.0	< 0.0011	< 5.1	< 0.001	< 6.0	< 0.001	< 4.0	< 0.0015	< 4.8	0.0011	7.5
PZ-6	37.2-41.6	2/16/2011	Primary	< 0.74	< 5000	1.1	5900	6.1	24000	5.9	24000	< 1.2	< 4900	< 2	< 5100	< 1.3	< 5200	< 1.1	< 5100	< 0.83	< 5000	< 1.3	< 5200	< 1.6	< 5100	13.1	53900
		5/25/2011	Primary	0.04	300	0.73	3900	0.22	870	0.089	360	< 0.049	< 200	< 0.078	< 200	0.05	200	< 0.043	< 200	< 0.04	< 200	< 0.04	< 200	< 0.06	< 200	1.129	5630
		9/21/2011	Primary	0.12	820	0.084 J	450 J	1.4 J	5600 J	0.69	2800	< 0.037	< 150	0.15	380	0.068	270	< 0.032	< 150	< 0.03	< 200	0.04	200	< 0.045	< 140	2.552	10520
		9/21/2011	Duplicate	0.11	750	0.78 J	4200 J	0.73 J	2900 J	0.79	3200	< 0.012	< 49	0.16	410	0.081	320	< 0.011	< 51	< 0.01	< 60.4	0.045	180	< 0.015	< 48	2.696	11960
		12/7/2011	Primary	0.21	1400	1.2	6500	5	20000	2.4	9700	< 0.12	< 490	0.29	740	0.11	440	< 0.11	< 510	< 0.1	< 600	0.16	640	< 0.15	< 480	9.37	39420
		3/29/2012	Primary	0.47	3200	1.7	9100	19	75000	4.4	18000	< 0.15	< 610	0.63	1600	0.14	560	< 0.13	< 600	< 0.12	< 720	0.23	910	< 0.18	< 580	26.57	108370
		6/6/2012	Primary	< 0.002	< 14	< 0.002	< 11	< 0.002	< 7.9	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	ND	ND
		9/19/2012	Primary	0.024	160	0.019	100	0.063	250	0.032	130	< 0.0025	< 10	0.0043	11	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.1423	651
		12/12/2012	Primary	0.11	750	0.026	140	0.018	71	0.011	45	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.165	1006
		3/20/2013	Primary	0.17	1200	0.24	1300	2.3	9100	1.3	5300	0.016	65	0.11	280	0.044	170	0.034	160	< 0.004	< 24	0.11	440	< 0.006	< 19	4.324	18015
		8/8/2013	Primary	0.025	170	0.016	86	0.095	380	0.049	200	< 0.0049	< 20	< 0.0078	< 20	< 0.004	< 16	< 0.0043	< 20	< 0.004	< 24	< 0.004	< 16	< 0.006	< 19	0.185	836
		12/18/2013	Primary	0.007	48	< 0.004	< 22	< 0.004	< 16	< 0.004	< 16	< 0.005	< 20	< 0.0078	< 20	< 0.004	< 16	< 0.0044	< 20	< 0.004	< 24	< 0.004	< 16	< 0.006	< 19	0.007	48
		3/25/2015	Primary	0.0057	39	0.0044	24	0.0036	14	0.0037	15	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.0174	92
		4/19/2016	Primary	< 0.002	< 14	0.0064 J	34 J	< 0.002 J	< 7.9 J	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.0064	34
		12/27/2016	Primary	0.0058	39	0.0025	13	0.0046	18	0.00079	3.2	< 0.00062	< 2.5	< 0.00098	< 2.5	< 0.0005	< 2.0	< 0.00055	< 2.5	< 0.0005	< 3.0	< 0.0005	< 2.0	< 0.00075	< 2.4	0.01369	73.2
		3/14/2017	Primary	0.032	220	0.022	120	0.012	48	0.021	85	< 0.00062	< 2.5	< 0.00098	< 2.5	0.0014	5.6	0.0012	5.6	0.00058	3.5	0.00096	3.8	< 0.00075	< 2.4	0.09114	491.5
		6/28/2017	Primary	0.048	330	0.02	100	0.012	48	0.012	49	< 0.005	< 20	< 0.0078	< 20	< 0.004	< 16	< 0.0044	< 20	< 0.004	< 24	< 0.004	< 16	< 0.006	< 19	0.092	527
		9/27/2017	Primary	0.0053	36	0.0018	9.7	0.0011	4.4	< 0.0005	< 2.0	< 0.00062	< 2.5	< 0.00098	< 2.5	< 0.0005	< 2.0	< 0.00055	< 2.5	< 0.0005	< 3.0	< 0.0005	< 2.0	< 0.00075	< 2.4	0.0082	50.1
		12/11/2017	Primary	0.12	820	0.026	140	0.015	60	0.015	61	< 0.005	< 20	< 0.0078	< 20	< 0.004	< 16	< 0.0044	< 20	< 0.004	< 24	< 0.004	< 16	< 0.006	< 19	0.176	1081
SVE-3	9.5-29.5	2/23/2011	Primary	5.3	36000	3.4	18000	< 1.3	< 5200	< 1.2	< 4900	< 1.2	< 4900	< 2	< 5100	< 1.3	< 5200	< 1.1	< 5100	< 0.83	< 5000	< 1.3	< 5200	< 1.6	< 5100	8.7	54000
		4/12/2011	Primary	0.28	1900	0.11	590	0.0094	37	0.0015 J	6.1 J	0.0023 J	9.3 J	< 0.005	< 13	< 0.0025	< 9.9	< 0.0038	< 18	< 0.0025	< 15	< 0.0025	< 9.9	< 0.0038	< 12	0.4032	2542.4
		9/20/2011	Primary	0.25	1700	0.13	700	0.013	52	< 0.01	< 40	< 0.012	< 49	< 0.02	< 50	< 0.01	< 39.7	< 0.011	< 51	< 0.01	< 60.4	< 0.01	< 39.7	< 0.015	< 48	0.393	2452
		12/7/2011	Primary	0.088	600	0.048	260	0.016	64	0.0025	10	< 0.0025	< 10	< 0.0039	< 10	0.0033	13	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.1578	947
		3/27/2012	Primary	0.062	420	0.03	200	0.0022	8.7	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.0942	628.7
		6/5/2012	Primary	0.038	260	0.024	130	0.0053	21	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.0673	411
		9/17/2012	Primary	0.11	750	0.065	350	0.013	52	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.188	1152
		12/12/2012	Primary	0.032	220	0.03	200	0.0087	35	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.0707	455
		12/16/2013	Primary	0.0093	63	0.0051	27	< 0.002	< 7.9	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.0144	90
		10/26/2016	Primary	0.05	300	0.042	230	0.0066	26	< 0.001	< 4.1	< 0.0012	< 4.9	< 0.002	< 5.1	< 0.001	< 4.0	< 0.0011	< 5.1	< 0.001	< 6.0	< 0.001	< 4.0	< 0.0015	< 4.8	0.0986	556
		12/7/2016	Primary	0.013	88	0.0073	39	0.0025	9.9	< 0.001	< 4.1	< 0.0012	< 4.9	< 0.002	< 5.1	< 0.001	< 4.0	< 0.0011	< 5.1	< 0.001	< 6.0	< 0.001	< 4.0	< 0.0015	< 4.8	0.0228	136.9
		12/21/2016	Primary	0.0086	58	0.006	32	0.002	7.9	< 0.001	< 4.1	< 0.0012	< 4.9	< 0.002	< 5.1	< 0.001	< 4.0	< 0.0011	< 5.1	< 0.001	< 6.0	< 0.001	< 4.0	< 0.0015	< 4.8	0.0166	97.9

TABLE V
ANALYTICAL RESULTS FOR CHEMICALS OF CONCERN IN SOIL VAPOR
COOPER DRUM COMPANY SUPERFUND SITE
SOUTH GATE, CALIFORNIA

Well ID	Screen Interval (ft bgs)	Sample Date	Sample Type	PCE		TCE		cDCE		1,1-DCA		1,2-DCA		VC		1,1-DCE		1,2-DCP		1,2,3-TCP		tDCE		Benzene		Total COCs	
				ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³
SVE-3	9.5-29.5	4/5/2017	Primary	0.027	180	0.03	200	0.0086	34	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.0656	414
		4/12/2017	Primary	0.025	170	0.011	59	0.0035	14	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.0395	243
		4/26/2017	Primary	< 0.002	< 14	< 0.002	< 11	< 0.002	< 7.9	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	ND	ND
		5/3/2017	Primary	< 0.002	< 14	< 0.002	< 11	< 0.002	< 7.9	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	ND	ND
		5/17/2017	Primary	0.018	120	0.019	100	0.0065	26	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.0435	246
		5/24/2017	Primary	0.011 J	75 J	< 0.01 J	< 50 J	< 0.01 J	< 40 J	< 0.01 J	< 40 J	< 0.012 J	< 49 J	< 0.02 J	< 50 J	< 0.01 J	< 40 J	< 0.011 J	< 51 J	< 0.01 J	< 60 J	< 0.01 J	< 40 J	< 0.015 J	< 48 J	0.011	75
SVE-4	9.6-28.9	2/23/2011	Primary	< 0.74	< 5000	< 0.93	< 5000	< 1.3	< 5200	< 1.2	< 4900	< 1.2	< 4900	< 2	< 5100	< 1.3	< 5200	< 1.1	< 5100	< 0.83	< 5000	< 1.3	< 5200	< 1.6	< 5100	ND	ND
		4/12/2011	Primary	0.36	2400	0.34	1800	0.16	640	0.15	610	0.0035 J	14 J	< 0.0057	< 15	0.054	210	< 0.0043	< 20	< 0.0029	< 18	< 0.0029	< 12	< 0.0043	< 14	1.0675	5674
		9/20/2011	Primary	0.063	430	0.054	290	0.022	87	0.019	77	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.158	884
		12/27/2011	Primary	0.15	1000	0.1	500	0.025	99	0.035	140	< 0.0049	< 20	0.012	31	0.011	44	< 0.0043	< 20	< 0.004	< 24	< 0.004	< 16	< 0.006	< 19	0.333	1814
		3/29/2012	Primary	0.024	160	0.02	100	0.0083	33	0.0086	35	< 0.0049	< 20	< 0.0078	< 20	< 0.004	< 16	< 0.0043	< 20	< 0.004	< 24	< 0.004	< 16	< 0.006	< 19	0.0609	328
		6/5/2012	Primary	0.0074	50	0.011	59	< 0.002	< 7.9	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.0184	109
		9/17/2012	Primary	0.069	470	0.063	340	0.018	71	0.013	53	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.163	934
		12/12/2012	Primary	0.02	100	0.014	75	0.0053	21	0.0021	8.5	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.0414	204.5
		12/16/2013	Primary	0.0059	40	0.0052	28	< 0.002	< 7.9	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.0111	68
		10/26/2016	Primary	0.011	75	0.018	97	0.0021	8.3	< 0.0005	< 2.0	< 0.00062	< 2.5	< 0.00098	< 2.5	< 0.0005	< 2.0	< 0.00055	< 2.5	< 0.0005	< 3.0	< 0.0005	< 2.0	< 0.00075	< 2.4	0.0311	180.3
		12/7/2016	Primary	0.012	82	0.0056	30	< 0.001	< 4.0	< 0.001	< 4.1	< 0.0012	< 4.9	< 0.002	< 5.1	< 0.001	< 4.0	< 0.0011	< 5.1	< 0.001	< 6.0	< 0.001	< 4.0	< 0.0015	< 4.8	0.0176	112
		12/21/2016	Primary	0.008	54	0.0041	22	< 0.001	< 4.0	< 0.001	< 4.1	< 0.0012	< 4.9	< 0.002	< 5.1	< 0.001	< 4.0	< 0.0011	< 5.1	< 0.001	< 6.0	< 0.001	< 4.0	< 0.0015	< 4.8	0.0121	76
		4/5/2017	Primary	0.0034	23	< 0.002	< 11	< 0.002	< 7.9	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.0034	23
		4/12/2017	Primary	0.0056	38	0.008	43	< 0.002	< 7.9	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.0136	81
		4/26/2017	Primary	< 0.002	< 14	< 0.002	< 11	< 0.002	< 7.9	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	ND	ND
		5/3/2017	Primary	< 0.002	< 14	< 0.002	< 11	< 0.002	< 7.9	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	ND	ND
		5/17/2017	Primary	0.003	20	0.0067	36	< 0.001	< 4.0	< 0.001	< 4.1	< 0.0012	< 4.9	< 0.002	< 5.1	< 0.001	< 4.0	< 0.0011	< 5.1	< 0.001	< 6.0	< 0.001	< 4.0	< 0.0015	< 4.8	0.0097	56
		5/24/2017	Primary	0.0022	15	0.0066	36	< 0.0005	< 2.0	< 0.0005	< 2.0	< 0.00062	< 2.5	< 0.00098	< 2.5	< 0.0005	< 2.0	< 0.00055	< 2.5	< 0.0005	< 3.0	< 0.0005	< 2.0	< 0.00075	< 2.4	0.0088	51
SVE-5	10.1-29.3	2/23/2011	Primary	< 0.74	< 5000	< 0.93	< 5000	< 1.3	< 5200	< 1.2	< 4900	< 1.2	< 4900	< 2	< 5100	< 1.3	< 5200	< 1.1	< 5100	< 0.83	< 5000	< 1.3	< 5200	< 1.6	< 5100	ND	ND
		4/12/2011	Primary	0.21	1400	0.018	97	0.021	83	0.0065	26	< 0.003	< 12	< 0.004 R	< 10 R	< 0.002	< 7.9	< 0.003	< 14	< 0.002	< 12	0.0013 J	5.2 J	< 0.003	< 9.6	0.2568	1611.2
		9/20/2011	Primary	0.041	280	0.0058	31	0.0066	26	0.0037	15	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	0.002	7.9	< 0.003	< 9.6	0.0591	359.9
		12/7/2011	Primary	0.0088	60	0.0039	21	0.0038	15	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.0165	96
		3/27/2012	Primary	0.034	230	0.0074	40	0.014	56	0.0052 J	21 J	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	0.0038	15	< 0.003	< 9.6	0.0644	362
		6/5/2012	Primary	0.0031	21	< 0.002	< 11	< 0.002	< 7.9	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.0031	21
		9/17/2012	Primary	0.052	350	0.0039	21	< 0.002	< 7.9	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.0559	371
		12/12/2012	Primary	0.012	82	< 0.002	< 11	< 0.002	< 7.9	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.012	82
		3/26/2013	Primary	< 0.002	< 14	< 0.002	< 11	< 0.002	< 7.9	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	ND	ND
		12/16/2013	Primary	0.011	75	< 0.002	< 11	< 0.002	< 7.9	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.011	75
		11/2/2016	Primary	5.3	36000	0.27	1500	< 0.2	< 800	< 0.2	< 800	< 0.25	< 1000	< 0.39	< 1000	< 0.2	< 800	< 0.22	< 1000	< 0.2	< 1000	< 0.2	< 800	< 0.3	< 1000	5.57	37500
		11/16/2016	Primary	0.93	6300	< 0.04	< 200	< 0.04	< 200	< 0.04	< 200	< 0.05	< 200	< 0.078	< 200	< 0.04	< 200	< 0.044	< 200	< 0.04	< 200	< 0.04	< 200	< 0.06	< 200	0.93	6300
		12/14/2016	Primary	0.014	95	0.00081	4.4	< 0.0005	< 2.0	< 0.0005	< 2.0	< 0.00062	< 2.5	< 0.00098	< 2.5	< 0.0005	< 2.0	< 0.00055	< 2.5	< 0.0005	< 3.0	< 0.0005	< 2.0	< 0.00075	< 2.4	0.01481	99.4
		12/27/2016	Primary	0.017	120	0.0019	10	0.0006	2.4	< 0.0005	< 2.0	0.00068	2.8	< 0.00098	< 2.5	< 0.0005	< 2.0	< 0.00055	< 2.5	< 0.0005	< 3.0	< 0.0005	< 2.0	< 0.00075	< 2.4	0.02018	135.2
		3/22/2017	Primary	0.011	75	0.0011	5.9	< 0.001	< 4.0	< 0.001	< 4.1	< 0.0012	< 4.9	< 0.002	< 5.1	< 0.001	< 4.0	< 0.0011	< 5.1	< 0.001	< 6.0	< 0.001	< 4.0	< 0.0015	< 4.8	0.0121	80.9
		4/5/2017	Primary	0.011	75	< 0.002	< 11	< 0.002	< 7.9	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.011	75
		4/19/2017	Primary	0.025	170	< 0.002	< 11	< 0.002	< 7.9	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.025	170
		4/26/2017	Primary	0.0068	46	< 0.002	< 11	< 0.002	< 7.9	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.0068	46
		5/10/2017	Primary	0.03	200	< 0.002	< 11	< 0.002	< 7.9	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.03	200
		5/17/2017	Primary	0.018	120	< 0.002	< 11	< 0.002	< 7.9	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.018	120
SVE-6	9.9-29.1	2/23/2011	Primary	4.1	28000	< 0.93	< 5000	< 1.3	< 5200	< 1.2	< 4900	< 1.2	< 4900	< 2	< 5100	< 1.3	< 5200	< 1.1	< 5100	< 0.83	< 5000	< 1.3	< 5200	< 1.6	< 5100	4.1	28000
		4/12/2011	Primary	0.23	1600	0.017	91	0.014	56	0.0091	37	0.0045	18	< 0.004 R	< 10 R	< 0.002	< 7.9	< 0.003	< 14	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.2746	1802
		9/20/2011	Primary	0.027	180	0.0048	26	< 0.002	< 7.9	0.0062	25	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.038	231
		12/7/2011	Primary	0.034	230	0.0052	28	0.0045	18	0.0044	18	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.0481	294
		3/27/2012	Primary	0.019	130	0.0061	33	0.003	12	0.016 J	65 J	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.0441	240
		6/5/2012	Primary	0.01	70	0.0026	14	< 0.002	< 7.9	0.0023	9.3	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.0149	93.3
		9/17/2012	Primary	0.013	88	0.003	16	< 0.002	< 7.9	0.0027	11	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.0187	115
		12/12/2012	Primary	0.0045	31	< 0.002	< 11	< 0.002	< 7.9	0.0045	18	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.009	49
		12/16/2013	Primary	0.0071	48	0.0021	11	< 0.002	< 7.9	0.0021	8.5	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.0113	67.5
		11/2/2016	Primary	1	7000	0.049	260	< 0.04	< 200	< 0.04	< 200	< 0.05	< 200	< 0.078	< 200	< 0.04	< 200	< 0.044	< 200	< 0.04	< 200	< 0.04	< 200	< 0.06	< 200	1.049	7260
		11/16/2016	Primary	< 0.008	< 54	< 0.008	< 43	< 0.008	< 32	< 0.008	< 32	< 0.01	< 40	< 0.016	< 41	< 0.008	< 32	< 0.0088	< 41	< 0.008	< 48	< 0.008	< 32	< 0.012	< 38	ND	ND
		12/14/2016	Primary	0.0025	17	0.00064	3.4	< 0.0005	< 2.0	< 0.0005	< 2.0	< 0.00062	< 2.5	< 0.00098	< 2.5	< 0.0005	< 2.0	< 0.00055	< 2.5	< 0.0005	< 3.0	< 0.0005	< 2.0	< 0.00075	< 2.4	0.00314	20.4
		12/27/2016	Primary	0.0042	29	0.0015	8.1	0.00056	2.2	0.00071	2.9	< 0.00062	< 2.5	< 0.00098	< 2.5	< 0.0005	< 2.0	< 0.00055	< 2.5	< 0.0005	< 3.0	< 0.0005	< 2.0	< 0.00075	< 2.4	0.00697	42.2
		3/22/2017	Primary	0.0026	18	< 0.001	< 5.4	< 0.001	< 4.0	< 0.001	< 4.1	< 0.0012	< 4.9	< 0.002	< 5.1	< 0.001	< 4.0	< 0.0011	< 5.1	< 0.001	< 6.0	< 0.001	< 4.0	< 0.0015	< 4.8	0.0026	18

TABLE V

ANALYTICAL RESULTS FOR CHEMICALS OF CONCERN IN SOIL VAPOR
COOPER DRUM COMPANY SUPERFUND SITE
SOUTH GATE, CALIFORNIA

Well ID	Screen Interval (ft bgs)	Sample Date	Sample Type	PCE		TCE		cDCE		1,1-DCA		1,2-DCA		VC		1,1-DCE		1,2-DCP		1,2,3-TCP		tDCE		Benzene		Total COCs	
				ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³
SVE-6	9.9-29.1	4/5/2017	Primary	0.0021	14	< 0.002	< 11	< 0.002	< 7.9	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.0021	14
		4/19/2017	Primary	0.012	82	< 0.002	< 11	< 0.002	< 7.9	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.012	82
		4/26/2017	Primary	0.0026	18	< 0.002	< 11	< 0.002	< 7.9	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.0026	18
		5/10/2017	Primary	0.01	70	0.00075	4.0	< 0.0005	< 2.0	0.0021	8.5	< 0.00062	< 2.5	< 0.00098	< 2.5	< 0.0005	< 2.0	< 0.00055	< 2.5	< 0.0005	< 3.0	< 0.0005	< 2.0	< 0.00075	< 2.4	0.01285	82.5
		5/17/2017	Primary	0.006	41	0.0021	11	< 0.001	< 4.0	0.002	8.1	< 0.0012	< 4.9	< 0.002	< 5.1	< 0.001	< 4.0	< 0.0011	< 5.1	< 0.001	< 6.0	< 0.001	< 4.0	< 0.0015	< 4.8	0.0101	60.1
SVE-7	10-29.2	2/23/2011	Primary	< 0.74	< 5000	< 0.93	< 5000	< 1.3	< 5200	< 1.2	< 4900	< 1.2	< 4900	< 2	< 5100	< 1.3	< 5200	< 1.1	< 5100	< 0.83	< 5000	< 1.3	< 5200	< 1.6	< 5100	ND	ND
		4/12/2011	Primary	0.061	410	0.009	48	0.0073	29	0.0054	22	0.0028 J	11 J	< 0.004	< 10	< 0.002	< 7.9	< 0.003	< 14	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.0855	520
		9/20/2011	Primary	1.4	9500	0.37	2000	0.28	1100	0.064	260	< 0.049	< 200	< 0.078	< 200	< 0.04	< 200	< 0.043	< 200	< 0.04	< 200	< 0.04	< 200	< 0.06	< 200	2.114	12860
		12/27/2011	Primary	0.74	5000	0.17	910	0.045	180	0.054	220	< 0.037	< 150	< 0.059	< 150	< 0.03	< 100	< 0.032	< 150	< 0.03	< 200	< 0.03	< 100	< 0.045	< 140	1.009	6310
		3/27/2012	Primary	0.31	2100	0.097	520	0.076	300	< 0.03	< 100	< 0.037	< 150	< 0.059	< 150	< 0.03	< 100	< 0.032	< 150	< 0.03	< 200	< 0.03	< 100	< 0.045	< 140	0.483	2920
		6/5/2012	Primary	0.018	120	0.0067	36	< 0.002	< 7.9	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.0247	156
		9/17/2012	Primary	0.047	320	0.015	81	0.0066	26	0.0079	32	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.0765	459
		12/12/2012	Primary	0.022	150	0.01	50	0.004	16	0.0058	24	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.0418	240
		3/26/2013	Primary	< 0.002	< 14	< 0.002	< 11	< 0.002	< 7.9	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	ND	ND
		12/16/2013	Primary	0.0056	38	0.002	11	< 0.002	< 7.9	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.0076	49
		11/2/2016	Primary	7.2	49000	0.44	2400	< 0.2	< 800	< 0.2	< 800	< 0.25	< 1000	< 0.39	< 1000	< 0.2	< 800	< 0.22	< 1000	< 0.2	< 1000	< 0.2	< 800	< 0.3	< 1000	7.64	51400
		11/16/2016	Primary	< 0.01	< 70	< 0.01	< 50	< 0.01	< 40	< 0.01	< 40	< 0.012	< 49	< 0.02	< 50	< 0.01	< 40	< 0.011	< 51	< 0.01	< 60	< 0.01	< 40	< 0.015	< 48	ND	ND
		12/14/2016	Primary	0.011	75	0.0032	17	0.011	44	0.0021	8.5	< 0.00062	< 2.5	< 0.00098	< 2.5	0.001	4.0	< 0.00055	< 2.5	< 0.0005	< 3.0	0.00086	3.4	< 0.00075	< 2.4	0.02916	151.9
		12/27/2016	Primary	0.016	110	0.0058	31	0.023	91	0.0032	13	0.0011	4.5	< 0.00098	< 2.5	0.0014	5.6	< 0.00055	< 2.5	< 0.0005	< 3.0	0.0017	6.7	< 0.00075	< 2.4	0.0522	261.8
		3/22/2017	Primary	0.031	210	0.0031	17	0.0011	4.4	0.0011	4.5	< 0.0012	< 4.9	< 0.002	< 5.1	< 0.001	< 4.0	< 0.0011	< 5.1	< 0.001	< 6.0	< 0.001	< 4.0	< 0.0015	< 4.8	0.0363	235.9
		4/5/2017	Primary	0.0029	20	0.0027	15	0.0072	29	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.0128	64
		4/19/2017	Primary	0.0087	59	< 0.002	< 11	0.0027	11	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.0114	70
		4/26/2017	Primary	0.0016	11	< 0.001	< 5.4	< 0.001	< 4.0	< 0.001	< 4.1	< 0.0012	< 4.9	< 0.002	< 5.1	< 0.001	< 4.0	< 0.0011	< 5.1	< 0.001	< 6.0	< 0.001	< 4.0	< 0.0015	< 4.8	0.0016	11
		5/10/2017	Primary	0.0079	54	0.0026	14	0.0019	7.5	0.00074	3.0	< 0.00062	< 2.5	< 0.00098	< 2.5	< 0.0005	< 2.0	< 0.00055	< 2.5	< 0.0005	< 3.0	< 0.0005	< 2.0	< 0.00075	< 2.4	0.01314	78.5
		5/17/2017	Primary	0.0059	40	0.0043	23	0.0071	28	0.0017	6.9	< 0.0012	< 4.9	< 0.002	< 5.1	< 0.001	< 4.0	< 0.0011	< 5.1	< 0.001	< 6.0	< 0.001	< 4.0	< 0.0015	< 4.8	0.019	97.9
SVE-8	9.5-29.5	2/23/2011	Primary	1.1	7500	< 0.93	< 5000	< 1.3	< 5200	< 1.2	< 4900	< 1.2	< 4900	< 2	< 5100	< 1.3	< 5200	< 1.1	< 5100	< 0.83	< 5000	< 1.3	< 5200	< 1.6	< 5100	1.1	7500
		4/12/2011	Primary	0.3	2000	0.18	970	0.1	400	0.1	400	0.0049	20	0.023	59	0.02	80	< 0.0038	< 18	< 0.0025	< 15	0.0029	12	< 0.0038	< 12	0.7308	3941
		9/20/2011	Primary	0.094	640	0.052	280	0.025	99	0.021	85	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	0.003	18	< 0.002	< 7.9	< 0.003	< 9.6	0.195	1122
		12/7/2011	Primary	0.05	300	0.011	59	0.0033	13	0.0042	17	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	0.002	12	< 0.002	< 7.9	< 0.003	< 9.6	0.0705	401
		3/27/2012	Primary	0.024	160	0.012	65	0.013	52	0.012 J	49 J	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.061	326
		6/5/2012	Primary	0.019	130	0.0035	19	< 0.002	< 7.9	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.0225	149
		9/17/2012	Primary	0.072	490	0.019	100	0.005	20	0.0052	21	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.1012	631
		12/12/2012	Primary	0.038	260	0.011	59	0.0031	12	0.003	12	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.0551	343
		12/16/2013	Primary	0.0075	51	0.002	11	< 0.002	< 7.9	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.0095	62
SVE-9	10.4-29.4	2/23/2011	Primary	< 0.74	< 5000	< 0.93	< 5000	< 1.3	< 5200	< 1.2	< 4900	< 1.2	< 4900	< 2	< 5100	< 1.3	< 5200	< 1.1	< 5100	< 0.83	< 5000	< 1.3	< 5200	< 1.6	< 5100	ND	ND
		4/12/2011	Primary	0.12	820	0.016	86	0.015	60	0.0052	21	0.0077	31	< 0.008	< 20	< 0.004	< 16	< 0.006	< 28	< 0.004	< 24	< 0.004	< 16	< 0.006	< 19	0.1639	1018
		9/20/2011	Primary	0.037	250	0.0024	13	< 0.002	< 7.9	0.0032	13	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.0426	276
		12/7/2011	Primary	0.063	430	0.0076	41	< 0.002	< 7.9	0.0074	30	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.078	501
		3/27/2012	Primary	0.053	360	0.014	75	< 0.002	< 7.9	0.012 J	49 J	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.079	484
		6/5/2012	Primary	0.044	300	< 0.002	< 11	< 0.002	< 7.9	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.044	300
		9/17/2012	Primary	0.068	460	0.0037	20	< 0.002	< 7.9	0.0027	11	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.0744	491
		9/17/2012	Duplicate	0.075	510	0.0039	21	< 0.002	< 7.9	0.0025	10	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.0814	541
		12/12/2012	Primary	0.026	180	< 0.002	< 11	< 0.002	< 7.9	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.026	180
		3/26/2013	Primary	< 0.002	< 14	< 0.002	< 11	< 0.002	< 7.9	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	ND	ND
		12/16/2013	Primary	0.013	88	0.0031	17	< 0.002	< 7.9	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.0161	105
SVE-10	10-29.2	2/23/2011	Primary	8.9	60000	6.2	33000	3.3	13000	7.8	32000	< 1.2	< 4900	< 2	< 5100	< 1.3	< 5200	< 1.1	< 5100	< 0.83	< 5000	< 1.3	< 5200	< 1.6	< 5100	26.2	138000
		2/23/2011	Duplicate	8.5	58000	6.1	33000	3.2	13000	7.2	29000	< 1.2	< 4900	< 2	< 5100	< 1.3	< 5200	< 1.1	< 5100	< 0.83	< 5000	< 1.3	< 5200	< 1.6	< 5100	25	133000
		4/12/2011	Primary	1.6	11000	0.38	2000	0.11	440	0.53	2100	< 0.03	< 100	0.039 J	100 J	< 0.02	< 80	< 0.03	< 100	< 0.02	< 100	< 0.02	< 80	0.053	170	2.712	15810
		9/20/2011	Primary	0.29	2000	0.071	380	0.019	75	0.069	280	< 0.012	< 49	< 0.02	< 50	< 0.01	< 39.7	< 0.011	< 51	< 0.01	< 60.4	< 0.01	< 39.7	< 0.015	< 48	0.449	2735
		12/7/2011	Primary	0.84	5700	0.22	1200	0.063	250	0.4	2000	< 0.062	< 250	< 0.098	< 250	< 0.05	< 200	< 0.054	< 250	< 0.05	< 300	< 0.05	< 200	< 0.075	< 240	1.523	9150
		12/7/2011	Duplicate	0.71	4800	0.22	1200	0.071	280	0.42	1700	< 0.037	< 150	< 0.059	< 150	< 0.03	< 100	< 0.032	< 150	< 0.03	< 200	< 0.03	< 100	0.044	140	1.465	8120
		3/27/2012	Primary	0.41	2800	0.13	700	< 0.03	< 100	0.14 J	570 J	< 0.037	< 150	< 0.059	< 150	< 0.03	< 100	< 0.032	< 150	< 0.03	< 200	< 0.03	< 100	< 0.045	< 140	0.68	4070
		6/5/2012	Primary	0.14 J	950 J	0.032 J	170 J	< 0.01	< 39.7	0.032 J	130 J	< 0.012	< 49	< 0.02	< 50	< 0.01	< 39.7	< 0.011	< 51	< 0.01	< 60.4	< 0.01	< 39.7	< 0.015	< 48	0.204	1250
		6/5/2012	Duplicate	0.21 J	1400 J	0.05 J	300 J	0.01	40	0.049 J	200 J	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	0.002	7.9	0.0056	18	0.3266	1965.9
		9/17/2012	Primary	0.41	2800	0.093	500	0.02	80	0.069	280	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.592	3660
		12/12/2012	Primary	0.23	1600	0.038	200	< 0.01	< 40	0.022	89	< 0.012	< 49	< 0.02	< 50	< 0.01	< 40	< 0.011	< 51	< 0.01	< 60	< 0.01	< 40	< 0.015	< 48	0.29	1889
		3/26/2013	Primary	< 0.002	< 14	< 0.002	< 11	< 0.002	< 7.9	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	ND	ND
		12/17/2013	Primary	0.12	820	0.018	97	0.0047	19	0.011	45	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.1537	981

TABLE V
ANALYTICAL RESULTS FOR CHEMICALS OF CONCERN IN SOIL VAPOR
COOPER DRUM COMPANY SUPERFUND SITE
SOUTH GATE, CALIFORNIA

Well ID	Screen Interval (ft bgs)	Sample Date	Sample Type	PCE		TCE		cDCE		1,1-DCA		1,2-DCA		VC		1,1-DCE		1,2-DCP		1,2,3-TCP		tDCE		Benzene		Total COCs	
				ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³
SVE-10	10-29.2	3/25/2014	Primary	0.39	2600	0.028	150	0.0056	22	0.0049	20	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.4285	2792
		6/26/2014	Primary	0.012	82	0.038	200	0.0076	30	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.0576	312
		9/23/2014	Primary	0.29	2000	0.042	230	< 0.03	< 100	< 0.03	< 100	< 0.038	< 150	< 0.058	< 150	< 0.03	< 100	< 0.033	< 150	< 0.03	< 200	< 0.03	< 100	< 0.045	< 140	0.332	2230
		12/9/2014	Primary	0.14	950	0.02	100	0.0044	17	0.0098	40	< 0.005	< 20	< 0.0078	< 20	< 0.004	< 16	< 0.0044	< 20	< 0.004	< 24	< 0.004	< 16	< 0.006	< 19	0.1742	1107
		3/26/2015	Primary	0.14	950	0.015	81	< 0.015	< 60	< 0.015	< 61	< 0.019	< 77	< 0.029	< 74	< 0.015	< 60	< 0.016	< 74	< 0.015	< 91	< 0.015	< 60	< 0.022	< 70	0.155	1031
		6/16/2015	Primary	0.083	560	0.0094	51	< 0.005	< 20	< 0.005	< 20	< 0.0062	< 25	< 0.0098	< 25	< 0.005	< 20	< 0.0055	< 25	< 0.005	< 30	< 0.005	< 20	< 0.0075	< 24	0.0924	611
		12/16/2015	Primary	0.11	750	0.014	75	< 0.004	< 16	0.011	45	< 0.005	< 20	< 0.0078	< 20	< 0.004	< 16	< 0.0044	< 20	< 0.004	< 24	< 0.004	< 16	< 0.006	< 19	0.135	870
		10/26/2016	Primary	0.17	1200	0.041	220	0.015	60	0.02	80	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	0.0056	18	0.2516	1578
		12/7/2016	Primary	0.17	1200	0.027	150	0.0071	28	0.0095	38	< 0.005	< 20	< 0.0078	< 20	< 0.004	< 16	< 0.0044	< 20	< 0.004	< 24	< 0.004	< 16	< 0.006	< 19	0.2136	1416
		12/21/2016	Primary	0.12	820	0.02	100	0.0049	19	0.0078	32	< 0.005	< 20	< 0.0078	< 20	< 0.004	< 16	< 0.0044	< 20	< 0.004	< 24	< 0.004	< 16	< 0.006	< 19	0.1527	971
		4/5/2017	Primary	0.01	70	0.0033	18	< 0.002	< 7.9	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.0133	88
		4/12/2017	Primary	0.26	1800	0.035	190	< 0.01	< 40	< 0.01	< 40	< 0.012	< 49	< 0.02	< 50	< 0.01	< 40	< 0.011	< 51	< 0.01	< 60	< 0.01	< 40	< 0.015	< 48	0.295	1990
		4/26/2017	Primary	< 0.002	< 14	< 0.002	< 11	< 0.002	< 7.9	< 0.002	< 8.1	0.054	220	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.054	220
		5/3/2017	Primary	< 0.002	< 14	< 0.002	< 11	< 0.002	< 7.9	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	ND	ND
		5/17/2017	Primary	0.15	1000	0.04	200	0.017	67	0.024	97	< 0.012	< 49	< 0.02	< 50	< 0.01	< 40	< 0.011	< 51	< 0.01	< 60	< 0.01	< 40	< 0.015	< 48	0.231	1364
		5/24/2017	Primary	0.18	1200	0.03	200	< 0.01	< 40	0.01	40	< 0.012	< 49	< 0.02	< 50	< 0.01	< 40	< 0.011	< 51	< 0.01	< 60	< 0.01	< 40	< 0.015	< 48	0.22	1440
SVE-11	9-29	8/24/2011	Primary	0.0081	55	0.0026	14	< 0.0025	< 9.9	< 0.0025	< 10	< 0.0025	< 10	< 0.0039	< 10	< 0.0025	< 9.9	< 0.0022	< 10	< 0.0017	< 10	< 0.0025	< 9.9	< 0.0031	< 9.9	0.0107	69
		9/20/2011	Primary	0.24	1600	0.019	100	< 0.01	< 39.7	0.017	69	< 0.012	< 49	< 0.02	< 50	< 0.01	< 39.7	< 0.011	< 51	< 0.01	< 60.4	< 0.01	< 39.7	< 0.015	< 48	0.276	1769
		12/7/2011	Primary	1.1	7500	0.065	350	< 0.05	< 200	< 0.05	< 200	< 0.062	< 250	< 0.098	< 250	< 0.05	< 200	< 0.054	< 250	< 0.05	< 300	< 0.05	< 200	< 0.075	< 240	1.165	7850
		3/27/2012	Primary	1.4	9500	0.061	330	< 0.03	< 100	< 0.03	< 100	< 0.037	< 150	< 0.059	< 150	< 0.03	< 100	< 0.032	< 150	< 0.03	< 200	< 0.03	< 100	< 0.045	< 140	1.461	9830
		6/5/2012	Primary	0.046	310	< 0.002	< 11	< 0.002	< 7.9	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.046	310
		9/18/2012	Primary	0.49	3300	0.019	100	< 0.002	< 7.9	0.0042	17	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.5132	3417
		12/10/2012	Primary	0.68	4600	< 0.061	< 330	< 0.06	< 200	< 0.06	< 200	< 0.074	< 300	< 0.12	< 310	< 0.06	< 200	< 0.065	< 300	< 0.06	< 400	< 0.06	< 200	< 0.09	< 300	0.68	4600
		7/2/2013	Primary	0.69	4700	< 0.031	< 170	< 0.03	< 100	< 0.03	< 100	< 0.037	< 150	< 0.059	< 150	< 0.03	< 100	< 0.032	< 150	< 0.03	< 200	< 0.03	< 100	< 0.045	< 140	0.69	4700
		9/24/2013	Primary	0.7	5000	< 0.03	< 200	< 0.03	< 100	< 0.03	< 100	< 0.038	< 150	< 0.058	< 150	< 0.03	< 100	< 0.033	< 150	< 0.03	< 200	< 0.03	< 100	< 0.045	< 140	0.7	5000
		12/17/2013	Primary	0.26	1800	< 0.03	< 200	< 0.03	< 100	< 0.03	< 100	< 0.038	< 150	< 0.058	< 150	< 0.03	< 100	< 0.033	< 150	< 0.03	< 200	< 0.03	< 100	< 0.045	< 140	0.26	1800
		3/25/2014	Primary	0.23	1600	0.0059	32	< 0.005	< 20	< 0.005	< 20	< 0.0062	< 25	< 0.0098	< 25	< 0.005	< 20	< 0.0055	< 25	< 0.005	< 30	< 0.005	< 20	< 0.0075	< 24	0.2359	1632
		6/26/2014	Primary	0.56	3800	0.015	81	< 0.01	< 40	< 0.01	< 40	< 0.012	< 49	< 0.02	< 50	< 0.01	< 40	< 0.011	< 51	< 0.01	< 60	< 0.01	< 40	< 0.015	< 48	0.575	3881
		9/23/2014	Primary	0.43	2900	0.0074	40	< 0.004	< 16	< 0.004	< 16	< 0.005	< 20	< 0.0078	< 20	< 0.004	< 16	< 0.0044	< 20	< 0.004	< 24	< 0.004	< 16	< 0.006	< 19	0.4374	2940
		12/16/2015	Primary	0.11	750	< 0.004	< 22	< 0.004	< 16	< 0.004	< 16	< 0.005	< 20	< 0.0078	< 20	< 0.004	< 16	< 0.0044	< 20	< 0.004	< 24	< 0.004	< 16	< 0.006	< 19	0.11	750
		11/2/2016	Primary	0.078	530	< 0.002	< 11	0.0024	9.5	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.0804	539.5
		11/16/2016	Primary	0.092	630	< 0.004	< 22	< 0.004	< 16	< 0.004	< 16	< 0.005	< 20	< 0.0078	< 20	< 0.004	< 16	< 0.0044	< 20	< 0.004	< 24	< 0.004	< 16	< 0.006	< 19	0.092	630
		12/14/2016	Primary	0.11	750	< 0.004	< 22	< 0.004	< 16	< 0.004	< 16	< 0.005	< 20	< 0.0078	< 20	< 0.004	< 16	< 0.0044	< 20	< 0.004	< 24	< 0.004	< 16	< 0.006	< 19	0.11	750
		12/27/2016	Primary	0.15	1000	0.01	50	< 0.004	< 16	< 0.004	< 16	< 0.005	< 20	< 0.0078	< 20	< 0.004	< 16	< 0.0044	< 20	< 0.004	< 24	< 0.004	< 16	< 0.006	< 19	0.16	1050
		3/22/2017	Primary	0.17	1200	0.0052	28	< 0.001	< 4.0	< 0.001	< 4.1	< 0.0012	< 4.9	< 0.002	< 5.1	< 0.001	< 4.0	< 0.0011	< 5.1	< 0.001	< 6.0	< 0.001	< 4.0	< 0.0015	< 4.8	0.1752	1228
		4/5/2017	Primary	< 0.002	< 14	< 0.002	< 11	< 0.002	< 7.9	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	ND	ND
		4/19/2017	Primary	0.049	330	< 0.002	< 11	< 0.002	< 7.9	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.049	330
		4/26/2017	Primary	0.13	880	< 0.01	< 50	< 0.01	< 40	< 0.01	< 40	< 0.012	< 49	< 0.02	< 50	< 0.01	< 40	< 0.011	< 51	< 0.01	< 60	< 0.01	< 40	< 0.015	< 48	0.13	880
		5/10/2017	Primary	0.017	120	< 0.002	< 11	< 0.002	< 7.9	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.017	120
		5/17/2017	Primary	0.095	650	< 0.002	< 11	0.0029	12	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.0979	662
SVE-12	9.5-29.5	8/24/2011	Primary	0.0055	37	0.0032	17	< 0.0025	< 9.9	< 0.0025	< 10	< 0.0025	< 10	< 0.0039	< 10	< 0.0025	< 9.9	< 0.0022	< 10	< 0.0017	< 10	< 0.0025	< 9.9	< 0.0031	< 9.9	0.0087	54
		9/20/2011	Primary	0.059	400	< 0.01	< 50	< 0.01	< 39.7	< 0.01	< 40	< 0.012	< 49	< 0.02	< 50	< 0.01	< 39.7	< 0.011	< 51	< 0.01	< 60.4	< 0.01	< 39.7	< 0.015	< 48	0.059	400
		12/7/2011	Primary	0.084	570	0.015	81	< 0.002	< 7.9	0.011	45	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.11	696
		3/27/2012	Primary	0.078	530	0.014	75	0.0025	9.9	0.01 J	40 J	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.1045	654.9
		3/27/2012	Duplicate	0.065	440	0.012	65	0.0022	8.7	0.0084 J	34 J	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.0876	547.7
		6/5/2012	Primary	0.018	120	0.0022	12	< 0.002	< 7.9	0.0024	9.7	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.0226	141.7
		9/18/2012	Primary	0.018	120	0.0045	24	< 0.002	< 7.9	0.003	12	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.0255	156
		12/10/2012	Primary	0.028	190	0.0053	29	< 0.002	< 7.9	0.003 J	12 J	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.0363	231
		3/26/2013	Primary	< 0.002	< 14	< 0.002	< 11	< 0.002	< 7.9	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	ND	ND
		12/17/2013	Primary	0.016	110	0.0039	21	< 0.002	< 7.9	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.0199	131
		3/25/2014	Primary	0.016	110	0.011	59	< 0.002	< 7.9	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.027	169
		6/26/2014	Primary	0.055	370	0.0097	52	< 0.002	< 7.9	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.0647	422
		9/23/2014	Primary	0.014	95	< 0.002	< 11	< 0.002	< 7.9	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.014	95

TABLE V
ANALYTICAL RESULTS FOR CHEMICALS OF CONCERN IN SOIL VAPOR
COOPER DRUM COMPANY SUPERFUND SITE
SOUTH GATE, CALIFORNIA

Well ID	Screen Interval (ft bgs)	Sample Date	Sample Type	PCE		TCE		cDCE		1;1-DCA		1,2-DCA		VC		1,1-DCE		1,2-DCP		1,2,3-TCP		tDCE		Benzene		Total COCs	
				ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³
VP-5A	9.25-9.75	2/15/2011	Primary	40	300000	22	120000	250 J	990000 J	42	170000	2.1	8500	130	330000	1.3	5200	< 1.1 J	< 5100 J	0.83	5000	5	20000	7.8	25000	501.03	1973700
		2/15/2011	Primary	72	490000	39	210000	480	1900000	72	290000	4.9	20000	210	540000	5	20000	< 4.3 J	< 20000 J	3.3	20000	7.6	30000	13	42000	906.8	3562000
		2/15/2011	Primary	94	640000	45	240000	550	2200000	62	250000	25	100000	180	460000	25	99000	< 22 J	< 100000 J	17	100000	25	99000	31	99000	1054	4287000
		5/25/2011	Primary	22	150000	< 4.1	< 22000	< 4	< 20000	< 4	< 20000	< 4.9	< 20000	< 7.8	< 20000	< 4	< 20000	< 4.3	< 20000	< 4	< 20000	< 4	< 20000	< 6	< 20000	22	150000
		9/21/2011	Primary	0.1 J	700 J	0.019 J	100 J	0.018 J	71 J	< 0.01	< 40	< 0.012	< 49	< 0.02	< 50	< 0.01	< 39.7	< 0.011	< 51	< 0.01	< 60.4	< 0.01	< 39.7	< 0.015	< 48	0.137	871
		9/21/2011	Duplicate	0.18 J	1200 J	0.028 J	150 J	0.053 J	210 J	< 0.01	< 40	< 0.012	< 49	< 0.02	< 50	< 0.01	< 39.7	< 0.011	< 51	< 0.01	< 60.4	< 0.01	< 39.7	< 0.015	< 48	0.261	1560
		12/6/2011	Primary	1.9	13000	0.22	1200	0.96	3800	0.21	850	< 0.12	< 490	0.63	1600	< 0.1	< 400	< 0.11	< 510	< 0.1	< 600	< 0.1	< 400	< 0.15	< 480	3.92	20450
		12/6/2011	Duplicate	2.1	14000	0.24	1300	1	4000	0.21	850	< 0.12	< 490	0.63	1600	< 0.1	< 400	< 0.11	< 510	< 0.1	< 600	< 0.1	< 400	< 0.15	< 480	4.18	21750
		3/29/2012	Primary	0.028	190	0.012	65	0.024	95	0.014	57	< 0.012	< 49	< 0.02	< 50	< 0.01	< 39.7	< 0.011	< 51	< 0.01	< 60.4	< 0.01	< 39.7	< 0.015	< 48	0.078	407
		6/6/2012	Primary	0.032	220	0.0054	29	0.0061	24	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.0435	273
		9/19/2012	Primary	0.57	3900	0.16	860	0.33	1300	0.044	180	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	1.104	6240
		12/12/2012	Primary	3.9	26000	0.66	3600	0.7	3000	< 0.2	< 800	< 0.25	< 1000	< 0.39	< 1000	< 0.2	< 800	< 0.22	< 1000	< 0.2	< 1000	< 0.2	< 800	< 0.3	< 1000	5.26	32600
		3/20/2013	Primary	3.5	24000	0.53	2900	0.65	2600	< 0.2	< 800	< 0.25	< 1000	< 0.39	< 1000	< 0.2	< 800	< 0.22	< 1000	< 0.2	< 1000	< 0.2	< 800	< 0.3	< 1000	4.68	29500
		6/25/2013	Primary	1.8	12000	0.5	3000	0.58	2300	0.17	690	< 0.12	< 490	< 0.2	< 500	< 0.1	< 400	< 0.11	< 510	< 0.1	< 600	< 0.1	< 400	< 0.15	< 480	3.05	17990
		9/24/2013	Primary	1.3	8800	0.33	1800	0.44	1700	0.1	400	< 0.12	< 490	< 0.2	< 500	< 0.1	< 400	< 0.11	< 510	< 0.1	< 600	< 0.1	< 400	< 0.15	< 480	2.17	12700
		12/18/2013	Primary	0.21	1400	0.15	810	0.34	1300	< 0.1	< 400	< 0.12	< 490	< 0.2	< 500	< 0.1	< 400	< 0.11	< 510	< 0.1	< 600	< 0.1	< 400	< 0.15	< 480	0.7	3510
		3/25/2014	Primary	1.2	8200	0.3	2000	0.31	1200	< 0.1	< 400	< 0.12	< 490	< 0.2	< 500	< 0.1	< 400	< 0.11	< 510	< 0.1	< 600	< 0.1	< 400	< 0.15	< 480	1.81	11400
		6/26/2014	Primary	0.57	3900	0.12	650	0.2	800	< 0.06	< 200	< 0.075	< 300	< 0.12	< 310	< 0.06	< 200	< 0.066	< 310	< 0.06	< 400	< 0.06	< 200	< 0.09	< 300	0.89	5350
		12/9/2014	Primary	0.86	5800	0.3	2000	0.3	1000	0.19	770	< 0.012	< 49	< 0.02	< 50	< 0.01	< 40	0.024	110	< 0.01	< 60	0.058	230	< 0.015	< 48	1.732	9910
		3/25/2015	Primary	0.59	4000	0.17	910	0.18	710	0.047	190	< 0.05	< 200	< 0.078	< 200	< 0.04	< 200	< 0.044	< 200	< 0.04	< 200	< 0.04	< 200	< 0.06	< 200	0.987	5810
		9/22/2015	Primary	0.71	4800	0.21	1100	0.14	560	0.18	730	< 0.012	< 49	< 0.02	< 50	< 0.01	< 40	< 0.011	< 51	< 0.01	< 60	0.064	250	0.017	54	1.321	7494
		12/16/2015	Primary	0.23	1600	0.084	450	< 0.01	< 40	0.032	130	< 0.012	< 49	< 0.02	< 50	< 0.01	< 40	< 0.011	< 51	< 0.01	< 60	< 0.01	< 40	< 0.015	< 48	0.346	2180
		4/19/2016	Primary	0.026	180	0.0035 J	19 J	0.0019 J	7.5 J	< 0.001	< 4.1	< 0.0012	< 4.9	< 0.002	< 5.1	< 0.001	< 4.0	< 0.0011	< 5.1	< 0.001	< 6.0	< 0.001	< 4.0	< 0.0015	< 4.8	0.0314	206.5
		5/31/2016	Primary	< 0.001	< 6.8	< 0.001	< 5.4	< 0.001	< 4.0	< 0.001	< 4.1	< 0.0012	< 4.9	< 0.002	< 5.1	< 0.001	< 4.0	< 0.0011	< 5.1	< 0.001	< 6.0	< 0.001	< 4.0	< 0.0015	< 4.8	ND	ND
		8/29/2016	Primary	0.12	820	0.41	2200	0.019	75	0.07	300	< 0.0012	< 4.9	< 0.002	< 5.1	< 0.001	< 4.0	0.0052	24	< 0.001	< 6.0	0.021	83	< 0.0015	< 4.8	0.6452	3502
		12/27/2016	Primary	0.2	1000	0.036	190	0.029	120	0.0082	33	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	0.0022	8.7	< 0.003	< 9.6	0.2754	1351.7
		3/14/2017	Primary	0.32	2200	0.06	300	0.011	44	0.016	65	< 0.00062	< 2.5	< 0.00098	< 2.5	< 0.0005	< 2.0	0.0019	8.8	< 0.0005	< 3.0	0.004	16	< 0.00075	< 2.4	0.4129	2633.8
		6/28/2017	Primary	0.32	2200	0.13	700	0.0042	17	0.054	220	< 0.005	< 20	< 0.0078	< 20	< 0.004	< 16	0.0048	22	< 0.004	< 24	0.017	67	< 0.006	< 19	0.53	3226
		9/27/2017	Primary	0.28	1900	0.081	440	0.018	71	0.039	160	< 0.012	< 49	0.02	50	< 0.01	< 40	< 0.011	< 51	< 0.01	< 60	0.013	52	< 0.015	< 48	0.451	2673
		12/11/2017	Primary	0.017	120	0.004	22	< 0.0005	< 2.0	0.0017	6.9	< 0.00062	< 2.5	< 0.00098	< 2.5	< 0.0005	< 2.0	< 0.00055	< 2.5	< 0.0005	< 3.0	0.002	7.9	0.00079 J	2.5 J	0.02549	159.3
VP-5B	20.25-20.75	2/15/2011	Primary	< 0.59	< 4000	< 0.74	< 4000	5.3	21000	1.4	5700	< 0.99	< 4000	3.2	8200	< 1	< 4000	< 0.87 J	< 4000 J	< 0.66	< 4000	< 1	< 4000	< 1.3	< 4200	9.9	34900
		5/25/2011	Primary	0.0057	39	0.002	10	< 0.002	< 7.9	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.0077	49
		9/21/2011	Primary	< 0.002	< 14	< 0.002	< 11	< 0.002	< 7.9	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	ND	ND
		12/6/2011	Primary	0.014	95	< 0.002	< 11	0.0048	19	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.0188	114
		3/29/2012	Primary	< 0.002	< 14	< 0.002	< 11	< 0.002	< 7.9	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	ND	ND
		6/6/2012	Primary	< 0.002	< 14	< 0.002	< 11	< 0.002	< 7.9	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	ND	ND
		9/19/2012	Primary	< 0.002	< 14	< 0.002	< 11	< 0.002	< 7.9	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	ND	ND
		12/12/2012	Primary	0.032	220	0.0046	25	0.0049	19	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.0415	264
		3/20/2013	Primary	0.047	320	0.009	48	0.011	44	0.0026	11	< 0.0025	< 10	0.0072	18	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.0768	441
		6/25/2013	Primary	1.4	9500	0.43	2300	0.55	2200	0.16	650	< 0.12	< 490	< 0.2	< 500	< 0.1	< 400	< 0.11	< 510	< 0.1	< 600	< 0.1	< 400	< 0.15	< 480	2.54	14650
		9/24/2013	Primary	0.03	200	< 0.005	< 27	< 0.005	< 20	< 0.005	< 20	< 0.0062	< 25	< 0.0098	< 25	< 0.005	< 20	< 0.0055	< 25	< 0.005	< 30	< 0.005	< 20	< 0.0075	< 24	0.03	200
		12/18/2013	Primary	0.036	240	< 0.02	< 100	< 0.02	< 80	< 0.02	< 80	< 0.025	< 100	< 0.039	< 100	< 0.02	< 80	< 0.022	< 100	< 0.02	< 100	< 0.02	< 80	< 0.03	< 100	0.036	240
		12/9/2014	Primary	0.98	6700	0.39	2100	0.68	2700	0.2	800	< 0.0025	< 10	0.18	460	0.018	71	0.0057	26	< 0.002	< 12	0.044	170	0.014	45	2.5117	13072
		3/25/2015	Primary	0.0021	14	< 0.002	< 11	< 0.002	< 7.9	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.0021	14
		4/19/2016	Primary	< 0.0005	< 3.4	< 0.0005 J	< 2.7 J	< 0.0005 J	< 2.0 J	< 0.0005	< 2.0	< 0.00062	< 2.5	< 0.00098	< 2.5	< 0.0005	< 2.0	< 0.00055	< 2.5	< 0.0005	< 3.0	< 0.0005	< 2.0	< 0.00075	< 2.4	ND	ND
		12/27/2016	Primary	0.0068	46	0.00068	3.7	< 0.0005	< 2.0	< 0.0005	< 2.0	< 0.00062	< 2.5	< 0.00098	< 2.5	< 0.0005	< 2.0	< 0.00055	< 2.5	< 0.0005	< 3.0	< 0.0005	< 2.0	< 0.00075	< 2.4	0.00748	49.7
		3/14/2017	Primary	0.018	120	0.0023	12	0.0047	19	0.00051	2.1	< 0.00062	< 2.5	< 0.00098	< 2.5	< 0.0005	< 2.0	< 0.00055	< 2.5	< 0.0005	< 3.0	< 0.0005	< 2.0	< 0.00075	< 2.4	0.02551	153.1
		6/28/2017	Primary	0.0066	45	0.0015	8.1	< 0.0005	< 2.0	< 0.0005	< 2.0	< 0.00062	< 2.5	< 0.00098	< 2.5	< 0.0005	< 2.0	< 0.00055	< 2.5	< 0.0005	< 3.0	< 0.0005	< 2.0	0.00098	3.1	0.00908	56.2
		9/27/2017	Primary	0.01	70	0.0025	13	< 0.0005	< 2.0	< 0.0005	< 2.0	< 0.00062	< 2.5	< 0.00098	< 2.5	< 0.0005	< 2.0	< 0.00055	< 2.5	< 0.0005	< 3.0	< 0.0005	< 2.0	< 0.00075	< 2.4	0.0125	83
		12/11/2017	Primary	0.00075	5.1	< 0.0005	< 2.7	< 0.0005	< 2.0	< 0.0005	< 2.0	< 0.00062	< 2.5	< 0.00098	< 2.5	< 0.0005	< 2.0	< 0.00055	< 2.5	< 0.0005	< 3.0	< 0.0005	< 2.0	0.0009 J	2.9 J	0.00165	8
VP-5C	27.25-27.75	2/15/2011	Primary	< 0.59	< 4000	< 0.74	< 4000	< 1	< 4000	< 0.99	< 4000	< 0.99	< 4000	< 1.6	< 4100	< 1	< 4000	< 0.87 J	< 4000 J	< 0.66	< 4000	< 1	< 4000	< 1.3	< 4200	ND	ND
		5/25/2011	Primary	5.2	35000	2.6	14000	17	67000	2.1	8500	< 1.2	< 4900	< 2	< 5000	< 1	< 4000	< 1.1	< 5100	< 1	< 6000	< 1	< 4000	< 1.5	< 4800	26.9	124500
		9/21/2011	Primary	0.71	4800	0.45	2400	0.63	2500	0.16	650	< 0.12	< 490	0.2	500	< 0.1	< 400	< 0.11	< 510	< 0.1	< 600	< 0.1	< 400	< 0.15	< 480	2.15	10850
		12/6/2011	Primary	0.094	640	0.033	180	0.11	440	0.03	100	< 0.0062	< 25	0.031	79	< 0.005	< 20	< 0.0054	< 25	< 0.005	< 30	< 0.005	< 20	< 0.0075	< 24	0.298	1439
		3/29/2012	Primary	0.24	1600	0.078	420	1.3	5200	0.062	250	< 0.0062	< 25	0.055	140	0.023	91	< 0.0054	< 25	< 0.005	< 30	0.045	180	0.018	58	1.821	7939
		6/6/2012	Primary	1.3	8800	0.39	2100	0.76	3000	0.096	390	< 0.037	< 150	< 0.059	< 150	< 0.03	< 100	< 0.032	< 150	< 0.03	< 200	< 0.03	< 100	< 0.045	< 140	2.546	14290
		9/19/2012	Primary	0.62	4200	0.19	1000	0.4	2000	0.057	230	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	1.267	7430
		12/12/2012	Primary	1.2	8200	0.3	2000	4.6	18000	0.34	1400	< 0.37	< 1500	< 0.59	< 1500	< 0.3	< 1000	< 0.32	< 1500	< 0.3	< 2000	< 0.3	< 1000	< 0.45	< 1400	6.44	29600

TABLE V
ANALYTICAL RESULTS FOR CHEMICALS OF CONCERN IN SOIL VAPOR
COOPER DRUM COMPANY SUPERFUND SITE
SOUTH GATE, CALIFORNIA

Well ID	Screen Interval (ft bgs)	Sample Date	Sample Type	PCE		TCE		cDCE		1,1-DCA		1,2-DCA		VC		1,1-DCE		1,2-DCP		1,2,3-TCP		tDCE		Benzene		Total COCs	
				ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³
VP-5C	27.25-27.75	3/20/2013	Primary	0.28	1900	0.059	320	0.51	2000	0.03	100	< 0.012	< 49	< 0.02	< 50	< 0.01	< 40	< 0.011	< 51	< 0.01	< 60	0.016	64	0.016	51	0.911	4435
		6/25/2013	Primary	0.49	3300	0.26	1400	41 J	160000 J	5.9	24000	< 0.12	< 490	2	5000	0.4 J	2000 J	0.17	790	< 0.1	< 600	1.4	5600	0.81	2600	52.43	204690
		9/24/2013	Primary	0.02	100	< 0.01	< 50	0.12	480	0.016	65	< 0.012	< 49	< 0.02	< 50	< 0.01	< 40	< 0.011	< 51	< 0.01	< 60	< 0.01	< 40	< 0.015	< 48	0.156	645
		12/18/2013	Primary	0.025	170	0.0088	47	0.11	440	0.026	110	< 0.01	< 40	< 0.016	< 41	< 0.008	< 32	< 0.0088	< 41	< 0.008	< 48	< 0.008	< 32	< 0.012	< 38	0.1698	767
		12/9/2014	Primary	0.47	3200	0.29	1600	8.7	35000	0.94	3800	0.024	97	0.17	440	0.022	87	0.038	180	< 0.002	< 12	0.14	560	0.093	300	10.887	45264
		3/25/2015	Primary	0.02	100	< 0.01	< 50	0.24	950	0.12	490	< 0.012	< 49	< 0.02	< 50	< 0.01	< 40	< 0.011	< 51	< 0.01	< 60	0.012	48	< 0.015	< 48	0.392	1588
		9/22/2015	Primary	0.014	95	< 0.01	< 50	< 0.01	< 40	< 0.01	< 40	< 0.012	< 49	< 0.02	< 50	< 0.01	< 40	< 0.011	< 51	< 0.01	< 60	< 0.01	< 40	0.025	80	0.039	175
		12/16/2015	Primary	0.068	460	0.018	97	0.14	560	0.028	110	< 0.0012	< 4.9	< 0.002	< 5.1	< 0.001	< 4.0	0.0024	11	< 0.001	< 6.0	0.0042	17	0.002	6.4	0.2626	1261.4
		4/19/2016	Primary	0.017	120	0.0035 J	19 J	0.0019 J	7.5 J	< 0.001	< 4.1	< 0.0012	< 4.9	< 0.002	< 5.1	< 0.001	< 4.0	< 0.0011	< 5.1	< 0.001	< 6.0	< 0.001	< 4.0	< 0.0015	< 4.8	0.0224	146.5
		12/27/2016	Primary	0.0084	57	0.001	5.4	0.00086	3.4	0.00056	2.3	< 0.00062	< 2.5	< 0.00098	< 2.5	< 0.0005	< 2.0	< 0.00055	< 2.5	< 0.0005	< 3.0	< 0.0005	< 2.0	< 0.00075	< 2.4	0.01082	68.1
		3/14/2017	Primary	0.043 J-	290 J-	0.009 J-	48 J-	0.28 J-	1100 J-	0.022 J-	89 J-	< 0.00062 J	< 2.5 J	0.0033 J-	8.4 J-	< 0.0005 J	< 2.0 J	0.0021 J-	9.7 J-	< 0.0005 J	< 3.0 J	0.0017 J-	6.7 J-	0.0041 J-	13 J-	0.3652	1564.8
		6/28/2017	Primary	0.031	210	0.0063	34	0.038	150	< 0.004	< 16	< 0.005	< 20	< 0.0078	< 20	< 0.004	< 16	< 0.0044	< 20	< 0.004	< 24	< 0.004	< 16	< 0.006	< 19	0.0753	394
		9/27/2017	Primary	0.019	130	0.0056	30	0.051	200	0.0042	17	< 0.00062	< 2.5	0.0021	5.4	< 0.0005	< 2.0	0.00076	3.5	< 0.0005	< 3.0	< 0.0005	< 2.0	0.0015	4.8	0.08416	390.7
		12/11/2017	Primary	0.062	420	0.019	100	0.036	140	0.0024	9.7	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003 J	< 9.6 J	0.1194	669.7
VP-6A	9.25-9.75	2/15/2011	Primary	250	1700000	150	810000	830	3300000	64	260000	< 25	< 100000	180	460000	< 25	< 99000	< 22 J	< 100000 J	< 17	< 100000	< 25	< 99000	< 31	< 99000	1474	6530000
		5/25/2011	Primary	0.025	170	0.015	81	0.014	56	< 0.002	< 8.1	0.0047	19	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.0587	326
		9/21/2011	Primary	1.5	10000	0.74	4000	0.98	3900	< 0.2	< 800	< 0.25	< 1000	< 0.39	< 1000	< 0.2	< 800	< 0.22	< 1000	< 0.2	< 1000	< 0.2	< 800	< 0.3	< 1000	3.22	17900
		12/6/2011	Primary	7.5	51000	3.2	17000	5.3	21000	0.54	2200	< 0.49	< 2000	0.78	2000	< 0.4	< 2000	< 0.43	< 2000	< 0.4	< 2000	< 0.4	< 2000	< 0.6	< 2000	17.32	93200
		3/29/2012	Primary	0.015	100	< 0.01	< 50	< 0.01	< 39.7	< 0.01	< 40	< 0.012	< 49	< 0.02	< 50	< 0.01	< 39.7	< 0.011	< 51	< 0.01	< 60.4	< 0.01	< 39.7	< 0.015	< 48	0.015	100
		6/6/2012	Primary	0.022	150	0.0052	28	< 0.002	< 7.9	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.0272	178
		9/19/2012	Primary	2.7	18000	0.61	3300	0.66	2600	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	3.97	23900
		12/12/2012	Primary	< 1.5	< 10000	< 1.5	< 8100	< 1.5	< 6000	< 1.5	< 6100	< 1.9	< 7700	< 2.9	< 7400	< 1.5	< 6000	< 1.6	< 7400	< 1.5	< 9100	< 1.5	< 6000	< 2.3	< 7400	ND	ND
		12/12/2012	Duplicate	< 1.5	< 10000	< 1.5	< 8100	< 1.5	< 6000	< 1.5	< 6100	< 1.9	< 7700	< 2.9	< 7400	< 1.5	< 6000	< 1.6	< 7400	< 1.5	< 9100	< 1.5	< 6000	< 2.3	< 7400	ND	ND
		3/20/2013	Primary	2.9	20000	0.39	2100	0.44	1700	< 0.2	< 800	< 0.25	< 1000	< 0.39	< 1000	< 0.2	< 800	< 0.22	< 1000	< 0.2	< 1000	< 0.2	< 800	< 0.3	< 1000	3.73	23800
		6/25/2013	Primary	0.16	1100	< 0.1	< 500	0.1	400	< 0.1	< 400	< 0.12	< 490	< 0.2	< 500	< 0.1	< 400	< 0.11	< 510	< 0.1	< 600	< 0.1	< 400	< 0.15	< 480	0.26	1500
		9/24/2013	Primary	0.12	820	0.071	380	0.11	440	0.028	110	< 0.012	< 49	< 0.02	< 50	< 0.01	< 40	< 0.011	< 51	< 0.01	< 60	< 0.01	< 40	< 0.015	< 48	0.329	1750
		12/18/2013	Primary	0.06	400	0.024	130	0.01	40	< 0.008	< 32	< 0.01	< 40	< 0.016	< 41	< 0.008	< 32	< 0.0088	< 41	< 0.008	< 48	< 0.008	< 32	< 0.012	< 38	0.094	570
		3/25/2015	Primary	0.12	820	0.027	150	0.036	140	0.013	53	< 0.012	< 49	< 0.02	< 50	< 0.01	< 40	< 0.011	< 51	< 0.01	< 60	< 0.01	< 40	< 0.015	< 48	0.196	1163
		9/22/2015	Primary	0.27	1800	0.1	500	0.26	1000	0.098	400	< 0.01	< 40	< 0.016	< 41	< 0.008	< 32	< 0.0088	< 41	< 0.008	< 48	0.034	130	< 0.012	< 38	0.762	3830
		12/16/2015	Primary	0.11	750	0.041	220	0.034	130	0.015	61	< 0.005	< 20	< 0.0078	< 20	< 0.004	< 16	< 0.0044	< 20	< 0.004	< 24	0.0041	16	< 0.006	< 19	0.2041	1177
		4/19/2016	Primary	0.012	82	0.0014 J	7.5 J	0.0019 J	7.5 J	< 0.001	< 4.1	< 0.0012	< 4.9	< 0.002	< 5.1	< 0.001	< 4.0	< 0.0011	< 5.1	< 0.001	< 6.0	< 0.001	< 4.0	< 0.0015	< 4.8	0.0153	97
		8/15/2016	Primary	0.14	950	0.074	400	0.14	560	0.07	300	< 0.0012	< 4.9	< 0.002	< 5.1	< 0.001	< 4.0	0.0026	12	< 0.001	< 6.0	0.022	87	< 0.0015	< 4.8	0.4486	2309
		12/27/2016	Primary	0.027	180	0.015	81	0.017	67	0.0042	17	< 0.0012	< 4.9	< 0.002	< 5.1	< 0.001	< 4.0	< 0.0011	< 5.1	< 0.001	< 6.0	< 0.001	< 4.0	< 0.0015	< 4.8	0.0632	345
		3/14/2017	Primary	0.13	880	0.04	200	0.043	170	0.017	69	< 0.005	< 20	< 0.0078	< 20	< 0.004	< 16	< 0.0044	< 20	< 0.004	< 24	0.0066	26	< 0.006	< 19	0.2366	1345
		6/28/2017	Primary	0.16	1100	0.09	500	0.082	330	0.053	210	< 0.005	< 20	< 0.0078	< 20	< 0.004	< 16	< 0.0044	< 20	< 0.004	< 24	0.019	75	< 0.006	< 19	0.404	2215
		9/27/2017	Primary	0.2	1000	0.1	500	0.13	520	0.063	260	< 0.012	< 49	0.085	220	< 0.01	< 40	< 0.011	< 51	< 0.01	< 60	0.03	100	< 0.015	< 48	0.608	2600
		12/11/2017	Primary	0.12	820	0.039	210	0.05	200	0.012	49	< 0.012	< 49	< 0.02	< 50	< 0.01	< 40	< 0.011	< 51	< 0.01	< 60	< 0.01	< 40	< 0.015 J	< 48 J	0.221	1279
VP-6B	20.25-20.75	2/15/2011	Primary	5.3	36000	3.3	18000	22	87000	2.5	10000	< 1.2	< 4900	6.7	17000	< 1.3	< 5200	< 1.1 J	< 5100 J	< 0.83	< 5000	< 1.3	< 5200	< 1.6	< 5100	39.8	168000
		5/25/2011	Primary	< 0.002	< 14	< 0.002	< 11	< 0.002	< 7.9	< 0.002	< 8.1	0.004	20	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.004	20
		9/21/2011	Primary	< 0.002 J	< 14 J	< 0.002 J	< 11 J	< 0.002 J	< 7.9 J	< 0.002 J	< 8.1 J	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	ND	ND
		9/21/2011	Duplicate	0.004 J	27 J	0.0063 J	34 J	0.011 J	44 J	0.0062 J	25 J	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.0275	130
		12/6/2011	Primary	0.09	600	0.043	230	0.068	270	0.0062	25	< 0.0062	< 25	0.014	36	< 0.005	< 20	< 0.0054	< 25	< 0.005	< 30	< 0.005	< 20	< 0.0075	< 24	0.2212	1161
		12/6/2011	Duplicate	0.1	700	0.056	300	0.081	320	0.0079	32	< 0.0062	< 25	0.011	28	< 0.005	< 20	< 0.0054	< 25	< 0.005	< 30	< 0.005	< 20	< 0.0075	< 24	0.2559	1380
		3/29/2012	Primary	< 0.0099	< 67	< 0.01	< 50	< 0.01	< 39.7	< 0.01	< 40	< 0.012	< 49	< 0.02	< 50	< 0.01	< 39.7	< 0.011	< 51	< 0.01	< 60.4	< 0.01	< 39.7	< 0.015	< 48	ND	ND
		3/29/2012	Duplicate	< 0.002	< 14	< 0.002	< 11	0.0024	9.5	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.0024	9.5
		6/6/2012	Primary	< 0.002	< 14	< 0.002	< 11	< 0.002	< 7.9	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	ND	ND
		9/19/2012	Primary	0.0027	18	< 0.002	< 11	< 0.002	< 7.9	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.0027	18
		12/12/2012	Primary	< 0.0099	< 67	< 0.01	< 50	< 0.01	< 40	< 0.01	< 40	< 0.012	< 49	< 0.02	< 50	< 0.01	< 40	< 0.011	< 51	< 0.01	< 60	< 0.01	< 40	< 0.015	< 48	ND	ND
		3/20/2013	Primary	0.012	82	< 0.002	< 11	0.0024	9.5	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.0144	91.5
		6/25/2013	Primary	0.0023	16	< 0.002	< 11	< 0.002	< 7.9	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.0023	16
		12/18/2013	Primary	0.0096	65	0.0025	13	< 0.002	< 7.9	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.0121	78
		3/25/2015	Primary	< 0.002	< 14	< 0.002	< 11	< 0.002	< 7.9	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	ND	ND
		4/19/2016	Primary	< 0.001	< 6.8	< 0.001 J	< 5.4 J	< 0.001 J	< 4.0 J	< 0.001	< 4.1	< 0.0012	< 4.9	< 0.002	< 5.1	< 0.001	< 4.0	< 0.0011	< 5.1	< 0.001	< 6.0	< 0.001	< 4.0	< 0.0015	< 4.8	ND	ND
		12/27/2016	Primary	0.00055	3.7	< 0.0005	< 2.7	< 0.0005	< 2.0	< 0.0005	< 2.0	< 0.00062	< 2.5	< 0.00098	< 2.5	< 0.0005	< 2.0	< 0.00055	< 2.5	< 0.0005	< 3.0	< 0.0005	< 2.0	< 0.00075	< 2.4	0.00055	3.7
		3/14/2017	Primary	0.0087	59	0.0015	8.1	0.0011	4.4	< 0.0005	< 2.0	< 0.00062	< 2.5	< 0.00098	< 2.5	< 0.0005	< 2.0	< 0.00055	< 2.5	< 0.0005	< 3.0	< 0.0005	< 2.0	0.0016	5.1	0.0129	76.6
		6/28/2017	Primary	0.018	120	0.0032	17	0.0015	6.0	< 0.001	< 4.1	< 0.0012	< 4.9	< 0.002	< 5.1	< 0.001	< 4.0	< 0.0011	< 5.1	< 0.001	< 6.0	< 0.001	< 4.0	< 0.0015	< 4.8	0.0227	143
		9/27/2017	Primary	< 0.001	< 6.8	< 0.001	< 5.4	< 0.001	< 4.0	< 0.001	< 4.1	< 0.0012	< 4.9	< 0.002	< 5.1	< 0.001	< 4.0	< 0.0011	< 5.1	< 0.001	< 6.0	< 0.001	< 4.0	< 0.0015	< 4.8	ND	ND
		12/11/2017	Primary	0.061	410	0.014	75	0.066	260	0.01	40	0.0025	10	< 0.002	< 5.1	< 0.001	< 4.0	0.003	14	< 0.001	< 6.0	0.0013	5.2	0.014 J	45 J	0.1718	859.2

TABLE V
ANALYTICAL RESULTS FOR CHEMICALS OF CONCERN IN SOIL VAPOR
COOPER DRUM COMPANY SUPERFUND SITE
SOUTH GATE, CALIFORNIA

Well ID	Screen Interval (ft bgs)	Sample Date	Sample Type	PCE		TCE		cDCE		1,1-DCA		1,2-DCA		VC		1,1-DCE		1,2-DCP		1,2,3-TCP		tDCE		Benzene		Total COCs	
				ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³
VP-6C	27.25-27.75	2/15/2011	Primary	5.3	36000	3	16000	30	100000	3.7	15000	< 1.2	< 4900	8.6	22000	< 1.3	< 5200	< 1.1 J	< 5100 J	< 0.83	< 5000	< 1.3	< 5200	< 1.6	< 5100	50.6	189000
		5/25/2011	Primary	1.1 J	7500 J	1.1	5900	1.5 J	6000 J	< 0.2	< 800	< 0.25	< 1000	< 0.39	< 1000	< 0.2	< 800	< 0.22	< 1000	< 0.2	< 1000	< 0.2	< 800	< 0.3	< 1000	3.7	19400
		5/25/2011	Duplicate	1.5 J	10000 J	1.2	6500	1 J	4000 J	< 0.2	< 800	< 0.25	< 1000	< 0.39	< 1000	< 0.2	< 800	< 0.22	< 1000	< 0.2	< 1000	< 0.2	< 800	< 0.3	< 1000	3.7	20500
		9/21/2011	Primary	0.85	5800	0.43	2300	0.38	1500	0.04	200	< 0.049	< 200	< 0.078	< 200	< 0.04	< 200	< 0.043	< 200	< 0.04	< 200	< 0.04	< 200	< 0.06	< 200	1.7	9800
		12/6/2011	Primary	2.2	15000	0.8	4000	0.71	2800	0.11	450	< 0.074	< 300	< 0.12	< 310	< 0.06	< 200	< 0.065	< 300	< 0.06	< 400	< 0.06	< 200	< 0.09	< 300	3.82	22250
		3/29/2012	Primary	5.9	40000	2.4	13000	3.3	13000	0.86	3500	< 0.15	< 610	1.3	3300	< 0.12	< 480	< 0.13	< 600	< 0.12	< 720	< 0.12	< 480	< 0.18	< 580	13.76	72800
		6/6/2012	Primary	8.7 J	59000 J	2.8 J	15000 J	3.8 J	15000 J	0.44 J	1800 J	< 0.25	< 1000	< 0.39	< 1000	< 0.2	< 800	< 0.22	< 1000	< 0.2	< 1000	< 0.2	< 800	< 0.3	< 1000	15.74	90800
		6/6/2012	Duplicate	2.5 J	17000 J	0.47 J	2500 J	1.1 J	4400 J	< 0.2 J	< 800 J	< 0.25	< 1000	< 0.39	< 1000	< 0.2	< 800	< 0.22	< 1000	< 0.2	< 1000	< 0.2	< 800	< 0.3	< 1000	4.07	23900
		9/19/2012	Primary	2.9 J	20000 J	0.8 J	4000 J	0.3 J	1000 J	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	4	25000
		9/19/2012	Duplicate	1.5 J	10000 J	0.26 J	1400 J	< 0.002 J	< 7.9 J	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	1.76	11400
		12/12/2012	Primary	4.1	28000	0.59	3200	0.37	1500	< 0.1	< 400	< 0.12	< 490	< 0.2	< 500	< 0.1	< 400	< 0.11	< 510	< 0.1	< 600	< 0.1	< 400	< 0.15	< 480	5.06	32700
		3/20/2013	Primary	2.5	17000	0.4	2000	0.64	2500	< 0.2	< 800	< 0.25	< 1000	< 0.39	< 1000	< 0.2	< 800	< 0.22	< 1000	< 0.2	< 1000	< 0.2	< 800	< 0.3	< 1000	3.54	21500
		6/25/2013	Primary	0.013	88	< 0.002	< 11	0.075	300	0.02	80	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	0.002	7.9	< 0.003	< 9.6	0.11	475.9
		12/18/2013	Primary	0.2	1000	0.017	91	< 0.008	< 32	< 0.008	< 32	< 0.01	< 40	< 0.016	< 41	< 0.008	< 32	< 0.0088	< 41	< 0.008	< 48	< 0.008	< 32	< 0.012	< 38	0.217	1091
		12/9/2014	Primary	0.37	2500	0.056	300	0.41	1600	0.097	390	< 0.0025	< 10	0.04	100	0.0031	12	0.004	19	< 0.002	< 12	0.012	48	0.0092	29	1.0013	4998
		3/25/2015	Primary	0.0043	29	< 0.002	< 11	< 0.002	< 7.9	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.0043	29
		4/19/2016	Primary	0.24	1600	0.015 J	81 J	0.022 J	87 J	0.0032	13	< 0.0012	< 4.9	< 0.002	< 5.1	< 0.001	< 4.0	< 0.0011	< 5.1	< 0.001	< 6.0	0.0022	8.7	< 0.0015	< 4.8	0.2824	1789.7
		12/27/2016	Primary	0.0069	47	0.00078	4.2	0.0012	4.8	0.00058	2.4	< 0.00062	< 2.5	< 0.00098	< 2.5	< 0.0005	< 2.0	< 0.00055	< 2.5	< 0.0005	< 3.0	< 0.0005	< 2.0	< 0.00075	< 2.4	0.00946	58.4
		3/14/2017	Primary	0.038	260	0.0064	34	0.19	750	0.016	65	0.003	12	< 0.002	< 5.1	< 0.001	< 4.0	0.0024	11	< 0.001	< 6.0	0.0011	4.4	0.0035	11	0.2604	1147.4
		6/28/2017	Primary	0.073	500	0.011	59	0.031	120	0.0055	22	< 0.005	< 20	< 0.0078	< 20	< 0.004	< 16	< 0.0044	< 20	< 0.004	< 24	< 0.004	< 16	< 0.006	< 19	0.1205	701
		9/27/2017	Primary	0.037	250	0.012	65	0.026	100	0.0067	27	< 0.00062	< 2.5	0.0053	14	< 0.0005	< 2.0	0.00068	3.1	< 0.0005	< 3.0	0.0028	11	0.0017	5.4	0.09218	475.5
		12/11/2017	Primary	0.011	75	< 0.002	< 11	0.0046	18	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	0.022 J	70 J	0.0376	163
VP-7A	9.5-10	2/15/2011	Primary	< 15	< 100000	< 19	< 100000	< 25	< 99000	< 25	< 100000	< 25	< 100000	< 39	< 100000	< 25	< 99000	< 22 J	< 100000 J	< 17	< 100000	< 25	< 99000	< 31	< 99000	ND	ND
		2/15/2011	Primary	< 0.74	< 5000	< 0.93	< 5000	< 1.3	< 5200	< 1.2	< 4900	< 1.2	< 4900	< 2	< 5100	< 1.3	< 5200	< 1.1 J	< 5100 J	< 0.83	< 5000	< 1.3	< 5200	< 1.6	< 5100	ND	ND
		5/24/2011	Primary	< 0.002	< 14	< 0.002	< 11	< 0.002	< 7.9	< 0.002	< 8.1	< 0.0027	< 11	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	ND	ND
		9/19/2011	Primary	0.047	320	0.006	32	< 0.002	< 7.9	0.0044	18	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.0574	370
		12/5/2011	Primary	0.034	230	0.012	65	0.004	16	0.012	49	< 0.0025	< 10	0.0051	13	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.0671	373
		3/27/2012	Primary	0.015	100	0.0052	28	< 0.002	< 7.9	0.0035	14	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.0237	142
		6/4/2012	Primary	0.012	82	0.0022	12	< 0.002	< 7.9	0.0022	8.9	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.0164	102.9
		9/17/2012	Primary	0.015	100	0.0022	12	< 0.002	< 7.9	0.0032	13	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.0204	125
		12/10/2012	Primary	0.0061	41	< 0.002	< 11	< 0.002	< 7.9	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.0061	41
		3/18/2013	Primary	0.011	75	0.0026	14	0.0024	9.5	0.0047	19	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.0207	117.5
		6/25/2013	Primary	0.004	27	< 0.002	< 11	< 0.002	< 7.9	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.004	27
		12/18/2013	Primary	0.01	70	0.0079	43	< 0.002	< 7.9	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.0179	113
		3/25/2015	Primary	0.005	34	0.0021	11	< 0.002	< 7.9	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.0071	45
		4/19/2016	Primary	< 0.001	< 6.8	< 0.001 J	< 5.4 J	< 0.001 J	< 4.0 J	< 0.001	< 4.1	< 0.0012	< 4.9	< 0.002	< 5.1	< 0.001	< 4.0	< 0.0011	< 5.1	< 0.001	< 6.0	< 0.001	< 4.0	< 0.0015	< 4.8	ND	ND
		12/27/2016	Primary	0.001	6.8	< 0.0005	< 2.7	< 0.0005	< 2.0	< 0.0005	< 2.0	< 0.00062	< 2.5	< 0.00098	< 2.5	< 0.0005	< 2.0	< 0.00055	< 2.5	< 0.0005	< 3.0	< 0.0005	< 2.0	< 0.00075	< 2.4	0.001	6.8
		3/14/2017	Primary	0.0023	16	< 0.0005	< 2.7	< 0.0005	< 2.0	< 0.0005	< 2.0	< 0.00062	< 2.5	< 0.00098	< 2.5	< 0.0005	< 2.0	< 0.00055	< 2.5	< 0.0005	< 3.0	< 0.0005	< 2.0	0.0015	4.8	0.0038	20.8
		6/28/2017	Primary	0.0072	49	0.0017	9.1	0.0012	4.8	< 0.0005	< 2.0	0.0007	2.8	< 0.00098	< 2.5	< 0.0005	< 2.0	< 0.00055	< 2.5	< 0.0005	< 3.0	< 0.0005	< 2.0	0.00082	2.6	0.01162	68.3
		9/27/2017	Primary	< 0.00084	< 5.7	< 0.00084	< 4.5	< 0.00084	< 3.3	< 0.00084	< 3.4	< 0.001	< 4.1	< 0.0016	< 4.1	< 0.00084	< 3.3	< 0.00092	< 4.3	< 0.00084	< 5.1	< 0.00084	< 3.3	< 0.0013	< 4.2	ND	ND
		12/11/2017	Primary	0.0055	37	0.0019	10	< 0.0005	< 2.0	< 0.0005	< 2.0	< 0.00062	< 2.5	< 0.00098	< 2.5	< 0.0005	< 2.0	< 0.00055	< 2.5	< 0.0005	< 3.0	< 0.0005	< 2.0	< 0.00075 J	< 2.4 J	0.0074	47
VP-7B	18.75-19.25	2/15/2011	Primary	< 0.74	< 5000	< 0.93	< 5000	1.6	6400	1.4	5700	< 1.2	< 4900	< 2	< 5100	< 1.3	< 5200	< 1.1 J	< 5100 J	< 0.83	< 5000	< 1.3	< 5200	< 1.6	< 5100	3	12100
		2/15/2011	Duplicate	< 0.74	< 5000	< 0.93	< 5000	< 1.3	< 5200	< 1.2	< 4900	< 1.2	< 4900	2	5100	< 1.3	< 5200	< 1.1 J	< 5100 J	< 0.83	< 5000	< 1.3	< 5200	< 1.6	< 5100	2	5100
		5/24/2011	Primary	< 0.002	< 14	< 0.002	< 11	< 0.002	< 7.9	< 0.002	< 8.1	< 0.0042	< 17	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	ND	ND
		9/19/2011	Primary	0.013	88	0.008	43	0.0088	35	0.017	69	< 0.0025	< 10	0.013	33	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	0.0023	9.1	< 0.003	< 9.6	0.0621	277.1
		12/5/2011	Primary	1.1	7500	0.78	4200	0.91	3600	1.1	4500	< 0.049	< 200	1.1	2800	0.066	260	< 0.043	< 200	< 0.04	< 200	0.16	640	0.069	220	5.285	23720
		3/27/2012	Primary	0.62	4200	0.3	2000	0.55	2200	0.67	2700	< 0.049	< 200	0.12	310	< 0.04	< 200	< 0.043	< 200	< 0.04	< 200	0.05	200	< 0.06	< 200	2.31	11610
		6/4/2012	Primary	0.22	1500	0.067	360	0.038	150	0.086 J	350 J	< 0.037	< 150	< 0.059	< 150	< 0.03	< 100	< 0.032	< 150	< 0.03	< 200	< 0.03	< 100	< 0.045	< 140	0.411	2360
		6/4/2012	Duplicate	0.25	1700	0.08	400	0.048	190	0.12 J	490 J	< 0.037	< 150	< 0.059	< 150	< 0.03	< 100	< 0.032	< 150	< 0.03	< 200	< 0.03	< 100	< 0.045	< 140	0.498	2780
		9/17/2012	Primary	0.37	2500	0.12	650	0.061	240	0.21	850	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.761	4240
		12/10/2012	Primary	0.36	2400	0.094	510	0.066	260	0.27 J	1100 J	< 0.012	< 49	< 0.02	< 50	< 0.01	< 40	< 0.011	< 51	< 0.01	< 60	< 0.01	< 40	< 0.015	< 48	0.79	4270
		3/18/2013	Primary	1	7000	0.41	2200	0.29	1200	0.53	2100	< 0.012	< 49	0.31	790	0.031	120	< 0.011	< 51	< 0.01	< 60	0.038	150	0.036	120	2.645	13680
		6/25/2013	Primary	0.19	1300	0.037	200	0.024	95	0.072	290	< 0.012	< 49	< 0.02	< 50	< 0.01	< 40	< 0.011	< 51	< 0.01	< 60	< 0.01	< 40	< 0.015	< 48	0.323	1885
		12/18/2013	Primary	0.12	820	0.033	180	0.012	48	0.047	190	< 0.005	< 20	< 0.0078	< 20	< 0.004	< 16	< 0.0044	< 20	< 0.004	< 24	< 0.004	< 16	< 0.006	< 19	0.212	1238
		12/9/2014	Primary	0.12	820	0.013	70	0.0075	30	0.017	69	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.1575	989
		3/25/2015	Primary	0.13	880	0.01	50	< 0.002	< 7.9	0.014	57	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.154	987
		9/22/2015	Primary	0.2	1000	0.014	75	< 0.004	< 16	0.015	61	< 0.005	< 20	< 0.0078	< 20	< 0.004	< 16	< 0.0044	< 20	< 0.004	< 24	< 0.004	< 16	< 0.006	< 19	0.229	1136
		12/16/2015	Primary	0.062	420	0.0046	25	< 0.002	< 7.9	0.0023	9.3	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.0689	454.3

TABLE V
ANALYTICAL RESULTS FOR CHEMICALS OF CONCERN IN SOIL VAPOR
COOPER DRUM COMPANY SUPERFUND SITE
SOUTH GATE, CALIFORNIA

Well ID	Screen Interval (ft bgs)	Sample Date	Sample Type	PCE		TCE		cDCE		1,1-DCA		1,2-DCA		VC		1,1-DCE		1,2-DCP		1,2,3-TCP		tDCE		Benzene		Total COCs	
				ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³
VP-7B	18.75-19.25	4/19/2016	Primary	0.0011	7.5	< 0.001 J	< 5.4 J	< 0.001 J	< 4.0 J	< 0.001	< 4.1	< 0.0012	< 4.9	< 0.002	< 5.1	< 0.001	< 4.0	< 0.0011	< 5.1	< 0.001	< 6.0	< 0.001	< 4.0	< 0.0015	< 4.8	0.0011	7.5
		5/31/2016	Primary	< 0.001	< 6.8	< 0.001	< 5.4	< 0.001	< 4.0	< 0.001	< 4.1	< 0.0012	< 4.9	< 0.002	< 5.1	< 0.001	< 4.0	< 0.0011	< 5.1	< 0.001	< 6.0	< 0.001	< 4.0	< 0.0015	< 4.8	ND	ND
		12/27/2016	Primary	0.016	110	< 0.002	< 11	< 0.002	< 7.9	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.016	110
		3/14/2017	Primary	0.78	5300	0.022	120	< 0.001	< 4.0	0.018	73	< 0.0012	< 4.9	< 0.002	< 5.1	< 0.001	< 4.0	< 0.0011	< 5.1	< 0.001	< 6.0	< 0.001	< 4.0	< 0.0015	< 4.8	0.82	5493
		6/28/2017	Primary	0.21	1400	0.01	50	< 0.004	< 16	0.0074	30	< 0.005	< 20	< 0.0078	< 20	< 0.004	< 16	< 0.0044	< 20	< 0.004	< 24	< 0.004	< 16	< 0.006	< 19	0.2274	1480
		9/27/2017	Primary	0.0022	15	< 0.0005	< 2.7	< 0.0005	< 2.0	< 0.0005	< 2.0	< 0.00062	< 2.5	< 0.00098	< 2.5	< 0.0005	< 2.0	< 0.00055	< 2.5	< 0.0005	< 3.0	< 0.0005	< 2.0	< 0.00075	< 2.4	0.0022	15
		12/11/2017	Primary	0.053	360	0.0032	17	< 0.0005	< 2.0	0.00068	2.8	< 0.00062	< 2.5	< 0.00098	< 2.5	< 0.0005	< 2.0	< 0.00055	< 2.5	< 0.0005	< 3.0	< 0.0005	< 2.0	< 0.00075 J	< 2.4 J	0.05688	379.8
VP-7C	30.5-31	2/15/2011	Primary	< 0.74	< 5000	0.95	5100	1.6	6400	2.7	11000	< 1.2	< 4900	< 2	< 5100	< 1.3	< 5200	< 1.1 J	< 5100 J	< 0.83	< 5000	< 1.3	< 5200	< 1.6	< 5100	5.25	22500
		5/24/2011	Primary	< 0.04	< 300	0.071	380	0.05	200	0.059	240	< 0.049	< 200	< 0.078	< 200	< 0.04	< 200	< 0.043	< 200	< 0.04	< 200	< 0.04	< 200	< 0.06	< 200	0.18	820
		9/19/2011	Primary	0.027	180	0.061	330	0.019	75	0.089	360	< 0.0025	< 10	< 0.0039	< 10	0.0023	9.1	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	0.0038	12	0.2021	966.1
		12/5/2011	Primary	0.22	1500	0.47	2500	0.12	480	0.54	2200	< 0.037	< 150	< 0.059	< 150	< 0.03	< 100	< 0.032	< 150	< 0.03	< 200	< 0.03	< 100	< 0.045	< 140	1.35	6680
		3/27/2012	Primary	0.19	1300	0.47	2500	0.11	440	0.67	2700	< 0.025	< 100	< 0.039	< 100	0.03	100	< 0.022	< 100	< 0.02	< 100	< 0.02	< 80	< 0.03	< 100	1.47	7040
		6/4/2012	Primary	0.0055	37	0.002	11	< 0.002	< 7.9	0.0022	8.9	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.0097	56.9
		9/17/2012	Primary	0.16	1100	0.24	1300	0.19	750	0.17	690	< 0.0025	< 10	0.022	56	0.0078	31	0.0028	13	< 0.002	< 12	0.028	110	0.0056	18	0.8262	4068
		12/10/2012	Primary	0.33	2200	1.3	7000	2.8	11000	3.3 J	13000 J	< 0.012	< 49	0.17	440	0.21	830	0.015	69	< 0.01	< 60	0.11	440	< 0.015	< 48	8.235	34979
		3/18/2013	Primary	0.061	410	0.048	260	0.094	370	0.099	400	< 0.012	< 49	< 0.02	< 50	< 0.01	< 40	< 0.011	< 51	< 0.01	< 60	< 0.01	< 40	< 0.015	< 48	0.302	1440
		6/25/2013	Primary	0.056	380	0.067	360	0.9 J	4000 J	0.18 J	730 J	< 0.0025	< 10	0.0067	17	< 0.002	< 7.9	0.0026	12	< 0.002	< 12	0.0076	30	< 0.003	< 9.6	1.2199	5529
		9/24/2013	Primary	0.042	290	0.045	240	0.16	640	0.13	530	< 0.038	< 150	< 0.058	< 150	< 0.03	< 100	< 0.033	< 150	< 0.03	< 200	< 0.03	< 100	< 0.045	< 140	0.377	1700
		12/18/2013	Primary	0.13	880	0.076	410	0.099	390	0.22	890	< 0.01	< 40	< 0.016	< 41	< 0.008	< 32	< 0.0088	< 41	< 0.008	< 48	< 0.008	< 32	< 0.012	< 38	0.525	2570
		12/9/2014	Primary	0.0097	66	< 0.002	< 11	< 0.002	< 7.9	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.0097	66
		3/25/2015	Primary	0.066	450	0.35	1900	< 0.005	< 20	0.0088	36	< 0.0062	< 25	< 0.0098	< 25	< 0.005	< 20	< 0.0055	< 25	< 0.005	< 30	< 0.005	< 20	< 0.0075	< 24	0.4248	2386
		9/22/2015	Primary	0.047	320	0.054	290	0.011	44	0.013	53	< 0.01	< 40	< 0.016	< 41	< 0.008	< 32	< 0.0088	< 41	< 0.008	< 48	< 0.008	< 32	< 0.012	< 38	0.125	707
		12/16/2015	Primary	0.017	120	0.01	50	0.0068	27	0.007	28	< 0.00062	< 2.5	< 0.00098	< 2.5	< 0.0005	< 2.0	< 0.00055	< 2.5	< 0.0005	< 3.0	< 0.0005	< 2.0	< 0.00075	< 2.4	0.0408	225
		4/19/2016	Primary	0.0028	19	< 0.0005 J	< 2.7 J	< 0.0005 J	< 2.0 J	< 0.0005	< 2.0	< 0.00062	< 2.5	< 0.00098	< 2.5	< 0.0005	< 2.0	< 0.00055	< 2.5	< 0.0005	< 3.0	< 0.0005	< 2.0	< 0.00075	< 2.4	0.0028	19
		12/27/2016	Primary	0.091	620	0.035	190	0.011	44	0.011	45	< 0.00062	< 2.5	0.0013	3.3	0.0012	4.8	< 0.00055	< 2.5	< 0.0005	< 3.0	0.00092	3.7	0.0012	3.8	0.15262	914.6
		3/14/2017	Primary	0.051	350	0.038	200	0.0037	15	0.013	53	< 0.00062	< 2.5	< 0.00098	< 2.5	< 0.0005	< 2.0	< 0.00055	< 2.5	< 0.0005	< 3.0	< 0.0005	< 2.0	< 0.003	< 9.6	0.1057	618
		6/28/2017	Primary	0.047	320	0.022	120	< 0.004	< 16	0.0065	26	< 0.005	< 20	< 0.0078	< 20	< 0.004	< 16	< 0.0044	< 20	< 0.004	< 24	< 0.004	< 16	< 0.006	< 19	0.0755	466
		9/27/2017	Primary	0.041	280	0.015	81	0.0028	11	0.0066	27	< 0.00062	< 2.5	< 0.00098	< 2.5	< 0.0005	< 2.0	< 0.00055	< 2.5	< 0.0005	< 3.0	< 0.0005	< 2.0	< 0.00075	< 2.4	0.0654	399
		12/11/2017	Primary	0.11	750	0.11	590	0.041	160	0.011	45	< 0.005	< 20	< 0.0078	< 20	< 0.004	< 16	< 0.0044	< 20	<.0.004	< 24	< 0.004	< 16	< 0.006 J	< 19 J	0.272	1545
VP-7D	34.5-35	2/16/2011	Primary	1.4	9500	2	11000	3	12000	5.2	21000	< 1.2	< 4900	< 2	< 5100	< 1.3	< 5200	< 1.1	< 5100	< 0.83	< 5000	< 1.3	< 5200	< 1.6	< 5100	11.6	53500
		5/24/2011	Primary	0.028	190	0.026	140	< 0.002	< 7.9	0.003	10	< 0.004	< 20	< 0.0039	< 10	0.003	10	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.06	350
		9/19/2011	Primary	0.037	250	0.03	200	0.005	20	0.044	180	0.0042	17	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.1202	667
		12/5/2011	Primary	0.34	2300	0.48	2600	< 0.03	< 100	0.69	2800	< 0.037	< 150	< 0.059	< 150	< 0.03	< 100	< 0.032	< 150	< 0.03	< 200	< 0.03	< 100	< 0.045	< 140	1.51	7700
		3/27/2012	Primary	0.22	1500	0.61	3300	0.28	1100	0.72	2900	< 0.037	< 150	0.067	170	0.048	190	< 0.032	< 150	< 0.03	< 200	< 0.03	< 100	< 0.045	< 140	1.945	9160
		6/4/2012	Primary	0.18	1200	0.76	4100	0.63	2500	1.1	4500	< 0.037	< 150	0.67	1700	0.18	710	< 0.032	< 150	< 0.03	< 200	0.15	600	< 0.045	< 140	3.67	15310
		9/17/2012	Primary	0.037	250	0.073	390	< 0.002	< 7.9	0.14	570	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	0.34	1100	0.59	2310
		12/10/2012	Primary	0.092	630	0.15	810	0.066	260	0.12 J	490 J	< 0.0025	< 10	0.049 J	130 J	0.55 J	2200 J	< 0.0022	< 10	< 0.002	< 12	0.013 J	52 J	< 0.003	< 9.6	1.04	4572
		12/10/2012	Duplicate	0.084	570	0.13	700	0.063	250	0.16 J	650 J	< 0.0025	< 10	0.034 J	87 J	0.38 J	1500 J	0.0023	11	< 0.002	< 12	0.0091 J	36 J	< 0.003	< 9.6	0.8624	3804
		3/18/2013	Primary	0.1	700	0.12	650	0.038	150	0.23	930	< 0.0025	< 10	< 0.0039	< 10	0.0045	18	< 0.0022	< 10	< 0.002	< 12	0.0034	13	0.013	42	0.5089	2503
		12/18/2013	Primary	0.093	630	0.25	1300	0.045	180	0.16	650	< 0.0025	< 10	< 0.0039	< 10	0.017	67	0.0024	11	< 0.002	< 12	0.0026	10	< 0.003	< 9.6	0.57	2848
		3/25/2015	Primary	0.039	260	0.46	2500	< 0.005	< 20	< 0.005	< 20	< 0.0062	< 25	< 0.0098	< 25	< 0.005	< 20	< 0.0055	< 25	< 0.005	< 30	< 0.005	< 20	< 0.0075	< 24	0.499	2760
		9/22/2015	Primary	0.016	110	0.044	240	0.0079	31	0.0046	19	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.0725	400
		12/16/2015	Primary	0.009	61	0.0057	31	0.0031	12	0.0023	9.3	< 0.00062	< 2.5	< 0.00098	< 2.5	< 0.0005	< 2.0	< 0.00055	< 2.5	< 0.0005	< 3.0	< 0.0005	< 2.0	< 0.00075	< 2.4	0.0201	113.3
		4/19/2016	Primary	0.00054	3.7	< 0.0005 J	< 2.7 J	< 0.0005 J	< 2.0 J	< 0.0005	< 2.0	< 0.00062	< 2.5	< 0.00098	< 2.5	< 0.0005	< 2.0	< 0.00055	< 2.5	< 0.0005	< 3.0	< 0.0005	< 2.0	< 0.00075	< 2.4	0.00054	3.7
		9/12/2016	Primary	0.022	150	0.14	750	0.023	91	0.013	53	< 0.00062	< 2.5	< 0.00098	< 2.5	< 0.0005	< 2.0	< 0.00055	< 2.5	< 0.0005	< 3.0	0.0012	4.8	0.0013	4.2	0.2005	1053
		12/27/2016	Primary	0.014	95	0.12	650	0.056	220	0.011	45	< 0.00062	< 2.5	0.011	28	0.013	52	0.0011	5.1	< 0.0005	< 3.0	0.0097	39	0.008	26	0.2438	1160.1
		3/14/2017	Primary	0.022	150	0.02	100	0.00076	3.0	0.0092	37	< 0.00062	< 2.5	< 0.00098	< 2.5	< 0.0005	< 2.0	< 0.00055	< 2.5	< 0.0005	< 3.0	< 0.0005	< 2.0	0.0011	3.5	0.05306	293.5
		6/28/2017	Primary	0.034	230	0.02	100	< 0.004	< 16	0.0051	21	< 0.005	< 20	< 0.0078	< 20	< 0.004	< 16	< 0.0044	< 20	< 0.004	< 24	< 0.004	< 16	< 0.006	< 19	0.0591	351
		9/27/2017	Primary	< 0.0005	< 3.4	< 0.0005	< 2.7	< 0.0005	< 2.0	< 0.0005	< 2.0	< 0.00062	< 2.5	< 0.00098	< 2.5	< 0.0005	< 2.0	< 0.00055	< 2.5	< 0.0005	< 3.0	< 0.0005	< 2.0	< 0.00075	< 2.4	ND	ND
		12/11/2017	Primary	0.13	880	0.11	590	0.017	67	0.012	49	< 0.005	< 20	< 0.0078	< 20	< 0.004	< 16	< 0.0044	< 20	< 0.004	< 24	< 0.004	< 16	< 0.006 J	< 19 J	0.269	1586
VP-8A	9.5-10	2/15/2011	Primary	< 0.74	< 5000	< 0.93	< 5000	< 1.3	< 5200	< 1.2	< 4900	< 1.2	< 4900	< 2	< 5100	< 1.3	< 5200	< 1.1 J	< 5100 J	< 0.83	< 5000	< 1.3	< 5200	< 1.6	< 5100	ND	ND
		5/24/2011	Primary	< 0.002	< 14	< 0.002	< 11	< 0.002	< 7.9	< 0.002	< 8.1	< 0.0042	< 17	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	ND	ND
		9/19/2011	Primary	0.0022	15	< 0.002	< 11	< 0.002	< 7.9	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.0022	15
		12/5/2011	Primary	0.15	1000	0.11	590	0.023	91	0.027	110	< 0.012	< 49	< 0.02	< 50	< 0.01	< 39.7	< 0.011	< 51	< 0.01	< 60.4	< 0.01	< 39.7	< 0.015	< 48	0.31	1791
		3/27/2012	Primary	0.074	500	0.035	190	0.012	48	0.0057	23	< 0.0049	< 20	< 0.0078	< 20	< 0.004	< 16	< 0.0043	< 20	< 0.004	< 24	< 0.004	< 16	< 0.006	< 19	0.1267	761
		6/5/2012	Primary	0.052	350	0.016	86	< 0.002	< 7.9	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	0.0028	17	< 0.002	< 7.9	< 0.003	< 9.6	0.0708	453
		9/17/2012	Primary	0.06	400	0.019	100	< 0.002	< 7.9	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	0.003	18	< 0.002	< 7.9	< 0.003	< 9.6	0.082	518
		12/10/2012	Primary	0.014	95	0.005	27	< 0.002	< 7.9	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.019	122

TABLE V
ANALYTICAL RESULTS FOR CHEMICALS OF CONCERN IN SOIL VAPOR
COOPER DRUM COMPANY SUPERFUND SITE
SOUTH GATE, CALIFORNIA

Well ID	Screen Interval (ft bgs)	Sample Date	Sample Type	PCE		TCE		cDCE		1,1-DCA		1,2-DCA		VC		1,1-DCE		1,2-DCP		1,2,3-TCP		tDCE		Benzene		Total COCs	
				ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³
VP-8A	9.5-10	3/18/2013	Primary	0.042	290	0.02	100	0.0039	15	0.0038	15	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.0697	420
		6/25/2013	Primary	0.037	250	0.014	75	0.0032	13	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	0.0026	16	< 0.002	< 7.9	< 0.003	< 9.6	0.0568	354
		12/18/2013	Primary	0.024	160	0.019	100	0.0044	17	< 0.004	< 16	< 0.005	< 20	< 0.0078	< 20	< 0.004	< 16	< 0.0044	< 20	< 0.004	< 24	< 0.004	< 16	< 0.006	< 19	0.0474	277
		3/25/2015	Primary	0.03	200	0.0068	37	< 0.002	< 7.9	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.0368	237
		9/22/2015	Primary	0.067	460	0.034	180	< 0.002	< 7.9	0.0022	8.9	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.1032	648.9
		12/16/2015	Primary	0.036	240	0.016	86	0.0026	10	0.0017	6.9	< 0.0012	< 4.9	< 0.002	< 5.1	< 0.001	< 4.0	< 0.0011	< 5.1	< 0.001	< 6.0	< 0.001	< 4.0	< 0.0015	< 4.8	0.0563	342.9
		4/19/2016	Primary	0.0097	66	0.0025 J	13 J	< 0.001 J	< 4.0 J	< 0.001	< 4.1	< 0.0012	< 4.9	< 0.002	< 5.1	< 0.001	< 4.0	< 0.0011	< 5.1	< 0.001	< 6.0	< 0.001	< 4.0	< 0.0015	< 4.8	0.0122	79
		12/27/2016	Primary	0.012	82	0.0025	13	< 0.0005	< 2.0	< 0.0005	< 2.0	< 0.00062	< 2.5	< 0.00098	< 2.5	< 0.0005	< 2.0	< 0.00055	< 2.5	0.00094	5.7	< 0.0005	< 2.0	< 0.00075	< 2.4	0.01544	100.7
		3/14/2017	Primary	0.011	75	0.0059	32	0.0012	4.8	0.00088	3.6	< 0.00062	< 2.5	< 0.00098	< 2.5	< 0.0005	< 2.0	< 0.00055	< 2.5	0.00072	4.3	< 0.0005	< 2.0	< 0.00075	< 2.4	0.0197	119.7
		6/28/2017	Primary	0.02	100	0.0053	29	< 0.002	< 7.9	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.0253	129
		9/27/2017	Primary	< 0.0005	< 3.4	< 0.0005	< 2.7	< 0.0005	< 2.0	< 0.0005	< 2.0	< 0.00062	< 2.5	< 0.00098	< 2.5	< 0.0005	< 2.0	< 0.00055	< 2.5	< 0.0005	< 3.0	< 0.0005	< 2.0	< 0.00075	< 2.4	ND	ND
		12/11/2017	Primary	0.022	150	0.0043	23	< 0.0005	< 2.0	< 0.0005	< 2.0	< 0.00062	< 2.5	< 0.00098	< 2.5	< 0.0005	< 2.0	< 0.00055	< 2.5	0.00072	4.3	< 0.0005	< 2.0	< 0.00075 J	< 2.4 J	0.02702	177.3
VP-8B	18-18.5	2/15/2011	Primary	4.3	29000	3.2	17000	5	20000	4.2	17000	< 1.2	< 4900	< 2	< 5100	< 1.3	< 5200	< 1.1 J	< 5100 J	< 0.83	< 5000	< 1.3	< 5200	< 1.6	< 5100	16.7	83000
		2/15/2011	Duplicate	3.5	24000	2.8	15000	4.3	17000	3.5	14000	< 1.2	< 4900	< 2	< 5100	< 1.3	< 5200	< 1.1 J	< 5100 J	< 0.83	< 5000	< 1.3	< 5200	< 1.6	< 5100	14.1	70000
		5/24/2011	Primary	0.06	400	0.022	120	0.011	44	< 0.01	< 40	< 0.012	< 49	< 0.02	< 50	< 0.01	< 39.7	< 0.011	< 51	< 0.01	< 60.4	< 0.01	< 39.7	< 0.015	< 48	0.093	564
		9/19/2011	Primary	0.0068	46	0.0047	25	0.002	7.9	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.0135	78.9
		12/5/2011	Primary	0.69	4700	0.5	3000	0.16	640	0.14	570	< 0.037	< 150	< 0.059	< 150	< 0.03	< 100	< 0.032	< 150	< 0.03	< 200	< 0.03	< 100	< 0.045	< 140	1.49	8910
		12/5/2011	Duplicate	0.75	5100	0.52	2800	0.16	640	0.14	570	< 0.037	< 150	< 0.059	< 150	< 0.03	< 100	< 0.032	< 150	< 0.03	< 200	< 0.03	< 100	< 0.045	< 140	1.57	9110
		3/27/2012	Primary	0.31	2100	0.19	1000	0.073	290	0.037	150	< 0.037	< 150	< 0.059	< 150	< 0.03	< 100	< 0.032	< 150	< 0.03	< 200	< 0.03	< 100	< 0.045	< 140	0.61	3540
		6/5/2012	Primary	0.15	1000	0.069	370	0.021	83	< 0.01	< 40	< 0.012	< 49	< 0.02	< 50	< 0.01	< 39.7	< 0.011	< 51	< 0.01	< 60.4	< 0.01	< 39.7	< 0.015	< 48	0.24	1453
		9/17/2012	Primary	0.22	1500	0.12	650	0.033	130	0.014	57	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	0.0055 J	33 J	< 0.002	< 7.9	< 0.003	< 9.6	0.3925	2370
		9/17/2012	Duplicate	0.21	1400	0.1	500	0.03	100	0.011	45	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	0.0093 J	56 J	< 0.002	< 7.9	< 0.003	< 9.6	0.3603	2101
		12/10/2012	Primary	0.25	1700	0.24	1300	0.013	52	< 0.01	< 40	< 0.012	< 49	< 0.02	< 50	< 0.01	< 40	< 0.011	< 51	< 0.01	< 60	< 0.01	< 40	< 0.015	< 48	0.503	3052
		3/18/2013	Primary	0.24	1600	0.12	650	0.038	150	0.021	85	< 0.012	< 49	< 0.02	< 50	< 0.01	< 40	< 0.011	< 51	< 0.01	< 60	< 0.01	< 40	< 0.015	< 48	0.419	2485
		6/25/2013	Primary	0.093	630	0.041	220	0.011	44	< 0.008	< 32	< 0.0099	< 40	< 0.016	< 41	< 0.008	< 32	< 0.0087	< 40	< 0.008	< 48	< 0.008	< 32	< 0.012	< 38	0.145	894
		12/18/2013	Primary	0.047	320	0.02	100	< 0.004	< 16	< 0.004	< 16	< 0.005	< 20	< 0.0078	< 20	< 0.004	< 16	< 0.0044	< 20	0.0072	43	< 0.004	< 16	< 0.006	< 19	0.0742	463
		3/25/2015	Primary	0.036	240	0.013	70	0.002	7.9	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	0.0041	25	< 0.002	< 7.9	< 0.003	< 9.6	0.0551	342.9
		9/22/2015	Primary	0.093	630	0.04	200	0.0051	20	0.0039	16	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	0.014 J	85 J	< 0.002	< 7.9	< 0.003	< 9.6	0.156	951
		12/16/2015	Primary	0.052	350	0.028	150	0.0062	25	0.004	16	< 0.0012	< 4.9	< 0.002	< 5.1	< 0.001	< 4.0	< 0.0011	< 5.1	0.002	12	< 0.001	< 4.0	< 0.0015	< 4.8	0.0922	553
		4/19/2016	Primary	0.026	180	0.01 J	50 J	< 0.001 J	< 4.0 J	< 0.001	< 4.1	< 0.0012	< 4.9	< 0.002	< 5.1	< 0.001	< 4.0	< 0.0011	< 5.1	0.0026	16	< 0.001	< 4.0	< 0.0015	< 4.8	0.0386	246
		5/16/2016	Primary	0.047	320	0.019	100	0.0016	6.4	< 0.001	< 4.1	< 0.0012	< 4.9	< 0.002	< 5.1	< 0.001	< 4.0	< 0.0011	< 5.1	0.0047	28	< 0.001	< 4.0	< 0.0015	< 4.8	0.0723	454.4
		12/27/2016	Primary	0.022	150	0.0053	29	< 0.0005	< 2.0	< 0.0005	< 2.0	< 0.00062	< 2.5	< 0.00098	< 2.5	< 0.0005	< 2.0	< 0.00055	< 2.5	0.0033	20	< 0.0005	< 2.0	< 0.00075	< 2.4	0.0306	199
		3/14/2017	Primary	0.03	200	0.012	65	0.0014	5.6	0.001	4.1	< 0.00062	< 2.5	< 0.00098	< 2.5	< 0.0005	< 2.0	< 0.00055	< 2.5	0.0028	17	< 0.0005	< 2.0	< 0.00075	< 2.4	0.0472	291.7
		6/28/2017	Primary	0.022	150	0.0095	51	< 0.002	< 7.9	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	0.0024	14	< 0.002	< 7.9	< 0.003	< 9.6	0.0339	215
		9/27/2017	Primary	< 0.0005	< 3.4	< 0.0005	< 2.7	< 0.0005	< 2.0	< 0.0005	< 2.0	< 0.00062	< 2.5	< 0.00098	< 2.5	< 0.0005	< 2.0	< 0.00055	< 2.5	< 0.0005	< 3.0	< 0.0005	< 2.0	< 0.00075	< 2.4	ND	ND
		12/11/2017	Primary	0.033	220	0.011	59	0.00055	2.2	0.0008	3.2	< 0.00062	< 2.5	< 0.00098	< 2.5	< 0.0005	< 2.0	< 0.00055	< 2.5	0.0028	17	< 0.0005	< 2.0	< 0.00075 J	< 2.4 J	0.04815	301.4
VP-8C	29.5-30	2/15/2011	Primary	< 0.74	< 5000	1.8	9700	< 1.3	< 5200	< 1.2	< 4900	< 1.2	< 4900	< 2	< 5100	< 1.3	< 5200	< 1.1 J	< 5100 J	< 0.83	< 5000	< 1.3	< 5200	< 1.6	< 5100	1.8	9700
		5/24/2011	Primary	0.06	400	0.22	1200	0.03	100	0.059	240	< 0.012	< 49	< 0.02	< 50	0.061	240	< 0.011	< 51	< 0.01	< 60.4	< 0.01	< 39.7	< 0.015	< 48	0.43	2180
		9/19/2011	Primary	0.032	220	0.17	910	0.035	140	0.047	190	< 0.012	< 49	< 0.02	< 50	< 0.01	< 39.7	< 0.011	< 51	< 0.01	< 60.4	< 0.01	< 39.7	< 0.015	< 48	0.284	1460
		12/5/2011	Primary	0.78	5300	2.4	13000	0.16	640	0.54	2200	< 0.074	< 300	< 0.12	< 310	0.14	560	< 0.065	< 300	< 0.06	< 400	< 0.06	< 200	< 0.09	< 300	4.02	21700
		3/27/2012	Primary	0.16	1100	0.22	1200	0.048	190	0.047	190	< 0.012	< 49	< 0.02	< 50	0.014	56	< 0.011	< 51	< 0.01	< 60.4	< 0.01	< 39.7	< 0.015	< 48	0.489	2736
		6/5/2012	Primary	0.21	1400	0.35	1900	0.022	87	0.044	180	< 0.012	< 49	< 0.02	< 50	< 0.01	< 39.7	< 0.011	< 51	< 0.01	< 60.4	< 0.01	< 39.7	< 0.015	< 48	0.626	3567
		9/17/2012	Primary	0.19	1300	0.19	1000	0.024	95	0.022	89	< 0.0025	< 10	< 0.0039	< 10	0.0068	27	< 0.0022	< 10	0.0058	35	< 0.002	< 7.9	< 0.003	< 9.6	0.4386	2546
		12/10/2012	Primary	1.7	12000	0.14	750	< 0.004	< 16	< 0.004	< 16	< 0.0049	< 20	< 0.0078	< 20	< 0.004	< 16	< 0.0043	< 20	< 0.004	< 24	< 0.004	< 16	< 0.006	< 19	1.84	12750
		3/18/2013	Primary	0.18	1200	0.28	1500	0.016	64	0.046	190	< 0.0049	< 20	< 0.0078	< 20	< 0.004	< 16	< 0.0043	< 20	< 0.004	< 24	< 0.004	< 16	< 0.006	< 19	0.522	2954
		6/25/2013	Primary	0.11	750	0.12	650	0.011	44	0.01	40	< 0.0099	< 40	< 0.016	< 41	< 0.008	< 32	< 0.0087	< 40	< 0.008	< 48	< 0.008	< 32	< 0.012	< 38	0.251	1484
		12/18/2013	Primary	0.042	290	0.024	130	0.0083	33	< 0.004	< 16	< 0.005	< 20	< 0.0078	< 20	< 0.004	< 16	< 0.0044	< 20	0.0084	51	< 0.004	< 16	< 0.006	< 19	0.0827	504
		3/25/2015	Primary	0.038	260	0.016	86	< 0.002	< 7.9	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	0.0058	35	< 0.002	< 7.9	< 0.003	< 9.6	0.0598	381
		9/22/2015	Primary	0.036	240	0.017	91	< 0.002	< 7.9	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	0.0046 J	28 J	< 0.002	< 7.9	< 0.003	< 9.6	0.0576	359
		12/16/2015	Primary	0.018	120	0.0095	51	0.0016	6.4	< 0.001	< 4.1	< 0.0012	< 4.9	< 0.002	< 5.1	< 0.001	< 4.0	< 0.0011	< 5.1	0.0012	7.2	< 0.001	< 4.0	< 0.0015	< 4.8	0.0303	184.6
		4/19/2016	Primary	0.0014	9.5	< 0.001 J	< 5.4 J	< 0.001 J	< 4.0 J	< 0.001	< 4.1	< 0.0012	< 4.9	< 0.002	< 5.1	< 0.001	< 4.0	< 0.0011	< 5.1	< 0.001	< 6.0	< 0.001	< 4.0	< 0.0015	< 4.8	0.0014	9.5
		12/27/2016	Primary	0.0012	8.2	< 0.0005	< 2.7	< 0.0005	< 2.0	< 0.0005	< 2.0	< 0.00062	< 2.5	< 0.00098	< 2.5	< 0.0005	< 2.0	< 0.00055	< 2.5	0.00073	4.4	< 0.0005	< 2.0	< 0.00075	< 2.4	0.00193	12.6
		3/14/2017	Primary	0.0042	29	0.0029	16	0.00074	2.9	< 0.0005	< 2.0	< 0.00062	< 2.5	< 0.00098	< 2.5	< 0.0005	< 2.0	< 0.00055	< 2.5	0.0012	7.2	< 0.0005	< 2.0	0.0013	4.2	0.01034	59.3
		6/28/2017	Primary	0.0035	24	0.00069	3.7	< 0.0005	< 2.0	< 0.0005	< 2.0	< 0.00062	< 2.5	< 0.00098	< 2.5	< 0.0005	< 2.0	< 0.00055	< 2.5	< 0.0005	< 3.0	< 0.0005	< 2.0	< 0.00075	< 2.4	0.00419	27.7
		9/27/2017	Primary	< 0.0005	< 3.4	< 0.0005	< 2.7	< 0.0005	< 2.0	< 0.0005	< 2.0	< 0.00062	< 2.5	< 0.00098	< 2.5	< 0.0005	< 2.0	< 0.00055	< 2.5	< 0.0005	< 3.0	< 0.0005	< 2.0	< 0.00075	< 2.4	ND	ND
		12/11/2017	Primary	0.0097	66	0.0025	13	< 0.0005	< 2.0	< 0.0005	< 2.0	< 0.00062	< 2.5	< 0.00098	< 2.5	< 0.0005	< 2.0	< 0.00055	< 2.5	0.0018	11	< 0.0005	< 2.0	< 0.00075 J	< 2.4 J	0.014	90
VP-8D	33.5-34	2/15/2011	Primary	4.9	33000	6.5	35000	5	20000	7.9	32000	< 1.2	< 4900	< 2	< 5100	< 1.3	< 5200	< 1.1	< 5100	< 0.83	< 5000	< 1.3	< 5200	< 1.6	< 5100	24.3	120000
		5/24/2011	Primary	0.062 J	420 J	0.14 J	750 J	0.17 J	670 J	0.12 J	490 J	< 0.012	< 49	0.035 J	90 J	< 0.01	< 39.7	< 0.011	< 51	< 0.01	< 60.4	< 0.01	< 39.7	< 0.015	< 48	0.527	2420

TABLE V
ANALYTICAL RESULTS FOR CHEMICALS OF CONCERN IN SOIL VAPOR
COOPER DRUM COMPANY SUPERFUND SITE
SOUTH GATE, CALIFORNIA

Well ID	Screen Interval (ft bgs)	Sample Date	Sample Type	PCE		TCE		cDCE		1,1-DCA		1,2-DCA		VC		1,1-DCE		1,2-DCP		1,2,3-TCP		tDCE		Benzene		Total COCs	
				ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³
VP-8D	33.5-34	5/24/2011	Duplicate	0.029 J	200 J	0.065 J	350 J	0.071 J	280 J	0.042 J	170 J	< 0.0032	< 13	0.012 J	31 J	0.003	10	< 0.0022	< 10	< 0.002	< 12	0.004	20	< 0.003	< 9.6	0.226	1061
		9/19/2011	Primary	0.032	220	0.28	1500	0.17	670	0.16	650	< 0.012	< 49	< 0.02	< 50	0.015	60	< 0.011	< 51	< 0.01	< 60.4	< 0.01	< 39.7	< 0.015	< 48	0.657	3100
		12/5/2011	Primary	0.18	1200	0.91	4900	0.33	1300	0.4	2000	< 0.037	< 150	< 0.059	< 150	0.066	260	< 0.032	< 150	< 0.03	< 200	< 0.03	< 100	< 0.045	< 140	1.886	9660
		3/27/2012	Primary	0.78	5300	8.2	44000	1.1	4400	1.4	5700	< 0.037	< 150	< 0.059	< 150	0.17	670	< 0.032	< 150	< 0.03	< 200	0.055	220	< 0.045	< 140	11.705	60290
		6/5/2012	Primary	< 0.002	< 14	0.0022	12	< 0.002	< 7.9	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.0022	12
		9/17/2012	Primary	< 0.002	< 14	< 0.002	< 11	< 0.002	< 7.9	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	ND	ND
		12/10/2012	Primary	0.0059	40	< 0.002	< 11	< 0.002	< 7.9	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.0059	40
		3/18/2013	Primary	0.055	370	0.14	750	0.095	380	0.094	380	< 0.0025	< 10	0.0062	16	0.0052	21	< 0.0022	< 10	< 0.002	< 12	0.0098	39	0.0034	11	0.4086	1967
		6/25/2013	Primary	0.013	88	0.0091	49	< 0.004	< 16	< 0.004	< 16	< 0.0049	< 20	< 0.0078	< 20	< 0.004	< 16	< 0.0043	< 20	< 0.004	< 24	< 0.004	< 16	< 0.006	< 19	0.0221	137
		12/18/2013	Primary	0.013	88	0.0095	51	0.0037	15	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	0.0043	26	< 0.002	< 7.9	< 0.003	< 9.6	0.0305	180
		3/25/2015	Primary	0.011	75	0.008	43	0.033	130	0.012	49	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	0.0032	13	< 0.003	< 9.6	0.0672	310
		9/22/2015	Primary	0.25	1700	0.13	700	0.058	230	0.026	110	< 0.0012	< 4.9	< 0.002	< 5.1	0.0014	5.6	< 0.0011	< 5.1	0.0016 J	9.7 J	0.0073	29	< 0.0015	< 4.8	0.4743	2784.3
		12/16/2015	Primary	0.007	48	0.0032	17	0.0014	5.6	0.00072	2.9	< 0.00062	< 2.5	< 0.00098	< 2.5	< 0.0005	< 2.0	< 0.00055	< 2.5	0.00078	4.7	< 0.0005	< 2.0	< 0.00075	< 2.4	0.0131	78.2
		4/19/2016	Primary	0.0014	9.5	0.25 J	1300 J	0.12 J	480 J	0.007	28	< 0.00062	< 2.5	0.0011	2.8	0.001	4.0	< 0.00055	< 2.5	< 0.0005	< 3.0	0.0033	13	< 0.00075	< 2.4	0.3838	1837.3
		12/27/2016	Primary	0.0009	6.1	< 0.0005	< 2.7	< 0.0005	< 2.0	< 0.0005	< 2.0	< 0.00062	< 2.5	< 0.00098	< 2.5	< 0.0005	< 2.0	< 0.00055	< 2.5	0.00062	3.7	< 0.0005	< 2.0	< 0.00075	< 2.4	0.00152	9.8
		3/14/2017	Primary	0.012	82	0.16	860	0.084	330	0.01	40	< 0.00062	< 2.5	< 0.00098	< 2.5	< 0.0005	< 2.0	< 0.00055	< 2.5	0.00066	4.0	0.002	7.9	< 0.00075	< 2.4	0.26866	1323.9
		6/28/2017	Primary	0.014	95	0.028	150	0.0065	26	0.005	20	< 0.0012	< 4.9	< 0.002	< 5.1	< 0.001	< 4.0	< 0.0011	< 5.1	< 0.001	< 6.0	< 0.001	< 4.0	< 0.0015	< 4.8	0.0535	291
		9/27/2017	Primary	0.0054	37	0.013	70	0.0023	9.1	0.0025	10	< 0.00062	< 2.5	< 0.00098	< 2.5	< 0.0005	< 2.0	< 0.00055	< 2.5	< 0.0005	< 3.0	< 0.0005	< 2.0	< 0.00075	< 2.4	0.0232	126.1
		12/11/2017	Primary	0.033	220	0.019	100	0.0016	6.4	0.0021	8.5	< 0.00062	< 2.5	< 0.00098	< 2.5	< 0.0005	< 2.0	< 0.00055	< 2.5	0.0005	3.0	0.00088	3.5	< 0.00075 J	< 2.4 J	0.05708	341.4
VP-9A	8.5-9	2/15/2011	Primary	< 0.74	< 5000	< 0.93	< 5000	< 1.3	< 5200	< 1.2	< 4900	< 1.2	< 4900	< 2	< 5100	< 1.3	< 5200	< 1.1 J	< 5100 J	< 0.83	< 5000	< 1.3	< 5200	< 1.6	< 5100	ND	ND
		5/24/2011	Primary	0.021	140	< 0.002	< 11	< 0.002	< 7.9	< 0.002	< 8.1	< 0.0062	< 25	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.021	140
		9/19/2011	Primary	< 0.002	< 14	< 0.002	< 11	< 0.002	< 7.9	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	ND	ND
		12/5/2011	Primary	0.0062	42	0.0032	17	< 0.002	< 7.9	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.0094	59
		3/28/2012	Primary	0.0035	24	0.0022	12	< 0.002	< 7.9	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.0057	36
		6/5/2012	Primary	0.0063	43	0.0022	12	< 0.002	< 7.9	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.0085	55
		9/17/2012	Primary	0.0097	66	0.002	11	< 0.002	< 7.9	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.0117	77
		12/10/2012	Primary	0.0079	54	0.0025	13	< 0.002	< 7.9	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.0104	67
		3/18/2013	Primary	0.0063	43	0.033	180	0.0041	16	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.0434	239
		6/25/2013	Primary	0.013	88	0.0035	19	< 0.002	< 7.9	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.0165	107
		12/19/2013	Primary	0.0041	28	< 0.002	< 11	< 0.002	< 7.9	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.0041	28
		3/25/2015	Primary	0.0049	33	< 0.002	< 11	< 0.002	< 7.9	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.0049	33
		4/19/2016	Primary	0.0075	51	0.005 J	27 J	< 0.002 J	< 7.9 J	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.0125	78
		12/27/2016	Primary	0.0012	8.2	< 0.0005	< 2.7	< 0.0005	< 2.0	< 0.0005	< 2.0	< 0.00062	< 2.5	< 0.00098	< 2.5	< 0.0005	< 2.0	< 0.00055	< 2.5	< 0.0005	< 3.0	< 0.0005	< 2.0	< 0.00075	< 2.4	0.0012	8.2
		3/14/2017	Primary	0.0024	16	0.0037	20	0.0011	4.4	< 0.0005	< 2.0	< 0.00062	< 2.5	< 0.00098	< 2.5	< 0.0005	< 2.0	< 0.00055	< 2.5	< 0.0005	< 3.0	< 0.0005	< 2.0	< 0.00075	< 2.4	0.0072	40.4
		6/28/2017	Primary	0.0061	41	0.0019	10	< 0.0005	< 2.0	< 0.0005	< 2.0	< 0.00062	< 2.5	< 0.00098	< 2.5	< 0.0005	< 2.0	< 0.00055	< 2.5	< 0.0005	< 3.0	< 0.0005	< 2.0	< 0.00075	< 2.4	0.008	51
		9/27/2017	Primary	0.023	160	0.032	170	< 0.0005	< 2.0	< 0.0005	< 2.0	< 0.00062	< 2.5	< 0.00098	< 2.5	< 0.0005	< 2.0	< 0.00055	< 2.5	< 0.0005	< 3.0	< 0.0005	< 2.0	< 0.00075	< 2.4	0.055	330
		12/11/2017	Primary	0.0051	35	0.17	910	0.066	260	0.022	89	< 0.00062	< 2.5	0.0016	4.1	0.0039	15	< 0.00055	< 2.5	< 0.0005	< 3.0	0.0079	31	< 0.00075 J	< 2.4 J	0.2765	1344.1
VP-9B	17.5-18	2/15/2011	Primary	1.2	8200	1.4	7500	< 1.3	< 5200	< 1.2	< 4900	< 1.2	< 4900	< 2	< 5100	< 1.3	< 5200	< 1.1 J	< 5100 J	< 0.83	< 5000	< 1.3	< 5200	< 1.6	< 5100	2.6	15700
		5/24/2011	Primary	0.046	310	0.014	75	< 0.002	< 7.9	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.06	385
		9/19/2011	Primary	< 0.002	< 14	< 0.002	< 11	< 0.002	< 7.9	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	ND	ND
		12/5/2011	Primary	0.034	230	0.017	91	< 0.004	< 16	< 0.004	< 16	< 0.0049	< 20	< 0.0078	< 20	< 0.004	< 16	< 0.0043	< 20	< 0.004	< 24	< 0.004	< 16	< 0.006	< 19	0.051	321
		3/28/2012	Primary	0.032	220	0.011	59	< 0.004	< 16	0.0049	20	< 0.0049	< 20	< 0.0078	< 20	< 0.004	< 16	< 0.0043	< 20	< 0.004	< 24	< 0.004	< 16	< 0.006	< 19	0.0479	299
		6/5/2012	Primary	0.01	70	0.0024	13	< 0.002	< 7.9	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.0124	83
		9/17/2012	Primary	0.018	120	0.0037	20	< 0.002	< 7.9	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.0217	140
		12/10/2012	Primary	0.0091	62	0.0022	12	< 0.002	< 7.9	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.0113	74
		3/18/2013	Primary	0.016	110	0.07	400	0.0071	28	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.0931	538
		6/25/2013	Primary	0.0099	67	0.0022	12	< 0.002	< 7.9	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.0121	79
		12/19/2013	Primary	0.0053	36	< 0.002	< 11	< 0.002	< 7.9	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.0053	36
		3/25/2015	Primary	0.0053	36	< 0.002	< 11	< 0.002	< 7.9	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.0053	36
		4/19/2016	Primary	0.0054	37	0.004 J	22 J	< 0.002 J	< 7.9 J	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.0094	59
		12/27/2016	Primary	0.0016	11	< 0.0005	< 2.7	< 0.0005	< 2.0	< 0.0005	< 2.0	< 0.00062	< 2.5	< 0.00098	< 2.5	< 0.0005	< 2.0	< 0.00055	< 2.5	< 0.0005	< 3.0	< 0.0005	< 2.0	< 0.00075	< 2.4	0.0016	11
		3/14/2017	Primary	0.005	34	0.0026	14	< 0.0005	< 2.0	< 0.0005	< 2.0	< 0.00062	< 2.5	< 0.00098	< 2.5	< 0.0005	< 2.0	< 0.00055	< 2.5	< 0.0005	< 3.0	< 0.0005	< 2.0	< 0.00075	< 2.4	0.0076	48
		6/28/2017	Primary	0.0044	30	0.00073	3.9	< 0.0005	< 2.0	< 0.0005	< 2.0	< 0.00062	< 2.5	< 0.00098	< 2.5	< 0.0005	< 2.0	< 0.00055	< 2.5	< 0.0005	< 3.0	< 0.0005	< 2.0	< 0.00075	< 2.4	0.00513	33.9
		9/27/2017	Primary	0.006	41	0.002	11	< 0.0005	< 2.0	< 0.0005	< 2.0	< 0.00062	< 2.5	< 0.00098	< 2.5	< 0.0005	< 2.0	< 0.00055	< 2.5	< 0.0005	< 3.0	< 0.0005	< 2.0	< 0.00075	< 2.4	0.008	52
		12/11/2017	Primary	0.0059	40	0.17	910	0.055	220	0.016	65	< 0.00062	< 2.5	0.002	5.1	0.0035	14	< 0.00055	< 2.5	< 0.0005	< 3.0	0.0071	28	< 0.00075 J	< 2.4 J	0.2595	1282.1
VP-9C	29.5-30	2/15/2011	Primary	< 0.74	< 5000	< 0.93	< 5000	< 1.3	< 5200	< 1.2	< 4900	< 1.2	< 4900	< 2	< 5100	< 1.3	< 5200	< 1.1 J	< 5100 J	< 0.83	< 5000	< 1.3	< 5200	< 1.6	< 5100	ND	ND
		5/24/2011	Primary	0.29	2000	0.41	2200	0.023	91	0.03	100	< 0.012	< 49	< 0.02	< 50	0.014	56	< 0.011	< 51	< 0.01	< 60.4	< 0.01	< 39.7	< 0.015	< 48	0.767	4447
		9/19/2011	Primary	0.13	880	0.28	1500	0.04	200	0.072	290	< 0.012	< 49	< 0.02	< 50	< 0.01	< 39.7	< 0.011	< 51	< 0.01	< 60.4	< 0.01	< 39.7	< 0.015	< 48	0.522	2870

TABLE V
ANALYTICAL RESULTS FOR CHEMICALS OF CONCERN IN SOIL VAPOR
COOPER DRUM COMPANY SUPERFUND SITE
SOUTH GATE, CALIFORNIA

Well ID	Screen Interval (ft bgs)	Sample Date	Sample Type	PCE		TCE		cDCE		1,1-DCA		1,2-DCA		VC		1,1-DCE		1,2-DCP		1,2,3-TCP		tDCE		Benzene		Total COCs	
				ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³
VP-9C	29.5-30	12/5/2011	Primary	0.46	3100	0.8	4000	0.16	640	0.18	730	< 0.037	< 150	< 0.059	< 150	0.04	200	< 0.032	< 150	< 0.03	< 200	< 0.03	< 100	< 0.045	< 140	1.64	8670
		3/28/2012	Primary	0.4	3000	2.4	13000	2	8000	0.74	3000	< 0.037	< 150	0.16	410	0.38	1500	< 0.032	< 150	< 0.03	< 200	0.28	1100	< 0.045	< 140	6.36	30010
		6/5/2012	Primary	0.53	3600	0.33	1800	< 0.06	< 200	< 0.06	< 200	< 0.074	< 300	< 0.12	< 310	< 0.06	< 200	< 0.065	< 300	< 0.06	< 400	< 0.06	< 200	< 0.09	< 300	0.86	5400
		9/17/2012	Primary	0.19	1300	1.7	9100	0.048	190	< 0.002	< 8.1	< 0.0025	< 10	0.21	540	0.13	520	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	2.278	11650
		12/10/2012	Primary	0.079	540	0.046	250	0.0038	15	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.1288	805
		3/18/2013	Primary	0.18	1200	2.9	16000	0.55	2200	0.074	300	< 0.0025	< 10	0.0057	15	0.018	71	< 0.0022	< 10	< 0.002	< 12	0.016	64	0.013	42	3.7567	19892
		3/18/2013	Duplicate	0.22	1500	2.7	15000	0.5	2000	0.075	300	< 0.074	< 300	< 0.12	< 310	< 0.06	< 200	< 0.065	< 300	< 0.06	< 400	< 0.06	< 200	< 0.09	< 300	3.495	18800
		6/25/2013	Primary	0.016	110	0.0082	44	< 0.004	< 16	< 0.004	< 16	< 0.0049	< 20	< 0.0078	< 20	< 0.004	< 16	< 0.0043	< 20	< 0.004	< 24	< 0.004	< 16	< 0.006	< 19	0.0242	154
		12/19/2013	Primary	0.0093	63	0.0032	17	< 0.002	< 7.9	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.0125	80
		12/9/2014	Primary	0.0057	39	< 0.002	< 11	< 0.002	< 7.9	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.0057	39
		3/25/2015	Primary	0.0065	44	0.0041	22	< 0.002	< 7.9	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.0106	66
		4/19/2016	Primary	< 0.002	< 14	0.026 J	140 J	0.0046 J	18 J	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.0306	158
		8/15/2016	Primary	0.0055	37	0.074	400	0.036	140	0.0065	26	< 0.0012	< 4.9	< 0.002	< 5.1	< 0.001	< 4.0	< 0.0011	< 5.1	< 0.001	< 6.0	0.0022	8.7	< 0.0015	< 4.8	0.1242	611.7
		12/27/2016	Primary	0.0014	9.5	0.00086	4.6	< 0.0005	< 2.0	0.0022	8.9	< 0.00062	< 2.5	< 0.00098	< 2.5	< 0.0005	< 2.0	< 0.00055	< 2.5	< 0.0005	< 3.0	< 0.0005	< 2.0	0.00088	2.8	0.00534	25.8
		3/14/2017	Primary	0.0075	51	0.16	860	0.067	270	0.0093	38	< 0.00062	< 2.5	< 0.00098	< 2.5	0.00074	2.9	< 0.00055	< 2.5	< 0.0005	< 3.0	0.0028	11	< 0.00075	< 2.4	0.24734	1232.9
		6/28/2017	Primary	0.006	41	0.029	160	0.011	44	0.006	24	< 0.0012	< 4.9	< 0.002	< 5.1	< 0.001	< 4.0	< 0.0011	< 5.1	< 0.001	< 6.0	0.0011	4.4	< 0.0015	< 4.8	0.0531	273.4
		9/27/2017	Primary	< 0.0005	< 3.4	< 0.0005	< 2.7	< 0.0005	< 2.0	< 0.0005	< 2.0	< 0.00062	< 2.5	< 0.00098	< 2.5	< 0.0005	< 2.0	< 0.00055	< 2.5	< 0.0005	< 3.0	< 0.0005	< 2.0	< 0.00075	< 2.4	ND	ND
		12/11/2017	Primary	0.0038	26	0.0045	24	0.00082	3.3	< 0.0005	< 2.0	< 0.00062	< 2.5	< 0.00098	< 2.5	< 0.0005	< 2.0	< 0.00055	< 2.5	< 0.0005	< 3.0	0.00092	3.7	< 0.00075 J	< 2.4 J	0.01004	57
VP-9D	33.5-34	2/15/2011	Primary	4	27000	5	27000	1.7	6700	3.2	13000	< 1.2	< 4900	< 2	< 5100	< 1.3	< 5200	< 1.1	< 5100	< 0.83	< 5000	< 1.3	< 5200	< 1.6	< 5100	13.9	73700
		5/24/2011	Primary	0.06	400	0.1	500	0.093	370	0.057	230	< 0.0084	< 34	0.0047	12	0.011	44	< 0.0022	< 10	< 0.002	< 12	0.0033	13	< 0.003	< 9.6	0.329	1569
		9/19/2011	Primary	0.068	460	0.095	510	0.091	360	0.11	450	< 0.0025	< 10	0.0055	14	0.0098	39	< 0.0022	< 10	< 0.002	< 12	0.0055	22	< 0.003	< 9.6	0.3848	1855
		12/5/2011	Primary	0.047	320	0.08	400	0.04	200	0.047	190	< 0.0025	< 10	< 0.0039	< 10	0.013	52	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.227	1162
		3/28/2012	Primary	0.1	700	2.2	12000	2	8000	0.74	3000	0.004	16	0.15	380	0.38	1500	0.0087	40	< 0.002	< 12	0.28	1100	0.012	38	5.8747	26774
		3/28/2012	Duplicate	0.12	820	2.2	12000	2.4	9500	0.86	3500	0.0037	15	0.16	410	0.43	1700	0.0087	40	< 0.002	< 12	0.33	1300	0.012	38	6.5244	29323
		6/5/2012	Primary	0.0083	56	0.0045	24	< 0.002	< 7.9	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.0128	80
		9/17/2012	Primary	< 0.002	< 14	0.014	75	0.0066	26	0.0037	15	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.0243	116
		12/10/2012	Primary	< 0.002	< 14	< 0.002	< 11	< 0.002	< 7.9	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	ND	ND
		3/18/2013	Primary	0.075	510	2.1	11000	0.46	1800	0.063	260	< 0.074	< 300	< 0.12	< 310	< 0.06	< 200	< 0.065	< 300	< 0.06	< 400	< 0.06	< 200	< 0.09	< 300	2.698	13570
		6/25/2013	Primary	0.035	240	0.018	97	< 0.004	< 16	< 0.004	< 16	< 0.0049	< 20	< 0.0078	< 20	< 0.004	< 16	< 0.0043	< 20	< 0.004	< 24	< 0.004	< 16	< 0.006	< 19	0.053	337
		12/19/2013	Primary	0.0031	21	0.051	270	0.11	440	0.0056	23	< 0.0025	< 10	0.0089	23	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	0.011	44	< 0.003	< 9.6	0.1896	821
		12/9/2014	Primary	< 0.002	< 14	< 0.002	< 11	< 0.002	< 7.9	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	ND	ND
		3/25/2015	Primary	0.0048	33	0.0076	41	0.0086	34	0.0041	17	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.0251	125
		4/19/2016	Primary	< 0.002	< 14	0.02 J	100 J	0.0048 J	19 J	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.0248	119
		5/16/2016	Primary	0.0037	25	0.16	860	0.07	300	0.0059	24	0.019	77	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	0.0028	11	< 0.003	< 9.6	0.2614	1297
		12/27/2016	Primary	< 0.0005	< 3.4	< 0.0005	< 2.7	< 0.0005	< 2.0	0.0032	13	< 0.00062	< 2.5	< 0.00098	< 2.5	< 0.0005	< 2.0	< 0.00055	< 2.5	< 0.0005	< 3.0	< 0.0005	< 2.0	0.0016	5.1	0.0048	18.1
		3/14/2017	Primary	0.0023	16	0.055	300	0.023	91	0.0034	14	< 0.00062	< 2.5	< 0.00098	< 2.5	< 0.0005	< 2.0	< 0.00055	< 2.5	< 0.0005	< 3.0	0.00086	3.4	0.001	3.2	0.08556	427.6
		6/28/2017	Primary	0.0055	37	0.04	200	0.016	64	0.0078	32	< 0.005	< 20	< 0.0078	< 20	< 0.004	< 16	< 0.0044	< 20	< 0.004	< 24	< 0.004	< 16	< 0.006	< 19	0.0693	333
		9/27/2017	Primary	< 0.0005	< 3.4	< 0.0005	< 2.7	< 0.0005	< 2.0	< 0.0005	< 2.0	< 0.00062	< 2.5	< 0.00098	< 2.5	< 0.0005	< 2.0	< 0.00055	< 2.5	< 0.0005	< 3.0	< 0.0005	< 2.0	< 0.00075	< 2.4	ND	ND
		12/11/2017	Primary	0.0048	33	0.015	81	0.0029	12	< 0.0005	< 2.0	< 0.00062	< 2.5	< 0.00098	< 2.5	< 0.0005	< 2.0	< 0.00055	< 2.5	< 0.0005	< 3.0	0.00056	2.2	< 0.00075 J	< 2.4 J	0.02326	128.2
VP-10A	9.5-10	2/15/2011	Primary	< 0.74	< 5000	< 0.93	< 5000	1.4	5600	< 1.2	< 4900	< 1.2	< 4900	< 2	< 5100	< 1.3	< 5200	< 1.1 J	< 5100 J	< 0.83	< 5000	< 1.3	< 5200	< 1.6	< 5100	1.4	5600
		5/24/2011	Primary	0.024	160	0.017	91	0.0091	36	0.0037	15	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	0.003	10	< 0.003	< 9.6	0.0568	312
		9/19/2011	Primary	0.011	75	0.022	120	0.024	95	0.0059	24	< 0.0025	< 10	< 0.0039	< 10	0.002	7.9	< 0.0022	< 10	< 0.002	< 12	0.0076	30	< 0.003	< 9.6	0.0725	351.9
		12/6/2011	Primary	0.029	200	0.06	300	0.073	290	0.015	61	< 0.0025	< 10	0.017	44	0.0055	22	< 0.0022	< 10	< 0.002	< 12	0.028	110	0.0047	15	0.2322	1042
		3/28/2012	Primary	0.072	490	0.082	440	0.083	330	0.062	250	< 0.0025	< 10	0.014	36	0.0035	14	0.011	51	< 0.002	< 12	0.028	110	< 0.003	< 9.6	0.3555	1721
		6/5/2012	Primary	0.035	240	0.026	140	0.012	48	0.0032	13	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	0.0033	13	< 0.003	< 9.6	0.0795	454
		9/18/2012	Primary	0.031	210	0.1	500	0.11	440	0.086	350	0.003	12	0.0047	12	0.3	1000	0.011	51	0.0022	13	0.0061	24	0.01	30	0.664	2642
		12/11/2012	Primary	0.016 J	110 J	0.0067	36	0.0043 J	17 J	< 0.004 J	< 16 J	< 0.0049	< 20	< 0.0078 J	< 20 J	< 0.004 J	< 16 J	< 0.0043	< 20	< 0.004	< 24	< 0.004	< 16	< 0.006	< 19	0.027	163
		12/11/2012	Duplicate	0.099 J	670 J	0.045 J	240 J	0.054 J	210 J	0.013 J	53 J	< 0.0049	< 20	< 0.0078 J	< 20 J	< 0.004	< 16	< 0.0043	< 20	< 0.004	< 24	0.0055	22	< 0.006	< 19	0.2165	1195
		3/20/2013	Primary	0.033	220	0.022	120	0.02	80	0.0071	29	< 0.0025	< 10	0.0039	10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	0.0098	39	< 0.003	< 9.6	0.0958	498
		6/25/2013	Primary	0.023	160	0.015	81	0.024	95	< 0.01	< 40	< 0.012	< 49	< 0.02	< 50	< 0.01	< 40	< 0.011	< 51	< 0.01	< 60	< 0.01	< 40	< 0.015	< 48	0.062	336
		12/18/2013	Primary	0.027	180	0.012	65	0.018	71	< 0.01	< 40	< 0.012	< 49	< 0.02	< 50	< 0.01	< 40	< 0.011	< 51	< 0.01	< 60	< 0.01	< 40	< 0.015	< 48	0.057	316
		3/25/2015	Primary	0.022	150	0.0046	25	< 0.002	< 7.9	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.0266	175
		9/22/2015	Primary	0.043	290	0.014	75	0.0085	34	0.0028	11	< 0.0012	< 4.9	< 0.002	< 5.1	< 0.001	< 4.0	0.0011	5.1	0.0019 J	11 J	0.0011	4.4	0.0019	6.1	0.0743	436.6
		12/16/2015	Primary	0.005	34	0.0012	6.5	< 0.00066	< 2.6	< 0.00066	< 2.7	< 0.00082	< 3.3	< 0.0013	< 3.3	< 0.00066	< 2.6	< 0.00073	< 3.4	< 0.00066	< 4.0	< 0.00066	< 2.6	< 0.00099	< 3.2	0.0062	40.5
		4/19/2016	Primary	0.0032	22	0.0011 J	5.9 J	< 0.001 J	< 4.0 J	< 0.001	< 4.1	< 0.0012	< 4.9	< 0.002	< 5.1	< 0.001	< 4.0	< 0.0011	< 5.1	< 0.001	< 6.0	< 0.001	< 4.0	< 0.0015	< 4.8	0.0043	27.9
		12/27/2016	Primary	0.0059	40	0.0014	7.5	0.001	4.0	< 0.0005	< 2.0	< 0.00062	< 2.5	< 0.00098	< 2.5	< 0.0005	< 2.0	< 0.00055	< 2.5	< 0.0005	< 3.0	< 0.0005	< 2.0	< 0.00075	< 2.4	0.0083	51.5
		3/14/2017	Primary	0.0025	17	0.00084	4.5	< 0.0005	< 2.0	< 0.0005	< 2.0	< 0.00062	< 2.5	< 0.00098	< 2.5	< 0.0005	< 2.0	< 0.00055	< 2.5	< 0.0005	< 3.0	< 0.0005	< 2.0	0.0014	4.5	0.00474	26
		6/28/2017	Primary	0.0036	24	0.0025	13	0.00057	2.3	< 0.0005	< 2.0	< 0.00062	< 2.5	< 0.00098	< 2.5	< 0.0005	< 2.0	< 0.00055	< 2.5	< 0.0005	< 3.0	< 0.0005	< 2.0	< 0.00075	< 2.4	0.00667	39.3

TABLE V
ANALYTICAL RESULTS FOR CHEMICALS OF CONCERN IN SOIL VAPOR
COOPER DRUM COMPANY SUPERFUND SITE
SOUTH GATE, CALIFORNIA

Well ID	Screen Interval (ft bgs)	Sample Date	Sample Type	PCE		TCE		cDCE		1,1-DCA		1,2-DCA		VC		1,1-DCE		1,2-DCP		1,2,3-TCP		tDCE		Benzene		Total COCs	
				ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³
VP-10A	9.5-10	9/27/2017	Primary	< 0.00074	< 5.0	< 0.00074	< 4.0	< 0.00074	< 2.9	< 0.00074	< 3.0	< 0.00092	< 3.7	< 0.0014	< 3.6	< 0.00074	< 2.9	< 0.00081	< 3.7	< 0.00074	< 4.5	< 0.00074	< 2.9	< 0.0011	< 3.5	ND	ND
		12/11/2017	Primary	0.036 J	240 J	0.01	50	0.0046	18	0.00053	2.1	< 0.00062	< 2.5	< 0.00098	< 2.5	< 0.0005	< 2.0	0.00079	3.7	0.0016	9.7	< 0.0005	< 2.0	0.00094 J	3.0 J	0.05446	326.5
VP-10B	18-18.5	2/15/2011	Primary	< 0.74	< 5000	< 0.93	< 5000	< 1.3	< 5200	< 1.2	< 4900	< 1.2	< 4900	< 2	< 5100	< 1.3	< 5200	< 1.1 J	< 5100 J	< 0.83	< 5000	< 1.3	< 5200	< 1.6	< 5100	ND	ND
		5/24/2011	Primary	0.021	140	0.0047	25	< 0.002	< 7.9	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.0257	165
		9/19/2011	Primary	18	120000	20	100000	25	99000	8.6	35000	< 3.7	< 15000	< 5.9	< 15000	< 3	< 10000	< 3.2	< 15000	< 3	< 20000	3.3	13000	< 4.5	< 14000	74.9	367000
		12/7/2011	Primary	6.2	42000	6.9	37000	9.1	36000	2.7	11000	< 0.49	< 2000	1.1	2800	0.71	2800	< 0.43	< 2000	< 0.4	< 2000	1.2	4800	< 0.6	< 2000	27.91	136400
		3/28/2012	Primary	0.71	4800	< 0.41	< 2200	< 0.4	< 2000	< 0.4	< 2000	< 0.49	< 2000	< 0.78	< 2000	< 0.4	< 2000	< 0.43	< 2000	< 0.4	< 2000	< 0.4	< 2000	< 0.6	< 2000	0.71	4800
		6/5/2012	Primary	5.3	36000	3.7	20000	4.8	19000	1.1	4500	< 0.25	< 1000	< 0.39	< 1000	< 0.2	< 800	< 0.22	< 1000	< 0.2	< 1000	0.4	2000	< 0.3	< 1000	15.3	81500
		9/18/2012	Primary	1.9	13000	7.8	42000	11	44000	4.9	20000	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	0.74	3400	< 0.002	< 12	0.73	2900	0.81	2600	27.88	127900
		12/11/2012	Primary	7.1	48000	2.4	13000	2.5	9900	< 0.8	< 3000	< 0.99	< 4000	< 1.6 J	< 4100 J	< 0.8	< 3000	< 0.87	< 4000	< 0.8	< 5000	< 0.8	< 3000	< 1.2	< 3800	12	70900
		6/25/2013	Primary	5.3	36000	4.4	24000	5.7	23000	1.8	7300	< 0.62	< 2500	1.1	2800	< 0.5	< 2000	< 0.54	< 2500	< 0.5	< 3000	0.96	3800	< 0.75	< 2400	19.26	96900
		9/24/2013	Primary	0.11	750	0.055	300	0.092	370	0.015	61	< 0.012	< 49	< 0.02	< 50	< 0.01	< 40	< 0.011	< 51	< 0.01	< 60	< 0.01	< 40	< 0.015	< 48	0.272	1481
		12/18/2013	Primary	3.2	22000	3.3	18000	4	20000	1.2	4900	< 0.12	< 490	0.22	560	0.12	480	< 0.11	< 510	< 0.1	< 600	0.5	2000	0.3	1000	12.84	68940
		3/25/2014	Primary	3.8	26000	2.6	14000	1.5	6000	0.51	2100	< 0.12	< 490	< 0.2	< 500	< 0.1	< 400	< 0.11	< 510	< 0.1	< 600	0.24	950	< 0.15	< 480	8.65	49050
		6/26/2014	Primary	1.1	7500	0.39	2100	< 0.2	< 800	< 0.2	< 800	< 0.25	< 1000	< 0.39	< 1000	< 0.2	< 800	< 0.22	< 1000	< 0.2	< 1000	< 0.2	< 800	< 0.3	< 1000	1.49	9600
		9/23/2014	Primary	0.16	1100	0.12	650	0.11	440	< 0.05	< 200	< 0.062	< 250	< 0.098	< 250	< 0.05	< 200	< 0.055	< 250	< 0.05	< 300	< 0.05	< 200	< 0.075	< 240	0.39	2190
		12/9/2014	Primary	0.23	1600	0.24	1300	0.15	600	0.052	210	< 0.012	< 49	0.028	72	< 0.01	< 40	< 0.011	< 51	< 0.01	< 60	0.029	120	< 0.015	< 48	0.729	3902
		3/25/2015	Primary	0.34	2300	0.18	970	< 0.15	< 600	< 0.15	< 610	< 0.19	< 770	< 0.29	< 740	< 0.15	< 600	< 0.16	< 740	< 0.15	< 910	< 0.15	< 600	< 0.22	< 700	0.52	3270
		9/22/2015	Primary	0.25	1700	0.29	1600	0.23	910	0.091	370	< 0.038	< 150	< 0.058	< 150	< 0.03	< 100	< 0.033	< 150	< 0.03	< 200	0.046	180	< 0.045	< 140	0.907	4760
		12/16/2015	Primary	0.012	82	0.0088	47	0.0046	18	0.0012	4.9	< 0.00062	< 2.5	< 0.00098	< 2.5	< 0.0005	< 2.0	< 0.00055	< 2.5	< 0.0005	< 3.0	0.0011	4.4	< 0.00075	< 2.4	0.0277	156.3
		4/19/2016	Primary	0.0045	31	0.0023 J	12 J	0.001 J	4.0 J	< 0.0005	< 2.0	< 0.00062	< 2.5	< 0.00098	< 2.5	< 0.0005	< 2.0	< 0.00055	< 2.5	< 0.0005	< 3.0	< 0.0005	< 2.0	0.0011	3.5	0.0089	50.5
		6/13/2016	Primary	0.1	700	0.15	810	0.047	190	0.045	180	< 0.00062	< 2.5	< 0.00098	< 2.5	0.012	48	0.0036	17	< 0.0005	< 3.0	0.024	95	0.0025	8.0	0.3841	2048
		12/27/2016	Primary	0.43	2900	0.14	750	0.1	400	0.032	130	< 0.005	< 20	< 0.0078	< 20	< 0.004	< 16	0.0067	31	< 0.004	< 24	0.011	44	0.0062	20	0.7259	4275
		3/14/2017	Primary	0.42	2900	0.65	3500	0.46	1800	0.12	490	< 0.12	< 490	< 0.2	< 500	< 0.1	< 400	< 0.11	< 510	< 0.1	< 600	< 0.1	< 400	< 0.15	< 480	1.65	8690
		6/28/2017	Primary	1	7000	0.3	2000	< 0.06	< 200	0.12	490	< 0.075	< 300	< 0.12	< 310	< 0.06	< 200	< 0.066	< 310	< 0.06	< 400	< 0.06	< 200	< 0.09	< 300	1.42	9490
		9/27/2017	Primary	1	7000	1.2	6500	0.51	2000	0.17	690	< 0.075	< 300	< 0.12	< 310	< 0.06	< 200	< 0.066	< 310	< 0.06	< 400	0.1	400	< 0.09	< 300	2.98	16590
		12/11/2017	Primary	0.18	1200	0.14	750	0.049	190	0.037	150	< 0.019	< 77	< 0.029	< 74	< 0.015	< 60	< 0.016	< 74	< 0.015	< 91	0.017	67	< 0.022 J	< 70 J	0.423	2357
VP-10C	30.5-31	2/15/2011	Primary	< 0.74	< 5000	1.5	8100	3.5	14000	3	12000	< 1.2	< 4900	4.7	12000	< 1.3	< 5200	< 1.1 J	< 5100 J	< 0.83	< 5000	< 1.3	< 5200	< 1.6	< 5100	12.7	46100
		5/24/2011	Primary	0.0056 J	38 J	0.037 J	200 J	0.04 J	200 J	0.013 J	53 J	< 0.0047	< 19	< 0.0039 J	< 10 J	< 0.002 J	< 7.9 J	0.0022 J	10 J	< 0.002	< 12	0.005 J	20 J	< 0.003 J	< 9.6 J	0.1028	521
		5/24/2011	Duplicate	0.015 J	100 J	0.087 J	470 J	0.13 J	520 J	0.054 J	220 J	< 0.0079	< 32	0.007 J	20 J	0.0071 J	28 J	0.0074 J	34 J	< 0.002	< 12	0.016 J	64 J	0.0034 J	11 J	0.3269	1467
		9/19/2011	Primary	0.97	6600	4.3	23000	8.3	33000	3	10000	< 0.49	< 2000	< 0.78	< 2000	0.4	2000	0.48	2200	< 0.4	< 2000	0.61	2400	< 0.6	< 2000	18.06	79200
		12/6/2011	Primary	1.2	8200	7.1	38000	13	52000	4.4	18000	< 0.25	< 1000	1.3	3300	0.68	2700	0.76	3500	< 0.2	< 1000	1.1	4400	0.59	1900	30.13	132000
		3/28/2012	Primary	0.65	4400	3.5	19000	12	48000	3.2	13000	< 0.37	< 1500	1.2 J	3100 J	0.48	1900	0.61 J	2800 J	< 0.3	< 2000	0.88	3500	0.56 J	1800 J	23.08	97500
		6/5/2012	Primary	1.9	13000	11	59000	13	52000	6.2	25000	< 0.37	< 1500	< 0.59	< 1500	0.35	1400	0.61	2800	< 0.3	< 2000	1.2	4800	0.78	2500	35.04	160500
		9/18/2012	Primary	8.4 J	57000 J	8.7 J	47000 J	11	44000	4.9	20000	< 0.0025	< 10	4.3	11000	2.1	8300	< 0.0022	< 10	< 0.002	< 12	2.3	9100	0.69 J	2200 J	42.39	198600
		9/18/2012	Duplicate	14 J	95000 J	12 J	65000 J	14	56000	5.9	24000	< 0.0025	< 10	3.8	9700	1.9	7500	< 0.0022	< 10	< 0.002	< 12	2.5	9900	1.1 J	3500 J	55.2	270600
		12/11/2012	Primary	0.8	5000	1.1	5900	1.3	5200	< 0.3	< 1000	< 0.37	< 1500	< 0.59 J	< 1500 J	< 0.3	< 1000	< 0.32	< 1500	< 0.3	< 2000	< 0.3	< 1000	< 0.45	< 1400	3.2	16100
		3/20/2013	Primary	1.1	7500	3.9	21000	15	60000	4.2	17000	< 0.74	< 3000	< 1.2	< 3100	< 0.6	< 2000	0.73	3400	< 0.6	< 4000	0.64	2500	< 0.9	< 3000	25.57	111400
		3/20/2013	Duplicate	1.3	8800	4.2	23000	16	64000	4.4	18000	< 0.74	< 3000	< 1.2	< 3100	< 0.6	< 2000	0.82	3800	< 0.6	< 4000	0.7	3000	< 0.9	< 3000	27.42	120600
		6/25/2013	Primary	0.64	4300	1.9	10000	7.6 J	30000 J	1.5	6100	< 0.12	< 490	< 0.2	< 500	< 0.1	< 400	0.41	1900	< 0.1	< 600	0.18	710	0.24	770	12.47	53780
		9/24/2013	Primary	0.66	4500	1	5000	4.6	18000	0.78	3200	< 0.5	< 2000	< 0.78	< 2000	< 0.4	< 2000	< 0.44	< 2000	< 0.4	< 2000	< 0.4	< 2000	< 0.6	< 2000	7.04	30700
		12/18/2013	Primary	0.76	5200	0.76	4100	2.5	9900	0.36	1500	0.046	190	< 0.016	< 41	< 0.008	< 32	0.17	790	< 0.008	< 48	0.047	190	0.079	250	4.722	22120
		3/25/2014	Primary	0.54	3700	0.53	2900	1.3	5200	0.2	800	< 0.12	< 490	< 0.2	< 500	< 0.1	< 400	< 0.11	< 510	< 0.1	< 600	< 0.1	< 400	< 0.15	< 480	2.57	12600
		6/26/2014	Primary	0.34	2300	0.24	1300	0.66	2600	0.11	450	< 0.075	< 300	< 0.12	< 310	< 0.06	< 200	< 0.066	< 310	< 0.06	< 400	< 0.06	< 200	< 0.09	< 300	1.35	6650
		9/23/2014	Primary	0.17	1200	0.19	1000	0.67	2700	0.14	570	< 0.094	< 380	< 0.15	< 380	< 0.075	< 300	< 0.082	< 380	< 0.075	< 450	< 0.075	< 300	< 0.11	< 350	1.17	5470
		12/9/2014	Primary	0.1	700	0.29	1600	0.46	1800	0.11	450	< 0.012	< 49	< 0.02	< 50	< 0.01	< 40	0.038	180	< 0.01	< 60	0.027	110	0.022	70	1.047	4910
		3/25/2015	Primary	0.21	1400	0.2	1000	2	8000	0.42	1700	< 0.12	< 490	< 0.2	< 500	< 0.1	< 400	< 0.11	< 510	< 0.1	< 600	< 0.1	< 400	< 0.15	< 480	2.83	12100
		9/22/2015	Primary	0.16	1100	0.4	2000	1.8	7100	0.41	1700	< 0.075	< 300	< 0.12	< 310	< 0.06	< 200	0.11	510	< 0.06	< 400	0.077	310	< 0.09	< 300	2.957	12720
		12/16/2015	Primary	0.055	370	0.13	700	0.32	1300	0.11	450	< 0.01	< 40	< 0.016	< 41	< 0.008	< 32	0.023	110	< 0.008	< 48	0.026	100	< 0.012	< 38	0.664	3030
		4/19/2016	Primary	< 0.002	< 14	< 0.002 J	< 11 J	< 0.002 J	< 7.9 J	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	ND	ND
		9/12/2016	Primary	0.021	140	0.019	100	0.012	48	0.014	57	< 0.0012	< 4.9	< 0.002	< 5.1	< 0.001	< 4.0	0.0026	12	< 0.001	< 6.0	0.0029	12	< 0.0015	< 4.8	0.0715	369
		12/27/2016	Primary	0.11	750	0.051	270	0.16	640	0.037	150	0.01	40	< 0.0078	< 20	< 0.004	< 16	0.023	110	< 0.004	< 24	0.0045	18	0.019	61	0.4145	2039
		3/14/2017	Primary	0.061	410	0.053	290	0.037	150	0.013	53	< 0.0012	< 4.9	< 0.002	< 5.1	0.0011	4.4	0.004	19	< 0.001	< 6.0	0.0056	22	0.0036	12	0.1783	960.4
		6/28/2017	Primary	0.063	430	0.1	500	0.16	640	0.07	300	< 0.012	< 49	< 0.02	< 50	< 0.01	< 40	0.017	79	< 0.01	< 60	0.014	56	< 0.015	< 48	0.424	2005
		9/27/2017	Primary	< 0.001	< 6.8	< 0.001	< 5.4	< 0.001	< 4.0	< 0.001	< 4.1	< 0.0012	< 4.9	< 0.002	< 5.1	< 0.001	< 4.0	< 0.0011	< 5.1	< 0.001	< 6.0	< 0.001	< 4.0	< 0.0015	< 4.8	ND	ND
		12/11/2017	Primary	0.56	3800	0.34	1800	0.27	1100	0.091	370	< 0.012	< 49	< 0.02	< 50	< 0.01	< 40	0.025	120	< 0.01	< 60	0.021	83	< 0.015 J	< 48 J	1.307	7273
VP-10D	33.5-34	2/16/2011	Primary	< 0.74	< 5000	5.8	31000	11	44000	8.6	35000	< 1.2	< 4900	12	31000	< 1.3	< 5200	< 1.1	< 5100	< 0.83	< 5000	3.3	13000	< 1.6	< 5100	40.7	154000
		5/24/2011	Primary	0.04	300	0.47	2500	0.63	2500	0.25	1000	0.024	97	0.063	160	0.035	140	0.041	190	< 0.01	< 60.4	0.061	240	0.023	74	1.637	7201

TABLE V
ANALYTICAL RESULTS FOR CHEMICALS OF CONCERN IN SOIL VAPOR
COOPER DRUM COMPANY SUPERFUND SITE
SOUTH GATE, CALIFORNIA

Well ID	Screen Interval (ft bgs)	Sample Date	Sample Type	PCE		TCE		cDCE		1,1-DCA		1,2-DCA		VC		1,1-DCE		1,2-DCP		1,2,3-TCP		tDCE		Benzene		Total COCs	
				ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³
VP-10D	33.5-34	9/19/2011	Primary	0.4	3000	0.86	4600	0.61	2400	0.4	2000	< 0.12	< 490	< 0.2	< 500	< 0.1	< 400	< 0.11	< 510	< 0.1	< 600	< 0.1	< 400	< 0.15	< 480	2.27	12000
		12/6/2011	Primary	0.25	1700	2.2	12000	1.1	4400	1.1	4500	< 0.049	< 200	0.13	330	0.16	640	0.13	600	< 0.04	< 200	0.081	320	0.13	420	5.281	24910
		3/28/2012	Primary	0.28	1900	3.2	17000	3	10000	1.8	7300	< 0.049	< 200	1.2 J	3100 J	0.28	1100	0.19 J	880 J	< 0.04	< 200	0.33	1300	0.18 J	580 J	10.46	43160
		6/5/2012	Primary	0.15	1000	0.28	1500	0.25	990	0.12	490	< 0.12	< 490	< 0.2	< 500	< 0.1	< 400	< 0.11	< 510	< 0.1	< 600	< 0.1	< 400	< 0.15	< 480	0.8	3980
		9/18/2012	Primary	0.44	3000	0.37	2000	0.4	2000	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	1.21	7000
		12/11/2012	Primary	< 0.04	< 300	< 0.041	< 220	< 0.04	< 200	< 0.04	< 200	< 0.049	< 200	< 0.078 J	< 200 J	< 0.04	< 200	< 0.043	< 200	< 0.04	< 200	< 0.04	< 200	< 0.06	< 200	ND	ND
		3/20/2013	Primary	0.28	1900	0.58	3100	0.32	1300	0.23	930	< 0.012	< 49	< 0.02	< 50	0.097	390	0.029	130	< 0.01	< 60	0.027	110	0.041	130	1.604	7990
		6/25/2013	Primary	0.062	420	0.028	150	0.031	120	< 0.008	< 32	< 0.0099	< 40	< 0.016	< 41	< 0.008	< 32	< 0.0087	< 40	< 0.008	< 48	< 0.008	< 32	< 0.012	< 38	0.121	690
		12/18/2013	Primary	0.044	300	0.045	240	0.059	230	< 0.04	< 200	< 0.05	< 200	< 0.078	< 200	< 0.04	< 200	< 0.044	< 200	< 0.04	< 200	< 0.04	< 200	< 0.06	< 200	0.148	770
		12/9/2014	Primary	0.034	230	0.0063	34	0.0039	15	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.0442	279
		3/25/2015	Primary	0.095	650	0.039	210	0.047	190	0.019	77	< 0.0062	< 25	< 0.0098	< 25	< 0.005	< 20	< 0.0055	< 25	< 0.005	< 30	< 0.005	< 20	< 0.0075	< 24	0.2	1127
		9/22/2015	Primary	0.043	290	0.042	230	0.051	200	0.037	150	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	0.0084	39	0.0032 J	19 J	0.0061	24	< 0.003	< 9.6	0.1907	952
		12/16/2015	Primary	0.022	150	0.028	150	0.035	140	0.017	69	< 0.0012	< 4.9	< 0.002	< 5.1	< 0.001	< 4.0	0.0036	17	< 0.001	< 6.0	0.0034	13	< 0.0015	< 4.8	0.109	539
		4/19/2016	Primary	0.0078	53	0.0015 J	8.1 J	< 0.001 J	< 4.0 J	< 0.001	< 4.1	< 0.0012	< 4.9	< 0.002	< 5.1	< 0.001	< 4.0	< 0.0011	< 5.1	< 0.001	< 6.0	< 0.001	< 4.0	< 0.0015	< 4.8	0.0093	61.1
		12/27/2016	Primary	0.027	180	0.0026	14	0.0016	6.4	< 0.0005	< 2.0	< 0.00062	< 2.5	< 0.00098	< 2.5	< 0.0005	< 2.0	< 0.00055	< 2.5	< 0.0005	< 3.0	< 0.0005	< 2.0	< 0.00075	< 2.4	0.0312	200.4
		3/14/2017	Primary	0.041	280	0.027	150	0.0096	38	0.0018	7.3	< 0.00062	< 2.5	< 0.00098	< 2.5	< 0.0005	< 2.0	< 0.00055	< 2.5	< 0.0005	< 3.0	0.0026	10	0.0023	7.4	0.0843	492.7
		6/28/2017	Primary	0.049	330	0.033	180	0.012	48	0.008	32	< 0.005	< 20	< 0.0078	< 20	< 0.004	< 16	< 0.0044	< 20	< 0.004	< 24	< 0.004	< 16	< 0.006	< 19	0.102	590
		9/27/2017	Primary	0.026	180	0.018	97	0.0076	30	0.011	45	< 0.0017	< 6.9	< 0.0026	< 6.7	< 0.0013	< 5.2	0.0028	13	< 0.0013	< 7.8	0.0017	6.7	< 0.002	< 6.4	0.0671	371.7
		12/11/2017	Primary	0.055	370	0.026	140	0.012	48	0.006	24	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	0.0023	9.1	< 0.003 J	< 9.6 J	0.1013	591.1
VP-11A	9-9.5	2/15/2011	Primary	< 0.74	< 5000	< 0.93	< 5000	< 1.3	< 5200	< 1.2	< 4900	< 1.2	< 4900	< 2	< 5100	< 1.3	< 5200	< 1.1 J	< 5100 J	< 0.83	< 5000	< 1.3	< 5200	< 1.6	< 5100	ND	ND
		5/24/2011	Primary	0.15	1000	0.035	190	< 0.01	< 39.7	< 0.01	< 40	< 0.012	< 49	< 0.02	< 50	< 0.01	< 39.7	< 0.011	< 51	< 0.01	< 60.4	< 0.01	< 39.7	< 0.015	< 48	0.185	1190
		9/20/2011	Primary	0.072	490	0.019	100	0.0053	21	0.0057	23	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.102	634
		12/6/2011	Primary	0.068	460	0.015	81	0.0045	18	0.0044	18	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.0919	577
		3/28/2012	Primary	0.021	140	0.012	65	0.0078	31	0.0054	22	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.0462	258
		6/5/2012	Primary	0.059	400	0.012	65	< 0.002	< 7.9	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.071	465
		9/18/2012	Primary	0.021	140	0.0056	30	< 0.002	< 7.9	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.0266	170
		12/11/2012	Primary	0.017	120	0.0031	17	< 0.002	< 7.9	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039 J	< 10 J	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.0201	137
		3/18/2013	Primary	0.022	150	0.0043	23	< 0.002	< 7.9	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.0263	173
		6/25/2013	Primary	0.017	120	0.0055	30	0.0028	11	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.0253	161
		12/19/2013	Primary	0.015	100	0.0028	15	< 0.002	< 7.9	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.0178	115
		3/25/2015	Primary	0.029	200	0.0036	19	< 0.002	< 7.9	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.0326	219
		9/22/2015	Primary	0.043	290	0.0074	40	< 0.001	< 4.0	< 0.001	< 4.1	< 0.0012	< 4.9	< 0.002	< 5.1	< 0.001	< 4.0	< 0.0011	< 5.1	< 0.001	< 6.0	< 0.001	< 4.0	< 0.0015	< 4.8	0.0504	330
		12/16/2015	Primary	0.014	95	0.0025	13	< 0.0005	< 2.0	< 0.0005	< 2.0	< 0.00062	< 2.5	< 0.00098	< 2.5	< 0.0005	< 2.0	< 0.00055	< 2.5	< 0.0005	< 3.0	< 0.0005	< 2.0	< 0.00075	< 2.4	0.0165	108
		4/19/2016	Primary	0.011	75	0.00097 J	5.2 J	< 0.0005 J	< 2.0 J	< 0.0005	< 2.0	< 0.00062	< 2.5	< 0.00098	< 2.5	< 0.0005	< 2.0	< 0.00055	< 2.5	< 0.0005	< 3.0	< 0.0005	< 2.0	0.00082	2.6	0.01279	82.8
		12/27/2016	Primary	0.00083	5.6	< 0.0005	< 2.7	< 0.0005	< 2.0	< 0.0005	< 2.0	< 0.00062	< 2.5	< 0.00098	< 2.5	< 0.0005	< 2.0	< 0.00055	< 2.5	< 0.0005	< 3.0	< 0.0005	< 2.0	< 0.00075	< 2.4	0.00083	5.6
		3/14/2017	Primary	0.0021	14	0.0008	4.3	< 0.0005	< 2.0	< 0.0005	< 2.0	< 0.00062	< 2.5	< 0.00098	< 2.5	< 0.0005	< 2.0	< 0.00055	< 2.5	< 0.0005	< 3.0	< 0.0005	< 2.0	0.0013	4.2	0.0042	22.5
		6/28/2017	Primary	0.0078	53	0.0022	12	0.00068	2.7	< 0.0005	< 2.0	< 0.00062	< 2.5	< 0.00098	< 2.5	< 0.0005	< 2.0	< 0.00055	< 2.5	< 0.0005	< 3.0	< 0.0005	< 2.0	< 0.00075	< 2.4	0.01068	67.7
		9/27/2017	Primary	0.013	88	0.0026	14	< 0.0005	< 2.0	< 0.0005	< 2.0	< 0.00062	< 2.5	< 0.00098	< 2.5	< 0.0005	< 2.0	< 0.00055	< 2.5	< 0.0005	< 3.0	< 0.0005	< 2.0	< 0.00075	< 2.4	0.0156	102
		12/11/2017	Primary	0.0038	26	< 0.0005	< 2.7	< 0.0005	< 2.0	< 0.0005	< 2.0	< 0.00062	< 2.5	< 0.00098	< 2.5	< 0.0005	< 2.0	< 0.00055	< 2.5	< 0.0005	< 3.0	0.00066	2.6	0.0051 J	16 J	0.00956	44.6
VP-11B	19-19.5	2/15/2011	Primary	< 0.74	< 5000	< 0.93	< 5000	< 1.3	< 5200	< 1.2	< 4900	< 1.2	< 4900	< 2	< 5100	< 1.3	< 5200	< 1.1 J	< 5100 J	< 0.83	< 5000	< 1.3	< 5200	< 1.6	< 5100	ND	ND
		5/24/2011	Primary	< 0.002	< 14	< 0.002	< 11	< 0.002	< 7.9	< 0.002	< 8.1	< 0.0042	< 17	< 0.0039	< 10	0.0035	14	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.0035	14
		9/20/2011	Primary	0.13	880	0.091	490	0.068	270	0.084	340	< 0.012	< 49	< 0.02	< 50	< 0.01	< 39.7	< 0.011	< 51	< 0.01	< 60.4	< 0.01	< 39.7	< 0.015	< 48	0.373	1980
		12/6/2011	Primary	0.44	3000	0.22	1200	0.13	520	0.22	890	< 0.012	< 49	< 0.02	< 50	< 0.01	< 39.7	0.011	51	< 0.01	< 60.4	0.035	140	< 0.015	< 48	1.056	5801
		3/28/2012	Primary	0.24	1600	0.084	450	0.033	130	0.049	200	< 0.012	< 49	< 0.02	< 50	< 0.01	< 39.7	< 0.011	< 51	< 0.01	< 60.4	< 0.01	< 39.7	< 0.015	< 48	0.406	2380
		6/5/2012	Primary	0.078	530	0.016	86	0.0033	13	0.0027	11	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.1	640
		9/18/2012	Primary	0.038	260	0.0069	37	< 0.002	< 7.9	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.0449	297
		12/11/2012	Primary	0.028	190	0.004	22	< 0.002	< 7.9	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039 J	< 10 J	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.032	212
		3/18/2013	Primary	0.066	450	0.016	86	0.0021	8.3	0.0037	15	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.0878	559.3
		6/25/2013	Primary	0.036	240	0.0071	38	0.0025	9.9	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.0456	287.9
		12/19/2013	Primary	0.016	110	0.0034	18	< 0.002	< 7.9	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.0194	128
		3/25/2015	Primary	0.025	170	0.0036	19	< 0.002	< 7.9	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.0286	189
		9/22/2015	Primary	0.0065	44	< 0.001	< 5.4	< 0.001	< 4.0	< 0.001	< 4.1	< 0.0012	< 4.9	< 0.002	< 5.1	< 0.001	< 4.0	< 0.0011	< 5.1	< 0.001	< 6.0	< 0.001	< 4.0	< 0.0015	< 4.8	0.0065	44
		4/19/2016	Primary	0.0015	10	< 0.0005 J	< 2.7 J	< 0.0005 J	< 2.0 J	< 0.0005	< 2.0	< 0.00062	< 2.5	< 0.00098	< 2.5	< 0.0005	< 2.0	< 0.00055	< 2.5	< 0.0005	< 3.0	< 0.0005	< 2.0	0.0008	2.6	0.0023	12.6
		12/27/2016	Primary	0.0016	11	< 0.0005	< 2.7	< 0.0005	< 2.0	< 0.0005	< 2.0	< 0.00062	< 2.5	< 0.00098	< 2.5	< 0.0005	< 2.0	< 0.00055	< 2.5	< 0.0005	< 3.0	< 0.0005	< 2.0	< 0.00075	< 2.4	0.0016	11
		3/14/2017	Primary	0.011	75	0.0022	12	0.00068	2.7	< 0.0005	< 2.0	< 0.00062	< 2.5	< 0.00098	< 2.5	< 0.0005	< 2.0	< 0.00055	< 2.5	< 0.0005	< 3.0	< 0.0005	< 2.0	0.00082	2.6	0.0147	92.3
		6/28/2017	Primary	0.00096	6.5	< 0.0005	< 2.7	< 0.0005	< 2.0	< 0.0005	< 2.0	< 0.00062	< 2.5	< 0.00098	< 2.5	< 0.0005	< 2.0	< 0.00055	< 2.5	< 0.0005	< 3.0	< 0.0005	< 2.0	< 0.00075	< 2.4	0.00096	6.5
		9/27/2017	Primary	0.0034	23	0.00088	4.7	< 0.0005	< 2.0	< 0.0005	< 2.0	< 0.00062	< 2.5	< 0.00098	< 2.5	< 0.0005	< 2.0	< 0.00055	< 2.5	< 0.0005	< 3.0	< 0.0005	< 2.0	< 0.00075	< 2.4	0.00428	27.7
		12/11/2017	Primary	< 0.002	< 14	< 0.002	< 11	< 0.002	< 7.9	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	0.0089 J	28 J	0.0089	28

TABLE V
ANALYTICAL RESULTS FOR CHEMICALS OF CONCERN IN SOIL VAPOR
COOPER DRUM COMPANY SUPERFUND SITE
SOUTH GATE, CALIFORNIA

Well ID	Screen Interval (ft bgs)	Sample Date	Sample Type	PCE		TCE		cDCE		1,1-DCA		1,2-DCA		VC		1,1-DCE		1,2-DCP		1,2,3-TCP		tDCE		Benzene		Total COCs	
				ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³
VP-11C	29.5-30	2/15/2011	Primary	< 0.74	< 5000	2	11000	3.3	13000	< 1.2	< 4900	< 1.2	< 4900	< 2	< 5100	< 1.3	< 5200	< 1.1 J	< 5100 J	< 0.83	< 5000	< 1.3	< 5200	< 1.6	< 5100	5.3	24000
		5/24/2011	Primary	0.091	620	0.35	1900	0.93	3700	0.42	1700	< 0.049	< 200	< 0.078	< 200	< 0.04	< 200	< 0.043	< 200	< 0.04	< 200	0.04	200	< 0.06	< 200	1.831	8120
		9/20/2011	Primary	0.06	400	0.26	1400	0.48	1900	0.27	1100	< 0.012	< 49	0.032	82	0.022	87	< 0.011	< 51	< 0.01	< 60.4	0.038	150	< 0.015	< 48	1.162	5119
		12/6/2011	Primary	0.24	1600	1.1	5900	2.2	8700	1.2	4900	< 0.12	< 490	< 0.2	< 500	0.1	400	< 0.11	< 510	< 0.1	< 600	0.15	600	< 0.15	< 480	4.99	22100
		3/28/2012	Primary	0.21	1400	1.2	6500	2.3	9100	1.1	4500	< 0.12	< 490	< 0.2	< 500	< 0.1	< 400	< 0.11	< 510	< 0.1	< 600	0.13	520	< 0.15	< 480	4.94	22020
		6/5/2012	Primary	0.19	1300	0.33	1800	0.48	1900	0.54	2200	< 0.12	< 490	< 0.2	< 500	< 0.1	< 400	< 0.11	< 510	< 0.1	< 600	< 0.1	< 400	< 0.15	< 480	1.54	7200
		9/18/2012	Primary	< 0.002	< 14	< 0.002	< 11	< 0.002	< 7.9	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	ND	ND
		12/11/2012	Primary	0.044	300	0.033	180	0.019	75	0.032	130	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	0.0021	8.3	< 0.003	< 9.6	0.1301	693.3
		3/18/2013	Primary	0.0091	62	0.012	65	0.012	48	0.019	77	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	0.0021	8.3	< 0.003	< 9.6	0.0542	260.3
		6/25/2013	Primary	0.032	220	0.013	70	0.007	28	0.0061	25	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	0.0037	22	< 0.002	< 7.9	< 0.003	< 9.6	0.0618	365
		12/19/2013	Primary	0.012	82	0.0027	15	< 0.002	< 7.9	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.0147	97
		3/25/2015	Primary	0.024	160	0.0068	37	< 0.002	< 7.9	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.0308	197
		9/22/2015	Primary	0.009	61	0.0019	10	< 0.001	< 4.0	< 0.001	< 4.1	< 0.0012	< 4.9	< 0.002	< 5.1	< 0.001	< 4.0	< 0.0011	< 5.1	0.0012 J	7.2 J	< 0.001	< 4.0	< 0.0015	< 4.8	0.0121	78.2
		4/19/2016	Primary	0.0039	26	0.0022 J	12 J	< 0.0005 J	< 2.0 J	< 0.0005	< 2.0	< 0.00062	< 2.5	< 0.00098	< 2.5	0.00091	3.6	< 0.00055	< 2.5	< 0.0005	< 3.0	< 0.0005	< 2.0	0.00075	2.4	0.00776	44
		8/29/2016	Primary	0.01	70	0.0052	28	0.0013	5.2	0.0013	5.3	< 0.00062	< 2.5	< 0.00098	< 2.5	< 0.0005	< 2.0	< 0.00055	< 2.5	0.00073	4.4	0.00062	2.5	< 0.00075	< 2.4	0.01915	115.4
		12/27/2016	Primary	0.01	70	0.0023	12	0.00056	2.2	< 0.0005	< 2.0	< 0.00062	< 2.5	< 0.00098	< 2.5	< 0.0005	< 2.0	< 0.00055	< 2.5	< 0.0005	< 3.0	< 0.0005	< 2.0	< 0.00075	< 2.4	0.01286	84.2
		3/14/2017	Primary	0.0086	58	0.0089	48	0.0034	13	0.0023	9.3	< 0.00062	< 2.5	< 0.00098	< 2.5	< 0.0005	< 2.0	< 0.00055	< 2.5	< 0.0005	< 3.0	0.00071	2.8	< 0.00075	< 2.4	0.02391	131.1
		6/28/2017	Primary	0.0021	14	0.0031	17	0.0025	9.9	0.0012	4.9	< 0.00062	< 2.5	< 0.00098	< 2.5	< 0.0005	< 2.0	< 0.00055	< 2.5	< 0.0005	< 3.0	< 0.0005	< 2.0	< 0.00075	< 2.4	0.0089	45.8
		9/27/2017	Primary	0.0011	7.5	0.0014	7.5	< 0.0005	< 2.0	< 0.0005	< 2.0	< 0.00062	< 2.5	< 0.00098	< 2.5	< 0.0005	< 2.0	< 0.00055	< 2.5	< 0.0005	< 3.0	< 0.0005	< 2.0	< 0.00075	< 2.4	0.0025	15
		12/11/2017	Primary	0.0075	51	0.0015	8.1	0.00051	2.0	< 0.0005	< 2.0	< 0.00062	< 2.5	< 0.00098	< 2.5	< 0.0005	< 2.0	< 0.00055	< 2.5	< 0.0005	< 3.0	0.00084	3.3	0.001 J	3.2 J	0.01135	67.6
VP-11D	33.5-34	2/16/2011	Primary	0.77	5200	3	16000	8.6	34000	5.7	23000	< 1.2	< 4900	< 2	< 5100	< 1.3	< 5200	< 1.1	< 5100	< 0.83	< 5000	< 1.3	< 5200	< 1.6	< 5100	18.07	78200
		2/16/2011	Duplicate	0.74	5000	2.8	15000	8.1	32000	4.9	20000	< 1.2	< 4900	< 2	< 5100	< 1.3	< 5200	< 1.1	< 5100	< 0.83	< 5000	< 1.3	< 5200	< 1.6	< 5100	16.54	72000
		5/24/2011	Primary	0.018	120	0.063	340	0.14	560	0.084	340	< 0.0035	< 14	0.014	36	0.013	52	< 0.0022	< 10	< 0.002	< 12	0.0098	39	< 0.003	< 9.6	0.3418	1487
		9/20/2011	Primary	0.044	300	0.15	810	0.43	1700	0.19	770	< 0.012	< 49	0.033	84	0.02	80	< 0.011	< 51	< 0.002	< 12	0.03	100	< 0.015	< 48	0.897	3844
		12/6/2011	Primary	0.21	1400	1	5000	2.1	8300	1	4000	< 0.12	< 490	< 0.2	< 500	0.1	400	< 0.11	< 510	< 0.1	< 600	0.15	600	< 0.15	< 480	4.56	19700
		3/28/2012	Primary	0.28	1900	1.7	9100	3.5	14000	1.7	6900	< 0.12	< 490	< 0.2	< 500	0.15	600	< 0.11	< 510	< 0.1	< 600	0.2	800	< 0.15	< 480	7.53	33300
		6/5/2012	Primary	0.015	100	0.024	130	0.033	130	0.04	200	< 0.0025	< 10	0.0043	11	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	0.0058	23	< 0.003	< 9.6	0.1221	594
		9/18/2012	Primary	< 0.002	< 14	< 0.002	< 11	< 0.002	< 7.9	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	ND	ND
		12/11/2012	Primary	0.0076	52	< 0.002	< 11	< 0.002	< 7.9	0.003	12	< 0.0025	< 10	< 0.0039 J	< 10 J	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.0106	64
		3/18/2013	Primary	0.048	330	0.082	440	0.097	390	0.12	490	< 0.0025	< 10	0.0064	16	0.0066	26	0.0048	22	< 0.002	< 12	0.02	80	< 0.003	< 9.6	0.3848	1794
		3/18/2013	Duplicate	0.045	310	0.077	410	0.1	400	0.13	530	< 0.0025	< 10	0.0072	18	0.0071	28	0.0045	21	< 0.002	< 12	0.021	83	< 0.003	< 9.6	0.3918	1800
		6/25/2013	Primary	0.0029	20	< 0.002	< 11	< 0.002	< 7.9	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.0029	20
		12/19/2013	Primary	0.0022	15	< 0.002	< 11	< 0.002	< 7.9	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.0022	15
		3/25/2015	Primary	0.0058	39	0.0056	30	0.0038	15	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.0152	84
		4/19/2016	Primary	< 0.0005	< 3.4	< 0.0005 J	< 2.7 J	< 0.0005 J	< 2.0 J	< 0.0005	< 2.0	< 0.00062	< 2.5	< 0.00098	< 2.5	< 0.0005	< 2.0	< 0.00055	< 2.5	< 0.0005	< 3.0	< 0.0005	< 2.0	0.0009	2.9	0.0009	2.9
		12/27/2016	Primary	0.0052	35	0.0096	52	0.0098	39	0.0054	22	< 0.00062	< 2.5	< 0.00098	< 2.5	< 0.0005	< 2.0	< 0.00055	< 2.5	< 0.0005	< 3.0	0.0011	4.4	< 0.00075	< 2.4	0.0311	152.4
		3/14/2017	Primary	0.0078	53	0.016	86	0.0074	29	0.0064	26	< 0.00062	< 2.5	< 0.00098	< 2.5	0.00079	3.1	0.00056	2.6	< 0.0005	< 3.0	0.0014	5.6	< 0.00075	< 2.4	0.04035	205.3
		6/28/2017	Primary	0.0023	16	0.0059	32	0.0051	20	0.0046	19	< 0.00062	< 2.5	< 0.00098	< 2.5	< 0.0005	< 2.0	< 0.00055	< 2.5	< 0.0005	< 3.0	0.00079	3.1	< 0.00075	< 2.4	0.01869	90.1
		9/27/2017	Primary	0.0071	48	0.015	81	0.0062	25	0.0079	32	< 0.00062	< 2.5	< 0.00098	< 2.5	< 0.0005	< 2.0	0.00068	3.1	0.00062	3.7	0.00057	2.3	< 0.00075	< 2.4	0.03807	195.1
		12/11/2017	Primary	0.0029	20	0.0029	16	0.0019	7.5	0.0012	4.9	< 0.00062	< 2.5	< 0.00098	< 2.5	< 0.0005	< 2.0	< 0.00055	< 2.5	< 0.0005	< 3.0	0.0011	4.4	0.00076 J	2.4 J	0.01076	55.2
VP-12A	10-10.5	2/15/2011	Primary	< 0.74	< 5000	1	5400	< 1.3	< 5200	< 1.2	< 4900	< 1.2	< 4900	< 2	< 5100	< 1.3	< 5200	< 1.1	< 5100	< 0.83	< 5000	< 1.3	< 5200	< 1.6	< 5100	1	5400
		5/25/2011	Primary	< 0.002	< 14	< 0.002	< 11	< 0.002	< 7.9	< 0.002	< 8.1	0.0032	13	< 0.0039	< 10	0.013	52	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.0162	65
		9/20/2011	Primary	0.031	210	0.01	50	0.0043	17	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.0453	277
		12/6/2011	Primary	0.41	2800	0.26	1400	0.035	140	0.035	140	< 0.012	< 49	< 0.02	< 50	< 0.01	< 39.7	< 0.011	< 51	0.016	97	< 0.01	< 39.7	< 0.015	< 48	0.756	4577
		3/28/2012	Primary	0.038	260	0.015	81	< 0.01	< 39.7	< 0.01	< 40	< 0.012	< 49	< 0.02	< 50	< 0.01	< 39.7	< 0.011	< 51	< 0.01	< 60.4	< 0.01	< 39.7	< 0.015	< 48	0.053	341
		6/5/2012	Primary	0.19	1300	0.073	390	0.012	48	0.0069	28	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	0.013	78	< 0.002	< 7.9	< 0.003	< 9.6	0.2949	1844
		9/18/2012	Primary	0.18	1200	0.061	330	0.0068	27	0.0049	20	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	0.01	60	< 0.002	< 7.9	< 0.003	< 9.6	0.2627	1637
		12/11/2012	Primary	0.12	820	0.054	290	< 0.01	< 40	< 0.01	< 40	< 0.012	< 49	< 0.02 J	< 50 J	< 0.01	< 40	< 0.011	< 51	< 0.01	< 60	< 0.01	< 40	< 0.015	< 48	0.174	1110
		3/18/2013	Primary	0.25	1700	0.11	590	0.018	71	0.015	61	< 0.0062	< 25	< 0.0098	< 25	< 0.005	< 20	< 0.0054	< 25	0.0075	45	< 0.005	< 20	< 0.0075	< 24	0.4005	2467
		6/25/2013	Primary	0.11	750	0.039	210	0.0076	30	0.0033	13	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	0.0031	19	< 0.002	< 7.9	< 0.003	< 9.6	0.163	1022
		12/19/2013	Primary	0.066	450	0.018	97	0.0029	12	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	0.0085	51	< 0.002	< 7.9	< 0.003	< 9.6	0.0954	610
		3/25/2015	Primary	0.099	670	0.036	190	0.003	12	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	0.0064	39	< 0.002	< 7.9	< 0.003	< 9.6	0.1444	911
		9/22/2015	Primary	0.091	620	0.062	330	0.0042	17	0.0034	14	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	0.0037 J	22 J	< 0.002	< 7.9	< 0.003	< 9.6	0.1643	1003
		12/16/2015	Primary	0.072	490	0.029	160	0.0026	10	0.0089	36	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	0.002	12	0.004	16	< 0.003	< 9.6	0.1185	724
		4/19/2016	Primary	0.045	310	0.015 J	81 J	< 0.002 J	< 7.9 J	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	0.0025	15	< 0.002	< 7.9	< 0.003	< 9.6	0.0625	406
		12/27/2016	Primary	0.034	230	0.0081	44	< 0.0005	< 2.0	< 0.0005	< 2.0	< 0.00062	< 2.5	< 0.00098	< 2.5	< 0.0005	< 2.0	< 0.00055	< 2.5	0.0019	11	< 0.0005	< 2.0	< 0.00075	< 2.4	0.044	285
		3/14/2017	Primary	0.067	460	0.019	100	< 0.0005	< 2.0	0.00075	3.0	< 0.00062	< 2.5	< 0.00098	< 2.5	< 0.0005	< 2.0	< 0.00055	< 2.5	0.0018	11	< 0.0005	< 2.0	0.00082	2.6	0.08937	576.6
		6/28/2017	Primary	0.052	350	0.018	97	< 0.002	< 7.9	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.07	447

TABLE V
ANALYTICAL RESULTS FOR CHEMICALS OF CONCERN IN SOIL VAPOR
COOPER DRUM COMPANY SUPERFUND SITE
SOUTH GATE, CALIFORNIA

Well ID	Screen Interval (ft bgs)	Sample Date	Sample Type	PCE		TCE		cDCE		1,1-DCA		1,2-DCA		VC		1,1-DCE		1,2-DCP		1,2,3-TCP		tDCE		Benzene		Total COCs	
				ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³
VP-12A	10-10.5	9/27/2017	Primary	< 0.0005	< 3.4	0.00053	2.9	< 0.0005	< 2.0	< 0.0005	< 2.0	< 0.00062	< 2.5	< 0.00098	< 2.5	< 0.0005	< 2.0	< 0.00055	< 2.5	< 0.0005	< 3.0	< 0.0005	< 2.0	< 0.00075	< 2.4	0.00053	2.9
		12/11/2017	Primary	0.04	300	0.014	75	< 0.002	< 7.9	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003 J	< 9.6 J	0.054	375
VP-12B	17.5-18	2/15/2011	Primary	1.1	7500	2.6	14000	< 1.3	< 5200	< 1.2	< 4900	< 1.2	< 4900	< 2	< 5100	< 1.3	< 5200	< 1.1	< 5100	< 0.83	< 5000	< 1.3	< 5200	< 1.6	< 5100	3.7	21500
		5/25/2011	Primary	0.072	490	0.054	290	0.03	100	0.011	45	0.0067	27	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	0.01	60	< 0.002	< 7.9	< 0.003	< 9.6	0.1837	1012
		9/20/2011	Primary	0.041	280	0.017	91	0.0083	33	0.004	16	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.0703	420
		12/6/2011	Primary	0.71	4800	0.45	2400	0.14	560	0.074	300	< 0.037	< 150	< 0.059	< 150	< 0.03	< 100	< 0.032	< 150	< 0.03	< 200	< 0.03	< 100	< 0.045	< 140	1.374	8060
		3/28/2012	Primary	0.37 J	2500 J	0.18 J	970 J	0.04 J	200 J	< 0.03	< 100	< 0.037	< 150	< 0.059	< 150	< 0.03	< 100	< 0.032	< 150	< 0.03	< 200	< 0.03	< 100	< 0.045	< 140	0.59	3670
		3/28/2012	Duplicate	0.27 J	1800 J	0.11 J	590 J	< 0.03 J	< 100 J	< 0.03	< 100	< 0.037	< 150	< 0.059	< 150	< 0.03	< 100	< 0.032	< 150	< 0.03	< 200	< 0.03	< 100	< 0.045	< 140	0.38	2390
		6/5/2012	Primary	0.22	1500	0.1	500	0.023	91	0.01	40	< 0.0049	< 20	< 0.0078	< 20	< 0.004	< 16	< 0.0043	< 20	0.0055	33	< 0.004	< 16	< 0.006	< 19	0.3585	2164
		9/18/2012	Primary	0.27	1800	0.1	500	0.023	91	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.393	2391
		12/11/2012	Primary	0.45	3100	0.18	970	0.032	130	0.014	57	< 0.012	< 49	< 0.02 J	< 50 J	< 0.01	< 40	< 0.011	< 51	0.015	91	< 0.01	< 40	< 0.015	< 48	0.691	4348
		3/18/2013	Primary	0.47	3200	0.24	1300	0.055	220	0.041	170	< 0.012	< 49	< 0.02	< 50	< 0.01	< 40	< 0.011	< 51	0.015	91	< 0.01	< 40	< 0.015	< 48	0.821	4981
		6/25/2013	Primary	0.075	510	0.025	130	0.0057	23	0.0026	11	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	0.0043	26	< 0.002	< 7.9	< 0.003	< 9.6	0.1126	700
		12/19/2013	Primary	0.086	580	0.028	150	0.0047	19	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	0.0094	57	< 0.002	< 7.9	< 0.003	< 9.6	0.1281	806
		3/25/2015	Primary	0.088	600	0.031	170	0.0023	9.1	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	0.0089	54	< 0.002	< 7.9	< 0.003	< 9.6	0.1302	833.1
		9/22/2015	Primary	0.12	820	0.073	390	0.0044	17	0.0041	17	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	0.0093 J	56 J	< 0.002	< 7.9	< 0.003	< 9.6	0.2108	1300
		12/16/2015	Primary	0.057	390	0.035	190	0.004	16	0.0066	27	< 0.0012	< 4.9	0.0052	13	0.002	7.9	< 0.0011	< 5.1	0.0019	11	0.0028	11	< 0.0015	< 4.8	0.1145	665.9
		4/19/2016	Primary	0.062	420	0.027 J	150 J	0.0013 J	5.2 J	0.0017	6.9	< 0.0012	< 4.9	< 0.002	< 5.1	< 0.001	< 4.0	< 0.0011	< 5.1	0.006	36	< 0.001	< 4.0	< 0.0015	< 4.8	0.098	618.1
		5/16/2016	Primary	0.095	650	0.04	200	0.0017	6.7	0.0014	5.7	< 0.0012	< 4.9	< 0.002	< 5.1	< 0.001	< 4.0	< 0.0011	< 5.1	0.0081	49	< 0.001	< 4.0	< 0.0015	< 4.8	0.1462	911.4
		8/29/2016	Primary	0.14	950	0.058	310	0.0021	8.3	0.0034	14	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	0.0056	34	< 0.002	< 7.9	< 0.003	< 9.6	0.2091	1316.3
		12/27/2016	Primary	0.076	520	0.019	100	< 0.001	< 4.0	< 0.001	< 4.1	< 0.0012	< 4.9	< 0.002	< 5.1	< 0.001	< 4.0	< 0.0011	< 5.1	0.0055	33	< 0.001	< 4.0	< 0.0015	< 4.8	0.1005	653
		3/14/2017	Primary	0.082	560	0.019	100	< 0.0005	< 2.0	0.00062	2.5	< 0.00062	< 2.5	< 0.00098	< 2.5	< 0.0005	< 2.0	< 0.00055	< 2.5	0.0016	9.7	< 0.0005	< 2.0	< 0.00075	< 2.4	0.10322	672.2
		6/28/2017	Primary	0.075	510	0.024	130	< 0.002	< 7.9	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	0.0051	31	< 0.002	< 7.9	< 0.003	< 9.6	0.1041	671
		9/27/2017	Primary	< 0.0005	< 3.4	0.00077	4.1	< 0.0005	< 2.0	< 0.0005	< 2.0	< 0.00062	< 2.5	< 0.00098	< 2.5	< 0.0005	< 2.0	< 0.00055	< 2.5	< 0.0005	< 3.0	< 0.0005	< 2.0	< 0.00075	< 2.4	0.00077	4.1
		12/11/2017	Primary	0.064	430	0.015	81	< 0.002	< 7.9	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	0.0039	24	< 0.002	< 7.9	< 0.003 J	< 9.6 J	0.0829	535
VP-12C	29.5-30	2/15/2011	Primary	4.4	30000	6.3	34000	< 1.3	< 5200	2.7	11000	< 1.2	< 4900	< 2	< 5100	2	7900	< 1.1	< 5100	< 0.83	< 5000	< 1.3	< 5200	< 1.6	< 5100	15.4	82900
		5/25/2011	Primary	2.4	16000	2.6	14000	< 0.2	< 800	0.49	2000	< 0.25	< 1000	< 0.39	< 1000	< 0.2	< 800	< 0.22	< 1000	< 0.2	< 1000	< 0.2	< 800	< 0.3	< 1000	5.49	32000
		9/20/2011	Primary	0.14	950	0.39	2100	0.081	320	0.015	61	< 0.012	< 49	< 0.02	< 50	0.03	100	< 0.011	< 51	< 0.01	< 60.4	< 0.01	< 39.7	< 0.015	< 48	0.656	3531
		12/6/2011	Primary	3.5	24000	2.8	15000	0.11	440	0.44	1800	< 0.12	< 490	< 0.2	< 500	0.11	440	< 0.11	< 510	< 0.1	< 600	< 0.1	< 400	< 0.15	< 480	6.96	41680
		3/28/2012	Primary	1.9	13000	3.3	18000	0.38	1500	0.86	3500	< 0.12	< 490	< 0.2	< 500	0.15	600	< 0.11	< 510	< 0.1	< 600	< 0.1	< 400	< 0.15	< 480	6.59	36600
		6/5/2012	Primary	6.3	43000	5 J	30000 J	0.3 J	1000 J	0.86 J	3500 J	< 0.12	< 490	< 0.2	< 500	< 0.1	< 400	< 0.11	< 510	< 0.1	< 600	< 0.1	< 400	< 0.15	< 480	12.46	77500
		6/5/2012	Duplicate	5	30000	3.3 J	18000 J	0.17 J	670 J	0.49 J	2000 J	< 0.12	< 490	< 0.2	< 500	< 0.1	< 400	< 0.11	< 510	< 0.1	< 600	< 0.1	< 400	< 0.15	< 480	8.96	50670
		9/18/2012	Primary	< 0.002	< 14	< 0.002	< 11	< 0.002	< 7.9	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	ND	ND
		12/11/2012	Primary	4	30000	3.9	21000	0.51	2000	0.78	3200	< 0.037	< 150	< 0.059 J	< 150 J	< 0.03	< 100	< 0.032	< 150	< 0.03	< 200	< 0.03	< 100	< 0.045	< 140	9.19	56200
		12/11/2012	Duplicate	3.6	24000	3.9	21000	0.44	1700	0.73	3000	< 0.0025	< 10	< 0.0039 J	< 10 J	0.018	71	0.0034	16	0.012	72	0.0085	34	0.011	35	8.7229	49928
		3/18/2013	Primary	4.1	28000	3.6	19000	0.35	1400	0.7	3000	< 0.25	< 1000	< 0.39	< 1000	< 0.2	< 800	< 0.22	< 1000	< 0.2	< 1000	< 0.2	< 800	< 0.3	< 1000	8.75	51400
		6/25/2013	Primary	0.0056	38	< 0.002	< 11	< 0.002	< 7.9	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.0056	38
		12/19/2013	Primary	0.35	2400	0.28	1500	0.081	320	0.056	230	< 0.0025	< 10	< 0.0039	< 10	0.0026	10	< 0.0022	< 10	0.013	78	< 0.002	< 7.9	< 0.003	< 9.6	0.7826	4538
		12/9/2014	Primary	0.065	440	0.019	100	0.0032	13	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	0.0041	25	< 0.002	< 7.9	< 0.003	< 9.6	0.0913	578
		3/25/2015	Primary	0.17	1200	0.086	460	0.01	40	0.0042	17	< 0.0025	< 10	< 0.0039	< 10	0.0067 J	27 J	< 0.0022	< 10	0.022	130	< 0.002	< 7.9	< 0.003	< 9.6	0.2989	1874
		9/22/2015	Primary	0.038	260	0.014	75	< 0.002	< 7.9	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	0.0026	10	< 0.0022	< 10	0.0036 J	22 J	< 0.002	< 7.9	< 0.003	< 9.6	0.0582	367
		12/16/2015	Primary	0.015	100	0.0054	29	0.0015	6.0	0.0021	8.5	< 0.0012	< 4.9	< 0.002	< 5.1	< 0.001	< 4.0	< 0.0011	< 5.1	< 0.001	< 6.0	0.0019	7.5	< 0.0015	< 4.8	0.0259	151
		4/19/2016	Primary	0.0011	7.5	< 0.001 J	< 5.4 J	< 0.001 J	< 4.0 J	< 0.001	< 4.1	< 0.0012	< 4.9	< 0.002	< 5.1	< 0.001	< 4.0	< 0.0011	< 5.1	< 0.001	< 6.0	< 0.001	< 4.0	< 0.0015	< 4.8	0.0011	7.5
		12/27/2016	Primary	0.01	70	0.0042	23	< 0.0005	< 2.0	< 0.0005	< 2.0	< 0.00062	< 2.5	< 0.00098	< 2.5	< 0.0005	< 2.0	< 0.00055	< 2.5	0.00076	4.6	< 0.0005	< 2.0	< 0.00075	< 2.4	0.01496	97.6
		3/14/2017	Primary	0.16	1100	0.077	410	0.0031	12	0.0021	8.5	< 0.00062	< 2.5	< 0.00098	< 2.5	0.0041	16	< 0.00055	< 2.5	0.0047	28	< 0.0005	< 2.0	< 0.00075	< 2.4	0.251	1574.5
		6/28/2017	Primary	0.0048	33	0.0032	17	< 0.0005	< 2.0	< 0.0005	< 2.0	< 0.00062	< 2.5	< 0.00098	< 2.5	< 0.0005	< 2.0	< 0.00055	< 2.5	< 0.0005	< 3.0	< 0.0005	< 2.0	0.00083	2.7	0.00883	52.7
		9/27/2017	Primary	0.05	300	0.037	200	0.0014	5.6	0.0019	7.7	< 0.00062	< 2.5	< 0.00098	< 2.5	0.0038	15	< 0.00055	< 2.5	0.0021	13	< 0.0005	< 2.0	< 0.00075	< 2.4	0.0962	541.3
		12/11/2017	Primary	0.02	100	0.0086	46	< 0.002	< 7.9	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003 J	< 9.6 J	0.0286	146
VP-12D	33.5-34	2/15/2011	Primary	3.1	21000	4.5	24000	1.4	5600	4.4	18000	< 1.2	< 4900	< 2	< 5100	< 1.3	< 5200	< 1.1	< 5100	< 0.83	< 5000	< 1.3	< 5200	< 1.6	< 5100	13.4	68600
		2/15/2011	Duplicate	3.1	21000	4.3	23000	1.3	5200	4.7	19000	< 1.2	< 4900	< 2	< 5100	< 1.3	< 5200	< 1.1	< 5100	< 0.83	< 5000	< 1.3	< 5200	< 1.6	< 5100	13.4	68200
		5/25/2011	Primary	0.044	300	0.032	170	0.01	40	0.014	57	0.0027	11	0.011	28	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	0.0053	17	0.119	623
		9/20/2011	Primary	0.12	820	0.32	1700	0.083	330	0.18	730	< 0.012	< 49	0.047	120	0.03	100	< 0.011	< 51	< 0.01	< 60.4	0.014	56	< 0.015	< 48	0.794	3856
		12/6/2011	Primary	1.9	13000	3.5	19000	0.66	2600	1.4	5700	< 0.049	< 200	< 0.078	< 200	0.35	1400	< 0.043	< 200	< 0.04	< 200	0.076	300	< 0.06	< 200	7.886	42000
		3/28/2012	Primary	0.97	6600	2.4	13000	0.25	990	0.67	2700	< 0.049	< 200	< 0.078	< 200	0.11	440	< 0.043	< 200	< 0.04	< 200	< 0.04	< 200	< 0.06	< 200	4.4	23730
		6/5/2012	Primary	0.034	230	0.015	81	< 0.002	< 7.9	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.049	311
		9/18/2012	Primary	0.0034	23	< 0.002	< 11	< 0.002	< 7.9	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.0034	23
		12/11/2012	Primary	0.075	510	0.054	290	< 0.03	< 100	< 0.03	< 100	< 0.037	< 150	< 0.059 J	< 150 J	< 0.03	< 100	< 0.032	< 150	< 0.03	< 200	< 0.03	< 100	< 0.045	< 140	0.129	800
		3/18/2013	Primary	0.26	1800	0.26	1400	0.022	87	0.073	300	< 0.0062	< 25	< 0.0098	< 25	0.0057	23	< 0.0054	< 25	< 0.005	< 30	< 0.005	< 20	< 0.0075	< 24	0.6207	3610

TABLE V
ANALYTICAL RESULTS FOR CHEMICALS OF CONCERN IN SOIL VAPOR
COOPER DRUM COMPANY SUPERFUND SITE
SOUTH GATE, CALIFORNIA

Well ID	Screen Interval (ft bgs)	Sample Date	Sample Type	PCE		TCE		cDCE		1,1-DCA		1,2-DCA		VC		1,1-DCE		1,2-DCP		1,2,3-TCP		tDCE		Benzene		Total COCs	
				ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³
VP-12D	33.5-34	6/25/2013	Primary	0.016	110	0.01	50	0.0071	28	0.035	140	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	0.0081	32	< 0.003	< 9.6	0.0762	360
		12/19/2013	Primary	0.013	88	0.0038	20	< 0.002	< 7.9	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.0168	108
		3/25/2015	Primary	0.0032	22	< 0.002	< 11	< 0.002	< 7.9	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.0032	22
		4/19/2016	Primary	0.0043	29	0.0018 J	9.7 J	< 0.001 J	< 4.0 J	0.0086	35	< 0.0012	< 4.9	< 0.002	< 5.1	< 0.001	< 4.0	< 0.0011	< 5.1	< 0.001	< 6.0	0.0017	6.7	< 0.0015	< 4.8	0.0164	80.4
		12/27/2016	Primary	0.00073	5.0	0.00068	3.7	0.00093	3.7	0.0096	39	< 0.00062	< 2.5	< 0.00098	< 2.5	< 0.0005	< 2.0	< 0.00055	< 2.5	< 0.0005	< 3.0	< 0.0005	< 2.0	< 0.00075	< 2.4	0.01194	51.4
		3/14/2017	Primary	0.027	180	0.02	100	0.0044	17	0.015	61	< 0.00062	< 2.5	< 0.00098	< 2.5	0.0014	5.6	< 0.00055	< 2.5	0.0015	9.1	0.001	4.0	< 0.00075	< 2.4	0.0703	376.7
		6/28/2017	Primary	0.0026	18	0.0037	20	0.0008	3.2	0.0055	22	< 0.00062	< 2.5	< 0.00098	< 2.5	0.00097 J	3.9 J	< 0.00055	< 2.5	< 0.0005	< 3.0	< 0.0005	< 2.0	< 0.00075	< 2.4	0.01357	67.1
		9/27/2017	Primary	0.033	220	0.033	180	0.0062	25	0.023	93	< 0.00062	< 2.5	< 0.00098	< 2.5	< 0.0005	< 2.0	0.00066	3.1	0.00065	3.9	< 0.0005	< 2.0	< 0.00075	< 2.4	0.09651	525
		12/11/2017	Primary	0.013	88	0.0076	41	< 0.001	< 4.0	0.0016	6.5	< 0.0012	< 4.9	< 0.002	< 5.1	< 0.001	< 4.0	< 0.0011	< 5.1	< 0.001	< 6.0	< 0.001	< 4.0	< 0.0015 J	< 4.8 J	0.0222	135.5
VP-13A	9.5-10	2/15/2011	Primary	< 0.74	< 5000	< 0.93	< 5000	< 1.3	< 5200	< 1.2	< 4900	< 1.2	< 4900	< 2	< 5100	< 1.3	< 5200	< 1.1 J	< 5100 J	< 0.83	< 5000	< 1.3	< 5200	< 1.6	< 5100	ND	ND
		5/24/2011	Primary	0.0027	18	< 0.002	< 11	< 0.002	< 7.9	< 0.002	< 8.1	< 0.0035	< 14	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.0027	18
		9/19/2011	Primary	< 0.002	< 14	< 0.002	< 11	< 0.002	< 7.9	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	ND	ND
		12/5/2011	Primary	0.057	390	0.0041	22	< 0.002	< 7.9	0.0035	14	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.0646	426
		3/28/2012	Primary	0.0032	22	< 0.002	< 11	< 0.002	< 7.9	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.0032	22
		6/6/2012	Primary	0.0024	16	< 0.002	< 11	< 0.002	< 7.9	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.0024	16
		9/18/2012	Primary	< 0.002	< 14	< 0.002	< 11	< 0.002	< 7.9	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	ND	ND
		12/11/2012	Primary	0.0035	24	0.0026	14	< 0.002	< 7.9	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.0061	38
		3/20/2013	Primary	0.016	110	< 0.002	< 11	< 0.002	< 7.9	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.016	110
		6/25/2013	Primary	0.0076	52	< 0.002	< 11	< 0.002	< 7.9	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.0076	52
		12/18/2013	Primary	0.0042	29	< 0.002	< 11	< 0.002	< 7.9	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.0042	29
		3/26/2015	Primary	0.0064	43	< 0.002	< 11	< 0.002	< 7.9	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.0064	43
		4/19/2016	Primary	< 0.001	< 6.8	< 0.001 J	< 5.4 J	< 0.001 J	< 4.0 J	< 0.001	< 4.1	< 0.0012	< 4.9	< 0.002	< 5.1	< 0.001	< 4.0	< 0.0011	< 5.1	< 0.001	< 6.0	< 0.001	< 4.0	< 0.0015	< 4.8	ND	ND
		12/27/2016	Primary	0.00089	6.0	< 0.0005	< 2.7	< 0.0005	< 2.0	< 0.0005	< 2.0	< 0.00062	< 2.5	< 0.00098	< 2.5	< 0.0005	< 2.0	< 0.00055	< 2.5	< 0.0005	< 3.0	< 0.0005	< 2.0	< 0.00075	< 2.4	0.00089	6
		3/14/2017	Primary	0.0021	14	< 0.0005	< 2.7	< 0.0005	< 2.0	< 0.0005	< 2.0	< 0.00062	< 2.5	< 0.00098	< 2.5	< 0.0005	< 2.0	< 0.00055	< 2.5	< 0.0005	< 3.0	< 0.0005	< 2.0	0.00089	2.8	0.00299	16.8
		6/28/2017	Primary	0.00081	5.5	< 0.0005	< 2.7	< 0.0005	< 2.0	< 0.0005	< 2.0	< 0.00062	< 2.5	< 0.00098	< 2.5	< 0.0005	< 2.0	< 0.00055	< 2.5	< 0.0005	< 3.0	< 0.0005	< 2.0	0.00084	2.7	0.00165	8.2
		9/27/2017	Primary	< 0.0005	< 3.4	0.00059	3.2	< 0.0005	< 2.0	< 0.0005	< 2.0	< 0.00062	< 2.5	< 0.00098	< 2.5	< 0.0005	< 2.0	< 0.00055	< 2.5	< 0.0005	< 3.0	< 0.0005	< 2.0	< 0.00075	< 2.4	0.00059	3.2
		12/11/2017	Primary	0.0054	37	< 0.004	< 22	< 0.004	< 16	< 0.004	< 16	< 0.005	< 20	< 0.0078	< 20	< 0.004	< 16	< 0.0044	< 20	< 0.004	< 24	< 0.004	< 16	< 0.006 J	< 19 J	0.0054	37
VP-13B	21-21.5	2/15/2011	Primary	< 1.5	< 10000	< 1.9	< 10000	< 2.5	< 9900	4.2	17000	< 2.5	< 10000	< 3.9	< 10000	< 2.5	< 9900	< 2.2 J	< 10000 J	< 1.7	< 10000	< 2.5	< 9900	< 3.1	< 9900	4.2	17000
		5/24/2011	Primary	0.21	1400	0.12	650	0.028	110	0.37	1500	< 0.025	< 100	< 0.039	< 100	< 0.02	< 80	< 0.022	< 100	< 0.02	< 100	< 0.02	< 80	< 0.03	< 100	0.728	3660
		9/19/2011	Primary	0.053	360	0.047	250	0.012	48	0.099	400	< 0.0025	< 10	< 0.0039	< 10	0.0025	9.9	< 0.0022	< 10	< 0.002	< 12	0.0023	9.1	0.011	35	0.2268	1112
		12/5/2011	Primary	0.44	3000	0.41	2200	< 0.1	< 400	0.79	3200	< 0.12	< 490	< 0.2	< 500	< 0.1	< 400	< 0.11	< 510	< 0.1	< 600	< 0.1	< 400	0.17	540	1.81	8940
		3/28/2012	Primary	0.84	5700	0.63	3400	0.15	600	0.62	2500	< 0.12	< 490	< 0.2	< 500	< 0.1	< 400	< 0.11	< 510	< 0.1	< 600	< 0.1	< 400	< 0.15	< 480	2.24	12200
		6/6/2012	Primary	0.91	6200	0.26	1400	0.086	340	0.4	2000	< 0.074	< 300	< 0.12	< 310	< 0.06	< 200	< 0.065	< 300	< 0.06	< 400	< 0.06	< 200	0.12	380	1.776	10320
		9/18/2012	Primary	0.085	580	0.0082	44	< 0.002	< 7.9	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.0932	624
		12/11/2012	Primary	1	7000	0.13	700	0.058	230	0.21	850	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	0.004	16	0.12	380	1.522	9176
		3/20/2013	Primary	1	7000	0.16	860	0.042	170	0.21	850	< 0.049	< 200	< 0.078	< 200	< 0.04	< 200	< 0.043	< 200	< 0.04	< 200	< 0.04	< 200	0.089	280	1.501	9160
		6/25/2013	Primary	0.62	4200	< 0.2	< 1000	< 0.2	< 800	< 0.2	< 800	< 0.25	< 1000	< 0.39	< 1000	< 0.2	< 800	< 0.22	< 1000	< 0.2	< 1000	< 0.2	< 800	< 0.3	< 1000	0.62	4200
		9/24/2013	Primary	1.1	7500	< 0.4	< 2000	< 0.4	< 2000	< 0.4	< 2000	< 0.5	< 2000	< 0.78	< 2000	< 0.4	< 2000	< 0.44	< 2000	< 0.4	< 2000	< 0.4	< 2000	< 0.6	< 2000	1.1	7500
		12/18/2013	Primary	1.3	8800	0.061	330	0.0076	30	0.027	110	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	0.053	170	1.4486	9440
		3/25/2014	Primary	1.2	8200	< 0.1	< 500	< 0.1	< 400	< 0.1	< 400	< 0.12	< 490	< 0.2	< 500	< 0.1	< 400	< 0.11	< 510	< 0.1	< 600	< 0.1	< 400	< 0.15	< 480	1.2	8200
		6/26/2014	Primary	0.23	1600	< 0.02	< 100	< 0.02	< 80	< 0.02	< 80	< 0.025	< 100	< 0.039	< 100	< 0.02	< 80	< 0.022	< 100	< 0.02	< 100	< 0.02	< 80	< 0.03	< 100	0.23	1600
		12/9/2014	Primary	0.037	250	0.015	81	< 0.004	< 16	< 0.004	< 16	< 0.005	< 20	< 0.0078	< 20	< 0.004	< 16	< 0.0044	< 20	< 0.004	< 24	< 0.004	< 16	< 0.006	< 19	0.052	331
		3/26/2015	Primary	0.42	2900	< 0.05	< 300	< 0.05	< 200	< 0.05	< 200	< 0.062	< 250	< 0.098	< 250	< 0.05	< 200	< 0.055	< 250	< 0.05	< 300	< 0.05	< 200	< 0.075	< 240	0.42	2900
		9/22/2015	Primary	0.25	1700	0.011	59	< 0.01	< 40	< 0.01	< 40	< 0.012	< 49	< 0.02	< 50	< 0.01	< 40	< 0.011	< 51	< 0.01	< 60	< 0.01	< 40	0.02	60	0.281	1819
		12/16/2015	Primary	0.0092	63	< 0.0005	< 2.7	< 0.0005	< 2.0	< 0.0005	< 2.0	< 0.00062	< 2.5	< 0.00098	< 2.5	< 0.0005	< 2.0	< 0.00055	< 2.5	< 0.0005	< 3.0	< 0.0005	< 2.0	0.00085	2.7	0.01005	65.7
		4/19/2016	Primary	0.00072	4.9	0.00056 J	3.0 J	< 0.0005 J	< 2.0 J	< 0.0005	< 2.0	< 0.00062	< 2.5	< 0.00098	< 2.5	< 0.0005	< 2.0	< 0.00055	< 2.5	< 0.0005	< 3.0	< 0.0005	< 2.0	0.00098	3.1	0.00226	11
		5/31/2016	Primary	0.099	670	0.006	32	< 0.0005	< 2.0	< 0.0005	< 2.0	< 0.00062	< 2.5	< 0.00098	< 2.5	< 0.0005	< 2.0	< 0.00055	< 2.5	< 0.0005	< 3.0	< 0.0005	< 2.0	0.012	38	0.117	740
		6/13/2016	Primary	0.11	750	0.0076	41	< 0.0005	< 2.0	0.0014	5.7	< 0.00062	< 2.5	< 0.00098	< 2.5	< 0.0005	< 2.0	< 0.00055	< 2.5	< 0.0005	< 3.0	< 0.0005	< 2.0	0.013	42	0.132	838.7
		6/27/2016	Primary	0.06	400	0.0067	36	< 0.0005	< 2.0	0.0015	6.1	0.00086	3.5	< 0.00098	< 2.5	< 0.0005	< 2.0	< 0.00055	< 2.5	< 0.0005	< 3.0	< 0.0005	< 2.0	0.01	30	0.07906	475.6
		7/29/2016	Primary	< 0.0005	< 3	< 0.0005	< 3	< 0.0005	< 2	< 0.0005	< 2	< 0.00062	< 2.5	< 0.00098	< 2.5	< 0.0005	< 2	< 0.00055	< 2.5	< 0.0005	< 3	< 0.0005	< 2	0.00088	2.8	0.00088	2.8
		8/15/2016	Primary	0.022	150	0.0016	8.6	< 0.0005	< 2.0	< 0.0005	< 2.0	< 0.00062	< 2.5	< 0.00098	< 2.5	< 0.0005	< 2.0	< 0.00055	< 2.5	< 0.0005	< 3.0	< 0.0005	< 2.0	0.0053	17	0.0289	175.6
		8/29/2016	Primary	0.29 J	2000 J	0.013	70	< 0.0005	< 2.0	0.0031	13	< 0.00062	< 2.5	< 0.00098	< 2.5	< 0.0005	< 2.0	0.00076	3.5	0.0059	36	< 0.0005	< 2.0	0.024	77	0.33676	2199.5
		9/12/2016	Primary	0.13	880	< 0.01	< 50	< 0.01	< 40	< 0.01	< 40	< 0.012	< 49	< 0.02	< 50	< 0.01	< 40	< 0.011	< 51	< 0.01	< 60	< 0.01	< 40	0.032	100	0.162	980
		12/27/2016	Primary	0.26 J+	1800 J+	0.0053 J+	29 J+	< 0.002	< 7.9	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	0.016 J+	51 J+	0.2813	1880
		3/14/2017	Primary	0.32	2200	0.014	75	< 0.01	< 40	< 0.01	< 40	< 0.012	< 49	< 0.02	< 50	< 0.01	< 40	< 0.011	< 51	< 0.01	< 60	< 0.01	< 40	0.031	99	0.365	2374
		6/28/2017	Primary	0.12	820	< 0.01	< 50	< 0.01	< 40	< 0.01	< 40	< 0.012	< 49	< 0.02	< 50	< 0.01	< 40	< 0.011	< 51	< 0.01	< 60	< 0.01	< 40	0.02	60	0.14	880
		9/27/2017	Primary	0.14	950	< 0.01	< 50	< 0.01	< 40	< 0.01	< 40	< 0.012	< 49	< 0.02	< 50	< 0.01	< 40	< 0.011	< 51	< 0.01	< 60	< 0.01	< 40	0.021	67	0.161	1017
		12/11/2017	Primary	0.1	700	0.013	70	< 0.01	< 40	< 0.01	< 40	< 0.012	< 49	< 0.02	< 50	< 0.01	< 40	< 0.011	< 51	< 0.01	< 60	< 0.01	< 40	< 0.015 J	< 48 J	0.113	770

TABLE V
ANALYTICAL RESULTS FOR CHEMICALS OF CONCERN IN SOIL VAPOR
COOPER DRUM COMPANY SUPERFUND SITE
SOUTH GATE, CALIFORNIA

Well ID	Screen Interval (ft bgs)	Sample Date	Sample Type	PCE		TCE		cDCE		1,1-DCA		1,2-DCA		VC		1,1-DCE		1,2-DCP		1,2,3-TCP		tDCE		Benzene		Total COCs	
				ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³
VP-13C	26-26.5	2/15/2011	Primary	< 0.74	< 5000	< 0.93	< 5000	< 1.3	< 5200	< 1.2	< 4900	< 1.2	< 4900	< 2	< 5100	< 1.3	< 5200	< 1.1 J	< 5100 J	< 0.83	< 5000	< 1.3	< 5200	< 1.6	< 5100	ND	ND
		5/24/2011	Primary	0.074	500	0.17	910	0.014	56	0.21	850	< 0.012	< 49	< 0.02	< 50	0.019	75	< 0.011	< 51	< 0.01	< 60.4	< 0.01	< 39.7	< 0.015	< 48	0.487	2391
		9/19/2011	Primary	0.01	70	0.045	240	0.0023	9.1	0.03	100	< 0.0025	< 10	< 0.0039	< 10	0.0038	15	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.0911	434.1
		12/5/2011	Primary	0.43	2900	0.61	3300	< 0.04	< 200	0.35	1400	< 0.049	< 200	< 0.078	< 200	0.055	220	< 0.043	< 200	< 0.04	< 200	< 0.04	< 200	< 0.06	< 200	1.445	7820
		3/28/2012	Primary	0.85	5800	0.65	3500	0.05	200	0.59	2400	< 0.049	< 200	< 0.078	< 200	0.055	220	< 0.043	< 200	< 0.04	< 200	< 0.04	< 200	< 0.06	< 200	2.195	12120
		6/6/2012	Primary	0.41 J	2800 J	0.2 J	1000 J	0.093 J	370 J	0.54 J	2200 J	< 0.037	< 150	< 0.059	< 150	< 0.03	< 100	< 0.032	< 150	< 0.03	< 200	< 0.03	< 100	0.15 J	480 J	1.393	6850
		6/6/2012	Duplicate	0.21 J	1400 J	0.093 J	500 J	0.035 J	140 J	0.18 J	730 J	< 0.037	< 150	< 0.059	< 150	< 0.03	< 100	< 0.032	< 150	< 0.03	< 200	< 0.03	< 100	0.05 J	200 J	0.568	2970
		9/18/2012	Primary	0.015	100	0.003	16	< 0.002	< 7.9	0.0074	30	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.0254	146
		12/11/2012	Primary	0.5	3000	0.11	590	0.042 J	170 J	0.18 J	730 J	< 0.0025	< 10	< 0.0039 J	< 10 J	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	0.0063 J	25 J	0.021	67	0.8593	4582
		12/11/2012	Duplicate	0.4	3000	0.082	440	0.029 J	120 J	0.12 J	490 J	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	0.004 J	16 J	0.016	51	0.651	4117
		3/20/2013	Primary	0.19	1300	0.041	220	< 0.03	< 100	0.034	140	< 0.037	< 150	< 0.059	< 150	< 0.03	< 100	< 0.032	< 150	< 0.03	< 200	< 0.03	< 100	< 0.045	< 140	0.265	1660
		6/25/2013	Primary	0.021	140	0.0028	15	< 0.002	< 7.9	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.0238	155
		12/18/2013	Primary	0.44	3000	0.059	320	0.0055	22	0.029	120	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	0.0065	21	0.54	3483
		3/26/2015	Primary	0.18	1200	< 0.015	< 81	< 0.015	< 60	< 0.015	< 61	< 0.019	< 77	< 0.029	< 74	< 0.015	< 60	< 0.016	< 74	< 0.015	< 91	< 0.015	< 60	< 0.022	< 70	0.18	1200
		9/22/2015	Primary	0.16	1100	0.017	91	< 0.008	< 32	< 0.008	< 32	< 0.01	< 40	< 0.016	< 41	< 0.008	< 32	< 0.0088	< 41	< 0.008	< 48	< 0.008	< 32	< 0.012	< 38	0.177	1191
		12/16/2015	Primary	0.029	200	0.0033	18	< 0.001	< 4.0	< 0.001	< 4.1	< 0.0012	< 4.9	< 0.002	< 5.1	< 0.001	< 4.0	< 0.0011	< 5.1	< 0.001	< 6.0	< 0.001	< 4.0	0.0026	8.3	0.0349	226.3
		4/19/2016	Primary	< 0.0005	< 3.4	< 0.0005 J	< 2.7 J	< 0.0005 J	< 2.0 J	< 0.0005	< 2.0	< 0.00062	< 2.5	< 0.00098	< 2.5	< 0.0005	< 2.0	< 0.00055	< 2.5	< 0.0005	< 3.0	< 0.0005	< 2.0	< 0.00075	< 2.4	ND	ND
		12/27/2016	Primary	0.15	1000	0.042	230	0.003	12	0.0019	7.7	< 0.0012	< 4.9	< 0.002	< 5.1	< 0.001	< 4.0	< 0.0011	< 5.1	< 0.001	< 6.0	< 0.001	< 4.0	< 0.0015	< 4.8	0.1969	1249.7
		3/14/2017	Primary	0.063	430	0.022	120	0.0014	5.6	0.0011	4.5	< 0.0012	< 4.9	< 0.002	< 5.1	< 0.001	< 4.0	< 0.0011	< 5.1	< 0.001	< 6.0	< 0.001	< 4.0	< 0.0015	< 4.8	0.0875	560.1
		6/28/2017	Primary	0.091	620	0.01	50	< 0.004	< 16	< 0.004	< 16	< 0.005	< 20	< 0.0078	< 20	< 0.004	< 16	< 0.0044	< 20	< 0.004	< 24	< 0.004	< 16	< 0.006	< 19	0.101	670
		9/27/2017	Primary	< 0.001	< 6.8	< 0.001	< 5.4	< 0.001	< 4.0	< 0.001	< 4.1	< 0.0012	< 4.9	< 0.002	< 5.1	< 0.001	< 4.0	< 0.0011	< 5.1	< 0.001	< 6.0	< 0.001	< 4.0	< 0.0015	< 4.8	ND	ND
		12/11/2017	Primary	0.068 J	460 J	0.029	160	0.0036	14	0.0026	11	< 0.0012	< 4.9	< 0.002	< 5.1	< 0.001	< 4.0	< 0.0011	< 5.1	< 0.001	< 6.0	0.0019	7.5	< 0.0015 J	< 4.8 J	0.1051	652.5
VP-13D	33-33.5	2/16/2011	Primary	< 0.74	< 5000	1.5	8100	< 1.3	< 5200	1.3	5300	< 1.2	< 4900	< 2	< 5100	< 1.3	< 5200	< 1.1	< 5100	< 0.83	< 5000	< 1.3	< 5200	< 1.6	< 5100	2.8	13400
		5/24/2011	Primary	0.057	390	0.17	910	0.017	67	0.24	970	< 0.012	< 49	< 0.02	< 50	0.021	83	< 0.011	< 51	< 0.01	< 60.4	< 0.01	< 39.7	< 0.015	< 48	0.505	2420
		9/19/2011	Primary	0.014	95	0.024	130	< 0.002	< 7.9	0.014	57	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.052	282
		9/21/2011	Primary	0.028	190	0.039	210	0.0058 J	23 J	0.035	140	< 0.0025	< 10	< 0.0039	< 10	0.0053	21	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	0.0034	11	0.1165	595
		12/5/2011	Primary	0.14	950	0.12	650	< 0.04	< 200	< 0.04	< 200	< 0.049	< 200	< 0.078	< 200	< 0.04	< 200	< 0.043	< 200	< 0.04	< 200	< 0.04	< 200	< 0.06	< 200	0.26	1600
		3/28/2012	Primary	1.3	8800	1.1	5900	0.061	240	0.99	4000	< 0.012	< 49	0.025 J	64 J	0.068	270	< 0.011	< 51	< 0.01	< 60.4	0.024	95	0.05 J	200 J	3.618	19569
		6/6/2012	Primary	0.01	70	0.0041	22	< 0.002	< 7.9	0.0059	24	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.02	116
		9/18/2012	Primary	< 0.002	< 14	< 0.002	< 11	< 0.002	< 7.9	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	ND	ND
		9/18/2012	Duplicate	< 0.002	< 14	< 0.002	< 11	< 0.002	< 7.9	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	ND	ND
		12/11/2012	Primary	0.0025	17	< 0.002	< 11	< 0.002	< 7.9	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.0025	17
		3/20/2013	Primary	0.11	750	0.037	200	0.002	7.9	0.022	89	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	0.003	9.6	0.174	1056.5
		3/20/2013	Duplicate	0.088	600	0.041	220	< 0.002	< 7.9	0.023	93	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.152	913
		6/25/2013	Primary	0.017	120	0.0028	15	< 0.002	< 7.9	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.0198	135
		12/18/2013	Primary	0.3	2000	0.13	700	0.0046	18	0.0051	21	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.4397	2739
		3/26/2015	Primary	0.025	170	0.021	110	< 0.002	< 7.9	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.046	280
		9/22/2015	Primary	0.043	290	0.048	260	0.0013	5.2	0.0012	4.9	< 0.0012	< 4.9	< 0.002	< 5.1	< 0.001	< 4.0	< 0.0011	< 5.1	< 0.001	< 6.0	< 0.001	< 4.0	0.002	6.4	0.0955	566.5
		12/16/2015	Primary	0.038	260	0.014	75	0.00078	3.1	0.00079	3.2	< 0.00062	< 2.5	< 0.00098	< 2.5	< 0.0005	< 2.0	< 0.00055	< 2.5	< 0.0005	< 3.0	< 0.0005	< 2.0	0.0011	3.5	0.05467	344.8
		4/19/2016	Primary	< 0.0005	< 3.4	< 0.0005 J	< 2.7 J	< 0.0005 J	< 2.0 J	< 0.0005	< 2.0	< 0.00062	< 2.5	< 0.00098	< 2.5	< 0.0005	< 2.0	< 0.00055	< 2.5	< 0.0005	< 3.0	< 0.0005	< 2.0	< 0.00075	< 2.4	ND	ND
		12/27/2016	Primary	0.036	240	0.1	500	0.0095	38	< 0.0005	< 2.0	0.0007	2.8	< 0.00098	< 2.5	< 0.0005	< 2.0	< 0.00055	< 2.5	< 0.0005	< 3.0	0.0022	8.7	< 0.00075	< 2.4	0.1484	789.5
		3/14/2017	Primary	0.026	180	0.024	130	0.0017	6.7	< 0.0005	< 2.0	< 0.00062	< 2.5	< 0.00098	< 2.5	< 0.0005	< 2.0	< 0.00055	< 2.5	< 0.0005	< 3.0	0.001	4.0	0.00097	3.1	0.05367	323.8
		6/28/2017	Primary	0.058	390	0.024	130	0.0021	8.3	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.0841	528.3
		9/27/2017	Primary	< 0.001	< 6.8	< 0.001	< 5.4	< 0.001	< 4.0	< 0.001	< 4.1	< 0.0012	< 4.9	< 0.002	< 5.1	< 0.001	< 4.0	< 0.0011	< 5.1	< 0.001	< 6.0	< 0.001	< 4.0	< 0.0015	< 4.8	ND	ND
		12/11/2017	Primary	0.062 J	420 J	0.046	250	0.011	44	0.0055	22	< 0.0012	< 4.9	< 0.002	< 5.1	< 0.001	< 4.0	< 0.0011	< 5.1	< 0.001	< 6.0	0.0032	13	< 0.0015 J	< 4.8 J	0.1277	749
VP-14A	9.5-10	8/24/2011	Primary	< 0.0015	< 10	0.0056	30	< 0.0025	< 9.9	< 0.0025	< 10	< 0.0025	< 10	< 0.0039	< 10	< 0.0025	< 9.9	< 0.0022	< 10	< 0.0017	< 10	< 0.0025	< 9.9	< 0.0031	< 9.9	0.0056	30
		9/20/2011	Primary	0.094	640	0.024	130	0.0038	15	0.04	200	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.1618	985
		12/7/2011	Primary	1.6	11000	0.3	2000	< 0.1	< 400	0.2	800	< 0.12	< 490	< 0.2	< 500	< 0.1	< 400	< 0.11	< 510	< 0.1	< 600	< 0.1	< 400	< 0.15	< 480	2.1	13800
		3/27/2012	Primary	1.8	12000	0.54	2900	0.088	350	0.4	2000	< 0.049	< 200	< 0.078	< 200	< 0.04	< 200	< 0.043	< 200	< 0.04	< 200	< 0.04	< 200	< 0.06	< 200	2.828	17250
		6/4/2012	Primary	0.05	300	0.0052	28	< 0.002	< 7.9	0.002	8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.0572	336.1
		9/18/2012	Primary	0.021	140	0.0026	14	< 0.002	< 7.9	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.0236	154
		9/18/2012	Duplicate	0.018	120	0.0022	12	< 0.002	< 7.9	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.0202	132
		12/10/2012	Primary	0.004	27	< 0.002	< 11	< 0.002	< 7.9	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.004	27
		3/20/2013	Primary	0.061	410	0.0071	38	0.0028	11	0.0036	15	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.0745	474
		6/26/2013	Primary	0.027	180	0.0021	11	< 0.002	< 7.9	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.0291	191
		12/18/2013	Primary	0.025	170	0.0024	13	< 0.002	< 7.9	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.0274	183
		12/18/2014	Primary	< 0.002	< 14	< 0.002	< 11	< 0.002	< 7.9	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	ND	ND
		3/26/2015	Primary	< 0.002	< 14	< 0.002	< 11	< 0.002	< 7.9	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	ND	ND

TABLE V
ANALYTICAL RESULTS FOR CHEMICALS OF CONCERN IN SOIL VAPOR
COOPER DRUM COMPANY SUPERFUND SITE
SOUTH GATE, CALIFORNIA

Well ID	Screen Interval (ft bgs)	Sample Date	Sample Type	PCE		TCE		cDCE		1,1-DCA		1,2-DCA		VC		1,1-DCE		1,2-DCP		1,2,3-TCP		tDCE		Benzene		Total COCs	
				ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³
VP-14A	9.5-10	9/22/2015	Primary	0.031	210	0.0044	24	< 0.001	< 4.0	0.0022	8.9	< 0.0012	< 4.9	< 0.002	< 5.1	< 0.001	< 4.0	< 0.0011	< 5.1	< 0.001	< 6.0	< 0.001	< 4.0	< 0.0015	< 4.8	0.0376	242.9
		12/16/2015	Primary	0.004	27	0.00074	4.0	< 0.0005	< 2.0	< 0.0005	< 2.0	< 0.00062	< 2.5	< 0.00098	< 2.5	< 0.0005	< 2.0	< 0.00055	< 2.5	< 0.0005	< 3.0	< 0.0005	< 2.0	< 0.00075	< 2.4	0.00474	31
		4/20/2016	Primary	0.002	14	0.00055	3.0	< 0.0005	< 2.0	< 0.0005	< 2.0	< 0.00062	< 2.5	< 0.00098	< 2.5	< 0.0005	< 2.0	< 0.00055	< 2.5	< 0.0005	< 3.0	< 0.0005	< 2.0	< 0.00075	< 2.4	0.00255	17
		5/16/2016	Primary	0.0046	31	0.00052	2.8	< 0.0005	< 2.0	< 0.0005	< 2.0	< 0.00062	< 2.5	< 0.00098	< 2.5	< 0.0005	< 2.0	< 0.00055	< 2.5	< 0.0005	< 3.0	< 0.0005	< 2.0	< 0.00075	< 2.4	0.00512	33.8
		5/31/2016	Primary	0.0028	19	0.0053	29	< 0.0005	< 2.0	< 0.0005	< 2.0	0.0032	13	< 0.00098	< 2.5	< 0.0005	< 2.0	< 0.00055	< 2.5	< 0.0005	< 3.0	< 0.0005	< 2.0	< 0.00075	< 2.4	0.0113	61
		6/13/2016	Primary	0.003	20	< 0.0005	< 2.7	< 0.0005	< 2.0	< 0.0005	< 2.0	< 0.00062	< 2.5	< 0.00098	< 2.5	< 0.0005	< 2.0	< 0.00055	< 2.5	< 0.0005	< 3.0	< 0.0005	< 2.0	< 0.00075	< 2.4	0.003	20
		6/27/2016	Primary	0.0037	25	< 0.001	< 5.4	< 0.001	< 4.0	< 0.001	< 4.1	< 0.0012	< 4.9	< 0.002	< 5.1	< 0.001	< 4.0	< 0.0011	< 5.1	< 0.001	< 6.0	< 0.001	< 4.0	< 0.0015	< 4.8	0.0037	25
		7/29/2016	Primary	0.0032	22	< 0.001	< 5	< 0.001	< 4	< 0.001	< 4	< 0.0012	< 4.9	< 0.002	< 5	< 0.001	< 4	< 0.0011	< 5.1	< 0.001	< 6	< 0.001	< 4	< 0.0015	< 4.8	0.0032	22
		3/14/2017	Primary	0.018	120	0.0028	15	< 0.0005	< 2.0	0.00084	3.4	< 0.00062	< 2.5	< 0.00098	< 2.5	< 0.0005	< 2.0	< 0.00055	< 2.5	< 0.0005	< 3.0	< 0.0005	< 2.0	< 0.00075	< 2.4	0.02164	138.4
		6/28/2017	Primary	0.014	95	0.0015	8.1	< 0.0005	< 2.0	< 0.0005	< 2.0	< 0.00062	< 2.5	< 0.00098	< 2.5	< 0.0005	< 2.0	< 0.00055	< 2.5	< 0.0005	< 3.0	< 0.0005	< 2.0	< 0.00075	< 2.4	0.0155	103.1
		9/27/2017	Primary	< 0.001	< 6.8	< 0.001	< 5.4	< 0.001	< 4.0	< 0.001	< 4.1	< 0.0012	< 4.9	< 0.002	< 5.1	< 0.001	< 4.0	< 0.0011	< 5.1	< 0.001	< 6.0	< 0.001	< 4.0	< 0.0015	< 4.8	ND	ND
		12/11/2017	Primary	0.0011	7.5	0.0012	6.5	0.0012	4.8	< 0.001	< 4.1	< 0.0012	< 4.9	< 0.002	< 5.1	< 0.001	< 4.0	< 0.0011	< 5.1	< 0.001	< 6.0	< 0.001	< 4.0	< 0.0015 J	< 4.8 J	0.0035	18.8
VP-14B	19-19.5	8/24/2011	Primary	< 0.0015	< 10	< 0.0019	< 10	< 0.0025	< 9.9	< 0.0025	< 10	< 0.0025	< 10	< 0.0039	< 10	< 0.0025	< 9.9	< 0.0022	< 10	< 0.0017	< 10	< 0.0025	< 9.9	< 0.0031	< 9.9	ND	ND
		9/20/2011	Primary	0.46	3100	0.41	2200	0.11	440	1.9	7700	< 0.049	< 200	< 0.078	< 200	< 0.04	< 200	< 0.043	< 200	< 0.04	< 200	< 0.04	< 200	< 0.06	< 200	2.88	13440
		12/7/2011	Primary	0.34 J	2300 J	0.32 J	1700 J	0.16 J	640 J	1.1 J	4500 J	< 0.037	< 150	< 0.059	< 150	< 0.03	< 100	< 0.032	< 150	< 0.03	< 200	< 0.03	< 100	< 0.045	< 140	1.92	9140
		12/7/2011	Duplicate	0.19 J	1300 J	0.16 J	860 J	0.066 J	260 J	0.44 J	1800 J	< 0.0062	< 25	< 0.0098	< 25	0.0088	35	< 0.0054	< 25	< 0.005	< 30	0.0076	30	< 0.0075	< 24	0.8724	4285
		3/27/2012	Primary	0.59	4000	0.61	3300	0.19	750	1.8	7300	< 0.012	< 49	0.047	120	0.035	140	< 0.011	< 51	< 0.01	< 60.4	0.023	91	0.019	61	3.314	15762
		6/4/2012	Primary	0.96	6500	0.47	2500	0.11	440	1.4	5700	< 0.049	< 200	< 0.078	< 200	< 0.04	< 200	< 0.043	< 200	< 0.04	< 200	< 0.04	< 200	< 0.06	< 200	2.94	15140
		9/18/2012	Primary	0.015	100	0.0052	28	0.0025	9.9	0.015	61	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.0377	198.9
		12/10/2012	Primary	0.26	1800	0.054	290	0.0089	35	0.14 J	570 J	< 0.0049	< 20	< 0.0078	< 20	< 0.004	< 16	< 0.0043	< 20	< 0.004	< 24	< 0.004	< 16	< 0.006	< 19	0.4629	2695
		3/20/2013	Primary	0.57	3900	0.2	1000	0.079	310	0.47	1900	< 0.012	< 49	< 0.02	< 50	< 0.01	< 40	< 0.011	< 51	< 0.01	< 60	< 0.01	< 40	< 0.015	< 48	1.319	7110
		6/26/2013	Primary	0.25 J	1700 J	0.089	480	0.023	91	0.15 J	610 J	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.512	2881
		12/18/2013	Primary	0.41	2800	0.1	500	0.018	71	0.13	530	< 0.01	< 40	< 0.016	< 41	< 0.008	< 32	< 0.0088	< 41	< 0.008	< 48	< 0.008	< 32	< 0.012	< 38	0.658	3901
		12/9/2014	Primary	0.047	320	0.0074	40	0.0027	11	0.0056	23	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.0627	394
		3/26/2015	Primary	0.039	260	0.016	86	0.043	170	0.062	250	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.16	766
		9/22/2015	Primary	0.008	54	0.0019	10	0.0016	6.4	0.0018	7.3	< 0.0012	< 4.9	< 0.002	< 5.1	< 0.001	< 4.0	< 0.0011	< 5.1	< 0.001	< 6.0	< 0.001	< 4.0	< 0.0015	< 4.8	0.0133	77.7
		12/16/2015	Primary	0.0018	12	0.00067	3.6	< 0.0005	< 2.0	< 0.0005	< 2.0	< 0.00062	< 2.5	< 0.00098	< 2.5	< 0.0005	< 2.0	< 0.00055	< 2.5	< 0.0005	< 3.0	< 0.0005	< 2.0	< 0.00075	< 2.4	0.00247	15.6
		4/20/2016	Primary	0.00052	3.5	< 0.0005	< 2.7	< 0.0005	< 2.0	< 0.0005	< 2.0	< 0.00062	< 2.5	< 0.00098	< 2.5	< 0.0005	< 2.0	< 0.00055	< 2.5	< 0.0005	< 3.0	< 0.0005	< 2.0	< 0.00075	< 2.4	0.00052	3.5
		3/14/2017	Primary	0.0032	22	< 0.0005	< 2.7	< 0.0005	< 2.0	< 0.0005	< 2.0	< 0.00062	< 2.5	< 0.00098	< 2.5	< 0.0005	< 2.0	< 0.00055	< 2.5	< 0.0005	< 3.0	< 0.0005	< 2.0	0.0014	4.5	0.0046	26.5
		6/28/2017	Primary	0.0017	12	< 0.0005	< 2.7	< 0.0005	< 2.0	< 0.0005	< 2.0	< 0.00062	< 2.5	< 0.00098	< 2.5	< 0.0005	< 2.0	< 0.00055	< 2.5	< 0.0005	< 3.0	< 0.0005	< 2.0	< 0.00075	< 2.4	0.0017	12
		9/27/2017	Primary	0.0016	11	0.00065	3.5	< 0.0005	< 2.0	< 0.0005	< 2.0	< 0.00062	< 2.5	< 0.00098	< 2.5	< 0.0005	< 2.0	< 0.00055	< 2.5	< 0.0005	< 3.0	< 0.0005	< 2.0	< 0.00075	< 2.4	0.00225	14.5
		12/11/2017	Primary	< 0.0005	< 3.4	0.002	11	0.0017	6.7	0.00084	3.4	< 0.00062	< 2.5	< 0.00098	< 2.5	< 0.0005	< 2.0	< 0.00055	< 2.5	< 0.0005	< 3.0	0.0013	5.2	< 0.00075 J	< 2.4 J	0.00584	26.3
VP-14C	29-29.5	8/25/2011	Primary	0.028 J	190 J	0.074	400	0.018	71	0.22	890	< 0.0025	< 10	0.0063	16	< 0.0025	< 9.9	< 0.0022	< 10	< 0.0017	< 10	0.003	12	0.0053	17	0.3546	1596
		8/25/2011	Duplicate	0.018 J	120 J	0.069	370	0.019	75	0.23	930	< 0.0025	< 10	0.0063	16	< 0.0025	< 9.9	< 0.0022	< 10	< 0.0017	< 10	0.0033	13	0.0056	18	0.3512	1542
		9/20/2011	Primary	0.28	1900	0.76	4100	0.14	560	1.7	6900	< 0.049	< 200	< 0.078	< 200	0.045	180	< 0.043	< 200	< 0.04	< 200	< 0.04	< 200	< 0.06	< 200	2.925	13640
		12/7/2011	Primary	0.41	2800	0.78	4200	0.4	2000	3	10000	< 0.12	< 490	< 0.2	< 500	< 0.1	< 400	< 0.11	< 510	< 0.1	< 600	< 0.1	< 400	< 0.15	< 480	4.59	19000
		3/27/2012	Primary	0.49	3300	0.91	4900	0.28	1100	3.5	14000	< 0.12	< 490	< 0.2	< 500	0.11	440	< 0.11	< 510	< 0.1	< 600	< 0.1	< 400	< 0.15	< 480	5.29	23740
		6/4/2012	Primary	1.3	8800	0.84	4500	0.17	670	2.5	10000	< 0.12	< 490	< 0.2	< 500	< 0.1	< 400	< 0.11	< 510	< 0.1	< 600	< 0.1	< 400	< 0.15	< 480	4.81	23970
		9/18/2012	Primary	< 0.002	< 14	< 0.002	< 11	< 0.002	< 7.9	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	ND	ND
		12/10/2012	Primary	0.52	3500	0.14	750	0.031	120	0.37 J	1500 J	< 0.037	< 150	< 0.059	< 150	< 0.03	< 100	< 0.032	< 150	< 0.03	< 200	< 0.03	< 100	< 0.045	< 140	1.061	5870
		3/20/2013	Primary	0.38	2600	0.32	1700	0.072	290	1.1	4500	< 0.049	< 200	< 0.078	< 200	< 0.04	< 200	< 0.043	< 200	< 0.04	< 200	< 0.04	< 200	< 0.06	< 200	1.872	9090
		6/26/2013	Primary	0.38	2600	0.099	530	0.012	48	0.15	610	< 0.0099	< 40	< 0.016	< 41	< 0.008	< 32	< 0.0087	< 40	< 0.008	< 48	< 0.008	< 32	< 0.012	< 38	0.641	3788
		12/18/2013	Primary	0.37	2500	0.076	410	< 0.008	< 32	0.088	360	< 0.01	< 40	< 0.016	< 41	< 0.008	< 32	< 0.0088	< 41	< 0.008	< 48	< 0.008	< 32	< 0.012	< 38	0.534	3270
		12/9/2014	Primary	0.0079	54	< 0.002	< 11	< 0.002	< 7.9	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.0079	54
		3/26/2015	Primary	0.076	520	0.013	70	< 0.005	< 20	0.015	61	< 0.0062	< 25	< 0.0098	< 25	< 0.005	< 20	< 0.0055	< 25	< 0.005	< 30	< 0.005	< 20	< 0.0075	< 24	0.104	651
		9/22/2015	Primary	0.075	510	0.022	120	< 0.004	< 16	0.027	110	< 0.005	< 20	< 0.0078	< 20	< 0.004	< 16	< 0.0044	< 20	< 0.004	< 24	< 0.004	< 16	< 0.006	< 19	0.124	740
		12/16/2015	Primary	0.015	100	0.0031	17	< 0.001	< 4.0	0.004	16	< 0.0012	< 4.9	< 0.002	< 5.1	< 0.001	< 4.0	< 0.0011	< 5.1	< 0.001	< 6.0	< 0.001	< 4.0	< 0.0015	< 4.8	0.0221	133
		4/20/2016	Primary	0.036	240	0.004	22	< 0.001	< 4.0	0.0039	16	< 0.0012	< 4.9	< 0.002	< 5.1	< 0.001	< 4.0	< 0.0011	< 5.1	< 0.001	< 6.0	< 0.001	< 4.0	< 0.0015	< 4.8	0.0439	278
		6/27/2016	Primary	0.015	100	0.0064	34	0.0073	29	0.0045	18	< 0.0012	< 4.9	< 0.002	< 5.1	< 0.001	< 4.0	< 0.0011	< 5.1	< 0.001	< 6.0	< 0.001	< 4.0	< 0.0015	< 4.8	0.0332	181
		7/29/2016	Primary	0.01	70	< 0.002	< 10	0.003	12	0.0026	11	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 8	< 0.0022	< 10	< 0.002	< 10	< 0.002	< 8	< 0.003	< 10	0.0156	93
		9/12/2016	Primary	0.02	100	0.01	50	0.0025	9.9	0.006	24	< 0.0012	< 4.9	< 0.002	< 5.1	< 0.001	< 4.0	< 0.0011	< 5.1	< 0.001	< 6.0	< 0.001	< 4.0	< 0.0015	< 4.8	0.0385	183.9
		3/14/2017	Primary	0.023	160	0.0077	41	0.0016	6.4	0.0028	11	< 0.00062	< 2.5	< 0.00098	< 2.5	< 0.0005	< 2.0	< 0.00055	< 2.5	< 0.0005	< 3.0	< 0.0005	< 2.0	< 0.00075	< 2.4	0.0351	218.4
		6/28/2017	Primary	0.016	110	0.0075	40	0.0016	6.4	0.0032	13	< 0.00062	< 2.5	< 0.00098	< 2.5	< 0.0005	< 2.0	< 0.00055	< 2.5	< 0.0005	< 3.0	0.001	4.0	< 0.00075	< 2.4	0.0293	173.4
		9/27/2017	Primary	0.03	200	< 0.01	< 50	< 0.01	< 40	< 0.01	< 40	< 0.012	< 49	< 0.02	< 50	< 0.01	< 40	< 0.011	< 51	< 0.01	< 60	< 0.01	< 40	< 0.015	< 48	0.03	200
		12/11/2017	Primary	< 0.0005	< 3.4	0.0016	8.6	0.0011	4.4	< 0.0005	< 2.0	< 0.00062	< 2.5	< 0.00098	< 2.5	< 0.0005	< 2.0	< 0.00055	< 2.5	< 0.0005	< 3.0	0.00066	2.6	< 0.00075 J	< 2.4 J	0.00336	15.6
VP-14D	33-33.5	9/20/2011	Primary	0.32	2200	0.69	3700	0.098	390	0.84	3400	< 0.037	< 150	< 0.059	< 150	< 0.03	< 100	< 0.032	< 150	< 0.03	< 200	< 0.03	< 100	< 0.045	< 140	1.948	9690
		12/7/2011	Primary	0.65	4400	1.1	5900	0.35	1400	2.7	11000	< 0.12	< 490	< 0.2	< 500	< 0.1	< 400	< 0.11	< 510	< 0.1	< 600	< 0.1	< 400	< 0.15	< 480	4.8	22700
		3/27/2012	Primary	0.035	240	0.063	340	0.016	64	0.12	490	< 0.012	< 49	< 0.02	< 50	< 0.01	< 39.7	< 0.011	< 51	< 0.01	< 60.4	< 0.01	< 39.7	< 0.015	< 48	0.234	1134

TABLE V
ANALYTICAL RESULTS FOR CHEMICALS OF CONCERN IN SOIL VAPOR
COOPER DRUM COMPANY SUPERFUND SITE
SOUTH GATE, CALIFORNIA

Well ID	Screen Interval (ft bgs)	Sample Date	Sample Type	PCE		TCE		cDCE		1,1-DCA		1,2-DCA		VC		1,1-DCE		1,2-DCP		1,2,3-TCP		tDCE		Benzene		Total COCs	
				ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³
VP-14D	33-33.5	6/4/2012	Primary	0.65	4400	0.45	2400	0.088	350	1.4	5700	< 0.0025	< 10	0.007	18	0.018	71	0.0037	17	< 0.002	< 12	0.025	99	0.018	58	2.6597	13113
		9/18/2012	Primary	0.18	1200	0.078	420	0.015	60	0.24	970	< 0.0025	< 10	< 0.0039	< 10	0.0021	8.3	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	0.0031	9.9	0.5182	2668.2
		12/10/2012	Primary	0.61	4100	0.21	1100	0.035	140	0.4 J	2000 J	< 0.0062	< 25	< 0.0098	< 25	< 0.005	< 20	< 0.0054	< 25	< 0.005	< 30	< 0.005	< 20	< 0.0075	< 24	1.255	7340
		3/20/2013	Primary	0.13	880	0.22	1200	0.044	170	0.28	1100	< 0.012	< 49	< 0.02	< 50	< 0.01	< 40	< 0.011	< 51	< 0.01	< 60	< 0.01	< 40	< 0.015	< 48	0.674	3350
		6/26/2013	Primary	0.028	190	0.0051	27	< 0.002	< 7.9	0.0044	18	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.0375	235
		12/18/2013	Primary	0.23	1600	0.043	230	0.0085	34	0.045	180	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.3265	2044
		3/26/2015	Primary	0.0025	17	0.0031	17	0.0029	12	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.0085	46
		9/22/2015	Primary	0.053	360	0.043	230	< 0.004	< 16	0.012	49	< 0.005	< 20	< 0.0078	< 20	< 0.004	< 16	< 0.0044	< 20	< 0.004	< 24	< 0.004	< 16	< 0.006	< 19	0.108	639
		12/16/2015	Primary	0.0031	21	< 0.002	< 11	< 0.002	< 7.9	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.0031	21
		4/20/2016	Primary	0.0048	33	0.016	86	0.005	20	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.0258	139
		8/29/2016	Primary	0.017	120	0.018	97	0.0072	29	0.0025	10	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.0447	256
		3/14/2017	Primary	0.019	130	0.013	70	0.0038	15	0.00099	4.0	< 0.00062	< 2.5	< 0.00098	< 2.5	< 0.0005	< 2.0	< 0.00055	< 2.5	< 0.0005	< 3.0	0.0011	4.4	< 0.00075	< 2.4	0.03789	223.4
		6/28/2017	Primary	0.016	110	0.012	65	0.003	12	0.00087	3.5	< 0.00062	< 2.5	< 0.00098	< 2.5	< 0.0005	< 2.0	< 0.00055	< 2.5	< 0.0005	< 3.0	0.0013	5.2	< 0.00075	< 2.4	0.03317	195.7
		9/27/2017	Primary	0.041	280	0.019	100	< 0.01	< 40	< 0.01	< 40	< 0.012	< 49	< 0.02	< 50	< 0.01	< 40	< 0.011	< 51	< 0.01	< 60	< 0.01	< 40	< 0.015	< 48	0.06	380
		12/11/2017	Primary	0.002	14	0.0038	20	0.0033	13	< 0.0005	< 2.0	< 0.00062	< 2.5	< 0.00098	< 2.5	< 0.0005	< 2.0	< 0.00055	< 2.5	< 0.0005	< 3.0	0.00083	3.3	< 0.00075 J	< 2.4 J	0.00993	50.3
VP-15A	10-10.5	9/21/2011	Primary	0.018	120	0.15	810	0.076	300	0.022	89	< 0.0025	< 10	< 0.0039	< 10	0.013	52	< 0.0022	< 10	< 0.002	< 12	0.0043	17	< 0.003	< 9.6	0.2833	1388
		12/5/2011	Primary	0.011	75	0.058	310	< 0.002	< 7.9	0.0037	15	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.0727	400
		3/29/2012	Primary	0.0053	36	0.0056	30	0.0058	23	0.003	12	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.0197	101
		6/6/2012	Primary	0.0035	24	< 0.002	< 11	< 0.002	< 7.9	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.0035	24
		9/19/2012	Primary	0.0047	32	< 0.002	< 11	< 0.002	< 7.9	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.0047	32
		12/12/2012	Primary	< 0.002	< 14	0.042	230	0.018	71	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.06	301
		3/20/2013	Primary	0.016	110	0.034	180	< 0.002	< 7.9	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.05	290
		6/25/2013	Primary	< 0.002	< 14	< 0.002	< 11	< 0.002	< 7.9	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	ND	ND
		12/19/2013	Primary	< 0.002	< 14	< 0.002	< 11	< 0.002	< 7.9	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	ND	ND
		3/26/2015	Primary	< 0.002	< 14	0.0043	23	0.0033	13	0.0054	22	< 0.0025	< 10	< 0.0039	< 10	0.0023 J	9.1 J	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.0153	67.1
		9/22/2015	Primary	0.0016	11	< 0.001	< 5.4	< 0.001	< 4.0	< 0.001	< 4.1	< 0.0012	< 4.9	< 0.002	< 5.1	< 0.001	< 4.0	< 0.0011	< 5.1	< 0.001	< 6.0	< 0.001	< 4.0	< 0.0015	< 4.8	0.0016	11
		4/19/2016	Primary	0.00052	3.5	0.0085 J	46 J	0.00052 J	2.1 J	0.00056	2.3	< 0.00062	< 2.5	< 0.00098	< 2.5	< 0.0005	< 2.0	< 0.00055	< 2.5	< 0.0005	< 3.0	< 0.0005	< 2.0	< 0.00075	< 2.4	0.0101	53.9
		6/27/2016	Primary	0.0019	13	0.15	810	0.018	71	0.0022	8.9	0.015	61	< 0.00098	< 2.5	< 0.0005	< 2.0	< 0.00055	< 2.5	< 0.0005	< 3.0	< 0.0005	< 2.0	< 0.00075	< 2.4	0.1871	963.9
		7/29/2016	Primary	< 0.001	< 7	0.011	59	< 0.001	< 4	< 0.001	< 4	< 0.0012	< 4.9	< 0.002	< 5	< 0.001	< 4	< 0.0011	< 5.1	< 0.001	< 6	< 0.001	< 4	< 0.0015	< 4.8	0.011	59
		12/27/2016	Primary	< 0.0005	< 3.4	0.0011	5.9	0.0043	17	0.0009	3.6	< 0.00062	< 2.5	< 0.00098	< 2.5	< 0.0005	< 2.0	< 0.00055	< 2.5	< 0.0005	< 3.0	< 0.0005	< 2.0	< 0.00075	< 2.4	0.0063	26.5
		3/14/2017	Primary	0.0014	9.5	0.16	860	0.014	56	0.0025	10	< 0.00062	< 2.5	< 0.00098	< 2.5	< 0.0005	< 2.0	< 0.00055	< 2.5	< 0.0005	< 3.0	0.00058	2.3	< 0.00075	< 2.4	0.17848	937.8
		6/28/2017	Primary	0.00068	4.6	0.0027	15	0.00057	2.3	< 0.0005	< 2.0	< 0.00062	< 2.5	< 0.00098	< 2.5	< 0.0005	< 2.0	< 0.00055	< 2.5	< 0.0005	< 3.0	< 0.0005	< 2.0	< 0.00075	< 2.4	0.00395	21.9
		9/27/2017	Primary	0.0074	50	0.018	97	0.0027	11	0.0011	4.5	< 0.00062	< 2.5	< 0.00098	< 2.5	< 0.0005	< 2.0	< 0.00055	< 2.5	< 0.0005	< 3.0	< 0.0005	< 2.0	< 0.00075	< 2.4	0.0292	162.5
		12/11/2017	Primary	0.0034	23	< 0.002	< 11	< 0.002	< 7.9	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003 J	< 9.6 J	0.0034	23
VP-15B	20-20.5	9/21/2011	Primary	0.038	260	0.2 J	1000 J	0.096 J	380 J	0.023 J	93 J	< 0.0062	< 25	< 0.0098	< 25	0.018 J	71 J	< 0.0054	< 25	< 0.005	< 30	0.005	20	< 0.0075	< 24	0.38	1824
		9/21/2011	Duplicate	0.035	240	0.5 J	3000 J	0.2 J	800 J	0.052 J	210 J	< 0.012	< 49	< 0.02	< 50	0.025 J	99 J	< 0.011	< 51	< 0.01	< 60.4	< 0.01	< 39.7	< 0.015	< 48	0.812	4349
		12/5/2011	Primary	0.012	82	0.052	280	< 0.002	< 7.9	0.0035	14	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.0675	376
		3/29/2012	Primary	0.0072	49	0.0073	39	< 0.002	< 7.9	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.0145	88
		6/6/2012	Primary	< 0.002	< 14	< 0.002	< 11	< 0.002	< 7.9	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	ND	ND
		9/19/2012	Primary	0.0037	25	< 0.002	< 11	< 0.002	< 7.9	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.0037	25
		12/12/2012	Primary	< 0.002	< 14	0.0077	41	0.0031	12	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.0108	53
		3/20/2013	Primary	0.017	120	0.035	190	< 0.002	< 7.9	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.052	310
		6/25/2013	Primary	0.0025	17	< 0.002	< 11	< 0.002	< 7.9	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.0025	17
		12/19/2013	Primary	< 0.002	< 14	< 0.002	< 11	< 0.002	< 7.9	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	ND	ND
		3/26/2015	Primary	< 0.002	< 14	0.0042	23	0.0023	9.1	0.0061	25	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.0126	57.1
		9/22/2015	Primary	0.0018	12	0.0015	8.1	< 0.001	< 4.0	< 0.001	< 4.1	< 0.0012	< 4.9	< 0.002	< 5.1	< 0.001	< 4.0	< 0.0011	< 5.1	< 0.001	< 6.0	< 0.001	< 4.0	< 0.0015	< 4.8	0.0033	20.1
		4/19/2016	Primary	< 0.0005	< 3.4	0.0028 J	15 J	< 0.0005 J	< 2.0 J	< 0.0005	< 2.0	< 0.00062	< 2.5	< 0.00098	< 2.5	< 0.0005	< 2.0	< 0.00055	< 2.5	< 0.0005	< 3.0	< 0.0005	< 2.0	0.00075	2.4	0.00355	17.4
		6/27/2016	Primary	0.0015	10	0.14	750	0.018	71	0.0038	15	< 0.00062	< 2.5	< 0.00098	< 2.5	< 0.0005	< 2.0	< 0.00055	< 2.5	< 0.0005	< 3.0	< 0.0005	< 2.0	< 0.00075	< 2.4	0.1633	846
		8/15/2016	Primary	0.0015	10	0.32	1700	0.076	300	0.011	45	< 0.00062	< 2.5	< 0.00098	< 2.5	< 0.0005	< 2.0	< 0.00055	< 2.5	< 0.0005	< 3.0	0.0014	5.6	0.0012	3.8	0.4111	2064.4
		12/27/2016	Primary	< 0.0005	< 3.4	0.00099	5.3	0.0029	12	0.00061	2.5	< 0.00062	< 2.5	< 0.00098	< 2.5	< 0.0005	< 2.0	< 0.00055	< 2.5	< 0.0005	< 3.0	< 0.0005	< 2.0	< 0.00075	< 2.4	0.0045	19.8
		3/14/2017	Primary	0.0029	20	0.25	1300	0.022	87	0.0041	17	< 0.00062	< 2.5	< 0.00098	< 2.5	< 0.0005	< 2.0	< 0.00055	< 2.5	< 0.0005	< 3.0	0.00078	3.1	< 0.00075	< 2.4	0.27978	1427.1
		6/28/2017	Primary	0.00072	4.9	0.0033	18	0.00082	3.3	0.00052	2.1	< 0.00062	< 2.5	< 0.00098	< 2.5	< 0.0005	< 2.0	< 0.00055	< 2.5	< 0.0005	< 3.0	< 0.0005	< 2.0	< 0.00075	< 2.4	0.00536	28.3
		9/27/2017	Primary	0.0039	26	0.024	130	0.0039	15	0.0012	4.9	< 0.00062	< 2.5	< 0.00098	< 2.5	< 0.0005	< 2.0	< 0.00055	< 2.5	< 0.0005	< 3.0	< 0.0005	< 2.0	< 0.00075	< 2.4	0.033	175.9
		12/11/2017	Primary	0.0011	7.5	0.00088	4.7	0.0005	2.0	< 0.0005	< 2.0	< 0.00062	< 2.5	< 0.00098	< 2.5	< 0.0005	< 2.0	< 0.00055	< 2.5	< 0.0005	< 3.0	0.0011	4.4	0.00081 J	2.6 J	0.00439	21.2
VP-15C	29.5-30	9/21/2011	Primary	0.0065	44	0.095	510	0.063	250	0.015	61	< 0.0025	< 10	< 0.0039	< 10	0.0078	31	< 0.0022	< 10	< 0.002	< 12	0.0025	9.9	< 0.003	< 9.6	0.1898	905.9
		12/5/2011	Primary	0.011	75	0.056	300	0.0023	9.1	0.0047	19	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.074	403.1
		12/5/2011	Duplicate	0.011	75	0.056	300	0.0023	9.1	0.0042	17	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.0735	401.1
		3/29/2012	Primary	0.0071	48	0.014	75	< 0.002	< 7.9	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.0211	123

TABLE V
ANALYTICAL RESULTS FOR CHEMICALS OF CONCERN IN SOIL VAPOR
COOPER DRUM COMPANY SUPERFUND SITE
SOUTH GATE, CALIFORNIA

Well ID	Screen Interval (ft bgs)	Sample Date	Sample Type	PCE		TCE		cDCE		1,1-DCA		1,2-DCA		VC		1,1-DCE		1,2-DCP		1,2,3-TCP		tDCE		Benzene		Total COCs	
				ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³
VP-15C	29.5-30	6/6/2012	Primary	**0.0052**	**35**	< 0.002	< 11	< 0.002	< 7.9	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	**0.0052**	**35**
		9/19/2012	Primary	**0.0053**	**36**	< 0.002	< 11	< 0.002	< 7.9	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	**0.0053**	**36**
		12/12/2012	Primary	< 0.002	< 14	**0.0079 J**	**43 J**	< 0.002	< 7.9	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	**0.0079**	**43**
		12/12/2012	Duplicate	< 0.002	< 14	**0.011 J**	**59 J**	**0.0022**	**8.7**	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	**0.0132**	**67.7**
		3/20/2013	Primary	**0.019**	**130**	**0.037**	**200**	< 0.002	< 7.9	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	**0.056**	**330**
		6/25/2013	Primary	**0.0022**	**15**	< 0.002	< 11	< 0.002	< 7.9	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	**0.0022**	**15**
		12/19/2013	Primary	< 0.002	< 14	< 0.002	< 11	< 0.002	< 7.9	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	ND	ND
		3/26/2015	Primary	< 0.002	< 14	**0.0028**	**15**	< 0.002	< 7.9	**0.0041**	**17**	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.0069	32
		9/22/2015	Primary	**0.0021**	**14**	**0.0019**	**10**	< 0.001	< 4.0	< 0.001	< 4.1	< 0.0012	< 4.9	< 0.002	< 5.1	< 0.001	< 4.0	< 0.0011	< 5.1	< 0.001	< 6.0	< 0.001	< 4.0	< 0.0015	< 4.8	**0.004**	**24**
		4/19/2016	Primary	< 0.001	< 6.8	**0.0061 J**	**33 J**	< 0.001 J	< 4.0 J	< 0.001	< 4.1	< 0.0012	< 4.9	< 0.002	< 5.1	< 0.001	< 4.0	< 0.0011	< 5.1	< 0.001	< 6.0	< 0.001	< 4.0	< 0.0015	< 4.8	**0.0061**	**33**
		6/13/2016	Primary	**0.0015**	**10**	**0.27**	**1500**	**0.04**	**200**	**0.0045**	**18**	< 0.0012	< 4.9	< 0.002	< 5.1	< 0.001	< 4.0	< 0.0011	< 5.1	< 0.001	< 6.0	**0.0012**	**4.8**	< 0.0015	< 4.8	**0.3172**	**1732.8**
		6/27/2016	Primary	**0.0022**	**15**	**0.39**	**2100**	**0.096**	**380**	**0.012**	**49**	< 0.0012	< 4.9	< 0.002	< 5.1	**0.0014**	**5.6**	< 0.0011	< 5.1	< 0.001	< 6.0	**0.0024**	**9.5**	< 0.0015	< 4.8	**0.504**	**2559.1**
		9/12/2016	Primary	**0.002**	**14**	**0.7**	**4000**	**0.29**	**1200**	**0.053**	**210**	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	**0.0086**	**34**	< 0.003	< 9.6	**1.0536**	**5458**
		12/27/2016	Primary	< 0.0005	< 3.4	**0.00088**	**4.7**	**0.0019**	**7.5**	< 0.0005	< 2.0	< 0.00062	< 2.5	< 0.00098	< 2.5	< 0.0005	< 2.0	< 0.00055	< 2.5	< 0.0005	< 3.0	< 0.0005	< 2.0	< 0.00075	< 2.4	**0.00278**	**12.2**
		3/14/2017	Primary	**0.0042**	**29**	**0.66**	**3600**	**0.12**	**480**	**0.013**	**53**	< 0.00062	< 2.5	**0.0012**	**3.1**	**0.0024**	**9.5**	< 0.00055	< 2.5	< 0.0005	< 3.0	**0.0044**	**17**	**0.00084**	**2.7**	**0.80604**	**4194.3**
		6/28/2017	Primary	< 0.002	< 14	**0.054**	**290**	**0.014**	**56**	**0.0027**	**11**	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	**0.0707**	**357**
		9/27/2017	Primary	**0.0087**	**59**	**0.12**	**650**	**0.038**	**150**	**0.0046**	**19**	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	**0.1713**	**878**
		12/11/2017	Primary	**0.015**	**100**	**0.0046**	**25**	**0.0015**	**6.0**	**0.0018**	**7.3**	< 0.00062	< 2.5	< 0.00098	< 2.5	< 0.0005	< 2.0	< 0.00055	< 2.5	< 0.0005	< 3.0	< 0.0005	< 2.0	< 0.00075 J	< 2.4 J	**0.0229**	**138.3**
VP-15D	34.5-35	9/21/2011	Primary	**0.025**	**170**	**0.39**	**2100**	**0.14**	**560**	**0.037**	**150**	< 0.0062	< 25	< 0.0098	< 25	**0.023**	**91**	< 0.0054	< 25	< 0.005	< 30	**0.0063**	**25**	< 0.0075	< 24	**0.6213**	**3096**
		12/5/2011	Primary	**0.01**	**70**	**0.06**	**300**	**0.0025**	**9.9**	**0.0059**	**24**	< 0.0025	< 10	< 0.0039	< 10	**0.0023**	**9.1**	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	**0.0807**	**413**
		3/29/2012	Primary	**0.0065**	**44**	**0.014**	**75**	< 0.002	< 7.9	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	**0.0205**	**119**
		3/29/2012	Duplicate	**0.008**	**54**	**0.014**	**75**	< 0.002	< 7.9	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	**0.022**	**129**
		6/6/2012	Primary	< 0.002	< 14	< 0.002	< 11	< 0.002	< 7.9	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	ND	ND
		9/19/2012	Primary	< 0.002	< 14	< 0.002	< 11	< 0.002	< 7.9	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	ND	ND
		12/12/2012	Primary	< 0.002	< 14	< 0.002	< 11	< 0.002	< 7.9	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	ND	ND
		3/20/2013	Primary	**0.018**	**120**	**0.034**	**180**	< 0.002	< 7.9	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	**0.052**	**300**
		6/25/2013	Primary	**0.0025**	**17**	< 0.002	< 11	< 0.002	< 7.9	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	**0.0025**	**17**
		12/19/2013	Primary	< 0.002	< 14	< 0.002	< 11	< 0.002	< 7.9	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	ND	ND
		3/26/2015	Primary	< 0.002	< 14	**0.0052**	**28**	**0.0024**	**9.5**	**0.007**	**28**	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 12	< 0.002	< 7.9	< 0.003	< 9.6	0.0146	65.5
		9/22/2015	Primary	**0.0015**	**10**	**0.0015**	**8.1**	< 0.001	< 4.0	< 0.001	< 4.1	< 0.0012	< 4.9	< 0.002	< 5.1	< 0.001	< 4.0	< 0.0011	< 5.1	< 0.001	< 6.0	< 0.001	< 4.0	< 0.0015	< 4.8	**0.003**	**18.1**
		4/19/2016	Primary	< 0.001	< 6.8	**0.0088 J**	**47 J**	< 0.001 J	< 4.0 J	< 0.001	< 4.1	< 0.0012	< 4.9	< 0.002	< 5.1	< 0.001	< 4.0	< 0.0011	< 5.1	< 0.001	< 6.0	< 0.001	< 4.0	< 0.0015	< 4.8	**0.0088**	**47**
		12/27/2016	Primary	< 0.0005	< 3.4	**0.0014**	**7.5**	**0.0031**	**12**	**0.00074**	**3.0**	< 0.00062	< 2.5	< 0.00098	< 2.5	< 0.0005	< 2.0	< 0.00055	< 2.5	< 0.0005	< 3.0	< 0.0005	< 2.0	< 0.00075	< 2.4	**0.00524**	**22.5**
		3/14/2017	Primary	**0.0071**	**48**	**0.82**	**4400**	**0.2**	**800**	**0.019**	**77**	< 0.00062	< 2.5	**0.0018**	**4.6**	**0.0039**	**15**	< 0.00055	< 2.5	< 0.0005	< 3.0	**0.0067**	**27**	< 0.00075	< 2.4	**1.0585**	**5371.6**
		6/28/2017	Primary	< 0.004	< 27	**0.1**	**500**	**0.032**	**130**	**0.0045**	**18**	< 0.005	< 20	< 0.0078	< 20	< 0.004	< 16	< 0.0044	< 20	< 0.004	< 24	< 0.004	< 16	< 0.006	< 19	**0.1365**	**648**
		9/27/2017	Primary	**0.0082**	**56**	**0.1**	**500**	**0.032**	**130**	**0.0096**	**39**	< 0.00062	< 2.5	< 0.00098	< 2.5	**0.00061**	**2.4**	< 0.00055	< 2.5	< 0.0005	< 3.0	**0.0035**	**14**	**0.00076**	**2.4**	**0.15467**	**743.8**
		12/11/2017	Primary	**0.0097**	**66**	**0.012**	**65**	< 0.004	< 16	< 0.004	< 16	< 0.005	< 20	< 0.0078	< 20	< 0.004	< 16	< 0.0044	< 20	< 0.004	< 24	< 0.004	< 16	< 0.006 J	< 19 J	**0.0217**	**131**

Notes:

1. Results are reported in parts per million by volume (ppmv) and converted to µg/m³. The laboratory provides electronic data deliverables in units of ppbv only. Conversion from ppbv to µg/m3 using the same temperature, gas constant and molecular weights provided by the laboratory. A slight discrepancy may occur between this table and the laboratory report due to rounding of significant figures.
2. Samples were analyzed for volatile organic compounds (VOCs) using Environmental Protection Agency (EPA) Method 8260B during February 2011 sampling events and using EPA Method TO-15 thereafter.
3. Concentrations detected above laboratory reporting limits are shown in **BOLD** font.

Abbreviations:

ppmV = parts per million by volume
µg/m³: micrograms per cubic meter.
< = not detected at or above the laboratory reporting limit shown
COCs = constituents of concern
ft bgs = feet below ground suface

J = The J qualifier indicates that the associated result is quantitatively uncertain. J qualifiers added during validation indicate a data limitation related to a quality control element that exceeds required acceptance limits.
R = The R qualifier indicates that a result has been rejected due to serious QC problems. It is not possible to definitively determine whether the analyte is present or absent in the sample.
U = The U qualifier indicates that the associated analyte is considered not detected at or greater than the concentration listed. U qualifiers added during validation are typically a result of detection of target analytes in laboratory or rinsate blanks.
UJ = The reporting limit is estimated. UJ qualifiers added during validation may indicate either a high or low bias related to a quality control element that exceeds required acceptance limits.

PCE = Tetrachloroethene
TCE = Trichloroethene
cDCE = cis-1,2-Dichloroethene
1,1-DCA = 1,1-Dichloroethane
1,2-DCA = 1,2-Dichloroethane
VC = Vinyl chloride
1,1-DCE = 1,1-Dichloroethene
1,2-DCP = 1,2-Dichloropropane
1,2,3-TCP = 1,2,3-Trichloropropane
tDCE = trans-1,2-Dichloroethene

TABLE VI

ANALYTICAL RESULTS FOR CHEMICALS OF CONCERN IN SOIL VAPOR TREATMENT SYSTEM SAMPLES
COOPER DRUM SUPERFUND SITE
SOUTH GATE, CALIFORNIA

Location	Sample Date	PCE		TCE		1,2,3-TCP		cis-1,2-DCE		1,1-DCA		1,2-DCA		VC		1,1-DCE		1,2-DCP		trans-1,2-DCE		Benzene		TNMOC as Hexane		Total COCs	
		ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m3
VINF	2/23/2011	14	95000	5.3	29000	< 0.83	< 5000	11	44000	4.7	19000	< 1.2	< 4900	2.6	6700	< 1.3	< 5200	< 1.1	< 5100	< 1.3	< 5200	< 1.6	< 5100	NT	NT	37.6	193700
	3/22/2011	8.4	57000	2.8	15000	< 0.83	< 5000	6.3	25000	1.7	6900	< 1.2	< 4900	< 2	< 5100	< 1.3	< 5200	< 1.1	< 5100	< 1.3	< 5200	< 1.6	< 5100	NT	NT	19.2	103900
	4/12/2011	4	30000	0.89	4800	< 0.067	< 400	2.1	8300	0.62	2500	< 0.1	< 400	0.092 J	240 J	< 0.067	< 270	< 0.1	< 500	< 0.067	< 270	0.056 J	180 J	NT	NT	7.758	46020
	4/27/2011	3.5	24000	0.89	4800	< 0.067	< 400	2.6	10000	0.44	1800	< 0.1	< 400	< 0.13	< 330	< 0.067	< 270	< 0.1	< 500	0.051 J	200 J	0.052 J	170 J	37	130000	44.533	170970
	5/17/2011	2.5	17000	0.43	2300	< 0.04	< 200	0.75	3000	0.2	800	< 0.06	< 200	< 0.08	< 200	< 0.04	< 200	< 0.06	< 300	< 0.04	< 200	< 0.06	< 200	22	77000	25.88	100100
	6/7/2011	3.4	23000	0.58	3100	< 0.046	< 280	0.84	3300	0.19	770	< 0.046	< 190	0.047	120	< 0.046	< 180	< 0.057	< 260	< 0.046	< 180	0.028 J	90 J	31	110000	36.085	140380
	6/21/2011	3.5	24000	0.43	2300	< 0.1	< 600	0.8	3000	0.21	850	< 0.1	< 400	< 0.1	< 300	< 0.1	< 400	< 0.12	< 560	< 0.1	< 400	< 0.1	< 300	36	130000	40.94	160150
	7/19/2011	9.2	63000	0.55	3000	< 0.067	< 400	0.13	520	0.37	1500	< 0.067	< 270	< 0.067	< 170	< 0.067	< 270	< 0.083	< 380	< 0.067	< 270	< 0.067	< 210	69	240000	79.25	308020
	8/23/2011	< 0.04	< 300	0.35	1900	< 0.04	< 200	0.51	2000	0.1	400	< 0.04	< 200	0.028 J	72 J	< 0.04	< 200	< 0.05	< 200	< 0.04	< 200	< 0.04	< 100	91	320000	91.988	324372
	9/20/2011	0.52	3500	0.14	750	< 0.008	< 48	0.11	440	0.035	140	< 0.008	< 32	< 0.008	< 20	< 0.008	< 32	< 0.01	< 50	0.0059 J	23 J	< 0.008	< 26	3.2	11000	4.0109	15853
	9/21/2011	0.38	2600	0.086	460	< 0.01	< 60.4	0.05	200	0.021	85	< 0.012	< 49	< 0.02	< 50	< 0.01	< 39.7	< 0.011	< 51	< 0.01	< 39.7	< 0.015	< 48	NT	NT	0.537	3345
	10/11/2011	1	7000	0.15	810	< 0.04	< 200	0.06	200	< 0.04	< 200	< 0.04	< 200	< 0.04	< 100	< 0.04	< 200	< 0.05	< 200	< 0.04	< 200	< 0.04	< 100	6.9	24000	8.11	32010
	1/13/2012	0.53	3600	0.097	520	< 0.004	< 24	0.038	150	0.028	110	< 0.004	< 16	0.035	90	0.0033 J	13 J	< 0.005	< 23	0.0033 J	13 J	0.0026 J	8.3 J	2.4	8500	3.1372	13004.3
	2/21/2012	0.66	4500	0.093	500	< 0.02	< 100	0.084	330	0.041	170	< 0.02	< 80	0.016 J	41 J	< 0.02	< 80	< 0.025	< 120	< 0.02	< 80	< 0.02	< 60	< 2.5	< 8800	0.894	5541
	3/27/2012	1.5	10000	0.12	650	< 0.05	< 300	0.044 J	170 J	0.027 J	110 J	< 0.05	< 200	< 0.05	< 100	< 0.05	< 200	< 0.063	< 290	< 0.05	< 200	< 0.05	< 200	< 6.3	< 22000	1.691	10930
	4/24/2012	1.1	7500	0.12	650	< 0.02	< 100	0.043	170	0.028	110	< 0.02	< 80	< 0.02	< 50	< 0.02	< 80	< 0.025	< 120	< 0.02	< 80	< 0.02	< 60	1.8 J	6300 J	3.091	14730
	5/22/2012	2	10000	0.19	1000	< 0.08	< 500	0.19	750	0.067 J	270 J	< 0.08	< 300	< 0.08	< 200	< 0.08	< 300	< 0.1	< 500	< 0.08	< 300	< 0.08	< 300	8.6 J	30000 J	11.047	42020
	6/12/2012	2.1	14000	0.28	1500	< 0.067	< 400	0.31	1200	0.097	390	< 0.067	< 270	< 0.067	< 170	0.078	310	< 0.084	< 390	< 0.067	< 270	0.7	2000	16	56000	19.565	75400
	7/20/2012	8.4	57000	0.58	3100	< 0.14	< 850	0.11 J	440 J	0.078 J	320 J	< 0.14	< 570	< 0.14	< 360	0.17	670	< 0.18	< 830	< 0.14	< 560	2.3	7400	< 71	< 250000	11.638	68930
	8/7/2012	5.4	37000	0.67	3600	< 0.13	< 780	0.068 J	270 J	< 0.13	< 530	< 0.13	< 530	< 0.13	< 330	< 0.13	< 520	< 0.17	< 790	< 0.13	< 520	1.3	4200	< 67	< 240000	7.438	45070
	9/7/2012	5.3	36000	0.33	1800	< 0.25	< 1500	< 0.25	< 990	< 0.25	< 1000	< 0.25	< 1000	< 0.25	< 640	< 0.25	< 990	< 0.31	< 1400	< 0.25	< 990	1.5	4800	< 130	< 460000	7.13	42600
	10/16/2012	2	10000	0.68	3700	< 0.05	< 300	0.11	440	0.043 J	170 J	< 0.05	< 200	< 0.05	< 100	< 0.05	< 200	< 0.063	< 290	< 0.05	< 200	1.2	3800	< 25	< 88000	4.033	18110
	12/14/2012	0.49	3300	0.45	2400	< 0.049	< 300	0.086	340	< 0.049	< 200	< 0.049	< 200	< 0.049	< 130	< 0.049	< 190	< 0.12	< 560	< 0.049	< 190	0.47	1500	< 25	< 88000	1.496	7540
	5/24/2017	0.75	5100	0.054	290	< 0.004	< 24	0.022	87	0.015	61	< 0.005	< 20	< 0.0078	< 20	< 0.004	< 16	< 0.0044	< 20	0.0042	17	< 0.006	< 19	NT	NT	0.8452	5555
VGACI	2/23/2011	< 0.74	< 5000	< 0.93	< 5000	< 0.83	< 5000	< 1.3	< 5200	< 1.2	< 4900	< 1.2	< 4900	< 2	< 5100	< 1.3	< 5200	< 1.1	< 5100	< 1.3	< 5200	< 1.6	< 5100	NT	NT	ND	ND
	3/22/2011	< 0.74	< 5000	< 0.93	< 5000	< 0.83	< 5000	< 1.3	< 5200	< 1.2	< 4900	< 1.2	< 4900	< 2	< 5100	< 1.3	< 5200	< 1.1	< 5100	< 1.3	< 5200	< 1.6	< 5100	NT	NT	ND	ND
	4/12/2011	0.024	160	0.055	300	< 0.0033	< 20	0.31	1200	0.09	400	< 0.005	< 20	0.092 J	240 J	0.028	110	< 0.005	< 23	0.023	91	< 0.005	< 16	NT	NT	0.622	2501
	4/27/2011	0.039	260	0.066	360	< 0.002	< 12	< 0.002	< 7.9	0.11	450	0.0032	13	0.036	92	0.024	95	< 0.003	< 14	0.029	120	0.0038	12	< 2.1	< 7400	0.311	1402
	5/17/2011	0.011	75	0.017	91	< 0.002	< 12	0.11	440	0.045	180	< 0.003	< 12	0.0076	19	< 0.002	< 7.9	< 0.003	< 14	0.0033	13	0.0021 J	6.7 J	< 0.61	< 2100	0.196	824.7
	6/7/2011	0.04	300	0.05	300	< 0.004	< 24	0.19	750	0.067	270	< 0.004	< 16	0.076	190	0.015	60	< 0.005	< 23	0.023	91	0.0048	15	3.4	12000	3.8658	13976
	7/19/2011	0.013	88	0.011	59	< 0.004	< 24	0.048	190	< 0.004	< 16	0.0021 J	8.5 J	0.069	180	0.0073	29	< 0.005	< 23	0.0094	37	< 0.004	< 13	2.1	7400	2.2598	7991.5
	8/23/2011	< 0.01	< 70	0.23	1200	< 0.01	< 60	0.51	2000	0.092	370	< 0.01	< 40	0.036	92	< 0.01	< 40	< 0.012	< 56	< 0.01	< 40	0.0069 J	22 J	6.6	23000	7.4749	26684
	9/20/2011	0.023	160	< 0.004	< 22	< 0.004	< 24	< 0.004	< 16	< 0.004	< 16	< 0.004	< 16	< 0.004	< 10	< 0.004	< 16	< 0.005	< 23	< 0.004	< 16	< 0.004	< 13	0.89	3100	0.913	3260
	10/11/2011	0.0054	37	0.002 J	11 J	< 0.004	< 24	< 0.004	< 16	< 0.004	< 16	0.0021 J	8.5 J	< 0.004	< 10	< 0.004	< 16	< 0.005	< 23	< 0.004	< 16	< 0.004	< 13	1.3	4600	1.3095	4656.5
	1/13/2012	0.0061	41	< 0.004	< 22	< 0.004	< 24	< 0.004	< 16	< 0.004	< 16	< 0.004	< 16	< 0.004	< 10	< 0.004	< 16	< 0.005	< 23	< 0.004	< 16	0.009	29	< 0.5	< 2000	0.0151	70
	2/21/2012	0.45	3100	0.098	530	< 0.008	< 48	0.1	400	0.05	200	< 0.008	< 32	0.02	50	< 0.008	< 32	< 0.01	< 50	0.0046 J	18 J	< 0.008	< 26	0.79 J	2800 J	1.5126	7098
	3/27/2012	0.38	2600	0.079	430	< 0.01	< 60	0.054	210	0.033	130	< 0.01	< 40	< 0.01	< 30	< 0.01	< 40	< 0.013	< 60	< 0.01	< 40	< 0.01	< 30	0.96 J	3400 J	1.506	6770
	4/24/2012	0.36	2400	0.067	360	< 0.0067	< 40	0.045	180	0.03	100	< 0.0067	< 27	0.0065 J	17 J	< 0.0067	< 27	< 0.0084	< 39	0.0036 J	14 J	< 0.0067	< 21	0.89	3100	1.4021	6171
	5/22/2012	0.63	4300	0.16	860	< 0.02	< 100	0.17	670	0.072	290	< 0.02	< 80	< 0.02	< 50	< 0.02	< 80	< 0.025	< 120	< 0.02	< 80	< 0.02	< 60	7.6	27000	8.632	33120
	6/12/2012	1.2	8200	0.29	1600	< 0.05	< 300	0.35	1400	0.096	390	< 0.05	< 200	< 0.05	< 100	0.068	270	< 0.063	< 290	< 0.05	< 200	0.79	2500	19	67000	21.794	81360
	7/20/2012	0.68	4600	0.25	1300	< 0.01	< 60	0.1	400	0.078	320	< 0.01	< 40	0.043	110	0.12	480	< 0.013	< 60	0.0076 J	30 J	2	6000	7.4	26000	10.6786	39240
	8/7/2012	0.36	2400	0.19	1000	< 0.0067	< 40	0.039	150	0.028	110	< 0.0067	< 27	0.026	67	0.031	120	< 0.0084	< 39	0.0034 J	13 J	0.84	2700	1.7 J	6000 J	3.2174	12560
	9/7/2012	0.68	4600	0.13	700	< 0.022	< 130	0.19	750	0.076	310	< 0.022	< 89	< 0.022	< 56	0.032	130	< 0.028	< 130	< 0.022	< 87	1.8	5800	< 11	< 39000	2.908	12290
	10/16/2012	0.66	4500	0.81	4400	< 0.02	< 100	0.13	520	0.04	200	< 0.02	< 80	0.044	110	0.021	83	< 0.025	< 120	< 0.02	< 80	0.92	2900	< 10	< 40000	2.625	12713
	12/14/2012	0.56	3800	0.52	2800	< 0.049	< 300	0.11	440	< 0.049	< 200	< 0.049	< 200	< 0.049	< 130	< 0.049	< 190	< 0.12	< 560	< 0.049	< 190	0.98	3100	< 24	< 85000	2.17	10140
	4/2/2013	0.41	2800	1.2	6500	< 0.1	< 600	0.19	750	< 0.1	< 400	< 0.12	< 490	< 0.2	< 500	< 0.1	< 400	< 0.11	< 510	< 0.1	< 400	0.84	2700	NT	NT	2.64	12750
	4/23/2013	0.47	3200	1.1	5900	< 0.06	< 400	0.18	710	0.064	260	< 0.074	< 300	< 0.12	< 310	< 0.06	< 200	< 0.065	< 300	< 0.06	< 200	0.14	450	13	46000	14.954	56520

TABLE VI

ANALYTICAL RESULTS FOR CHEMICALS OF CONCERN IN SOIL VAPOR TREATMENT SYSTEM SAMPLES

COOPER DRUM SUPERFUND SITE

SOUTH GATE, CALIFORNIA

Location	Sample Date	PCE		TCE		1,2,3-TCP		cis-1,2-DCE		1,1-DCA		1,2-DCA		VC		1,1-DCE		1,2-DCP		trans-1,2-DCE		Benzene		TNMOC as Hexane		Total COCs	
		ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m3
VGACI	5/21/2013	0.49	3300	1	5000	< 0.06	< 400	0.24	950	< 0.06	< 200	< 0.074	< 300	< 0.12	< 310	< 0.06	< 200	< 0.065	< 300	< 0.06	< 200	0.098	310	23	81000	24.828	90560
	6/26/2013	0.5	3000	0.87	4700	< 0.06	< 400	0.23	910	< 0.06	< 200	< 0.074	< 300	< 0.12	< 310	< 0.06	< 200	< 0.065	< 300	< 0.06	< 200	< 0.09	< 300	3.8	13000	5.4	21610
	7/30/2013	0.57	3900	0.83	4500	< 0.05	< 300	0.22	870	< 0.05	< 200	< 0.062	< 250	< 0.098	< 250	< 0.05	< 200	< 0.054	< 250	< 0.05	< 200	< 0.075	< 240	11	39000	12.62	48270
	9/12/2013	0.33	2200	0.79	4300	< 0.04	< 200	0.22	870	< 0.04	< 200	< 0.049	< 200	< 0.078	< 200	< 0.04	< 200	< 0.043	< 200	< 0.04	< 200	< 0.06	< 200	1.6	5600	2.94	12970
	9/24/2013	0.58	3900	0.8	4000	< 0.03	< 200	0.25	990	0.035	140	< 0.038	< 150	< 0.058	< 150	< 0.03	< 100	< 0.033	< 150	< 0.03	< 100	< 0.045	< 140	8.3	29000	9.965	38030
	10/29/2013	0.59	4000	2.1	11000	< 0.04	< 200	0.82	3300	0.064	260	< 0.05	< 200	< 0.078	< 200	< 0.04	< 200	< 0.044	< 200	< 0.04	< 200	< 0.06	< 200	14	49000	17.574	67560
	11/25/2013	0.36	2400	1.7	9100	< 0.04	< 200	1	4000	0.07	300	< 0.05	< 200	< 0.078	< 200	< 0.04	< 200	< 0.044	< 200	< 0.04	< 200	< 0.06	< 200	2.5	8800	5.63	24600
	12/16/2013	0.52	3500	2.1	11000	< 0.08	< 500	0.81	3200	< 0.08	< 300	< 0.1	< 400	< 0.16	< 410	< 0.08	< 300	< 0.088	< 410	< 0.08	< 300	< 0.12	< 380	9	30000	12.43	47700
	1/27/2014	0.22	1500	1.1	5900	< 0.04	< 200	0.46	1800	< 0.04	< 200	< 0.05	< 200	< 0.078	< 200	< 0.04	< 200	< 0.044	< 200	< 0.04	< 200	< 0.06	< 200	5.9	21000	7.68	30200
	2/24/2014	0.13	880	0.77	4100	< 0.04	< 200	0.29	1200	< 0.04	< 200	< 0.05	< 200	< 0.078	< 200	< 0.04	< 200	< 0.044	< 200	< 0.04	< 200	< 0.06	< 200	6	20000	7.19	26180
	3/24/2014	0.1	700	0.36	1900	< 0.03	< 200	0.13	520	< 0.03	< 100	< 0.038	< 150	< 0.058	< 150	< 0.03	< 100	< 0.033	< 150	< 0.03	< 100	< 0.045	< 140	< 3.7	< 13000	0.59	3120
	4/29/2014	0.06	400	0.15	810	< 0.002	< 12	0.092	370	0.01	40	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	0.0024	9.5	< 0.003	< 9.6	< 1.2	< 4200	0.3144	1629.5
	5/29/2014	0.098	670	0.64	3400	< 0.002	< 12	0.3	1000	0.021	85	< 0.0025	< 10	0.0075	19	0.0045	18	< 0.0022	< 10	0.0077	31	< 0.003	< 9.6	1.7	6000	2.7787	11223
	6/26/2014	0.13	880	0.41	2200	< 0.02	< 100	0.21	830	< 0.02	< 80	< 0.025	< 100	< 0.039	< 100	< 0.02	< 80	< 0.022	< 100	< 0.02	< 80	< 0.03	< 100	< 2.4	< 8500	0.75	3910
	7/29/2014	0.12	820	0.1	500	< 0.01	< 60	0.049	190	< 0.01	< 40	< 0.012	< 49	< 0.02	< 50	< 0.01	< 40	< 0.011	< 51	< 0.01	< 40	< 0.015	< 48	2.8	9900	3.069	11410
	9/22/2014	0.064	430	0.2	1000	< 0.005	< 30	0.1	400	0.0083	34	< 0.0062	< 25	< 0.0098	< 25	< 0.005	< 20	< 0.0055	< 25	< 0.005	< 20	< 0.0075	< 24	< 1.2	< 4200	0.3723	1864
	10/23/2014	0.12	820	0.25	1300	< 0.01	< 60	0.11	440	0.012	49	< 0.012	< 49	< 0.02	< 50	< 0.01	< 40	< 0.011	< 51	< 0.01	< 40	< 0.015	< 48	1.3	4600	1.792	7209
	11/24/2014	0.23	1600	0.54	2900	< 0.002	< 12	0.25	990	0.015	61	< 0.0025	< 10	0.0049	13	0.0026	10	< 0.0022	< 10	0.0051	20	< 0.003	< 9.6	1.3	4600	2.3476	10194
	12/10/2014	0.36	2400	1.9	10000	< 0.008	< 48	0.86	3400	0.052	210	< 0.01	< 40	0.023	59	0.013	52	< 0.0088	< 41	0.017	67	< 0.012	< 38	4.1	14000	7.325	30188
	1/20/2015	0.26	1800	0.73	3900	< 0.06	< 400	0.32	1300	< 0.06	< 200	< 0.075	< 300	< 0.12	< 310	< 0.06	< 200	< 0.066	< 310	< 0.06	< 200	< 0.09	< 300	2.2	7700	3.51	14700
	2/17/2015	0.2	1000	0.43	2300	< 0.03	< 200	0.25	990	< 0.03	< 100	< 0.038	< 150	< 0.058	< 150	< 0.03	< 100	< 0.033	< 150	< 0.03	< 100	< 0.045	< 140	1.5	5300	2.38	9590
	3/26/2015	0.14	950	0.4	2000	< 0.03	< 200	0.2	800	< 0.03	< 100	< 0.038	< 150	< 0.058	< 150	< 0.03	< 100	< 0.033	< 150	< 0.03	< 100	< 0.045	< 140	1.9	6700	2.64	10450
	4/30/2015	0.17	1200	0.091	490	< 0.01	< 60	0.053	210	< 0.01	< 40	< 0.012	< 49	< 0.02	< 50	< 0.01	< 40	< 0.011	< 51	< 0.01	< 40	< 0.015	< 48	< 1.2	< 4200	0.314	1900
	5/28/2015	0.078	530	0.047	250	< 0.002	< 12	0.019	75	0.0026	11	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 7.9	< 0.003	< 9.6	< 1.2	< 4200	0.1466	866
	6/16/2015	0.11	750	0.0079	43	< 0.005	< 30	< 0.005	< 20	< 0.005	< 20	< 0.0062	< 25	< 0.0098	< 25	< 0.005	< 20	< 0.0055	< 25	< 0.005	< 20	< 0.0075	< 24	< 1.2	< 4200	0.1179	793
	7/7/2015	0.038	260	0.0072	39	< 0.002	< 12	< 0.002	< 7.9	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 7.9	< 0.003	< 9.6	< 1.2	< 4200	0.0452	299
	8/26/2015	0.033	220	0.0097	52	< 0.002	< 12	0.0059	23	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 7.9	< 0.003	< 9.6	< 1.2	< 4200	0.0486	295
	9/16/2015	0.048	330	0.07	400	< 0.002	< 12	0.026	100	0.0039	16	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 7.9	< 0.003	< 9.6	< 1.2	< 4200	0.1479	846
	10/14/2015	0.033	220	0.075	400	< 0.002	< 12	0.031	120	0.0039	16	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 7.9	< 0.003	< 9.6	< 1.2	< 4200	0.1429	756
	11/18/2015	0.13	880	0.22	1200	< 0.002	< 12	0.08	300	0.01	40	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	0.0031	12	< 0.003	< 9.6	< 1.2	< 4200	0.4431	2432
	12/9/2015	0.085	580	0.14	750	< 0.002	< 12	0.063	250	0.0079	32	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	0.0027	11	< 0.003	< 9.6	< 1.2	< 4200	0.2986	1623
	1/14/2016	0.056	380	0.051	270	< 0.005	< 30	0.026	100	< 0.005	< 20	< 0.0062	< 25	< 0.0098	< 25	< 0.005	< 20	< 0.0055	< 25	< 0.005	< 20	< 0.0075	< 24	< 1.2	< 4200	0.133	750
	2/17/2016	0.11	750	0.2	1000	< 0.005	< 30	0.1	400	0.0099	40	< 0.0062	< 25	< 0.0098	< 25	< 0.005	< 20	< 0.0055	< 25	< 0.005	< 20	< 0.0075	< 24	< 1.2	< 4200	0.4199	2190
	3/23/2016	0.11	750	0.03	200	< 0.005	< 30	0.0088	35	< 0.005	< 20	< 0.0062	< 25	< 0.0098	< 25	< 0.005	< 20	< 0.0055	< 25	< 0.005	< 20	< 0.0075	< 24	< 1.2	< 4200	0.1488	985
	4/20/2016	0.13	880	0.054	290	< 0.005	< 30	0.019	75	< 0.005	< 20	< 0.0062	< 25	< 0.0098	< 25	< 0.005	< 20	< 0.0055	< 25	< 0.005	< 20	< 0.0075	< 24	< 1.2	< 4200	0.203	1245
	7/20/2016	0.27	1800	0.066	360	< 0.005	< 30	0.034	130	0.013	53	< 0.0062	< 25	< 0.0098	< 25	< 0.005	< 20	< 0.0055	< 25	< 0.005	< 20	< 0.0075	< 24	1.5	5300	1.883	7643
	10/19/2016	0.16	1100	0.11	590	< 0.005	< 30	0.068	270	0.01	40	< 0.0062	< 25	< 0.0098	< 25	< 0.005	< 20	< 0.0055	< 25	< 0.005	< 20	< 0.0075	< 24	< 1.2	< 4200	0.348	2000
	10/26/2016	0.044	300	0.35	1900	< 0.005	< 30	0.17	670	0.02	80	< 0.0062	< 25	< 0.0098	< 25	< 0.005	< 20	< 0.0055	< 25	0.0071	28	< 0.0075	< 24	< 1.2	< 4200	0.5911	2978
	11/2/2016	1.3	8800	0.25	1300	< 0.04	< 200	0.089	350	< 0.04	< 200	< 0.05	< 200	< 0.078	< 200	< 0.04	< 200	< 0.044	< 200	< 0.04	< 200	< 0.06	< 200	4.5	16000	6.139	26450
	11/16/2016	0.96	6500	0.17	910	< 0.02	< 100	0.069	270	< 0.02	< 80	< 0.025	< 100	< 0.039	< 100	< 0.02	< 80	< 0.022	< 100	< 0.02	< 80	< 0.03	< 100	3	10000	4.199	17680
	11/23/2016	8.6	58000	1.2	6500	< 0.04	< 200	0.35	1400	< 0.04	< 200	< 0.05	< 200	< 0.078	< 200	< 0.04	< 200	< 0.044	< 200	< 0.04	< 200	< 0.06	< 200	6.2	22000	16.35	87900
	12/7/2016	0.064	430	0.41	2200	< 0.002	< 12	0.29	1200	0.031	130	< 0.0025	< 10	0.0083	21	0.0092	37	< 0.0022	< 10	0.011	44	< 0.003	< 9.6	< 1.2	< 4200	0.8235	4062
	12/14/2016	0.14	950	0.11	590	< 0.004	< 24	0.061	240	0.0085	34	< 0.005	< 20	< 0.0078	< 20	0.0052	21	< 0.0044	< 20	< 0.004	< 16	< 0.006	< 19	< 1.2	< 4200	0.3247	1835
	12/21/2016	0.054	370	0.35	1900	< 0.005	< 30	0.23	910	0.022	89	< 0.0062	< 25	< 0.0098	< 25	0.0062	25	< 0.0055	< 25	0.007	28	< 0.0075	< 24	< 1.2	< 4200	0.6692	3322
	12/27/2016	0.15	1000	0.11	590	< 0.004	< 24	0.06	200	0.0086	35	< 0.005	< 20	< 0.0078	< 20	0.0053	21	< 0.0044	< 20	< 0.004	< 16	< 0.006	< 19	< 1.2	< 4200	0.3339	1846
	3/22/2017	0.25	1700	0.046	250	< 0.001	< 6.0	0.012	48	0.0066	27	< 0.0012	< 4.9	< 0.002	< 5.1	< 0.001	< 4.0	< 0.0011	< 5.1	< 0.001	< 4.0	< 0.0015	< 4.8	< 1.2	< 4200	0.3146	2025
	4/5/2017	0.19	1300	0.11	590	< 0.002	< 12	0.057	230	0.0086	35	< 0.0025	< 10	< 0.0039	< 10	0.0029	12	< 0.0022	< 10	0.0033	13	< 0.003	< 9.6	NT	NT	0.3718	2180

TABLE VI
ANALYTICAL RESULTS FOR CHEMICALS OF CONCERN IN SOIL VAPOR TREATMENT SYSTEM SAMPLES
COOPER DRUM SUPERFUND SITE
SOUTH GATE, CALIFORNIA

Location	Sample Date	PCE		TCE		1,2,3-TCP		cis-1,2-DCE		1,1-DCA		1,2-DCA		VC		1,1-DCE		1,2-DCP		trans-1,2-DCE		Benzene		TNMOC as Hexane		Total COCs	
		ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m3
VGACI	4/5/2017	0.03	200	0.8	4000	< 0.005	< 30	0.59	2300	0.04	200	< 0.0062	< 25	< 0.0098	< 25	0.0055	22	< 0.0055	< 25	0.016	64	< 0.0075	< 24	NT	NT	1.4815	6786
	4/12/2017	0.1	700	0.48	2600	< 0.002	< 12	0.31	1200	0.034	140	< 0.0025	< 10	0.015	38	0.0098	39	< 0.0022	< 10	0.012	48	< 0.003	< 9.6	1.3	4600	2.2608	9365
	4/12/2017	0.42	2900	0.05	300	< 0.002	< 12	0.023	91	0.01	40	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 7.9	< 0.003	< 9.6	NT	NT	0.503	3331
	4/19/2017	< 0.002	< 14	< 0.002	< 11	< 0.002	< 12	< 0.002	< 7.9	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 7.9	< 0.003	< 9.6	NT	NT	ND	ND
	4/19/2017	0.12	820	0.031	170	< 0.002	< 12	0.0069	27	0.002	8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 7.9	< 0.003	< 9.6	NT	NT	0.1599	1025.1
	4/26/2017	0.065	440	0.043	230	< 0.004	< 24	0.029	120	0.0043	17	< 0.005	< 20	< 0.0078	< 20	< 0.004	< 16	< 0.0044	< 20	< 0.004	< 16	< 0.006	< 19	NT	NT	0.1413	807
	4/26/2017	0.024	160	0.65	3500	< 0.01	< 60	0.58	2300	0.053	210	< 0.012	< 49	0.021	54	0.011	44	< 0.011	< 51	0.022	87	< 0.015	< 48	NT	NT	1.361	6355
	5/3/2017	0.056	380	0.26	1400	< 0.01	< 60	0.21	830	0.024	97	< 0.012	< 49	< 0.02	< 50	< 0.01	< 40	< 0.011	< 51	0.011	44	< 0.015	< 48	NT	NT	0.561	2751
	5/3/2017	0.13	880	0.0081	44	< 0.002	< 12	0.0052	21	0.0028	11	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 7.9	< 0.003	< 9.6	NT	NT	0.1461	956
	5/10/2017	0.12	820	0.008	43	< 0.002	< 12	0.0036	14	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 7.9	< 0.003	< 9.6	NT	NT	0.1316	877
	5/10/2017	0.15	1000	0.051	270	< 0.002	< 12	0.0097	39	0.0028	11	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 7.9	< 0.003	< 9.6	NT	NT	0.2135	1320
	5/17/2017	0.13	880	0.072	390	< 0.002	< 12	0.038	150	0.0062	25	< 0.0025	< 10	< 0.0039	< 10	0.0022	8.7	< 0.0022	< 10	0.0023	9.1	< 0.003	< 9.6	< 1.2	< 4200	0.2507	1462.8
	5/17/2017	0.018	120	0.5	3000	< 0.004	< 24	0.34	1300	0.037	150	< 0.005	< 20	0.015	38	0.012	48	< 0.0044	< 20	0.016	64	< 0.006	< 19	NT	NT	0.938	4720
	5/24/2017	0.058	390	0.28	1500	< 0.0005	< 3.0	0.2	800	0.014	57	< 0.00062	< 2.5	0.0051	13	0.0036	14	< 0.00055	< 2.5	0.0052	21	0.001	3.2	NT	NT	0.5669	2798.2
	5/24/2017	0.14	950	0.0081	44	< 0.0005	< 3.0	0.0033	13	0.0022	8.9	< 0.00062	< 2.5	< 0.00098	< 2.5	< 0.0005	< 2.0	< 0.00055	< 2.5	< 0.0005	< 2.0	< 0.00075	< 2.4	NT	NT	0.1536	1015.9
	10/4/2017	0.19	1300	0.15	810	< 0.002	< 12	0.076	300	0.019	77	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	0.0067	27	< 0.003	< 9.6	NT	NT	0.4417	2514
	10/11/2017	0.13	880	0.18	970	< 0.004	< 24	0.15	600	0.026	110	< 0.005	< 20	0.008	20	0.0099	39	< 0.0044	< 20	0.011	44	< 0.006	< 19	< 1.2	< 4200	0.5149	2663
	10/25/2017	0.13	880	0.19	1000	< 0.002	< 12	0.11	440	0.022	89	< 0.0025	< 10	< 0.0039	< 10	0.0084	33	< 0.0022	< 10	0.009	36	< 0.003	< 9.6	NT	NT	0.4694	2478
	11/8/2017	0.12	820	0.18	970	< 0.01	< 60	0.11	440	0.019	77	< 0.012	< 49	< 0.02	< 50	< 0.01	< 40	< 0.011	< 51	< 0.01	< 40	< 0.015	< 48	NT	NT	0.429	2307
	11/29/2017	0.12	820	0.13	700	< 0.004	< 24	0.078	310	0.013	53	< 0.005	< 20	< 0.0078	< 20	0.0065	26	< 0.0044	< 20	< 0.004	< 16	< 0.006	< 19	< 1.2	< 4200	0.3475	1909
	12/13/2017	0.13	880	0.14	750	< 0.004	< 24	0.08	300	0.018	73	< 0.005	< 20	< 0.0078	< 20	0.0058	23	< 0.0044	< 20	0.0061	24	< 0.006	< 19	1.4	4900	1.7799	6950
	12/27/2017	< 0.004	< 27	0.021	110	< 0.004	< 24	0.065	260	0.018 J	73 J	< 0.005	< 20	< 0.0078	< 20	0.0081	32	< 0.0044	< 20	0.0047	19	< 0.006	< 19	NT	NT	0.1168	494
VGACM	3/22/2011	< 0.74	< 5000	< 0.93	< 5000	< 0.83	< 5000	< 1.3	< 5200	< 1.2	< 4900	< 1.2	< 4900	< 2	< 5100	< 1.3	< 5200	< 1.1	< 5100	< 1.3	< 5200	< 1.6	< 5100	NT	NT	ND	ND
	4/12/2011	< 0.002	< 14	< 0.002	< 11	< 0.002	< 12	< 0.002	< 7.9	< 0.002	< 8.1	< 0.003	< 12	0.17	440	< 0.002	< 7.9	< 0.003	< 14	< 0.002	< 7.9	< 0.003	< 9.6	NT	NT	0.17	440
	4/27/2011	< 0.002	< 14	< 0.002	< 11	< 0.002	< 12	< 0.002	< 7.9	< 0.002	< 8.1	0.0041	17	0.12	310	< 0.002	< 7.9	< 0.003	< 14	< 0.002	< 7.9	< 0.003	< 9.6	< 0.49	< 1700	0.1241	327
	5/17/2011	< 0.0021	< 14	< 0.0021	< 11	< 0.0021	< 13	< 0.0021	< 8.3	< 0.0021	< 8.5	< 0.0031	< 13	0.053	140	< 0.0021	< 8.3	< 0.0031	< 14	< 0.0021	< 8.3	0.0016 J	5.1 J	< 0.28	< 990	0.0546	145.1
	6/7/2011	< 0.004	< 27	< 0.004	< 22	< 0.004	< 24	< 0.004	< 16	< 0.004	< 16	< 0.004	< 16	0.037 J	95 J	< 0.004	< 16	< 0.005	< 23	< 0.004	< 16	< 0.004	< 13	0.4 J	1000 J	0.437	1095
	7/19/2011	< 0.004	< 27	< 0.004	< 22	< 0.004	< 24	< 0.004	< 16	< 0.004	< 16	0.0034 J	14 J	0.038	97	< 0.004	< 16	< 0.005	< 23	< 0.004	< 16	< 0.004	< 13	0.58	2000	0.6214	2111
	8/23/2011	< 0.004	< 27	< 0.004	< 22	< 0.004	< 24	< 0.004	< 16	< 0.004	< 16	< 0.004	< 16	0.023	59	< 0.004	< 16	< 0.005	< 23	< 0.004	< 16	< 0.004	< 13	0.8	3000	0.823	3059
	9/20/2011	< 0.004	< 27	< 0.004	< 22	< 0.004	< 24	< 0.004	< 16	< 0.004	< 16	< 0.004	< 16	0.011	28	< 0.004	< 16	< 0.005	< 23	< 0.004	< 16	< 0.004	< 13	0.5	2000	0.511	2028
	10/11/2011	< 0.004	< 27	< 0.004	< 22	< 0.004	< 24	< 0.004	< 16	< 0.004	< 16	< 0.004	< 16	0.0025 J	6.4 J	< 0.004	< 16	< 0.005	< 23	< 0.004	< 16	< 0.004	< 13	0.74	2600	0.7425	2606.4
	1/13/2012	< 0.004	< 27	< 0.004	< 22	< 0.004	< 24	< 0.004	< 16	< 0.004	< 16	< 0.004	< 16	< 0.004	< 10	< 0.004	< 16	< 0.005	< 23	< 0.004	< 16	< 0.004	< 13	< 0.5	< 2000	ND	ND
	2/21/2012	< 0.004	< 27	< 0.004	< 22	< 0.004	< 24	< 0.004	< 16	< 0.004	< 16	< 0.004	< 16	< 0.004	< 10	< 0.004	< 16	< 0.005	< 23	< 0.004	< 16	< 0.004	< 13	< 0.5	< 2000	ND	ND
	3/27/2012	0.0095	65	0.044	240	< 0.004	< 24	0.21	830	0.058	240	< 0.004	< 16	< 0.004	< 10	0.02	80	< 0.005	< 23	0.013	52	< 0.004	< 13	0.49 J	1700 J	0.8445	3207
	4/24/2012	0.0036 J	24 J	0.028	150	< 0.004	< 24	0.11	440	0.033	130	< 0.004	< 16	< 0.004	< 10	0.0081	32	< 0.005	< 23	0.0094	37	< 0.004	< 13	0.27 J	950 J	0.4621	1763
	5/22/2012	0.0068 J	46 J	0.051 J	270 J	< 0.004	< 24	0.62	2500	0.5	2000	< 0.004	< 16	0.025 J	64 J	0.028 J	110 J	< 0.005	< 23	0.04 J	200 J	0.0024 J	7.7 J	3.1 J	11000 J	4.3732	16197.7
	6/12/2012	< 0.008	< 54	< 0.008	< 43	< 0.008	< 48	0.54	2100	0.23	930	< 0.008	< 32	0.028	72	0.045	180	< 0.01	< 50	0.041	160	< 0.008	< 26	2.1	7400	2.984	10842
	7/20/2012	< 0.004	< 27	< 0.004	< 22	< 0.004	< 24	< 0.004	< 16	0.0081	33	< 0.004	< 16	0.01	30	0.0037 J	15 J	< 0.005	< 23	< 0.004	< 16	< 0.004	< 13	1 J	4000 J	1.0218	4078
	8/7/2012	< 0.004	< 27	< 0.004	< 22	< 0.004	< 24	< 0.004	< 16	0.0065	26	< 0.004	< 16	0.046	120	0.0053	21	< 0.005	< 23	< 0.004	< 16	< 0.004	< 13	< 2	< 7000	0.0578	167
	9/7/2012	< 0.004	< 27	< 0.004	< 22	< 0.004	< 24	< 0.004	< 16	< 0.004	< 16	< 0.004	< 16	0.016	41	< 0.004	< 16	< 0.005	< 23	< 0.004	< 16	< 0.004	< 13	1.9 J	6700 J	1.916	6741
	10/16/2012	< 0.004	< 27	< 0.004	< 22	< 0.004	< 24	< 0.004	< 16	< 0.004	< 16	< 0.004	< 16	0.023	59	0.0029 J	12 J	< 0.005	< 23	< 0.004	< 16	< 0.004	< 13	< 2	< 7000	0.0259	71
	12/14/2012	0.0092	63	< 0.0064	< 34	< 0.0064	< 39	< 0.0064	< 25	< 0.0064	< 26	< 0.0064	< 26	0.0083	21	< 0.0064	< 25	< 0.016	< 74	< 0.0064	< 25	0.0067	21	< 3.2	< 11000	0.0242	105
	4/2/2013	< 0.005	< 34	< 0.0051	< 27	< 0.005	< 30	< 0.005	< 20	< 0.005	< 20	< 0.0062	< 25	0.032	82	< 0.005	< 20	< 0.0054	< 25	< 0.005	< 20	< 0.0075	< 24	NT	NT	0.032	82
	4/23/2013	< 0.005	< 34	< 0.0051	< 27	< 0.005	< 30	< 0.005	< 20	0.044	180	< 0.0062	< 25	0.031	79	0.015	60	< 0.0054	< 25	< 0.005	< 20	< 0.0075	< 24	< 1.4	< 4900	0.09	319
	5/21/2013	< 0.005	< 34	< 0.0051	< 27	< 0.005	< 30	0.027	110	0.034	140	< 0.0062	< 25	0.054	140	0.017	67	< 0.0054	< 25	< 0.005	< 20	< 0.0075	< 24	2.5	8800	2.632	9257
	6/26/2013	< 0.008	< 54	< 0.0082	< 44	< 0.008	< 48	< 0.008	< 32	0.15	610	< 0.0099	< 40	0.038	97	0.042	170	< 0.0087	< 40	< 0.008	< 32	< 0.012	< 38	< 1.4	< 4900	0.23	877
	7/30/2013	< 0.008	< 54	< 0.0082	< 44	< 0.008	< 48	0.13	520	0.082	330	< 0.0099	< 40	0.04	100	0.029	120	< 0.0087	< 40	0.0097	39	< 0.012	< 38	2.7	9500	2.9907	10609

TABLE VI
ANALYTICAL RESULTS FOR CHEMICALS OF CONCERN IN SOIL VAPOR TREATMENT SYSTEM SAMPLES
COOPER DRUM SUPERFUND SITE
SOUTH GATE, CALIFORNIA

Location	Sample Date	PCE		TCE		1,2,3-TCP		cis-1,2-DCE		1,1-DCA		1,2-DCA		VC		1,1-DCE		1,2-DCP		trans-1,2-DCE		Benzene		TNMOC as Hexane		Total COCs	
		ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m3
VGACM	9/12/2013	< 0.005	< 34	< 0.0051	< 27	< 0.005	< 30	0.15	600	0.11	450	< 0.0062	< 25	0.055	140	0.039	150	< 0.0054	< 25	0.011	44	< 0.0075	< 24	< 1.4	< 4900	0.365	1384
	9/24/2013	0.0088	60	0.0074	40	< 0.004	< 24	0.66	2600	0.082	330	< 0.005	< 20	0.018	46	0.039	150	< 0.0044	< 20	0.028	110	< 0.006	< 19	3.9	14000	4.7432	17336
	10/29/2013	0.072	490	0.78	4200	< 0.04	< 200	0.79	3100	0.067	270	< 0.05	< 200	< 0.078	< 200	< 0.04	< 200	< 0.044	< 200	< 0.04	< 200	< 0.06	< 200	6.8	24000	8.509	32060
	11/25/2013	< 0.04	< 300	0.06	300	< 0.04	< 200	0.62	2500	0.072	290	< 0.05	< 200	< 0.078	< 200	0.04	200	< 0.044	< 200	< 0.04	< 200	< 0.06	< 200	< 1.2	< 4200	0.792	3290
	12/16/2013	< 0.04	< 300	< 0.04	< 200	< 0.04	< 200	0.76	3000	0.059	240	< 0.05	< 200	0.081	210	< 0.04	< 200	< 0.044	< 200	< 0.04	< 200	< 0.06	< 200	1.7	6000	2.6	9450
	1/27/2014	0.22	1500	1	5000	< 0.04	< 200	0.41	1600	< 0.04	< 200	< 0.05	< 200	< 0.078	< 200	< 0.04	< 200	< 0.044	< 200	< 0.04	< 200	< 0.06	< 200	5.9	21000	7.53	29100
	2/24/2014	< 0.002	< 14	< 0.002	< 11	< 0.002	< 12	< 0.002	< 7.9	< 0.002	< 8.1	< 0.0025	< 10	0.0048	12	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 7.9	< 0.003	< 9.6	< 1.2	< 4200	0.0048	12
	3/24/2014	< 0.002	< 14	< 0.002	< 11	< 0.002	< 12	< 0.002	< 7.9	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 7.9	< 0.003	< 9.6	< 1.2	< 4200	ND	ND
	4/29/2014	< 0.002	< 14	< 0.002	< 11	< 0.002	< 12	< 0.002	< 7.9	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 7.9	< 0.003	< 9.6	< 1.2	< 4200	ND	ND
	5/29/2014	< 0.002	< 14	< 0.002	< 11	< 0.002	< 12	< 0.002	< 7.9	< 0.002	< 8.1	< 0.0025	< 10	0.006	15	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 7.9	< 0.003	< 9.6	< 1.2	< 4200	0.006	15
	6/26/2014	< 0.002	< 14	< 0.002	< 11	< 0.002	< 12	0.092	370	0.034	140	< 0.0025	< 10	0.006	15	0.013	52	< 0.0022	< 10	0.0037	15	< 0.003	< 9.6	< 1.2	< 4200	0.1487	592
	7/29/2014	< 0.002	< 14	< 0.002	< 11	< 0.002	< 12	< 0.002	< 7.9	< 0.002	< 8.1	< 0.0025	< 10	0.0049	13	0.0037	15	< 0.0022	< 10	< 0.002	< 7.9	< 0.003	< 9.6	< 1.2	< 4200	0.0086	28
	9/22/2014	< 0.002	< 14	< 0.002	< 11	< 0.002	< 12	0.01	40	0.0065	26	< 0.0025	< 10	< 0.0039	< 10	0.0049	19	< 0.0022	< 10	< 0.002	< 7.9	< 0.003	< 9.6	< 1.2	< 4200	0.0214	85
	10/23/2014	< 0.002	< 14	< 0.002	< 11	< 0.002	< 12	0.054	210	0.014	57	< 0.0025	< 10	< 0.0039	< 10	0.0042	17	< 0.0022	< 10	< 0.002	< 7.9	< 0.003	< 9.6	< 1.2	< 4200	0.0722	284
	11/24/2014	< 0.002	< 14	< 0.002	< 11	< 0.002	< 12	0.077	310	0.017	69	< 0.0025	< 10	0.0058	15	0.0037	15	< 0.0022	< 10	0.003	12	< 0.003	< 9.6	< 1.2	< 4200	0.1065	421
	12/10/2014	< 0.008	< 54	< 0.008	< 43	< 0.008	< 48	0.15	600	0.029	120	< 0.01	< 40	< 0.016	< 41	< 0.008	< 32	< 0.0088	< 41	< 0.008	< 32	< 0.012	< 38	< 1.2	< 4200	0.179	720
	1/20/2015	< 0.008	< 54	< 0.008	< 43	< 0.008	< 48	0.38	1500	0.048	190	< 0.01	< 40	< 0.016	< 41	0.0081	32	< 0.0088	< 41	0.0091	36	< 0.012	< 38	< 1.2	< 4200	0.4452	1758
	2/17/2015	< 0.002	< 14	< 0.002	< 11	< 0.002	< 12	0.011	44	0.017	69	< 0.0025	< 10	0.0064	16	0.006	24	< 0.0022	< 10	< 0.002	< 7.9	< 0.003	< 9.6	< 1.2	< 4200	0.0404	153
	3/26/2015	0.0024	16	0.0039	21	< 0.002	< 12	0.03	100	0.018	73	< 0.0025	< 10	< 0.0039	< 10	0.0078 J	31 J	< 0.0022	< 10	< 0.002	< 7.9	< 0.003	< 9.6	< 1.2	< 4200	0.0621	241
	4/30/2015	< 0.002	< 14	< 0.002	< 11	< 0.002	< 12	0.03	100	0.011	45	< 0.0025	< 10	< 0.0039	< 10	0.0049	19	< 0.0022	< 10	< 0.002	< 7.9	< 0.003	< 9.6	< 1.2	< 4200	0.0459	164
	5/28/2015	< 0.002	< 14	< 0.002	< 11	< 0.002	< 12	0.23	910	0.082	330	< 0.0025	< 10	< 0.0039	< 10	0.024	95	< 0.0022	< 10	0.0069	27	< 0.003	< 9.6	< 1.2	< 4200	0.3429	1362
	6/16/2015	< 0.002	< 14	< 0.002	< 11	< 0.002	< 12	0.056	220	0.01	40	< 0.0025	< 10	< 0.0039	< 10	0.0044	17	< 0.0022	< 10	0.0031	12	< 0.003	< 9.6	< 1.2	< 4200	0.0735	289
	7/7/2015	< 0.005	< 34	< 0.005	< 27	< 0.005	< 30	0.044	170	0.006	24	< 0.0062	< 25	< 0.0098	< 25	< 0.005	< 20	< 0.0055	< 25	< 0.005	< 20	< 0.0075	< 24	< 1.2	< 4200	0.05	194
	8/26/2015	< 0.002	< 14	< 0.002	< 11	< 0.002	< 12	0.12	480	0.0098	40	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	0.0042	17	< 0.003	< 9.6	< 1.2	< 4200	0.134	537
	9/16/2015	< 0.002	< 14	< 0.002	< 11	< 0.002	< 12	0.088	350	0.0058	24	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	0.0029	12	< 0.003	< 9.6	< 1.2	< 4200	0.0967	386
	10/14/2015	< 0.002	< 14	< 0.002	< 11	< 0.002	< 12	0.065	260	0.0034	14	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	0.0024	9.5	< 0.003	< 9.6	< 1.2	< 4200	0.0708	283.5
	11/18/2015	< 0.002	< 14	< 0.002	< 11	< 0.002	< 12	0.043	170	0.0026	11	< 0.0025	< 10	0.0039	10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 7.9	< 0.003	< 9.6	< 1.2	< 4200	0.0495	191
	12/9/2015	< 0.002	< 14	< 0.002	< 11	< 0.002	< 12	0.042	170	0.0026	11	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 7.9	< 0.003	< 9.6	< 1.2	< 4200	0.0446	181
	1/14/2016	< 0.002	< 14	< 0.002	< 11	< 0.002	< 12	0.018	71	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 7.9	< 0.003	< 9.6	< 1.2	< 4200	0.018	71
	2/17/2016	< 0.002	< 14	< 0.002	< 11	< 0.002	< 12	0.054	210	0.0061	25	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	0.002	7.9	< 0.003	< 9.6	< 1.2	< 4200	0.0621	242.9
	3/23/2016	< 0.002	< 14	< 0.002	< 11	< 0.002	< 12	0.069	270	0.0071	29	< 0.0025	< 10	< 0.0039	< 10	0.002	7.9	< 0.0022	< 10	0.003	12	< 0.003	< 9.6	< 1.2	< 4200	0.0811	318.9
	4/20/2016	< 0.002	< 14	< 0.002	< 11	< 0.002	< 12	0.061	240	0.0054	22	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	0.0024	9.5	< 0.003	< 9.6	< 1.2	< 4200	0.0688	271.5
	7/20/2016	< 0.002	< 10	< 0.002	< 10	< 0.002	< 10	0.12	480	0.011	45	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 8	< 0.0022	< 10	0.0048	19	< 0.003	< 10	< 1.2	< 4200	0.1358	544
	10/19/2016	< 0.002	< 14	0.0027	15	< 0.002	< 12	0.28	1100	0.035	140	< 0.0025	< 10	< 0.0039	< 10	0.0029	12	< 0.0022	< 10	0.0079	31	< 0.003	< 9.6	< 1.2	< 4200	0.3285	1298
	11/16/2016	< 0.004	< 27	< 0.004	< 22	< 0.004	< 24	0.094	370	0.013	53	< 0.005	< 20	< 0.0078	< 20	0.0048	19	< 0.0044	< 20	< 0.004	< 16	< 0.006	< 19	< 1.2	< 4200	0.1118	442
	12/14/2016	< 0.004	< 27	< 0.004	< 22	< 0.004	< 24	0.21	830	0.013	53	< 0.005	< 20	< 0.0078	< 20	0.0056	22	< 0.0044	< 20	0.0092	37	< 0.006	< 19	< 1.2	< 4200	0.2378	942
	3/22/2017	< 0.0005	< 3.4	0.0022	12	< 0.0005	< 3.0	0.27	1100	0.012	49	< 0.00062	< 2.5	< 0.00098	< 2.5	0.0051	20	< 0.00055	< 2.5	0.0062	25	< 0.00075	< 2.4	< 1.2	< 4200	0.2955	1206
	4/12/2017	< 0.002	< 14	0.055	300	< 0.002	< 12	0.36	1400	0.028	110	< 0.0025	< 10	0.014	36	0.0067	27	< 0.0022	< 10	0.011	44	< 0.003	< 9.6	1.3	4600	1.7747	6517
	5/17/2017	0.021	140	0.069	370	< 0.0005	< 3.0	0.079	310	0.0068	28	< 0.00062	< 2.5	< 0.00098	< 2.5	0.0025	9.9	< 0.00055	< 2.5	0.0032	13	< 0.00075	< 2.4	< 1.2	< 4200	0.1815	870.9
	10/11/2017	0.14	950	0.26	1400	0.0012	7.2	0.14	560	0.026	110	< 0.00062	< 2.5	0.0013	3.3	0.00096	3.8	0.0013	6.0	0.0025	9.9	0.0027	8.6	< 1.2	< 4200	0.57596	3058.8
	11/29/2017	0.016	110	0.15	810	< 0.004	< 24	0.13	520	0.018	73	< 0.005	< 20	< 0.0078	< 20	0.011	44	< 0.0044	< 20	0.0063	25	< 0.006	< 19	< 1.2	< 4200	0.3313	1582
	12/13/2017	0.011	75	0.1	500	< 0.004	< 24	0.093	370	0.022	89	< 0.005	< 20	< 0.0078	< 20	0.0074	29	< 0.0044	< 20	0.0066	26	< 0.006	< 19	< 1.2	< 4200	0.24	1089
VGACE	2/23/2011	< 0.74	< 5000	< 0.93	< 5000	< 0.83	< 5000	< 1.3	< 5200	< 1.2	< 4900	< 1.2	< 4900	< 2	< 5100	< 1.3	< 5200	< 1.1	< 5100	< 1.3	< 5200	< 1.6	< 5100	NT	NT	ND	ND
	3/22/2011	< 0.74	< 5000	< 0.93	< 5000	< 0.83	< 5000	< 1.3	< 5200	< 1.2	< 4900	< 1.2	< 4900	< 2	< 5100	< 1.3	< 5200	< 1.1	< 5100	< 1.3	< 5200	< 1.6	< 5100	NT	NT	ND	ND
	4/12/2011	0.0033	22	0.0013 J	7.0 J	< 0.002	< 12	< 0.002	< 7.9	< 0.002	< 8.1	< 0.003	< 12	0.18	460	< 0.002	< 7.9	< 0.003	< 14	< 0.002	< 7.9	< 0.003	< 9.6	NT	NT	0.1846	489
	4/27/2011	< 0.002	< 14	< 0.002	< 11	< 0.002	< 12	< 0.002	< 7.9	< 0.002	< 8.1	0.0033	13	0.31	790	< 0.002	< 7.9	< 0.003	< 14	< 0.002	< 7.9	< 0.003	< 9.6	< 0.5	< 2000	0.3133	803
	5/17/2011	< 0.002	< 14	< 0.002	< 11	< 0.002	< 12	< 0.002	< 7.9	< 0.002	< 8.1	< 0.003	< 12	0.094	240	< 0.002	< 7.9	< 0.003	< 14	< 0.002	< 7.9	< 0.003	< 9.6	< 0.23	< 810	0.094	240

TABLE VI
ANALYTICAL RESULTS FOR CHEMICALS OF CONCERN IN SOIL VAPOR TREATMENT SYSTEM SAMPLES
COOPER DRUM SUPERFUND SITE
SOUTH GATE, CALIFORNIA

Location	Sample Date	PCE		TCE		1,2,3-TCP		cis-1,2-DCE		1,1-DCA		1,2-DCA		VC		1,1-DCE		1,2-DCP		trans-1,2-DCE		Benzene		TNMOC as Hexane		Total COCs	
		ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m3
VGACE	6/7/2011	< 0.0058	< 39	< 0.0058	< 31	< 0.0058	< 35	< 0.0058	< 23	< 0.0058	< 24	< 0.0058	< 24	< 0.0058	< 15	< 0.0058	< 23	< 0.0072	< 33	< 0.0058	< 23	< 0.0058	< 19	**0.63 J**	**2200 J**	**0.63**	**2200**
	7/5/2011	< 0.001	< 6.8	< 0.001	< 5.4	< 0.001	< 6.0	< 0.001	< 4.0	< 0.001	< 4.1	**0.0059**	**24**	**0.083**	**210**	< 0.001	< 4.0	< 0.001	< 4.6	< 0.001	< 4.0	**0.00033 J**	**1.1 J**	**0.22**	**770**	**0.30923**	**1005.1**
	7/19/2011	< 0.004	< 27	< 0.004	< 22	< 0.004	< 24	< 0.004	< 16	< 0.004	< 16	< 0.004	< 16	**0.049**	**130**	< 0.004	< 16	< 0.005	< 23	< 0.004	< 16	< 0.004	< 13	**0.52**	**1800**	**0.569**	**1930**
	8/23/2011	< 0.004	< 27	< 0.004	< 22	< 0.004	< 24	< 0.004	< 16	< 0.004	< 16	< 0.004	< 16	**0.029**	**74**	< 0.004	< 16	< 0.005	< 23	< 0.004	< 16	< 0.004	< 13	**0.65**	**2300**	**0.679**	**2374**
	9/20/2011	< 0.004	< 27	< 0.004	< 22	< 0.004	< 24	< 0.004	< 16	< 0.004	< 16	< 0.004	< 16	**0.024**	**61**	< 0.004	< 16	< 0.005	< 23	< 0.004	< 16	< 0.004	< 13	**0.51**	**1800**	**0.534**	**1861**
	9/21/2011	< 0.002	< 14	< 0.002	< 11	< 0.002	< 12	< 0.002	< 7.9	< 0.002	< 8.1	< 0.0025	< 10	**0.019**	**49**	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 7.9	< 0.003	< 9.6	NT	NT	**0.019**	**49**
	10/11/2011	< 0.004	< 27	< 0.004	< 22	< 0.004	< 24	< 0.004	< 16	< 0.004	< 16	< 0.004	< 16	**0.019**	**49**	< 0.004	< 16	< 0.005	< 23	< 0.004	< 16	< 0.004	< 13	**0.48 J**	**1700 J**	**0.499**	**1749**
	1/13/2012	< 0.004	< 27	< 0.004	< 22	< 0.004	< 24	< 0.004	< 16	< 0.004	< 16	< 0.004	< 16	**0.0067**	**17**	< 0.004	< 16	< 0.005	< 23	< 0.004	< 16	< 0.004	< 13	< 0.5	< 2000	**0.0067**	**17**
	2/21/2012	< 0.004	< 27	< 0.004	< 22	< 0.004	< 24	< 0.004	< 16	< 0.004	< 16	< 0.004	< 16	< 0.004	< 10	< 0.004	< 16	< 0.005	< 23	< 0.004	< 16	< 0.004	< 13	< 0.5	< 2000	ND	ND
	3/27/2012	**0.008**	**54**	< 0.004	< 22	< 0.004	< 24	**0.021**	**83**	**0.029**	**120**	< 0.004	< 16	< 0.004	< 10	**0.011**	**44**	< 0.005	< 23	**0.002 J**	**7.9 J**	< 0.004	< 13	**0.3 J**	**1000 J**	**0.371**	**1308.9**
	4/24/2012	< 0.004	< 27	< 0.004	< 22	< 0.004	< 24	**0.019**	**75**	**0.016**	**65**	< 0.004	< 16	< 0.004	< 10	**0.013**	**52**	< 0.005	< 23	< 0.004	< 16	< 0.004	< 13	< 0.5	< 2000	**0.048**	**192**
	5/22/2012	< 0.004	< 27	< 0.004	< 22	< 0.004	< 24	**0.058**	**230**	**0.078**	**320**	< 0.004	< 16	**0.0078**	**20**	**0.013**	**52**	< 0.005	< 23	**0.01**	**40**	< 0.004	< 13	**0.72**	**2500**	**0.8868**	**3162**
	6/12/2012	< 0.004	< 27	< 0.004	< 22	< 0.004	< 24	< 0.004	< 16	< 0.004	< 16	< 0.004	< 16	**0.028**	**72**	< 0.004	< 16	< 0.005	< 23	< 0.004	< 16	< 0.004	< 13	**0.26 J**	**920 J**	**0.288**	**992**
	6/28/2012	**0.0023 J**	**16 J**	< 0.004	< 22	< 0.004	< 24	< 0.004	< 16	**0.0045**	**18**	< 0.004	< 16	**0.068**	**170**	**0.0023 J**	**9.1 J**	< 0.005	< 23	< 0.004	< 16	< 0.004	< 13	**1.6**	**5600**	**1.6771**	**5813.1**
	7/20/2012	< 0.004	< 27	< 0.004	< 22	< 0.004	< 24	< 0.004	< 16	< 0.004	< 16	< 0.004	< 16	**0.039**	**100**	< 0.004	< 16	< 0.005	< 23	< 0.004	< 16	< 0.004	< 13	< 2	< 7000	**0.039**	**100**
	8/7/2012	< 0.004	< 27	< 0.004	< 22	< 0.004	< 24	< 0.004	< 16	< 0.004	< 16	< 0.004	< 16	**0.026**	**67**	< 0.004	< 16	< 0.005	< 23	< 0.004	< 16	< 0.004	< 13	< 2	< 7000	**0.026**	**67**
	8/13/2012	**0.2**	**1000**	**0.004**	**22**	< 0.004	< 24	< 0.004	< 16	< 0.004	< 16	< 0.004	< 16	**0.029**	**74**	< 0.004	< 16	< 0.005	< 23	< 0.004	< 16	< 0.004	< 13	NT	NT	**0.233**	**1096**
	9/7/2012	< 0.004	< 27	< 0.004	< 22	< 0.004	< 24	< 0.004	< 16	< 0.004	< 16	< 0.004	< 16	**0.024**	**61**	< 0.004	< 16	< 0.005	< 23	< 0.004	< 16	< 0.004	< 13	< 2	< 7000	**0.024**	**61**
	10/16/2012	< 0.004	< 27	< 0.004	< 22	< 0.004	< 24	< 0.004	< 16	< 0.004	< 16	< 0.004	< 16	**0.03**	**80**	< 0.004	< 16	< 0.005	< 23	< 0.004	< 16	< 0.004	< 13	< 2	< 7000	**0.03**	**80**
	12/14/2012	< 0.0061	< 41	< 0.0061	< 33	< 0.0061	< 37	< 0.0061	< 24	< 0.0061	< 25	< 0.0061	< 25	< 0.0061	< 16	< 0.0061	< 24	< 0.015	< 69	< 0.0061	< 24	< 0.0061	< 20	< 3	< 10000	ND	ND
	4/2/2013	< 0.002	< 14	< 0.002	< 11	< 0.002	< 12	**0.005**	**20**	**0.016**	**65**	< 0.0025	< 10	**0.027**	**69**	**0.016**	**64**	< 0.0022	< 10	< 0.002	< 7.9	< 0.003	< 9.6	NT	NT	**0.064**	**218**
	4/23/2013	< 0.002	< 14	< 0.002	< 11	< 0.002	< 12	< 0.002	< 7.9	< 0.002	< 8.1	< 0.0025	< 10	**0.049**	**130**	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 7.9	< 0.003	< 9.6	< 1.4	< 4900	**0.049**	**130**
	5/21/2013	**0.022**	**150**	**0.016**	**86**	< 0.002	< 12	< 0.002	< 7.9	**0.0021**	**8.5**	< 0.0025	< 10	**0.055**	**140**	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 7.9	< 0.003	< 9.6	**1.7**	**6000**	**1.7951**	**6384.5**
	6/26/2013	< 0.008	< 54	< 0.0082	< 44	< 0.008	< 48	< 0.008	< 32	< 0.008	< 32	< 0.0099	< 40	**0.044**	**110**	< 0.008	< 32	< 0.0087	< 40	< 0.008	< 32	< 0.012	< 38	< 1.4	< 4900	**0.044**	**110**
	7/30/2013	**0.018**	**120**	**0.013**	**70**	< 0.008	< 48	< 0.008	< 32	**0.12**	**490**	< 0.0099	< 40	**0.025**	**64**	**0.032**	**130**	< 0.0087	< 40	< 0.008	< 32	< 0.012	< 38	**2.2**	**7700**	**2.408**	**8574**
	9/12/2013	< 0.005	< 34	< 0.0051	< 27	< 0.005	< 30	< 0.005	< 20	**0.042**	**170**	< 0.0062	< 25	**0.055**	**140**	**0.0088**	**35**	< 0.0054	< 25	< 0.005	< 20	< 0.0075	< 24	< 1.4	< 4900	**0.1058**	**345**
	9/24/2013	**0.0053**	**36**	**0.0042**	**23**	< 0.002	< 12	**0.011**	**44**	**0.17**	**690**	< 0.0025	< 10	**0.068**	**170**	**0.054**	**210**	< 0.0022	< 10	< 0.002	< 7.9	< 0.003	< 9.6	**3.1**	**11000**	**3.4125**	**12173**
	10/29/2013	< 0.002	< 14	< 0.002	< 11	< 0.002	< 12	**0.18**	**710**	**0.079**	**320**	< 0.0025	< 10	**0.07**	**200**	**0.043**	**170**	< 0.0022	< 10	**0.0081**	**32**	< 0.003	< 9.6	**2**	**7000**	**2.3801**	**8432**
	11/25/2013	< 0.01	< 70	< 0.01	< 50	< 0.01	< 60	**0.037**	**150**	**0.077**	**310**	< 0.012	< 49	**0.054**	**140**	**0.037**	**150**	< 0.011	< 51	< 0.01	< 40	< 0.015	< 48	< 1.2	< 4200	**0.205**	**750**
	12/16/2013	< 0.01	< 70	< 0.01	< 50	< 0.01	< 60	**0.29**	**1200**	**0.061**	**250**	< 0.012	< 49	**0.068**	**170**	**0.037**	**150**	< 0.011	< 51	< 0.01	< 40	< 0.015	< 48	**1.3**	**4600**	**1.756**	**6370**
	1/27/2014	**0.0042**	**29**	**0.013**	**70**	< 0.002	< 12	**0.0033**	**13**	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 7.9	< 0.003	< 9.6	< 1.2	< 4200	**0.0205**	**112**
	2/24/2014	< 0.002	< 14	< 0.002	< 11	< 0.002	< 12	< 0.002	< 7.9	< 0.002	< 8.1	< 0.0025	< 10	**0.0066**	**17**	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 7.9	< 0.003	< 9.6	< 1.2	< 4200	**0.0066**	**17**
	3/24/2014	< 0.002	< 14	< 0.002	< 11	< 0.002	< 12	< 0.002	< 7.9	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 7.9	< 0.003	< 9.6	< 1.2	< 4200	ND	ND
	4/29/2014	< 0.002	< 14	< 0.002	< 11	< 0.002	< 12	< 0.002	< 7.9	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 7.9	< 0.003	< 9.6	< 1.2	< 4200	ND	ND
	5/29/2014	< 0.002	< 14	< 0.002	< 11	< 0.002	< 12	< 0.002	< 7.9	< 0.002	< 8.1	< 0.0025	< 10	**0.0089**	**23**	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 7.9	< 0.003	< 9.6	< 1.2	< 4200	**0.0089**	**23**
	6/26/2014	< 0.002	< 14	< 0.002	< 11	< 0.002	< 12	< 0.002	< 7.9	< 0.002	< 8.1	< 0.0025	< 10	**0.0066**	**17**	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 7.9	< 0.003	< 9.6	< 1.2	< 4200	**0.0066**	**17**
	7/29/2014	< 0.002	< 14	< 0.002	< 11	< 0.002	< 12	< 0.002	< 7.9	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 7.9	< 0.003	< 9.6	< 1.2	< 4200	ND	ND
	9/22/2014	< 0.002	< 14	< 0.002	< 11	< 0.002	< 12	< 0.002	< 7.9	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 7.9	< 0.003	< 9.6	< 1.2	< 4200	ND	ND
	10/23/2014	< 0.002	< 14	< 0.002	< 11	< 0.002	< 12	< 0.002	< 7.9	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 7.9	< 0.003	< 9.6	< 1.2	< 4200	ND	ND
	11/24/2014	< 0.002	< 14	< 0.002	< 11	< 0.002	< 12	< 0.002	< 7.9	< 0.002	< 8.1	< 0.0025	< 10	**0.0046**	**12**	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 7.9	< 0.003	< 9.6	< 1.2	< 4200	**0.0046**	**12**
	12/10/2014	< 0.002	< 14	< 0.002	< 11	< 0.002	< 12	< 0.002	< 7.9	**0.0064**	**26**	< 0.0025	< 10	**0.0072**	**18**	**0.0063**	**25**	< 0.0022	< 10	< 0.002	< 7.9	< 0.003	< 9.6	< 1.2	< 4200	**0.0199**	**69**
	1/20/2015	< 0.002	< 14	< 0.002	< 11	< 0.002	< 12	**0.011**	**44**	**0.064**	**260**	< 0.0025	< 10	**0.0082**	**21**	**0.015**	**60**	< 0.0022	< 10	< 0.002	< 7.9	< 0.003	< 9.6	< 1.2	< 4200	**0.0982**	**385**
	2/17/2015	< 0.002	< 14	< 0.002	< 11	< 0.002	< 12	< 0.002	< 7.9	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 7.9	< 0.003	< 9.6	< 1.2	< 4200	ND	ND
	3/26/2015	**0.0022**	**15**	**0.0034**	**18**	< 0.002	< 12	< 0.002	< 7.9	< 0.002	< 8.1	< 0.0025	< 10	**0.0048**	**12**	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 7.9	< 0.003	< 9.6	< 1.2	< 4200	**0.0104**	**45**
	4/30/2015	< 0.002	< 14	< 0.002	< 11	< 0.002	< 12	< 0.002	< 7.9	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 7.9	< 0.003	< 9.6	< 1.2	< 4200	ND	ND
	5/28/2015	< 0.002	< 14	< 0.002	< 11	< 0.002	< 12	< 0.002	< 7.9	**0.01**	**40**	< 0.0025	< 10	**0.0046**	**12**	**0.0045**	**18**	< 0.0022	< 10	< 0.002	< 7.9	< 0.003	< 9.6	< 1.2	< 4200	**0.0191**	**70**
	6/16/2015	< 0.002	< 14	< 0.002	< 11	< 0.002	< 12	< 0.002	< 7.9	**0.0055**	**22**	< 0.0025	< 10	< 0.0039	< 10	**0.0034**	**13**	< 0.0022	< 10	< 0.002	< 7.9	< 0.003	< 9.6	< 1.2	< 4200	**0.0089**	**35**

TABLE VI
ANALYTICAL RESULTS FOR CHEMICALS OF CONCERN IN SOIL VAPOR TREATMENT SYSTEM SAMPLES
COOPER DRUM SUPERFUND SITE
SOUTH GATE, CALIFORNIA

Location	Sample Date	PCE		TCE		1,2,3-TCP		cis-1,2-DCE		1,1-DCA		1,2-DCA		VC		1,1-DCE		1,2-DCP		trans-1,2-DCE		Benzene		TNMOC as Hexane		Total COCs	
		ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m³	ppmv	µg/m3
VGACE	7/7/2015	< 0.002	< 14	< 0.002	< 11	< 0.002	< 12	< 0.002	< 7.9	**0.0039**	**16**	< 0.0025	< 10	< 0.0039	< 10	**0.0026**	**10**	< 0.0022	< 10	< 0.002	< 7.9	< 0.003	< 9.6	< 1.2	< 4200	**0.0065**	**26**
	8/26/2015	< 0.002	< 14	< 0.002	< 11	< 0.002	< 12	**0.0038**	**15**	**0.014**	**57**	< 0.0025	< 10	< 0.0039	< 10	**0.0046**	**18**	< 0.0022	< 10	< 0.002	< 7.9	< 0.003	< 9.6	< 1.2	< 4200	**0.0224**	**90**
	9/16/2015	< 0.002	< 14	< 0.002	< 11	< 0.002	< 12	**0.0068**	**27**	**0.012**	**49**	< 0.0025	< 10	< 0.0039	< 10	**0.0025**	**9.9**	< 0.0022	< 10	< 0.002	< 7.9	< 0.003	< 9.6	< 1.2	< 4200	**0.0213**	**85.9**
	10/14/2015	< 0.002	< 14	< 0.002	< 11	< 0.002	< 12	**0.017**	**67**	**0.011**	**45**	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 7.9	< 0.003	< 9.6	< 1.2	< 4200	**0.028**	**112**
	11/18/2015	< 0.002	< 14	< 0.002	< 11	< 0.002	< 12	**0.024**	**95**	**0.0079**	**32**	< 0.0025	< 10	**0.004**	**10**	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 7.9	< 0.003	< 9.6	< 1.2	< 4200	**0.0359**	**137**
	12/9/2015	< 0.002	< 14	< 0.002	< 11	< 0.002	< 12	**0.027**	**110**	**0.0072**	**29**	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 7.9	< 0.003	< 9.6	< 1.2	< 4200	**0.0342**	**139**
	1/14/2016	< 0.002	< 14	< 0.002	< 11	< 0.002	< 12	**0.015**	**60**	**0.0035**	**14**	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 7.9	< 0.003	< 9.6	< 1.2	< 4200	**0.0185**	**74**
	2/17/2016	< 0.002	< 14	< 0.002	< 11	< 0.002	< 12	**0.056**	**220**	**0.0091**	**37**	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	**0.0032**	**13**	< 0.003	< 9.6	< 1.2	< 4200	**0.0683**	**270**
	3/23/2016	< 0.002	< 14	< 0.002	< 11	< 0.002	< 12	< 0.002	< 7.9	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 7.9	< 0.003	< 9.6	< 1.2	< 4200	ND	ND
	4/20/2016	< 0.002	< 14	< 0.002	< 11	< 0.002	< 12	< 0.002	< 7.9	< 0.002	< 8.1	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 7.9	< 0.003	< 9.6	< 1.2	< 4200	ND	ND
	7/20/2016	< 0.002	< 10	< 0.002	< 10	< 0.002	< 10	< 0.002	< 8	< 0.002	< 8	< 0.0025	< 10	< 0.0039	< 10	< 0.002	< 8	< 0.0022	< 10	< 0.002	< 8	< 0.003	< 10	< 1.2	< 4200	ND	ND
	10/19/2016	< 0.0005	< 3.4	< 0.0005	< 2.7	< 0.0005	< 3.0	< 0.0005	< 2.0	< 0.0005	< 2.0	< 0.00062	< 2.5	**0.0015**	**3.8**	< 0.0005	< 2.0	< 0.00055	< 2.5	< 0.0005	< 2.0	< 0.00075	< 2.4	< 1.2	< 4200	**0.0015**	**3.8**
	11/16/2016	< 0.001	< 6.8	< 0.001	< 5.4	< 0.001	< 6.0	**0.0019**	**7.5**	**0.0047**	**19**	< 0.0012	< 4.9	< 0.002	< 5.1	**0.0016**	**6.4**	< 0.0011	< 5.1	< 0.001	< 4.0	< 0.0015	< 4.8	< 1.2	< 4200	**0.0082**	**32.9**
	12/14/2016	< 0.001	< 6.8	< 0.001	< 5.4	< 0.001	< 6.0	**0.043**	**170**	**0.018**	**73**	< 0.0012	< 4.9	< 0.002	< 5.1	**0.0049**	**19**	< 0.0011	< 5.1	**0.0022**	**8.7**	< 0.0015	< 4.8	< 1.2	< 4200	**0.0681**	**270.7**
	3/22/2017	< 0.0005	< 3.4	< 0.0005	< 2.7	< 0.0005	< 3.0	**0.055**	**220**	**0.016**	**65**	< 0.00062	< 2.5	< 0.00098	< 2.5	**0.0033**	**13**	< 0.00055	< 2.5	**0.0022**	**8.7**	< 0.00075	< 2.4	< 1.2	< 4200	**0.0765**	**306.7**
	4/12/2017	< 0.002	< 14	< 0.002	< 11	< 0.002	< 12	**0.31**	**1200**	**0.086**	**350**	< 0.0025	< 10	**0.011**	**28**	**0.015**	**60**	< 0.0022	< 10	**0.014**	**56**	< 0.003	< 9.6	**1.3**	**4600**	**1.736**	**6294**
	5/17/2017	< 0.0005	< 3.4	**0.00083**	**4.5**	< 0.0005	< 3.0	**0.11**	**440**	**0.0074**	**30**	< 0.00062	< 2.5	< 0.00098	< 2.5	**0.002**	**7.9**	< 0.00055	< 2.5	**0.0041**	**16**	< 0.00075	< 2.4	< 1.2	< 4200	**0.12433**	**498.4**
	10/11/2017	< 0.002	< 14	< 0.002	< 11	< 0.002	< 12	< 0.002	< 7.9	**0.0047**	**19**	< 0.0025	< 10	**0.013**	**33**	< 0.002	< 7.9	< 0.0022	< 10	< 0.002	< 7.9	< 0.003	< 9.6	< 1.2	< 4200	**0.0177**	**52**
	11/29/2017	< 0.004	< 27	**0.016**	**86**	< 0.004	< 24	**0.083**	**330**	**0.012**	**49**	< 0.005	< 20	< 0.0078	< 20	**0.0088**	**35**	< 0.0044	< 20	**0.0042**	**17**	< 0.006	< 19	< 1.2	< 4200	**0.124**	**517**
	12/13/2017	< 0.0005	< 3.4	**0.011**	**59**	< 0.0005	< 3.0	**0.071**	**280**	**0.015**	**61**	< 0.00062	< 2.5	< 0.00098	< 2.5	**0.0012**	**4.8**	< 0.00055	< 2.5	**0.0016**	**6.4**	< 0.00075	< 2.4	< 1.2	< 4200	**0.0998**	**411.2**

Notes:

1. Results are reported in parts per million by volume (ppmv) and µg/m³ unless otherwise noted.
2. Samples were analyzed for volatile organic compounds using EPA Method TO-15.
3. Detected concentrations are shown in **BOLD** font.
4. Results are reported in ppmv and converted to µg/m³. The laboratory provides electronic data deliverables in units of ppbv only. Conversion from ppbv to µg/m³ using the same temperature, gas constant and molecular weights provided by the laboratory. A slight discrepancy may occur between this table and the laboratory report due to rounding of significant figures.
5. VINF was sampled from the influent to the cryogenic compression and condensation (C3) vapor treatment unit between 23 February 2011 and 14 December 2012. After the C3 unit was removed, VGAC1 was collected from the vapor influent location.

Abbreviations:

< = not detected at or above the laboratory reporting limit shown
ASTM = American Society for Testing and Materials
COCs = chemicals of concern
EPA = Environmental Protection Agency
J = The J qualifier indicates that the associated result is quantitatively uncertain. J qualifiers added during validation indicate a data limitation related to a quality control element that exceeds required acceptance limits.
VINF = vapor influent sample collected before the blower
VGACI = inlet to the primary vapor phase granular activated carbon vessel
VGACM = inlet to the secondary vapor phase granular activated carbon vessel
VGACE = treated vapor effluent

TABLE VII
GROUNDWATER ELEVATION 1998 - 2017
COOPER DRUM COMPANY SUPERFUND SITE
SOUTH GATE, CALIFORNIA

Well ID	Aquifer Zone	Date Measured	TOC Elevation (NAVD 88)	Depth to Groundwater (ft bTOC)	Groundwater Elevation (NAVD 88)
MW-1	Shallow/ Intermediate Gaspur	11/4/1998	104.88	40.20	64.68
		4/7/1999	104.88	40.52	64.36
		8/5/1999	104.88	40.64	64.24
		10/10/2000	104.88	42.81	62.07
		12/14/2000	104.88	42.97	61.91
		2/8/2001	104.88	42.47	62.41
		5/1/2003	104.88	44.74	60.14
		12/18/2003	104.88	45.58	59.30
		4/16/2004	104.88	NM	NM
		8/27/2004	104.88	NM	NM
		12/22/2004	104.88	46.65	58.23
		4/20/2005	104.88	46.04	58.84
		6/6/2006	104.88	44.12	60.76
		8/28/2006	104.88	44.23	60.65
		3/19/2008	104.88	45.12	59.76
		4/14/2008	104.88	45.10	59.78
		5/19/2009	104.88	46.82	58.06
		7/15/2010	104.88	48.89	55.99
		6/13/2011	104.88	49.25	55.63
		12/5/2011	104.88	49.05	55.83
		6/7/2012	104.88	49.16	55.72
		6/8/2012	104.88	49.16	55.72
		12/10/2012	104.88	44.54	60.34
		6/17/2013	104.88	46.09	58.79
		12/9/2013	104.88	51.24	53.64
		6/12/2014	104.88	52.00	52.88
		12/15/2014	104.88	53.40	51.48
		6/8/2015	104.88	54.00	50.88
		12/7/2015	104.88	55.59	49.29
		6/6/2016	104.88	56.36	48.52
		11/28/2016	104.88	57.62	47.26
		6/5/2017	104.88	58.70	46.18
		12/4/2017	104.88	59.10	45.78
MW-2	Shallow/ Intermediate Gaspur	11/4/1998	106.63	43.82	62.81
		4/7/1999	106.63	44.35	62.28
		8/5/1999	106.63	44.52	62.11
		10/10/2000	106.63	46.95	59.68
		12/14/2000	106.63	46.95	59.68
		2/8/2001	106.63	46.43	60.20
		5/1/2003	106.63	49.05	57.58
		12/18/2003	106.63	49.60	57.03

TABLE VII
GROUNDWATER ELEVATION 1998 - 2017
COOPER DRUM COMPANY SUPERFUND SITE
SOUTH GATE, CALIFORNIA

Well ID	Aquifer Zone	Date Measured	TOC Elevation (NAVD 88)	Depth to Groundwater (ft bTOC)	Groundwater Elevation (NAVD 88)
MW-2	Shallow/ Intermediate Gaspur	4/16/2004	106.63	50.02	56.61
		8/27/2004	106.63	50.64	55.99
		12/22/2004	106.63	51.14	55.49
		4/20/2005	106.63	50.54	56.09
		6/6/2006	106.63	48.79	57.84
		8/28/2006	106.63	48.78	57.85
		2/28/2007	106.63	48.52	58.11
		3/19/2008	106.63	49.76	56.87
		4/14/2008	106.63	49.40	57.23
		5/19/2008	106.63	51.25	55.38
		7/15/2010	106.63	53.56	53.07
MW-2A	Shallow Gaspur	6/13/2011	106.52	54.12	52.40
		9/26/2011	106.52	54.70	51.82
		12/5/2011	106.52	53.54	52.98
		3/26/2012	106.52	53.11	53.41
		6/7/2012	106.52	53.20	53.32
		6/13/2012	106.52	53.20	53.32
		12/10/2012	106.52	53.80	52.72
		6/17/2013	106.52	55.92	50.60
		12/9/2013	106.52	56.21	50.31
		6/12/2014	106.52	56.65	49.87
		12/15/2014	106.52	58.28	48.24
		6/8/2015	106.52	58.40	48.12
		12/7/2015	106.52	60.10	46.42
		6/6/2016	106.52	60.77	45.75
		11/28/2016	106.52	61.90	44.62
		6/5/2017	106.52	Dry	Dry
		12/4/2017	106.52	Dry	Dry
MW-2B	Shallow Gaspur	6/13/2011	106.24	53.81	52.43
		9/26/2011	106.24	54.50	51.74
		12/5/2011	106.24	53.56	52.68
		3/26/2012	106.24	53.27	52.97
		6/7/2012	106.24	53.00	53.24
		6/13/2012	106.24	53.00	53.24
		12/10/2012	106.24	53.81	52.43
		6/17/2013	106.24	55.94	50.30
		12/9/2013	106.24	57.70	48.54
		6/12/2014	106.24	56.41	49.83
		12/15/2014	106.24	58.32	47.92
		6/8/2015	106.24	58.22	48.02
		12/7/2015	106.24	59.98	46.26

TABLE VII
GROUNDWATER ELEVATION 1998 - 2017
COOPER DRUM COMPANY SUPERFUND SITE
SOUTH GATE, CALIFORNIA

Well ID	Aquifer Zone	Date Measured	TOC Elevation (NAVD 88)	Depth to Groundwater (ft bTOC)	Groundwater Elevation (NAVD 88)
MW-2B	Shallow Gaspur	6/6/2016	106.24	60.64	45.60
		11/28/2016	106.24	61.85	44.39
		6/5/2017	106.24	62.40	43.84
		12/4/2017	106.24	63.00	43.24
MW-2C	Intermediate Gaspur	6/13/2011	106.27	53.92	52.35
		9/26/2011	106.27	53.41	52.86
		12/5/2011	106.27	53.44	52.83
		3/26/2012	106.27	52.97	53.30
		6/7/2012	106.27	53.05	53.22
		6/13/2012	106.27	53.05	53.22
		12/10/2012	106.27	53.60	52.67
		6/17/2013	106.27	56.00	50.27
		12/9/2013	106.27	57.38	48.89
		6/12/2014	106.27	56.82	49.45
		12/15/2014	106.27	57.94	48.33
		6/8/2015	106.27	58.20	48.07
		12/7/2015	106.27	59.88	46.39
		6/6/2016	106.27	60.53	45.74
		11/28/2016	106.27	61.93	44.34
		6/5/2017	106.27	62.65	43.62
		12/4/2017	106.27	63.21	43.06
MW-3	Shallow Gaspur	11/4/1998	106.08	41.30	64.78
		4/7/1999	106.08	41.58	64.50
		8/5/1999	106.08	NM	NM
		10/10/2000	106.08	43.82	62.26
		12/14/2000	106.08	44.00	62.08
		2/8/2001	106.08	43.45	62.63
		5/1/2003	106.08	45.97	60.11
		12/18/2003	106.08	46.66	59.42
		4/16/2004	106.08	46.91	59.17
		8/27/2004	106.08	47.41	58.67
		12/22/2004	106.08	48.36	57.72
		4/20/2005	106.08	47.39	58.69
		6/6/2006	106.08	45.93	60.15
		8/28/2006	106.08	45.91	60.17
		2/28/2007	106.08	45.60	60.48
		3/19/2008	106.08	46.86	59.22
		4/14/2008	106.08	46.52	59.56
		5/19/2009	106.08	48.19	57.89

TABLE VII
GROUNDWATER ELEVATION 1998 - 2017
COOPER DRUM COMPANY SUPERFUND SITE
SOUTH GATE, CALIFORNIA

Well ID	Aquifer Zone	Date Measured	TOC Elevation (NAVD 88)	Depth to Groundwater (ft bTOC)	Groundwater Elevation (NAVD 88)
MW-4	Shallow/ Intermediate Gaspur	11/4/1998	104.93	42.06	62.87
		4/7/1999	104.93	42.60	62.33
		8/5/1999	104.93	42.88	62.05
		10/10/2000	104.93	45.40	59.53
		12/14/2000	104.93	45.32	59.61
		2/8/2001	104.93	44.70	60.23
		5/1/2003	104.93	47.38	57.55
		12/18/2003	104.93	48.17	56.76
		4/16/2004	104.93	48.45	56.48
		8/27/2004	104.93	48.97	55.96
		12/22/2004	104.93	49.44	55.49
		4/20/2005	104.93	48.88	56.05
		6/6/2006	104.93	NM	NM
		8/28/2006	104.93	47.08	57.85
		3/19/2008	104.93	47.62	57.31
		4/14/2008	104.93	47.72	57.21
		5/19/2009	104.93	49.56	55.37
		7/15/2010	104.93	51.61	53.32
		6/13/2011	104.93	52.29	52.64
		12/5/2011	104.93	51.89	53.04
		6/7/2012	104.93	51.31	53.62
		6/7/2012	104.93	51.31	53.62
		12/10/2012	104.93	51.91	53.02
		6/17/2013	104.93	53.83	51.10
		12/9/2013	104.93	54.75	50.18
		6/12/2014	104.93	55.18	49.75
		12/15/2014	104.93	56.64	48.29
		6/8/2015	104.93	56.62	48.31
		12/7/2015	104.93	58.92	46.01
		6/6/2016	104.93	59.58	45.35
		11/28/2016	104.93	60.76	44.17
		6/5/2017	104.93	61.72	43.21
		12/4/2017	104.93	62.02	42.91
MW-4B	Intermediate Gaspur	6/13/2011	105.06	52.88	52.18
		9/26/2011	105.06	53.41	51.65
		12/5/2011	105.06	52.46	52.60
		3/26/2012	105.06	52.10	52.96
		6/7/2012	105.06	51.91	53.15
		6/7/2012	105.06	51.91	53.15
		12/10/2012	105.06	52.54	52.52
		6/17/2013	105.06	54.23	50.83

TABLE VII
GROUNDWATER ELEVATION 1998 - 2017
COOPER DRUM COMPANY SUPERFUND SITE
SOUTH GATE, CALIFORNIA

Well ID	Aquifer Zone	Date Measured	TOC Elevation (NAVD 88)	Depth to Groundwater (ft bTOC)	Groundwater Elevation (NAVD 88)
MW-4B	Intermediate Gaspur	12/9/2013	105.06	54.79	50.27
		6/12/2014	105.06	55.43	49.63
		12/15/2014	105.06	56.77	48.29
		6/8/2015	105.06	57.22	47.84
		12/7/2015	105.06	59.00	46.06
		6/6/2016	105.06	59.64	45.42
		11/28/2016	105.06	60.79	44.27
		6/5/2017	105.06	62.40	42.66
		12/4/2017	105.06	62.72	42.34
MW-5	Perched/ Gaspur	11/4/1998	105.45	36.88	68.57
		4/6/1999	105.45	35.52	69.93
		8/5/1999	105.45	34.41	71.04
		10/10/2000	105.45	34.55	70.90
		12/14/2000	105.45	34.75	70.70
		2/8/2001	105.45	34.63	70.82
		5/1/2003	105.45	35.67	69.78
		12/18/2003	105.45	36.01	69.44
		4/16/2004	105.45	36.31	69.14
		8/27/2004	105.45	36.52	68.93
		12/22/2004	105.45	36.80	68.65
		4/20/2005	105.45	36.70	68.75
		6/6/2006	105.45	35.44	70.01
		8/28/2006	105.45	35.54	69.91
		2/28/2007	105.45	35.37	70.08
		3/19/2008	105.45	36.13	69.32
		4/14/2008	105.45	36.10	69.35
		5/19/2009	105.45	36.89	68.56
		7/15/2010	105.45	40.50	64.95
MW-8	Perched/ Gaspur	11/15/1998	105.26	42.02	63.24
		10/10/2000	105.26	45.23	60.03
		12/14/2000	105.26	45.30	59.96
		2/8/2001	105.26	44.67	60.59
		5/1/2003	105.26	47.52	57.74
		12/18/2003	105.26	48.25	57.01
		4/16/2004	105.26	48.62	56.64
		8/27/2004	105.26	45.59	59.67
		12/22/2004	105.26	49.80	55.46
		4/20/2005	105.26	49.18	56.08
		6/6/2006	105.26	47.15	58.11
		8/28/2006	105.26	45.40	59.86
		2/28/2007	105.26	46.96	58.30

TABLE VII
GROUNDWATER ELEVATION 1998 - 2017
COOPER DRUM COMPANY SUPERFUND SITE
SOUTH GATE, CALIFORNIA

Well ID	Aquifer Zone	Date Measured	TOC Elevation (NAVD 88)	Depth to Groundwater (ft bTOC)	Groundwater Elevation (NAVD 88)
MW-8	Perched/ Gaspur	3/19/2008	105.26	47.91	57.35
		4/14/2008	105.26	48.65	56.61
		5/19/2009	105.26	50.16	55.10
MW-10	Perched/ Gaspur	11/5/1998	105.88	42.98	62.90
		4/7/1999	105.88	43.60	62.28
		10/10/2000	105.88	46.32	59.56
		12/14/2000	105.88	46.37	59.51
		2/8/2001	105.88	45.80	60.08
		5/1/2003	105.88	48.43	57.45
		12/18/2003	105.88	49.23	56.65
		4/16/2004	105.88	49.51	56.37
		8/27/2004	105.88	50.11	55.77
		12/22/2004	105.88	50.66	55.22
		4/20/2005	105.88	50.08	55.80
		6/6/2006	105.88	48.19	57.69
		8/28/2006	105.88	48.26	57.62
		2/28/2007	105.88	47.95	57.93
		3/19/2008	105.88	49.04	56.84
		4/14/2008	105.88	48.96	56.92
		5/19/2009	105.88	50.83	55.05
MW-12	Perched/ Gaspur	11/5/1998	106.30	43.10	63.20
		10/10/2000	106.30	46.30	60.00
		12/14/2000	106.30	NM	NM
		2/8/2001	106.30	NM	NM
		5/1/2003	106.30	48.58	57.72
		12/18/2003	106.30	NM	NM
		4/16/2004	106.30	49.67	56.63
		8/27/2004	106.30	50.25	56.05
		12/22/2004	106.30	50.81	55.49
		4/20/2005	106.30	50.22	56.08
		6/6/2006	106.30	48.35	57.95
		8/28/2006	106.30	48.39	57.91
		3/19/2008	106.30	49.11	57.19
		4/14/2008	106.30	49.13	57.17
		5/19/2009	106.30	51.05	55.25
MW-14	Perched/ Gaspur	11/5/1998	104.27	33.90	70.37
		10/11/2000	104.27	34.70	69.57
		12/14/2000	104.27	NM	NM
		2/8/2001	104.27	NM	NM
		5/1/2003	104.27	NM	NM
		12/18/2003	104.27	42.17	62.10

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COOPER DRUM COMPANY SUPERFUND SITE
SOUTH GATE, CALIFORNIA

Well ID	Aquifer Zone	Date Measured	TOC Elevation (NAVD 88)	Depth to Groundwater (ft bTOC)	Groundwater Elevation (NAVD 88)
MW-14	Perched/ Gaspur	4/16/2004	104.27	40.78	63.49
		8/27/2004	104.27	43.17	61.10
		12/22/2004	104.27	43.49	60.78
		4/20/2005	104.27	34.74	69.53
		6/6/2006	104.27	34.48	69.79
		8/28/2006	104.27	34.89	69.38
		5/19/2009	104.27	43.98	60.29
MW-15	Intermediate Gaspur	12/14/2000	104.82	45.60	59.22
		2/8/2001	104.82	45.03	59.79
		5/1/2003	104.82	47.66	57.16
		12/18/2003	104.82	48.41	56.41
		4/16/2004	104.82	48.69	56.13
		8/27/2004	104.82	49.24	55.58
		12/22/2004	104.82	49.79	55.03
		4/20/2005	104.82	49.11	55.71
		6/6/2006	104.82	47.34	57.48
		8/28/2006	104.82	47.30	57.52
		2/28/2007	104.82	47.06	57.76
		3/19/2008	104.82	48.08	56.74
		4/14/2008	104.82	48.03	56.79
		5/4/2009	104.82	49.90	54.92
		5/19/2009	104.82	49.92	54.90
		7/15/2010	104.82	52.38	52.44
		6/17/2013	104.82	54.14	50.68
		12/9/2013	104.82	54.65	50.17
		3/27/2014	104.82	54.60	50.22
		6/11/2014	104.82	55.51	49.31
		12/15/2014	104.82	56.63	48.19
		6/8/2015	104.82	57.25	47.57
		12/7/2015	104.82	58.91	45.91
		6/6/2016	104.56	59.76	44.80
		11/28/2016	104.56	60.94	43.62
		6/5/2017	104.56	61.55	43.01
		12/5/2017	104.56	62.30	42.26
MW-15B	Lower Gaspur	5/4/2009	104.62	49.81	54.81
		5/19/2009	104.62	49.83	54.79
		7/15/2010	104.62	52.21	52.41
		6/13/2011	104.62	52.71	51.91
		12/5/2011	104.62	52.46	52.16
		6/7/2012	104.62	51.78	52.84
		6/8/2012	104.62	51.78	52.84

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COOPER DRUM COMPANY SUPERFUND SITE
SOUTH GATE, CALIFORNIA

Well ID	Aquifer Zone	Date Measured	TOC Elevation (NAVD 88)	Depth to Groundwater (ft bTOC)	Groundwater Elevation (NAVD 88)
MW-15B	Lower Gaspur	12/10/2012	104.62	52.40	52.22
		6/17/2013	104.62	53.91	50.71
		12/9/2013	104.62	54.49	50.13
		3/27/2014	104.62	54.52	50.10
		6/11/2014	104.62	55.38	49.24
		12/15/2014	104.62	56.50	48.12
		6/8/2015	104.62	57.13	47.49
		12/7/2015	104.62	59.07	45.55
		6/6/2016	104.71	59.59	45.12
		11/28/2016	104.71	60.78	43.93
		6/5/2017	104.71	61.42	43.29
		12/5/2017	104.71	62.02	42.69
MW-16	Exposition	12/14/2000	105.01	48.49	56.52
		2/8/2001	105.01	47.90	57.11
		5/1/2003	105.01	50.95	54.06
		12/18/2003	105.01	51.76	53.25
		4/16/2004	105.01	52.13	52.88
		8/27/2004	105.01	52.80	52.21
		12/22/2004	105.01	53.33	51.68
		4/20/2005	105.01	52.84	52.17
		6/6/2006	105.01	50.81	54.20
		8/28/2006	105.01	50.82	54.19
		2/28/2007	105.01	50.33	54.68
		3/19/2008	105.01	51.49	53.52
		4/14/2008	105.01	51.52	53.49
		5/19/2009	105.01	53.80	51.21
		7/15/2010	105.01	56.41	48.60
		6/13/2011	105.01	56.77	48.24
		12/5/2011	105.01	56.21	48.80
		6/7/2012	105.01	55.31	49.70
		6/7/2012	105.01	55.31	49.70
		12/10/2012	105.01	55.92	49.09
		6/17/2013	105.01	57.21	47.80
		12/9/2013	105.01	58.00	47.01
		6/9/2014	105.01	59.17	45.84
		12/15/2014	105.01	59.96	45.05
		6/8/2015	105.01	61.80	43.21
		12/7/2015	105.01	59.73	45.28
		6/6/2016	104.67	64.23	40.44

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Well ID	Aquifer Zone	Date Measured	TOC Elevation (NAVD 88)	Depth to Groundwater (ft bTOC)	Groundwater Elevation (NAVD 88)
MW-16	Exposition	11/28/2016	104.67	65.38	39.29
		6/5/2017	104.67	66.10	38.57
		12/5/2017	104.67	66.52	38.15
MW-17	Shallow Gaspur	12/14/2000	105.41	45.74	59.67
		2/8/2001	105.41	45.19	60.22
		5/1/2003	105.41	47.89	57.52
		12/18/2003	105.41	48.61	56.80
		4/16/2004	105.41	48.85	56.56
		8/27/2004	105.41	49.46	55.95
		12/22/2004	105.41	50.02	55.39
		4/20/2005	105.41	49.40	56.01
		6/6/2006	105.41	47.61	57.80
		8/28/2006	105.41	47.60	57.81
		2/28/2007	105.41	47.26	58.15
		3/19/2008	105.41	48.31	57.10
		4/14/2008	105.41	48.26	57.15
		5/19/2009	105.41	50.15	55.26
		7/15/2010	105.41	52.52	52.89
		6/13/2011	105.41	53.17	52.24
		12/5/2011	105.41	52.96	52.45
		6/7/2012	105.41	52.22	53.19
		6/7/2012	105.41	52.22	53.19
		12/10/2012	105.41	52.85	52.56
		6/17/2013	105.41	54.84	50.57
		12/9/2013	105.41	55.09	50.32
		6/11/2014	105.41	55.94	49.47
		12/15/2014	105.41	57.00	48.41
		6/8/2015	105.41	57.50	47.91
		12/7/2015	105.41	59.93	45.48
		6/6/2016	105.32	59.87	45.45
		11/28/2016	105.32	61.01	44.31
		6/5/2017	105.32	61.67	43.65
		12/5/2017	105.32	61.20	44.12
MW-18	Exposition	12/14/2000	105.47	50.36	55.11
		2/8/2001	105.47	49.79	55.68
		5/1/2003	105.47	52.97	52.50
		12/18/2003	105.47	53.83	51.64
		4/16/2004	105.47	54.24	51.23
		8/27/2004	105.47	55.00	50.47
		12/22/2004	105.47	55.56	49.91
		4/20/2005	105.47	55.23	50.24

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SOUTH GATE, CALIFORNIA

Well ID	Aquifer Zone	Date Measured	TOC Elevation (NAVD 88)	Depth to Groundwater (ft bTOC)	Groundwater Elevation (NAVD 88)
MW-18	Exposition	6/6/2006	105.47	NM	NM
		8/28/2006	105.47	52.86	52.61
		2/28/2007	105.47	52.28	53.19
		3/19/2008	105.47	53.53	51.94
		4/14/2008	105.47	53.63	51.84
		5/19/2009	105.47	56.01	49.46
		7/15/2010	105.47	58.66	46.81
		6/13/2011	105.47	59.02	46.45
		12/5/2011	105.47	58.31	47.16
		6/7/2012	105.47	57.38	48.09
		6/7/2012	105.47	57.38	48.09
		12/10/2012	105.47	57.89	47.58
		6/17/2013	105.47	59.00	46.47
		12/9/2013	105.47	60.22	45.25
		6/9/2014	105.47	61.43	44.04
		12/15/2014	105.47	63.19	42.28
		6/8/2015	105.47	63.53	41.94
		12/7/2015	105.47	60.02	45.45
		6/6/2016	105.21	66.90	38.31
		11/28/2016	105.21	68.16	37.05
		6/5/2017	105.21	68.61	36.60
		12/5/2017	105.21	69.16	36.05
MW-19	Shallow Gaspur	12/14/2000	106.10	45.91	60.19
		2/8/2001	106.10	45.39	60.71
		5/1/2003	106.10	48.10	58.00
		12/18/2003	106.10	48.86	57.24
		4/16/2004	106.10	49.10	57.00
		8/27/2004	106.10	49.70	56.40
		12/22/2004	106.10	50.25	55.85
		4/20/2005	106.10	49.73	56.37
		6/6/2006	106.10	48.03	58.07
		8/28/2006	106.10	47.94	58.16
		2/28/2007	106.10	47.66	58.44
		3/19/2008	106.10	48.69	57.41
		4/14/2008	106.10	48.64	57.46
		5/19/2009	106.10	50.49	55.61
		7/15/2010	106.10	52.88	53.22
		6/13/2011	106.10	53.52	52.58
		12/5/2011	106.10	53.31	52.79
		6/7/2012	106.10	52.64	53.46
		6/7/2012	106.10	52.64	53.46

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SOUTH GATE, CALIFORNIA

Well ID	Aquifer Zone	Date Measured	TOC Elevation (NAVD 88)	Depth to Groundwater (ft bTOC)	Groundwater Elevation (NAVD 88)
MW-19	Shallow Gaspur	12/10/2012	106.10	53.19	52.91
		6/17/2013	106.10	54.73	51.37
		12/9/2013	106.10	55.06	51.04
		6/11/2014	106.10	55.87	50.23
		12/15/2014	106.10	57.17	48.93
		6/8/2015	106.10	57.80	48.30
		12/7/2015	106.10	59.20	46.90
		6/6/2016	106.03	60.05	45.98
		11/28/2016	106.03	61.21	44.82
		6/5/2017	106.03	61.94	44.09
		12/4/2017	106.03	62.40	43.63
MW-20	Shallow Gaspur	5/1/2003	104.84	47.47	57.37
		12/18/2003	104.84	48.20	56.64
		4/16/2004	104.84	48.51	56.33
		8/27/2004	104.84	49.09	55.75
		12/22/2004	104.84	49.64	55.20
		4/20/2005	104.84	48.96	55.88
		6/6/2006	104.84	46.95	57.89
		8/28/2006	104.84	47.20	57.64
		2/28/2007	104.84	46.92	57.92
		3/19/2008	104.84	48.03	56.81
		4/14/2008	104.84	47.89	56.95
		5/19/2009	104.84	49.80	55.04
		7/15/2010	104.84	52.06	52.78
		6/13/2011	104.84	52.71	52.13
		12/5/2011	104.84	52.38	52.46
		6/7/2012	104.84	51.83	53.01
		6/13/2012	104.84	51.83	53.01
		12/10/2012	104.84	52.45	52.39
		6/17/2013	104.84	54.44	50.40
		12/9/2013	104.84	54.88	49.96
		6/10/2014	104.84	55.70	49.14
		12/15/2014	104.84	56.83	48.01
		6/8/2015	104.84	57.15	47.69
		12/7/2015	104.84	58.90	45.94
		6/6/2016	104.84	59.93	44.91
		11/28/2016	104.84	60.61	44.23
		6/5/2017	104.84	60.88	43.96
		12/4/2017	104.84	61.97	42.87

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Well ID	Aquifer Zone	Date Measured	TOC Elevation (NAVD 88)	Depth to Groundwater (ft bTOC)	Groundwater Elevation (NAVD 88)
MW-20B	Intermediate Gaspur	6/6/2006	104.46	46.82	57.64
		8/28/2006	104.46	46.80	57.66
		3/19/2008	104.46	48.13	56.33
		4/14/2008	104.46	47.51	56.95
		5/19/2009	104.46	49.41	55.05
		7/15/2010	104.46	51.73	52.73
		6/13/2011	104.46	52.30	52.16
		12/5/2011	104.46	52.02	52.44
		6/7/2012	104.46	51.39	53.07
		6/12/2012	104.46	51.39	53.07
		12/10/2012	104.46	52.00	52.46
		6/17/2013	104.46	54.24	50.22
		12/9/2013	104.46	54.43	50.03
		6/10/2014	104.46	55.38	49.08
		12/15/2014	104.46	56.40	48.06
		6/8/2015	104.46	57.25	47.21
		12/7/2015	104.46	58.41	46.05
		6/6/2016	104.46	59.08	45.38
		11/28/2016	104.46	60.27	44.19
		6/5/2017	104.46	60.93	43.53
		12/4/2017	104.46	62.02	42.44
MW-21	Shallow Gaspur	12/18/2003	105.62	48.85	56.77
		4/16/2004	105.62	49.19	56.43
		8/27/2004	105.62	49.75	55.87
		12/22/2004	105.62	50.32	55.30
		4/20/2005	105.62	49.67	55.95
		6/6/2006	105.62	47.64	57.98
		8/28/2006	105.62	47.80	57.82
		2/28/2007	105.62	47.54	58.08
		3/19/2008	105.62	48.75	56.87
		4/14/2008	105.62	48.61	57.01
		5/19/2009	105.62	50.46	55.16
		7/15/2010	105.62	52.83	52.79
		6/13/2011	105.62	53.44	52.18
		12/5/2011	105.62	53.01	52.61
		6/7/2012	105.62	51.39	54.23
		6/7/2012	105.62	52.46	53.16
		6/12/2012	105.62	52.46	53.16
		12/10/2012	105.62	53.13	52.49
		6/17/2013	105.62	55.80	49.82
		12/9/2013	105.62	54.84	50.78

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Well ID	Aquifer Zone	Date Measured	TOC Elevation (NAVD 88)	Depth to Groundwater (ft bTOC)	Groundwater Elevation (NAVD 88)
MW-21	Shallow Gaspur	6/10/2014	105.62	56.52	49.10
		12/15/2014	105.62	56.03	49.59
		6/8/2015	105.62	57.75	47.87
		12/7/2015	105.62	59.56	46.06
		6/6/2016	105.62	60.02	45.60
		11/28/2016	105.62	61.30	44.32
		6/5/2017	105.62	62.10	43.52
		12/4/2017	105.62	62.70	42.92
MW-22	Shallow Gaspur	12/18/2003	105.44	48.85	56.59
		4/16/2004	105.44	49.17	56.27
		8/27/2004	105.44	49.73	55.71
		12/22/2004	105.44	50.20	55.24
		4/20/2005	105.44	49.63	55.81
		6/6/2006	105.44	47.85	57.59
		8/28/2006	105.44	47.84	57.60
		2/28/2007	105.44	47.58	57.86
		3/19/2008	105.44	48.57	56.87
		4/14/2008	105.44	48.57	56.87
		5/19/2009	105.44	50.41	55.03
		7/15/2010	105.44	52.79	52.65
		6/13/2011	105.44	NM	NM
		12/5/2011	105.44	53.16	52.28
		6/7/2012	105.44	52.40	53.04
		6/13/2012	105.44	52.40	53.04
		12/11/2012	105.44	53.00	52.44
		6/17/2013	105.44	54.46	50.98
		12/9/2013	105.44	55.09	50.35
		6/10/2014	105.44	55.74	49.70
		12/15/2014	105.44	57.20	48.24
		6/8/2015	105.44	57.66	47.78
		12/7/2015	105.44	59.45	45.99
		6/6/2016	105.32	60.09	45.23
		11/28/2016	105.32	61.34	43.98
		6/5/2017	105.32	61.84	43.48
		12/4/2017	105.32	62.45	42.87
MW-23	Shallow Gaspur	12/18/2003	106.09	49.04	57.05
		4/16/2004	106.09	49.34	56.75
		8/27/2004	106.09	49.89	56.20
		12/22/2004	106.09	50.41	55.68
		4/20/2005	106.09	49.88	56.21
		6/6/2006	106.09	48.17	57.92

TABLE VII
GROUNDWATER ELEVATION 1998 - 2017
COOPER DRUM COMPANY SUPERFUND SITE
SOUTH GATE, CALIFORNIA

Well ID	Aquifer Zone	Date Measured	TOC Elevation (NAVD 88)	Depth to Groundwater (ft bTOC)	Groundwater Elevation (NAVD 88)
MW-23	Shallow Gaspur	8/28/2006	106.09	48.12	57.97
		2/28/2007	106.09	47.82	58.27
		3/19/2008	106.09	48.83	57.26
		4/14/2008	106.09	48.81	57.28
		5/19/2009	106.09	50.55	55.54
		7/15/2010	106.09	53.02	53.07
		6/13/2011	106.09	53.73	52.36
		12/5/2011	106.09	53.41	52.68
		6/8/2012	106.09	53.41	52.68
		12/11/2012	106.09	53.31	52.78
		6/17/2013	106.09	55.89	50.20
		12/9/2013	106.09	56.24	49.85
		6/9/2014	106.09	56.15	49.94
		12/15/2014	106.09	57.40	48.69
		6/8/2015	106.09	58.20	47.89
		12/7/2015	106.09	59.52	46.57
		6/6/2016	106.09	60.29	45.80
		11/28/2016	106.09	61.37	44.72
		6/5/2017	106.09	62.00	44.09
		12/4/2017	106.09	62.50	43.59
MW-23A	Shallow Gaspur	9/26/2011	105.51	53.62	51.89
		12/5/2011	105.51	58.22	47.29
		3/26/2012	105.51	52.51	53.00
		6/7/2012	105.51	52.14	53.37
		6/8/2012	105.51	52.14	53.37
		12/12/2012	105.51	52.72	52.79
		6/17/2013	105.51	54.18	51.33
		12/9/2013	105.51	54.78	50.73
		6/10/2014	105.51	55.51	50.00
		12/15/2014	105.51	56.72	48.79
		6/8/2015	105.51	57.37	48.14
		12/7/2015	105.51	58.85	46.66
		6/6/2016	105.51	59.54	45.97
		11/28/2016	105.51	60.72	44.79
		6/9/2017	105.51	61.40	44.11
		12/4/2017	105.51	61.94	43.57
MW-23B	Lower Gaspur	5/19/2009	106.06	52.44	53.62
		7/15/2010	106.06	54.80	51.26
		6/13/2011	106.06	53.34	52.72
		12/5/2011	106.06	54.90	51.16
		6/7/2012	106.06	54.20	51.86

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COOPER DRUM COMPANY SUPERFUND SITE
SOUTH GATE, CALIFORNIA

Well ID	Aquifer Zone	Date Measured	TOC Elevation (NAVD 88)	Depth to Groundwater (ft bTOC)	Groundwater Elevation (NAVD 88)
MW-23B	Lower Gaspur	6/12/2012	106.06	54.20	51.86
		12/10/2012	106.06	52.79	53.27
		6/17/2013	106.06	56.22	49.84
		12/9/2013	106.06	56.40	49.66
		6/9/2014	106.06	57.62	48.44
		12/15/2014	106.06	59.13	46.93
		6/8/2015	106.06	59.82	46.24
		12/7/2015	106.06	60.68	45.38
		6/6/2016	106.06	61.47	44.59
		11/28/2016	106.06	62.52	43.54
		6/5/2017	106.06	NM	NM
		12/4/2017	106.06	63.80	42.26
MW-24	Shallow Gaspur	12/18/2003	104.04	47.88	56.16
		4/16/2004	104.04	48.21	55.83
		8/27/2004	104.04	48.76	55.28
		12/22/2004	104.04	49.23	54.81
		4/20/2005	104.04	48.60	55.44
		6/6/2006	104.04	46.82	57.22
		8/28/2006	104.04	46.80	57.24
		2/28/2007	104.04	46.58	57.46
		3/19/2008	104.04	47.67	56.37
		4/14/2008	104.04	47.61	56.43
		5/4/2009	104.04	49.41	54.63
		5/19/2009	104.04	49.44	54.60
		7/15/2010	104.04	51.83	52.21
		6/13/2011	104.04	52.30	51.74
		12/5/2011	104.04	52.09	51.95
		6/7/2012	104.04	51.34	52.70
		6/8/2012	104.04	51.34	52.70
		12/10/2012	104.04	52.21	51.83
		6/17/2013	104.04	53.18	50.86
		12/9/2013	104.04	53.86	50.18
		3/27/2014	104.04	54.08	49.96
		6/9/2014	104.04	54.75	49.29
		12/15/2014	104.04	56.10	47.94
		6/8/2015	104.04	56.79	47.25
		12/7/2015	104.04	58.48	45.56
		6/6/2016	103.96	59.25	44.71
		11/28/2016	103.96	60.34	43.62
		6/9/2017	103.96	61.00	42.96
		12/4/2017	103.96	61.56	42.40

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COOPER DRUM COMPANY SUPERFUND SITE
SOUTH GATE, CALIFORNIA

Well ID	Aquifer Zone	Date Measured	TOC Elevation (NAVD 88)	Depth to Groundwater (ft bTOC)	Groundwater Elevation (NAVD 88)
MW-25	Intermediate Gaspur	12/18/2003	103.84	47.80	56.04
		4/16/2004	103.84	48.12	55.72
		8/27/2004	103.84	48.67	55.17
		12/22/2004	103.84	49.24	54.60
		4/20/2005	103.84	48.50	55.34
		6/6/2006	103.84	46.74	57.10
		8/28/2006	103.84	46.68	57.16
		2/28/2007	103.84	46.45	57.39
		3/19/2008	103.84	47.57	56.27
		4/14/2008	103.84	47.50	56.34
		5/4/2009	103.84	49.21	54.63
		5/19/2009	103.84	49.35	54.49
		7/15/2010	103.84	51.82	52.02
		6/13/2011	103.84	52.23	51.61
		12/5/2011	103.84	51.92	51.92
		6/7/2012	103.84	51.32	52.52
		6/12/2012	103.84	51.32	52.52
		12/10/2012	103.84	51.86	51.98
		6/17/2013	103.84	53.03	50.81
		12/9/2013	103.84	53.79	50.05
		3/27/2014	103.84	54.02	49.82
		6/10/2014	103.84	54.62	49.22
		12/15/2014	103.84	56.24	47.60
		6/8/2015	103.84	56.70	47.14
		12/7/2015	103.84	58.38	45.46
		6/6/2016	103.74	59.22	44.52
		11/28/2016	103.74	60.30	43.44
		6/9/2017	103.74	61.05	42.69
		12/4/2017	103.74	61.52	42.22
MW-25B	Lower Gaspur	3/19/2008	103.58	47.42	56.16
		4/14/2008	103.58	47.43	56.15
		5/4/2009	103.58	49.31	54.27
		5/19/2009	103.58	49.27	54.31
		7/15/2010	103.58	51.63	51.95
		6/13/2011	103.58	52.17	51.41
		12/5/2011	103.58	51.84	51.74
		6/7/2012	103.58	51.23	52.35
		6/12/2012	103.58	51.23	52.35
		12/10/2012	103.58	51.53	52.05
		6/17/2013	103.58	52.90	50.68
		12/9/2013	103.58	53.60	49.98

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GROUNDWATER ELEVATION 1998 - 2017
COOPER DRUM COMPANY SUPERFUND SITE
SOUTH GATE, CALIFORNIA

Well ID	Aquifer Zone	Date Measured	TOC Elevation (NAVD 88)	Depth to Groundwater (ft bTOC)	Groundwater Elevation (NAVD 88)
MW-25B	Lower Gaspur	3/27/2014	103.58	53.98	49.60
		6/10/2014	103.58	54.54	49.04
		12/15/2014	103.58	55.90	47.68
		6/8/2015	103.58	56.62	46.96
		12/7/2015	103.58	58.35	45.23
		6/6/2016	103.54	59.24	44.30
		11/28/2016	103.54	60.40	43.14
		6/9/2017	103.54	61.06	42.48
		12/4/2017	103.54	61.62	41.92
MW-26	Exposition	12/18/2003	103.99	52.24	51.75
		4/16/2004	103.99	52.76	51.23
		8/27/2004	103.99	53.47	50.52
		12/22/2004	103.99	54.00	49.99
		4/20/2005	103.99	53.54	50.45
		6/6/2006	103.99	51.35	52.64
		8/28/2006	103.99	51.35	52.64
		2/28/2007	103.99	50.88	53.11
		3/19/2008	103.99	52.11	51.88
		4/14/2008	103.99	52.18	51.81
		5/19/2009	103.99	54.53	49.46
		7/15/2010	103.99	57.17	46.82
		6/13/2011	103.99	57.50	46.49
		12/5/2011	103.99	51.92	52.07
		3/26/2012	103.99	56.26	47.73
		6/7/2012	103.99	55.99	48.00
		12/10/2012	103.99	56.52	47.47
		6/17/2013	103.99	57.38	46.61
		12/9/2013	103.99	58.61	45.38
		3/27/2014	103.99	59.30	44.69
		6/10/2014	103.99	59.91	44.08
		12/15/2014	103.99	60.87	43.12
		6/8/2015	103.99	62.86	41.13
		12/7/2015	103.99	64.45	39.54
		6/6/2016	103.86	65.42	38.44
		11/28/2016	103.86	66.62	37.24
		6/9/2017	103.86	67.27	36.59
		12/4/2017	103.86	67.58	36.28
MW-27	Intermediate Gaspur	12/18/2003	103.67	47.86	55.81
		4/16/2004	103.67	48.16	55.51
		8/27/2004	103.67	48.66	55.01
		12/22/2004	103.67	49.16	54.51

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COOPER DRUM COMPANY SUPERFUND SITE
SOUTH GATE, CALIFORNIA

Well ID	Aquifer Zone	Date Measured	TOC Elevation (NAVD 88)	Depth to Groundwater (ft bTOC)	Groundwater Elevation (NAVD 88)
MW-27	Intermediate Gaspur	4/20/2005	103.67	48.57	55.10
		6/6/2006	103.67	46.77	56.90
		8/28/2006	103.67	46.74	56.93
		2/28/2007	103.67	46.52	57.15
		3/19/2008	103.67	47.51	56.16
		4/14/2008	103.67	47.53	56.14
		5/4/2009	103.67	49.39	54.28
		5/19/2009	103.67	49.44	54.23
		7/15/2010	103.67	51.80	51.87
		6/13/2011	103.67	52.38	51.29
		12/5/2011	103.67	51.86	51.81
		6/7/2012	103.67	51.36	52.31
		6/8/2012	103.67	51.36	52.31
		12/10/2012	103.67	51.92	51.75
		6/17/2013	103.67	53.02	50.65
		12/9/2013	103.67	53.77	49.90
		3/27/2014	103.67	54.07	49.60
		6/10/2014	103.67	54.65	49.02
		12/15/2014	103.67	56.08	47.59
		6/8/2015	103.67	56.84	46.83
		12/7/2015	103.67	58.41	45.26
		6/6/2016	103.60	59.25	44.35
		11/28/2016	103.60	60.35	43.25
		6/9/2017	103.60	61.23	42.37
		12/4/2017	103.60	61.54	42.06
MW-28	Lower Gaspur	12/18/2003	103.58	48.25	55.33
		4/16/2004	103.58	48.59	54.99
		8/27/2004	103.58	49.09	54.49
		12/22/2004	103.58	49.57	54.01
		4/20/2005	103.58	48.94	54.64
		6/6/2006	103.58	46.90	56.68
		8/28/2006	103.58	46.91	56.67
		2/28/2007	103.58	46.73	56.85
		3/19/2008	103.58	47.79	55.79
		4/14/2008	103.58	47.78	55.80
		5/4/2009	103.58	49.65	53.93
		5/19/2009	103.58	49.71	53.87
		7/15/2010	103.58	52.10	51.48
		6/13/2011	103.58	52.51	51.07
		6/7/2012	103.58	51.43	52.15
		6/12/2012	103.58	51.43	52.15

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SOUTH GATE, CALIFORNIA

Well ID	Aquifer Zone	Date Measured	TOC Elevation (NAVD 88)	Depth to Groundwater (ft bTOC)	Groundwater Elevation (NAVD 88)
MW-28	Lower Gaspur	12/10/2012	103.58	52.01	51.57
		6/17/2013	103.58	53.01	50.57
		12/9/2013	103.58	53.84	49.74
		3/27/2014	103.58	54.17	49.41
		6/10/2014	103.58	54.75	48.83
		12/15/2014	103.58	56.17	47.41
		6/8/2015	103.58	57.01	46.57
		12/7/2015	103.58	58.59	44.99
		6/6/2016	103.53	59.42	44.11
		11/28/2016	103.53	60.69	42.84
		6/9/2017	103.53	61.20	42.33
		12/4/2017	103.53	61.76	41.77
MW-29	Intermediate Gaspur	12/18/2003	103.18	47.42	55.76
		4/16/2004	103.18	47.71	55.47
		8/27/2004	103.18	48.22	54.96
		12/22/2004	103.18	48.74	54.44
		4/20/2005	103.18	48.12	55.06
		6/6/2006	103.18	46.33	56.85
		8/28/2006	103.18	46.30	56.88
		2/28/2007	103.18	46.01	57.17
		3/19/2008	103.18	47.23	55.95
		4/14/2008	103.18	47.08	56.10
		5/4/2009	103.18	48.95	54.23
		5/19/2009	103.18	48.95	54.23
		7/15/2010	103.18	51.34	51.84
		6/13/2011	103.18	51.96	51.22
		12/5/2011	103.18	51.41	51.77
		6/7/2012	103.18	50.82	52.36
		6/8/2012	103.18	50.82	52.36
		12/10/2012	103.18	51.42	51.76
		6/17/2013	103.18	52.52	50.66
		12/9/2013	103.18	53.22	49.96
		3/27/2014	103.18	53.52	49.66
		6/10/2014	103.18	54.10	49.08
		12/15/2014	103.18	55.61	47.57
		6/8/2015	103.18	56.33	46.85
		12/7/2015	103.18	57.84	45.34
		6/6/2016	102.95	58.73	44.22
		11/28/2016	102.95	59.90	43.05
		6/9/2017	102.95	60.54	42.41
		12/4/2017	102.95	61.04	41.91

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COOPER DRUM COMPANY SUPERFUND SITE
SOUTH GATE, CALIFORNIA

Well ID	Aquifer Zone	Date Measured	TOC Elevation (NAVD 88)	Depth to Groundwater (ft bTOC)	Groundwater Elevation (NAVD 88)
MW-29A	Shallow Gaspur	3/19/2008	102.92	46.84	56.08
		4/14/2008	102.92	46.80	56.12
		5/4/2009	102.92	48.69	54.23
		5/19/2009	102.92	48.68	54.24
		7/15/2010	102.92	51.14	51.78
		6/13/2011	102.92	51.63	51.29
		12/5/2011	102.92	51.17	51.75
		6/7/2012	102.92	50.62	52.30
		6/7/2012	102.92	50.62	52.30
		12/10/2012	102.92	51.12	51.80
		6/17/2013	102.92	52.34	50.58
		12/9/2013	102.92	52.97	49.95
		3/27/2014	102.92	53.44	49.48
		6/9/2014	102.92	54.92	48.00
		12/15/2014	102.92	55.34	47.58
		6/8/2015	102.92	56.09	46.83
		12/7/2015	102.92	57.65	45.27
		6/6/2016	102.95	58.43	44.52
		11/28/2016	102.95	59.50	43.45
		6/5/2017	102.95	60.54	42.41
		12/4/2017	102.95	60.77	42.18
MW-30	Lower Gaspur	12/18/2003	103.13	47.94	55.19
		4/16/2004	103.13	47.33	55.80
		8/27/2004	103.13	48.84	54.29
		12/22/2004	103.13	49.35	53.78
		4/20/2005	103.13	48.70	54.43
		6/6/2006	103.13	46.90	56.23
		8/28/2006	103.13	46.88	56.25
		2/28/2007	103.13	46.60	56.53
		3/19/2008	103.13	47.71	55.42
		4/14/2008	103.13	47.70	55.43
		5/4/2009	103.13	49.62	53.51
		5/19/2009	103.13	49.63	53.50
		7/15/2010	103.13	52.04	51.09
		6/13/2011	103.13	52.58	50.55
		12/5/2011	103.13	52.07	51.06
		6/7/2012	103.13	51.48	51.65
		6/12/2012	103.13	51.48	51.65
		12/10/2012	103.13	52.12	51.01
		6/17/2013	103.13	54.11	49.02

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SOUTH GATE, CALIFORNIA

Well ID	Aquifer Zone	Date Measured	TOC Elevation (NAVD 88)	Depth to Groundwater (ft bTOC)	Groundwater Elevation (NAVD 88)
MW-30	Lower Gaspur	12/9/2013	103.13	53.87	49.26
		3/27/2014	103.13	54.23	48.90
		6/9/2014	103.13	54.88	48.25
		12/15/2014	103.13	56.35	46.78
		6/8/2015	103.13	57.21	45.92
		12/7/2015	103.13	58.90	44.23
		6/6/2016	103.09	59.41	43.68
		11/28/2016	103.09	60.58	42.51
		6/9/2017	103.09	61.31	41.78
		12/4/2017	103.09	61.70	41.39
MW-31	Intermediate Gaspur	12/18/2003	103.36	47.43	55.93
		4/16/2004	103.36	47.73	55.63
		8/27/2004	103.36	48.27	55.09
		12/22/2004	103.36	48.66	54.70
		4/20/2005	103.36	48.20	55.16
		6/6/2006	103.36	46.48	56.88
		8/28/2006	103.36	46.28	57.08
		2/28/2007	103.36	46.09	57.27
		3/19/2008	103.36	47.26	56.10
		4/14/2008	103.36	47.14	56.22
		5/4/2009	103.36	48.99	54.37
		5/19/2009	103.36	49.00	54.36
		7/15/2010	103.36	51.41	51.95
		6/13/2011	103.36	52.04	51.32
		12/5/2011	103.36	51.62	51.74
		6/7/2012	103.36	51.03	52.33
		6/7/2012	103.36	51.03	52.33
		12/10/2012	103.36	51.62	51.74
		6/17/2013	103.36	52.62	50.74
		12/9/2013	103.36	53.31	50.05
		3/27/2014	103.36	53.73	49.63
		6/9/2014	103.36	54.23	49.13
		12/15/2014	103.36	55.61	47.75
		6/8/2015	103.36	56.44	46.92
		12/7/2015	103.36	57.98	45.38
		6/6/2016	103.30	58.85	44.45
		11/28/2016	103.30	59.98	43.32
		6/9/2017	103.30	60.65	42.65
		12/4/2017	103.30	61.24	42.06

TABLE VII
GROUNDWATER ELEVATION 1998 - 2017
COOPER DRUM COMPANY SUPERFUND SITE
SOUTH GATE, CALIFORNIA

Well ID	Aquifer Zone	Date Measured	TOC Elevation (NAVD 88)	Depth to Groundwater (ft bTOC)	Groundwater Elevation (NAVD 88)
MW-31A	Shallow Gaspur	3/19/2008	103.08	46.78	56.30
		4/14/2008	103.08	46.70	56.38
		5/4/2009	103.08	48.55	54.53
		5/19/2009	103.08	48.56	54.52
		7/15/2010	103.08	50.92	52.16
		6/13/2011	103.08	51.50	51.58
		12/5/2011	103.08	51.22	51.86
		6/7/2012	103.08	50.53	52.55
		6/7/2012	103.08	50.53	52.55
		12/10/2012	103.08	50.92	52.16
		6/17/2013	103.08	52.14	50.94
		12/9/2013	103.08	52.92	50.16
		3/27/2014	103.08	53.23	49.85
		6/9/2014	103.08	53.71	49.37
		12/15/2014	103.08	55.00	48.08
		6/8/2015	103.08	55.94	47.14
		12/7/2015	103.08	57.48	45.60
		6/6/2016	103.07	58.18	44.89
		11/28/2016	103.07	59.29	43.78
		6/9/2017	103.07	60.03	43.04
		12/4/2017	103.07	60.64	42.43
MW-31B	Lower Gaspur	3/19/2008	103.17	47.34	55.83
		4/14/2008	103.17	47.40	55.77
		5/4/2009	103.17	49.25	53.92
		5/19/2009	103.17	49.27	53.90
		7/15/2010	103.17	51.71	51.46
		6/13/2011	103.17	52.20	50.97
		12/5/2011	103.17	51.91	51.26
		6/7/2012	103.17	51.18	51.99
		6/8/2012	103.17	51.18	51.99
		12/10/2012	103.17	51.82	51.35
		6/17/2013	103.17	52.70	50.47
		12/9/2013	103.17	53.53	49.64
		3/27/2014	103.17	53.92	49.25
		6/9/2014	103.17	54.43	48.74
		12/15/2014	103.17	55.84	47.33
		6/8/2015	103.17	56.77	46.40
		12/7/2015	103.17	58.30	44.87
		6/6/2016	103.15	59.07	44.08

TABLE VII
GROUNDWATER ELEVATION 1998 - 2017
COOPER DRUM COMPANY SUPERFUND SITE
SOUTH GATE, CALIFORNIA

Well ID	Aquifer Zone	Date Measured	TOC Elevation (NAVD 88)	Depth to Groundwater (ft bTOC)	Groundwater Elevation (NAVD 88)
MW-31B	Lower Gaspur	11/28/2016	103.15	60.13	43.02
		6/9/2017	103.15	60.90	42.25
		12/4/2017	103.15	61.45	41.70
MW-32	Exposition	12/18/2003	103.33	51.74	51.59
		4/16/2004	103.33	52.26	51.07
		8/27/2004	103.33	52.97	50.36
		12/22/2004	103.33	53.50	49.83
		4/20/2005	103.33	53.07	50.26
		6/6/2006	103.33	50.87	52.46
		8/28/2006	103.33	50.90	52.43
		2/28/2007	103.33	50.37	52.96
		3/19/2008	103.33	51.54	51.79
		4/14/2008	103.33	51.71	51.62
		5/19/2009	103.33	54.07	49.26
		7/15/2010	103.33	56.68	46.65
		6/13/2011	103.33	57.12	46.21
		12/5/2011	103.33	56.32	47.01
		6/7/2012	103.33	55.52	47.81
		6/7/2012	103.33	55.52	47.81
		12/10/2012	103.33	55.92	47.41
		6/17/2013	103.33	56.92	46.41
		3/27/2014	103.33	58.70	44.63
		6/11/2014	103.33	59.41	43.92
		12/15/2014	103.33	61.31	42.02
		6/8/2015	103.33	62.50	40.83
		12/7/2015	103.33	64.04	39.29
		6/6/2016	103.27	65.02	38.25
		11/28/2016	103.27	66.19	37.08
		6/9/2017	103.27	66.73	36.54
		12/4/2017	103.27	67.17	36.10
MW-33A	Shallow Gaspur	6/6/2006	104.96	46.73	58.23
		8/28/2006	104.96	47.20	57.76
		3/19/2008	104.96	47.82	57.14
		4/14/2008	104.96	47.92	57.04
		5/19/2009	104.96	49.84	55.12
		7/15/2010	104.96	52.14	52.82
		6/13/2011	104.96	52.78	52.18
		12/5/2011	104.96	52.49	52.47
		6/7/2012	104.96	51.84	53.12
		6/8/2012	104.96	51.84	53.12
		12/10/2012	104.96	52.51	52.45

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GROUNDWATER ELEVATION 1998 - 2017
COOPER DRUM COMPANY SUPERFUND SITE
SOUTH GATE, CALIFORNIA

Well ID	Aquifer Zone	Date Measured	TOC Elevation (NAVD 88)	Depth to Groundwater (ft bTOC)	Groundwater Elevation (NAVD 88)
MW-33A	Shallow Gaspur	6/17/2013	104.96	54.54	50.42
		12/9/2013	104.96	55.10	49.86
		6/9/2014	104.96	55.64	49.32
		12/15/2014	104.96	56.88	48.08
		6/8/2015	104.96	57.05	47.91
		12/7/2015	104.96	58.84	46.12
		6/6/2016	104.96	59.60	45.36
		11/28/2016	104.96	60.72	44.24
		6/9/2017	104.96	61.12	43.84
		12/4/2017	104.96	61.81	43.15
MW-33B	Intermediate Gaspur	6/6/2006	104.72	47.02	57.70
		8/28/2006	104.72	47.03	57.69
		3/19/2008	104.72	47.53	57.19
		4/14/2008	104.72	47.78	56.94
		5/19/2009	104.72	49.67	55.05
		7/15/2010	104.72	51.93	52.79
		6/13/2011	104.72	52.51	52.21
		12/5/2011	104.72	52.25	52.47
		6/7/2012	104.72	51.59	53.13
		6/8/2012	104.72	51.59	53.13
		12/10/2012	104.72	52.30	52.42
		6/17/2013	104.72	54.44	50.28
		12/9/2013	104.72	54.92	49.80
		6/9/2014	104.72	55.55	49.17
		12/15/2014	104.72	56.70	48.02
		6/8/2015	104.72	57.00	47.72
		12/7/2015	104.72	58.79	45.93
		6/6/2016	104.72	59.46	45.26
		11/28/2016	104.72	60.60	44.12
		6/9/2017	104.72	61.16	43.56
		12/4/2017	104.72	61.61	43.11
MW-34	Shallow Gaspur	3/19/2008	103.24	46.95	56.29
		4/14/2008	103.24	46.97	56.27
		5/4/2009	103.24	48.86	54.38
		5/19/2009	103.24	48.90	54.34
		7/15/2010	103.24	51.32	51.92
		6/13/2011	103.24	51.88	51.36
		12/5/2011	103.24	51.58	51.66
		6/7/2012	103.24	50.86	52.38
		6/12/2012	103.24	50.86	52.38
		12/10/2012	103.24	51.38	51.86

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COOPER DRUM COMPANY SUPERFUND SITE
SOUTH GATE, CALIFORNIA

Well ID	Aquifer Zone	Date Measured	TOC Elevation (NAVD 88)	Depth to Groundwater (ft bTOC)	Groundwater Elevation (NAVD 88)
MW-34	Shallow Gaspur	6/17/2013	103.24	52.48	50.76
		12/9/2013	103.24	53.27	49.97
		3/27/2014	103.24	53.55	49.69
		6/9/2014	103.24	54.08	49.16
		12/15/2014	103.24	55.40	47.84
		6/8/2015	103.24	56.21	47.03
		12/7/2015	103.24	57.82	45.42
		6/6/2016	103.24	58.35	44.89
		11/28/2016	103.24	59.47	43.77
		6/9/2017	103.24	60.46	42.78
		12/4/2017	103.24	60.83	42.41
MW-35	Lower Gaspur	3/19/2008	103.27	47.11	56.16
		4/14/2008	103.27	47.53	55.74
		5/4/2009	103.27	49.02	54.25
		5/19/2009	103.27	49.08	54.19
		7/15/2010	103.27	51.54	51.73
		6/13/2011	103.27	52.03	51.24
		12/5/2011	103.27	51.71	51.56
		6/7/2012	103.27	51.09	52.18
		6/8/2012	103.27	51.09	52.18
		12/10/2012	103.27	51.62	51.65
		6/17/2013	103.27	52.64	50.63
		12/9/2013	103.27	53.49	49.78
		3/27/2014	103.27	53.81	49.46
		6/9/2014	103.27	54.36	48.91
		12/15/2014	103.27	55.73	47.54
		6/8/2015	103.27	56.44	46.83
		12/7/2015	103.27	58.07	45.20
		6/6/2016	103.25	67.02	36.23
		11/28/2016	103.25	60.05	43.20
		6/9/2017	103.25	60.75	42.50
		12/4/2017	103.25	61.21	42.04
MW-36	Intermediate Gaspur	3/19/2008	102.77	46.76	56.01
		4/14/2008	102.77	46.86	55.91
		5/4/2009	102.77	48.73	54.04
		5/19/2009	102.77	48.72	54.05
		7/15/2010	102.77	51.12	51.65
		6/13/2011	102.77	51.67	51.10
		12/5/2011	102.77	50.95	51.82
		6/7/2012	102.77	50.53	52.24
		6/8/2012	102.77	50.53	52.24

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GROUNDWATER ELEVATION 1998 - 2017
COOPER DRUM COMPANY SUPERFUND SITE
SOUTH GATE, CALIFORNIA

Well ID	Aquifer Zone	Date Measured	TOC Elevation (NAVD 88)	Depth to Groundwater (ft bTOC)	Groundwater Elevation (NAVD 88)
MW-36	Intermediate Gaspur	12/10/2012	102.77	50.98	51.79
		6/17/2013	102.77	52.12	50.65
		12/9/2013	102.77	52.83	49.94
		3/27/2014	102.77	53.30	49.47
		6/10/2014	102.77	53.98	48.79
		12/15/2014	102.77	55.29	47.48
		6/8/2015	102.77	56.23	46.54
		12/7/2015	102.77	57.72	45.05
		6/6/2016	102.73	58.49	44.24
		11/28/2016	102.73	59.59	43.14
		6/7/2017	102.73	60.35	42.38
		12/4/2017	102.73	60.76	41.97
MW-37	Lower Gaspur	3/19/2008	102.54	46.88	55.66
		4/14/2008	102.54	47.00	55.54
		5/4/2009	102.54	48.83	53.71
		5/19/2009	102.54	48.84	53.70
		7/15/2010	102.54	51.18	51.36
		6/13/2011	102.54	51.78	50.76
		12/5/2011	102.54	51.17	51.37
		6/7/2012	102.54	50.62	51.92
		6/12/2012	102.54	50.62	51.92
		12/10/2012	102.54	51.25	51.29
		6/17/2013	102.54	52.49	50.05
		12/9/2013	102.54	52.91	49.63
		3/27/2014	102.54	53.40	49.14
		6/10/2014	102.54	53.93	48.61
		12/15/2014	102.54	55.32	47.22
		6/8/2015	102.54	56.20	46.34
		12/7/2015	102.54	57.80	44.74
		6/6/2016	102.50	58.53	43.97
		11/28/2016	102.50	59.66	42.84
		6/7/2017	102.50	60.42	42.08
		12/4/2017	102.50	60.80	41.70
MW-38	Shallow Gaspur	3/19/2008	102.30	46.34	55.96
		4/14/2008	102.30	46.37	55.93
		5/4/2009	102.30	48.20	54.10
		5/19/2009	102.30	48.27	54.03
		7/15/2010	102.30	50.68	51.62
		6/13/2011	102.30	51.25	51.05
		12/5/2011	102.30	50.78	51.52
		6/7/2012	102.30	50.22	52.08

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GROUNDWATER ELEVATION 1998 - 2017
COOPER DRUM COMPANY SUPERFUND SITE
SOUTH GATE, CALIFORNIA

Well ID	Aquifer Zone	Date Measured	TOC Elevation (NAVD 88)	Depth to Groundwater (ft bTOC)	Groundwater Elevation (NAVD 88)
MW-38	Shallow Gaspur	6/8/2012	102.30	50.22	52.08
		12/10/2012	102.30	50.79	51.51
		6/17/2013	102.30	51.80	50.50
		12/9/2013	102.30	52.29	50.01
		3/27/2014	102.30	52.89	49.41
		6/9/2014	102.30	53.46	48.84
		12/15/2014	102.30	54.78	47.52
		6/8/2015	102.30	55.66	46.64
		12/7/2015	102.30	57.01	45.29
		6/6/2016	102.28	57.80	44.48
		11/28/2016	102.28	58.85	43.43
		6/7/2017	102.28	59.70	42.58
		12/4/2017	102.28	60.26	42.02
MW-39	Intermediate Gaspur	3/19/2008	102.37	NM	NM
		4/14/2008	102.37	49.47	52.90
		5/4/2009	102.37	48.39	53.98
		5/19/2009	102.37	48.40	53.97
		7/15/2010	102.37	50.77	51.60
		6/13/2011	102.37	51.39	50.98
		12/5/2011	102.37	50.92	51.45
		6/7/2012	102.37	50.23	52.14
		6/12/2012	102.37	50.23	52.14
		12/10/2012	102.37	50.88	51.49
		6/17/2013	102.37	51.96	50.41
		12/9/2013	102.37	52.66	49.71
		3/27/2014	102.37	52.99	49.38
		6/9/2014	102.37	53.64	48.73
		12/15/2014	102.37	54.99	47.38
		6/8/2015	102.37	55.84	46.53
		12/7/2015	102.37	57.38	44.99
		6/6/2016	102.34	58.20	44.14
		11/28/2016	102.34	59.32	43.02
		6/7/2017	102.34	60.03	42.31
		12/4/2017	102.34	60.53	41.81
MW-40	Lower Gaspur	3/19/2008	102.10	46.26	55.84
		4/14/2008	102.10	46.42	55.68
		5/4/2009	102.10	48.26	53.84
		5/19/2009	102.10	48.28	53.82
		7/15/2010	102.10	50.64	51.46
		6/13/2011	102.10	51.30	50.80
		12/5/2011	102.10	50.72	51.38

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COOPER DRUM COMPANY SUPERFUND SITE
SOUTH GATE, CALIFORNIA

Well ID	Aquifer Zone	Date Measured	TOC Elevation (NAVD 88)	Depth to Groundwater (ft bTOC)	Groundwater Elevation (NAVD 88)
MW-40	Lower Gaspur	6/7/2012	102.10	50.25	51.85
		6/8/2012	102.10	50.25	51.85
		12/10/2012	102.10	50.58	51.52
		6/17/2013	102.10	51.42	50.68
		12/9/2013	102.10	52.49	49.61
		3/27/2014	102.10	52.81	49.29
		6/9/2014	102.10	53.52	48.58
		12/15/2014	102.10	54.91	47.19
		6/8/2015	102.10	55.75	46.35
		12/7/2015	102.10	57.14	44.96
		6/6/2016	102.06	58.44	43.62
		11/28/2016	102.06	59.15	42.91
		6/7/2017	102.06	59.75	42.31
		12/4/2017	102.06	60.32	41.74
MW-41	Lower Gaspur	3/19/2008	104.37	48.01	56.36
		4/14/2008	104.37	48.08	56.29
		5/4/2009	104.37	49.92	54.45
		5/19/2009	104.37	49.97	54.40
		7/15/2010	104.37	52.37	52.00
		6/13/2011	104.37	52.93	51.44
		12/5/2011	104.37	52.63	51.74
		6/7/2012	104.37	51.85	52.52
		6/13/2012	104.37	51.85	52.52
		12/10/2012	104.37	52.42	51.95
		6/17/2013	104.37	53.53	50.84
		12/9/2013	104.37	54.40	49.97
		3/27/2014	104.37	54.67	49.70
		6/11/2014	104.37	55.30	49.07
		12/15/2014	104.37	56.55	47.82
		6/8/2015	104.37	57.50	46.87
		12/7/2015	104.37	59.15	45.22
		6/6/2016	104.34	59.78	44.56
		12/1/2016	104.34	60.93	43.41
		6/7/2017	104.34	61.67	42.67
		12/4/2017	104.34	62.14	42.20
MW-42	Shallow Gaspur	5/4/2009	104.40	49.78	54.62
		5/19/2009	104.40	49.97	54.43
		7/15/2010	104.40	52.34	52.06
		6/13/2011	104.40	52.80	51.60
		12/5/2011	104.40	52.46	51.94
		6/7/2012	104.40	51.71	52.69

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SOUTH GATE, CALIFORNIA

Well ID	Aquifer Zone	Date Measured	TOC Elevation (NAVD 88)	Depth to Groundwater (ft bTOC)	Groundwater Elevation (NAVD 88)
MW-42	Shallow Gaspur	12/10/2012	104.40	52.32	52.08
		6/17/2013	104.40	53.54	50.86
		12/9/2013	104.40	53.74	50.66
		3/27/2014	104.40	54.40	50.00
		6/9/2014	104.40	55.08	49.32
		12/15/2014	104.40	56.40	48.00
		6/8/2015	104.40	57.14	47.26
		12/7/2015	104.40	58.58	45.82
		6/6/2016	104.36	59.62	44.74
		11/28/2016	104.36	60.67	43.69
		6/5/2017	104.36	61.50	42.86
		12/4/2017	104.36	61.95	42.41
MW-43	Intermediate Gaspur	5/4/2009	104.27	49.73	54.54
		5/19/2009	104.27	49.72	54.55
		7/15/2010	104.27	52.08	52.19
		6/13/2011	104.27	52.71	51.56
		12/5/2011	104.27	52.47	51.80
		6/7/2012	104.27	51.64	52.63
		12/10/2012	104.27	52.22	52.05
		6/17/2013	104.27	53.35	50.92
		12/9/2013	104.27	53.66	50.61
		3/27/2014	104.27	54.30	49.97
		6/9/2014	104.27	54.95	49.32
		12/15/2014	104.27	56.28	47.99
		6/8/2015	104.27	57.02	47.25
		12/7/2015	104.27	58.60	45.67
		6/6/2016	104.25	59.46	44.79
		11/28/2016	104.25	60.57	43.68
		6/5/2017	104.25	61.32	42.93
		12/4/2017	104.25	61.84	42.41
MW-44	Lower Gaspur	5/4/2009	104.22	49.74	54.48
		5/19/2009	104.22	49.75	54.47
		7/15/2010	104.22	52.10	52.12
		6/13/2011	104.22	52.73	51.49
		12/5/2011	104.22	52.44	51.78
		6/7/2012	104.22	51.71	52.51
		12/10/2012	104.22	52.28	51.94
		6/17/2013	104.22	53.51	50.71
		12/9/2013	104.22	53.78	50.44
		3/27/2014	104.22	54.30	49.92
		6/9/2014	104.22	55.00	49.22

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SOUTH GATE, CALIFORNIA

Well ID	Aquifer Zone	Date Measured	TOC Elevation (NAVD 88)	Depth to Groundwater (ft bTOC)	Groundwater Elevation (NAVD 88)
MW-44	Lower Gaspur	12/15/2014	104.22	56.30	47.92
		6/8/2015	104.22	57.28	46.94
		12/7/2015	104.22	58.62	45.60
		6/6/2016	104.17	59.45	44.72
		11/28/2016	104.17	60.52	43.65
		6/5/2017	104.17	61.37	42.80
		12/4/2017	104.17	61.69	42.48
MW-45	Intermediate Gaspur	5/4/2009	102.49	48.33	54.16
		5/19/2009	102.49	48.32	54.17
		7/15/2010	102.49	50.74	51.75
		6/13/2011	102.49	51.40	51.09
		12/5/2011	102.49	50.88	51.61
		6/7/2012	102.49	50.24	52.25
		12/10/2012	102.49	50.85	51.64
		6/17/2013	102.49	51.84	50.65
		12/9/2013	102.49	52.63	49.86
		3/27/2014	102.49	53.00	49.49
		6/9/2014	102.49	53.45	49.04
		12/15/2014	102.49	54.94	47.55
		6/8/2015	102.49	55.79	46.70
		12/7/2015	102.49	57.30	45.19
		6/6/2016	102.47	58.16	44.31
		11/28/2016	102.47	59.32	43.15
		6/5/2017	102.47	NM	NM
		12/4/2017	102.47	NM	NM
MW-46	Shallow Gaspur	5/4/2009	101.88	47.90	53.98
		5/19/2009	101.88	47.90	53.98
		7/15/2010	101.88	50.33	51.55
		6/13/2011	101.88	50.92	50.96
		12/5/2011	101.88	50.40	51.48
		6/7/2012	101.88	49.82	52.06
		12/10/2012	101.88	50.38	51.50
		6/17/2013	101.88	51.50	50.38
		12/9/2013	101.88	52.69	49.19
		3/27/2014	101.88	52.50	49.38
		6/9/2014	101.88	53.07	48.81
		12/15/2014	101.88	54.54	47.34
		6/8/2015	101.88	55.41	46.47
		12/7/2015	101.88	56.86	45.02
		6/6/2016	101.87	57.63	44.24

TABLE VII
GROUNDWATER ELEVATION 1998 - 2017
COOPER DRUM COMPANY SUPERFUND SITE
SOUTH GATE, CALIFORNIA

Well ID	Aquifer Zone	Date Measured	TOC Elevation (NAVD 88)	Depth to Groundwater (ft bTOC)	Groundwater Elevation (NAVD 88)
MW-46	Shallow Gaspur	11/28/2016	101.87	58.85	43.02
		6/5/2017	101.87	59.85	42.02
		12/4/2017	101.87	59.12	42.75
MW-47	Intermediate Gaspur	5/4/2009	101.78	47.80	53.98
		5/19/2009	101.78	47.80	53.98
		7/15/2010	101.78	50.22	51.56
		6/13/2011	101.78	50.81	50.97
		12/5/2011	101.78	50.31	51.47
		6/7/2012	101.78	49.62	52.16
		12/10/2012	101.78	50.32	51.46
		6/17/2013	101.78	51.35	50.43
		12/9/2013	101.78	52.82	48.96
		3/27/2014	101.78	52.36	49.42
		6/9/2014	101.78	53.01	48.77
		12/15/2014	101.78	54.40	47.38
		6/8/2015	101.78	55.30	46.48
		12/7/2015	101.78	56.77	45.01
		6/6/2016	101.74	57.63	44.11
		11/28/2016	101.74	58.73	43.01
		6/5/2017	101.74	59.60	42.14
		12/4/2017	101.74	60.02	41.72
MW-48	Lower Gaspur	5/4/2009	101.72	47.75	53.97
		5/19/2009	101.72	47.75	53.97
		7/15/2010	101.72	50.19	51.53
		6/13/2011	101.72	50.71	51.01
		12/5/2011	101.72	50.32	51.40
		6/7/2012	101.72	49.62	52.10
		12/10/2012	101.72	50.18	51.54
		6/17/2013	101.72	51.54	50.18
		12/9/2013	101.72	52.64	49.08
		3/27/2014	101.72	52.35	49.37
		6/9/2014	101.72	53.09	48.63
		12/15/2014	101.72	54.38	47.34
		6/8/2015	101.72	55.24	46.48
		12/7/2015	101.72	56.72	45.00
		6/6/2016	101.68	57.53	44.15
		11/28/2016	101.68	58.66	43.02
		6/5/2017	101.68	59.60	42.08
		12/4/2017	101.68	60.08	41.60

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COOPER DRUM COMPANY SUPERFUND SITE
SOUTH GATE, CALIFORNIA

Well ID	Aquifer Zone	Date Measured	TOC Elevation (NAVD 88)	Depth to Groundwater (ft bTOC)	Groundwater Elevation (NAVD 88)
MW-49	Shallow Gaspur	5/4/2009	100.68	47.06	53.62
		5/19/2009	100.68	47.09	53.59
		7/15/2010	100.68	49.50	51.18
		6/13/2011	100.68	50.04	50.64
		12/5/2011	100.68	49.64	51.04
		6/7/2012	100.68	48.99	51.69
		12/10/2012	100.68	49.49	51.19
		6/17/2013	100.68	50.38	50.30
		12/9/2013	100.68	50.78	49.90
		3/27/2014	100.68	51.65	49.03
		6/9/2014	100.68	52.20	48.48
		12/15/2014	100.68	53.68	47.00
		6/8/2015	100.68	54.57	46.11
		12/7/2015	100.68	56.10	44.58
		6/6/2016	100.53	56.87	43.66
		11/28/2016	100.53	58.04	42.49
		6/5/2017	100.53	58.60	41.93
		12/4/2017	100.53	59.06	41.47
MW-50	Intermediate Gaspur	5/4/2009	100.68	47.20	53.48
		5/19/2009	100.68	47.22	53.46
		7/15/2010	100.68	49.64	51.04
		6/13/2011	100.68	50.20	50.48
		12/5/2011	100.68	49.75	50.93
		6/7/2012	100.68	49.12	51.56
		12/10/2012	100.68	49.58	51.10
		6/17/2013	100.68	50.41	50.27
		12/9/2013	100.68	50.92	49.76
		3/27/2014	100.68	51.77	48.91
		6/9/2014	100.68	52.39	48.29
		12/15/2014	100.68	53.81	46.87
		6/8/2015	100.68	54.70	45.98
		12/7/2015	100.68	56.24	44.44
		6/6/2016	100.65	57.01	43.64
		11/28/2016	100.65	58.19	42.46
		6/5/2017	100.65	58.75	41.90
		12/4/2017	100.65	59.28	41.37
MW-51	Lower Gaspur	5/4/2009	100.66	47.20	53.46
		5/19/2009	100.66	47.21	53.45
		7/15/2010	100.66	49.51	51.15
		6/13/2011	100.66	50.14	50.52
		12/5/2011	100.66	49.80	50.86

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SOUTH GATE, CALIFORNIA

Well ID	Aquifer Zone	Date Measured	TOC Elevation (NAVD 88)	Depth to Groundwater (ft bTOC)	Groundwater Elevation (NAVD 88)
MW-51	Lower Gaspur	6/7/2012	100.66	49.06	51.60
		12/10/2012	100.66	49.62	51.04
		6/17/2013	100.66	50.51	50.15
		12/9/2013	100.66	50.89	49.77
		3/27/2014	100.66	51.82	48.84
		6/9/2014	100.66	52.37	48.29
		12/15/2014	100.66	53.83	46.83
		6/8/2015	100.66	55.03	45.63
		12/7/2015	100.66	56.26	44.40
		6/6/2016	100.64	57.06	43.58
		11/28/2016	100.64	58.19	42.45
		6/5/2017	100.64	58.80	41.84
		12/4/2017	100.64	59.18	41.46
MW-52	Shallow Gaspur	5/4/2009	100.80	47.18	53.62
		5/19/2009	100.80	47.24	53.56
		7/15/2010	100.80	49.64	51.16
		6/13/2011	100.80	50.10	50.70
		12/5/2011	100.80	49.73	51.07
		6/7/2012	100.80	49.32	51.48
		12/10/2012	100.80	49.72	51.08
		6/17/2013	100.80	50.53	50.27
		12/9/2013	100.80	50.98	49.82
		3/27/2014	100.80	51.78	49.02
		6/9/2014	100.80	52.33	48.47
		12/15/2014	100.80	53.82	46.98
		6/8/2015	100.80	54.67	46.13
		12/7/2015	100.80	56.20	44.60
		6/6/2016	100.77	56.98	43.79
		11/28/2016	100.77	58.15	42.62
		6/5/2017	100.77	58.83	41.94
		12/4/2017	100.77	59.40	41.37
MW-53	Lower Gaspur	5/4/2009	100.75	47.37	53.38
		5/19/2009	100.75	47.46	53.29
		7/15/2010	100.75	49.88	50.87
		6/13/2011	100.75	50.27	50.48
		12/5/2011	100.75	49.86	50.89
		6/7/2012	100.75	49.13	51.62
		12/10/2012	100.75	49.71	51.04
		6/17/2013	100.75	50.60	50.15
		12/9/2013	100.75	51.36	49.39
		3/27/2014	100.75	51.95	48.80

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SOUTH GATE, CALIFORNIA

Well ID	Aquifer Zone	Date Measured	TOC Elevation (NAVD 88)	Depth to Groundwater (ft bTOC)	Groundwater Elevation (NAVD 88)
MW-53	Lower Gaspur	6/9/2014	100.75	52.50	48.25
		12/15/2014	100.75	53.92	46.83
		6/8/2015	100.75	54.73	46.02
		12/7/2015	100.75	56.29	44.46
		6/6/2016	100.73	57.14	43.59
		11/28/2016	100.73	58.24	42.49
		6/5/2017	100.73	59.30	41.43
		12/4/2017	100.73	59.78	40.95
MW-54	Lower Gaspur	5/4/2009	100.91	47.80	53.11
		5/19/2009	100.91	47.92	52.99
		7/15/2010	100.91	50.25	50.66
		6/13/2011	100.91	50.49	50.42
		12/5/2011	100.91	50.17	50.74
		6/7/2012	100.91	49.62	51.29
		12/10/2012	100.91	50.18	50.73
		6/17/2013	100.91	50.84	50.07
		12/9/2013	100.91	51.61	49.30
		3/27/2014	100.91	52.50	48.41
		6/9/2014	100.91	52.95	47.96
		12/15/2014	100.91	54.43	46.48
		6/8/2015	100.91	55.28	45.63
		12/7/2015	100.91	56.83	44.08
		6/6/2016	100.88	57.52	43.36
		11/28/2016	100.88	58.71	42.17
		6/5/2017	100.88	59.45	41.43
		12/4/2017	100.88	60.00	40.88
MW-55	Exposition	5/19/2009	102.62	53.15	49.47
		7/15/2010	102.62	55.78	46.84
		6/13/2011	102.62	56.10	46.52
		12/5/2011	102.62	55.10	47.52
		6/7/2012	102.62	54.62	48.00
		6/8/2012	102.62	54.62	48.00
		12/10/2012	102.62	55.18	47.44
		6/17/2013	102.62	56.11	46.51
		12/9/2013	102.62	56.62	46.00
		3/27/2014	102.62	57.75	44.87
		6/10/2014	102.62	58.75	43.87
		12/15/2014	102.62	60.32	42.30
		6/8/2015	102.62	61.49	41.13
		12/7/2015	102.62	63.06	39.56
		6/6/2016	102.57	64.02	38.55

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SOUTH GATE, CALIFORNIA

Well ID	Aquifer Zone	Date Measured	TOC Elevation (NAVD 88)	Depth to Groundwater (ft bTOC)	Groundwater Elevation (NAVD 88)
MW-55	Exposition	11/28/2016	102.57	65.34	37.23
		6/7/2017	102.57	65.17	37.40
		12/4/2017	102.57	66.10	36.47
MW-56	Shallow Gaspur	5/4/2009	101.76	48.00	53.76
		5/19/2009	101.76	48.02	53.74
		7/15/2010	101.76	50.40	51.36
		6/13/2011	101.76	50.97	50.79
		12/5/2011	101.76	50.53	51.23
		6/7/2012	101.76	49.82	51.94
		12/10/2012	101.76	50.34	51.42
		6/17/2013	101.76	51.53	50.23
		12/9/2013	101.76	51.89	49.87
		3/27/2014	101.76	52.60	49.16
		6/9/2014	101.76	53.10	48.66
		12/15/2014	101.76	54.58	47.18
		6/8/2015	101.76	55.42	46.34
		12/7/2015	101.76	56.94	44.82
		6/6/2016	101.73	57.73	44.00
		11/28/2016	101.73	58.86	42.87
		6/5/2017	101.73	59.20	42.53
		12/4/2017	101.73	59.97	41.76
MW-57A	Shallow Gaspur	9/26/2011	105.93	54.06	51.87
		12/5/2011	105.93	52.93	53.00
		3/26/2012	105.93	52.48	53.45
		6/7/2012	105.93	52.22	53.71
		6/13/2012	105.93	52.22	53.71
		12/10/2012	105.93	52.91	53.02
		6/17/2013	105.93	55.11	50.82
		12/9/2013	105.93	55.37	50.56
		6/12/2014	105.93	56.07	49.86
		12/15/2014	105.93	57.20	48.73
		6/8/2015	105.93	57.47	48.46
		12/7/2015	105.93	59.10	46.83
		6/6/2016	105.93	59.74	46.19
		11/28/2016	105.93	60.92	45.01
		6/7/2017	105.93	61.50	44.43
		12/4/2017	105.93	61.95	43.98
MW-57B	Intermediate Gaspur	9/26/2011	105.84	53.74	52.10
		12/5/2011	105.84	52.88	52.96
		3/26/2012	105.84	52.35	53.49
		6/7/2012	105.84	52.00	53.84

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SOUTH GATE, CALIFORNIA

Well ID	Aquifer Zone	Date Measured	TOC Elevation (NAVD 88)	Depth to Groundwater (ft bTOC)	Groundwater Elevation (NAVD 88)
MW-57B	Intermediate Gaspur	6/13/2012	105.84	52.00	53.84
		12/10/2012	105.84	52.70	53.14
		6/17/2013	105.84	54.53	51.31
		12/9/2013	105.84	55.01	50.83
		6/12/2014	105.84	56.01	49.83
		12/15/2014	105.84	56.86	48.98
		6/8/2015	105.84	57.47	48.37
		12/7/2015	105.84	59.01	46.83
		6/6/2016	105.84	59.75	46.09
		11/28/2016	105.84	61.02	44.82
		6/7/2017	105.84	61.50	44.34
		12/4/2017	105.84	61.98	43.86
MW-58	Shallow Gaspur	9/26/2011	106.01	53.94	52.07
		12/5/2011	106.01	53.12	52.89
		3/26/2012	106.01	52.71	53.30
		6/7/2012	106.01	52.43	53.58
		6/13/2012	106.01	52.43	53.58
		12/10/2012	106.01	53.06	52.95
		6/17/2013	106.01	55.04	50.97
		12/9/2013	106.01	55.73	50.28
		6/12/2014	106.01	56.32	49.69
		12/15/2014	106.01	56.40	49.61
		6/8/2015	106.01	57.63	48.38
		12/7/2015	106.01	54.45	51.56
		6/6/2016	106.01	59.98	46.03
		11/28/2016	106.01	61.13	44.88
		6/7/2017	106.01	61.65	44.36
		12/4/2017	106.01	62.15	43.86
MW-59A	Shallow Gaspur	6/13/2011	105.72	53.31	52.41
		9/26/2011	105.72	54.00	51.72
		12/5/2011	105.72	53.06	52.66
		3/26/2012	105.72	52.29	53.43
		6/7/2012	105.72	52.44	53.28
		6/13/2012	105.72	52.44	53.28
		12/10/2012	105.72	53.04	52.68
		6/17/2013	105.72	55.20	50.52
		12/9/2013	105.72	55.52	50.20
		6/12/2014	105.72	56.08	49.64
		12/15/2014	105.72	57.31	48.41
		6/8/2015	105.72	57.75	47.97
		12/7/2015	105.72	59.29	46.43

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SOUTH GATE, CALIFORNIA

Well ID	Aquifer Zone	Date Measured	TOC Elevation (NAVD 88)	Depth to Groundwater (ft bTOC)	Groundwater Elevation (NAVD 88)
MW-59A	Shallow Gaspur	6/6/2016	105.72	59.92	45.80
		11/28/2016	105.72	61.07	44.65
		6/7/2017	105.72	62.70	43.02
		12/4/2017	105.72	62.34	43.38
MW-59B	Intermediate Gaspur	6/13/2011	105.61	53.20	52.41
		9/26/2011	105.61	54.00	51.61
		12/5/2011	105.61	53.01	52.60
		3/26/2012	105.61	52.75	52.86
		6/7/2012	105.61	52.35	53.26
		6/13/2012	105.61	52.35	53.26
		12/10/2012	105.61	53.00	52.61
		6/17/2013	105.61	55.17	50.44
		12/9/2013	105.61	55.93	49.68
		6/12/2014	105.61	56.01	49.60
		12/15/2014	105.61	57.29	48.32
		6/8/2015	105.61	57.60	48.01
		12/7/2015	105.61	59.35	46.26
		6/6/2016	105.61	59.91	45.70
		11/28/2016	105.61	61.10	44.51
		6/7/2017	105.61	61.83	43.78
		12/4/2017	105.61	62.38	43.23
MW-59C	Intermediate Gaspur	6/13/2011	105.76	53.34	52.42
		9/26/2011	105.76	54.03	51.73
		12/5/2011	105.76	53.09	52.67
		3/26/2012	105.76	57.70	48.06
		6/7/2012	105.76	52.55	53.21
		6/13/2012	105.76	52.55	53.21
		12/10/2012	105.76	52.99	52.77
		6/17/2013	105.76	55.16	50.60
		12/9/2013	105.76	55.40	50.36
		6/12/2014	105.76	56.10	49.66
		12/15/2014	105.76	57.55	48.21
		6/8/2015	105.76	57.88	47.88
		12/7/2015	105.76	59.52	46.24
		6/6/2016	105.76	60.21	45.55
		11/28/2016	105.76	61.40	44.36
		6/7/2017	105.76	62.00	43.76
		12/4/2017	105.76	62.62	43.14
MW-60A	Shallow Gaspur	9/26/2011	105.69	54.32	51.37
		12/5/2011	105.69	53.53	52.16
		3/26/2012	105.69	53.28	52.41

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SOUTH GATE, CALIFORNIA

Well ID	Aquifer Zone	Date Measured	TOC Elevation (NAVD 88)	Depth to Groundwater (ft bTOC)	Groundwater Elevation (NAVD 88)
MW-60A	Shallow Gaspur	6/7/2012	105.69	52.79	52.90
		6/12/2012	105.69	52.79	52.90
		12/10/2012	105.69	53.35	52.34
		6/17/2013	105.69	54.85	50.84
		12/9/2013	105.69	55.41	50.28
		6/11/2014	105.69	56.41	49.28
		12/15/2014	105.69	57.30	48.39
		6/8/2015	105.69	58.20	47.49
		12/7/2015	105.69	59.89	45.80
		6/6/2016	105.69	60.62	45.07
		11/28/2016	105.69	61.74	43.95
		6/7/2017	105.69	62.36	43.33
		12/4/2017	105.69	63.10	42.59
MW-60B	Lower Gaspur	9/26/2011	105.64	54.48	51.16
		12/5/2011	105.64	53.62	52.02
		3/26/2012	105.64	53.21	52.43
		6/7/2012	105.64	52.90	52.74
		6/12/2012	105.64	52.90	52.74
		12/10/2012	105.64	53.52	52.12
		6/17/2013	105.64	54.79	50.85
		12/9/2013	105.64	55.40	50.24
		6/11/2014	105.64	56.38	49.26
		12/15/2014	105.64	57.60	48.04
		6/8/2015	105.64	58.12	47.52
		12/7/2015	105.64	59.97	45.67
		6/6/2016	105.64	60.78	44.86
		11/28/2016	105.64	61.93	43.71
		6/7/2017	105.64	62.58	43.06
		12/4/2017	105.64	63.43	42.21
MW-61A	Shallow Gaspur	9/26/2011	104.84	53.34	51.50
		12/5/2011	104.84	52.53	52.31
		3/26/2012	104.84	52.18	52.66
		6/7/2012	104.84	51.90	52.94
		6/8/2012	104.84	51.90	52.94
		12/10/2012	104.84	52.53	52.31
		6/17/2013	104.84	54.41	50.43
		12/9/2013	104.84	54.97	49.87
		6/9/2014	104.84	55.80	49.04
		12/15/2014	104.84	56.82	48.02
		6/8/2015	104.84	57.25	47.59
		12/7/2015	104.84	59.02	45.82

TABLE VII
GROUNDWATER ELEVATION 1998 - 2017
COOPER DRUM COMPANY SUPERFUND SITE
SOUTH GATE, CALIFORNIA

Well ID	Aquifer Zone	Date Measured	TOC Elevation (NAVD 88)	Depth to Groundwater (ft bTOC)	Groundwater Elevation (NAVD 88)
MW-61A	Shallow Gaspur	6/6/2016	104.84	59.75	45.09
		11/28/2016	104.84	60.84	44.00
		6/7/2017	104.84	61.50	43.34
		12/4/2017	104.84	62.00	42.84
MW-61B	Intermediate Gaspur	9/26/2011	104.84	53.48	51.36
		12/5/2011	104.84	52.64	52.20
		3/26/2012	104.84	52.17	52.67
		6/7/2012	104.84	52.00	52.84
		6/8/2012	104.84	52.00	52.84
		12/10/2012	104.84	52.52	52.32
		6/17/2013	104.84	54.22	50.62
		12/9/2013	104.84	54.72	50.12
		6/9/2014	104.84	55.79	49.05
		12/15/2014	104.84	56.67	48.17
		6/8/2015	104.84	57.30	47.54
		12/7/2015	104.84	58.95	45.89
		6/6/2016	104.84	59.83	45.01
		11/28/2016	104.84	61.03	43.81
		6/7/2017	104.84	61.60	43.24
		12/4/2017	104.84	62.11	42.73
MW-62A	Shallow Gaspur	9/26/2011	105.22	54.04	51.18
		12/5/2011	105.22	53.22	52.00
		3/26/2012	105.22	52.83	52.39
		6/7/2012	105.22	52.48	52.74
		6/12/2012	105.22	52.48	52.74
		12/10/2012	105.22	53.22	52.00
		6/17/2013	105.22	54.39	50.83
		12/9/2013	105.22	54.90	50.32
		3/27/2014	105.22	55.13	50.09
		6/11/2014	105.22	55.92	49.30
		12/15/2014	105.22	57.20	48.02
		6/8/2015	105.22	58.37	46.85
		12/7/2015	105.22	59.67	45.55
		6/6/2016	105.22	60.40	44.82
		11/28/2016	105.22	61.53	43.69
		6/5/2017	105.22	65.90	39.32
		12/4/2017	105.22	62.70	42.52
MW-62B	Lower Gaspur	9/26/2011	105.22	54.08	51.14
		12/5/2011	105.22	53.17	52.05
		3/26/2012	105.22	52.80	52.42
		6/7/2012	105.22	52.42	52.80

TABLE VII
GROUNDWATER ELEVATION 1998 - 2017
COOPER DRUM COMPANY SUPERFUND SITE
SOUTH GATE, CALIFORNIA

Well ID	Aquifer Zone	Date Measured	TOC Elevation (NAVD 88)	Depth to Groundwater (ft bTOC)	Groundwater Elevation (NAVD 88)
MW-62B	Lower Gaspur	6/12/2012	105.22	52.42	52.80
		12/10/2012	105.22	53.01	52.21
		6/17/2013	105.22	54.53	50.69
		12/9/2013	105.22	54.88	50.34
		3/27/2014	105.22	55.22	50.00
		6/11/2014	105.22	55.94	49.28
		12/15/2014	105.22	57.22	48.00
		6/8/2015	105.22	58.26	46.96
		12/7/2015	105.22	59.28	45.94
		6/6/2016	105.22	60.44	44.78
		11/28/2016	105.22	61.59	43.63
		6/5/2017	105.22	62.22	43.00
		12/4/2017	105.22	62.80	42.42
PZ-5	Perched/ Gaspur	7/15/2010	106.76	38.20	68.56
		3/23/2011	106.76	38.44	68.32
		11/18/2011	106.76	38.80	67.96
		4/10/2012	106.76	38.96	67.80
		5/16/2012	106.76	39.00	67.76
		5/31/2012	106.76	38.94	67.82
		6/6/2012	106.76	38.95	67.81
		6/13/2012	106.76	38.84	67.92
		6/20/2012	106.76	38.80	67.96
		6/26/2012	106.76	38.77	67.99
		7/3/2012	106.76	38.74	68.02
		1/25/2013	106.76	39.14	67.62
		2/22/2013	106.76	39.15	67.61
		3/22/2013	106.76	39.20	67.56
		4/23/2013	106.76	39.25	67.51
		5/31/2013	106.76	39.31	67.45
		6/28/2013	106.76	39.33	67.43
		7/30/2013	106.76	39.35	67.41
		8/30/2013	106.76	40.16	66.60
		9/27/2013	106.76	40.23	66.53
		10/29/2013	106.76	40.35	66.41
		11/26/2013	106.76	40.51	66.25
		12/23/2013	106.76	40.51	66.25
		1/31/2014	106.76	40.55	66.21
		2/28/2014	106.76	40.39	66.37
		3/28/2014	106.76	40.23	66.53
		4/29/2014	106.76	40.23	66.53
		5/27/2014	106.76	40.23	66.53

TABLE VII
GROUNDWATER ELEVATION 1998 - 2017
COOPER DRUM COMPANY SUPERFUND SITE
SOUTH GATE, CALIFORNIA

Well ID	Aquifer Zone	Date Measured	TOC Elevation (NAVD 88)	Depth to Groundwater (ft bTOC)	Groundwater Elevation (NAVD 88)
PZ-5	Perched/ Gaspur	6/24/2014	106.76	40.23	66.53
		7/30/2014	106.76	40.56	66.20
		8/27/2014	106.76	40.99	65.77
		9/24/2014	106.76	41.37	65.39
		10/30/2014	106.76	41.38	65.38
		11/24/2014	106.76	41.40	65.36
		12/9/2014	106.76	41.40	65.36
PZ-6	Perched/ Gaspur	7/15/2010	106.85	38.33	68.52
		3/23/2011	106.85	38.65	68.20
		11/18/2011	106.85	38.95	67.90
		4/10/2012	106.85	39.07	67.78
		5/16/2012	106.85	39.10	67.75
		5/31/2012	106.85	39.18	67.67
		6/6/2012	106.85	39.45	67.40
		6/13/2012	106.85	39.10	67.75
		6/20/2012	106.85	39.18	67.67
		6/26/2012	106.85	39.04	67.81
		7/3/2012	106.85	38.82	68.03
		1/25/2013	106.85	39.25	67.60
		2/22/2013	106.85	39.30	67.55
		3/22/2013	106.85	39.39	67.46
		4/23/2013	106.85	39.40	67.45
		5/31/2013	106.85	39.50	67.35
		6/28/2013	106.85	39.50	67.35
		7/30/2013	106.85	39.51	67.34
		8/30/2013	106.85	40.19	66.66
		9/27/2013	106.85	40.26	66.59
		10/29/2013	106.85	40.16	66.69
		11/26/2013	106.85	40.31	66.54
		12/23/2013	106.85	40.51	66.34
		1/31/2014	106.85	40.52	66.33
		2/28/2014	106.85	40.55	66.30
		3/28/2014	106.85	40.58	66.27
		4/29/2014	106.85	40.58	66.27
		5/27/2014	106.85	40.58	66.27
		6/24/2014	106.85	40.58	66.27
		7/30/2014	106.85	40.69	66.16
		8/27/2014	106.85	41.12	65.73

TABLE VII
GROUNDWATER ELEVATION 1998 - 2017
COOPER DRUM COMPANY SUPERFUND SITE
SOUTH GATE, CALIFORNIA

Well ID	Aquifer Zone	Date Measured	TOC Elevation (NAVD 88)	Depth to Groundwater (ft bTOC)	Groundwater Elevation (NAVD 88)
PZ-6	Perched/ Gaspur	9/24/2014	106.85	41.25	65.60
		10/30/2014	106.85	41.28	65.57
		11/24/2014	106.85	41.30	65.55
		12/9/2014	106.85	41.30	65.55
PZ-7A	Shallow Gaspur	9/26/2011	105.67	54.54	51.13
		12/5/2011	105.67	53.78	51.89
		3/26/2012	105.67	53.31	52.36
		6/7/2012	105.67	53.02	52.65
		6/12/2012	105.67	53.02	52.65
		12/10/2012	105.67	53.59	52.08
		6/17/2013	105.67	54.97	50.70
		12/9/2013	105.67	55.35	50.32
		3/27/2014	105.67	55.73	49.94
		6/11/2014	105.67	56.38	49.29
		12/15/2014	105.67	57.76	47.91
		6/8/2015	105.67	58.69	46.98
		12/7/2015	105.67	60.20	45.47
		6/6/2016	105.67	60.91	44.76
		11/28/2016	105.67	62.11	43.56
		6/5/2017	105.67	62.74	42.93
		12/4/2017	105.67	63.20	42.47
PZ-7B	Intermediate Gaspur	9/26/2011	105.66	54.54	51.12
		12/5/2011	105.66	53.72	51.94
		3/26/2012	105.66	53.46	52.20
		6/7/2012	105.66	53.04	52.62
		6/13/2012	105.66	53.04	52.62
		12/10/2012	105.66	53.62	52.04
		6/17/2013	105.66	54.75	50.91
		12/9/2013	105.66	55.43	50.23
		3/27/2014	105.66	55.71	49.95
		6/11/2014	105.66	56.45	49.21
		12/15/2014	105.66	57.84	47.82
		6/8/2015	105.66	58.71	46.95
		12/7/2015	105.66	60.23	45.43
		6/6/2016	105.66	61.07	44.59
		11/28/2016	105.66	62.18	43.48
		6/5/2017	105.66	62.84	42.82
		12/4/2017	105.66	63.80	41.86
EW-5	Shallow Gaspur	6/17/2013		54.99	
		12/9/2013		55.54	
		6/11/2014		56.93	

TABLE VII
GROUNDWATER ELEVATION 1998 - 2017
COOPER DRUM COMPANY SUPERFUND SITE
SOUTH GATE, CALIFORNIA

Well ID	Aquifer Zone	Date Measured	TOC Elevation (NAVD 88)	Depth to Groundwater (ft bTOC)	Groundwater Elevation (NAVD 88)
EW-5	Shallow Gaspur	12/17/2015		59.89	
		6/6/2016	106.54	NM	NM
		6/5/2017	106.54	61.75	44.79
		12/4/2017	106.54	NM	NM
EW-7A	Shallow/ Intermediate Gaspur	6/17/2013		53.67	
		12/9/2013		54.39	
		6/11/2014		55.57	
		12/17/2015		58.89	
		6/6/2016	105.97	NM	NM
		12/4/2017	105.97	61.81	44.16
EW-8	Lower Gaspur	6/17/2013	104.42	53.90	50.52
		12/9/2013	104.42	54.27	50.15
		6/11/2014	104.42	55.14	49.28
		12/17/2015	104.42	59.67	44.75
		6/6/2016	104.42	59.46	44.96
		11/28/2016	104.42	60.63	43.79
		6/5/2017	104.42	61.22	43.20
		12/5/2017	104.42	61.85	42.57
SAIA-MW1A	Shallow Gaspur	3/27/2014	104.92	54.50	50.42
		12/15/2014	104.92	56.56	48.36
SAIA-MW1B	Intermediate Gaspur	3/27/2014	104.76	54.60	50.16
		12/15/2014	104.76	56.41	48.35
SAIA-MW1C	Lower Gaspur	3/27/2014	104.71	54.60	50.11
		12/15/2014	104.71	56.45	48.26
SAIA-MW2A	Shallow Gaspur	3/27/2014	104.76	54.50	50.26
		12/15/2014	104.76	56.45	48.31
SAIA-MW2B	Intermediate Gaspur	3/27/2014	104.75	54.40	50.35
		12/15/2014	104.75	56.48	48.27
SAIA-MW2C	Lower Gaspur	3/27/2014	104.76	54.60	50.16
		12/15/2014	104.76	56.62	48.14
SAIA-MW3A	Shallow Gaspur	3/27/2014	102.12	52.31	49.81
		12/15/2014	102.12	54.46	47.66
SAIA-MW3B	Intermediate Gaspur	3/27/2014	102.10	52.29	49.81
		12/15/2014	102.10	54.20	47.90
SAIA-MW3C	Lower Gaspur	3/27/2014	102.12	53.09	49.03
		12/15/2014	102.12	54.10	48.02
SAIA-MW4A	Shallow Gaspur	3/27/2014	100.89	51.58	49.31
		12/15/2014	100.89	54.10	46.79
SAIA-MW4B	Intermediate Gaspur	3/27/2014	101.04	51.54	49.50
		12/15/2014	101.04	53.57	47.47

TABLE VII
GROUNDWATER ELEVATION 1998 - 2017
COOPER DRUM COMPANY SUPERFUND SITE
SOUTH GATE, CALIFORNIA

Well ID	Aquifer Zone	Date Measured	TOC Elevation (NAVD 88)	Depth to Groundwater (ft bTOC)	Groundwater Elevation (NAVD 88)
SAIA-MW4C	Lower Gaspur	3/27/2014	100.86	51.43	49.43
		12/15/2014	100.86	53.39	47.47
SAIA-MW5A	Shallow Gaspur	3/27/2014	99.84	50.91	48.93
		12/15/2014	99.84	52.96	46.88
SAIA-MW5B	Intermediate Gaspur	3/27/2014	99.91	50.98	48.93
		12/15/2014	99.91	52.98	46.93
SAIA-MW5C	Lower Gaspur	3/27/2014	99.84	51.06	48.78
		12/15/2014	99.84	53.04	46.80
SAIA-MW6A	Shallow Gaspur	3/27/2014	100.34	51.26	49.08
		12/15/2014	100.34	53.21	47.13
SAIA-MW6B	Intermediate Gaspur	3/27/2014	100.10	51.18	48.92
		12/15/2014	100.10	53.17	46.93
SAIA-MW6C	Lower Gaspur	3/27/2014	100.19	51.21	48.98
		12/15/2014	100.19	53.28	46.91
SAIA-MW7	Exposition	3/27/2014	104.64	59.70	44.94
		12/15/2014	104.64	62.26	42.38
SAIA-MW8	Exposition	3/27/2014	100.15	55.16	44.99
		12/15/2014	100.15	NM	NM

Notes:
1. Monitoring wells installed before 2010 added a conversion factor of 2.05 feet to adjust the top-of-casing (TOC) elevation to the North American Vertical Datum of 1988 (NAVD88). These wells were re-surveyed by Calvada Surveying, Inc. on 6 June 2016.
2. NM - not measured, well was unable to be accessed.

TABLE VIII
SUMMARY OF WATER QUALITY PARAMETERS
COOPER DRUM COMPANY SUPERFUND SITE
SOUTH GATE, CALIFORNIA

Well ID	Sample Date	Dissolved Oxygen mg/L	Oxidation-reduction Potential mV	Specific Electrical Conductance mS/cm	pH pH units	Turbidity NTU	Temperature °C
MW-1	06/08/2012	1.31	-71.3	3.080	7.31	6	21.80
	12/12/2012	1.54	198.1	2.978	7.09	8	20.00
	06/18/2013	0.47	-31.4	3.008	6.98	7	21.40
	12/12/2013	0.37	-199.6	2.980	7.18	10	21.52
	06/12/2014	0.24	-24.2	2.924	7.15	9	23.80
	12/16/2014	0.32	-33.4	2.990	7.10	5	21.20
	06/10/2015	0.76	83.7	2.988	7.20	2	22.50
	12/10/2015	0.43	-27.2	2.887	7.01	4	21.20
	06/07/2016	0.48	-81.8	3.014	7.06	3	22.60
	12/02/2016	0.54	-144.2	2.876	7.19	4	17.42
	06/06/2017	0.46	-109	3.138	7.38	7	20.10
	12/07/2017	0.61	-120	3.150	7.24	4	23.00
MW-2A	06/13/2012	0.12	-114.4	6.840	6.94	329	24.90
	12/14/2012	0.24	-82.6	6.278	7.00	46	22.70
	06/20/2013	0.22	-91.4	4.014	6.91	52	23.90
	12/13/2013	0.38	-347.8	4.156	6.94	147	21.20
	06/12/2014	0.17	-104.4	3.370	6.86	35	26.00
	12/18/2014	0.17	-107.1	3.234	7.08	7	23.60
	06/08/2015	0.15	-398	3.172	6.98	138	26.93
	12/11/2015	0.66	-83	2.541	7.03	>1000	21.10
	06/08/2016	0.28	-60.3	2.834	7.18	12	24.10
MW-2B	06/13/2012	0.20	-99.9	3.510	6.94	4	24.20
	12/14/2012	0.29	-91.3	2.894	7.08	15	21.70
	06/20/2013	0.27	-146.3	2.253	7.02	10	23.80
	12/13/2013	0.37	-350.2	2.786	6.90	9	23.90
	06/12/2014	0.55	-113.5	2.363	6.85	15	24.10
	12/18/2014	0.16	-136.7	1.997	7.25	5	22.40
	06/09/2015	0.53	-306	3.148	6.99	9	26.96
	12/11/2015	1.14	-97.8	2.537	6.93	31	21.80
	06/09/2016	0.37	-92.4	2.490	7.03	16	23.90
	12/01/2016	0.60	-116.4	2.421	7.01	8	22.90
	06/06/2017	0.61	-133.9	2.430	7.13	7	22.50
	12/07/2017	0.62	-115	2.663	7.12	6	22.60
MW-2C	06/13/2012	0.18	-110.2	2.070	7.06	6	22.10
	12/13/2012	2.95	-184.8	1.668	7.25	13	20.90
	06/20/2013	0.29	-134.1	1.889	7.00	10	22.80
	12/13/2013	1.08	-310.6	1.898	7.06	8	22.50
	06/12/2014	0.45	-129.3	2.222	7.00	49	23.30
	12/18/2014	0.36	-140.8	2.640	7.17	8	22.40
	06/09/2015	0.20	-321	2.410	7.03	12	24.93
	12/11/2015	0.23	-124.8	1.949	7.00	7	21.60
	06/09/2016	0.30	-96	2.135	7.07	12	23.90
	12/01/2016	0.36	-120.4	2.155	7.06	11	22.70
	06/06/2017	0.30	-91.4	4.721	7.39	18	23.40
	12/07/2017	0.50	-117	4.752	7.23	10	22.70
MW-4	06/07/2012	1.14	-104.2	10.560	6.97	2	22.60
	12/11/2012	2.88	-145.7	10.670	7.30	6	21.57
	06/17/2013	2.80	-188.3	1.168	7.04	5	22.50

TABLE VIII
SUMMARY OF WATER QUALITY PARAMETERS
COOPER DRUM COMPANY SUPERFUND SITE
SOUTH GATE, CALIFORNIA

Well ID	Sample Date	Dissolved Oxygen mg/L	Oxidation-reduction Potential mV	Specific Electrical Conductance mS/cm	pH pH units	Turbidity NTU	Temperature ° C
MW-4	12/12/2013	4.56	-191.8	10.591	7.44	7	20.60
	06/12/2014	7.32	72.4	10.289	7.41	7	22.80
	12/19/2014	5.41	-7.2	11.009	7.31	5	21.89
	06/11/2015	7.25	64.2	9.951	7.25	8	22.60
	12/07/2015	0.50	137.6	6.432	6.89	14	20.70
	06/10/2016	0.55	-15.6	10.290	7.12	20	22.40
	12/02/2016	0.73	-99.5	10.591	7.17	19	20.26
	06/06/2017	0.14	-77.1	10.541	7.29	10	21.70
	12/08/2017	0.50	-39.4	9.615	7.41	19	21.90
MW-4B	06/07/2012	0.66	34.1	2.440	7.05	7	22.60
	12/12/2012	0.51	-158.9	2.233	7.05	8	20.50
	06/20/2013	0.71	-148.1	1.923	7.07	9	22.70
	12/12/2013	0.67	-315.1	2.438	6.91	7	21.50
	06/12/2014	0.19	-132.9	2.596	6.93	25	22.90
	12/19/2014	0.43	-139.7	2.960	7.01	20	21.10
	06/11/2015	0.39	-49.6	2.789	6.94	7	22.20
	12/07/2015	0.41	-129.8	2.683	6.69	5	21.40
	06/10/2016	0.22	-92.1	2.528	6.88	4	22.80
	12/02/2016	0.28	-163.7	2.340	7.00	2	21.93
	06/08/2017	0.76	-127.9	2.084	7.04	9	21.10
	12/08/2017	0.42	-115.6	2.337	7.24	5	22.60
MW-15	06/17/2013	0.24	-134	3.594	7.02	4	24.02
	12/11/2013	0.36	-161.3	3.726	7.11	9	22.50
	06/11/2014	0.13	-160.3	3.651	6.99	22	22.70
	12/19/2014	0.73	-121.6	3.721	7.05	6	21.10
	06/08/2015	0.40	-78.4	3.246	7.03	4	22.60
	12/07/2015	0.57	-158.2	2.641	6.90	7	21.50
	06/07/2016	1.21	-95.4	4.430	6.98	5	23.30
	11/30/2016	0.60	-157.9	2.942	6.99	3	21.80
	06/07/2017	0.26	-110.4	2.962	7.35	4	21.10
	12/05/2017	0.52	-119	3.055	7.25	5	21.40
MW-15B	06/08/2012	0.56	-133	4.690	7.06	128	22.60
	12/12/2012	0.49	-113.5	4.698	6.92	84	21.10
	06/18/2013	0.77	-94.2	4.759	6.84	6	22.20
	12/12/2013	0.26	-246.8	4.593	6.98	20	20.90
	06/11/2014	0.23	-139.7	4.366	6.91	63	22.90
	12/18/2014	0.46	-139.7	4.014	7.10	4	21.20
	06/09/2015	0.63	-57.6	3.526	6.93	5	21.60
	12/08/2015	0.87	-111.5	2.417	6.96	22	20.80
	06/07/2016	0.21	-126.6	3.526	7.09	5	23.80
	11/30/2016	0.33	-123.1	3.670	7.00	13	22.20
	06/06/2017	0.52	-134.2	3.138	7.04	8	22.50
	12/05/2017	0.55	-150	3.003	7.06	7	22.00
MW-16	12/13/2012	0.31	-126.1	3.451	7.03	132	30.30
	12/11/2013	0.29	-149.3	3.814	7.14	22	22.45
	12/19/2014	0.44	-103.9	4.047	7.03	51	21.20
	12/07/2015	0.14	-173.6	2.097	6.86	5	22.91
	06/07/2016	0.57	-47.3	4.197	7.01	14	23.00

TABLE VIII
SUMMARY OF WATER QUALITY PARAMETERS
COOPER DRUM COMPANY SUPERFUND SITE
SOUTH GATE, CALIFORNIA

Well ID	Sample Date	Dissolved Oxygen mg/L	Oxidation-reduction Potential mV	Specific Electrical Conductance mS/cm	pH pH units	Turbidity NTU	Temperature ° C
MW-16	11/30/2016	0.60	-73.9	3.758	6.83	46	20.90
	06/06/2017	0.41	-80.9	3.677	7.01	50	21.60
	12/05/2017	0.57	-124	3.011	7.16	7	21.80
MW-17	06/07/2012	1.46	-145.2	7.020	6.99	20	23.60
	12/12/2012	0.87	-116.6	7.747	6.94	53	20.70
	06/18/2013	0.54	-82.6	6.806	6.86	4	22.50
	12/12/2013	0.18	-217.1	7.004	7.00	10	22.33
	06/11/2014	0.18	-113.2	6.869	6.95	4	23.10
	12/16/2014	0.15	-131.1	7.313	6.97	6	21.40
	06/09/2015	1.10	-256	6.868	6.79	7	21.40
	12/09/2015	0.54	-172	6.593	6.96	49	23.10
	06/09/2016	0.56	-107.2	5.966	6.91	7	22.10
	12/01/2016	0.72	-114.4	6.503	6.91	6	21.90
	06/06/2017	0.50	-121.3	6.503	7.10	3	21.60
	12/08/2017	0.50	-136	6.321	7.14	5	20.70
MW-18	12/11/2012	0.48	-192.4	4.911	7.07	23	20.97
	12/12/2013	0.21	-223	5.198	7.03	-	20.61
	12/16/2014	0.40	-124.3	5.628	7.23	129	20.10
	12/09/2015	0.35	-212	5.363	7.03	81	22.90
	12/01/2016	0.65	-49.8	5.471	6.71	13	21.30
	06/07/2017	0.75	-108.4	5.226	7.18	20	21.20
	12/08/2017	0.66	-134	5.023	7.15	14	21.80
MW-19	06/07/2012	1.79	-155.2	5.660	6.93	30	23.10
	12/12/2012	0.32	-119.2	6.265	6.91	52	21.80
	06/18/2013	0.36	-112.2	5.566	6.81	13	22.16
	12/11/2013	0.63	-155.1	5.565	6.88	8	22.50
	06/11/2014	0.55	-136.6	4.750	6.89	45	23.40
	12/15/2014	0.84	-101.3	5.122	7.30	12	21.30
	06/09/2015	0.62	-251	5.234	6.94	6	22.83
	12/09/2015	0.89	-97.4	4.746	6.94	7	21.06
	06/07/2016	0.32	-185.2	4.650	7.14	21	23.60
	12/01/2016	0.18	-123.5	4.988	7.23	19	22.86
	06/08/2017	0.36	-133.6	5.082	7.25	16	23.30
	12/07/2017	0.38	-146	5.040	7.15	10	21.20
MW-20	06/13/2012	0.53	-238.4	5.920	7.17	15	23.30
	12/14/2012	0.83	-71.1	5.401	6.95	68	20.90
	06/18/2013	0.27	-109.4	6.075	6.73	84	21.60
	12/13/2013	0.17	-299.4	5.452	6.97	21	22.61
	06/10/2014	0.14	-48.2	4.644	6.99	20	24.00
	12/19/2014	0.30	-31.3	2.991	7.11	12	22.60
	06/11/2015	0.45	-335	4.663	7.01	346	26.20
	12/09/2015	0.70	-48	4.804	6.80	9	22.06
	06/07/2016	0.43	-25.4	5.791	6.98	20	25.30
	12/02/2016	0.60	-16	5.682	6.81	45	21.29
	06/08/2017	1.94	127.3	5.017	7.05	57	20.80
	12/07/2017	1.23	134.4	5.164	7.14	51	21.90

TABLE VIII
SUMMARY OF WATER QUALITY PARAMETERS
COOPER DRUM COMPANY SUPERFUND SITE
SOUTH GATE, CALIFORNIA

Well ID	Sample Date	Dissolved Oxygen mg/L	Oxidation-reduction Potential mV	Specific Electrical Conductance mS/cm	pH pH units	Turbidity NTU	Temperature ° C
MW-20B	06/12/2012	1.95	-81.7	5.600	6.90	7	24.10
	12/12/2012	0.29	-144.6	4.859	7.18	17	20.80
	06/18/2013	0.17	-180.4	5.112	7.20	19	21.90
	12/12/2013	0.25	-249.3	6.271	7.00	76	22.18
	06/10/2014	0.07	-110.9	6.671	6.99	136	23.60
	12/19/2014	0.33	-97.8	5.196	7.07	17	21.90
	06/11/2015	0.27	-361	7.030	7.06	67	24.36
	12/09/2015	0.28	-93.6	6.008	6.89	147	21.04
	06/07/2016	0.17	-75.7	6.740	7.02	18	24.30
	12/01/2016	0.18	-117	6.399	7.32	19	23.78
	06/06/2017	0.42	-197.5	6.139	7.04	17	23.60
	12/07/2017	0.39	-191.7	6.208	7.17	17	22.50
MW-21	06/12/2012	0.09	-80	7.170	6.96	9	23.20
	12/12/2012	0.18	-91.1	9.321	6.92	11	20.70
	06/18/2013	0.19	-99.9	7.949	6.80	17	22.13
	12/13/2013	0.60	-365.6	5.181	6.84	28	19.80
	06/10/2014	0.07	-132.7	7.798	6.94	27	22.60
	12/18/2014	0.35	-105.7	7.818	6.97	7	21.20
	06/09/2015	0.35	23.8	8.065	6.95	8	22.80
	12/10/2015	0.94	-95	8.414	6.95	3	23.30
	06/08/2016	0.28	-74.9	8.896	7.08	4	23.60
	12/02/2016	1.98	-81.8	8.618	6.91	9	18.90
	06/08/2017	0.77	-88.4	8.471	6.92	17	20.80
	12/07/2017	0.53	-112	8.349	7.02	8	22.30
MW-22	06/13/2012	0.98	-172.7	5.850	7.25	10	22.81
	12/11/2012	0.37	-171.9	5.720	7.26	5	22.53
	06/19/2013	0.56	-121.6	6.047	6.92	10	22.69
	12/11/2013	1.15	-126.5	5.508	6.99	6	21.50
	06/10/2014	0.17	-129.7	4.709	6.98	9	23.20
	12/15/2014	3.14	-145	5.328	7.17	3	21.60
	06/11/2015	0.74	-49.7	6.758	7.27	4	22.00
	12/09/2015	0.72	-128	6.391	6.93	3	21.87
	06/08/2016	0.31	-108.3	5.797	7.24	6	23.00
	12/01/2016	0.27	-155.1	4.801	7.43	3	23.30
	06/07/2017	0.26	-127.1	4.787	7.42	3	22.00
	12/06/2017	0.50	-137	4.766	7.27	4	22.30
MW-23	06/08/2012	0.71	-89.4	7.070	6.88	5	22.80
	12/11/2012	0.35	-172.5	6.610	7.10	8	23.49
	06/18/2013	0.20	-140.9	6.845	6.98	4	23.80
	12/12/2013	0.58	-313.2	6.648	6.91	4	22.50
	12/18/2014	0.30	-124.9	6.902	7.07	3	21.60
	12/08/2015	0.35	-105.3	5.407	6.85	5	22.71
	06/09/2016	0.89	-94	6.027	6.96	5	22.00
	12/01/2016	0.10	-125.2	6.284	7.32	6	22.80
	06/06/2017	0.57	-95	6.504	7.33	7	22.70
	12/08/2017	0.64	-114	6.388	7.04	4	22.60

TABLE VIII
SUMMARY OF WATER QUALITY PARAMETERS
COOPER DRUM COMPANY SUPERFUND SITE
SOUTH GATE, CALIFORNIA

Well ID	Sample Date	Dissolved Oxygen mg/L	Oxidation-reduction Potential mV	Specific Electrical Conductance mS/cm	pH pH units	Turbidity NTU	Temperature ° C
MW-23A	06/08/2012	0.91	-95.7	6.520	7.04	11	22.90
	12/12/2012	0.34	-102.1	6.590	6.62	13	21.80
	06/18/2013	0.23	-116.6	6.421	6.82	11	24.40
	12/11/2013	0.41	-156.6	6.300	6.91	5	24.90
	06/10/2014	0.10	-137.5	6.077	6.97	28	25.00
	12/16/2014	0.28	-109.5	5.990	7.02	7	21.20
	06/11/2015	0.31	-293	6.236	7.06	7	23.76
	12/08/2015	1.43	-75	5.417	6.89	6	22.92
	06/09/2016	0.39	-79.3	5.435	6.99	24	22.50
	12/01/2016	0.40	-95.6	5.519	7.27	20	20.95
	06/06/2017	0.33	-117.1	5.014	7.31	13	24.10
	12/08/2017	0.31	-128	5.135	7.17	23	22.40
MW-23B	06/12/2012	0.18	-110.8	2.510	7.20	10	22.60
	12/11/2012	0.80	-195.6	2.510	7.27	9	22.70
	12/11/2013	0.31	-172.4	2.796	7.03	9	22.10
	12/16/2014	0.19	-144.1	2.821	7.15	7	21.90
	12/08/2015	0.53	-85.8	2.629	6.98	87	22.93
	12/01/2016	0.81	-101.3	2.629	7.35	9	22.23
	12/08/2017	0.52	-119	2.611	6.80	8	22.00
MW-24	06/08/2012	1.17	-199.8	4.130	6.99	22	22.90
	12/11/2012	0.54	-245.1	1.631	7.21	7	21.50
	06/18/2013	0.32	-138.5	4.974	6.84	14	22.90
	12/12/2013	0.21	-156.8	4.810	6.94	27	22.15
	12/18/2014	0.50	-109.3	4.267	7.10	9	22.71
	12/08/2015	0.66	-147	4.012	6.96	1	23.10
	06/07/2016	0.23	-201.9	3.890	7.12	15	23.70
	11/28/2016	0.90	45.3	3.943	6.77	27	22.00
	06/06/2017	0.84	49.6	4.054	6.88	22	22.50
	12/05/2017	1.13	25	4.085	6.05	31	22.00
MW-25	06/12/2012	1.70	-171.9	4.230	7.28	14	22.20
	12/10/2012	1.10	-139.7	4.335	6.91	9	22.60
	06/19/2013	0.21	-136.4	4.434	6.95	16	22.64
	12/09/2013	0.35	-88.1	4.299	7.17	5	21.67
	06/10/2014	0.15	-124.9	4.330	7.07	15	23.30
	12/19/2014	0.43	-117.9	4.638	7.04	8	21.75
	06/08/2015	0.47	-250	4.042	7.07	5	27.06
	12/10/2015	0.50	-115.1	3.365	6.95	20	21.49
	06/08/2016	0.33	-131.8	3.647	7.02	7	22.90
	11/28/2016	1.43	52.8	3.521	6.88	10	21.80
	06/07/2017	0.22	-99.6	3.904	7.18	6	22.00
	12/07/2017	0.32	-121.4	3.976	7.33	5	22.70
MW-25B	06/12/2012	2.91	-80.8	4.060	6.88	4	20.80
	12/10/2012	1.10	-122.3	3.914	7.15	14	22.20
	06/19/2013	0.44	-114.8	3.985	6.89	9	22.67
	12/09/2013	0.38	-95.2	3.870	7.18	8	20.65
	06/10/2014	0.21	-115.5	3.753	7.03	15	23.80
	12/19/2014	0.49	-109.3	4.183	7.07	8	20.91
	06/08/2015	0.62	-267	4.127	7.01	8	25.42

TABLE VIII
SUMMARY OF WATER QUALITY PARAMETERS
COOPER DRUM COMPANY SUPERFUND SITE
SOUTH GATE, CALIFORNIA

Well ID	Sample Date	Dissolved Oxygen mg/L	Oxidation-reduction Potential mV	Specific Electrical Conductance mS/cm	pH pH units	Turbidity NTU	Temperature °C
MW-25B	12/11/2015	0.68	-78.3	3.607	6.95	3	21.30
	06/08/2016	0.66	-126.9	3.531	7.04	8	21.20
	11/28/2016	1.44	-105.6	2.569	6.71	5	21.20
	06/07/2017	0.41	-93.7	2.951	7.44	4	21.60
	12/06/2017	0.47	-98	3.016	7.30	5	22.10
MW-26	06/19/2013	0.19	-139.8	2.352	7.15	5	23.46
	06/10/2014	0.10	-61.9	3.213	7.07	46	22.50
	08/08/2016	0.45	-133.7	3.500	6.98	15	22.30
	11/28/2016	0.55	65.6	3.418	6.84	62	21.40
	06/09/2017	0.43	-104.6	3.159	6.94	43	21.90
	12/06/2017	0.37	-110.2	5.352	7.11	54	22.60
MW-27	06/08/2012	0.80	-254.1	3.940	6.96	7	22.70
	12/11/2012	0.77	-181.9	3.912	7.09	10	22.60
	06/18/2013	0.19	-113.4	3.948	6.85	14	22.06
	12/10/2013	0.20	-104.2	3.936	7.11	5	21.21
	06/10/2014	0.13	-147.6	3.867	6.95	-	23.10
	12/17/2014	0.33	-101.5	4.208	7.07	8	21.82
	06/08/2015	0.46	-391	3.859	6.90	7	23.86
	12/10/2015	0.52	-154	3.783	7.03	3	22.50
	06/09/2016	0.40	-98.7	3.626	6.97	4	23.10
	11/29/2016	0.49	194.2	3.649	6.91	9	22.10
	06/09/2017	0.60	-104.6	3.828	7.09	8	22.10
	12/05/2017	0.60	-105	3.830	7.17	6	21.90
MW-28	06/12/2012	1.19	-198.8	8.780	7.13	59	23.60
	12/12/2012	1.33	-29.9	1.481	6.80	7	20.70
	06/18/2013	0.43	-171.4	5.840	6.80	15	23.20
	12/10/2013	0.27	-120.9	5.482	7.13	11	22.63
	06/10/2014	0.89	-120.5	6.144	6.99	22	23.20
	12/19/2014	0.45	-57.2	1.937	6.90	47	21.70
	06/08/2015	0.38	-306	4.493	6.98	8	25.62
	12/10/2015	0.34	-231	5.380	7.03	5	23.50
	06/08/2016	0.24	-92.8	5.029	7.14	102	24.10
	11/30/2016	0.46	-104.5	3.489	6.70	10	22.30
	06/08/2017	0.85	-244.9	3.569	6.94	18	23.10
	12/07/2017	0.53	-211	3.568	6.71	20	20.60
MW-29	06/08/2012	1.72	-228.7	4.100	7.07	45	23.00
	12/13/2012	0.70	-132.6	4.158	6.94	9	21.40
	06/18/2013	0.28	-119.2	3.996	6.93	7	23.06
	12/10/2013	0.21	-145.9	5.002	7.17	11	22.13
	06/10/2014	0.08	-133.2	4.077	7.04	23	23.80
	12/16/2014	0.18	-141.9	4.182	7.15	8	21.98
	06/08/2015	0.54	-61.6	4.051	7.10	7	21.80
	12/08/2015	0.32	-226	4.105	7.03	7	23.80
	06/08/2016	0.14	-148.2	3.562	7.02	7	23.60
	11/30/2016	0.58	-133	3.709	6.90	7	22.80
	06/08/2017	0.84	-151.2	3.694	6.99	6	22.70
	12/06/2017	0.63	-94	3.065	7.14	7	22.00

TABLE VIII
SUMMARY OF WATER QUALITY PARAMETERS
COOPER DRUM COMPANY SUPERFUND SITE
SOUTH GATE, CALIFORNIA

Well ID	Sample Date	Dissolved Oxygen mg/L	Oxidation-reduction Potential mV	Specific Electrical Conductance mS/cm	pH pH units	Turbidity NTU	Temperature ° C
MW-29A	06/07/2012	0.61	-312.1	2.310	6.89	38	23.90
	12/11/2012	1.15	-101.2	2.116	7.05	9	19.50
	06/18/2013	0.35	-123.3	2.067	6.82	11	23.35
	12/10/2013	0.27	-89.4	2.152	7.08	7	22.27
	12/16/2014	0.39	-96.4	2.186	7.02	7	23.07
	12/08/2015	0.44	-159	2.130	6.92	3	25.10
	11/30/2016	1.21	-18.1	2.027	6.82	45	22.90
	12/06/2017	1.53	-96	2.902	6.98	68	22.30
MW-30	06/12/2012	0.85	-230.6	6.920	7.31	47	22.30
	12/13/2012	0.32	-174.1	7.050	7.12	15	21.60
	12/10/2013	0.20	-113.9	7.461	7.13	21	21.14
	12/16/2014	0.39	-117.9	8.006	7.08	31	21.52
	12/08/2015	0.37	-223	7.699	6.92	24	23.20
	06/08/2016	0.30	-121.6	5.289	6.94	15	21.90
	11/30/2016	0.65	-102.5	7.089	6.83	25	22.70
	06/08/2017	0.40	-133.4	6.621	7.00	25	22.60
	12/06/2017	0.56	-163	6.277	7.10	25	22.00
MW-31	06/07/2012	0.39	-320.7	6.120	6.96	20	22.50
	12/12/2012	0.42	-117.8	3.926	6.87	8	22.80
	12/10/2013	0.22	-90.1	5.877	7.16	6	22.53
	12/17/2014	0.22	-100.2	5.873	7.14	3	23.18
	12/08/2015	0.32	-166	4.842	7.07	1	24.80
	11/29/2016	0.55	191.1	4.673	6.99	2	22.50
	06/09/2017	0.70	-195.8	4.739	7.05	2	22.40
	12/05/2017	0.68	-165	4.518	7.12	3	22.10
MW-31A	06/07/2012	0.92	-259.3	2.800	7.06	111	23.70
	12/11/2012	0.60	-123.1	2.848	6.96	8	22.80
	12/10/2013	0.39	-55.4	2.895	7.19	4	23.89
	12/17/2014	1.20	-12.1	2.801	7.16	47	23.94
	12/08/2015	0.96	-65	2.588	7.01	1	26.20
	11/29/2016	0.80	196.8	2.399	6.95	23	22.80
	06/07/2017	0.68	-69.1	2.518	7.48	513	21.90
	12/05/2017	0.80	-91	2.591	7.37	352	22.20
MW-31B	06/12/2012	1.48	-170.4	7.710	7.30	59	22.80
	12/13/2012	0.34	-141.6	7.723	7.03	17	21.90
	12/10/2013	0.27	-80.1	7.802	7.14	15	21.58
	12/17/2014	0.68	-101.4	7.921	7.07	4	22.31
	12/08/2015	0.54	-119	7.424	7.00	5	22.80
	11/29/2016	0.37	196.1	7.003	6.95	9	22.20
	06/07/2017	0.36	-110.6	6.933	7.36	4	22.30
	12/05/2017	0.54	-119	6.900	7.24	5	21.60
MW-32	06/07/2012	0.84	-327.2	4.580	7.07	51	22.90
	12/11/2012	0.44	-227.4	4.703	7.14	9	21.50
	06/11/2014	0.07	-134.9	4.725	6.98	39	23.40
	08/08/2016	0.20	-146.8	4.508	7.07	14	23.30
	11/29/2016	0.40	195.6	4.072	6.98	15	21.20
	06/09/2017	0.68	-141.3	4.257	6.99	18	21.70
	12/08/2017	0.64	-134	4.265	7.05	9	22.10

TABLE VIII
SUMMARY OF WATER QUALITY PARAMETERS
COOPER DRUM COMPANY SUPERFUND SITE
SOUTH GATE, CALIFORNIA

Well ID	Sample Date	Dissolved Oxygen mg/L	Oxidation-reduction Potential mV	Specific Electrical Conductance mS/cm	pH pH units	Turbidity NTU	Temperature ° C
MW-33A	06/08/2012	0.07	-95.4	3.840	7.12	>1000	23.20
	12/14/2012	0.78	-57.8	3.928	7.06	992	21.30
	06/19/2013	0.36	-128.6	4.517	6.86	65	22.30
	12/12/2013	0.13	-288.6	4.086	7.03	341	23.29
	06/09/2014	0.15	-115	4.138	6.84	150	25.10
	12/16/2014	0.09	-120	4.531	6.95	>1000	21.20
	06/10/2015	0.79	-241	4.309	7.00	79	23.21
	12/09/2015	0.43	-141	4.323	6.97	1	25.70
	06/10/2016	0.42	-37.1	4.503	6.86	13	21.00
	12/01/2016	0.59	-80.9	4.578	7.20	11	25.13
	06/08/2017	0.98	24.7	4.728	6.70	>1000	21.10
	12/07/2017	1.10	39.6	4.906	6.91	>1000	23.00
MW-33B	06/08/2012	0.12	-134.8	5.410	7.21	3	23.10
	12/14/2012	0.51	-116.7	5.243	7.17	17	20.90
	06/20/2013	0.27	-108.2	5.095	7.01	18	22.50
	12/12/2013	0.25	-275.3	6.615	7.02	25	21.56
	06/09/2014	0.07	-118.7	6.469	6.94	18	25.10
	12/16/2014	0.24	-129	7.119	7.06	4	20.20
	06/10/2015	0.21	-379	6.449	7.03	43	23.72
	12/09/2015	0.46	-141	6.381	7.01	9	23.50
	06/10/2016	0.39	-67.2	6.381	6.95	20	21.10
	12/01/2016	0.29	-111.8	6.003	7.26	37	21.90
	06/09/2017	0.47	-128.9	6.182	7.31	54	22.30
	12/07/2017	0.56	-141.8	6.312	7.50	45	22.50
MW-34	06/12/2012	0.67	-69.5	2.570	7.12	6	22.40
	12/12/2012	0.78	-84.9	2.474	7.14	11	21.90
	11/30/2016	1.10	39.2	2.269	7.08	12	22.40
	06/06/2017	1.16	29.1	2.290	7.12	12	22.40
	12/08/2017	1.60	39	2.311	7.05	8	22.30
MW-35	06/08/2012	1.07	-250.8	4.930	7.08	5	22.90
	12/12/2012	0.67	-175.9	4.971	7.16	5	21.20
	11/30/2016	0.36	-96.3	4.302	6.90	38	22.10
	06/06/2017	0.40	-106.8	4.149	7.08	24	22.00
	12/06/2017	0.55	-118	3.899	7.04	35	26.90
MW-36	06/08/2012	0.46	-272.5	4.250	6.94	9	23.20
	12/11/2012	0.39	-208.8	4.019	7.15	13	22.00
	06/20/2013	0.22	-124.9	4.020	6.90	7	22.30
	12/10/2013	0.59	59.9	4.207	6.86	8	22.30
	06/10/2014	0.16	-161.6	4.303	6.96	34	23.30
	12/18/2014	0.29	-117.3	4.647	7.07	22	22.28
	06/08/2015	0.46	-75.6	4.410	6.96	6	23.30
	12/10/2015	0.70	-100.3	3.683	6.86	4	21.04
	06/07/2016	0.34	-101.5	4.438	7.01	13	22.40
	11/29/2016	0.46	-110.9	4.113	6.50	4	21.62
	06/08/2017	0.55	-112.6	4.026	6.86	7	21.40
	12/05/2017	0.53	-119.5	4.189	7.03	7	21.50

TABLE VIII
SUMMARY OF WATER QUALITY PARAMETERS
COOPER DRUM COMPANY SUPERFUND SITE
SOUTH GATE, CALIFORNIA

Well ID	Sample Date	Dissolved Oxygen mg/L	Oxidation-reduction Potential mV	Specific Electrical Conductance mS/cm	pH pH units	Turbidity NTU	Temperature ° C
MW-37	06/12/2012	1.02	-213.1	3.340	7.38	10	22.90
	12/13/2012	1.01	-124.5	3.243	7.11	8	21.10
	06/20/2013	0.31	-103.5	6.100	6.88	12	22.30
	12/10/2013	0.61	89.2	4.529	6.92	6	21.90
	06/10/2014	0.06	-153.2	5.499	6.99	48	22.60
	12/18/2014	0.50	-106.6	6.575	7.11	13	21.20
	06/08/2015	0.48	-66.1	4.153	7.00	4	22.60
	12/10/2015	0.56	-87.8	5.105	6.87	3	20.93
	06/08/2016	0.17	-75.7	7.026	7.13	24	22.50
	11/29/2016	0.56	-128.6	4.932	7.25	48	22.09
	06/08/2017	0.42	-132.4	6.492	7.01	64	22.80
	12/06/2017	0.65	-127.3	6.543	7.17	54	22.40
MW-38	06/08/2012	0.53	-288.7	2.350	6.91	8	22.70
	12/13/2012	0.55	-88.1	2.226	7.12	7	21.90
	12/10/2013	0.65	69.9	2.173	6.88	8	22.40
	12/16/2014	0.70	-77.8	2.308	7.06	6	22.30
	12/08/2015	0.75	-112	2.350	7.09	36	24.80
	08/08/2016	0.59	-89.3	2.290	7.07	13	23.20
	11/28/2016	0.40	-135.8	2.109	7.15	10	23.66
	06/09/2017	0.35	-28	2.854	7.29	5	22.40
	12/05/2017	0.37	-41.6	2.984	7.13	3	23.00
MW-39	06/12/2012	1.35	-104.3	3.970	6.82	6	21.40
	12/11/2012	2.53	-148.2	3.884	7.12	12	21.10
	12/10/2013	0.90	40.8	4.065	6.94	4	22.00
	12/16/2014	0.78	-121.4	4.021	7.06	3	22.19
	12/07/2015	0.66	-173	4.197	6.97	1	23.30
	08/08/2016	0.21	-97	3.969	6.77	8	20.10
	11/28/2016	0.21	-201.3	4.136	7.20	8	22.98
	06/09/2017	0.16	-98.2	5.980	7.31	12	22.40
	12/05/2017	0.31	-104.7	6.264	7.33	8	23.10
MW-40	06/08/2012	1.47	-248.1	6.420	7.11	15	23.80
	12/12/2012	0.62	-142.6	6.840	7.08	10	21.20
	12/10/2013	1.90	49	6.907	6.95	5	20.10
	12/16/2014	0.46	-135.1	6.502	7.11	8	20.71
	12/07/2015	0.95	-161	6.266	6.97	1	22.60
	08/08/2016	0.28	-96.7	6.370	6.82	8	22.30
	11/28/2016	0.21	-201.6	6.278	7.26	6	22.29
	06/09/2017	0.38	-105.1	2.748	7.33	5	22.40
	12/05/2017	0.41	-115.3	2.560	7.45	7	22.20
MW-41	06/13/2012	1.16	-168.9	7.920	7.20	42	22.50
	12/11/2012	0.62	-148.8	5.944	7.12	7	22.60
	06/21/2013	0.29	-133.8	5.973	6.95	5	22.70
	12/12/2013	0.60	-238.2	6.480	6.94	2	21.90
	06/11/2014	0.12	-119.9	7.156	6.95	36	23.80
	12/15/2014	0.87	-133.7	7.001	7.24	4	21.80
	06/08/2015	1.06	-80.3	7.421	6.87	5	23.60
	12/08/2015	0.57	-116.4	5.140	6.92	5	21.79
	06/07/2016	0.32	-123.1	5.846	7.01	6	22.20

TABLE VIII
SUMMARY OF WATER QUALITY PARAMETERS
COOPER DRUM COMPANY SUPERFUND SITE
SOUTH GATE, CALIFORNIA

Well ID	Sample Date	Dissolved Oxygen mg/L	Oxidation-reduction Potential mV	Specific Electrical Conductance mS/cm	pH pH units	Turbidity NTU	Temperature ° C
MW-41	12/01/2016	3.32	-103.2	7.152	6.96	4	21.70
	06/07/2017	2.62	-96.4	7.061	7.15	4	22.10
	12/05/2017	2.06	-113	6.669	7.13	3	22.20
MW-50	12/12/2012	1.02	-125.9	3.772	7.15	9	20.80
	12/10/2013	0.90	-48.4	3.816	6.95	22	22.10
	12/16/2014	1.16	-130	3.767	7.14	34	20.61
	12/10/2015	0.43	-99	3.263	6.95	14	21.82
	11/29/2016	0.33	-132	3.426	7.30	61	23.68
	12/05/2017	0.44	-103.8	3.327	7.45	52	21.30
MW-51	12/12/2012	0.93	-139.1	4.453	7.10	8	20.60
	12/10/2013	0.66	-73.5	4.533	6.94	16	21.60
	12/16/2014	2.97	-102.1	4.283	7.04	23	20.01
	12/10/2015	1.30	-91.8	3.854	6.90	93	20.37
	11/29/2016	0.22	-163.6	4.667	7.20	63	22.86
	12/05/2017	0.91	-103.7	4.537	7.77	43	22.30
MW-53	12/13/2012	0.25	-225.4	3.130	7.17	10	21.10
	12/10/2013	0.78	-36.2	4.392	6.92	7	21.70
	12/15/2014	0.29	-93.2	2.902	7.12	30	22.80
	12/10/2015	0.56	-99.1	3.721	6.92	10	21.60
	11/29/2016	0.46	-114.6	4.153	7.19	40	23.16
	12/07/2017	0.77	-83.3	3.126	6.97	24	22.20
MW-54	12/13/2012	0.24	-276.4	6.557	7.17	8	21.60
	12/10/2013	0.79	138.7	6.927	6.93	9	21.80
	12/15/2014	0.88	-131.4	6.821	7.05	13	22.14
	12/10/2015	0.73	-106.4	5.213	6.91	5	21.53
	12/01/2016	0.30	-154.3	6.458	7.07	14	21.89
	12/07/2017	0.85	-95.5	4.497	7.26	3	21.70
MW-55	06/08/2012	1.41	-251.9	3.800	7.02	98	23.10
	12/11/2012	0.55	-195.1	4.057	7.14	7	21.90
	06/20/2013	0.39	-152.7	4.102	7.15	8	22.70
	12/09/2013	1.56	-281.4	5.186	6.91	4	21.63
	06/10/2014	0.19	-178.4	4.899	7.01	29	22.60
	12/18/2014	0.57	-111.5	5.621	7.12	28	21.47
	06/08/2015	0.37	-104.1	5.025	7.16	8	23.50
	12/10/2015	0.41	-143	5.367	7.04	63	22.70
	08/08/2016	0.37	-102	5.058	7.09	8	22.00
	11/28/2016	0.17	-216.3	5.598	7.25	110	22.50
	06/09/2017	0.33	11.04	0.777	7.66	5	21.60
	12/05/2017	0.33	89.3	0.870	7.51	5	22.00
MW-57A	06/13/2012	0.17	-147.5	2.240	6.87	148	22.60
	12/13/2012	0.31	-145.6	2.142	6.98	129	20.50
	06/20/2013	0.47	-130.8	2.199	6.84	>1000	22.56
	12/12/2013	0.72	-338.2	2.325	6.80	174	21.80
	06/12/2014	0.08	-122.2	3.007	6.76	31	22.40
	12/16/2014	0.24	-153.4	2.238	6.92	53	21.80
	06/10/2015	0.57	-79.3	1.803	6.61	15	20.70
	12/09/2015	0.63	-140.9	2.338	6.80	24	21.05

TABLE VIII
SUMMARY OF WATER QUALITY PARAMETERS
COOPER DRUM COMPANY SUPERFUND SITE
SOUTH GATE, CALIFORNIA

Well ID	Sample Date	Dissolved Oxygen mg/L	Oxidation-reduction Potential mV	Specific Electrical Conductance mS/cm	pH pH units	Turbidity NTU	Temperature ° C
MW-57A	06/09/2016	0.22	-114.5	2.075	6.93	66	24.80
	12/02/2016	0.59	-149.1	2.130	6.82	57	24.20
	06/08/2017	1.21	-136.7	1.687	7.02	120	22.10
	12/07/2017	0.82	-146	1.793	7.11	80	22.40
MW-57B	06/13/2012	1.29	-101.6	2.690	6.81	9	21.10
	12/13/2012	0.59	-149.4	2.297	6.94	25	19.90
	06/20/2013	0.36	-102.4	2.701	6.87	239	22.83
	12/12/2013	0.46	-289.1	2.399	6.92	28	20.70
	06/12/2014	0.09	-126.9	2.084	7.08	107	23.10
	12/16/2014	0.28	-156	2.387	7.00	11	21.50
	06/10/2015	0.65	-57	1.954	6.83	4	21.40
	12/11/2015	0.80	-97.8	2.187	6.95	10	19.56
	06/09/2016	0.24	-80.6	2.073	7.05	77	22.20
	12/02/2016	0.86	-112.3	1.955	7.02	12	22.30
	06/07/2017	0.29	-105.7	1.867	7.33	2	21.20
	12/07/2017	0.63	-114	1.951	7.24	4	22.30
MW-58	06/13/2012	0.15	-111.1	3.060	6.96	89	22.60
	12/13/2012	0.49	-109.3	3.027	7.03	211	20.50
	06/21/2013	0.56	-119.2	2.809	6.99	49	22.27
	12/12/2013	0.29	-352	2.891	7.03	103	22.00
	06/12/2014	0.10	-131.1	2.578	7.14	29	23.80
	12/18/2014	0.30	-138.1	3.081	7.20	11	21.60
	06/10/2015	0.33	-70.6	3.051	6.96	7	22.00
	12/09/2015	0.45	-124	2.484	7.05	39	21.70
	06/09/2016	0.23	-92.6	2.246	7.15	13	25.40
	12/02/2016	0.17	-170.3	1.903	7.34	10	24.02
	06/09/2017	0.35	-119.1	4.944	7.28	39	23.20
	12/07/2017	0.57	-147	5.043	7.23	54	22.30
MW-59A	06/13/2012	1.16	-197.9	5.250	7.29	53	23.30
	12/14/2012	4.05	38.7	1.369	7.02	18	19.00
	06/21/2013	0.79	-59.3	4.662	6.97	22	24.60
	12/13/2013	0.35	-198.4	4.811	7.19	18	21.40
	06/12/2014	0.40	-62.4	4.610	7.01	38	22.90
	12/18/2014	2.51	-27.1	4.405	7.23	21	24.03
	06/08/2015	73.30	-62.4	4.182	7.17	20	25.60
	12/10/2015	0.69	-99	3.775	7.28	8	20.50
	06/07/2016	1.74	-65.5	3.601	7.13	4	24.00
	12/02/2016	1.35	-45.6	2.531	7.71	501	20.90
MW-59B	06/13/2012	0.94	-174.8	4.850	7.18	26	21.80
	12/14/2012	0.91	-121	2.160	7.09	15	20.30
	06/21/2013	0.23	-111.9	5.011	6.80	21	24.00
	12/13/2013	0.26	-263	7.074	7.00	10	21.37
	06/12/2014	0.14	-110	7.312	6.87	55	23.50
	12/18/2014	0.62	-96.3	7.375	7.06	27	22.39
	06/09/2015	0.24	-53.4	6.450	6.94	5	23.70
	12/09/2015	0.68	-134	6.458	7.01	1	23.50
	06/09/2016	0.25	-69.1	6.562	6.94	34	24.60

TABLE VIII
SUMMARY OF WATER QUALITY PARAMETERS
COOPER DRUM COMPANY SUPERFUND SITE
SOUTH GATE, CALIFORNIA

Well ID	Sample Date	Dissolved Oxygen mg/L	Oxidation-reduction Potential mV	Specific Electrical Conductance mS/cm	pH pH units	Turbidity NTU	Temperature ° C
MW-59B	12/02/2016	0.55	-83.5	6.672	6.92	48	22.10
	06/06/2017	0.25	-110.4	6.540	7.33	4	23.70
	12/08/2017	0.41	-110.2	6.206	7.33	9	23.70
MW-59C	06/13/2012	1.62	-164	1.540	7.23	69	21.10
	12/11/2012	0.68	-209.7	1.603	7.39	46	22.88
	06/21/2013	0.52	-192.2	1.592	7.07	58	23.30
	12/13/2013	0.22	-267.9	1.788	7.19	60	20.95
	06/12/2014	0.14	-84.1	1.713	7.11	56	22.30
	12/18/2014	1.39	-83.5	1.786	7.27	10	22.04
	06/09/2015	0.24	-15.2	1.720	7.31	30	23.30
	12/11/2015	1.05	-74.1	1.755	7.23	4	19.93
	06/09/2016	0.26	-77.9	1.912	7.16	11	24.00
	12/02/2016	1.10	-102.8	1.812	7.12	9	22.40
	06/06/2017	0.77	-96.7	1.825	7.33	8	23.70
	12/08/2017	0.68	-141.3	1.987	7.54	5	23.60
MW-60A	06/12/2012	0.75	-101.9	5.700	7.03	33	23.20
	12/14/2012	0.89	-136.9	5.453	7.14	10	20.60
	06/19/2013	0.41	-126.6	5.407	6.98	13	23.90
	12/11/2013	0.61	-114.3	6.305	6.96	11	23.10
	06/11/2014	0.16	-103.9	6.714	6.97	5	24.10
	12/17/2014	0.31	-121	7.308	7.00	18	21.80
	06/10/2015	0.59	-67.3	6.231	6.89	5	22.20
	12/08/2015	0.37	-111.3	4.994	6.90	17	22.10
	06/07/2016	0.89	-151.2	5.452	7.14	15	22.50
	11/29/2016	0.25	-131.3	6.274	7.08	3	23.18
	06/07/2017	0.67	-126.2	6.024	7.07	7	23.10
	12/06/2017	0.90	-93.5	5.751	7.23	17	23.20
MW-60B	06/12/2012	1.19	-93.5	5.730	6.32	26	23.30
	12/12/2012	0.68	-131.7	5.721	7.05	11	21.70
	06/19/2013	0.53	-120.1	5.423	6.81	20	23.50
	12/11/2013	0.80	-128.9	6.337	6.92	6	22.10
	06/11/2014	0.08	-109.3	6.699	6.94	25	23.60
	12/17/2014	0.48	-133.3	5.711	7.00	5	21.00
	06/10/2015	0.61	-62.3	4.503	6.78	6	22.10
	12/08/2015	0.53	-115.1	5.462	6.89	87	22.06
	06/07/2016	0.63	-152	5.578	7.09	7	22.10
	11/29/2016	0.20	-140.3	7.418	7.16	35	22.95
	06/07/2017	0.41	-153.8	7.337	7.15	68	22.20
	12/06/2017	0.58	-96.1	5.680	7.14	47	21.80
MW-61A	06/08/2012	0.41	-131.5	4.900	7.09	126	24.00
	12/12/2012	0.23	-115.8	4.691	6.92	268	21.10
	06/21/2013	0.37	-129.2	4.222	6.87	318	21.00
	12/12/2013	0.72	-298.4	4.325	6.92	216	24.10
	06/09/2014	0.13	-126.7	4.080	7.04	63	24.50
	12/17/2014	0.20	-149.7	5.929	7.30	24	22.40
	06/09/2015	0.31	-312	6.061	7.00	7	23.64
	12/10/2015	0.81	-81	5.563	7.06	19	24.70
	06/09/2016	0.37	-121.9	5.073	6.99	91	23.00

TABLE VIII
SUMMARY OF WATER QUALITY PARAMETERS
COOPER DRUM COMPANY SUPERFUND SITE
SOUTH GATE, CALIFORNIA

Well ID	Sample Date	Dissolved Oxygen mg/L	Oxidation-reduction Potential mV	Specific Electrical Conductance mS/cm	pH pH units	Turbidity NTU	Temperature ° C
MW-61A	12/01/2016	0.31	-130.2	4.778	6.97	40	23.30
	06/06/2017	0.37	-128.9	4.665	7.00	60	23.20
	12/08/2017	0.72	-150.2	4.779	7.20	35	22.30
MW-61B	06/08/2012	1.60	-113.5	3.410	7.23	8	28.50
	12/13/2012	0.40	-141.7	3.503	7.00	28	19.60
	06/21/2013	0.31	-137	2.999	7.00	39	20.90
	12/12/2013	0.39	-310.6	2.998	6.99	50	22.60
	06/09/2014	0.14	-114.4	2.085	7.14	12	24.40
	12/17/2014	0.24	-132.6	2.809	7.33	8	22.10
	06/08/2015	0.33	-339	3.198	7.07	36	23.39
	12/09/2015	0.39	-201	3.068	7.07	1	23.70
	06/09/2016	0.50	-104.2	3.083	7.05	10	21.20
	12/01/2016	0.38	-90.8	2.848	7.01	9	21.80
	06/06/2017	0.38	-151.9	3.044	7.14	9	21.60
	12/08/2017	0.60	-155.1	3.229	7.27	15	22.60
MW-62A	06/12/2012	1.63	-165.9	3.970	7.40	312	24.30
	12/14/2012	0.91	-136.2	4.140	7.13	7	20.80
	06/19/2013	0.44	-138.7	4.254	6.98	100	23.24
	12/11/2013	0.25	-203.9	4.299	7.20	107	21.41
	06/11/2014	0.15	-201.1	4.199	6.98	219	25.60
	12/17/2014	0.26	-141.3	4.282	7.19	25	22.40
	06/10/2015	0.22	-300	3.289	7.14	90	24.89
	12/08/2015	0.30	-151.3	3.425	6.98	4	22.55
	06/07/2016	0.25	-162	3.512	7.06	84	22.40
	11/29/2016	0.32	-152.1	3.491	7.26	59	24.00
	06/07/2017	0.46	-169.9	3.417	7.38	56	23.20
	12/06/2017	0.46	-107	3.562	6.82	48	21.20
MW-62B	06/12/2012	1.07	-248.6	2.290	7.48	9	22.90
	12/11/2012	0.64	-188.4	2.354	7.14	7	21.80
	06/19/2013	0.31	-94.2	2.552	7.02	16	22.05
	12/11/2013	0.31	-194.6	2.514	7.17	7	20.67
	06/11/2014	0.06	-217.9	2.569	7.00	3	25.50
	12/17/2014	0.25	-135	2.876	7.23	4	21.40
	06/10/2015	0.19	-353	2.499	7.09	6	23.01
	12/08/2015	0.73	-117.5	2.417	6.94	3	22.30
	06/07/2016	0.24	-165.8	2.598	7.07	2	22.50
	11/29/2016	0.41	182.9	2.638	6.94	3	22.10
	06/07/2017	0.69	-165.9	2.838	7.10	2	23.30
	12/06/2017	0.37	-131	2.730	7.06	4	20.60
PZ-7A	06/12/2012	0.82	-229.5	3.440	7.35	16	23.40
	12/13/2012	0.56	-181.9	3.539	7.25	12	21.80
	06/19/2013	0.39	-140.9	3.283	7.06	9	24.70
	12/11/2013	0.17	-143.3	3.584	7.28	11	23.66
	06/11/2014	0.12	-169.7	3.675	6.96	35	25.40
	12/17/2014	0.27	-136.2	3.901	7.19	7	22.96
	06/10/2015	0.55	-272	3.539	7.09	399	22.76
	12/09/2015	0.45	-128.4	3.228	6.96	16	22.73
	06/07/2016	0.63	-154.3	3.200	7.28	8	22.80

TABLE VIII
SUMMARY OF WATER QUALITY PARAMETERS
COOPER DRUM COMPANY SUPERFUND SITE
SOUTH GATE, CALIFORNIA

Well ID	Sample Date	Dissolved Oxygen mg/L	Oxidation-reduction Potential mV	Specific Electrical Conductance mS/cm	pH pH units	Turbidity NTU	Temperature ° C
PZ-7A	11/29/2016	0.56	173.1	3.704	6.94	12	21.70
	06/07/2017	0.62	-	3.727	6.90	45	21.80
	12/06/2017	0.50	-116	3.528	7.06	21	22.10
PZ-7B	06/13/2012	1.92	-158.2	3.690	7.25	573	22.90
	12/13/2012	0.56	-193.2	3.602	7.16	10	22.20
	06/19/2013	0.34	-135.5	3.413	7.00	14	23.90
	12/11/2013	0.22	-131.9	3.789	7.19	23	22.60
	06/11/2014	0.41	-130.4	3.539	6.92	41	24.40
	12/17/2014	1.76	-125	4.258	7.16	31	22.30
	06/10/2015	0.51	-291	3.847	7.13	8	24.29
	12/09/2015	0.30	-110.4	3.255	6.92	54	21.94
	06/07/2016	0.40	-151.4	3.257	7.14	8	23.50
	11/29/2016	0.92	182.4	3.547	6.92	8	21.70
	06/07/2017	0.94	-	3.541	6.94	9	21.80
	12/06/2017	0.66	-90	3.520	6.91	8	21.80
EW-2	06/21/2013	1.18	-120.3	4.312	6.85	20	22.72
	12/13/2013	4.12	-253.6	4.330	7.04	20	20.70
	06/12/2014	0.72	-110.2	4.684	7.00	12	21.70
	12/17/2014	0.58	-118.2	4.936	7.21	2	21.70
	06/11/2015	0.62	-33	4.341	7.18	3	20.80
	12/11/2015	1.47	-79.3	3.269	6.97	7	20.07
	06/10/2016	0.54	-62.9	3.461	7.05	1	22.20
	12/01/2016	0.80	-108.9	3.119	7.41	6	21.20
	06/07/2017	1.61	-71.7	3.040	7.38	2	22.90
	12/06/2017	1.28	-92	2.811	7.22	3	22.20
EW-4	06/21/2013	0.49	-90.2	2.996	7.00	10	22.46
	12/13/2013	0.17	-290.3	4.728	7.13	8	20.55
	06/12/2014	0.19	-120.3	4.840	7.02	5	20.80
	12/17/2014	0.43	-88.3	4.507	7.27	3	19.90
	06/11/2015	0.29	-40.4	4.333	7.18	3	20.90
	12/09/2015	0.82	-92.8	3.643	6.93	3	20.57
	06/10/2016	0.56	-68.7	3.695	7.05	1	21.40
	12/01/2016	0.82	-99.1	3.534	7.06	6	21.30
	06/09/2017	0.64	-49.3	4.211	7.69	5	22.10
	12/06/2017	0.54	-51.6	4.629	7.57	2	21.90
EW-5	06/19/2013	0.26	-81.4	4.474	6.85	61	23.20
	12/11/2013	0.64	-103	2.225	7.00	5	21.90
	06/11/2014	0.12	-95.3	3.472	7.00	46	23.50
	12/17/2014	2.15	-103.5	2.992	7.06	4	21.40
	12/09/2015	-	-79.9	4.144	7.07	8	21.32
	06/08/2016	2.34	-70.2	5.122	7.02	2	21.20
	12/02/2016	0.44	-61.3	3.777	7.08	195	22.03
	06/07/2017	0.60	-41.5	3.462	7.14	79	21.30
	12/06/2017	0.94	-47.9	5.180	7.34	34	22.10
EW-7A	06/19/2013	0.53	-139.3	3.951	6.84	321	24.20
	12/11/2013	0.69	-149.3	3.716	6.99	50	22.80
	06/11/2014	0.10	-177.9	3.870	6.96	197	23.70
	12/17/2014	0.49	-119.2	3.878	7.15	32	22.80

TABLE VIII
SUMMARY OF WATER QUALITY PARAMETERS
COOPER DRUM COMPANY SUPERFUND SITE
SOUTH GATE, CALIFORNIA

Well ID	Sample Date	Dissolved Oxygen mg/L	Oxidation-reduction Potential mV	Specific Electrical Conductance mS/cm	pH pH units	Turbidity NTU	Temperature ° C
EW-7A	12/10/2015	1.88	-89.3	3.382	7.03	7	21.37
	06/07/2016	1.07	-133.8	3.398	7.30	2	21.90
	11/29/2016	2.89	188.3	3.386	7.37	20	20.90
	06/07/2017	2.50	-105.3	3.772	7.39	2	22.10
	12/06/2017	0.92	-140	3.419	7.09	6	22.70
EW-7B	06/19/2013	0.36	-152.4	3.327	6.78	65	23.80
	12/11/2013	0.22	-246.2	3.667	7.12	40	22.31
	06/11/2014	0.13	-187.2	3.535	6.90	187	23.40
	12/17/2014	0.22	-101.5	3.752	7.11	9	22.24
	12/10/2015	1.66	-79.8	3.574	7.00	7	21.16
	06/07/2016	2.07	-120.2	4.157	7.41	3	21.10
	11/29/2016	1.64	197.4	4.391	7.12	11	20.20
	06/07/2017	1.70	-98.8	4.479	7.19	5	20.80
	12/06/2017	1.83	-11.3	4.181	7.11	28	21.90
EW-8	06/21/2013	0.40	-114.2	4.040	6.82	6	21.90
	12/11/2013	0.41	-249.5	4.083	7.12	20	21.72
	06/11/2014	0.13	-126.6	3.918	6.96	15	22.20
	12/18/2014	0.28	-155.4	3.819	7.05	5	20.80
	06/09/2015	0.44	-28.5	3.228	6.95	4	22.40
	12/08/2015	0.90	-108.6	2.931	6.95	13	20.06
	06/07/2016	0.23	-80.2	3.496	7.00	5	22.60
	11/30/2016	0.81	-122.5	4.073	6.76	21	20.30
	06/09/2017	0.87	-148.4	3.926	7.02	16	21.70
	12/05/2017	0.91	-105	3.911	6.98	16	21.10
EW-A	12/09/2015	0.27	-75.9	3.671	6.86	4	20.38
	06/10/2016	0.62	-64.9	4.152	6.96	2	21.50
	12/01/2016	0.95	-88.7	4.090	7.26	6	20.70
	06/09/2017	0.90	-29.7	4.150	7.77	5	21.80
	12/06/2017	0.73	-42.5	4.341	7.67	3	21.70

Abbreviations:
mg/L = milligrams per liter
mV = millivolts
mS/cm = milliSiemens per centimeter
NTU = Nephelometric Turbidity Units
° C = degrees Celsius
>1000 = turbidity reading exceeds calibration
-- = not available

TABLE IX
ANALYTICAL RESULTS FOR CHEMICALS OF CONCERN IN GROUNDWATER SAMPLES
COOPER DRUM COMPANY SUPERFUND SITE
SOUTH GATE, CALIFORNIA

Well ID	Aquifer	Sample Date	Sample Type	PCE µg/L	TCE µg/L	cDCE µg/L	1,1-DCE µg/L	tDCE µg/L	VC µg/L	1,1-DCA µg/L	1,2-DCA µg/L	Benzene µg/L	1,2-DCP µg/L	1,4-Dioxane µg/L	1,2,3-TCP µg/L
MW-1	Shallow/ Intermediate	11/01/1998	Primary	< 1	< 1	< 1	< 1	< 1	< 0.5	< 1	**0.4 J**	< 1	< 1	NA	NA
		10/01/2000	Primary	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	**0.7**	< 0.5	< 0.5	NA	NA
		01/01/2004	Primary	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	**2.3**	< 0.5	< 0.5	NA	NA
		04/01/2004	Primary	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	**0.2 J**	< 0.5	< 0.5	< 0.5	NA	NA
		11/01/2004	Primary	< 0.5	**0.27 J**	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	**2.8**	< 0.5	< 0.5	**1.7**	NA
		08/01/2006	Primary	< 0.5	**0.39 J**	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	**2.6**	< 0.5	< 0.5	**1.7**	NA
		03/01/2008	Primary	< 0.5	**0.55**	**0.28 J**	< 0.5	< 0.5	< 0.5	**0.22 J**	**2.4**	< 0.5	< 0.5	**1.8 J**	NA
		05/13/2009	Primary	< 0.5	**0.92**	**0.5 J**	< 0.5	< 0.5	< 0.5	**0.33 J**	**3.9 J**	< 0.5	< 0.5	< 2	NA
		06/14/2011	Primary	< 0.5	**1.5**	**2.2**	< 0.5	< 0.5	< 0.5	< 0.5	**2.1**	< 0.5	< 0.5	**7.9**	< 0.5
		12/08/2011	Primary	< 0.5	**2.9**	**2.5**	< 0.5	< 0.5	< 0.5	< 0.5	**2.6**	< 0.5	< 0.5	**17 J**	< 0.5
		06/08/2012	Primary	< 0.5	**2.5**	**2.1**	< 0.5	< 0.5	< 0.5	< 0.5	**1.8**	< 0.5	< 0.5	**13 J**	< 0.5
		12/12/2012	Primary	< 0.5	**3.5**	**2.4**	< 0.5	< 0.5	< 0.5	< 0.5	**1.6**	< 0.5	< 0.5	**9**	< 0.5
		06/18/2013	Primary	< 0.5	**5.6**	**3.2**	**0.59**	**0.7**	< 0.5	**0.3 J**	**1.6**	< 0.2	< 0.5	**9.2**	< 0.3
		12/12/2013	Primary	< 0.5	**11**	**4.3**	**0.74**	**0.98**	< 0.5	**0.36 J**	**2**	< 0.2	< 0.5	**12**	< 0.3
		06/12/2014	Primary	< 0.5	**9.2**	**3.5**	**0.58**	**0.64**	< 0.5	< 0.2	**1.2**	< 0.2	< 0.5	**12**	< 0.3
		12/16/2014	Primary	< 0.5	**6.3**	**2.6**	< 0.3	< 0.4	< 0.5	< 0.2	**0.96**	< 0.2	< 0.5	**11**	< 0.3
		12/16/2014	Duplicate	< 0.5	**6.2**	**2.5**	< 0.3	< 0.4	< 0.5	< 0.2	**1**	< 0.2	< 0.5	**11**	< 0.3
		06/10/2015	Primary	< 0.5	**11**	**3.6**	**0.51**	**0.57**	< 0.5	< 0.2	**1.8**	< 0.2	< 0.5	**12**	< 0.3
		12/10/2015	Primary	< 0.5	**8**	**2.2**	< 0.3	< 0.4	< 0.5	< 0.2	**0.86**	< 0.2	< 0.5	**8.2**	< 0.3
		06/07/2016	Primary	< 0.5	**8.2**	**3.5**	**0.75**	**0.4 J**	< 0.5	< 0.2	**0.93**	< 0.2	< 0.5	**10**	< 0.3
		12/02/2016	Primary	< 0.5	< 0.2	< 0.2	< 0.3	< 0.4	< 0.5	< 0.2	< 0.3	< 0.2	< 0.5	**6.7**	< 0.3
		06/06/2017	Primary	< 0.5	< 0.2	< 0.2	< 0.3	< 0.4	< 0.5	< 0.2	< 0.3	< 0.2	< 0.5	**8.4**	< 0.3
		12/07/2017	Primary	< 0.5	< 0.2	< 0.2	< 0.3	< 0.4	< 0.5	< 0.2	< 0.3	< 0.2	< 0.5	**2.9**	< 0.3
MW-2A	Shallow Gaspur	06/13/2011	Primary	< 2	**170**	**350**	**7.3**	**14**	**4.6**	**41**	**6.4**	**2.8**	**5**	**32**	< 2
		09/26/2011	Primary	< 0.5	**150**	**260**	**6**	**14 J**	**29 J**	**35**	**9.2**	**3.2**	< 0.5	**13 J**	< 0.5
		09/26/2011	Duplicate	< 2.5	**120**	**240**	**4.3**	**10 J**	**18 J**	**28**	**7.1**	< 2.5	< 2.5	**44 J**	< 2.5
		12/07/2011	Primary	< 2	**84**	**260**	**3.8**	**14**	**39**	**53**	**11**	**3.5**	**5.4**	**42 J**	< 2
		03/28/2012	Primary	< 0.5	**100**	**240**	**3.9**	**17**	**63**	**57**	**14**	**4.5**	< 0.5	**49**	< 0.5
		06/13/2012	Primary	< 2	**93**	**240**	**2.8**	**16**	**65**	**59**	**16**	**5.4**	**5.4**	**83**	< 2
		12/14/2012	Primary	< 0.5	**56**	**230**	**3.8**	**13**	**61**	**46**	**9.9**	**4.2**	< 0.5	**52 J**	< 0.5
		06/20/2013	Primary	< 0.5	**52**	**380**	**5.6**	**15**	**30**	**37**	**5.5**	**2.6**	**3.7**	**20**	< 0.3
		12/13/2013	Primary	< 5	**46**	**320**	< 3	**15**	**37**	**29**	**7.3**	< 2	< 5	**16**	< 3
		06/12/2014	Primary	< 1	**38**	**230**	**4.4**	**9.4**	**11**	**15**	**2**	**1.8**	< 1	**11**	< 0.6
		12/18/2014	Primary	< 1	**29**	**190**	**4.3**	**8.8**	**8.9**	**12**	**1.1**	**1.6**	< 1	**9.1**	< 0.6
		06/08/2015	Primary	< 0.5	**35**	**150**	**4**	**8.4**	**6.4**	**11**	**1.2**	**1.9**	**2.9**	**6.3**	< 0.3
		12/11/2015	Primary	< 0.5	**29**	**310**	**6.3**	**14**	**12**	**18**	**1.7**	**2.9**	**3.4**	**6.6**	< 0.3
		06/08/2016	Primary	< 0.5	**49**	**190**	**7.9**	**11**	**4.3**	**12**	**1.2**	**4**	< 0.5	**4.6**	< 0.3
MW-2B	Shallow Gaspur	06/13/2011	Primary	< 0.5	**12**	**20**	**2.9**	**0.99**	**1.2**	**2.5**	**0.68**	**2.1**	< 0.5	**13**	< 0.5
		09/26/2011	Primary	< 0.5	**11**	**27**	**1.6**	**0.89**	**1.4**	**3.3**	**1**	**1.3**	< 0.5	**14**	< 0.5
		12/08/2011	Primary	< 0.5	**17**	**27**	**1.6**	**1.2**	**2.9**	**3.5**	**1.3**	**1.7**	< 0.5	**15 J**	< 0.5

TABLE IX
ANALYTICAL RESULTS FOR CHEMICALS OF CONCERN IN GROUNDWATER SAMPLES
COOPER DRUM COMPANY SUPERFUND SITE
SOUTH GATE, CALIFORNIA

Well ID	Aquifer	Sample Date	Sample Type	PCE µg/L	TCE µg/L	cDCE µg/L	1,1-DCE µg/L	tDCE µg/L	VC µg/L	1,1-DCA µg/L	1,2-DCA µg/L	Benzene µg/L	1,2-DCP µg/L	1,4-Dioxane µg/L	1,2,3-TCP µg/L
MW-2B	Shallow Gaspur	03/27/2012	Primary	< 0.5	12	35	2.1	1.6	4.1	4.1	1.5	1.7	< 0.5	16 J	< 0.5
		06/13/2012	Primary	< 0.5	1.5	33	2.2	1	4.2	3.5	1.5	1.8	< 0.5	19	< 0.5
		12/14/2012	Primary	< 0.5	4.9	26	2.3	0.95	1.8	2.9	0.91	2.4	< 0.5	17	< 0.5
		06/20/2013	Primary	< 0.5	1.1	6.8	2.5	0.4 J	0.78	0.7	< 0.3	4.2	< 0.5	11	< 0.3
		12/13/2013	Primary	< 0.5	0.93	5.3	2.7	< 0.4	< 0.5	< 0.2	< 0.3	2.1	< 0.5	15	< 0.3
		12/13/2013	Duplicate	< 0.5	0.84	4.4	2.5	< 0.4	< 0.5	< 0.2	< 0.3	2.3	< 0.5	15	< 0.3
		06/12/2014	Primary	< 0.5	0.42 J	3.1	2.7	< 0.4	< 0.5	0.34 J	< 0.3	2.3	< 0.5	15	< 0.3
		12/18/2014	Primary	< 0.5	1.1	19	2.9	0.8	0.66	1.3	< 0.3	2.4	< 0.5	15	< 0.3
		06/09/2015	Primary	< 0.5	0.61 J	11	4.6	0.52	2.2	1.2	0.53	3.2	< 0.5	18	< 0.3
		06/09/2015	Duplicate	< 0.5	0.93 J	9.3	3.8	0.42 J	1.8	1	0.43 J	2.6	< 0.5	18	< 0.3
		12/11/2015	Primary	< 0.5	0.57	16	3.9	0.58	1.6	1.2	< 0.3	4.5	< 0.5	13	< 0.3
		06/09/2016	Primary	< 0.5	0.58	9.7	5	0.49 J	2.1	0.92	0.41 J	5.4	< 0.5	9.4	< 0.3
		12/01/2016	Primary	< 0.5	0.44 J	7.7	2.8	< 0.4	2	0.66	< 0.3	4.5	< 0.5	12	< 0.3
		12/01/2016	Duplicate	< 0.5	0.39 J	8.1	3.1	0.55	2.2	0.78	< 0.3	4.8	< 0.5	11	< 0.3
		06/06/2017	Primary	< 0.5	< 0.2	0.88	1	< 0.4	< 0.5	< 0.2	< 0.3	0.93	< 0.5	1.2 J	< 0.3
		12/07/2017	Primary	< 0.5	< 0.2	7.2	1.9	0.54	2.5	0.57	< 0.3	5.2	< 0.5	8	< 0.3
MW-2C	Intermediate Gaspur	06/13/2011	Primary	< 0.5	1.1	2.6	< 0.5	< 0.5	< 0.5	< 0.5	2.7	< 0.5	< 0.5	< 4	< 0.5
		09/27/2011	Primary	< 0.5	4.7	4.1	< 0.5	< 0.5	< 0.5	< 0.5	2.8	< 0.5	< 0.5	< 1.1 J	< 0.5
		12/08/2011	Primary	< 0.5	0.75	1.5	< 0.5	< 0.5	< 0.5	< 0.5	2.8	< 0.5	< 0.5	< 0.95	< 0.5
		03/26/2012	Primary	< 0.5	0.89	1.7	< 0.5	< 0.5	< 0.5	< 0.5	2.8	< 0.5	< 0.5	< 0.94 J	< 0.5
		06/13/2012	Primary	< 0.5	0.81	1.6	< 0.5	< 0.5	< 0.5	< 0.5	2.7	< 0.5	< 0.5	< 1	< 0.5
		12/13/2012	Primary	< 0.5	< 0.5	1.9	< 0.5	< 0.5	< 0.5	< 0.5	1.9	< 0.5	< 0.5	< 0.95	< 0.5
		06/20/2013	Primary	< 0.5	< 0.2	< 0.2	< 0.3	< 0.4	< 0.5	< 0.2	1.6	< 0.2	< 0.5	< 1	< 0.3
		12/13/2013	Primary	< 0.5	< 0.2	< 0.2	< 0.3	< 0.4	< 0.5	< 0.2	2.4	< 0.2	< 0.5	< 1	< 0.3
		06/12/2014	Primary	< 0.5	< 0.2	< 0.2	< 0.3	< 0.4	< 0.5	< 0.2	1.7	< 0.2	< 0.5	1.1 J	< 0.3
		12/18/2014	Primary	< 0.5	< 0.2	< 0.2	< 0.3	< 0.4	< 0.5	< 0.2	1.4	< 0.2	< 0.5	< 1	< 0.3
		06/09/2015	Primary	< 0.5	< 0.2	< 0.2	< 0.3	< 0.4	< 0.5	< 0.2	2.5	< 0.2	< 0.5	< 1	< 0.3
		12/11/2015	Primary	< 0.5	< 0.2	< 0.2	< 0.3	< 0.4	< 0.5	< 0.2	1.7	< 0.2	< 0.5	< 1	< 0.3
		12/11/2015	Duplicate	< 0.5	< 0.2	< 0.2	< 0.3	< 0.4	< 0.5	< 0.2	1.8	< 0.2	< 0.5	< 1	< 0.3
		06/09/2016	Primary	< 0.5	< 0.2	< 0.2	< 0.3	< 0.4	< 0.5	< 0.2	2	< 0.2	< 0.5	< 1	< 0.3
		12/01/2016	Primary	< 0.5	< 0.2	< 0.2	< 0.3	< 0.4	< 0.5	< 0.2	1.8	< 0.2	< 0.5	1 J	< 0.3
		06/06/2017	Primary	< 0.5	< 0.2	< 0.2	< 0.3	< 0.4	< 0.5	< 0.2	< 0.3	< 0.2	< 0.5	< 1	< 0.3
		12/07/2017	Primary	< 0.5	< 0.2	< 0.2	< 0.3	< 0.4	< 0.5	< 0.2	2.2	< 0.2	< 0.5	1.4 J	< 0.3
MW-4	Shallow/ Intermediate	11/01/1998	Primary	< 1	8	14	2	0.9 J	0.9	1	0.5	< 1	< 1	NA	NA
		10/01/2000	Primary	< 0.5	6	15	2	1	1	4	1	< 0.5	0.3 J	NA	NA
		03/01/2003	Primary	< 1	12	38	7	2	2	8	3	< 1	< 1	NA	NA
		01/01/2004	Primary	< 0.5	6.8	23	2.6	0.93	0.86	3.7	1.3	0.23 J	< 0.5	NA	NA
		11/01/2004	Primary	< 0.5	15	30 D	6.8	3	5	8.4	< 0.5	0.42 J	< 0.5	12	NA
		08/01/2006	Primary	< 0.5	11	24 D	3.7	2	1.3	8.8	2.8	< 0.5	0.67	15	NA
		03/01/2008	Primary	< 0.5	8.4	19 D	2.8	1.8	1.5	8.5	3.6	0.33 J	< 0.5	15	NA

TABLE IX
ANALYTICAL RESULTS FOR CHEMICALS OF CONCERN IN GROUNDWATER SAMPLES
COOPER DRUM COMPANY SUPERFUND SITE
SOUTH GATE, CALIFORNIA

Well ID	Aquifer	Sample Date	Sample Type	PCE µg/L	TCE µg/L	cDCE µg/L	1,1-DCE µg/L	tDCE µg/L	VC µg/L	1,1-DCA µg/L	1,2-DCA µg/L	Benzene µg/L	1,2-DCP µg/L	1,4-Dioxane µg/L	1,2,3-TCP µg/L
MW-4	Shallow/ Intermediate	05/13/2009	Primary	< 0.5	9.5	20	2.6	1.4	< 0.5	9.4	4.5	0.31 J	0.41 J	13	NA
		06/15/2011	Primary	< 0.5	6.7	17	1.9	1.4	1	17	6.2	< 0.5	< 0.5	35	< 0.5
		12/08/2011	Primary	< 0.5	8.3	14	1.5	1.2	1	17	6	< 0.5	< 0.5	26	< 0.5
		06/07/2012	Primary	< 0.5	7.9	13	1.8	1.2	0.93	17	5.1	< 0.5	< 0.5	19 J	< 0.5
		12/11/2012	Primary	< 0.5	5.3	10	0.78	0.82	< 0.5	14	5.4	< 0.5	< 0.5	40 J	< 0.5
		06/17/2013	Primary	< 0.5	1.6	7.4	0.42 J	0.53	< 0.5	11	2.4	< 0.2	< 0.5	29	< 0.3
		12/12/2013	Primary	< 0.5	0.4 J	2.5	< 0.3	< 0.4	< 0.5	1	< 0.3	< 0.2	< 0.5	29	< 0.3
		06/12/2014	Primary	< 0.5	0.31 J	2.2	< 0.3	< 0.4	< 0.5	1.2	0.57	< 0.2	< 0.5	31	< 0.3
		12/19/2014	Primary	< 0.5	0.38 J	2.6	< 0.3	< 0.4	< 0.5	2	0.6	< 0.2	< 0.5	29	< 0.3
		06/11/2015	Primary	< 0.5	0.52	2.3	< 0.3	< 0.4	< 0.5	2.4	1 J	< 0.2	< 0.5	31	< 0.3
		12/07/2015	Primary	< 0.5	0.39 J	5.5	0.55	< 0.4	< 0.5	3.1	0.77	< 0.2	< 0.5	16	< 0.3
		06/10/2016	Primary	< 0.5	< 0.2	5.6	< 0.3	< 0.4	< 0.5	3.5	0.84	< 0.2	< 0.5	15	< 0.3
		12/02/2016	Primary	< 0.5	0.46 J	10	0.72	0.91	0.56	6.8	1.9	< 0.2	< 0.5	23	< 0.3
		06/06/2017	Primary	< 0.5	0.4 J	8.9	1	0.7	0.91	6.5	1.4	< 0.2	< 0.5	23	< 0.3
		06/06/2017	Duplicate	< 0.5	0.36 J	9.4	0.96	0.64	1.1	6.5	1.4	< 0.2	< 0.5	23	< 0.3
		12/08/2017	Primary	< 0.5	0.41 J	9.6	0.66	0.57	< 0.5	4.4	1.9	< 0.2	< 0.5	13	< 0.3
MW-4B	Intermediate Gaspur	06/14/2011	Primary	< 0.5	1.9	4.2	< 0.5	1	< 0.5	< 0.5	3.9	< 0.5	< 0.5	< 3.6	< 0.5
		09/26/2011	Primary	< 0.5	2.6	6.3	< 0.5	2	< 0.5	< 0.5	4.8	0.84	< 0.5	< 0.94 J	< 0.5
		12/06/2011	Primary	< 0.5	1.8	5.5	< 0.5	1.4	< 0.5	< 0.5	4.7	< 0.5	< 0.5	< 0.95	< 0.5
		12/06/2011	Duplicate	< 0.5	2	5.7	< 0.5	1.5	< 0.5	< 0.5	5.4	< 0.5	< 0.5	< 0.95	< 0.5
		03/26/2012	Primary	< 0.5	1.2	8.4	< 0.5	2.3	< 0.5	< 0.5	5.7	0.66	< 0.5	< 0.94 J	< 0.5
		06/07/2012	Primary	< 0.5	0.84	5.5	< 0.5	1.2	< 0.5	< 0.5	4.3	< 0.5	< 0.5	< 0.94	< 0.5
		12/12/2012	Primary	< 0.5	0.56	9.4	< 0.5	2.6	< 0.5	< 0.5	4.5	0.73	< 0.5	< 0.95	< 0.5
		06/20/2013	Primary	< 0.5	< 0.2	12	< 0.3	4	< 0.5	< 0.2	4.1	1.1	< 0.5	1 J	< 0.3
		12/12/2013	Primary	< 0.5	0.38 J	28	< 0.3	7.9	< 0.5	< 0.2	3.3	4.2	< 0.5	< 1	< 0.3
		06/12/2014	Primary	< 0.5	1.4	33	< 0.3	9	< 0.5	< 0.2	2.6	5.6	< 0.5	1.1 J	< 0.3
		12/19/2014	Primary	< 0.5	1.4	26	< 0.3	7	< 0.5	< 0.2	1.4	5.2	< 0.5	< 1	< 0.3
		06/11/2015	Primary	< 0.5	1.6	31	< 0.3	9.1	0.87	< 0.2	3.1 J	7.8	< 0.5	< 1	< 0.3
		12/07/2015	Primary	< 0.5	1.2	32	< 0.3	9.7	2.3	< 0.2	2.2	7.1	< 0.5	< 1	< 0.3
		06/10/2016	Primary	< 0.5	1.2	36	< 0.3	11	1.6	< 0.2	2.7	6.2	< 0.5	< 1	< 0.3
		06/10/2016	Duplicate	< 0.5	1.1	39	< 0.3	12	1.6	< 0.2	3.6	6.8	< 0.5	< 1	< 0.3
		12/02/2016	Primary	< 0.5	1.3	45	< 0.3	14	2.3	< 0.2	3.7	5.7	< 0.5	< 1	< 0.3
		06/08/2017	Primary	< 0.5	0.52	8.8	< 0.3	2.8	0.91	< 0.2	1.8	1.6	< 0.5	< 1	< 0.3
		12/08/2017	Primary	< 0.5	1.4	39	< 0.3	14	2.8	< 0.2	3.5	5.3	< 0.5	< 1	< 0.3
MW-15	Intermediate Gaspur	12/01/2000	Primary	1	590	150	10	7	2.2	22	4.1	1	2	NA	NA
		02/01/2001	Primary	2	700	170	10	6	2	20	3.7	1	2	NA	NA
		05/01/2003	Primary	< 10 *	250	98	9 J	3 J	< 10 *	10 J	11	< 10 *	< 10 *	NA	NA
		01/01/2004	Primary	0.3 J	360 D	160 D	6.7	6.5	1.2	14	14	0.85	4.1	NA	NA
		07/01/2004	Primary	< 0.5	87 D	70 D	3.9	3.5	1.1	7.3	3.9	0.43 J	1.3	54	NA
		08/01/2006	Primary	< 0.5	17	82 D	1.1	2.3	< 0.5	1.6	2.5	0.36 J	< 0.5	12	NA

TABLE IX
ANALYTICAL RESULTS FOR CHEMICALS OF CONCERN IN GROUNDWATER SAMPLES
COOPER DRUM COMPANY SUPERFUND SITE
SOUTH GATE, CALIFORNIA

Well ID	Aquifer	Sample Date	Sample Type	PCE µg/L	TCE µg/L	cDCE µg/L	1,1-DCE µg/L	tDCE µg/L	VC µg/L	1,1-DCA µg/L	1,2-DCA µg/L	Benzene µg/L	1,2-DCP µg/L	1,4-Dioxane µg/L	1,2,3-TCP µg/L
MW-15	Intermediate Gaspur	03/01/2008	Primary	< 0.5	37 D	57 D	1.6	2.6	1.3	3.6	3.6	0.31 J	< 0.5	7.5	NA
		05/13/2009	Primary	< 0.5	27 D	55 D	1.8	2	1.7 J	3.9	3.6	0.4 J	< 0.5	6	NA
		07/15/2010	Primary	< 0.5	18	50	1.8	2.2	1.5 J	3.4 J	2.9	0.62	0.58	7.4 J	< 0.5
		06/17/2013	Primary	< 0.5	0.36 J	30	0.59	3	0.9	1.1	1.8	3.8	< 0.5	6	< 0.3
		12/11/2013	Primary	< 0.5	< 0.2	34	0.47 J	2.2	< 0.5	0.8	2.2	6.7	< 0.5	4.3	< 0.3
		06/11/2014	Primary	< 0.5	0.38 J	28	< 0.3	1.7	< 0.5	< 0.2	1.6	3.4	< 0.5	3.6	< 0.3
		12/19/2014	Primary	< 0.5	0.47 J	32	< 0.3	7.8	< 0.5	< 0.2	2	4.6	< 0.5	1 J	< 0.3
		06/08/2015	Primary	< 0.5	0.5	30	< 0.3	9.8	0.75	< 0.2	4.4	5.1	< 0.5	< 1	< 0.3
		12/07/2015	Primary	< 0.5	0.84	35	< 0.3	8.1	0.66	0.37 J	3.3	4.7	< 0.5	< 1	< 0.3
		06/07/2016	RS	< 0.5	2.6	53	0.95	3.4	0.72	0.81	2.1	1.7	< 0.5	NA	< 0.3
		06/07/2016	Primary	< 0.5	2.6	52	0.82	3.7	0.81	0.87	2.1	2	< 0.5	1.7 J	< 0.3
		11/30/2016	Primary	< 0.5	< 0.2	25	< 0.3	6.4	0.55	< 0.2	3.6	2.4	< 0.5	1.1 J	< 0.3
		06/07/2017	Primary	< 0.5	< 0.2	27	0.35 J	2.9	< 0.5	0.54	2.6	2.8	< 0.5	2.7	< 0.3
		12/05/2017	Primary	< 0.5	< 0.2	< 0.2	< 0.3	< 0.4	< 0.5	< 0.2	< 0.3	< 0.2	< 0.5	< 1	< 0.3
		12/05/2017	Duplicate	< 0.5	< 0.2	0.87	< 0.3	< 0.4	< 0.5	< 0.2	< 0.3	0.4 J	< 0.5	< 1	< 0.3
MW-15B	Lower Gaspur	05/01/2009	Primary	< 0.5	32 D	120 D	1.7	4.1	8.2	13	4.5	0.64	< 0.5	17	NA
		07/14/2010	Primary	< 0.5	13	100	2.1	4.9	8.3	6.5	5.9	< 0.5	0.73	9.4 J	< 0.5
		07/14/2010	Duplicate	< 0.5	13	100	2	4.7	7.7	6.3	6	< 0.5	0.72	9 J	< 0.5
		06/15/2011	Primary	< 0.5	13	120	2.9	5.9	5.6	7.2	7	0.9	0.84	14	< 0.5
		12/07/2011	Primary	< 1	7.3	100	1.8	4.7	2.5	4.5	5.3	1.2	< 1	14	< 1
		06/08/2012	Primary	< 0.5	7	92	1.7	4.9	2.9	4	5.1	1.9	0.71	12 J	< 0.5
		12/12/2012	Primary	< 0.5	4.8	72	1.3	4	2.2	2.8	4.1	2.7	0.56	12	< 0.5
		06/18/2013	Primary	< 0.5	< 0.2	67	1.6	4.5	5.1	4.6	4.4	2.6	< 0.5	11	< 0.3
		06/18/2013	Duplicate	< 0.5	< 0.2	69	1.6	4.6	5.2	4.6	4.4	2.6	< 0.5	12	< 0.3
		12/12/2013	Primary	< 0.5	0.25 J	69	1.6	4	4.3	3.2	3.6	2.2	< 0.5	12	< 0.3
		06/11/2014	Primary	< 0.5	< 0.2	67	1.5	4	3.6	3.7	3.5	1.7	< 0.5	14	< 0.3
		06/11/2014	Duplicate	< 0.5	< 0.2	64	1.5	3.7	3.4	3.5	3.4	1.8	< 0.5	13	< 0.3
		12/18/2014	Primary	< 0.5	1.6	55	0.9	3.8	1.2	1.1	2.2	1.9	< 0.5	5	< 0.3
		06/09/2015	Primary	< 0.5	1.2	42	0.6	5	0.97	1.2	4.2	2.6	< 0.5	2.8	< 0.3
		12/08/2015	Primary	< 0.5	3.2	82	1.2	5.7	1.1	1.6	3.9	1.9	< 0.5	< 1	< 0.3
		06/07/2016	RS	< 0.5	< 0.2	21	< 0.3	4	< 0.5	< 0.2	2.6	1.9	< 0.5	NA	< 0.3
		06/07/2016	Primary	< 0.5	< 0.2	20	0.42 J	4	< 0.5	0.31 J	2.2	1.6	< 0.5	< 1	< 0.3
		11/30/2016	Primary	< 0.5	2.2	41	0.63	3.3	0.7	0.72	1.6	1.2	< 0.5	< 1	< 0.3
		11/30/2016	Duplicate	< 0.5	2	38	0.68	3.3	0.57	0.58	1.5	1	< 0.5	< 1	< 0.3
		06/06/2017	Primary	< 0.5	0.71	34	0.42 J	2.7	1.5	0.7	1.8	1.6	< 0.5	2.9	< 0.3
		12/05/2017	Primary	< 0.5	1.2	41	0.58	3.3	< 0.5	0.65	3.1	1.6	< 0.5	2.5	< 0.3
		12/05/2017	Duplicate	< 0.5	1	42	0.53	3.4	< 0.5	0.71	3	1.5	< 0.5	2.4	< 0.3
MW-16	Exposition	12/01/2000	Primary	< 1	< 1	< 1	< 1	< 1	< 0.5	< 1	< 0.5	< 1	< 1	NA	NA
		02/01/2001	Primary	< 1	< 1	< 1	< 1	< 1	< 0.5	< 1	< 0.5	< 1	< 1	NA	NA
		03/01/2003	Primary	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	0.2 J	< 0.5	< 0.5	NA	NA

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COOPER DRUM COMPANY SUPERFUND SITE
SOUTH GATE, CALIFORNIA

Well ID	Aquifer	Sample Date	Sample Type	PCE µg/L	TCE µg/L	cDCE µg/L	1,1-DCE µg/L	tDCE µg/L	VC µg/L	1,1-DCA µg/L	1,2-DCA µg/L	Benzene µg/L	1,2-DCP µg/L	1,4-Dioxane µg/L	1,2,3-TCP µg/L
MW-16	Exposition	01/01/2004	Primary	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	NA	NA
		11/01/2004	Primary	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 1	NA
		08/01/2006	Primary	< 0.5	< 0.5	**0.25 J**	< 0.5	< 0.5	< 0.5	< 0.5	**0.58**	< 0.5	< 0.5	< 1	NA
		03/01/2008	Primary	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	**0.79**	< 0.5	< 0.5	< 2	NA
		05/13/2009	Primary	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2	NA
		06/14/2011	Primary	< 0.5	< 0.5	**0.59**	< 0.5	< 0.5	< 0.5	< 0.5	**1.1**	< 0.5	< 0.5	< 3.6	< 0.5
		06/14/2011	Duplicate	< 0.5	< 0.5	**0.58**	< 0.5	< 0.5	< 0.5	< 0.5	**1**	< 0.5	< 0.5	< 3.6	< 0.5
		12/05/2011	Primary	< 0.5	< 0.5	**0.61**	< 0.5	< 0.5	< 0.5	< 0.5	**1.2**	< 0.5	< 0.5	< 0.94	< 0.5
		12/13/2012	Primary	< 0.5	< 0.5	**1.2**	< 0.5	< 0.5	< 0.5	< 0.5	**1.1**	< 0.5	< 0.5	**1.1**	< 0.5
		12/13/2012	Duplicate	< 0.5	< 0.5	**1.1**	< 0.5	< 0.5	< 0.5	< 0.5	**1.1**	< 0.5	< 0.5	**1.9**	< 0.5
		12/11/2013	Primary	< 0.5	< 0.2	**2**	< 0.3	< 0.4	< 0.5	< 0.2	**1.1**	< 0.2	< 0.5	< 1	< 0.3
		12/19/2014	Primary	< 0.5	< 0.2	**2**	< 0.3	< 0.4	< 0.5	< 0.2	**0.72**	< 0.2	< 0.5	< 1	< 0.3
		12/07/2015	Primary	< 0.5	< 0.2	**2.4**	< 0.3	< 0.4	< 0.5	< 0.2	**1.1**	< 0.2	< 0.5	< 1	< 0.3
		06/07/2016	Primary	< 0.5	< 0.2	**2.4**	< 0.3	< 0.4	< 0.5	< 0.2	**1.1**	< 0.2	< 0.5	< 1	< 0.3
		11/30/2016	Primary	< 0.5	< 0.2	**2.7**	< 0.3	< 0.4	< 0.5	< 0.2	**0.96**	< 0.2	< 0.5	**1.3 J**	< 0.3
		06/06/2017	Primary	< 0.5	< 0.2	**3.2**	< 0.3	< 0.4	< 0.5	< 0.2	**0.8**	< 0.2	< 0.5	**2.2**	< 0.3
		12/05/2017	Primary	< 0.5	< 0.2	**3.7**	< 0.3	< 0.4	< 0.5	< 0.2	**1.3**	< 0.2	< 0.5	**2.1**	< 0.3
MW-17	Shallow Gaspur	12/01/2000	Primary	< 1	**3**	**0.5 J**	< 1	< 1	< 0.5	**0.3 J**	< 1	< 1	< 1	NA	NA
		02/01/2001	Primary	< 1	< 1	< 1	< 1	< 1	< 0.5	< 0.5	< 1	< 1	< 1	NA	NA
		03/01/2003	Primary	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	**0.2 J**	< 0.5	< 0.5	NA	NA
		01/01/2004	Primary	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	NA	NA
		11/01/2004	Primary	< 0.5	**0.58**	**0.52**	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	**0.9**	NA
		08/01/2006	Primary	< 0.5	**1.7**	**2.1**	**0.34 J**	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	**0.7 J**	NA
		03/01/2008	Primary	< 0.5	< 0.5	**0.79**	< 0.5	< 0.5	< 0.5	**0.41 J**	**0.39 J**	< 0.5	< 0.5	< 1	NA
		05/12/2009	Primary	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	**1.2 J**	< 0.5	< 0.5	**1.5 J**	NA
		06/14/2011	Primary	< 0.5	**2.6**	**4.1**	**1.4**	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 3.6	< 0.5
		12/06/2011	Primary	< 0.5	**2.3**	**3.9**	**1.9**	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	**9.6 J**	< 0.5
		06/07/2012	Primary	< 0.5	**1.4**	**2.1**	**1.4**	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	**9.5**	< 0.5
		12/12/2012	Primary	< 0.5	**1.9**	**3.6**	**1.1**	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	**9.1**	< 0.5
		12/12/2012	Duplicate	< 0.5	**1.8**	**3**	**0.97**	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	**10**	< 0.5
		06/18/2013	Primary	< 0.5	< 0.2	**1.4**	**0.53**	< 0.4	< 0.5	**0.93**	< 0.3	< 0.2	< 0.5	**4.3**	< 0.3
		12/12/2013	Primary	< 0.5	< 0.2	**2.6**	**0.7**	< 0.4	< 0.5	**0.83**	**0.77**	< 0.2	< 0.5	**5**	< 0.3
		06/11/2014	Primary	< 0.5	< 0.2	**2.4**	**0.35 J**	< 0.4	< 0.5	**0.31 J**	**0.57**	< 0.2	< 0.5	**4.3**	< 0.3
		12/16/2014	Primary	< 0.5	< 0.2	**3.6**	**0.55**	< 0.4	< 0.5	**0.5**	**0.64**	< 0.2	< 0.5	**4.8**	< 0.3
		06/09/2015	Primary	< 0.5	< 0.2	**3.1**	**0.57**	< 0.4	< 0.5	**0.49 J**	**1.3**	< 0.2	< 0.5	**3.4**	< 0.3
		12/09/2015	Primary	< 0.5	< 0.2	**2.6**	**0.48 J**	< 0.4	< 0.5	**0.36 J**	**0.76**	< 0.2	< 0.5	**1.9 J**	< 0.3
		06/09/2016	Primary	< 0.5	**2.4**	**5.6**	**2.2**	< 0.4	< 0.5	**1.1**	**0.86**	< 0.2	< 0.5	**4**	< 0.3
		06/09/2016	Duplicate	< 0.5	**2.3**	**5.6**	**2.3**	< 0.4	< 0.5	**1.2**	**0.93**	< 0.2	< 0.5	**4.3**	< 0.3

TABLE IX
ANALYTICAL RESULTS FOR CHEMICALS OF CONCERN IN GROUNDWATER SAMPLES
COOPER DRUM COMPANY SUPERFUND SITE
SOUTH GATE, CALIFORNIA

Well ID	Aquifer	Sample Date	Sample Type	PCE µg/L	TCE µg/L	cDCE µg/L	1,1-DCE µg/L	tDCE µg/L	VC µg/L	1,1-DCA µg/L	1,2-DCA µg/L	Benzene µg/L	1,2-DCP µg/L	1,4-Dioxane µg/L	1,2,3-TCP µg/L
MW-17	Shallow Gaspur	12/01/2016	Primary	< 0.5	**3**	**4.2**	**1.8**	< 0.4	< 0.5	**1.2**	**0.56**	< 0.2	< 0.5	**8.1**	< 0.3
		06/06/2017	Primary	< 0.5	**4.9**	**3.3**	**2.4**	< 0.4	< 0.5	**0.8**	< 0.3	< 0.2	< 0.5	**8.7**	< 0.3
		12/08/2017	Primary	< 0.5	**0.57**	< 0.2	< 0.3	< 0.4	< 0.5	< 0.2	< 0.3	< 0.2	< 0.5	< 1	< 0.3
MW-18	Exposition	12/01/2000	Primary	< 1	< 1	**0.6 J**	< 1	< 1	< 0.5	< 1	**0.4 J**	< 1	< 1	NA	NA
		02/01/2001	Primary	< 1	< 1	**0.5 J**	< 1	< 1	< 0.5	< 1	**0.3 J**	< 1	< 1	NA	NA
		03/01/2003	Primary	< 0.5	**0.2 J**	**0.8 J**	< 0.5	< 0.5	< 0.5	< 0.5	**0.2 J**	< 0.5	< 0.5	NA	NA
		01/01/2004	Primary	< 0.5	**0.24 J**	**0.72**	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	NA	NA
		08/01/2006	Primary	< 0.5	**0.57**	**0.96**	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.9	NA
		03/01/2008	Primary	< 0.5	**0.33 J**	**0.67**	< 0.5	< 0.5	< 0.5	< 0.5	**0.33 J**	< 0.5	< 0.5	< 2	NA
		05/12/2009	Primary	< 0.5	**1.1**	**1.6**	**0.39 J**	< 0.5	< 0.5	**0.6**	**0.48 J**	< 0.5	< 0.5	< 2	NA
		06/14/2011	Primary	< 0.5	< 0.5	**0.83**	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 3.6	< 0.5
		12/05/2011	Primary	< 0.5	< 0.5	**0.89**	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.94	< 0.5
		12/11/2012	Primary	< 0.5	< 0.5	**0.99**	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.94 J	< 0.5
		12/12/2013	Primary	< 0.5	< 0.2	**1.3**	< 0.3	< 0.4	< 0.5	< 0.2	< 0.3	< 0.2	< 0.5	< 1	< 0.3
		12/16/2014	Primary	< 0.5	< 0.2	**1.4**	< 0.3	< 0.4	< 0.5	< 0.2	< 0.3	< 0.2	< 0.5	< 1	< 0.3
		12/09/2015	Primary	< 0.5	< 0.2	**1.6**	< 0.3	< 0.4	< 0.5	< 0.2	< 0.3	< 0.2	< 0.5	< 1	< 0.3
		12/09/2015	Duplicate	< 0.5	< 0.2	**1.8**	< 0.3	< 0.4	< 0.5	< 0.2	< 0.3	< 0.2	< 0.5	< 1	< 0.3
		12/01/2016	Primary	< 0.5	< 0.2	**1.8**	< 0.3	< 0.4	< 0.5	< 0.2	< 0.3	< 0.2	< 0.5	< 1	< 0.3
		06/07/2017	Primary	< 0.5	< 0.2	**2.1**	< 0.3	< 0.4	< 0.5	< 0.2	< 0.3	< 0.2	< 0.5	**1.8 J**	< 0.3
		12/08/2017	Primary	< 0.5	< 0.2	**2.2**	< 0.3	< 0.4	< 0.5	< 0.2	< 0.3	< 0.2	< 0.5	**1.8 J**	< 0.3
MW-19	Shallow Gaspur	12/01/2000	Primary	< 1	**6700**	**45**	**18**	**9**	**1.2**	**31**	**12**	**1**	< 1	NA	NA
		02/01/2001	Primary	< 1	**5700**	**33**	**16**	**8**	**1**	**29**	**9.7**	**1**	< 1	NA	NA
		05/01/2003	Primary	< 50 *	**1000**	< 50 *	< 50 *	< 50 *	< 50 *	< 50 *	**39 J**	< 50 *	< 50 *	NA	NA
		01/01/2004	Primary	< 0.5	**450 D**	**11**	**2.8 J**	**1.5**	**0.19 J**	**3**	**34 D**	< 0.5	< 0.5	NA	NA
		07/01/2004	Primary	< 0.5	**99 D**	**4.5**	**1.6 J**	**0.65**	**0.25 J**	**0.77**	**33 D**	< 0.5	< 0.5	**17**	NA
		08/01/2006	Primary	< 0.5	**94 D**	**13**	**1.1**	**1.6**	< 0.5	**0.96**	**23**	< 0.5	< 0.5	**3.7**	NA
		03/01/2008	Primary	< 0.5	**42 D**	**15**	**0.73**	**1.6**	**0.31 J**	**0.56**	**14**	< 0.5	< 0.5	**3.3**	NA
		05/19/2009	Primary	< 0.5	**36 D**	**21 D**	< 0.5 J	**1.3 J**	< 0.5	**0.38 J**	**8.2**	< 0.5	< 0.5	**2.8**	NA
		06/15/2011	Primary	< 0.5	**11**	**29**	< 0.5	**0.89**	< 0.5	< 0.5	**5.5**	< 0.5	< 0.5	**4.2**	< 0.5
		12/07/2011	Primary	< 0.5	**6.2**	**26**	< 0.5	**1.8**	< 0.5	< 0.5	**7.1**	< 0.5	< 0.5	**2.9**	< 0.5
		12/07/2011	Duplicate	< 0.5	**7.1**	**23**	< 0.5	**1.5**	< 0.5	< 0.5	**7.4**	< 0.5	< 0.5	**2.9**	< 0.5
		06/07/2012	Primary	< 0.5	**4.5**	**15**	< 0.5	< 0.5	< 0.5	< 0.5	**6**	< 0.5	< 0.5	**3.4 J**	< 0.5
		12/12/2012	Primary	< 0.5	**6.5**	**38**	< 0.5	**3.4**	**0.87**	< 0.5	**2.6**	< 0.5	< 0.5	**4.5**	< 0.5
		06/18/2013	Primary	< 0.5	**8**	**11**	**1.2**	**0.73**	**8.5**	**0.55**	**20**	< 0.2	< 0.5	**7.3**	< 0.3
		12/11/2013	Primary	< 0.5	**4.7**	**4.3**	**2.4**	**0.43 J**	**7**	**0.7**	**41**	< 0.2	< 0.5	**5.1**	< 0.3
		06/11/2014	Primary	< 0.5	**9.8**	**13**	**3.8**	**1.1**	**4.3**	**1.2**	**74**	**0.45 J**	< 0.5	**4.2**	< 0.3
		12/15/2014	Primary	< 0.5	**7.3**	**7.9**	**3.3**	**0.98**	**2.5**	**1.1**	**34**	< 0.2	< 0.5	**3.3**	< 0.3
		06/09/2015	Primary	< 0.5	**9.5**	**19**	**3.3**	**2.3**	**2.7**	**1.3**	**28**	< 0.2	< 0.5	**3.2**	< 0.3
		12/09/2015	Primary	< 0.5	**9.8**	**19**	**3.9**	**1.7**	**3**	**1.4**	**26**	< 0.2	< 0.5	**3.4**	< 0.3
		06/07/2016	Primary	< 0.5	**8**	**6.5**	**7**	**0.68**	**3.2**	**1.5**	**19**	< 0.2	< 0.5	**5.5**	< 0.3

TABLE IX
ANALYTICAL RESULTS FOR CHEMICALS OF CONCERN IN GROUNDWATER SAMPLES
COOPER DRUM COMPANY SUPERFUND SITE
SOUTH GATE, CALIFORNIA

Well ID	Aquifer	Sample Date	Sample Type	PCE µg/L	TCE µg/L	cDCE µg/L	1,1-DCE µg/L	tDCE µg/L	VC µg/L	1,1-DCA µg/L	1,2-DCA µg/L	Benzene µg/L	1,2-DCP µg/L	1,4-Dioxane µg/L	1,2,3-TCP µg/L
MW-19	Shallow Gaspur	12/01/2016	Primary	< 0.5	7.1	15	5.6	1.9	1	1.1	12	< 0.2	< 0.5	4.8	< 0.3
		06/08/2017	Primary	< 0.5	1.5	7	1.6	0.56	7.1	0.91	8.3	< 0.2	< 0.5	9.8	< 0.3
		06/08/2017	Duplicate	< 0.5	2.2	6.1	2	0.63	4.9	0.87	6.8	< 0.2	< 0.5	12	< 0.3
		12/07/2017	Primary	< 0.5	3	8.6	< 0.3	0.55	1.8	0.69	6	< 0.2	< 0.5	8.3	< 0.3
MW-20	Shallow Gaspur	02/01/2003	Primary	5.6	300	110	7.6	5.4	< 5	32	6.4	NA	NA	NA	NA
		05/01/2003	Primary	< 13	520	140	< 13	< 13	< 13	41	< 13	< 13 *	< 13 *	NA	NA
		12/01/2003	Primary	5.2	570	150	16	7.8	3.6	44	7.6	1.1	4.2	NA	NA
		02/01/2004	Primary	4.1	490	140	14	7.3	2.8	39	7.8	0.97	4.1	NA	NA
		04/04/2004	Primary	5.1	670	180	15	8.9	< 0.5	48	8	< 0.5	4.9	120	NA
		07/01/2004	Primary	4	470 D	140 D	16	7.6	3	45	7.3	1.1	4.3	NA	NA
		11/01/2004	Primary	5.1	770 D	200 E	24	11	8.3	58 D	12	1.2	5.9 J	NA	NA
		04/01/2005	Primary	2.4	120 D	45 D	7.2	4.6	1.9	13 D	7.9	0.68	3.7	180	NA
		07/01/2005	Primary	3.2	520 D	200 D	18	8.2	4.7	54 D	10	0.85	4.4	140	NA
		07/01/2005	Primary	1.2	210 D	98 D	3.8	3.5	0.69	22	8.4	0.45 J	3	150	NA
		08/01/2005	Primary	2.7	230	81	11	5.5	2.3	30	11	0.5	4.3	160	NA
		09/01/2005	Primary	2	160	60	6.3	2.6	1.1	24	6.8	0.3	2.6	140	NA
		09/01/2005	Primary	1.7	150	50	5.5	2.7	0.8	21	6.3	0.3	2.6	120	NA
		10/01/2005	Primary	2.4	220	71	6.5	3	1	34	6.5	0.4	3.6	120	NA
		11/01/2005	Primary	1.1	130	39	5.4	1.8	0.7	22	3.7	0.3	1.8	98	NA
		01/01/2006	Primary	2.8	240	64	10	4.2	1	34	6.7	0.5	3.5	110	NA
		03/01/2006	Primary	0.75	110 D	31 D	2	1	0.62	16	2.7	< 0.5	< 0.5	79	NA
		06/01/2006	Primary	1.8	340	77	15	6	3.1	34	6.3	0.6	3.6	160	NA
		08/01/2006	Primary	0.99	140 D	26	5	2	< 0.5	14	3.9	0.4 J	2	71	NA
		03/01/2008	Primary	2.4	200 D	120 D	9.1	4.6	2.7	42 D	5.8	0.57	2.8	66	NA
		05/12/2009	Primary	1.3 J	100 D	130 D	9.2	4.6	< 2.5	32	5.3	< 2.5	< 2.5	39	NA
		06/16/2011	Primary	< 2	81	230	12	6.7	19	43	5.9	< 2	3.5	240	< 2
		12/09/2011	Primary	< 1	72	200	9	5.8	9.9	33	6.3	< 1	2.9	140 J	1.6
		06/13/2012	Primary	< 2	56	250	13	7.3	15	34	6.4	< 2	< 2	190	< 2
		12/14/2012	Primary	< 0.5	24	92	6.6	5.1	27	15	3.1	0.51	< 0.5	170	0.68
		06/18/2013	Primary	< 0.5	12	140	9.1	6.9	23	20	4	0.41 J	1.1	60	< 0.3
		12/13/2013	Primary	< 1	32	130	8.2	5.4	36	17	2.8	< 0.4	< 1	100	< 0.6
		06/10/2014	Primary	< 0.5	6.8	110	4.6	4	28	11	1.6	0.31 J	< 0.5	91	< 0.3
		12/19/2014	Primary	< 0.5	29	56	3.2	2.4	18	6	0.66	< 0.2	< 0.5	69	< 0.3
		06/11/2015	Primary	< 0.5	21	110	6.5	5.1	28	13	2.7 J	0.35 J	0.83	140	< 0.3
		06/11/2015	Duplicate	< 0.5	19	100	6.5	5.2	28	12	2.3 J	0.29 J	0.72	150	< 0.3
		12/09/2015	Primary	< 0.5	50	280	15	8	11	36	4.9	0.68	2.2	220	1.1
		06/07/2016	Primary	0.82	250	170	26	9.4	5.2	49	7	1	< 0.5	240	2.1
		12/02/2016	Primary	0.64	190	340	24	13	6.6	73	7.8	0.96	< 0.5	280	2.8
		06/08/2017	Primary	< 0.5	47	160	4.6	5.6	1.5	29	3.1	0.44 J	2.4	240	3.1
		12/07/2017	Primary	< 1	69	190	7	6.9	1.5	39	5.1	< 0.4	< 1	130	4.9

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Well ID	Aquifer	Sample Date	Sample Type	PCE µg/L	TCE µg/L	cDCE µg/L	1,1-DCE µg/L	tDCE µg/L	VC µg/L	1,1-DCA µg/L	1,2-DCA µg/L	Benzene µg/L	1,2-DCP µg/L	1,4-Dioxane µg/L	1,2,3-TCP µg/L
MW-20B	Intermediate Gaspur	07/01/2005	Primary	< 0.5	0.3 J	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	0.5	NA
		07/01/2005	Primary	< 0.5	16	13	< 0.5	1.1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	NA	NA
		08/01/2005	Primary	< 0.5	19	17	0.2 J	1.4	< 0.5	0.3 J	< 0.5	< 0.5	< 0.5	0.6	NA
		09/01/2005	Primary	< 0.5	18	13	0.2 J	1	< 0.5	0.4 J	< 0.5	< 0.5	< 0.5	0.5	NA
		09/01/2005	Primary	< 0.5	6.2	8.4	< 0.5	0.6	< 0.5	0.2 J	< 0.5	< 0.5	< 0.5	< 1	NA
		10/01/2005	Primary	< 0.5	6	6.9	< 0.5	0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 1	NA
		11/01/2005	Primary	< 0.5	6.1	14	0.2 J	1	0.2 J	0.4 J	< 0.5	< 0.5	< 0.5	0.8 J	NA
		01/01/2006	Primary	< 0.5	10	17	0.4	1.2	0.3	0.7	0.2	< 0.5	< 0.5	1.8	NA
		03/01/2006	Primary	< 0.5	6.3	16	< 0.5	0.87	< 0.5	0.8	< 0.5	< 0.5	< 0.5	2.2	NA
		05/01/2006	Primary	NA	11	19	0.4 J	1.4	0.4 J	0.6	NA	NA	NA	1.9	NA
		08/01/2006	Primary	< 0.5	17	27 D	0.68	2	< 0.5	1.7	< 0.5	< 0.5	< 0.5	3.7	NA
		03/01/2008	Primary	< 0.5	19	27 D	0.62	2.2	0.71	1.9	< 0.5	< 0.5	< 0.5	3	NA
		05/12/2009	Primary	< 0.5	7.7	17 D	0.84	1.6	< 0.5	2.2	< 0.5	< 0.5	< 0.5	80 D	NA
		07/14/2010	Primary	< 0.5	15	120	4.4	6	13	18	2.4	< 0.5	0.82	61 J	< 0.5
		06/16/2011	Primary	< 0.5	2.9	160	4.7	8.7	28	26	5	0.71	1.3	140	< 0.5
		12/09/2011	Primary	< 1	< 1	140	3.1	8.7	34	27	7.1	< 1	1.4	110 J	< 1
		06/12/2012	SPL	< 0.5	0.41 J	120 D	4.2	14	31 D	23 D	7.1	1.2	1.7	61	NA
		06/12/2012	Primary	< 1	< 1	180	4.4	12	30	30	7.9	1.2	1.7	120	< 1
		12/12/2012	Primary	< 0.5	< 0.5	140	3.7	9.1	44	26	6.5	0.89	1.7	140	< 0.5
		12/12/2012	Primary	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	200	NA
		06/18/2013	Primary	< 0.5	0.76	140	4.2	9.5	31	28	4.7	0.6	1.2	78	< 0.3
		12/12/2013	Primary	< 0.5	2.1	100	3.5	7.5	22	14	2.3	0.38 J	< 0.5	53	< 0.3
		06/10/2014	Primary	< 0.5	2.8	74	3	5.8	11	8.2	1.4	0.25 J	< 0.5	39	< 0.3
		12/19/2014	Primary	< 0.5	0.82	10	0.76	1.7	6.6	1.4	0.3 J	< 0.2	< 0.5	9.1	< 0.3
		12/19/2014	Duplicate	< 0.5	0.84	10	0.77	1.8	7.3	2	0.31 J	< 0.2	< 0.5	9.2	< 0.3
		06/11/2015	Primary	< 0.5	2.1	13	1.2	1.3	5.4	2.1	0.66 J	< 0.2	< 0.5	7.2	< 0.3
		12/09/2015	Primary	< 0.5	2	19	1.3	1.1	2.7	2	0.61	< 0.2	< 0.5	3.8	< 0.3
		06/07/2016	Primary	< 0.5	1.3	9.6	1.5	0.83	1.9	1.7	0.5	< 0.2	< 0.5	6.5	< 0.3
		12/01/2016	Primary	< 0.5	1.7	20	1.4	1.2	3.7	3	0.79	< 0.2	< 0.5	9.3	< 0.3
		06/06/2017	Primary	< 0.5	2	22	2	1.3	9.8	3.5	0.58	< 0.2	< 0.5	14	< 0.3
		12/07/2017	Primary	< 0.5	0.69	1.5	< 0.3	< 0.4	< 0.5	0.34 J	< 0.3	< 0.2	< 0.5	1.9 J	< 0.3
MW-21	Shallow Gaspur	12/01/2003	Primary	2.3	870	370	25	14	5.2	61	17	2.7	9.7	NA	NA
		02/01/2004	Primary	2.2	680	330	27	16 J	4.9	51	17	2.6	9.3	NA	NA
		03/01/2004	Primary	3	980	490	50 J	20	5	80	20	< 0.5	11	280	NA
		07/01/2004	Primary	2.8	640 D	340 D	29	15	5.8	69	17	2.6	8.3	NA	NA
		11/01/2004	Primary	2.1	720 D	430 D	24	11	64 D	59 D	21	3	8.2 J	NA	NA
		03/01/2005	Primary	0.43 J	180 D	120 D	13 J	11	20	18 D	5.8 D	1.5	3.3	170	NA
		11/01/2005	Primary	< 0.5	220	120	28	12	18	35	6	1.6	2.6	240	NA
		03/01/2006	Primary	< 0.5	390 D	280 D	19	17	23	50	12	2.7	< 0.5	360	NA
		08/01/2006	Primary	< 0.5	260 D	260 D	20	19	30 D	55 D	16	3.5	5.5	280	NA

TABLE IX
ANALYTICAL RESULTS FOR CHEMICALS OF CONCERN IN GROUNDWATER SAMPLES
COOPER DRUM COMPANY SUPERFUND SITE
SOUTH GATE, CALIFORNIA

Well ID	Aquifer	Sample Date	Sample Type	PCE µg/L	TCE µg/L	cDCE µg/L	1,1-DCE µg/L	tDCE µg/L	VC µg/L	1,1-DCA µg/L	1,2-DCA µg/L	Benzene µg/L	1,2-DCP µg/L	1,4-Dioxane µg/L	1,2,3-TCP µg/L
MW-21	Shallow Gaspur	03/01/2008	Primary	< 0.5	320 D	340 D	19	23 D	41 D	66 D	16	3.4	6.4	330 D	NA
		05/13/2009	Primary	< 5	340 D	500 D	15	16	14	53	14	3.2 J	6.3	< 2	NA
		07/15/2010	Primary	< 1.2	270	400	19	21	18 J	76 J	18	3.6	8.7	220 J	6
		06/16/2011	Primary	< 5	310	580	20	28	20	89	23	< 5	< 5	190 J	7.2
		12/09/2011	Primary	< 5	210	420	11	17	14	66	22	< 5	6.5	200 J	< 5
		06/12/2012	SPL	< 2	120 D	340 D	11	19	26	54	18	2.8	6.8	120	NA
		06/12/2012	Primary	< 5	150	480	12	21	24	64	21	< 5	< 5	320	< 5
		12/12/2012	Primary	< 2.5	290	630	26	30	26	100	29	3.3	< 2.5	390	26
		12/12/2012	Primary	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	600 J	NA
		06/18/2013	Primary	< 0.5	210	490	25	24	18	100	18	1.5	6.9	140	1.8
		06/18/2013	Duplicate	< 0.5	200	460	23	22	17	93	17	1.4	6.3	140	1.8
		12/13/2013	Primary	< 5	170	510	26	25	19	91	19	< 2	< 5	180	< 3
		12/13/2013	Duplicate	< 5	170	570	26	26	15	81	15	< 2	< 5	180	< 3
		06/10/2014	Primary	< 2.5	160	530	22	23	9	83	16	1.6 J	< 2.5	200	< 1.5
		06/10/2014	Duplicate	< 2.5	160	540	23	23	9	85	16	1.8 J	< 2.5	200	< 1.5
		12/18/2014	Primary	< 2.5	86	600	24	27	11	98	15	2 J	< 2.5	230	< 1.5
		06/09/2015	Primary	< 2.5	59	690	32	39	30	140	35	2.4 J	8.6	300	19
		12/10/2015	Primary	< 2.5	20	700	24	35	22	110	22	2.6	10	450	< 1.5
		06/08/2016	Primary	< 2.5	7.7	670	27	31	30	110	26	3.7	< 2.5	330	< 1.5
		12/02/2016	Primary	< 2.5	16	660	15	26	36	76	18	3.4	8.6	250	< 1.5
		06/08/2017	Primary	< 2.5	5	430	7.6	18	8.8	33	10	2.7	7.4	160	< 1.5
		12/07/2017	Primary	< 2.5	< 1	280	3.7	11	5.6	16	5.5	< 1	< 2.5	44	< 1.5
MW-22	Shallow Gaspur	01/01/2004	Primary	< 0.5	7.2	2.9	< 0.5	0.21 J	< 0.5	< 0.5	< 0.5	1.8	< 0.5	NA	NA
		11/01/2004	Primary	< 0.5	9.6	9.7	< 0.5	0.53	0.56	0.38 J	< 0.5	3.7	< 0.5	1.1	NA
		08/01/2006	Primary	< 0.5	3.2	6.3	< 0.5	< 0.24 J	< 0.5	1.2	< 0.5	4.1	< 0.5	0.9	NA
		03/01/2008	Primary	< 0.5	3.6	4.9	< 0.5	0.28 L	0.28 J	0.91	< 0.5	< 0.5	< 0.5	0.73 J	NA
		05/18/2009	Primary	< 0.5	2.8	6.3 J	< 0.5 J	0.28 J	< 0.5	1.7	< 0.5	3.8	< 0.5	2.1	NA
		12/06/2011	Primary	< 0.5	1.7	6.3	< 0.5	< 0.5	< 0.5	4	< 0.5	1.1	< 0.5	3.8 J	< 0.5
		06/13/2012	Primary	< 0.5	2.2	6.9	< 0.5	< 0.5	< 0.5	3.7	< 0.5	0.96	< 0.5	4	< 0.5
		12/11/2012	Primary	< 0.5	1.5	4.9	< 0.5	< 0.5	< 0.5	2.6	< 0.5	< 0.5	< 0.5	3.9 J	< 0.5
		06/19/2013	Primary	< 0.5	1.3	4.8	< 0.3	< 0.4	< 0.5	4.3	< 0.3	< 0.2	< 0.5	5 J	< 0.3
		12/11/2013	Primary	< 0.5	3.6	12	< 0.3	3.2	< 0.5	5.1	< 0.3	1.3	< 0.5	5.6	< 0.3
		06/10/2014	Primary	< 0.5	5.8	16	< 0.3	5.8	< 0.5	3.3	1.2	2.3	< 0.5	4.8	< 0.3
		12/15/2014	Primary	< 0.5	2.6	12	< 0.3	1.9	< 0.5	7.8	0.57	0.7	< 0.5	10	< 0.3
		12/15/2014	Duplicate	< 0.5	2.6	13	< 0.3	2	< 0.5	8.7	0.78	0.81	< 0.5	10	< 0.3
		06/11/2015	Primary	< 0.5	2	13	< 0.3	0.77	< 0.5	13	0.93 J	< 0.2	< 0.5	14	< 0.3
		12/09/2015	Primary	< 0.5	3.4	20	0.42 J	< 0.4	< 0.5	17	0.65	< 0.2	< 0.5	19	< 0.3
		06/08/2016	Primary	< 0.5	2.8	14	0.61	0.54	< 0.5	9.2	0.63	< 0.2	< 0.5	12	< 0.3

TABLE IX
ANALYTICAL RESULTS FOR CHEMICALS OF CONCERN IN GROUNDWATER SAMPLES
COOPER DRUM COMPANY SUPERFUND SITE
SOUTH GATE, CALIFORNIA

Well ID	Aquifer	Sample Date	Sample Type	PCE µg/L	TCE µg/L	cDCE µg/L	1,1-DCE µg/L	tDCE µg/L	VC µg/L	1,1-DCA µg/L	1,2-DCA µg/L	Benzene µg/L	1,2-DCP µg/L	1,4-Dioxane µg/L	1,2,3-TCP µg/L
MW-22	Shallow Gaspur	12/01/2016	Primary	< 0.5	**2.2**	**13**	**0.53**	**0.7**	< 0.5	**5**	**0.58**	**1.1**	< 0.5	**11**	< 0.3
		06/07/2017	Primary	< 0.5	**1.8**	**9.7**	< 0.3	**0.77**	< 0.5	**2.7**	**0.39 J**	**0.73**	< 0.5	**13**	< 0.3
		12/06/2017	Primary	< 0.5	**2.7**	**16**	**0.5**	**0.69**	< 0.5	**5.8**	**0.79**	**0.4 J**	< 0.5	**11**	< 0.3
MW-23	Shallow Gaspur	01/01/2004	Primary	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	NA	NA
		11/01/2004	Primary	< 0.5	< 0.5	**0.69**	< 0.5	< 0.5	< 0.5	**0.21 J**	< 0.5	< 0.5	< 0.5	**2.7**	NA
		08/01/2006	Primary	< 0.5	< 0.5	**0.95**	< 0.5	< 0.5	< 0.5	**0.6**	< 0.5	< 0.5	< 0.5	< 0.9	NA
		03/01/2008	Primary	< 0.5	< 0.5	**0.76**	< 0.5	< 0.5	< 0.5	**0.54**	**0.43 J**	< 0.5 J	< 0.5	**0.64 J**	NA
		05/19/2009	Primary	< 0.5	< 0.5	**1**	< 0.5	< 0.5	< 0.5	**0.93 J**	**0.6 J**	< 0.5	< 0.5	< 2	NA
		07/14/2010	Primary	< 0.5	< 0.5	**1**	< 0.5	< 0.5	< 0.5	**0.99**	< 0.5	< 0.5	< 0.5	< 0.8	< 0.5
		06/14/2011	Primary	< 0.5	< 0.5	**1.2**	< 0.5	< 0.5	< 0.5	**1.1**	< 0.5	< 0.5	< 0.5	**12**	< 0.5
		12/06/2011	Primary	< 0.5	**0.52**	**1.3**	**0.76**	< 0.5	< 0.5	**1.3**	**0.58**	< 0.5	< 0.5	**3.6 J**	< 0.5
		06/08/2012	Primary	< 0.5	**0.64**	**1.6**	**0.9**	< 0.5	< 0.5	**1.4**	**0.68**	< 0.5	< 0.5	**3.7 J**	< 0.5
		12/11/2012	Primary	< 0.5	**0.53**	**0.98**	**0.63**	< 0.5	< 0.5	**0.94**	**0.56**	< 0.5	< 0.5	**4.5**	< 0.5
		06/18/2013	Primary	< 0.5	**0.65**	**1.2**	**1.1**	< 0.4	< 0.5	**1.2**	< 0.3	< 0.2	< 0.5	**4.8**	< 0.3
		12/12/2013	Primary	< 0.5	**2.3**	**2.3**	**1.3**	< 0.4	< 0.5	**1.3**	< 0.3	< 0.2	< 0.5	**5**	< 0.3
		12/18/2014	Primary	< 0.5	**1.4**	**1.9**	**0.56**	< 0.4	< 0.5	**0.3 J**	**0.42 J**	< 0.2	< 0.5	**1.3 J**	< 0.3
		12/08/2015	Primary	< 0.5	**4.8**	**5.2**	**1.8**	< 0.4	< 0.5	**1.6**	**0.74**	< 0.2	< 0.5	**4.1**	< 0.3
		06/09/2016	Primary	< 0.5	**9.3**	**5.1**	**2.9**	< 0.4	< 0.5	**1.6**	**0.8**	< 0.2	< 0.5	**5**	< 0.3
		12/01/2016	Primary	< 0.5	**16**	**5.8**	**3.4**	**0.41 J**	< 0.5	**1.8**	**0.71**	< 0.2	< 0.5	**8.4**	< 0.3
		06/06/2017	Primary	< 0.5	**18**	**4.7**	**2.8**	< 0.4	**0.58**	**1.3**	< 0.3	< 0.2	< 0.5	**11**	< 0.3
		12/08/2017	Primary	< 0.5	**2.4**	**16**	**1.5**	< 0.4	< 0.5	**1.3**	**0.76**	< 0.2	< 0.5	**5.9**	< 0.3
MW-23A	Shallow Gaspur	07/27/2011	Primary	< 0.5	**35**	**5.9**	**1.3**	< 0.5	< 0.5	**0.57**	**10**	< 0.5	< 0.5	**2.9**	< 0.5
		09/27/2011	Primary	< 0.5	**19**	**4.7**	**0.93**	< 0.5	< 0.5	< 0.5	**4.6**	< 0.5	< 0.5	< 3.4	< 0.5
		12/06/2011	Primary	< 0.5	**17**	**4.1**	**1.1**	< 0.5	< 0.5	< 0.5	**3.6**	< 0.5	< 0.5	**3 J**	< 0.5
		03/26/2012	Primary	< 0.5	**14**	**4.7**	**0.92**	< 0.5	< 0.5	< 0.5	**3.2**	< 0.5	< 0.5	**3 J**	< 0.5
		06/08/2012	Primary	< 0.5	**6.4**	**8.3**	**1**	< 0.5	< 0.5	**0.53**	**2.8**	< 0.5	< 0.5	**2.9 J**	< 0.5
		12/12/2012	Primary	< 0.5	**1.8**	**4.3**	**0.53**	< 0.5	< 0.5	< 0.5	**0.76**	< 0.5	< 0.5	**3.5**	< 0.5
		06/18/2013	Primary	< 0.5	**5.6**	**6.7**	**0.89**	< 0.4	< 0.5	**1.1**	**1.8**	< 0.2	< 0.5	**2.7**	< 0.3
		12/11/2013	Primary	< 0.5	**8.5**	**12**	**1.2**	< 0.4	< 0.5	**0.86**	**2.4**	< 0.2	< 0.5	**3**	< 0.3
		06/10/2014	Primary	< 0.5	**7.8**	**7.5**	< 0.3	< 0.4	< 0.5	< 0.2	**1.9**	< 0.2	< 0.5	**3.2**	< 0.3
		12/16/2014	Primary	< 0.5	**4.9**	**10**	< 0.3	< 0.4	< 0.5	< 0.2	**1.4**	< 0.2	< 0.5	**2.4**	< 0.3
		06/11/2015	Primary	< 0.5	**4.3**	**6.1**	**0.48 J**	< 0.4	< 0.5	< 0.2	**1.2 J**	< 0.2	< 0.5	**4.5**	< 0.3
		12/08/2015	Primary	< 0.5	**7.8**	**4.3**	**0.42 J**	< 0.4	< 0.5	< 0.2	**1.3**	< 0.2	< 0.5	**3.2**	< 0.3
		06/09/2016	Primary	< 0.5	**3.6**	**2.6**	**0.56**	< 0.4	< 0.5	< 0.2	**1**	< 0.2	< 0.5	**1.8 J**	< 0.3
		12/01/2016	Primary	< 0.5	**2.8**	**2.6**	**0.35 J**	< 0.4	< 0.5	< 0.2	**1.2**	< 0.2	< 0.5	**2.9**	< 0.3
		06/06/2017	Primary	< 0.5	**2.4**	**1.9**	**0.57**	< 0.4	< 0.5	< 0.2	**0.74**	< 0.2	< 0.5	**3.2**	< 0.3
		06/06/2017	Duplicate	< 0.5	**1.9**	**1.8**	**0.6**	< 0.4	< 0.5	< 0.2	**0.68**	< 0.2	< 0.5	**3.4**	< 0.3
		12/08/2017	Primary	< 0.5	**2.3**	**1.9**	**0.41 J**	< 0.4	< 0.5	< 0.2	**1.1**	< 0.2	< 0.5	**2.6**	< 0.3

TABLE IX
ANALYTICAL RESULTS FOR CHEMICALS OF CONCERN IN GROUNDWATER SAMPLES
COOPER DRUM COMPANY SUPERFUND SITE
SOUTH GATE, CALIFORNIA

Well ID	Aquifer	Sample Date	Sample Type	PCE µg/L	TCE µg/L	cDCE µg/L	1,1-DCE µg/L	tDCE µg/L	VC µg/L	1,1-DCA µg/L	1,2-DCA µg/L	Benzene µg/L	1,2-DCP µg/L	1,4-Dioxane µg/L	1,2,3-TCP µg/L
MW-23B	Lower Gaspur	05/19/2009	Primary	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	**0.39 J**	< 0.5	< 0.5	< 2	NA
		07/14/2010	Primary	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.8 J	< 0.5
		06/14/2011	Primary	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 3.6	< 0.5
		12/05/2011	Primary	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.94	< 0.5
		06/12/2012	Primary	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	**0.62**	< 0.5	< 0.5	< 0.95	< 0.5
		12/11/2012	Primary	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	**0.61**	< 0.5	< 0.5	< 0.95 J	< 0.5
		12/11/2012	Duplicate	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	**0.55**	< 0.5	< 0.5	< 0.95 J	< 0.5
		12/11/2013	Primary	< 0.5	< 0.2	< 0.2	< 0.3	< 0.4	< 0.5	< 0.2	< 0.3	< 0.2	< 0.5	< 1	< 0.3
		12/16/2014	Primary	< 0.5	**0.27 J**	**0.67**	< 0.3	< 0.4	< 0.5	< 0.2	< 0.3	< 0.2	< 0.5	< 1	< 0.3
		12/08/2015	Primary	< 0.5	**0.4 J**	**0.57**	< 0.3	< 0.4	< 0.5	< 0.2	**0.38 J**	< 0.2	< 0.5	< 1	< 0.3
		12/01/2016	Primary	< 0.5	**0.34 J**	**0.5**	< 0.3	< 0.4	< 0.5	< 0.2	< 0.3	< 0.2	< 0.5	< 1	< 0.3
		12/08/2017	Primary	< 0.5	**0.33 J**	< 0.2	< 0.3	< 0.4	< 0.5	< 0.2	**0.54**	< 0.2	< 0.5	< 1	< 0.3
MW-24	Shallow Gaspur	01/01/2004	Primary	< 0.5	**3.1**	**1.6**	< 0.5	< 0.5	< 0.5	< 0.5	**1.6**	< 0.5	< 0.5	NA	NA
		11/01/2004	Primary	< 0.5	**3.1**	**2.3**	< 0.5	< 0.5	< 0.5	< 0.5	**2.3**	< 0.5	< 0.5	< 1	NA
		08/01/2006	Primary	< 0.5	**2.1**	**1.3**	< 0.5	< 0.5	< 0.5	< 0.5	**2.8**	< 0.5	< 0.5	< 1	NA
		03/01/2008	Primary	< 0.5	**11**	**6.5**	**0.21 J**	**1.6**	**0.26 J**	< 0.5	**2.7**	< 0.5	< 0.5	< 2	NA
		05/17/2009	Primary	< 0.5	**19**	**12**	< 0.5	**3.3**	< 0.5	< 0.5 J	**2.8 J**	**1.2**	< 0.5	< 2	NA
		06/15/2011	Primary	< 0.5	**8.3**	**7.8**	< 0.5	**2.5**	< 0.5	< 0.5	**1.4**	< 0.5	< 0.5	< 4.2	< 0.5
		12/06/2011	Primary	< 0.5	**3.5**	**2.4**	< 0.5	< 0.5	< 0.5	< 0.5	**0.57**	< 0.5	< 0.5	< 0.94	< 0.5
		06/08/2012	Primary	< 0.5	**3.9**	**2.9**	< 0.5	**0.92**	< 0.5	< 0.5	**0.56**	< 0.5	< 0.5	< 0.94	< 0.5
		12/11/2012	Primary	< 0.5	**3.9**	**2.6**	< 0.5	**0.7**	< 0.5	< 0.5	**0.71**	< 0.5	< 0.5	< 0.95	< 0.5
		06/18/2013	Primary	< 0.5	**1.5**	**1**	< 0.3	< 0.4	< 0.5	< 0.2	< 0.3	**0.35 J**	< 0.5	< 1	< 0.3
		12/12/2013	Primary	< 0.5	**0.89**	**0.61**	< 0.3	< 0.4	< 0.5	< 0.2	< 0.3	**0.22 J**	< 0.5	< 1	< 0.3
		12/12/2013	Duplicate	< 0.5	**1.1**	**0.73**	< 0.3	< 0.4	< 0.5	< 0.2	< 0.3	**0.25 J**	< 0.5	< 1	< 0.3
		12/18/2014	Primary	< 0.5	**1.7**	**2.6**	< 0.3	**0.54**	< 0.5	< 0.2	**0.33 J**	**0.29 J**	< 0.5	< 1	< 0.3
		12/08/2015	Primary	< 0.5	**2.6**	**5.5**	< 0.3	**0.72**	< 0.5	< 0.2	**0.84**	**0.58**	< 0.5	< 1	< 0.3
		06/07/2016	Primary	< 0.5	**1.7**	**3.6**	< 0.3	**0.66**	< 0.5	< 0.2	**0.66**	**0.43 J**	< 0.5	< 1	< 0.3
		11/28/2016	Primary	< 0.5	**1.6**	**4.1**	< 0.3	**0.59**	< 0.5	< 0.2	**0.6**	**0.29 J**	< 0.5	< 1	< 0.3
		11/28/2016	Duplicate	< 0.5	**1.7**	**4.2**	< 0.3	**0.56**	< 0.5	< 0.2	**0.58**	**0.32 J**	< 0.5	< 1	< 0.3
		06/06/2017	Primary	< 0.5	**0.6**	**0.48 J**	< 0.3	< 0.4	< 0.5	< 0.2	< 0.3	< 0.2	< 0.5	< 1	< 0.3
		12/05/2017	Primary	< 0.5	< 0.2	< 0.2	< 0.3	< 0.4	< 0.5	< 0.2	< 0.3	< 0.2	< 0.5	< 1	< 0.3
MW-25	Intermediate Gaspur	01/01/2004	Primary	**0.33 J**	**50 D**	**40 D**	**1.7**	**2.9**	**0.75**	**4.7 J**	**3.3**	**0.35 J**	< 0.5	NA	NA
		07/01/2004	Primary	< 0.5	**62 D**	**64 D**	**1.2**	**3.3**	**0.7**	**2.2**	**3**	**0.36 J**	**0.83**	**9.6**	NA
		08/01/2006	Primary	< 0.5	**20**	**44 D**	**0.79**	**2.3**	< 0.5	**1.1**	**2.5**	**0.32 J**	< 0.5	**4.3**	NA
		03/01/2008	Primary	< 0.5	**12**	**22 D**	**0.27 J**	**1.7**	**0.32 J**	**0.4 J**	**1.7**	**0.47 J**	< 0.5	**1.7 J**	NA
		05/17/2009	Primary	< 0.5	**9.2**	**22 D**	< 0.5	**2**	< 0.5	**0.37 J**	< 0.5	**0.83**	< 0.5	< 2	NA
		06/15/2011	Primary	< 0.5	**3.8**	**21**	< 0.5	**3.1**	< 0.5	< 0.5	**1.7**	**1.1**	< 0.5	**2.2 J**	< 0.5
		12/06/2011	Primary	< 0.5	**3.6**	**21**	< 0.5	**4**	< 0.5	< 0.5	**2**	**1.1**	< 0.5	**1.4**	< 0.5
		06/12/2012	Primary	< 0.5	**3.4**	**21**	< 0.5	**3.9**	< 0.5	< 0.5	**2.1**	**1.4**	< 0.5	**1.4**	< 0.5
		12/10/2012	Primary	< 0.5	**2.8**	**27**	< 0.5	**4.8**	< 0.5	< 0.5	**1.9**	**1.6**	< 0.5	**1.8**	< 0.5

TABLE IX
ANALYTICAL RESULTS FOR CHEMICALS OF CONCERN IN GROUNDWATER SAMPLES
COOPER DRUM COMPANY SUPERFUND SITE
SOUTH GATE, CALIFORNIA

Well ID	Aquifer	Sample Date	Sample Type	PCE µg/L	TCE µg/L	cDCE µg/L	1,1-DCE µg/L	tDCE µg/L	VC µg/L	1,1-DCA µg/L	1,2-DCA µg/L	Benzene µg/L	1,2-DCP µg/L	1,4-Dioxane µg/L	1,2,3-TCP µg/L
MW-25	Intermediate Gaspur	12/10/2012	Duplicate	< 0.5	**2.8**	**26**	< 0.5	**4.8**	< 0.5	< 0.5	**1.8**	**1.5**	< 0.5	**2.5**	< 0.5
		06/19/2013	Primary	< 0.5	**2**	**19**	< 0.3	**4.2**	< 0.5	< 0.2	**1.4**	**0.96**	< 0.5	**1.7 J**	< 0.3
		12/09/2013	Primary	< 0.5	**1.9**	**25**	< 0.3	**5.9**	< 0.5	**0.38 J**	**1.4**	**1.3**	< 0.5	**1.5 J**	< 0.3
		06/10/2014	Primary	< 0.5	**1.8**	**21**	< 0.3	**4.7**	< 0.5	< 0.2	**1.2**	**0.94**	< 0.5	**2**	< 0.3
		12/19/2014	Primary	< 0.5	**1.2**	**21**	< 0.3	**4.2**	< 0.5	< 0.2	**1.1**	**0.76**	< 0.5	**1.1 J**	< 0.3
		06/08/2015	Primary	< 0.5	**1.8**	**24**	< 0.3	**7.2**	< 0.5	**0.38 J**	**2.1**	**1.5**	< 0.5	**1.4 J**	< 0.3
		12/10/2015	Primary	< 0.5	**3**	**23**	< 0.3	**7.7**	< 0.5	< 0.2	**1.7**	**0.4 J**	< 0.5	< 1	< 0.3
		06/08/2016	Primary	< 0.5	**3.4**	**27**	**0.39 J**	**7.8**	< 0.5	< 0.2	**2.2**	**1.6**	< 0.5	< 1	< 0.3
		11/28/2016	Primary	< 0.5	**2.2**	**26**	< 0.3	**8.1**	< 0.5	< 0.2	**1.8**	**0.48 J**	< 0.5	< 1	< 0.3
		06/07/2017	Primary	< 0.5	**1.4**	**21**	< 0.3	**7.8**	< 0.5	**0.61**	**1.5**	< 0.2	< 0.5	**2.1**	< 0.3
		12/07/2017	Primary	< 0.5	**0.55**	**14**	< 0.3	**3.1**	< 0.5	**0.36 J**	**0.84**	< 0.2	< 0.5	**2 J**	< 0.3
MW-25B	Lower Gaspur	03/01/2008	Primary	< 0.5	**36 D**	**72 D**	**1.3**	**4.5**	**0.91**	**2.7**	**3.1**	**0.31 J**	< 0.5	**11**	NA
		05/17/2009	Primary	< 0.5	**22 D**	**51 D**	**0.59**	**2.5**	< 0.5	**1.1 J**	**2.1 J**	**0.66**	**0.33 J**	< 2	NA
		06/15/2011	Primary	< 0.5	**3.7**	**32**	< 0.5	**2.7**	< 0.5	< 0.5	**2.3**	**1.4**	< 0.5	**2 J**	< 0.5
		12/07/2011	Primary	< 0.5	**3.6**	**35**	< 0.5	**3.4**	< 0.5	< 0.5	**2.4**	**1.8**	< 0.5	**2.9**	< 0.5
		06/12/2012	SPL	< 0.5	**2.1**	**27 D**	**0.31 J**	**3**	**0.37 J**	**0.31 J**	**2.1**	**2**	**0.1 J**	**3.6**	NA
		06/12/2012	Primary	< 0.5	**2.9**	**33**	< 0.5	**3.2**	< 0.5	< 0.5	**2.9**	**2.8**	< 0.5	**2.3**	< 0.5
		12/10/2012	Primary	< 0.5	**1.3**	**48**	< 0.5	**4.7**	< 0.5	< 0.5	**2.4**	**3.2**	< 0.5	**3.2**	< 0.5
		06/19/2013	Primary	< 0.5	**0.61**	**40**	**0.44 J**	**5**	< 0.5	**0.58**	**2.4**	**2.6**	< 0.5	**2.7 J**	< 0.3
		12/09/2013	Primary	< 0.5	**0.55**	**40**	< 0.3	**5**	< 0.5	< 0.2	**2.3**	**2.8**	< 0.5	**2.8**	< 0.3
		06/10/2014	Primary	< 0.5	**0.6**	**38**	< 0.3	**5**	< 0.5	< 0.2	**1.8**	**2.9**	< 0.5	**2.6**	< 0.3
		12/19/2014	Primary	< 0.5	**0.49 J**	**30**	< 0.3	**4.4**	**0.77**	< 0.2	**1.1**	**2.5**	< 0.5	**1.6 J**	< 0.3
		06/08/2015	Primary	< 0.5	**0.65**	**29**	< 0.3	**5.6**	**1.1**	**0.39 J**	**2.2**	**2.4**	< 0.5	**2.2**	< 0.3
		12/11/2015	Primary	< 0.5	**0.84**	**37**	< 0.3	**9.3**	**0.77**	**0.32 J**	**2**	**3.4**	< 0.5	< 1	< 0.3
		12/11/2015	Duplicate	< 0.5	**0.83**	**37**	< 0.3	**9.4**	**0.75**	**0.29 J**	**1.9**	**3.4**	< 0.5	< 1	< 0.3
		06/08/2016	Primary	< 0.5	**1.2**	**40**	**0.46 J**	**7.9**	**1.1**	**0.4 J**	**2.8**	**3.8**	< 0.5	< 1	< 0.3
		11/28/2016	Primary	< 0.5	**0.91**	**24**	< 0.3	**5.2**	**2.4**	< 0.2	**1.5**	**2.4**	< 0.5	**2 J**	< 0.3
		06/07/2017	Primary	< 0.5	**0.79**	**16**	< 0.3	**3.4**	**1.1**	< 0.2	**1**	**0.86**	< 0.5	< 1 J	< 0.3
		12/06/2017	Primary	< 0.5	< 0.2	**0.48 J**	< 0.3	< 0.4	< 0.5	< 0.2	< 0.3	< 0.2	< 0.5	< 1	< 0.3
MW-26	Exposition	01/01/2004	Primary	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	NA	NA
		11/01/2004	Primary	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 1	NA
		08/01/2006	Primary	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.9	NA
		03/01/2008	Primary	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2	NA
		05/17/2009	Primary	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2	NA
		03/28/2012	Primary	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	**2.2 J**	< 0.5
		06/19/2013	Primary	< 0.5	< 0.2	< 0.2	< 0.3	< 0.4	< 0.5	< 0.2	< 0.3	< 0.2	< 0.5	< 1 J	< 0.3
		06/19/2013	Duplicate	< 0.5	< 0.2	< 0.2	< 0.3	< 0.4	< 0.5	< 0.2	< 0.3	< 0.2	< 0.5	< 1 J	< 0.3
		06/10/2014	Primary	< 0.5	< 0.2	< 0.2	< 0.3	< 0.4	< 0.5	< 0.2	< 0.3	< 0.2	< 0.5	< 1	< 0.3
		08/08/2016	Primary	< 0.5	< 0.2	**0.4 J**	< 0.3	< 0.4	< 0.5	< 0.2	< 0.3	< 0.2	< 0.5	< 1	< 0.3

TABLE IX
ANALYTICAL RESULTS FOR CHEMICALS OF CONCERN IN GROUNDWATER SAMPLES
COOPER DRUM COMPANY SUPERFUND SITE
SOUTH GATE, CALIFORNIA

Well ID	Aquifer	Sample Date	Sample Type	PCE µg/L	TCE µg/L	cDCE µg/L	1,1-DCE µg/L	tDCE µg/L	VC µg/L	1,1-DCA µg/L	1,2-DCA µg/L	Benzene µg/L	1,2-DCP µg/L	1,4-Dioxane µg/L	1,2,3-TCP µg/L
MW-26	Exposition	11/28/2016	Primary	< 0.5	< 0.2	**0.52**	< 0.3	< 0.4	< 0.5	< 0.2	< 0.3	< 0.2	< 0.5	< 1	< 0.3
		06/09/2017	Primary	< 0.5	< 0.2	< 0.2	< 0.3	< 0.4	< 0.5	< 0.2	< 0.3	< 0.2	< 0.5	< 1	< 0.3
		12/06/2017	Primary	< 0.5	< 0.2	< 0.2	< 0.3	< 0.4	< 0.5	< 0.2	< 0.3	< 0.2	< 0.5	**1.3 J**	< 0.3
MW-27	Intermediate Gaspur	01/01/2004	Primary	< 0.5	**4.9**	**2.4**	< 0.5	**0.17 J**	< 0.5	< 0.5	**1.8**	< 0.5	< 0.5	NA	NA
		07/01/2004	Primary	< 0.5	**3.4**	**2.3**	< 0.5	**0.2 J**	< 0.5	< 0.5	**1.7**	< 0.5	< 0.5	**0.5 J**	NA
		08/01/2006	Primary	< 0.5	**1.4**	**0.87**	< 0.5	< 0.5	< 0.5	< 0.5	**0.72**	< 0.5	< 0.5	< 1	NA
		03/01/2008	Primary	< 0.5	**1.6**	**1.1**	< 0.5	< 0.5	< 0.5	< 0.5	**1.2**	< 0.5	< 0.5	< 2	NA
		05/19/2009	Primary	< 0.5	**12**	**8.6**	< 0.5	**1.9**	< 0.5	< 0.5	**3**	< 0.5	< 0.5	< 2	NA
		06/15/2011	Primary	< 0.5	**1.6**	**4.9**	< 0.5	**0.58**	< 0.5	< 0.5	**0.87**	**0.87**	< 0.5	< 3.7	< 0.5
		06/15/2011	Duplicate	< 0.5	**1.6**	**5.5**	< 0.5	**0.56**	< 0.5	< 0.5	**0.96**	**0.91**	< 0.5	< 3.7	< 0.5
		12/06/2011	Primary	< 0.5	**2.9**	**18**	< 0.5	**2**	< 0.5	< 0.5	**1.6**	**3.2**	< 0.5	< 0.94	< 0.5
		06/08/2012	Primary	< 0.5	**1.9**	**11**	< 0.5	**1.1**	< 0.5	< 0.5	**1.1**	**1.8**	< 0.5	< 0.94	< 0.5
		12/11/2012	Primary	< 0.5	**1.4**	**6.5**	< 0.5	**0.55**	< 0.5	< 0.5	**1.1**	**0.97**	< 0.5	< 0.95	< 0.5
		06/18/2013	Primary	< 0.5	**1.3**	**10**	< 0.3	**1.1**	< 0.5	< 0.2	**0.84**	**1.2**	< 0.5	< 1	< 0.3
		12/10/2013	Primary	< 0.5	**1**	**6.1**	< 0.3	**0.82**	< 0.5	< 0.2	< 0.3	**0.52**	< 0.5	< 1	< 0.3
		06/10/2014	Primary	< 0.5	**1**	**5.2**	< 0.3	< 0.4	< 0.5	< 0.2	< 0.3	< 0.2	< 0.5	< 1	< 0.3
		12/17/2014	Primary	< 0.5	**0.7**	**2.2**	< 0.3	< 0.4	< 0.5	< 0.2	**0.3 J**	< 0.2	< 0.5	< 1	< 0.3
		06/08/2015	Primary	< 0.5	**0.95**	**1.6**	< 0.3	< 0.4	< 0.5	< 0.2	**0.44 J**	< 0.2	< 0.5	< 1	< 0.3
		12/10/2015	Primary	< 0.5	**1.5**	**2.4**	< 0.3	< 0.4	< 0.5	< 0.2	**0.65**	< 0.2	< 0.5	< 1	< 0.3
		06/09/2016	Primary	< 0.5	**1.4**	**2.1**	< 0.3	**0.53**	< 0.5	< 0.2	**0.77**	< 0.2	< 0.5	< 1	< 0.3
		06/09/2016	Duplicate	< 0.5	**1.3**	**1.9**	< 0.3	< 0.4	< 0.5	< 0.2	**0.52**	< 0.2	< 0.5	< 1	< 0.3
		11/29/2016	Primary	< 0.5	**1.3**	**2.1**	< 0.3	**0.53**	< 0.5	< 0.2	**0.66**	< 0.2	< 0.5	< 1	< 0.3
		06/09/2017	Primary	< 0.5	< 0.2	**0.53**	< 0.3	< 0.4	< 0.5	< 0.2	< 0.3	< 0.2	< 0.5	< 1	< 0.3
		12/05/2017	Primary	< 0.5	< 0.2	**0.38 J**	< 0.3	< 0.4	< 0.5	< 0.2	< 0.3	< 0.2	< 0.5	< 1	< 0.3
MW-28	Lower Gaspur	01/01/2004	Primary	< 0.5	**11**	**10**	< 0.5	**0.48 J**	< 0.5	< 0.5	**1.8 J**	< 0.5	< 0.5	NA	NA
		11/01/2004	Primary	< 0.5	**18**	**21**	< 0.5	**1.1**	**0.73**	< 0.5	**2.4**	< 0.5	< 0.5	< 1	NA
		08/01/2006	Primary	< 0.5	**13**	**15**	**0.44 J**	**0.77**	< 0.5	**0.74**	**1.4**	< 0.5	< 0.5	**5**	NA
		03/01/2008	Primary	< 0.5	**20**	**29 D**	**0.73**	**1.7**	**0.63**	**0.73**	**1.8**	< 0.5	< 0.5	**15**	NA
		05/19/2009	Primary	< 0.5	**15 D**	**26 D**	**0.73 J**	**1.3 J**	**0.41 J**	**2.3 J**	**1.6 J**	< 0.5	< 0.5	**7.6**	NA
		06/15/2011	Primary	< 0.5	**23**	**36**	**0.72**	**2.1**	**0.56**	**2.2**	**2.9**	< 0.5	< 0.5	**13**	**0.58**
		12/07/2011	Primary	< 0.5	**18**	**37**	**0.7**	**2.4**	**0.65**	**2.2**	**2.6**	< 0.5	< 0.5	**14**	**0.55**
		06/12/2012	Primary	< 0.5	**5 J**	**14 J**	< 0.5	**0.69 J**	< 0.5	< 0.5	**1.2 J**	< 0.5	< 0.5	**11 J**	< 0.5
		06/12/2012	Duplicate	< 0.5	**4.1 J**	**12 J**	< 0.5	**0.6 J**	< 0.5	< 0.5	**1.1 J**	< 0.5	< 0.5	**11 J**	< 0.5
		12/12/2012	Primary	< 0.5	**12**	**39**	**0.69**	**2.3**	**0.76**	**1.8**	**2.6**	**0.54**	< 0.5	**8.2**	**0.51**
		06/18/2013	Primary	< 0.5	**0.96**	**59**	**1.1**	**3.8**	**0.81**	**2.4**	**2.6**	**0.27 J**	< 0.5	**13**	< 0.3
		12/10/2013	Primary	< 0.5	**2.1**	**73**	**1.2**	**3.7**	**0.99**	**2.6**	**2.2**	**0.22 J**	< 0.5	**13**	< 0.3
		06/10/2014	Primary	< 0.5	**1.9**	**63**	**0.98**	**3.2**	**0.75**	**1.7**	**1.9**	< 0.2	< 0.5	**14**	< 0.3
		12/19/2014	Primary	< 0.5	**0.82**	**19**	< 0.3	**1**	< 0.5	**0.61**	**0.55**	< 0.2	< 0.5	**5**	< 0.3
		06/08/2015	Primary	< 0.5	**3.7**	**50**	**0.67**	**3.1**	**1.6**	**1.8**	**2.7**	< 0.2	< 0.5	**10**	**0.56**
		06/08/2015	Duplicate	< 0.5	**4**	**51**	**0.73**	**4**	**1.8**	**1.9**	**2.9**	< 0.2	< 0.5	**11**	**0.54**

TABLE IX
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COOPER DRUM COMPANY SUPERFUND SITE
SOUTH GATE, CALIFORNIA

Well ID	Aquifer	Sample Date	Sample Type	PCE µg/L	TCE µg/L	cDCE µg/L	1,1-DCE µg/L	tDCE µg/L	VC µg/L	1,1-DCA µg/L	1,2-DCA µg/L	Benzene µg/L	1,2-DCP µg/L	1,4-Dioxane µg/L	1,2,3-TCP µg/L
MW-28	Lower Gaspur	12/10/2015	Primary	< 0.5	3.5	50	0.72	3.4	2.4	1.6	2.2	0.41 J	< 0.5	9	< 0.3
		06/08/2016	Primary	< 0.5	3.1	31	0.52	3.6	3.3	0.96	3.1	1.8	< 0.5	6.2	< 0.3
		11/30/2016	Primary	< 0.5	2.2	20	0.4 J	1.8	1.9	0.51	1.5	0.82	< 0.5	5	< 0.3
		06/08/2017	Primary	< 0.5	2.4	18	< 0.3	2.4	5.2	0.39 J	2.4	0.8	< 0.5	3.7	< 0.3
		12/07/2017	Primary	< 0.5	3.6	37	0.42 J	3.1	2.6	0.56	3.1	1	< 0.5	3.5	< 0.3
		12/07/2017	Duplicate	< 0.5	3.4	34	0.47 J	3.1	2.5	0.61	2.6	0.99	< 0.5	3.2	< 0.3
MW-29	Intermediate Gaspur	01/01/2004	Primary	< 0.5	16	4.7	< 0.5	0.63	< 0.5	< 0.5	1.5	< 0.5	< 0.5	NA	NA
		11/01/2004	Primary	< 0.5	21	5.7	0.38 J	0.96	0.38 J	< 0.5	< 0.5	< 0.5	< 0.5	2.2	NA
		08/01/2006	Primary	0.21 J	59 D	45 D	2.3	2.4	0.84	7.9	3.9	0.33 J	< 0.5	NA	NA
		03/01/2008	Primary	0.25 J	74 D	61 D	2.1	4.2	1	5	2.8	0.34 J	< 0.5	14	NA
		05/18/2009	Primary	< 0.5	40 D	82 D	2.1	3.3	0.72	5.9 J	3.1 J	0.42 J	0.8	11	NA
		06/16/2011	Primary	< 0.5	5.8	73	0.89	6.3	0.52	2	2.3	0.77	< 0.5	11	< 0.5
		06/16/2011	Duplicate	< 0.5	6.1	72	0.89	6.4	< 0.5	2	2.3	0.79	< 0.5	11	< 0.5
		12/08/2011	Primary	< 0.5	4.7	51	0.51	4.2	< 0.5	1.1	2.4	1.6	< 0.5	9.2 J	< 0.5
		06/08/2012	Primary	< 0.5	3.6	49	< 0.5	4.1	< 0.5	1.1	2.3	2.1	< 0.5	6.5	< 0.5
		12/13/2012	Primary	< 0.5	2.5	49	< 0.5	4	< 0.5	0.96	2.9	2.2	< 0.5	< 6.5	< 0.5
		06/18/2013	Primary	< 0.5	1.4	40	0.59	3.4	0.76	1	2	1.9	< 0.5	5.7	< 0.3
		12/10/2013	Primary	< 0.5	1	50	0.74	5.6	< 0.5	0.81	2.2	3.5	< 0.5	6.1	< 0.3
		06/10/2014	Primary	< 0.5	1	49	0.72	4.1	0.69	1.1	2.1	2.6	< 0.5	7.5	< 0.3
		12/16/2014	Primary	< 0.5	0.8	41	0.64	3.8	0.72	0.87	1.4	3.3	< 0.5	6.5	< 0.3
		06/08/2015	Primary	< 0.5	2.1	38	0.53	4.4	0.75	0.83	2	3.3	< 0.5	4.2	< 0.3
		12/08/2015	Primary	< 0.5	0.81	62	1	5.8	1.8	1.5	2.6	1.9	< 0.5	5.2	< 0.3
		06/08/2016	Primary	< 0.5	0.74	43	0.78	5.8	0.82	0.76	2.3	1.9	< 0.5	2.1	< 0.3
		11/30/2016	Primary	< 0.5	0.53	41	0.45 J	6.6	< 0.5	0.5	2	2.5	< 0.5	2.6	< 0.3
		06/08/2017	Primary	< 0.5	< 0.2	< 0.2	< 0.3	< 0.4	< 0.5	< 0.2	< 0.3	< 0.2	< 0.5	< 1	< 0.3
		12/06/2017	Primary	< 0.5	< 0.2	0.5	< 0.3	< 0.4	< 0.5	< 0.2	< 0.3	< 0.2	< 0.5	< 1	< 0.3
MW-29A	Shallow Gaspur	03/01/2008	Primary	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	0.28 J	NA
		05/18/2009	Primary	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2	NA
		06/14/2011	Primary	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 3.7	< 0.5
		12/06/2011	Primary	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.94	< 0.5
		12/06/2011	Duplicate	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.95	< 0.5
		06/07/2012	Primary	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5 J	< 0.5	< 0.5	< 0.5	< 0.5	< 0.94 J	< 0.5
		12/11/2012	Primary	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2	< 0.5
		06/18/2013	Primary	< 0.5	< 0.2	< 0.2	< 0.3	< 0.4	< 0.5	< 0.2	< 0.3	< 0.2	< 0.5	< 1	< 0.3
		12/10/2013	Primary	< 0.5	< 0.2	< 0.2	< 0.3	< 0.4	< 0.5	< 0.2	< 0.3	< 0.2	< 0.5	< 1	< 0.3
		12/10/2013	Duplicate	< 0.5	< 0.2	< 0.2	< 0.3	< 0.4	< 0.5	< 0.2	< 0.3	< 0.2	< 0.5	< 1	< 0.3
		12/16/2014	Primary	< 0.5	< 0.2	< 0.2	< 0.3	< 0.4	< 0.5	< 0.2	< 0.3	< 0.2	< 0.5	< 1	< 0.3
		12/08/2015	Primary	< 0.5	< 0.2	< 0.2	< 0.3	< 0.4	< 0.5	< 0.2	< 0.3	< 0.2	< 0.5	< 1	< 0.3
		11/30/2016	Primary	< 0.5	< 0.2	< 0.2	< 0.3	< 0.4	< 0.5	< 0.2	< 0.3	< 0.2	< 0.5	< 1	< 0.3
		12/06/2017	Primary	< 0.5	< 0.2	< 0.2	< 0.3	< 0.4	< 0.5	< 0.2	< 0.3	< 0.2	< 0.5	< 1	< 0.3

TABLE IX
ANALYTICAL RESULTS FOR CHEMICALS OF CONCERN IN GROUNDWATER SAMPLES
COOPER DRUM COMPANY SUPERFUND SITE
SOUTH GATE, CALIFORNIA

Well ID	Aquifer	Sample Date	Sample Type	PCE µg/L	TCE µg/L	cDCE µg/L	1,1-DCE µg/L	tDCE µg/L	VC µg/L	1,1-DCA µg/L	1,2-DCA µg/L	Benzene µg/L	1,2-DCP µg/L	1,4-Dioxane µg/L	1,2,3-TCP µg/L
MW-30	Lower Gaspur	01/01/2004	Primary	< 0.5	**110 D**	**5.1**	**0.43 J**	**0.84**	< 0.5	< 0.5	**2.7**	< 0.5	< 0.5	NA	NA
		07/01/2004	Primary	< 0.5	**110 D**	**6.1**	**0.77**	**1.4**	**0.2 J**	**0.42 J**	**3.7**	< 0.5	< 0.5	**8.5**	NA
		08/01/2006	Primary	< 0.5	**180 D**	**9.4**	**1.1**	**1.5**	< 0.5	**1.5**	**5.3**	< 0.5	< 0.5	**8.1**	NA
		03/01/2008	Primary	< 0.5	**180 D**	**16**	**1.1**	**2.5**	**0.44 J**	**1.7**	**5.4**	**0.26 J**	< 0.5	**8.1**	NA
		05/19/2009	Primary	< 0.5	**100 D**	**37 D**	**1.4**	**2.6**	< 0.5	**2 J**	**4.9 J**	**0.33 J**	< 0.5	**5.4**	NA
		06/16/2011	Primary	< 0.5	**72**	**52**	**0.93**	**2.2**	< 0.5	**1.4**	**3**	< 0.5	< 0.5	**11**	< 0.5
		12/08/2011	Primary	< 0.5	**44**	**54**	**0.66**	**1.9**	< 0.5	**1.2**	**2.6**	< 0.5	< 0.5	**11 J**	< 0.5
		06/12/2012	Primary	< 0.5	**29**	**66**	**0.78**	**2.1**	**5.3**	**1.2**	**2.8**	< 0.5	< 0.5	**10**	< 0.5
		12/13/2012	Primary	< 0.5	**33**	**70**	**0.88**	**2.6**	**2.3**	**1.3**	**2.9**	< 0.5	< 0.5	< 12	< 0.5
		12/10/2013	Primary	< 0.5	**13**	**74**	**0.95**	**3.9**	**3.1**	**1.1**	**1.6**	< 0.2	< 0.5	**10**	< 0.3
		12/16/2014	Primary	< 0.5	**6.7**	**63**	**0.71**	**4.6**	**1.6**	**0.76**	**1.1**	< 0.2	< 0.5	**11**	< 0.3
		12/08/2015	Primary	< 0.5	**4.8**	**71**	**0.79**	**3.9**	**3**	**1.1**	**1.7**	< 0.2	< 0.5	**10**	< 0.3
		06/08/2016	Primary	< 0.5	**3.4**	**57**	**0.93**	**5.6**	**0.58**	**0.96**	**1.2**	< 0.2	< 0.5	**9.6**	< 0.3
		11/30/2016	Primary	< 0.5	**1.8**	**61**	**0.71**	**5.8**	**1.4**	**0.83**	**1.3**	< 0.2	< 0.5	**9.7**	< 0.3
		06/08/2017	Primary	< 0.5	**2.5**	**68**	**0.75**	**6.1**	**5.3**	**1.1**	**1.4**	< 0.2	< 0.5	**13**	< 0.3
		12/06/2017	Primary	< 0.5	**0.47 J**	**3.6**	< 0.3	**0.49 J**	**0.9**	< 0.2	< 0.3	< 0.2	< 0.5	**1.7 J**	< 0.3
MW-31	Intermediate Gaspur	01/01/2004	Primary	< 0.5	**79 D**	**22 D**	**1.4**	**2**	< 0.5	< 0.5	**8**	**0.42 J**	< 0.5	NA	NA
		07/01/2004	Primary	< 0.5	**63 D**	**17**	**1.3**	**1.6**	**0.26 J**	**0.36 J**	**5.5**	**0.31 J**	< 0.5	**17**	NA
		08/01/2006	Primary	< 0.5	**11**	**4.4**	**0.49 J**	< 0.5	< 0.5	**0.49 J**	< 0.5	< 0.5	< 0.5	**2.6**	NA
		03/01/2008	Primary	< 0.5	**5.6**	**3.5**	**0.32 J**	**0.73**	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	**1.7 J**	NA
		05/17/2009	Primary	< 0.5	**10**	**5.4**	**0.4 J**	**0.73**	< 0.5	< 0.5	**0.29 J**	< 0.5	< 0.5	< 2	NA
		06/14/2011	Primary	< 0.5	**24**	**13**	**0.81**	**1.1**	< 0.5	**0.53**	< 0.5	< 0.5	< 0.5	**15**	**2.4**
		12/07/2011	Primary	< 0.5	**41**	**22**	**1.4**	**1.9**	< 0.5	**0.99**	< 0.5	< 0.5	< 0.5	**12 J**	**4**
		06/07/2012	Primary	< 0.5	**35**	**24**	**1.2**	**1.6**	< 0.5 J	**1.2**	< 0.5	< 0.5	< 0.5	**16 J**	**3.1**
		12/12/2012	Primary	< 0.5	**53**	**33**	**1.9**	**2.2**	< 0.5	**1.8**	< 0.5	< 0.5	< 0.5	**45**	**3.9**
		12/10/2013	Primary	< 0.5	**30**	**25**	**1.4**	**1.9**	< 0.5	**1.1**	< 0.3	< 0.2	< 0.5	**21**	**3.5**
		12/17/2014	Primary	< 0.5	**18**	**15**	**1.4**	**1.2**	< 0.5	**0.56**	< 0.3	< 0.2	< 0.5	**19**	< 0.3
		12/08/2015	Primary	< 0.5	**16**	**15**	**1.6**	**1.3**	< 0.5	**0.86**	< 0.3	< 0.2	< 0.5	**14**	**0.94**
		11/29/2016	Primary	< 0.5	**9.5**	**14**	**1.5**	**1.2**	< 0.5	**0.61**	**0.43 J**	< 0.2	< 0.5	**11**	< 0.3
		06/09/2017	Primary	< 0.5	**0.8**	**3.5**	< 0.3	< 0.4	< 0.5	< 0.2	< 0.3	< 0.2	< 0.5	**3.6**	< 0.3
		12/05/2017	Primary	< 0.5	**1.1**	**4.1**	< 0.3	< 0.4	< 0.5	< 0.2	< 0.3	< 0.2	< 0.5	**2.6**	< 0.3
		12/05/2017	Duplicate	< 0.5	**1.2**	**4.6**	< 0.3	< 0.4	< 0.5	< 0.2	< 0.3	< 0.2	< 0.5	**2.4**	< 0.3
MW-31A	Shallow Gaspur	03/01/2008	Primary	< 0.5	**0.44 J**	**12**	< 0.5	**0.4 J**	**0.38 J**	< 0.5	< 0.5	< 0.5	< 0.5	**1.4 J**	NA
		05/17/2009	Primary	< 0.5	**0.34 J**	**14**	< 0.5	**0.43 J**	**0.36 J**	< 0.5	< 0.5	< 0.5	< 0.5	< 2	NA
		06/14/2011	Primary	< 0.5	< 0.5	**13**	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	**3 J**	< 0.5
		12/06/2011	Primary	< 0.5	< 0.5	**12**	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	**3.3**	< 0.5
		06/07/2012	Primary	< 0.5	< 0.5	**12**	< 0.5	< 0.5	< 0.5 J	< 0.5	< 0.5	< 0.5	< 0.5	**1.8 J**	< 0.5
		12/11/2012	Primary	< 0.5	< 0.5	**14**	< 0.5	**0.59**	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2	< 0.5
		12/11/2012	Duplicate	< 0.5	< 0.5	**14**	< 0.5	**0.59**	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	**1.7**	< 0.5
		12/10/2013	Primary	< 0.5	< 0.2	**17**	< 0.3	**0.77**	< 0.5	< 0.2	< 0.3	< 0.2	< 0.5	< 1	< 0.3

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Well ID	Aquifer	Sample Date	Sample Type	PCE µg/L	TCE µg/L	cDCE µg/L	1,1-DCE µg/L	tDCE µg/L	VC µg/L	1,1-DCA µg/L	1,2-DCA µg/L	Benzene µg/L	1,2-DCP µg/L	1,4-Dioxane µg/L	1,2,3-TCP µg/L
MW-31A	Shallow Gaspur	12/17/2014	Primary	< 0.5	< 0.2	**9.8**	< 0.3	**0.42 J**	< 0.5	< 0.2	< 0.3	< 0.2	< 0.5	< 1	< 0.3
		12/08/2015	Primary	< 0.5	< 0.2	**14**	< 0.3	**0.57**	< 0.5	< 0.2	< 0.3	< 0.2	< 0.5	< 1	< 0.3
		12/08/2015	Duplicate	< 0.5	**0.28 J**	**13**	< 0.3	**0.55**	< 0.5	< 0.2	< 0.3	< 0.2	< 0.5	< 1	< 0.3
		11/29/2016	Primary	< 0.5	< 0.2	**6.6**	< 0.3	< 0.4	< 0.5	< 0.2	< 0.3	< 0.2	< 0.5	< 1	< 0.3
		06/07/2017	Primary	< 0.5	< 0.2	**4.4**	< 0.3	< 0.4	< 0.5	< 0.2	< 0.3	< 0.2	< 0.5	< 1	< 0.3
		12/05/2017	Primary	< 0.5	< 0.2	**2**	< 0.3	< 0.4	< 0.5	< 0.2	< 0.3	< 0.2	< 0.5	< 1	< 0.3
MW-31B	Lower Gaspur	03/01/2008	Primary	< 0.5	**250 D**	**13**	**1.7**	**4**	**0.34 J**	**2**	**4.9**	**0.2 J**	< 0.5	**9.7**	NA
		05/17/2009	Primary	< 0.5 J	**180 DJ**	**13 J**	**0.9 J**	**3.2 J**	< 0.5 J	**1.1 J**	**2.5 J**	< 0.5 J	< 0.5 J	< 2	NA
		06/16/2011	Primary	< 0.5	**63**	**29**	**0.53**	**3.3**	< 0.5	< 0.5	**1.4**	< 0.5	< 0.5	**3.6 J**	< 0.5
		12/07/2011	Primary	< 0.5	**41**	**28**	**0.55**	**3**	< 0.5	< 0.5	**0.99**	< 0.5	< 0.5	**2.5**	< 0.5
		06/12/2012	Primary	< 0.5	**7.6**	**63**	**0.5**	**1.4**	< 0.5	**0.71**	**3.1**	< 0.5	< 0.5	**2.2**	< 0.5
		12/13/2012	Primary	< 0.5	**14**	**52**	**0.54**	**3.8**	< 0.5	< 0.5	**1.5**	< 0.5	< 0.5	< 3.5	< 0.5
		12/10/2013	Primary	< 0.5	**5**	**87**	**1**	**9.5**	< 0.5	< 0.2	**2**	< 0.2	< 0.5	**4.8**	< 0.3
		12/17/2014	Primary	< 0.5	**2.5**	**71**	**0.72**	**9.5**	< 0.5	**0.56**	**1.8**	< 0.2	< 0.5	**5.8**	< 0.3
		12/08/2015	Primary	< 0.5	**3**	**64**	**0.86**	**9.4**	< 0.5	**0.68**	**2.2**	< 0.2	< 0.5	**4.6**	< 0.3
		11/29/2016	Primary	< 0.5	**2**	**53**	**1**	**7.1**	< 0.5	**0.79**	**2**	< 0.2	< 0.5	**6.2**	< 0.3
		06/07/2017	Primary	< 0.5	**1.6**	**47**	**0.84**	**3.4**	< 0.5	**0.67**	**2.9**	< 0.2	< 0.5	**8.5**	< 0.3
		06/07/2017	Duplicate	< 0.5	**1.7**	**49**	**0.97**	**3.4**	< 0.5	**0.62**	**2.9**	< 0.2	< 0.5	**8.3**	< 0.3
		12/05/2017	Primary	< 0.5	**1.5**	**43**	**0.5**	**2.6**	< 0.5	**0.58**	**3.4**	< 0.2	< 0.5	**6**	< 0.3
MW-32	Exposition	01/01/2004	Primary	< 0.5	**1.3**	**0.17 J**	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	NA	NA
		01/01/2004	Primary	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	NA	NA
		11/01/2004	Primary	< 0.5	**0.46 J**	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 1	NA
		08/01/2006	Primary	< 0.5	**0.24 J**	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.9	NA
		03/01/2008	Primary	< 0.5	**0.47 J**	< 0.5	< 0.5	< 0.5	**0.73**	< 0.5	**0.32 J**	< 0.5	< 0.5	< 2	NA
		05/15/2009	Primary	< 0.5	**0.33 J**	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2	NA
		12/05/2011	Primary	< 0.5	**1.1**	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.94	< 0.5
		06/07/2012	Primary	< 0.5	**0.83**	**1**	< 0.5	< 0.5	< 0.5 J	< 0.5	< 0.5	< 0.5	< 0.5	< 0.94	< 0.5
		12/11/2012	Primary	< 0.5	**0.9**	**1**	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.95	< 0.5
		06/11/2014	Primary	< 0.5	< 0.2	< 0.2	< 0.3	< 0.4	< 0.5	< 0.2	< 0.3	< 0.2	< 0.5	< 1	< 0.3
		07/13/2016	Primary	< 0.5	< 0.5	**0.67**	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
		07/13/2016	Duplicate	< 0.5	< 0.5	**0.63**	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
		08/08/2016	Primary	< 0.5	< 0.2	**1.2**	< 0.3	< 0.4	< 0.5	< 0.2	< 0.3	< 0.2	< 0.5	< 1	< 0.3
		11/29/2016	Primary	< 0.5	< 0.2	**1.3**	< 0.3	< 0.4	< 0.5	< 0.2	< 0.3	< 0.2	< 0.5	< 1	< 0.3
		06/09/2017	Primary	< 0.5	< 0.2	< 0.2	< 0.3	< 0.4	< 0.5	< 0.2	< 0.3	< 0.2	< 0.5	< 1	< 0.3
		12/08/2017	Primary	< 0.5	< 0.2	**0.52**	< 0.3	< 0.4	< 0.5	< 0.2	< 0.3	< 0.2	< 0.5	< 1	< 0.3
MW-33A	Shallow Gaspur	07/01/2005	Primary	< 0.5	**2.3**	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	**540**	NA
		07/01/2005	Primary	**5.6**	**940 D**	**190 D**	**29 E**	**12**	**4.6**	**50 D**	**8.1**	**2.5**	**4.9**	**630**	NA
		08/01/2005	Primary	**4.6**	**1200**	**190**	**27**	**15**	**7.2**	**49**	**7.3**	**2.2**	**3.9**	**470**	NA
		09/01/2005	Primary	**4.9**	**1200**	**210**	**33**	**11**	**5.5**	**52**	**6.1**	**2**	**3.3**	**500**	NA
		09/01/2005	Primary	**1.6**	**990**	**100**	**9.9**	**4.3**	**1.6**	**19**	**4.2**	**0.9**	**1.9**	**350**	NA

TABLE IX
ANALYTICAL RESULTS FOR CHEMICALS OF CONCERN IN GROUNDWATER SAMPLES
COOPER DRUM COMPANY SUPERFUND SITE
SOUTH GATE, CALIFORNIA

Well ID	Aquifer	Sample Date	Sample Type	PCE µg/L	TCE µg/L	cDCE µg/L	1,1-DCE µg/L	tDCE µg/L	VC µg/L	1,1-DCA µg/L	1,2-DCA µg/L	Benzene µg/L	1,2-DCP µg/L	1,4-Dioxane µg/L	1,2,3-TCP µg/L
MW-33A	Shallow Gaspur	10/01/2005	Primary	2.9	450	100	16	6	2.4	26	4.4	1.2	2.7	440	NA
		11/01/2005	Primary	4.4	680	140	20	7.8	3.2	42	5	1	3.4	300	NA
		01/01/2006	Primary	1.6	670	74	10	3.7	0.9	18	3.2	0.7	1.4	270	NA
		03/01/2006	Primary	< 2.5	280 D	33	4.2	< 2.5	< 2.5	10	< 2.5	< 2.5	< 2.5	170	NA
		04/01/2006	Primary	0.6	160	25	2.3	1.1	0.3	9.4	1.7	0.3	0.9	140	NA
		04/01/2006	Primary	1.1	260	29	5	1.9	0.7	12	1.9	0.3	1	120	NA
		05/01/2006	Primary	0.4	120	14	1.7	0.7	0.2	5.3	0.8	< 0.5	0.4	220	NA
		06/01/2006	Primary	1.6	180	62	3.5	2.1	0.6	22	2.3	0.3	2.4	99	NA
		08/01/2006	Primary	< 0.5	130 D	41 D	2.9	1.6	< 0.5	21	< 0.5	0.33 J	1.5	74	NA
		03/01/2008	Primary	2.2	490 D	140 D	17	6.3	2.4	28 D	3.5	1	2.4	450 D	NA
		05/12/2009	Primary	1.8 J	480 D	81 D	12 J	4 J	1.6 J	26 J	< 2.5	< 2.5	< 2.5	110 D	NA
		06/16/2011	Primary	< 1	140	130	7.9	3.6	1.4	23	2.1	< 1	1.7	300	< 1
		06/16/2011	Duplicate	< 1	140	130	7.8	3.5	1.4	23	2	< 1	< 1	280	< 1
		12/09/2011	Primary	< 1	130	160	7.3	4.3	2.1	28	3.2	< 1	2	170 J	< 1
		06/08/2012	Primary	0.75	130	170	10	4.9	2.5	34	3.2	0.54	< 0.5	280 J	1.2
		12/14/2012	Primary	< 0.5	53	190	9.2	4.5	3	35	2.9	< 0.5	1.7	170 J	0.86
		06/19/2013	Primary	< 0.5	46	270	16	9.2	6.7	54	4.2	0.65	2.1	180 J	0.92
		12/12/2013	Primary	< 0.5	78	150	11	4.7	3.4	33	2.4	0.46 J	< 0.5	160	< 0.3
		06/09/2014	Primary	< 0.5	32	200	11	6.7	4.9	29	2.4	0.49 J	< 0.5	180	< 0.3
		12/16/2014	Primary	< 0.5	56	140	10	5.6	3.3	37	2.3	0.4 J	< 0.5	150	< 0.3
		12/16/2014	Duplicate	< 0.5	66	130	11	5.4	3.2	34	2.1	0.38 J	< 0.5	160	< 0.3
		06/10/2015	Primary	< 0.5	63	89	9.2	4.9	3.3	36	3.9	0.41 J	1.3	180	< 0.3
		12/09/2015	Primary	< 0.5	97	120	14	7	4.6	46	3.9	0.6	1.8	260	< 0.3
		06/10/2016	Primary	< 0.5	96	150	19	7.9	3.4	49	3.8	< 0.2	< 0.5	260	< 0.3
		12/01/2016	Primary	< 0.5	130	190	19	10	4.2	59	4.3	1	< 0.5	230	< 0.3
		06/08/2017	Primary	< 0.5	110	200	12	7.7	2.3	45	3.2	0.85	2.5	260	< 0.3
		12/07/2017	Primary	< 1	180	220	16	10	2.1	60	4.6	0.78 J	< 1	140	< 0.6
MW-33B	Intermediate Gaspur	07/01/2005	Primary	< 0.5	39 D	41 D	1.1	0.5 JB	1.9 B	1.3	< 0.5	< 0.5	< 0.5	1.4	NA
		07/01/2005	Primary	< 0.5	26 D	30 D	< 0.5	2.5	< 0.5	1.9	< 0.5	0.15 J	< 0.5	2.1	NA
		08/01/2005	Primary	< 0.5	30	36	2.3	3.8	0.6	2.9	0.5	< 0.5	< 0.5	2.5	NA
		09/01/2005	Primary	< 0.5	38	42	2.4	3.3	0.6	2.4	< 0.5	< 0.5	< 0.5	2	NA
		09/01/2005	Primary	< 0.5	34	32	1.5	2.7	< 0.5	1.7	< 0.5	< 0.5	< 0.5	< 1	NA
		10/01/2005	Primary	< 0.5	35	28	1	2.1	0.2 J	1.2	0.3	< 0.5	< 0.5	0.6	NA
		11/01/2005	Primary	< 0.5	34	28	1.3	2.9	0.3	1.3	0.3	< 0.5	< 0.5	0.6 J	NA
		01/01/2006	Primary	< 0.5	41	28	1.5	3.1	0.3	1.4	0.4	< 0.5	< 0.5	0.7	NA
		03/01/2006	Primary	< 0.5	26 D	25 D	0.97	1.9	< 0.5	1.2	< 0.5	< 0.5	< 0.5	0.8	NA
		04/01/2006	Primary	< 0.5	30	26	0.9	1.9	0.3	1.2	< 0.5	0.3 J	< 0.5	0.8	NA
		05/01/2006	Primary	< 0.5	24	24	1	1.9	0.2 J	1.1	< 0.5	< 0.5	< 0.5	0.8	NA
		06/01/2006	Primary	< 0.5	25	28	0.9	2.1	0.2	1	0.2 J	< 0.5	< 0.5	1	NA
		08/01/2006	Primary	< 0.5	21	27 D	0.95	1.7	< 0.5	1.4	< 0.5	< 0.5	< 0.5	0.7 J	NA

TABLE IX
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COOPER DRUM COMPANY SUPERFUND SITE
SOUTH GATE, CALIFORNIA

Well ID	Aquifer	Sample Date	Sample Type	PCE µg/L	TCE µg/L	cDCE µg/L	1,1-DCE µg/L	tDCE µg/L	VC µg/L	1,1-DCA µg/L	1,2-DCA µg/L	Benzene µg/L	1,2-DCP µg/L	1,4-Dioxane µg/L	1,2,3-TCP µg/L
MW-33B	Intermediate Gaspur	03/01/2008	Primary	< 0.5	31 D	140 D	4.9	6.5	1.3	8.4	0.68	0.25 J	0.77	16	NA
		05/12/2009	Primary	< 2.5	28	160 D	7	5.4	1.8 J	12	< 2.5	< 2.5	< 2.5	< 2	NA
		07/14/2010	Primary	< 0.5	19	160	10	7.1	1.8	14	0.88	< 0.5	0.79	22 J	< 0.5
		06/16/2011	Primary	< 0.5	9.2	120	7.8	5.5	2.9	8.5	0.51	< 0.5	< 0.5	40	< 0.5
		12/08/2011	Primary	< 0.5	9.9	100	6	4.5	1.6	8.1	0.59	< 0.5	0.66	18	< 0.5
		06/08/2012	Primary	< 0.5	8	140	8.9	6.4	2	9.9	0.81	< 0.5	1.1	16 J	< 0.5
		12/14/2012	Primary	< 0.5	6.1	130	7.1	5.2	1.2	7.6	0.56	< 0.5	0.78	14 J	< 0.5
		06/20/2013	Primary	< 0.5	5.2	120	7.4	4.1	1.5	12	0.61	< 0.2	< 0.5	25	< 0.3
		12/12/2013	Primary	< 0.5	3	39	3.8	2	0.68	2.4	< 0.3	< 0.2	< 0.5	12	< 0.3
		06/09/2014	Primary	< 0.5	2.2	22	1.6	1.1	< 0.5	1.4	0.41 J	< 0.2	< 0.5	4.6	< 0.3
		12/16/2014	Primary	< 0.5	2.2	43	2.9	2	< 0.5	2.6	0.37 J	< 0.2	< 0.5	5	< 0.3
		06/10/2015	Primary	< 0.5	2.5	42	2.9	2.5	< 0.5	2.5	0.86	< 0.2	< 0.5	4	< 0.3
		12/09/2015	Primary	< 0.5	2.1	44	2.4	2	< 0.5	2.6	0.87	< 0.2	< 0.5	3.1	< 0.3
		06/10/2016	Primary	< 0.5	2.1 J	29	2.4	1.3	< 0.5	1.3	0.59	< 0.2	< 0.5	4.8	< 0.3
		06/10/2016	Duplicate	< 0.5	3.7 J	30	2.5	1.5	< 0.5	1.6	0.64	< 0.2	< 0.5	4.7	< 0.3
		12/01/2016	Primary	< 0.5	2.3	35	3.3	2.1	< 0.5	1.2	0.6	< 0.2	< 0.5	8.3	< 0.3
		06/09/2017	Primary	< 0.5	0.71	1.6	< 0.3	< 0.4	< 0.5	< 0.2	< 0.3	< 0.2	< 0.5	< 1	< 0.3
		12/07/2017	Primary	< 0.5	0.77	1.4	< 0.3	< 0.4	< 0.5	< 0.2	< 0.3	< 0.2	< 0.5	< 1	< 0.3
MW-34	Shallow Gaspur	03/01/2008	Primary	< 0.5	6.1	180 D	1.4	8.1	1.1	< 0.5	< 0.5	< 0.5	< 0.5	< 2	NA
		05/16/2009	Primary	< 0.5	46 E	420 E	1.8	24 E	0.71	0.5	< 0.5	< 0.5	< 0.5	< 2	NA
		12/09/2011	Primary	< 2.5	46	540	< 2.5	20	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	5.6	< 2.5
		12/09/2011	Duplicate	< 5	41	500	< 5	18	< 5	< 5	< 5	< 5	< 5	5.3	< 5
		06/12/2012	SPL	< 2	52	600 D	2.1	26	1.4 J	2.2	< 2	< 2	< 2	2.5	NA
		06/12/2012	Primary	< 2.5	56	620	< 2.5	25	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	5.3	< 2.5
		06/12/2012	Duplicate	< 5	64	730	< 5	28	< 5	< 5	< 5	< 5	< 5	5.2	< 5
		12/12/2012	Primary	< 5	63	610	< 5	26	< 5	< 5	< 5	< 5	< 5	4.8	< 5
		12/12/2012	Duplicate	< 5	64	630	< 5	28	< 5	< 5	< 5	< 5	< 5	5.3	< 5
		03/26/2014	Primary	< 2.5	45	470	< 2.5	25	< 2.5	1.6 J	< 2.5	< 2.5	< 2.5	1.3	< 2.5
		03/26/2014	Duplicate	< 2	38	450	< 2	20	< 2	1.3 J	< 2	< 2	< 2	1.5	< 2
		07/12/2016	Primary	< 0.5	4.5	170	0.94	9.9	0.81	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
		11/30/2016	Primary	< 1	22	390	1.6	17	< 1	0.82 J	< 0.6	< 0.4	< 1	1.6 J	< 0.6
		06/06/2017	Primary	< 0.5	14	290	1.4	18	1.1	0.48 J	< 0.3	< 0.2	< 0.5	< 1	< 0.3
		12/08/2017	Primary	< 2.5	49	470	2 J	24	< 2.5	< 1	< 1.5	< 1	< 2.5	1.5 J	< 1.5
		12/08/2017	Duplicate	< 2.5	48	500	1.9 J	27	< 2.5	< 1	< 1.5	< 1	< 2.5	1.4 J	< 1.5
MW-35	Lower Gaspur	03/01/2008	Primary	< 0.5	120 D	78 D	2	12	0.43 J	0.92	10	0.41 J	< 0.5	7.8	NA
		05/15/2009	Primary	< 0.5	120 D	19 D	1.1	8.1	< 0.5	0.44 J	9.2 J	0.31 J	< 0.5	< 2	NA
		12/07/2011	Primary	< 0.5	17	45	0.67	4.2	< 0.5	< 0.5	6.5	< 0.5	< 0.5	6.3	< 0.5
		06/08/2012	Primary	< 0.5	16	37	0.64	3.3	< 0.5	< 0.5	5.6	< 0.5	< 0.5	7.8	< 0.5
		12/12/2012	Primary	< 0.5	4.6	26	< 0.5	3.5	20	< 0.5	8.6	< 0.5	< 0.5	7.4	< 0.5
		03/26/2014	Primary	< 0.5	6.9	58	< 0.5	5.5	< 0.5	0.33 J	5.8	< 0.5	< 0.5	2.3	< 0.5

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Well ID	Aquifer	Sample Date	Sample Type	PCE µg/L	TCE µg/L	cDCE µg/L	1,1-DCE µg/L	tDCE µg/L	VC µg/L	1,1-DCA µg/L	1,2-DCA µg/L	Benzene µg/L	1,2-DCP µg/L	1,4-Dioxane µg/L	1,2,3-TCP µg/L
MW-35	Lower Gaspur	07/12/2016	Primary	< 0.5	3.5	330	4	15	< 0.5	3	6.8	0.7	< 0.5	19	< 0.5
		11/30/2016	Primary	< 2.5	1.9 J	420	4.4	15	< 2.5	3.2	5.2	< 1	< 2.5	23	< 1.5
		06/06/2017	Primary	< 0.5	< 0.2	0.61	< 0.3	< 0.4	< 0.5	< 0.2	< 0.3	< 0.2	< 0.5	< 1	< 0.3
		12/06/2017	Primary	< 0.5	< 0.2	0.52	< 0.3	< 0.4	< 0.5	< 0.2	< 0.3	< 0.2	< 0.5	< 1	< 0.3
MW-36	Intermediate Gaspur	03/01/2008	Primary	< 0.5	7.6	4.9	< 0.5	0.61	< 0.5	0.24 J	1.6	< 0.5	< 0.5	0.82 J	NA
		05/15/2009	Primary	< 0.5	7	6.7	< 0.5	1.4	< 0.5	< 0.5 J	2.4	< 0.5	< 0.5	2.2	NA
		06/15/2011	Primary	< 0.5	7.8	12	< 0.5	2.4	< 0.5	< 0.5	3	0.61	< 0.5	< 4	< 0.5
		06/15/2011	Duplicate	< 0.5	8.1	13	< 0.5	2.5	< 0.5	< 0.5	3.2	0.61	< 0.5	< 4	< 0.5
		12/08/2011	Primary	< 0.5	9.8	13	< 0.5	2.7	< 0.5	< 0.5	2.9	< 0.5	< 0.5	< 0.96	< 0.5
		06/08/2012	Primary	< 0.5	9.9	13	< 0.5	3.4	< 0.5	< 0.5	2.3	< 0.5	< 0.5	< 0.94	< 0.5
		12/11/2012	Primary	< 0.5	4.4	5.3	< 0.5	0.75	< 0.5	< 0.5	2.7	< 0.5	< 0.5	0.98	< 0.5
		06/20/2013	Primary	< 0.5	8.2	11	< 0.3	4.4	< 0.5	< 0.2	1.8	< 0.2	< 0.5	< 1	< 0.3
		12/10/2013	Primary	< 0.5	8.2	11	< 0.3	3.2	< 0.5	< 0.2	1.4	< 0.2	< 0.5	< 1	< 0.3
		06/10/2014	Primary	< 0.5	5.9	8.8	< 0.3	2.7	< 0.5	< 0.2	0.97	< 0.2	< 0.5	< 1	< 0.3
		12/18/2014	Primary	< 0.5	5.2	11	< 0.3	2.9	< 0.5	< 0.2	1.1	< 0.2	< 0.5	< 1	< 0.3
		06/08/2015	Primary	< 0.5	5.6	9	< 0.3	2.6	< 0.5	< 0.2	1.6	< 0.2	< 0.5	< 1	< 0.3
		12/10/2015	Primary	< 0.5	3.6	9.1	< 0.3	2.6	< 0.5	< 0.2	0.88	< 0.2	< 0.5	< 1	< 0.3
		06/07/2016	Primary	< 0.5	3.7	7.3	< 0.3	2.1	< 0.5	< 0.2	0.85	< 0.2	< 0.5	< 1	< 0.3
		11/29/2016	Primary	< 0.5	1.7	9	< 0.3	2.1	< 0.5	< 0.2	0.94	< 0.2	< 0.5	< 1	< 0.3
		06/08/2017	Primary	< 0.5	0.53	2.8	< 0.3	< 0.4	< 0.5	< 0.2	0.38 J	< 0.2	< 0.5	< 1	< 0.3
		12/05/2017	Primary	< 0.5	0.58	2.8	< 0.3	< 0.4	< 0.5	< 0.2	< 0.3	< 0.2	< 0.5	1 J	< 0.3
MW-37	Lower Gaspur	03/01/2008	Primary	< 0.5	66 DJ	32 D	1.1	2.8	0.98	3	2.9	0.3 J	< 0.5	5.8	NA
		05/15/2009	Primary	< 0.5 J	92 DJ	39 DJ	0.75 J	2.5 J	< 0.5 J	1.3 J	2 J	< 0.5 J	< 0.5 J	< 2	NA
		06/15/2011	Primary	< 0.5	1.9	150	1.4	7.2	< 0.5	1.6	5.5	< 0.5	< 0.5	13	< 0.5
		12/08/2011	Primary	< 0.5	1.2	94	0.74	4.2	< 0.5	1	4.9	< 0.5	< 0.5	9.5	< 0.5
		06/12/2012	Primary	< 0.5	4.1	58	0.51	3.6	< 0.5	0.85	7	2	< 0.5	2.5	< 0.5
		12/13/2012	Primary	< 0.5	5.8	53	0.52	3.9	0.5	0.63	7.4	3.1	< 0.5	< 2	< 0.5
		06/20/2013	Primary	< 0.5	1.8	110	1.3	6.2	< 0.5	1.1	3.6	0.56	< 0.5	12	< 0.3
		12/10/2013	Primary	< 0.5	2.4	100	0.9	5.7	0.51	0.81	4.9	2.1	< 0.5	9.1	< 0.3
		06/10/2014	Primary	< 0.5	2.8	160	1.5	8.2	< 0.5	1	4.4	1.4	< 0.5	12	< 0.3
		12/18/2014	Primary	< 0.5	2.6	84	0.85	5.9	0.73	0.7	2.6	1.5	< 0.5	10	< 0.3
		12/18/2014	Duplicate	< 0.5	2.6	83	0.83	5.7	0.7	0.65	2.8	1.5	< 0.5	10	< 0.3
		06/08/2015	Primary	< 0.5	3	81	0.81	9.5	2.3	0.77	5.3	5.7	< 0.5	7.8	< 0.3
		12/10/2015	Primary	< 0.5	4.4	130	1.4	10	0.79	1.5	3.2	1	< 0.5	11	< 0.3
		12/10/2015	Duplicate	< 0.5	4.9	130	1.5	11	0.68	1.4	3.4	1.2	< 0.5	11	< 0.3
		06/08/2016	Primary	< 0.5	4.5	140	2.4	12	0.78	1.7	4.3	1.2	< 0.5	12	< 0.3
		11/29/2016	Primary	< 0.5	2.5	100	1.2	13	1.2	0.97	4	6.4	< 0.5	10	< 0.3
		06/08/2017	Primary	< 0.5	3.3	140	1.6	10	< 0.5	1.6	2.3	0.99	< 0.5	15	< 0.3
		12/06/2017	Primary	< 1	< 0.4	62	< 0.6	9.5	2.7	< 0.4	2.7	6.2	< 1	< 1	< 0.6

TABLE IX
ANALYTICAL RESULTS FOR CHEMICALS OF CONCERN IN GROUNDWATER SAMPLES
COOPER DRUM COMPANY SUPERFUND SITE
SOUTH GATE, CALIFORNIA

Well ID	Aquifer	Sample Date	Sample Type	PCE µg/L	TCE µg/L	cDCE µg/L	1,1-DCE µg/L	tDCE µg/L	VC µg/L	1,1-DCA µg/L	1,2-DCA µg/L	Benzene µg/L	1,2-DCP µg/L	1,4-Dioxane µg/L	1,2,3-TCP µg/L
MW-38	Shallow Gaspur	03/01/2008	Primary	< 0.5	**1.1**	**1.2**	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2	NA
		05/16/2009	Primary	< 0.5	**0.94**	**1.5**	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2	NA
		06/14/2011	Primary	< 0.5	**0.67**	**1.2**	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 3.7	< 0.5
		12/06/2011	Primary	< 0.5	**0.68**	**1.1**	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.94	< 0.5
		06/08/2012	Primary	< 0.5	**0.61**	**1.1**	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.94	< 0.5
		12/13/2012	Primary	< 0.5	< 0.5	**0.59**	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 25 J	< 0.5
		12/10/2013	Primary	< 0.5	< 0.2	< 0.2	< 0.3	< 0.4	< 0.5	< 0.2	< 0.3	< 0.2	< 0.5	< 1	< 0.3
		12/16/2014	Primary	< 0.5	< 0.2	**0.25 J**	< 0.3	< 0.4	< 0.5	< 0.2	< 0.3	< 0.2	< 0.5	< 1	< 0.3
		12/08/2015	Primary	< 0.5	< 0.2	< 0.2	< 0.3	< 0.4	< 0.5	< 0.2	< 0.3	< 0.2	< 0.5	< 1	< 0.3
		08/08/2016	Primary	< 0.5	< 0.2	**0.38 J**	< 0.3	< 0.4	< 0.5	< 0.2	< 0.3	< 0.2	< 0.5	< 1	< 0.3
		11/28/2016	Primary	< 0.5	< 0.2	< 0.2	< 0.3	< 0.4	< 0.5	< 0.2	< 0.3	< 0.2	< 0.5	< 1	< 0.3
		06/09/2017	Primary	< 0.5	< 0.2	< 0.2	< 0.3	< 0.4	< 0.5	< 0.2	< 0.3	< 0.2	< 0.5	< 1	< 0.3
		12/05/2017	Primary	< 0.5	< 0.2	< 0.2	< 0.3	< 0.4	< 0.5	< 0.2	< 0.3	< 0.2	< 0.5	< 1	< 0.3
MW-39	Intermediate Gaspur	03/01/2008	Primary	< 0.5	**16**	**6.6**	**0.23 J**	**1.1**	< 0.5	< 0.5	**1.3**	< 0.5	< 0.5	**2.6**	NA
		05/16/2009	Primary	< 0.5	**17**	**7.2**	**0.44 J**	**0.99**	< 0.5	< 0.5	**1.1**	< 0.5	< 0.5	**1.9 J**	NA
		06/15/2011	Primary	< 0.5	**57**	**28**	**1.5**	**2.4**	< 0.5	**1.3**	**0.79**	< 0.5	< 0.5	**36**	**4.3**
		12/08/2011	Primary	< 0.5	**25**	**68**	**1.5**	**2.7**	< 0.5	**2.3**	**0.86**	< 0.5	< 0.5	**76**	**6.2**
		06/12/2012	SPL	< 0.5	**8**	**40 D**	**1**	**1.4**	**0.29 J**	**2**	< 0.5	< 0.5	**0.15 J**	**23**	NA
		06/12/2012	Primary	< 0.5	**9.6**	**47**	**1.1**	**1.2**	< 0.5	**2.5**	< 0.5	< 0.5	< 0.5	**47**	**1.5**
		12/11/2012	Primary	< 0.5	**3.8**	**29**	**0.66**	**0.89**	< 0.5	**1.3**	< 0.5	< 0.5	< 0.5	**19**	**0.61**
		12/10/2013	Primary	< 0.5	**14**	**68**	**2.4**	**3.7**	< 0.5	**6.5**	< 0.3	< 0.2	< 0.5	**47**	< 0.3
		12/16/2014	Primary	< 0.5	**7.4**	**54**	**1.9**	**2.8**	< 0.5	**4.7**	**0.42 J**	< 0.2	< 0.5	**35**	< 0.3
		12/07/2015	Primary	< 0.5	**10**	**76**	**3.1**	**3.7**	**0.77**	**6.4**	**0.74**	< 0.2	< 0.5	**47**	< 0.3
		08/08/2016	Primary	< 0.5	**4.8**	**42**	**1.8**	**2.3**	< 0.5	**1.7**	< 0.3	< 0.2	< 0.5	**23**	**0.75**
		11/28/2016	Primary	< 0.5	**5.4**	**85**	**3.3**	**5.2**	< 0.5	**3**	**0.44 J**	< 0.2	< 0.5	**48**	**1.8**
		06/09/2017	Primary	< 0.5	**0.82**	**6.6**	< 0.3	< 0.4	< 0.5	**0.32 J**	< 0.3	< 0.2	< 0.5	**10**	< 0.3
		06/09/2017	Duplicate	< 0.5	**0.87**	**7.1**	< 0.3	< 0.4	< 0.5	**0.34 J**	< 0.3	< 0.2	< 0.5	**10**	< 0.3
		12/05/2017	Primary	< 0.5	**0.72**	**11**	< 0.3	**0.56**	< 0.5	**0.59**	< 0.3	< 0.2	< 0.5	**8.2**	< 0.3
MW-40	Lower Gaspur	03/01/2008	Primary	< 0.5	**44 D**	**9.8**	**0.89**	**3.5**	**0.27 J**	**0.56**	**3.6**	< 0.5	< 0.5	**5.1**	NA
		05/16/2009	Primary	< 0.5	**54 DJ**	**9.9**	**0.76**	**2.6**	< 0.5	**0.56 J**	**2.8 J**	< 0.5	< 0.5	**2.1**	NA
		06/15/2011	Primary	< 0.5	**22**	**65**	**0.93**	**4.5**	< 0.5	**1.1**	**2.3**	< 0.5	< 0.5	**9.9**	**0.71**
		12/07/2011	Primary	< 0.5	**4.6**	**82**	**0.95**	**5.9**	< 0.5	**1.1**	**2.1**	< 0.5	< 0.5	**12**	**1.1**
		06/08/2012	Primary	< 0.5	**1.2**	**60**	**0.64**	**4**	< 0.5	**0.83**	**1.7**	< 0.5	< 0.5	**10**	**0.51**
		12/12/2012	Primary	< 0.5	**3.2**	**58**	**1**	**5.7**	< 0.5	**1.4**	**1.6**	< 0.5	< 0.5	**12 J**	**1.4**
		12/10/2013	Primary	< 0.5	**4**	**57**	**1.3**	**6.7**	< 0.5	**1.8**	**1.5**	< 0.2	< 0.5	**19**	< 0.3
		12/16/2014	Primary	< 0.5	**2.9**	**41**	**1.5**	**6.5**	< 0.5	**3.1**	**0.9**	< 0.2	< 0.5	**29**	< 0.3
		12/07/2015	Primary	< 0.5	**3.3**	**49**	**1.7**	**6.9**	**0.6**	**3.1**	**1.2**	< 0.2	< 0.5	**19**	< 0.3
		08/08/2016	Primary	< 0.5	**2**	**45**	**2.1**	**7**	**0.66**	**2.9**	**0.9**	< 0.2	< 0.5	**23**	< 0.3

TABLE IX
ANALYTICAL RESULTS FOR CHEMICALS OF CONCERN IN GROUNDWATER SAMPLES
COOPER DRUM COMPANY SUPERFUND SITE
SOUTH GATE, CALIFORNIA

Well ID	Aquifer	Sample Date	Sample Type	PCE µg/L	TCE µg/L	cDCE µg/L	1,1-DCE µg/L	tDCE µg/L	VC µg/L	1,1-DCA µg/L	1,2-DCA µg/L	Benzene µg/L	1,2-DCP µg/L	1,4-Dioxane µg/L	1,2,3-TCP µg/L
MW-40	Lower Gaspur	11/28/2016	Primary	< 0.5	2.3	43	1.6	7.5	< 0.5	2.1	0.96	< 0.2	< 0.5	20	< 0.3
		06/09/2017	Primary	< 0.5	0.95	46	1.6	6.6	0.5	2.8	0.73	< 0.2	< 0.5	26	< 0.3
		12/05/2017	Primary	< 0.5	0.46 J	60	2.1	7.2	< 0.5	3.7	0.91	< 0.2	< 0.5	23	< 0.3
MW-41	Lower Gaspur	03/01/2008	Primary	< 0.5	34 D	2.4	0.22 J	0.47 J	< 0.5	< 0.5	0.55	< 0.5	< 0.5	< 2	NA
		05/14/2009	Primary	< 2	310 DJ	5.5	< 2	1.3 J	< 2	1.1 J	< 2	< 2	< 2	< 2	NA
		06/16/2011	Primary	< 0.5	8.4	28	< 0.5	1.2	< 0.5	1.8	1.8	< 0.5	< 0.5	14	< 0.5
		12/07/2011	Primary	< 0.5	8.1	53	0.99	2.6	5.6	6.8	2.8	< 0.5	< 0.5	23 J	< 0.5
		06/13/2012	Primary	< 0.5	28	72	< 0.5	2.2	< 0.5	0.58	0.69	< 0.5	< 0.5	9.2	< 0.5
		12/11/2012	Primary	< 0.5	6.8	45	0.85	2.2	5.8	6	3.1	< 0.5	< 0.5	26 J	< 0.5
		06/21/2013	Primary	< 0.5	9.3	23	0.47 J	1.3	0.79	1.6	0.95	< 0.2	< 0.5	10	< 0.3
		12/12/2013	Primary	< 0.5	14	46	0.64	2.5	0.56	1	< 0.3	< 0.2	< 0.5	7	< 0.3
		06/11/2014	Primary	< 0.5	7.9	25	0.39 J	1.4	< 0.5	0.57	0.65	< 0.2	< 0.5	5.1	< 0.3
		06/11/2014	Duplicate	< 0.5	7.7	23	< 0.3	1.1	< 0.5	0.25 J	0.58	< 0.2	< 0.5	5.3	< 0.3
		12/15/2014	Primary	< 0.5	3	13	< 0.3	0.82	< 0.5	0.35 J	0.49 J	< 0.2	< 0.5	2.5	< 0.3
		06/08/2015	Primary	< 0.5	4.3	17	0.34 J	1.1	< 0.5	0.41 J	0.58	< 0.2	< 0.5	1.7 J	< 0.3
		12/08/2015	Primary	< 0.5	4.6	20	0.38 J	0.85	< 0.5	0.56	0.72	< 0.2	< 0.5	1.8 J	< 0.3
		06/07/2016	Primary	< 0.5	3.4	17	0.51	0.79	< 0.5	0.84	0.63	< 0.2	< 0.5	3.7	< 0.3
		12/01/2016	Primary	< 0.5	2.8	9.5	0.39 J	0.64	< 0.5	0.67	0.6	< 0.2	< 0.5	2.4	< 0.3
		06/07/2017	Primary	< 0.5	1.3	16	0.31 J	0.65	< 0.5	2.6	0.8	< 0.2	< 0.5	30	< 0.3
		12/05/2017	Primary	< 0.5	1.3	15	< 0.3	0.43 J	< 0.5	2.8	0.96	< 0.2	< 0.5	22	< 0.3
MW-42	Shallow Gaspur	05/14/2009	Primary	< 0.5 J	30 EJ	410 EJ	1.5 J	14 J	0.96 J	3.4 J	< 0.5 J	< 0.5 J	< 0.5 J	1.9 J	NA
		03/26/2014	Primary	< 10	390	4000	< 10	75	< 10	25	< 10	< 10	< 10	24	< 10
		07/12/2016	Primary	< 2.5	32	1100 J	3.7 J	40 J	< 2.5	18	< 2.5	< 2.5	< 2.5	47	< 2.5
MW-43	Intermediate Gaspur	05/15/2009	Primary	< 0.5 J	38 DJ	11 DJ	0.89 J	1.2 J	< 0.5 J	< 0.5 J	11 J	< 0.5 J	< 0.5 J	< 2	NA
		03/26/2014	Primary	< 0.5	8.6	25	< 0.5	1.4	< 0.5	0.22 J	7.6	< 0.5	< 0.5	2.8	< 0.5
		07/12/2016	Primary	< 0.5	5.4	42	3.4	3	1	1	44	< 0.5	< 0.5	4	< 0.5
MW-44	Lower Gaspur	05/15/2009	Primary	< 0.5 J	31 DJ	38 DJ	0.61 J	3.8 J	< 0.5 J	0.32 J	3 J	< 0.5 J	< 0.5 J	< 2	NA
		12/07/2011	Primary	< 0.5	16	43	< 0.5	5.2	< 0.5	< 0.5	3.7	< 0.5	< 0.5	4.8	< 0.5
		03/26/2014	Primary	< 0.5	2.9	21	< 0.5	1.5	< 0.5	0.2 J	4	< 0.5	< 0.5	2.8	< 0.5
		07/12/2016	Primary	< 0.5	< 0.5	0.37 J	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	8.2	< 0.5
MW-45	Intermediate Gaspur	05/15/2009	Primary	< 0.5	2.1	19	< 0.5	1.3	< 0.5	< 0.5	1	< 0.5	< 0.5	< 2	NA
		03/25/2014	Primary	< 0.5	2.2	39	< 0.5	3.7	< 0.5	0.21	0.84	< 0.5	< 0.5	2.1	< 0.5
		07/14/2016	Primary	< 0.5	1.6	76	0.99	5.8	< 0.5	0.45 J	5.4	0.43 J	< 0.5	3.5	< 0.5
MW-46	Shallow Gaspur	05/15/2009	Primary	< 0.5 J	56 DJ	95 DJ	0.38 J	5.4 J	< 0.5 J	< 0.5 J	< 0.5 J	< 0.5 J	< 0.5 J	< 2	NA
		03/24/2014	Primary	< 0.5	8.6 J	47 J	< 0.5	3.7 J	< 0.5	0.097 J	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
		07/19/2016	Primary	< 1	57	460	2.2	37	< 1	7.5	< 1	< 1	< 1	3.5	< 1
MW-47	Intermediate Gaspur	05/15/2009	Primary	< 2.5 J	99 J	470 DJ	< 2.5 J	14 J	< 2.5 J	< 2.5 J	< 2.5 J	< 2.5 J	< 2.5 J	< 2	NA
		03/24/2014	Primary	< 4	14	700	< 4	47	< 4	1.3 J	< 4	< 4	< 4	1.8	< 4
		07/19/2016	Primary	< 5	5.4	490	< 5	30	< 5	6.1	< 5	< 5	< 5	6.2	< 5

TABLE IX
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SOUTH GATE, CALIFORNIA

Well ID	Aquifer	Sample Date	Sample Type	PCE µg/L	TCE µg/L	cDCE µg/L	1,1-DCE µg/L	tDCE µg/L	VC µg/L	1,1-DCA µg/L	1,2-DCA µg/L	Benzene µg/L	1,2-DCP µg/L	1,4-Dioxane µg/L	1,2,3-TCP µg/L
MW-48	Lower Gaspur	05/15/2009	Primary	< 0.5 J	**25 DJ**	**52 DJ**	**0.3 J**	**3.8 J**	< 0.5 J	< 0.5 J	**1.2 J**	< 0.5 J	< 0.5 J	< 2	NA
		03/24/2014	Primary	< 0.5	**29**	**82**	**2.1**	**5.5**	< 0.5	**1.6**	**6.9**	< 0.5	**0.12**	**8.7**	< 0.5
		07/19/2016	Primary	< 0.5	**1.3**	**100**	**1.9**	**6.3**	**1.1**	**1.3**	**15**	< 0.5	< 0.5	**13**	< 0.5
MW-49	Shallow Gaspur	05/15/2009	Primary	< 0.5	**29 D**	**99 D**	< 0.5	**4.2**	< 0.5	< 0.5 J	< 0.5 J	< 0.5	< 0.5	< 2	NA
		03/26/2014	Primary	< 0.5	**2.9**	**41**	< 0.5	**3.4**	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
		07/15/2016	Primary	< 0.5	**1.6**	**49**	< 0.5	**6.3**	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
		07/15/2016	Duplicate	< 0.5	**1.6**	**55**	< 0.5	**5.9**	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
MW-50	Intermediate Gaspur	05/15/2009	Primary	< 5	**480 D**	**970 D**	< 5	**20**	< 5	< 5	< 5	< 5	< 5	**2.1**	NA
		06/16/2011	Primary	< 5	**7.3**	**540**	< 5	**28**	< 5	< 5	< 5	< 5	< 5	**2.1 J**	< 5
		12/08/2011	Primary	< 2.5	**3.4**	**590**	< 2.5	**34**	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	**1.5**	< 2.5
		12/12/2012	Primary	< 0.5	**2.1**	**500**	**1.4**	**30**	**5.2**	< 0.5	< 0.5	< 0.5	< 0.5	**1.8**	< 0.5
		12/10/2013	Primary	< 0.5	**2.7**	**590**	**1.7**	**33**	**2.2**	< 0.2	< 0.3	< 0.2	< 0.5	< 1	< 0.3
		12/16/2014	Primary	< 2.5	< 1	**390**	< 1.5	**27**	**3.8**	< 1	< 1.5	< 1	< 2.5	**1.5 J**	< 1.5
		12/10/2015	Primary	< 2.5	< 1	**370**	< 1.5	**27**	**3.3**	< 1	**2.1 J**	< 1	< 2.5	**1.4 J**	< 1.5
		11/29/2016	Primary	< 2.5	**1.6 J**	**460**	**2.4 J**	**32**	**5.4**	< 1	< 1.5	< 1	< 2.5	**2.4**	< 1.5
		12/05/2017	Primary	< 2.5	**3.4**	**480**	**1.8 J**	**28**	**6.9**	< 1	< 1.5	< 1	< 2.5	**3.2**	< 1.5
MW-51	Lower Gaspur	05/15/2009	Primary	< 0.5	**5.7**	**27 D**	< 0.5	**1.8**	< 0.5	< 0.5	**1.3**	< 0.5	< 0.5	< 2	NA
		06/15/2011	Primary	< 0.5	**12**	**25**	< 0.5	**2.6**	< 0.5	< 0.5	**2.1**	< 0.5	< 0.5	**5.1**	< 0.5
		12/08/2011	Primary	< 0.5	**13**	**30**	< 0.5	**3**	< 0.5	< 0.5	**2.4**	< 0.5	< 0.5	**3.7**	< 0.5
		12/12/2012	Primary	< 0.5	**7.9**	**73**	**0.77**	**6**	< 0.5	< 0.5	**5.4**	< 0.5	< 0.5	**6.4**	< 0.5
		12/10/2013	Primary	< 0.5	**13**	**82**	**1**	**7.8**	< 0.5	< 0.2	**5.8**	**0.6**	< 0.5	**10**	< 0.3
		12/16/2014	Primary	< 0.5	**6.6**	**58**	**1.2**	**5.3**	**0.58**	**0.7**	**9.2**	**0.81**	< 0.5	**16**	< 0.3
		12/10/2015	Primary	< 0.5	**3.8**	**89**	**1.8**	**7.8**	**2.3**	**1.2**	**14**	**0.81**	< 0.5	**13**	< 0.3
		11/29/2016	Primary	< 0.5	**2.1**	**130**	**2.7**	**11**	**1.3**	**1.2**	**21**	**1.1**	< 0.5	**19**	< 0.3
		12/05/2017	Primary	< 0.5	**1.7**	**190**	**2.1**	**10**	**1.5**	**1.2**	**23**	**1**	< 0.5	**12**	< 0.3
MW-52	Shallow Gaspur	05/15/2009	Primary	< 0.5	**8.2**	**6.5**	< 0.5	**0.78**	< 0.5	< 0.5	**2.2**	< 0.5	< 0.5	< 2	NA
		03/25/2014	Primary	< 0.5	**6.1**	**18**	< 0.5	**5**	< 0.5	< 0.5	< 0.5	**2.4**	< 0.5	< 0.5	< 0.5
		03/25/2014	Duplicate	< 0.5	**5.6**	**16**	< 0.5	**4.2**	< 0.5	< 0.5	< 0.5	**2.1**	< 0.5	< 0.5	< 0.5
		07/19/2016	Primary	< 0.5	**5.6**	**15**	< 0.5	**6.2**	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
MW-53	Lower Gaspur	05/15/2009	Primary	< 0.5	**19 J**	**19**	**0.48 J**	**1.2**	< 0.5	**1.2**	**1.8**	< 0.5	< 0.5	**2.6**	NA
		06/15/2011	Primary	< 0.5	**12**	**17**	< 0.5	**2**	**0.7**	**1**	**1.9**	< 0.5	< 0.5	**8.3**	< 0.5
		12/13/2011	Primary	< 0.5	**17**	**23**	**0.94**	**2.1**	< 0.5	**3.1**	**2**	< 0.5	< 0.5	**18 J**	< 0.5
		12/13/2012	Primary	< 0.5	**8.5**	**13**	< 0.5	**1.8**	< 0.5	< 0.5	**1.8**	< 0.5	< 0.5	< 9.3	< 0.5
		12/10/2013	Primary	< 0.5	**11**	**36**	**1.4**	**3.3**	< 0.5	**4.2**	**2.1**	< 0.2	< 0.5	**18**	< 0.3
		12/15/2014	Primary	< 0.5	**3.5**	**22**	**0.6**	**2**	< 0.5	**1.3**	**1**	< 0.2	< 0.5	**11**	< 0.3
		12/10/2015	Primary	< 0.5	**4.9**	**49**	**1.3**	**5.4**	**0.87**	**3**	**2.4**	< 0.2	< 0.5	**11**	< 0.3
		11/29/2016	Primary	< 0.5	**3.7**	**38**	**0.85**	**4.8**	**0.56**	**1.3**	**1.4**	< 0.2	< 0.5	**9.1**	< 0.3
		11/29/2016	Duplicate	< 0.5	**3.5**	**36**	**0.83**	**4.9**	**0.53**	**1.1**	**1.4**	< 0.2	< 0.5	**9.2**	< 0.3
		12/07/2017	Primary	< 0.5	**3.5**	**29**	**0.44 J**	**3.9**	< 0.5	**0.58**	**0.83**	< 0.2	< 0.5	**3.1**	< 0.3

TABLE IX
ANALYTICAL RESULTS FOR CHEMICALS OF CONCERN IN GROUNDWATER SAMPLES
COOPER DRUM COMPANY SUPERFUND SITE
SOUTH GATE, CALIFORNIA

Well ID	Aquifer	Sample Date	Sample Type	PCE µg/L	TCE µg/L	cDCE µg/L	1,1-DCE µg/L	tDCE µg/L	VC µg/L	1,1-DCA µg/L	1,2-DCA µg/L	Benzene µg/L	1,2-DCP µg/L	1,4-Dioxane µg/L	1,2,3-TCP µg/L
MW-54	Lower Gaspur	05/15/2009	Primary	< 0.5	**15 D**	**10**	**0.57**	**3.5**	< 0.5	**0.45 J**	**4**	< 0.5	< 0.5	< 2	NA
		06/15/2011	Primary	< 0.5	**24**	**15**	**0.52**	**4.4**	< 0.5	**1.1**	**2.9**	< 0.5	< 0.5	**10**	< 0.5
		12/13/2011	Primary	< 0.5	**62**	**19**	**1**	**5.5**	< 0.5	**1.6**	**3.6**	< 0.5	< 0.5	**13**	< 0.5
		12/13/2012	Primary	< 0.5	**6.1**	**9.4**	< 0.5	**1.3**	**0.51**	**0.55**	**2.8**	< 0.5	< 0.5	< 1.8	< 0.5
		12/10/2013	Primary	< 0.5	**3.8**	**58**	**1.5**	**8.2**	< 0.5	**2**	**1.8**	< 0.2	< 0.5	**10**	< 0.3
		12/15/2014	Primary	< 0.5	**3**	**44**	**1.3**	**6**	< 0.5	**2**	**1.1**	< 0.2	< 0.5	**16**	< 0.3
		12/10/2015	Primary	< 0.5	**3.2**	**46**	**1.9**	**9.8**	**1.1**	**3.4**	**1.6**	< 0.2	< 0.5	**15**	< 0.3
		12/01/2016	Primary	< 0.5	**2.3**	**57**	**1.9**	**9**	**1.1**	**2.9**	**1.5**	< 0.2	< 0.5	**18**	< 0.3
		12/07/2017	Primary	< 0.5	**1.8**	**63**	**1.3**	**7.2**	**0.96**	**3.1**	**1.3**	< 0.2	< 0.5	**13**	< 0.3
MW-55	Exposition	05/15/2009	Primary	< 0.5	**2.5**	**1.2**	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2	NA
		06/14/2011	Primary	< 0.5	**8.4**	**13**	< 0.5	**1**	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 3.7	< 0.5
		12/06/2011	Primary	< 0.5	**5.8**	**24**	< 0.5	**1.5**	< 0.5	< 0.5	**0.71**	< 0.5	< 0.5	**1.9**	< 0.5
		06/08/2012	Primary	< 0.5	**5.8**	**23**	< 0.5	**1.6**	< 0.5	< 0.5	**0.88**	< 0.5	< 0.5	**1.9**	< 0.5
		11/26/2012	Primary	< 0.5	**1**	**24**	< 0.5	**1.7**	< 0.5	< 0.5	**0.99**	< 0.5	< 0.5	**3.1**	< 0.5
		11/26/2012	Primary	< 0.5	**1.4**	**25**	< 0.5	**1.7**	< 0.5	< 0.5	**1.1**	< 0.5	< 0.5	**2.9**	< 0.5
		11/26/2012	Primary	< 0.5	**1.6**	**27**	< 0.5	**1.9**	< 0.5	< 0.5	**1.1**	< 0.5	< 0.5	**2.7**	< 0.5
		11/26/2012	Primary	< 0.5	**1.5**	**26**	< 0.5	**1.8**	< 0.5	< 0.5	**1.1**	< 0.5	< 0.5	**2.9**	< 0.5
		12/11/2012	Primary	< 0.5	**2**	**21**	< 0.5	**1.1**	< 0.5	< 0.5	**1.1**	< 0.5	< 0.5	**2.4**	< 0.5
		06/20/2013	Primary	< 0.5	< 0.2	**6.2**	< 0.3	< 0.4	< 0.5	< 0.2	< 0.3	< 0.2	< 0.5	**2.4**	< 0.3
		06/20/2013	Duplicate	< 0.5	< 0.2	**5.7**	< 0.3	< 0.4	< 0.5	< 0.2	< 0.3	< 0.2	< 0.5	**1.5 J**	< 0.3
		12/09/2013	Primary	< 0.5	**1.6**	**52**	**0.58**	**4.4**	< 0.5	< 0.2	**1.5**	< 0.2	< 0.5	**4**	< 0.3
		12/09/2013	Duplicate	< 0.5	**1.6**	**39**	**0.52**	**3.2**	< 0.5	< 0.2	**1.3**	< 0.2	< 0.5	**3.6**	< 0.3
		06/10/2014	Primary	< 0.5	**1.6**	**31**	< 0.3	**2.8**	< 0.5	< 0.2	**1.2**	< 0.2	< 0.5	**4.8**	< 0.3
		06/10/2014	Duplicate	< 0.5	**1.6**	**29**	< 0.3	**2.5**	< 0.5	< 0.2	**1.2**	< 0.2	< 0.5	**4.9**	< 0.3
		12/18/2014	Primary	< 0.5	**2.2**	**32**	**0.34 J**	**3.2**	< 0.5	< 0.2	**1.1**	**0.21 J**	< 0.5	**4.6**	< 0.3
		06/08/2015	Primary	< 0.5	**2**	**30**	**0.41 J**	**3.7**	**0.86**	**0.32 J**	**1.8**	< 0.2	< 0.5	**6**	< 0.3
		06/08/2015	Duplicate	< 0.5	**2**	**31**	**0.4 J**	**3.5**	**1.1**	< 0.2	**2**	< 0.2	< 0.5	**5.4**	< 0.3
		12/10/2015	Primary	< 0.5	**1.1**	**49**	**0.44 J**	**4.1**	< 0.5	**0.37 J**	**1.7**	**0.27 J**	< 0.5	**3.1**	< 0.3
		08/08/2016	Primary	< 0.5	**0.98**	**54**	**0.59**	**4.5**	**5.8**	**0.58**	**1.8**	< 0.2	< 0.5	**5.9**	< 0.3
		11/28/2016	Primary	< 0.5	**1.4**	**73**	**0.95**	**5.4**	< 0.5	**0.63**	**1.6**	**0.43 J**	< 0.5	**6.7**	< 0.3
		11/28/2016	Duplicate	< 0.5	**1.5**	**79**	**0.94**	**5.4**	**0.51**	**0.61**	**1.9**	**0.7 J**	< 0.5	**6.1**	< 0.3
		06/09/2017	Primary	< 0.5	**1.5**	**67**	**0.53**	**5.3**	**0.62**	**0.64**	**1.3**	**0.41 J**	< 0.5	**6.9**	< 0.3
		12/05/2017	Primary	< 0.5	< 0.2	**4.7**	< 0.3	**0.54**	< 0.5	< 0.2	< 0.3	< 0.2	< 0.5	**1.2 J**	< 0.3
MW-56	Shallow Gaspur	05/17/2009	Primary	< 2.5	**3900 D**	**290 D**	**2.2 J**	**11**	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2	NA
		03/26/2014	Primary	< 2	**290**	**450**	< 2	**15**	< 2	< 2	< 2	< 2	< 2	< 0.5	< 2
		07/18/2016	Primary	< 1	**74**	**260**	< 1	**15**	< 1	< 1	< 1	< 1	< 1	< 0.5	< 1
MW-57A	Shallow Gaspur	09/27/2011	Primary	< 0.5	**10**	**17**	< 0.5	**0.99**	< 0.5	< 0.5	< 0.5	**9.9**	< 0.5	< 2.5	< 0.5
		12/07/2011	Primary	< 0.5	**8.7**	**18**	< 0.5	**1.1**	< 0.5	< 0.5	< 0.5	**5.4**	< 0.5	**1.7**	< 0.5
		03/27/2012	Primary	< 0.5	**11**	**16**	< 0.5	**0.91**	< 0.5	< 0.5	< 0.5	**7.5**	< 0.5	**1.2 J**	< 0.5
		06/13/2012	Primary	< 0.5	**11**	**17**	< 0.5	**1**	< 0.5	< 0.5	< 0.5	**8.9**	< 0.5	**1.3**	< 0.5

TABLE IX
ANALYTICAL RESULTS FOR CHEMICALS OF CONCERN IN GROUNDWATER SAMPLES
COOPER DRUM COMPANY SUPERFUND SITE
SOUTH GATE, CALIFORNIA

Well ID	Aquifer	Sample Date	Sample Type	PCE µg/L	TCE µg/L	cDCE µg/L	1,1-DCE µg/L	tDCE µg/L	VC µg/L	1,1-DCA µg/L	1,2-DCA µg/L	Benzene µg/L	1,2-DCP µg/L	1,4-Dioxane µg/L	1,2,3-TCP µg/L
MW-57A	Shallow Gaspur	12/13/2012	Primary	< 0.5	4.5	20	< 0.5	1	< 0.5	< 0.5	< 0.5	4.4	< 0.5	< 0.95	< 0.5
		06/20/2013	Primary	< 0.5	3.4	16	0.5	1.3	< 0.5	< 0.2	< 0.3	3.2	< 0.5	1.2 J	< 0.3
		12/12/2013	Primary	< 0.5	4.4	24	0.46 J	1.1	1.1	< 0.2	< 0.3	35	< 0.5	4.6	< 0.3
		06/12/2014	Primary	< 0.5	0.7	16	< 0.3	0.58	1	< 0.2	0.5	47	< 0.5	17	< 0.3
		12/16/2014	Primary	< 0.5	0.65	12	< 0.3	0.77	0.61	< 0.2	0.35 J	27	< 0.5	12	< 0.3
		06/10/2015	Primary	< 0.5	1.1	16	0.34 J	1.2	< 0.5	< 0.2	< 0.3	5.6	< 0.5	2.2	< 0.3
		12/09/2015	Primary	< 0.5	< 0.2	8.6	< 0.3	0.53	1.2	0.34 J	2	35	< 0.5	9.4	< 0.3
		06/09/2016	Primary	< 0.5	0.4 J	7.6	< 0.3	0.48 J	0.5	< 0.2	1.2	21	< 0.5	3.9	< 0.3
		12/02/2016	Primary	< 0.5	< 0.2	6.6	< 0.3	0.44 J	0.57	0.39 J	1.4	32	< 0.5	5.8	< 0.3
		06/08/2017	Primary	< 0.5	0.8	7.4	< 0.3	0.63	< 0.5	< 0.2	< 0.3	1.5	< 0.5	< 1	< 0.3
		12/07/2017	Primary	< 0.5	< 0.2	6.5	< 0.3	0.52	< 0.5	0.6	1.9	33	< 0.5	4.2	< 0.3
MW-57B	Intermediate Gaspur	09/27/2011	Primary	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5 J	< 0.5	1.8	1.8	< 0.5	< 0.95	< 0.5
		12/08/2011	Primary	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	2.4 J	2	< 0.5	2	< 0.5
		03/26/2012	Primary	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	2.7	1.5	< 0.5	1.7 J	< 0.5
		06/13/2012	Primary	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	2.2	1.7	< 0.5	2	< 0.5
		12/13/2012	Primary	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	1.9	0.98	< 0.5	1.8	< 0.5
		06/20/2013	Primary	< 0.5	< 0.2	0.32 J	< 0.3	< 0.4	< 0.5	< 0.2	1.7	0.71	< 0.5	1.8 J	< 0.3
		12/12/2013	Primary	< 0.5	< 0.2	< 0.2	< 0.3	< 0.4	< 0.5	< 0.2	1.7	0.7	< 0.5	2.1	< 0.3
		06/12/2014	Primary	< 0.5	< 0.2	< 0.2	< 0.3	< 0.4	< 0.5	< 0.2	2.4	0.25 J	< 0.5	1.3 J	< 0.3
		12/16/2014	Primary	< 0.5	< 0.2	< 0.2	< 0.3	< 0.4	< 0.5	< 0.2	2.2	0.21 J	< 0.5	< 1	< 0.3
		06/10/2015	Primary	< 0.5	< 0.2	< 0.2	< 0.3	< 0.4	< 0.5	< 0.2	3	< 0.2	< 0.5	< 1	< 0.3
		12/11/2015	Primary	< 0.5	< 0.2	< 0.2	< 0.3	< 0.4	< 0.5	< 0.2	2.4	< 0.2	< 0.5	< 1	< 0.3
		06/09/2016	Primary	< 0.5	< 0.2	< 0.2	< 0.3	< 0.4	< 0.5	< 0.2	3.5	< 0.2	< 0.5	< 1	< 0.3
		12/02/2016	Primary	< 0.5	< 0.2	< 0.2	< 0.3	< 0.4	< 0.5	< 0.2	2.5	< 0.2	< 0.5	< 1	< 0.3
		06/07/2017	Primary	< 0.5	< 0.2	< 0.2	< 0.3	< 0.4	< 0.5	< 0.2	1.7	< 0.2	< 0.5	< 1	< 0.3
		12/07/2017	Primary	< 0.5	< 0.2	0.39 J	< 0.3	< 0.4	< 0.5	< 0.2	3.3	< 0.2	< 0.5	1.1 J	< 0.3
MW-58	Shallow Gaspur	09/28/2011	Primary	< 0.5	8.2	13	< 0.5	2.3	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 3.3	< 0.5
		12/08/2011	Primary	< 0.5	14	22	0.71	3.7	< 0.5	< 0.5	< 0.5	< 0.5	0.64	2.4	< 0.5
		03/27/2012	Primary	< 0.5	12	23	0.66	3.9	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	2.2 J	< 0.5
		03/27/2012	Duplicate	< 0.5	13	21	0.77	3.6	< 0.5	< 0.5	< 0.5	< 0.5	0.61	2.2 J	< 0.5
		06/13/2012	Primary	< 0.5	15	28	0.7	4.7	< 0.5	< 0.5	< 0.5	< 0.5	0.8	2.1	< 0.5
		12/13/2012	Primary	< 0.5	8.6	45	0.82	5.3	< 0.5	< 0.5	< 0.5	< 0.5	1.4	1.8	< 0.5
		06/21/2013	Primary	< 0.5	3.6	26	1.6	3.8	< 0.5	0.32 J	< 0.3	0.62	0.89	2.7	< 0.3
		06/21/2013	Duplicate	< 0.5	3.4	25	1.5	3.7	< 0.5	0.26 J	< 0.3	0.6	0.73	2.8	< 0.3
		12/12/2013	Primary	< 0.5	7.2	28	2.6	4	< 0.5	< 0.2	< 0.3	0.37 J	< 0.5	8.1	< 0.3
		06/12/2014	Primary	< 0.5	2.7	13	7.5	1.9	0.5	0.74	< 0.3	1	< 0.5	21	< 0.3
		06/12/2014	Duplicate	< 0.5	2.7	13	7.5	1.8	< 0.5	0.74	< 0.3	1	< 0.5	22	< 0.3
		12/18/2014	Primary	< 0.5	2.1	18	3	2.4	< 0.5	0.27 J	< 0.3	0.64	< 0.5	11	< 0.3
		06/10/2015	Primary	< 0.5	2.9	29	1	4.1	< 0.5	< 0.2	< 0.3	< 0.2	1.4	2.3	< 0.3
		12/09/2015	Primary	< 0.5	0.76	21	3.6	2.5	< 0.5	0.4 J	< 0.3	1.5	0.74	6.3	< 0.3

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Well ID	Aquifer	Sample Date	Sample Type	PCE µg/L	TCE µg/L	cDCE µg/L	1,1-DCE µg/L	tDCE µg/L	VC µg/L	1,1-DCA µg/L	1,2-DCA µg/L	Benzene µg/L	1,2-DCP µg/L	1,4-Dioxane µg/L	1,2,3-TCP µg/L
MW-58	Shallow Gaspur	06/09/2016	Primary	< 0.5	0.56	23	2.1	2.7	< 0.5	< 0.2	< 0.3	3	< 0.5	1.3 J	< 0.3
		12/02/2016	Primary	< 0.5	0.37 J	20	1.8	2.2	< 0.5	< 0.2	< 0.3	4.1	< 0.5	1.7 J	< 0.3
		12/02/2016	Duplicate	< 0.5	0.41 J	21	1.8	2.4	< 0.5	< 0.2	< 0.3	4.7	< 0.5	1.8 J	< 0.3
		06/09/2017	Primary	< 0.5	0.82	22	0.65	3.8	< 0.5	< 0.2	< 0.3	1.7	< 0.5	< 1	< 0.3
		12/07/2017	Primary	< 0.5	< 0.2	20	0.71	2.9	< 0.5	< 0.2	< 0.3	1.7	< 0.5	1.3 J	< 0.3
MW-59A	Shallow Gaspur	06/13/2011	Primary	< 5	190	660	30	29	7.7	58	< 5	< 5	< 5	30	< 5
		09/28/2011	Primary	< 5	200	740	29	33	< 5 J	61	< 5	< 5	< 5	38 J	< 5
		09/28/2011	Duplicate	< 0.5	250	810	34	36	6 J	69	1.8	0.94	2.5	20 J	2
		12/09/2011	Primary	< 5	140	620	15	21	< 5	52	< 5	< 5	< 5	23 J	< 5
		03/28/2012	Primary	< 5	140	620	18	24	< 5	48	< 5	< 5	< 5	17	< 5
		06/13/2012	Primary	< 5	98	840	22	28	6.7	63	< 5	< 5	< 5	37	< 5
		12/14/2012	Primary	< 2.5	66	450	9.9	18	9.7	37	< 2.5	< 2.5	< 2.5	21 J	< 2.5
		06/21/2013	Primary	< 2.5	75	430	13	19	6	39	< 1.5	< 1	< 2.5	44	< 1.5
		12/13/2013	Primary	< 0.5	92	220	8.8	13	7.5	23	< 0.3	< 0.2	< 0.5	41	< 0.3
		06/12/2014	Primary	< 1	69	320	6.5	13	5.4	20	< 0.6	0.52 J	< 1	41	< 0.6
		12/18/2014	Primary	< 1	91	400	9.5	16	5.1	39	1.4	0.8 J	< 1	62	3.4
		06/08/2015	Primary	< 2.5	22	450	11	23	25	55	2.3 J	< 1	< 2.5	68	< 1.5
		12/10/2015	Primary	< 2.5	26	330	6.3	13	36	36	< 1.5	< 1	< 2.5	69	< 1.5
		06/07/2016	Primary	< 2.5	29	300	8.7	14	11	32	< 1.5	< 1	< 2.5	59	< 1.5
		12/02/2016	Primary	< 2.5	5.4	91	1.8 J	4.6	6	9.8	< 1.5	< 1	< 2.5	34	< 1.5
MW-59B	Intermediate Gaspur	06/13/2011	Primary	< 0.5	0.57	0.88	0.62	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	5.2	< 0.5
		09/27/2011	Primary	< 0.5	1.3	5.8	0.6	< 0.5	1.9	2.3	< 0.5	< 0.5	< 0.5	7.8	< 0.5
		12/06/2011	Primary	< 0.5	0.54	1.1	1.1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	12	< 0.5
		03/27/2012	Primary	< 0.5	0.63	2.2	2.4	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	13 J	< 0.5
		06/13/2012	Primary	< 0.5	0.78	2.9	2.7	< 0.5	< 0.5	0.56	< 0.5	< 0.5	< 0.5	15	< 0.5
		12/14/2012	Primary	< 0.5	< 0.5	< 0.5	0.91	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	6.6	< 0.5
		06/21/2013	Primary	< 0.5	0.28 J	0.77	2.6	< 0.4	< 0.5	0.38 J	< 0.3	< 0.2	< 0.5	14	< 0.3
		12/13/2013	Primary	< 0.5	< 0.2	2.1	1.1	< 0.4	< 0.5	0.71	< 0.3	< 0.2	< 0.5	4.8	< 0.3
		06/12/2014	Primary	< 0.5	0.43 J	1.7	0.94	< 0.4	< 0.5	0.88	0.32 J	< 0.2	< 0.5	5.8	< 0.3
		12/18/2014	Primary	< 0.5	0.57	1.5	1.3	< 0.4	< 0.5	0.78	0.38 J	< 0.2	< 0.5	7.1	< 0.3
		06/09/2015	Primary	< 0.5	1.1	3	1.4	< 0.4	< 0.5	1.1	1.1	< 0.2	< 0.5	6.2	< 0.3
		12/09/2015	Primary	< 0.5	1	1.7	1.6	< 0.4	< 0.5	0.62	0.83	< 0.2	< 0.5	5.9	< 0.3
		06/09/2016	Primary	< 0.5	< 0.2	0.94	3.3	< 0.4	< 0.5	0.47 J	0.61	< 0.2	< 0.5	6.4	< 0.3
		12/02/2016	Primary	< 0.5	< 0.2	0.79	2.3	< 0.4	< 0.5	< 0.2	0.41 J	< 0.2	< 0.5	8.2	< 0.3
		06/06/2017	Primary	< 0.5	< 0.2	0.7	4.2	< 0.4	< 0.5	0.42 J	< 0.3	< 0.2	< 0.5	9.4	< 0.3
		12/08/2017	Primary	< 0.5	< 0.2	< 0.2	< 0.3	< 0.4	< 0.5	< 0.2	< 0.3	< 0.2	< 0.5	2.1	< 0.3
		12/08/2017	Duplicate	< 0.5	< 0.2	< 0.2	< 0.3	< 0.4	< 0.5	< 0.2	< 0.3	< 0.2	< 0.5	2.3	< 0.3
MW-59C	Intermediate Gaspur	06/13/2011	Primary	< 0.5	< 0.5	0.72	< 0.5	< 0.5	< 0.5	< 0.5	2.3	< 0.5	< 0.5	< 4	< 0.5
		09/28/2011	Primary	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	2.8	< 0.5	< 0.5	< 0.94	< 0.5
		12/06/2011	Primary	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	2.8	< 0.5	< 0.5	< 0.95	< 0.5

TABLE IX
ANALYTICAL RESULTS FOR CHEMICALS OF CONCERN IN GROUNDWATER SAMPLES
COOPER DRUM COMPANY SUPERFUND SITE
SOUTH GATE, CALIFORNIA

Well ID	Aquifer	Sample Date	Sample Type	PCE µg/L	TCE µg/L	cDCE µg/L	1,1-DCE µg/L	tDCE µg/L	VC µg/L	1,1-DCA µg/L	1,2-DCA µg/L	Benzene µg/L	1,2-DCP µg/L	1,4-Dioxane µg/L	1,2,3-TCP µg/L
MW-59C	Intermediate Gaspur	03/26/2012	Primary	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	**2.8**	< 0.5	< 0.5	< 0.94 J	< 0.5
		06/13/2012	Primary	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	**2.7**	< 0.5	< 0.5	< 0.94	< 0.5
		12/11/2012	Primary	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	**3.1**	< 0.5	< 0.5	< 0.95 J	< 0.5
		06/21/2013	Primary	< 0.5	< 0.2	< 0.2	< 0.3	< 0.4	< 0.5	< 0.2	**2.2**	< 0.2	< 0.5	< 1	< 0.3
		12/13/2013	Primary	< 0.5	< 0.2	< 0.2	< 0.3	< 0.4	< 0.5	< 0.2	< 0.3	< 0.2	< 0.5	< 1	< 0.3
		06/12/2014	Primary	< 0.5	< 0.2	< 0.2	< 0.3	< 0.4	< 0.5	< 0.2	**1.5**	< 0.2	< 0.5	< 1	< 0.3
		12/18/2014	Primary	< 0.5	< 0.2	< 0.2	< 0.3	< 0.4	< 0.5	< 0.2	**0.98**	< 0.2	< 0.5	< 1	< 0.3
		06/09/2015	Primary	< 0.5	< 0.2	< 0.2	< 0.3	< 0.4	< 0.5	< 0.2	**2.2**	< 0.2	< 0.5	< 1	< 0.3
		12/11/2015	Primary	< 0.5	< 0.2	**0.35 J**	< 0.3	< 0.4	< 0.5	< 0.2	**1.4**	< 0.2	< 0.5	< 1	< 0.3
		06/09/2016	Primary	< 0.5	< 0.2	< 0.2	< 0.3	< 0.4	< 0.5	< 0.2	**2**	< 0.2	< 0.5	< 1	< 0.3
		12/02/2016	Primary	< 0.5	< 0.2	< 0.2	< 0.3	< 0.4	< 0.5	< 0.2	**1.7**	< 0.2	< 0.5	< 1	< 0.3
		06/06/2017	Primary	< 0.5	< 0.2	< 0.2	< 0.3	< 0.4	< 0.5	< 0.2	**1.2**	< 0.2	< 0.5	< 1	< 0.3
		12/08/2017	Primary	< 0.5	< 0.2	< 0.2	< 0.3	< 0.4	< 0.5	< 0.2	**0.96**	< 0.2	< 0.5	< 1	< 0.3
MW-60A	Shallow Gaspur	07/27/2011	Primary	< 0.5	**56**	**94**	**7.5**	**5.4**	**0.68**	**10**	**0.69**	< 0.5	< 0.5	**11**	**1.7**
		09/28/2011	Primary	< 0.5	**28**	**52**	**4.9**	**3.4**	< 0.5	**4.4**	< 0.5	< 0.5	< 0.5	**13**	**0.85**
		12/08/2011	Primary	< 0.5	**20**	**49**	**4.7**	**3.1**	**0.63**	**5.2**	< 0.5	< 0.5	< 0.5	**13**	< 0.5
		03/27/2012	Primary	< 0.5	**26**	**67**	**8.4**	**4.5**	**0.97**	**7.9**	< 0.5	< 0.5	< 0.5	**21 J**	< 0.5
		06/12/2012	Primary	< 0.5	**22**	**74**	**7.8**	**4.3**	**1.3**	**8.8**	**0.6**	< 0.5	< 0.5	**32**	**0.66**
		12/14/2012	Primary	< 0.5	**20**	**87**	**8.1**	**4.5**	**2**	**12**	**0.73**	< 0.5	**0.54**	**22 J**	**0.87**
		06/19/2013	Primary	< 0.5	**12**	**77**	**4.6**	**4**	**0.58**	**9.6**	**0.56**	< 0.2	< 0.5	**19**	**0.95**
		12/11/2013	Primary	< 0.5	**3.5**	**12**	**2.4**	**1.3**	**0.58**	**0.6**	< 0.3	< 0.2	< 0.5	**10**	< 0.3
		06/11/2014	Primary	< 0.5	**1.3**	**6.6**	**1.2**	**0.77**	< 0.5	**0.44 J**	**0.34 J**	< 0.2	< 0.5	**5.4**	< 0.3
		12/17/2014	Primary	< 0.5	**1.3**	**4.8**	**0.9**	**0.52**	< 0.5	**0.66**	**0.56**	< 0.2	< 0.5	**5.8**	< 0.3
		06/10/2015	Primary	< 0.5	**2.6**	**6.4**	**0.65**	**0.45 J**	**0.7**	**0.62**	**2.2**	< 0.2	< 0.5	**4.8**	< 0.3
		12/08/2015	Primary	< 0.5	**1.3**	**5.1**	**0.48 J**	< 0.4	< 0.5	**0.29 J**	**1.6**	< 0.2	< 0.5	**2.4**	< 0.3
		06/07/2016	Primary	< 0.5	**3.3**	**3.6**	**0.59**	< 0.4	< 0.5	**0.36 J**	**0.94**	< 0.2	< 0.5	**2.6**	< 0.3
		11/29/2016	Primary	< 0.5	**0.57**	**5.9**	**1.5**	< 0.4	< 0.5	**0.83**	**0.78**	< 0.2	< 0.5	**5.2**	< 0.3
		06/07/2017	Primary	< 0.5	**1.4**	**4.6**	**1.3**	**0.41 J**	< 0.5	**0.53**	**0.52**	< 0.2	< 0.5	**7.4**	< 0.3
		06/07/2017	Duplicate	< 0.5	**1.4**	**4.4**	**1.4**	< 0.4	< 0.5	**0.47 J**	**0.42 J**	< 0.2	< 0.5	**7.4**	< 0.3
		12/06/2017	Primary	< 0.5	**0.65**	**2**	**1.2**	< 0.4	< 0.5	**0.4 J**	**0.6**	< 0.2	< 0.5	**6.2**	< 0.3
MW-60B	Lower Gaspur	07/27/2011	Primary	< 0.5	**7.7**	**76 J**	**3.1**	**4.6**	**1.1**	**6.2**	**0.78**	< 0.5	< 0.5	**19**	< 0.5
		09/28/2011	Primary	< 0.5	**5.1**	**56**	**2**	**2.9**	**1.4**	**4.6**	**0.87**	< 0.5	< 0.5	**15**	< 0.5
		12/08/2011	Primary	< 0.5	**5.3**	**60**	**2**	**3**	**1.9**	**5.2**	**1.1**	< 0.5	< 0.5	**31 J**	< 0.5
		12/08/2011	Primary	< 0.5	**5.7**	**62**	**2**	**3.1**	**1.8**	**5.4**	**1.2**	< 0.5	< 0.5	**16 J**	< 0.5
		03/27/2012	Primary	< 0.5	**5.7**	**68**	**2.4**	**3.6**	**1.8**	**5.3**	**1.3**	< 0.5	< 0.5	**15 J**	< 0.5
		06/12/2012	SPL	< 0.5	**4.6**	**55 D**	**2.3**	**3.4**	**3.2**	**5.2**	**1.5**	< 0.5	**0.3 J**	**12**	NA
		06/12/2012	Primary	< 0.5	**4.9**	**64**	**2.2**	**3.2**	**2.5**	**5.3**	**1.6**	< 0.5	< 0.5	**25**	< 0.5
		12/12/2012	Primary	< 0.5	**4.6**	**59**	**2.8**	**3.5**	**2**	**4.6**	**1.2**	< 0.5	< 0.5	**25**	< 0.5
		12/12/2012	Primary	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**25**	NA
		06/19/2013	Primary	< 0.5	**2.3**	**33**	**1.6**	**2.3**	**0.96**	**3.3**	**0.79**	< 0.2	< 0.5	**15**	< 0.3

TABLE IX
ANALYTICAL RESULTS FOR CHEMICALS OF CONCERN IN GROUNDWATER SAMPLES
COOPER DRUM COMPANY SUPERFUND SITE
SOUTH GATE, CALIFORNIA

Well ID	Aquifer	Sample Date	Sample Type	PCE µg/L	TCE µg/L	cDCE µg/L	1,1-DCE µg/L	tDCE µg/L	VC µg/L	1,1-DCA µg/L	1,2-DCA µg/L	Benzene µg/L	1,2-DCP µg/L	1,4-Dioxane µg/L	1,2,3-TCP µg/L
MW-60B	Lower Gaspur	12/11/2013	Primary	< 0.5	3	36	1.9	2.8	0.93	3.2	0.98	< 0.2	< 0.5	15	< 0.3
		06/11/2014	Primary	< 0.5	2.8	23	1	1.5	0.5	1.9	0.69	< 0.2	< 0.5	12	< 0.3
		12/17/2014	Primary	< 0.5	1.7	22	1.2	2.1	1.2	1.6	1.2	< 0.2	< 0.5	12	< 0.3
		06/10/2015	Primary	< 0.5	2.3	35	2.3	3.5	2	4	2	< 0.2	< 0.5	16	< 0.3
		12/08/2015	Primary	< 0.5	3.1	50	3	3.8	1.2	5.2	1.1	< 0.2	< 0.5	13	< 0.3
		06/07/2016	Primary	< 0.5	2.1	17	1.4	1.5	0.59	1.7	0.6	< 0.2	< 0.5	8.5	< 0.3
		06/07/2016	Duplicate	< 0.5	2	17	1.6	1.4	0.53	1.7	0.54	< 0.2	< 0.5	8.2	< 0.3
		11/29/2016	Primary	< 0.5	1.7	20	1.5	1.7	0.5	1.7	0.41 J	< 0.2	< 0.5	9.7	< 0.3
		06/07/2017	Primary	< 0.5	0.32 J	9	< 0.3	0.53	< 0.5	1	1	< 0.2	< 0.5	8.9	< 0.3
		12/06/2017	Primary	< 0.5	1.1	21	1.4	2.4	< 0.5	1.8	0.65	< 0.2	< 0.5	4.8	< 0.3
MW-61A	Shallow Gaspur	09/26/2011	Primary	< 0.5	4.6	58	1.4	3.5	9	4.2	4.8	2.4	< 0.5	15 J	< 0.5
		12/08/2011	Primary	< 0.5	1.2	80	1.5	3.9	4.2	4.3	6.6	3.4	0.57	15	< 0.5
		03/28/2012	Primary	< 0.5	< 0.5	0.99	< 0.5	< 0.5	< 0.5	< 0.5	2.7	< 0.5	< 0.5	3.9 J	< 0.5
		06/08/2012	Primary	< 0.5	0.88	86	1.6	4.1	4.1	4.3	6	5.4	0.62	12 J	< 0.5
		12/12/2012	Primary	< 0.5	2.5	46	0.93	2.9	10	3.9	4	4.9	0.54	11	< 0.5
		06/21/2013	Primary	< 0.5	1.2	38	1.1	2.2	3.1	3.3	2.4	3.4	< 0.5	11	< 0.3
		12/12/2013	Primary	< 0.5	0.43 J	50	1.6	2.7	3	3.1	2.4	3.7	< 0.5	12	< 0.3
		12/12/2013	Duplicate	< 0.5	0.34 J	48	1.5	2.3	2.8	2.9	2.4	3.6	< 0.5	13	< 0.3
		06/09/2014	Primary	< 0.5	< 0.2	24	< 0.3	4.4	1.4	0.57	1.6	2.4	< 0.5	3.7	< 0.3
		12/17/2014	Primary	< 0.5	1.2	59	3.5	3	2.8	5	0.96	0.43 J	< 0.5	24	< 0.3
		06/09/2015	Primary	< 0.5	2.1	34	2	1.6	1.8	2.4	2.9	< 0.2	< 0.5	16	< 0.3
		12/10/2015	Primary	< 0.5	26	72	4.4	3.1	2.2	8.4	2.2	< 0.2	0.57	46	< 0.3
		06/09/2016	Primary	< 0.5	0.57	43	2.4	3.1	2	3.2	3.5	3.3	< 0.5	9.4	< 0.3
		12/01/2016	Primary	< 0.5	0.53	73	2.1	4.9	2.4	4.4	4.9	3	< 0.5	14	< 0.3
		06/06/2017	Primary	< 0.5	0.58	110	2.8	5.4	6.2	7.6	3.9	4.2	< 0.5	26	< 0.3
		12/08/2017	Primary	< 1	< 0.4	100	2.4	6.1	1.6	8.2	4.2	5.1	< 1	20	< 0.6
		12/08/2017	Duplicate	< 1	< 0.4	110	3.3	7	2	9.2	4.2	5.6	< 1	21	< 0.6
MW-61B	Intermediate Gaspur	09/26/2011	Primary	< 0.5	< 0.5	1.4	< 0.5	< 0.5	< 0.5	< 0.5	2.6	< 0.5	< 0.5	< 4.5 J	< 0.5
		12/06/2011	Primary	< 0.5	< 0.5	1.3	< 0.5	< 0.5	< 0.5	< 0.5	3	< 0.5	< 0.5	4.1	< 0.5
		03/26/2012	Primary	< 0.5	< 0.5	0.94	< 0.5	< 0.5	0.56	< 0.5	2.9	< 0.5	< 0.5	3.6 J	< 0.5
		03/26/2012	Duplicate	< 0.5	< 0.5	1.1	< 0.5	< 0.5	0.59	< 0.5	2.9	< 0.5	< 0.5	3.6 J	< 0.5
		06/08/2012	Primary	< 0.5	< 0.5	0.9	< 0.5	< 0.5	0.85	< 0.5	3.3	< 0.5	< 0.5	4 J	< 0.5
		12/13/2012	Primary	< 0.5	< 0.5	0.55	< 0.5	< 0.5	0.57	< 0.5	2.5	< 0.5	< 0.5	4	< 0.5
		06/21/2013	Primary	< 0.5	< 0.2	0.34 J	< 0.3	< 0.4	< 0.5	< 0.2	2.5	< 0.2	< 0.5	3.5	< 0.3
		12/12/2013	Primary	< 0.5	< 0.2	0.38 J	< 0.3	< 0.4	< 0.5	< 0.2	2.7	< 0.2	< 0.5	2.9	< 0.3
		06/09/2014	Primary	< 0.5	< 0.2	< 0.2	< 0.3	< 0.4	< 0.5	< 0.2	2.6	< 0.2	< 0.5	1.2 J	< 0.3
		12/17/2014	Primary	< 0.5	< 0.2	0.59	< 0.3	< 0.4	< 0.5	< 0.2	2.2	< 0.2	< 0.5	1.3 J	< 0.3
		06/08/2015	Primary	< 0.5	< 0.2	1.4	< 0.3	< 0.4	< 0.5	< 0.2	3.3	< 0.2	< 0.5	2.5	< 0.3
		12/09/2015	Primary	< 0.5	0.26 J	2.1	< 0.3	< 0.4	< 0.5	0.29 J	3.4	< 0.2	< 0.5	< 1	< 0.3
		06/09/2016	Primary	< 0.5	< 0.2	2	< 0.3	< 0.4	< 0.5	< 0.2	2.7	< 0.2	< 0.5	< 1	< 0.3

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COOPER DRUM COMPANY SUPERFUND SITE
SOUTH GATE, CALIFORNIA

Well ID	Aquifer	Sample Date	Sample Type	PCE µg/L	TCE µg/L	cDCE µg/L	1,1-DCE µg/L	tDCE µg/L	VC µg/L	1,1-DCA µg/L	1,2-DCA µg/L	Benzene µg/L	1,2-DCP µg/L	1,4-Dioxane µg/L	1,2,3-TCP µg/L
MW-61B	Intermediate Gaspur	12/01/2016	Primary	< 0.5	< 0.2	2.9	< 0.3	< 0.4	< 0.5	< 0.2	2.9	< 0.2	< 0.5	1.6 J	< 0.3
		06/06/2017	Primary	< 0.5	< 0.2	2.8	< 0.3	< 0.4	0.6	< 0.2	< 0.3	< 0.2	1.2	2.3	< 0.3
		12/08/2017	Primary	< 0.5	< 0.2	0.56	< 0.3	< 0.4	< 0.5	< 0.2	1.6	< 0.2	< 0.5	1.4 J	< 0.3
MW-62A	Shallow Gaspur	07/26/2011	Primary	< 0.5	4.7	32	< 0.5	6.4	< 0.5	< 0.5	2.5	3.2	< 0.5	1.1	< 0.5
		07/26/2011	Duplicate	< 0.5	4.2	29	< 0.5	5.8	< 0.5	< 0.5	2.3	3	< 0.5	1	< 0.5
		09/27/2011	Primary	< 0.5	3.4	33	< 0.5	6.2	< 0.5	< 0.5	2.3	3	< 0.5	< 1.2	< 0.5
		12/07/2011	Primary	< 0.5	3.1	31	< 0.5	6.1	< 0.5	< 0.5	2.2	2.5	< 0.5	1.4	< 0.5
		03/27/2012	Primary	< 0.5	3.1	26	< 0.5	5	< 0.5	< 0.5	2.2	2.4	< 0.5	1.2 J	< 0.5
		06/12/2012	Primary	< 0.5	2.2	25	< 0.5	4.2	< 0.5	< 0.5	2.2	2.5	< 0.5	1.2	< 0.5
		12/14/2012	Primary	< 0.5	2.3	30	< 0.5	6.2	0.52	< 0.5	1.6	2.7	< 0.5	1.6	< 0.5
		06/19/2013	Primary	< 0.5	1.2	23	< 0.3	4.6	< 0.5	0.3 J	1.4	1.8	< 0.5	1.5 J	< 0.3
		12/11/2013	Primary	< 0.5	1.1	23	< 0.3	4.4	< 0.5	< 0.2	1.3	1.3	< 0.5	1.5 J	< 0.3
		06/11/2014	Primary	< 0.5	3.5	22	< 0.3	6.3	< 0.5	< 0.2	1.5	1.4	< 0.5	1.6 J	< 0.3
		12/17/2014	Primary	< 0.5	3.5	23	< 0.3	8.8	< 0.5	< 0.2	1.7	1.1	< 0.5	< 1	< 0.3
		06/10/2015	Primary	< 0.5	4	23	0.31 J	10	< 0.5	< 0.2	3.4	1.4	< 0.5	< 1	< 0.3
		12/08/2015	Primary	< 0.5	3.3	27	< 0.3	11	< 0.5	< 0.2	2.3	1.1	< 0.5	< 1	< 0.3
		12/08/2015	Duplicate	< 0.5	3.3	27	< 0.3	11	< 0.5	< 0.2	2.4	1.1	< 0.5	< 1	< 0.3
		06/07/2016	Primary	< 0.5	1.8	21	< 0.3	8.6	< 0.5	< 0.2	1.9	< 0.2	< 0.5	< 1	< 0.3
		11/29/2016	Primary	< 0.5	1.3	20	< 0.3	7.9	< 0.5	0.69	1.9	0.42 J	< 0.5	1.2 J	< 0.3
		06/07/2017	Primary	< 0.5	0.34 J	2.7	< 0.3	0.85	< 0.5	< 0.2	< 0.3	< 0.2	< 0.5	< 1	< 0.3
		12/06/2017	Primary	< 0.5	0.65	22	< 0.3	7.8	< 0.5	1.5	1.5	< 0.2	< 0.5	3.6	< 0.3
MW-62B	Lower Gaspur	09/28/2011	Primary	< 0.5	44	62	< 0.5	27	< 0.5	< 0.5	7.6	20	< 0.5	< 0.95	< 0.5
		12/08/2011	Primary	< 0.5	44	61	0.5	25	< 0.5	< 0.5	8.3	20	< 0.5	< 0.95	< 0.5
		03/28/2012	Primary	< 0.5	45	72	0.52	28	0.63	< 0.5	7.7	21	< 0.5	< 0.94 J	< 0.5
		06/12/2012	Primary	< 0.5	15	90	0.57	25	< 0.5	< 0.5	7.5	20	< 0.5	< 0.94	< 0.5
		12/11/2012	Primary	< 0.5	0.74	76	0.52	19	1.3	< 0.5	6.7	13	< 0.5	< 0.95	< 0.5
		06/19/2013	Primary	< 0.5	11	41	0.36 J	13	1.3	< 0.2	3.6	9.7	< 0.5	< 1 J	< 0.3
		12/11/2013	Primary	< 0.5	1.5	46	0.51	14	1.7	< 0.2	3.4	10	< 0.5	< 1	< 0.3
		06/11/2014	Primary	< 0.5	6.4	30	< 0.3	7.5	0.75	< 0.2	2.1	5.6	< 0.5	< 1	< 0.3
		12/17/2014	Primary	< 0.5	3.1	20	< 0.3	3.8	0.56	< 0.2	2	2	< 0.5	< 1	< 0.3
		06/10/2015	Primary	< 0.5	6.6	18	< 0.3	4.2	0.82	< 0.2	3.7	1.6	< 0.5	< 1	< 0.3
		12/08/2015	Primary	< 0.5	7.3	13	< 0.3	2.7	0.73	< 0.2	2.9	0.51	< 0.5	< 1	< 0.3
		06/07/2016	Primary	< 0.5	6.7	10	< 0.3	2.4	0.76	< 0.2	1.9	0.86	< 0.5	< 1	< 0.3
		11/29/2016	Primary	< 0.5	4.9	8.7	< 0.3	2.6	1.3	< 0.2	2.5	0.66	< 0.5	< 1	< 0.3
		06/07/2017	Primary	< 0.5	4.2	9.6	< 0.3	1.7	0.89	< 0.2	2.5	< 0.2	< 0.5	< 1	< 0.3
		12/06/2017	Primary	< 0.5	3.8	9.5	< 0.3	1.8	0.64	< 0.2	2.5	< 0.2	< 0.5	< 1.7	< 0.3
EW-2	Shallow Gaspur	12/01/2000	Primary	< 1	150	170	9	10	1.7	20	5.4	2	3	NA	NA
		03/01/2001	Primary	0.6 J	130	110	10 J	12	2.4	20	< 0.5	2	4	NA	NA
		05/01/2003	Primary	< 50	86	1300 J	46 J	39 J	12 J	260	46 J	20	< 50 *	NA	NA
		12/01/2003	Primary	< 1	16	1200	72	55	13	320	36	15	11	NA	NA

TABLE IX
ANALYTICAL RESULTS FOR CHEMICALS OF CONCERN IN GROUNDWATER SAMPLES
COOPER DRUM COMPANY SUPERFUND SITE
SOUTH GATE, CALIFORNIA

Well ID	Aquifer	Sample Date	Sample Type	PCE µg/L	TCE µg/L	cDCE µg/L	1,1-DCE µg/L	tDCE µg/L	VC µg/L	1,1-DCA µg/L	1,2-DCA µg/L	Benzene µg/L	1,2-DCP µg/L	1,4-Dioxane µg/L	1,2,3-TCP µg/L
EW-2	Shallow Gaspur	02/01/2004	Primary	< 5	140	1000	56	44	12	230	39	14	13	NA	NA
		04/04/2004	Primary	< 0.5	270	1200	54 E	63 J	84 J	280	48 E	20	15	710	NA
		07/01/2004	Primary	< 2	130 D	390 D	27	51	460 D	250 D	39	14	11	NA	NA
		11/01/2004	Primary	< 0.5	130 D	210 D	34 E	72 JD	1100 D	240 D	41 E	20	15 J	700	NA
		04/01/2005	Primary	< 0.5	59 D	94 D	12	48 D	310 D	220 D	24	20	12	530	NA
		11/01/2005	Primary	< 0.5	190	120	25	59	430	250	22	16	11	510	NA
		03/01/2006	Primary	< 0.5	42 D	20	4.1	42 D	190 D	200 D	16	12	11	550	NA
		08/01/2006	Primary	< 0.5	30 D	46 D	5.4	40 D	110 D	200 D	21	13	9.1	430	NA
		03/01/2008	Primary	< 0.5	11	10	0.69	32 D	29 D	130 D	13	10	6	290 D	NA
		05/14/2009	Primary	< 0.5	29 D	94 D	2.4 J	23 D	58 D	120 D	16	10	8.1	160 D	NA
		07/15/2010	Primary	< 0.5	20	140	2.4	14	35 J	73 J	14	5.8	5.7	87 J	2
		07/23/2012	Primary	< 0.5	12	25	2.4	1.5	3.1	4.5	1.4	1.5	< 0.5	12	< 0.5
		08/17/2012	Primary	< 0.5	9.2	25	2.9	1.6	4.6	4.9	1.4	1.7	< 0.5	12 J	< 0.5
		08/24/2012	Primary	< 0.5	9.9	29	2.4	1.5	3.7	5.1	1.3	1.6	0.5	9.8 J	< 0.5
		09/07/2012	Primary	< 0.5	17	42	2.9	2.4	2.6	6.1	1.2	1.8	< 0.5	15 J	< 0.5
		09/14/2012	Primary	< 0.5	16	42	2.6	2.3	3.5	5.9	1.3	1.8	0.86	14 J	0.58
		02/28/2013	Primary	< 0.5	13	52	3.5	2.9	3.8	6.2	2	5.8	0.77	16	< 0.5
		03/08/2013	Primary	< 1	13	40	2.4 J	2.5	2.8	5.1	1.4	3.8	< 1	24	< 1
		03/15/2013	Primary	< 1	15	44	3.6	3	3.4	5.4	1.9	3.8	< 1	21	< 1
		03/22/2013	Primary	< 1	16	47	3.1	2.9	3.8	6.1	1.9	4	< 1	21	< 1 J
		06/21/2013	Primary	< 0.5	11	41	3.2	2.7	2.8	6.2	1.7	2.4	< 0.5	17	< 0.3
		12/13/2013	Primary	< 0.5	12	38	3	2.3	2.7	4.4	2.1	2.5	< 0.5	16	< 0.3
		06/12/2014	Primary	< 0.5	3.8	26	2	1.8	1.4	2.7	1.3	2.4	< 0.5	15	< 0.3
		12/17/2014	Primary	< 0.5	4.2	35	2.5	2.1	2.9	3.7	1.3	2.7	< 0.5	16	< 0.3
		06/11/2015	Primary	< 0.5	6.3	32	3.2	2.5	4.7	4.7	2.5 J	3.1	< 0.5	17	< 0.3
		12/11/2015	Primary	< 0.5	2.5	27	3.6	1.7	3.2	3.2	0.86	2.5	< 0.5	16	< 0.3
		06/10/2016	Primary	< 0.5	2.3	17	4.9	1.2	2	2.1	0.42 J	2.5	< 0.5	17	< 0.3
		12/01/2016	Primary	< 0.5	1.9	19	4.6	1.3	2.2	2.1	0.38 J	2.7	< 0.5	18	< 0.3
		06/07/2017	Primary	< 0.5	0.48 J	11	2.8	0.82	3	1.7	0.42 J	2.7	< 0.5	17	< 0.3
		12/06/2017	Primary	< 0.5	0.93	29	2.4	1.4	2.6	4.2	0.95	3.3	< 0.5	13	< 0.3
EW-4	Shallow/ Intermediate	07/26/2011	Primary	< 0.5	1	43	< 0.5	4.4	< 0.5	1.3	2.2	5.2	< 0.5	8.1	< 0.5
		02/28/2013	Primary	< 0.5	1.9	45	0.82	2	2.2	2	3.6	5.2	< 0.5	8.8	< 0.5
		03/08/2013	Primary	< 1	3.4	36	< 1 J	2.3	2	2.4	2.6	4	< 1	9.8	< 1
		03/15/2013	Primary	< 1	3.5	40	1.2	2.4	2.4	2.7	3.3	3.5	< 1	9.9	< 1
		03/22/2013	Primary	< 1	4.1	43	1.3	2.5	2.8	3	3.4	3.5	< 1	11	< 1 J
		06/21/2013	Primary	< 0.5	5.4	43	2	2.5	2	4.2	2	2.2	< 0.5	15	< 0.3
		12/13/2013	Primary	< 0.5	5.5	48	2.6	3.2	2	4.7	1.6	1.2	< 0.5	17	< 0.3
		06/12/2014	Primary	< 0.5	1.9	44	2	3.4	1.3	3.1	1.4	1.2	< 0.5	20	< 0.3
		12/17/2014	Primary	< 0.5	0.76	28	1.2	2	0.92	1.4	1.2	0.7	< 0.5	14	< 0.3
		06/11/2015	Primary	< 0.5	4.4	40	2	4.8	2.1	3.1	3.2 J	1.5	< 0.5	15	< 0.3

TABLE IX
ANALYTICAL RESULTS FOR CHEMICALS OF CONCERN IN GROUNDWATER SAMPLES
COOPER DRUM COMPANY SUPERFUND SITE
SOUTH GATE, CALIFORNIA

Well ID	Aquifer	Sample Date	Sample Type	PCE µg/L	TCE µg/L	cDCE µg/L	1,1-DCE µg/L	tDCE µg/L	VC µg/L	1,1-DCA µg/L	1,2-DCA µg/L	Benzene µg/L	1,2-DCP µg/L	1,4-Dioxane µg/L	1,2,3-TCP µg/L
EW-4	Shallow/ Intermediate	12/09/2015	Primary	< 0.5	0.63	41	1.4	6.7	2.2	2.4	3.9	2.2	< 0.5	6.2	< 0.3
		06/10/2016	Primary	< 0.5	0.61	41	1.4	4.9	2.1	2.1	3.9	2.7	< 0.5	2.9	< 0.3
		12/01/2016	Primary	< 0.5	0.56	39	1.3	4.7	4.1	2	3.2	1.6	< 0.5	7.4	< 0.3
		06/09/2017	Primary	< 0.5	0.4 J	38	0.91	3.4	1.6	2	2.5	1.4	< 0.5	10	< 0.3
		06/09/2017	Duplicate	< 0.5	0.42 J	41	0.87	4.6	1.5	2.2	2.8	1.6	< 0.5	11	< 0.3
		12/06/2017	Primary	< 0.5	0.38 J	45	1.1	3.6	1.8	2.7	3.7	1.5	< 0.5	9	< 0.3
EW-5	Shallow Gaspur	06/19/2013	Primary	< 0.5	18	59	5.7	3.3	0.87	9.4	0.45 J	< 0.2	< 0.5	29	< 0.3
		12/11/2013	Primary	< 0.5	10	4.7	0.48 J	< 0.4	< 0.5	0.32 J	< 0.3	< 0.2	< 0.5	< 1	< 0.3
		06/11/2014	Primary	< 0.5	5.2	12	0.95	0.78	< 0.5	0.6	< 0.3	< 0.2	< 0.5	5.9	< 0.3
		12/17/2014	Primary	< 0.5	6.1	3.9	0.4 J	< 0.4	< 0.5	0.25 J	< 0.3	< 0.2	< 0.5	2	< 0.3
		12/09/2015	Primary	< 0.5	10	24	1.4	1.4	< 0.5	1.3	1.8	< 0.2	< 0.5	16	< 0.3
		12/16/2015	Primary	< 0.5	9.4	23	1.3	1.7	< 0.5	1.1	1.5	< 0.2	< 0.5	14	< 0.3
		12/23/2015	Primary	< 0.5	10	34	2.2	1.9	< 0.5	2.1	1.8	0.3 J	< 0.5	18	< 0.3
		12/30/2015	Primary	< 0.5	9.5	25	1.6	1.7	0.56	1.8	< 0.3	< 0.2	< 0.5	17	< 0.3
		06/08/2016	Primary	< 0.5	9.1	26	1.9	1.4	< 0.5	1.9	1.7	< 0.2	< 0.5	11	< 0.3
		12/02/2016	Primary	< 0.5	13	20	1.5	1.1	< 0.5	1.4	< 0.3	< 0.2	< 0.5	13	< 0.3
		06/07/2017	Primary	< 0.5	11	15	1.3	0.71	< 0.5	1.8	< 0.3	< 0.2	< 0.5	15	< 0.3
		12/06/2017	Primary	< 0.5	11	29	2.3	1.9	< 0.5	3.4	0.71	< 0.2	< 0.5	15	< 0.3
EW-7A	Shallow/ Intermediate	06/19/2013	Primary	< 0.5	3.1	41	0.55	3.7	< 0.5	1.2	2	2.3	< 0.5	5.2	< 0.3
		12/11/2013	Primary	< 0.5	1.8	35	0.51	4.4	< 0.5	0.72	2.1	3.9	< 0.5	3.4	< 0.3
		12/11/2013	Duplicate	< 0.5	1.8	36	0.51	4.4	< 0.5	0.56	2.1	4	< 0.5	3.4	< 0.3
		06/11/2014	Primary	< 0.5	0.94	36	0.38 J	3.3	< 0.5	0.38 J	1.6	2.3	< 0.5	4.5	< 0.3
		12/17/2014	Primary	< 0.5	0.82	33	< 0.3	3.5	< 0.5	0.48 J	1.4	2.3	< 0.5	2.5	< 0.3
		12/17/2014	Duplicate	< 0.5	0.88	34	0.36 J	3.6	< 0.5	0.49 J	1.7	2.2	< 0.5	2.6	< 0.3
		12/09/2015	Primary	< 0.5	1.4	27	< 0.3	5.6	< 0.5	< 0.2	1.9	3.1	< 0.5	1 J	< 0.3
		12/10/2015	Primary	< 0.5	1.3	30	< 0.3	6.3	< 0.5	0.3 J	1.8	2.6	< 0.5	< 1	< 0.3
		12/10/2015	Duplicate	< 0.5	1.4	31	< 0.3	6.6	< 0.5	0.26 J	1.8	2.7	< 0.5	< 1	< 0.3
		12/16/2015	Primary	< 0.5	1.4	25	< 0.3	5.7	< 0.5	< 0.2	2.1	2.9	< 0.5	< 1	< 0.3
		12/23/2015	Primary	< 0.5	1.4	36	0.46 J	6.9	< 0.5	0.43 J	1.8	3.1	< 0.5	2	< 0.3
		12/30/2015	Primary	< 0.5	1.3	27	< 0.3	6.8	0.52	< 0.2	< 0.3	3	< 0.5	1.3 J	< 0.3
		06/07/2016	Primary	< 0.5	2.3	29	0.6	6.9	< 0.5	0.64	1.8	2.1	< 0.5	3	< 0.3
		11/29/2016	Primary	< 0.5	1.9	29	0.49 J	6.4	< 0.5	0.77	1.7	1.8	< 0.5	4.7	< 0.3
		06/07/2017	Primary	< 0.5	1.8	24	0.53	4.2	< 0.5	1	1.2	0.83	< 0.5	6.5	< 0.3
		12/06/2017	Primary	< 0.5	0.71	23	< 0.3	5	< 0.5	0.36 J	2.1	1.4	< 0.5	2.6	< 0.3
EW-7B	Lower Gaspur	06/19/2013	Primary	< 0.5	3	42	0.33 J	6.6	0.59	0.57	2.6	4.2	< 0.5	4.4	< 0.3
		12/11/2013	Primary	< 0.5	2.9	52	0.44 J	8.6	0.54	0.53	3.1	5.2	< 0.5	4.3	< 0.3
		06/11/2014	Primary	< 0.5	1.7	43	< 0.3	6.7	< 0.5	< 0.2	2.2	4.5	< 0.5	3.6	< 0.3
		12/17/2014	Primary	< 0.5	1.6	38	< 0.3	7.1	0.75	0.26 J	1.9	4.5	< 0.5	2.4	< 0.3
		12/09/2015	Primary	< 0.5	4	50	< 0.3	8.4	1.1	1.1	2.8	4.5	< 0.5	5.1	< 0.3
		12/10/2015	Primary	< 0.5	3.9	57	0.69	10	1.3	1.3	2.8	4.4	< 0.5	4.1	< 0.3

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Well ID	Aquifer	Sample Date	Sample Type	PCE µg/L	TCE µg/L	cDCE µg/L	1,1-DCE µg/L	tDCE µg/L	VC µg/L	1,1-DCA µg/L	1,2-DCA µg/L	Benzene µg/L	1,2-DCP µg/L	1,4-Dioxane µg/L	1,2,3-TCP µg/L
EW-7B	Lower Gaspur	12/16/2015	Primary	< 0.5	4.2	53	< 0.3	8.6	1.2	1	3.2	4.7	< 0.5	4.7	< 0.3
		12/23/2015	Primary	< 0.5	4.4	68	1.4	10	2.4	2	3.2	5.1	< 0.5	6.5	< 0.3
		12/30/2015	Primary	< 0.5	3.8	51	0.86	9.7	1.6	1.4	< 0.3	4.5	< 0.5	6.5	< 0.3
		06/07/2016	Primary	< 0.5	3.5	52	1.2	7.5	1.2	1.6	2.4	2.5	< 0.5	7.1	< 0.3
		11/29/2016	Primary	< 0.5	3.4	58	1.2	6.6	0.94	1.6	2.2	2.3	< 0.5	9.2	< 0.3
		06/07/2017	Primary	< 0.5	2.9	46	0.82	5.1	0.82	1.5	1.6	1.2	< 0.5	8.9	< 0.3
		12/06/2017	Primary	< 0.5	2.4	44	0.62	4.7	< 0.5	1.5	2	0.79	< 0.5	6.4	< 0.3
EW-8	Lower Gaspur	06/21/2013	Primary	< 0.5	1.2	47	0.8	3.3	1.3	2.2	3.2	2	< 0.5	7.9	< 0.3
		12/11/2013	Primary	< 0.5	1.8	56	0.98	6.1	1.8	2.1	3.7	3	< 0.5	7.9	< 0.3
		06/11/2014	Primary	< 0.5	1.7	55	0.84	6	2.1	2	3.2	3.4	< 0.5	8.7	< 0.3
		12/18/2014	Primary	< 0.5	1.4	47	0.61	5.4	1.3	1.3	2.6	2.8	< 0.5	5.8	< 0.3
		06/09/2015	Primary	< 0.5	1.6	45	0.54	8.7	1.6	1	4.3	4.4	< 0.5	3.9	< 0.3
		12/08/2015	Primary	< 0.5	1.8	40	< 0.3	9.4	1.5	0.75	2.7	3.8	< 0.5	1.7 J	< 0.3
		06/07/2016	Primary	< 0.5	1.2	30	< 0.3	9.3	3.4	1.2	2.3	4	< 0.5	2.6	< 0.3
		11/30/2016	Primary	< 0.5	1.5	35	< 0.3	9.5	1.2	2.3	2.5	3	< 0.5	5.5	< 0.3
		06/09/2017	Primary	< 0.5	1.1	30	< 0.3	10	0.91	0.58	2.4	2.4	< 0.5	2 J	< 0.3
		12/05/2017	Primary	< 0.5	< 0.2	< 0.2	< 0.3	< 0.4	< 0.5	< 0.2	< 0.3	< 0.2	< 0.5	< 1	< 0.3
EW-A	Lower Gaspur	12/09/2015	Primary	< 0.5	1.2	32	0.92	5	1.9	2	4	1.8	< 0.5	7.2	< 0.3
		12/09/2015	Primary	< 0.5	1.1	25	0.76	4	1.2	1.4	3.3	1.7	< 0.5	8.4	< 0.3
		12/16/2015	Primary	< 0.5	1.2	26	< 0.3	4.2	1.2	1.3	3.4	1.8	< 0.5	7.2	< 0.3
		12/23/2015	Primary	< 0.5	1.4	35	1	4.9	2	2.1	3.6	2	< 0.5	9	< 0.3
		12/30/2015	Primary	< 0.5	1.4	31	1.1	5.5	2	2	< 0.3	2.2	< 0.5	8.7	< 0.3
		06/10/2016	Primary	< 0.5	1.4	46	1.5	5.6	1.2	2.9	3	3.6	< 0.5	13	< 0.3
		12/01/2016	Primary	< 0.5	0.83	51	2	6.8	1.8	3.4	2.9	2.2	< 0.5	18	< 0.3
		06/09/2017	Primary	< 0.5	0.59	44	1.4	5.2	1.4	2.7	2.2	2.3	< 0.5	16	< 0.3
		12/06/2017	Primary	< 0.5	0.69	60	1.7	5.8	2.4	4.5	3.4	2	< 0.5	16	< 0.3
		12/06/2017	Duplicate	< 0.5	0.71	58	1.8	5.3	2.2	4.4	3.2	1.9	< 0.5	18	< 0.3
PZ-7A	Shallow Gaspur	08/11/2011	Primary	< 0.5	7.2	20	< 0.5	1.4	< 0.5	0.53	2.8	1.7	< 0.5	2.7	< 0.5
		09/27/2011	Primary	< 0.5	5.6	25	< 0.5	1.7	< 0.5	0.64	2.6	1.5	< 0.5	< 2.9	< 0.5
		12/07/2011	Primary	< 0.5	4.4	30	< 0.5	2.4 J	< 0.5	0.63	3.1	1.6	< 0.5	2.2	< 0.5
		12/07/2011	Duplicate	< 0.5	4.6	23	< 0.5	1.7 J	< 0.5	0.5	3.2	1.5	< 0.5	2.3	< 0.5
		03/27/2012	Primary	< 0.5	3.1	27	< 0.5	2	< 0.5	< 0.5	2.7	1.9	< 0.5	2.5 J	< 0.5
		06/12/2012	Primary	< 0.5	2.5	30	< 0.5	2	< 0.5	0.54	3.2 J	2.5	< 0.5	2.2	< 0.5
		12/13/2012	Primary	< 0.5	1.4	26	< 0.5	1.6	< 0.5	0.53	3.2	1.6	< 0.5	< 2.6	< 0.5
		06/19/2013	Primary	< 0.5	1.5	27	0.48 J	2.5	< 0.5	0.57	2.5	1.5	< 0.5	2.3	< 0.3
		12/11/2013	Primary	< 0.5	2.2	30	< 0.3	2.7	< 0.5	0.4 J	2.2	1.4	< 0.5	2.4	< 0.3
		06/11/2014	Primary	< 0.5	2.4	22	< 0.3	2.3	< 0.5	< 0.2	1.6	1.2	< 0.5	2.4	< 0.3
		12/17/2014	Primary	< 0.5	1.9	22	< 0.3	2.3	< 0.5	< 0.2	1.3	1.2	< 0.5	1.7 J	< 0.3
		06/10/2015	Primary	< 0.5	3.7	27	< 0.3	5.5	0.66	0.35 J	3	2.2	< 0.5	< 1	< 0.3
		12/09/2015	Primary	< 0.5	3.1	30	< 0.3	7.2	< 0.5	< 0.2	3.1	2.7	< 0.5	< 1	< 0.3

TABLE IX
ANALYTICAL RESULTS FOR CHEMICALS OF CONCERN IN GROUNDWATER SAMPLES
COOPER DRUM COMPANY SUPERFUND SITE
SOUTH GATE, CALIFORNIA

Well ID	Aquifer	Sample Date	Sample Type	PCE µg/L	TCE µg/L	cDCE µg/L	1,1-DCE µg/L	tDCE µg/L	VC µg/L	1,1-DCA µg/L	1,2-DCA µg/L	Benzene µg/L	1,2-DCP µg/L	1,4-Dioxane µg/L	1,2,3-TCP µg/L
PZ-7A	Shallow Gaspur	06/07/2016	Primary	< 0.5	2.6	26	< 0.3	8.2	< 0.5	< 0.2	2.2	2.4	< 0.5	< 1	< 0.3
		11/29/2016	Primary	< 0.5	1.9	20	< 0.3	6.1	< 0.5	0.5	1.6	1.1	< 0.5	2.1	< 0.3
		06/07/2017	Primary	< 0.5	0.59	8.4	< 0.3	1.6	< 0.5	< 0.2	0.59	0.38 J	< 0.5	< 1	< 0.3
		12/06/2017	Primary	< 0.5	2.1	26	< 0.3	4.2	< 0.5	0.59	1.4	1.7	< 0.5	2.1	< 0.3
PZ-7B	Intermediate Gaspur	08/11/2011	Primary	< 0.5	5.7	27 J	< 0.5	3.5	< 0.5	< 0.5	3	2.6	< 0.5	2.1	< 0.5
		09/27/2011	Primary	< 0.5	5	39	< 0.5	4.3	< 0.5	< 0.5	2.9	3.2	< 0.5	< 2.6	< 0.5
		12/07/2011	Primary	< 0.5	2.8	37	< 0.5	4	< 0.5	< 0.5	2.8	2.8	< 0.5	2.1	< 0.5
		03/27/2012	Primary	< 0.5	2.4	33	< 0.5	4.5	< 0.5	< 0.5	2.9	2.8	< 0.5	1.9 J	< 0.5
		06/13/2012	Primary	< 0.5	1.1 J	25	< 0.5	2.3	< 0.5	< 0.5	2.6	2	< 0.5	2.1	< 0.5
		12/13/2012	Primary	< 0.5	0.98	32	< 0.5	3.8	0.75	< 0.5	3.5	2.4	< 0.5	< 2	< 0.5
		12/13/2012	Duplicate	< 0.5	0.98	31	< 0.5	3.6	0.73	< 0.5	3.4	2.4	< 0.5	< 2	< 0.5
		06/19/2013	Primary	< 0.5	0.52	34	< 0.3	5.5	0.97	0.36 J	2.4	3	< 0.5	2	< 0.3
		12/11/2013	Primary	< 0.5	0.67	33	0.34 J	6	1	< 0.2	1.9	3.2	< 0.5	1.8 J	< 0.3
		06/11/2014	Primary	< 0.5	0.81	38	< 0.3	6	0.76	< 0.2	1.5	3.8	< 0.5	2.1	< 0.3
		12/17/2014	Primary	< 0.5	0.54	26	< 0.3	4.8	1.2	< 0.2	1.3	1.8	< 0.5	1.5 J	< 0.3
		06/10/2015	Primary	< 0.5	1.3	32	< 0.3	9.6	0.89	0.37 J	3.4	3.6	< 0.5	< 1	< 0.3
		06/10/2015	Duplicate	< 0.5	1.5	30	< 0.3	9.3	0.81	< 0.2	3.4	3.4	< 0.5	< 1	< 0.3
		12/09/2015	Primary	< 0.5	1.2	38	< 0.3	11	1.2	< 0.2	3.2	4.3	< 0.5	< 1	< 0.3
		06/07/2016	Primary	< 0.5	0.95	27	0.3 J	9.9	0.95	< 0.2	2.2	3.3	< 0.5	< 1	< 0.3
		11/29/2016	Primary	< 0.5	1.8	22	< 0.3	7.6	1.6	0.91	1.8	1.1	< 0.5	1.7 J	< 0.3
		11/29/2016	Duplicate	< 0.5	1.9	24	< 0.3	8.4	1.6	0.85	2	1.3	< 0.5	2	< 0.3
		06/07/2017	Primary	< 0.5	0.49 J	3.7	< 0.3	4	8.1	< 0.2	1.1	1.9	< 0.5	< 1	< 0.3
		12/06/2017	Primary	< 0.5	0.6	20	0.35 J	3.7	< 0.5	1.1	0.76	< 0.2	< 0.5	3.8	< 0.3
SAIA-MW1A	Shallow Gaspur	03/27/2014	Primary	< 100	7400 J	3300	< 100	71 J	< 100	21 J	< 100	< 100	< 100	1.6 J	< 100
		08/25/2014	Primary	0.42 J	4800	6900	16	96 J	< 360	17	< 0.5	0.29 J	< 0.5	1.4	< 0.5
		07/14/2016	Primary	< 25	1500	3900	< 25	160	< 25	22 J	< 25	< 25	< 25	< 0.5	< 25
SAIA-MW1B	Intermediate Gaspur	03/27/2014	Primary	< 0.5	17	59	< 0.5	4.6	< 0.5	0.25	0.48 J	< 0.5	< 0.5	1.9	< 0.5
		08/25/2014	Primary	< 0.5	4.3	51	< 0.5	4.6	< 0.5	0.19 J	0.52	< 0.5	0.097 J	2.6	< 0.5
		07/14/2016	Primary	< 0.5	0.84	14	< 0.5	2	< 0.5	< 0.5	0.58	< 0.5	< 0.5	< 0.5	< 0.5
		07/14/2016	Duplicate	< 0.5	0.82	15	< 0.5	2.5	< 0.5	< 0.5	0.64	< 0.5	< 0.5	< 0.5	< 0.5
SAIA-MW1C	Lower Gaspur	03/27/2014	Primary	< 4	420 J	370	< 4	34	< 4	3.9 J	35	< 4	< 4	18	< 4
		08/25/2014	Primary	< 0.5	210	560	6.5	47	1.4	4.2	52	3.7	0.1 J	22	< 0.5
		07/14/2016	Primary	< 0.5	4.4	350	5.3	27	18	2.6	33	3.2	< 0.5	7.3	< 0.5
SAIA-MW2A	Shallow Gaspur	03/27/2014	Primary	< 10	1100 J	2000	< 10	74	< 10	4.8 J	< 10	< 10	< 10	12	< 10
		08/25/2014	Primary	< 0.5	1300	2500	7.7	110 J	5.5	7.2	0.25 J	0.35 J	< 0.5	16	< 0.5
		08/25/2014	Duplicate	< 0.5	1300	2400	7.7	120 J	5.3	7	< 0.5	0.35 J	< 0.5	15	< 0.5
		07/11/2016	Primary	< 2.5	120	1300	6.4	85	< 2.5	5.5	< 2.5	< 2.5	< 2.5	5.3	< 2.5
SAIA-MW2B	Intermediate Gaspur	03/27/2014	Primary	< 0.5	6.8 J	69	< 0.5	7.2	< 0.5	< 0.5	6.6	< 0.5	< 0.5	1.7	< 0.5
		08/25/2014	Primary	< 0.5	2.8	51	0.5	5.9	0.75	0.11 J	5.1	0.2 J	0.23 J	1.3	< 0.5
		07/11/2016	Primary	< 0.5	0.57	10	< 0.5	1.5	< 0.5	< 0.5	0.81	< 0.5	< 0.5	< 0.5	< 0.5

TABLE IX
ANALYTICAL RESULTS FOR CHEMICALS OF CONCERN IN GROUNDWATER SAMPLES
COOPER DRUM COMPANY SUPERFUND SITE
SOUTH GATE, CALIFORNIA

Well ID	Aquifer	Sample Date	Sample Type	PCE µg/L	TCE µg/L	cDCE µg/L	1,1-DCE µg/L	tDCE µg/L	VC µg/L	1,1-DCA µg/L	1,2-DCA µg/L	Benzene µg/L	1,2-DCP µg/L	1,4-Dioxane µg/L	1,2,3-TCP µg/L
SAIA-MW2C	Lower Gaspur	03/27/2014	Primary	< 2	260 J	360	4.7	28	< 2	3	32	6.1	0.19	14	< 2
		08/25/2014	Primary	< 0.5	200	370	5.2	33	3.3	2.8	34	4.7	< 0.5	20	< 0.5
		07/11/2016	Primary	< 0.5	4.7	270 J	3.5 J	19 J	0.87	1.8	33	2.2	< 0.5	15	< 0.5
SAIA-MW3A	Shallow Gaspur	03/24/2014	Primary	< 0.5	9.2	8.9	< 0.5	0.2	< 0.5	0.13	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
		08/26/2014	Primary	< 0.5	3.6	5.8	< 0.5	0.15 J	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.46	< 0.5
		07/13/2016	Primary	< 0.5	0.29 J	1.1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
SAIA-MW3B	Intermediate Gaspur	03/24/2014	Primary	< 25	6700 J	7000	18 J	120	< 25	49	< 25	< 25	< 25	110	< 25
		08/26/2014	Primary	< 0.5	6600	9100	20	230 J	47	72	2.1	1.5	< 0.5	86	< 0.5
		07/13/2016	Primary	< 25	3500	4600	< 25	340	< 25	23 J	< 25	< 25	< 25	3.9	< 25
SAIA-MW3C	Lower Gaspur	03/24/2014	Primary	< 0.5	2.1	38	< 0.5	2.5	< 0.5	0.2	1.8	< 0.5	0.23	1.5	< 0.5
		03/24/2014	Duplicate	< 0.5	2	37	< 0.5	2.5	< 0.5	0.2	1.6	< 0.5	0.25	1.6	< 0.5
		08/26/2014	Primary	< 0.5	6	27	< 0.5	2.6	6.1	0.25 J	2.1	0.085 J	0.27 J	< 0.46	< 0.5
		07/13/2016	Primary	< 0.5	5.7	49	< 0.5	5.4	< 0.5	0.51	2.8	< 0.5	< 0.5	6.1	< 0.5
SAIA-MW4A	Shallow Gaspur	03/25/2014	Primary	< 0.5	0.53	4.7	< 0.5	0.19	< 0.5	0.32	< 0.5	< 0.5	< 0.5	1.6	< 0.5
		08/26/2014	Primary	< 0.5	0.19 J	0.72	< 0.5	< 0.5	< 0.5	0.34 J	< 0.5	< 0.5	< 0.5	1.8	< 0.5
		07/22/2016	Primary	< 0.5	< 0.5	0.16 J	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
SAIA-MW4B	Intermediate Gaspur	03/25/2014	Primary	< 25	790	4200	< 25	130	< 25	15 J	< 25	< 25	< 25	58	< 25
		08/26/2014	Primary	< 0.5	150 J	4800	6.6	180 J	6.5	18	0.72	0.55	< 0.5	60	< 0.5
		08/26/2014	Duplicate	< 0.5	150 J	4800	6.6	180 J	6.5	18	0.69	0.55	< 0.5	59	< 0.5
		07/22/2016	Primary	< 10	6.6 J	4200	< 10	210	< 10	16	< 10	< 10	< 10	62 J	< 10
SAIA-MW4C	Lower Gaspur	03/25/2014	Primary	< 10	3.9 J	910	< 10	53	< 10	3.6 J	< 10	< 10	< 10	14	< 10
		08/26/2014	Primary	< 0.5	3.4	910	1.3	73	11	4.1	2.1	0.19 J	0.3 J	11	< 0.5
		07/22/2016	Primary	< 2.5	2.7	870	< 2.5	120	45	5.9	2 J	< 2.5	< 2.5	7.7	< 2.5
SAIA-MW5A	Shallow Gaspur	03/25/2014	Primary	< 5	1.8 J	530	< 5	21	< 5	< 5	< 5	< 5	< 5	2.4	< 5
		08/27/2014	Primary	< 0.5	1.9	520	0.89	24 J	0.72	0.42 J	< 0.5	< 0.5	< 0.5	2.3	< 0.5
		07/20/2016	Primary	< 0.5	1.3	210	< 0.5	19	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	1	< 0.5
		07/20/2016	Duplicate	< 0.5	1.2	220	0.66	17	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	1.3	< 0.5
SAIA-MW5B	Intermediate Gaspur	03/25/2014	Primary	< 25	380	3100	< 25	98	< 25	< 25	< 25	< 25	< 25	16	< 25
		08/27/2014	Primary	< 0.5	99 J	3600	5.5	120 J	4.5	9.5	0.52	0.36 J	< 0.5	23	< 0.5
		07/21/2016	Primary	< 2.5	3	2100	< 2.5	79	20	6.5	< 2.5	< 2.5	< 2.5	30 J	< 2.5
SAIA-MW5C	Lower Gaspur	03/25/2014	Primary	< 4	6.5	300	< 4	21	< 4	< 4	2 J	< 4	< 4	3.4	< 4
		08/27/2014	Primary	< 0.5	4.8	320	0.8	25	< 0.5	0.64	1.9	0.18 J	0.26 J	3.2	< 0.5
		07/21/2016	Primary	< 0.5	1.6	95	< 0.5	11	< 0.5	< 0.5	1.6	< 0.5	< 0.5	2.4	< 0.5
SAIA-MW6A	Shallow Gaspur	03/24/2014	Primary	< 0.5	0.087	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	0.52	< 0.5
		08/27/2014	Primary	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	0.53	< 0.5
		07/20/2016	Primary	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
SAIA-MW6B	Intermediate Gaspur	03/24/2014	Primary	< 0.5	3.7	13	< 0.5	3.9	< 0.5	< 0.5	0.12	< 0.5	< 0.5	< 0.5	< 0.5
		08/27/2014	Primary	< 0.5	3.6	14	< 0.5	5.1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	0.26 J	< 0.5
		07/20/2016	Primary	< 0.5	2.7	14	< 0.5	3.7	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5

TABLE IX
ANALYTICAL RESULTS FOR CHEMICALS OF CONCERN IN GROUNDWATER SAMPLES
COOPER DRUM COMPANY SUPERFUND SITE
SOUTH GATE, CALIFORNIA

Well ID	Aquifer	Sample Date	Sample Type	PCE µg/L	TCE µg/L	cDCE µg/L	1,1-DCE µg/L	tDCE µg/L	VC µg/L	1,1-DCA µg/L	1,2-DCA µg/L	Benzene µg/L	1,2-DCP µg/L	1,4-Dioxane µg/L	1,2,3-TCP µg/L
SAIA-MW6C	Lower Gaspur	03/24/2014	Primary	< 0.5	**2**	**17**	< 0.5	**2.3**	< 0.5	< 0.5	**0.2**	< 0.5	< 0.5	**0.52**	< 0.5
		08/27/2014	Primary	< 0.5	**2.4**	**21**	< 0.5	**2.8**	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	**0.52**	< 0.5
		07/20/2016	Primary	< 0.5	**2**	**17**	< 0.5	**2.9**	**1.2**	< 0.5	**0.31 J**	< 0.5	< 0.5	< 0.5	< 0.5
SAIA-MW7	Exposition	03/27/2014	Primary	< 0.5	**24 J**	**16**	< 0.5	**1.1**	< 0.5	**0.3**	**0.96**	< 0.5	< 0.5	**1.9**	< 0.5
		03/27/2014	Duplicate	< 0.5	**22 J**	**17**	< 0.5	**1.1**	< 0.5	**0.37**	**1.1**	< 0.5	< 0.5	**2**	< 0.5
		08/25/2014	Primary	< 0.5	**22**	**57**	**0.65**	**2.5**	**1.3**	**0.67**	**1.6**	**0.14 J**	< 0.5	**3.6**	< 0.5
		07/11/2016	Primary	< 0.5	**19**	**73**	< 0.5	**4.8**	< 0.5	**0.84**	**2.9**	< 0.5	< 0.5	**7.9**	< 0.5
SAIA-MW8	Exposition	03/24/2014	Primary	< 0.5	**0.53**	**0.83**	< 0.5	**0.08**	< 0.5	< 0.5	**0.18**	< 0.5	< 0.5	< 0.5	< 0.5
		08/25/2014	Primary	< 0.5	**3.9**	**1.9**	< 0.5	**0.2 J**	< 0.5	< 0.5	**0.62**	< 0.5	< 0.5	**0.16 J**	< 0.5
		07/21/2016	Primary	< 0.5	**1.3**	**2.2**	< 0.5	**0.31 J**	< 0.5	< 0.5	**0.78**	< 0.5	< 0.5	< 0.5	< 0.5

Notes:
1. Results reported in micrograms per liter (µg/L).
2. Samples collected 2010-2012 were reported by AMEC. Analytical results and associated data qualifiers for samples collected prior to 2010 were reported by others.
3. Detected concentrations are shown in **BOLD** font.
4. Estimated and dilution values are shown for April 2005 sampling results.
5. "Split" groundwater samples collected by United States Environmental Protection Agency (U.S. EPA).

Abbreviations:
< = Not detected at or above laboratory reporting limit shown
B = Analyte found in associated method blank as well as in sample
D = Detection associated with sample dilution
DJ = Estimated value; Detection associated with sample dilution
E = Concentration exceeds upper level of instrument calibration range
EJ = Estimated value; concentration exceeds upper level of instrument calibration range
J = Estimated value
NA = Not analyzed
UJ = Estimated value; value is below detection limit
R = Rejected - R qualifiers added during validation indicate a data limitation related to a quality control element that exceeds required acceptance limits.

PCE = Tetrachloroethene
TCE = Trichloroethene
cDCE = cis-1,2-Dichloroethene
1,1-DCE = 1,1-Dichloroethene
tDCE = trans-1,2-Dichloroethene
VC = Vinyl Chloride
1,1-DCA = 1,1-Dichloroethane
1,2-DCA = 1,2-Dichloroethane
1,2-DCP = 1,2-Dichloropropane
1,2,3-TCP = 1,2,3-Trichloropropane

TABLE X
PERCHED GROUNDWATER LEVEL MEASUREMENTS
COOPER DRUM COMPANY SUPERFUND SITE
SOUTH GATE, CALIFORNIA

Well ID	Date Measured	Total Depth (ft bTOC)	Screened Interval (ft bTOC)	Filter Pack Sand Interval (ft bTOC)	TOC Elevation (NAVD88)	Depth to Water (ft bTOC)	Water Column (feet)	Perched Groundwater Elevation (NAVD88)
PZ-5	7/15/2010	49.93	37.0 - 41.4	34.4 - 41.9	106.89	38.20	3.20	68.69
	3/23/2011	49.93	37.0 - 41.4	34.4 - 41.9	106.89	38.44	2.96	68.45
	11/18/2011	49.93	37.0 - 41.4	34.4 - 41.9	106.89	38.80	2.60	68.09
	4/10/2012	49.93	37.0 - 41.4	34.4 - 41.9	106.89	38.96	2.44	67.93
	5/16/2012	49.93	37.0 - 41.4	34.4 - 41.9	106.89	39.00	2.40	67.89
	5/31/2012	49.93	37.0 - 41.4	34.4 - 41.9	106.89	38.94	2.46	67.95
	6/6/2012	49.93	37.0 - 41.4	34.4 - 41.9	106.89	38.95	2.45	67.94
	6/13/2012	49.93	37.0 - 41.4	34.4 - 41.9	106.89	38.84	2.56	68.05
	6/20/2012	49.93	37.0 - 41.4	34.4 - 41.9	106.89	38.80	2.60	68.09
	6/26/2012	49.93	37.0 - 41.4	34.4 - 41.9	106.89	38.77	2.63	68.12
	7/3/2012	49.93	37.0 - 41.4	34.4 - 41.9	106.89	38.74	2.66	68.15
	1/25/2013	49.93	37.0 - 41.4	34.4 - 41.9	106.89	39.14	2.26	67.75
	2/22/2013	49.93	37.0 - 41.4	34.4 - 41.9	106.89	39.15	2.25	67.74
	3/22/2013	49.93	37.0 - 41.4	34.4 - 41.9	106.89	39.20	2.20	67.69
	4/23/2013	49.93	37.0 - 41.4	34.4 - 41.9	106.89	39.25	2.15	67.64
	5/31/2013	49.93	37.0 - 41.4	34.4 - 41.9	106.89	39.31	2.09	67.58
	6/28/2013	49.93	37.0 - 41.4	34.4 - 41.9	106.89	39.33	2.07	67.56
	7/30/2013	49.93	37.0 - 41.4	34.4 - 41.9	106.89	39.35	2.05	67.54
	8/30/2013	49.93	37.0 - 41.4	34.4 - 41.9	106.89	40.16	1.24	66.73
	9/27/2013	49.93	37.0 - 41.4	34.4 - 41.9	106.89	40.23	1.17	66.66
	10/29/2013	49.93	37.0 - 41.4	34.4 - 41.9	106.89	40.35	1.05	66.54
	11/26/2013	49.93	37.0 - 41.4	34.4 - 41.9	106.89	40.51	0.89	66.38
	12/23/2013	49.93	37.0 - 41.4	34.4 - 41.9	106.89	40.51	0.89	66.38
	1/31/2014	49.93	37.0 - 41.4	34.4 - 41.9	106.89	40.55	0.85	66.34
	2/28/2014	49.93	37.0 - 41.4	34.4 - 41.9	106.89	40.39	1.01	66.50
	3/28/2014	49.93	37.0 - 41.4	34.4 - 41.9	106.89	40.23	1.17	66.66
	4/29/2014	49.93	37.0 - 41.4	34.4 - 41.9	106.89	40.23	1.17	66.66
	5/27/2014	49.93	37.0 - 41.4	34.4 - 41.9	106.89	40.23	1.17	66.66
	6/24/2014	49.93	37.0 - 41.4	34.4 - 41.9	106.89	40.23	1.17	66.66
	7/30/2014	49.93	37.0 - 41.4	34.4 - 41.9	106.89	40.56	0.84	66.33
	8/27/2014	49.93	37.0 - 41.4	34.4 - 41.9	106.89	40.99	0.41	65.90
	9/24/2014	49.93	37.0 - 41.4	34.4 - 41.9	106.89	41.37	0.03	65.52
	10/30/2014	49.93	37.0 - 41.4	34.4 - 41.9	106.89	41.38	0.02	65.51
	11/24/2014	49.93	37.0 - 41.4	34.4 - 41.9	106.89	41.4	0	65.49
	12/9/2014	49.93	37.0 - 41.4	34.4 - 41.9	106.89	44	Dry	Dry
	1/20/2015	49.93	37.0 - 41.4	34.4 - 41.9	106.89	45.3	Dry	Dry
	2/17/2015	49.93	37.0 - 41.4	34.4 - 41.9	106.89	48	Dry	Dry
	3/26/2015	49.93	37.0 - 41.4	34.4 - 41.9	106.89	49	Dry	Dry
	4/14/2015	49.93	37.0 - 41.4	34.4 - 41.9	106.89	49.75	Dry	Dry
	5/27/2015	49.93	37.0 - 41.4	34.4 - 41.9	106.89	49.75	Dry	Dry
	6/18/2015	49.93	37.0 - 41.4	34.4 - 41.9	106.89	49.75	Dry	Dry
	7/30/2015	49.93	37.0 - 41.4	34.4 - 41.9	106.89	49.75	Dry	Dry
	8/26/2015	49.93	37.0 - 41.4	34.4 - 41.9	106.89	49.75	Dry	Dry
	9/29/2015	49.93	37.0 - 41.4	34.4 - 41.9	106.89	49.75	Dry	Dry
	10/28/2015	49.93	37.0 - 41.4	34.4 - 41.9	106.89	49.75	Dry	Dry
	11/18/2015	49.93	37.0 - 41.4	34.4 - 41.9	106.89	49.75	Dry	Dry
	12/30/2015	49.93	37.0 - 41.4	34.4 - 41.9	106.89	49.75	Dry	Dry
	1/27/2016	49.93	37.0 - 41.4	34.4 - 41.9	106.89	49.75	Dry	Dry
	3/23/2016	49.93	37.0 - 41.4	34.4 - 41.9	106.89	49.75	Dry	Dry
	6/22/2016	49.93	37.0 - 41.4	34.4 - 41.9	106.89	49.75	Dry	Dry
	8/31/2016	49.93	37.0 - 41.4	34.4 - 41.9	106.89	49.75	Dry	Dry
	12/27/2016	49.93	37.0 - 41.4	34.4 - 41.9	106.89	49.75	Dry	Dry
	3/29/2017	49.93	37.0 - 41.4	34.4 - 41.9	106.89	49.75	Dry	Dry
	6/28/2017	49.93	37.0 - 41.4	34.4 - 41.9	106.89	49.75	Dry	Dry
	9/27/2017	49.93	37.0 - 41.4	34.4 - 41.9	106.89	49.75	Dry	Dry
	12/27/2017	49.93	37.0 - 41.4	34.4 - 41.9	106.89	49.75	Dry	Dry
PZ-6	7/15/2010	44.7	36.9 - 41.3	34.2 - 41.7	106.74	38.33	2.97	68.41
	3/23/2011	44.7	36.9 - 41.3	34.2 - 41.7	106.74	38.65	2.65	68.09
	11/18/2011	44.7	36.9 - 41.3	34.2 - 41.7	106.74	38.95	2.35	67.79
	4/10/2012	44.7	36.9 - 41.3	34.2 - 41.7	106.74	39.07	2.23	67.67
	5/16/2012	44.7	36.9 - 41.3	34.2 - 41.7	106.74	39.1	2.2	67.64
	5/31/2012	44.7	36.9 - 41.3	34.2 - 41.7	106.74	39.18	2.12	67.56
	6/6/2012	44.7	36.9 - 41.3	34.2 - 41.7	106.74	39.45	1.85	67.29
	6/13/2012	44.7	36.9 - 41.3	34.2 - 41.7	106.74	39.1	2.2	67.64
	6/20/2012	44.7	36.9 - 41.3	34.2 - 41.7	106.74	39.18	2.12	67.56
	6/26/2012	44.7	36.9 - 41.3	34.2 - 41.7	106.74	39.04	2.26	67.70
	7/3/2012	44.7	36.9 - 41.3	34.2 - 41.7	106.74	38.82	2.48	67.92
	1/25/2013	44.7	36.9 - 41.3	34.2 - 41.7	106.74	39.25	2.05	67.49
	2/22/2013	44.7	36.9 - 41.3	34.2 - 41.7	106.74	39.30	2.00	67.44
	3/22/2013	44.7	36.9 - 41.3	34.2 - 41.7	106.74	39.39	1.91	67.35
	4/23/2013	44.7	36.9 - 41.3	34.2 - 41.7	106.74	39.4	1.9	67.34
	5/31/2013	44.7	36.9 - 41.3	34.2 - 41.7	106.74	39.5	1.8	67.24
	6/28/2013	44.7	36.9 - 41.3	34.2 - 41.7	106.74	39.5	1.8	67.24
	7/30/2013	44.7	36.9 - 41.3	34.2 - 41.7	106.74	39.51	1.79	67.23

TABLE X
PERCHED GROUNDWATER LEVEL MEASUREMENTS
COOPER DRUM COMPANY SUPERFUND SITE
SOUTH GATE, CALIFORNIA

Well ID	Date Measured	Total Depth (ft bTOC)	Screened Interval (ft bTOC)	Filter Pack Sand Interval (ft bTOC)	TOC Elevation (NAVD88)	Depth to Water (ft bTOC)	Water Column (feet)	Perched Groundwater Elevation (NAVD88)
PZ-6	8/30/2013	44.7	36.9 - 41.3	34.2 - 41.7	106.74	40.19	1.11	66.55
	9/27/2013	44.7	36.9 - 41.3	34.2 - 41.7	106.74	40.26	1.04	66.64
	10/29/2013	44.7	36.9 - 41.3	34.2 - 41.7	106.74	40.16	1.14	66.58
	11/26/2013	44.7	36.9 - 41.3	34.2 - 41.7	106.74	40.31	0.99	66.43
	12/23/2013	44.7	36.9 - 41.3	34.2 - 41.7	106.74	40.51	0.79	66.23
	1/31/2014	44.7	36.9 - 41.3	34.2 - 41.7	106.74	40.52	0.78	66.22
	2/28/2014	44.7	36.9 - 41.3	34.2 - 41.7	106.74	40.55	0.75	66.19
	3/28/2014	44.7	36.9 - 41.3	34.2 - 41.7	106.74	40.58	0.72	66.16
	4/29/2014	44.7	36.9 - 41.3	34.2 - 41.7	106.74	40.58	0.72	66.16
	5/27/2014	44.7	36.9 - 41.3	34.2 - 41.7	106.74	40.58	0.72	66.16
	6/24/2014	44.7	36.9 - 41.3	34.2 - 41.7	106.74	40.58	0.72	66.16
	7/30/2014	44.7	36.9 - 41.3	34.2 - 41.7	106.74	40.69	0.61	66.05
	8/27/2014	44.7	36.9 - 41.3	34.2 - 41.7	106.74	41.12	0.18	65.62
	9/24/2014	44.7	36.9 - 41.3	34.2 - 41.7	106.74	41.25	0.05	65.49
	10/30/2014	44.7	36.9 - 41.3	34.2 - 41.7	106.74	41.28	0.02	65.46
	11/24/2014	44.7	36.9 - 41.3	34.2 - 41.7	106.74	41.3	Dry	Dry
	12/9/2014	44.7	36.9 - 41.3	34.2 - 41.7	106.74	41.3	Dry	Dry
	1/20/2015	44.7	36.9 - 41.3	34.2 - 41.7	106.74	41.3	Dry	Dry
	2/17/2015	44.7	36.9 - 41.3	34.2 - 41.7	106.74	42.5	Dry	Dry
	3/26/2015	44.7	36.9 - 41.3	34.2 - 41.7	106.74	42.89	Dry	Dry
	4/14/2015	44.7	36.9 - 41.3	34.2 - 41.7	106.74	43.5	Dry	Dry
	5/27/2015	44.7	36.9 - 41.3	34.2 - 41.7	106.74	44	Dry	Dry
	6/18/2015	44.7	36.9 - 41.3	34.2 - 41.7	106.74	44.55	Dry	Dry
	7/30/2015	44.7	36.9 - 41.3	34.2 - 41.7	106.74	44.55	Dry	Dry
	8/26/2015	44.7	36.9 - 41.3	34.2 - 41.7	106.74	44.55	Dry	Dry
	9/29/2015	44.7	36.9 - 41.3	34.2 - 41.7	106.74	44.55	Dry	Dry
	10/28/2015	44.7	36.9 - 41.3	34.2 - 41.7	106.74	44.55	Dry	Dry
	11/18/2015	44.7	36.9 - 41.3	34.2 - 41.7	106.74	44.55	Dry	Dry
	12/30/2015	44.7	36.9 - 41.3	34.2 - 41.7	106.74	44.55	Dry	Dry
	1/27/2016	44.7	36.9 - 41.3	34.2 - 41.7	106.74	44.55	Dry	Dry
	3/23/2016	44.7	36.9 - 41.3	34.2 - 41.7	106.74	44.55	Dry	Dry
	6/22/2016	44.7	36.9 - 41.3	34.2 - 41.7	106.74	44.55	Dry	Dry
	8/31/2016	44.7	36.9 - 41.3	34.2 - 41.7	106.74	44.55	Dry	Dry
	12/27/2016	44.7	36.9 - 41.3	34.2 - 41.7	106.74	44.55	Dry	Dry
	3/29/2017	44.7	36.9 - 41.3	34.2 - 41.7	106.74	44.55	Dry	Dry
	6/28/2017	44.7	36.9 - 41.3	34.2 - 41.7	106.74	44.55	Dry	Dry
	9/27/2017	44.7	36.9 - 41.3	34.2 - 41.7	106.74	44.55	Dry	Dry
	12/27/2017	44.7	36.9 - 41.3	34.2 - 41.7	106.74	44.55	Dry	Dry
VP-7D	1/26/2011	48.8	38.8 - 39.3	33.3 - 39.8	106.00	38.31	0.99	67.69
	11/18/2011	48.8	38.8 - 39.3	33.3 - 39.8	106.00	38.58	0.72	67.42
	4/10/2012	48.8	38.8 - 39.3	33.3 - 39.8	106.00	38.75	0.55	67.25
	5/11/2012	48.8	38.8 - 39.3	33.3 - 39.8	106.00	Dry	Dry	Dry
	5/16/2012	48.8	38.8 - 39.3	33.3 - 39.8	106.00	38.85	0.45	67.15
	5/31/2012	48.8	38.8 - 39.3	33.3 - 39.8	106.00	39	0.30	67.00
	6/6/2012	48.8	38.8 - 39.3	33.3 - 39.8	106.00	38.76	0.54	67.24
	6/13/2012	48.8	38.8 - 39.3	33.3 - 39.8	106.00	39.15	0.15	66.85
	6/20/2012	48.8	38.8 - 39.3	33.3 - 39.8	106.00	38.77	0.53	67.23
	6/26/2012	48.8	38.8 - 39.3	33.3 - 39.8	106.00	38.70	0.60	67.30
	7/3/2012	48.8	38.8 - 39.3	33.3 - 39.8	106.00	38.28	1.02	67.72
	1/25/2013	48.8	38.8 - 39.3	33.3 - 39.8	106.00	NM	NM	NM
	2/22/2013	48.8	38.8 - 39.3	33.3 - 39.8	106.00	NM	NM	NM
	3/22/2013	48.8	38.8 - 39.3	33.3 - 39.8	106.00	NM	NM	NM
	4/23/2013	48.8	38.8 - 39.3	33.3 - 39.8	106.00	NM	NM	NM
	5/31/2013	48.8	38.8 - 39.3	33.3 - 39.8	106.00	NM	NM	NM
	6/28/2013	48.8	38.8 - 39.3	33.3 - 39.8	106.00	NM	NM	NM
	7/30/2013	48.8	38.8 - 39.3	33.3 - 39.8	106.00	NM	NM	NM
	8/30/2013	48.8	38.8 - 39.3	33.3 - 39.8	106.00	NM	NM	NM
	9/27/2013	48.8	38.8 - 39.3	33.3 - 39.8	106.00	NM	NM	NM
	10/29/2013	48.8	38.8 - 39.3	33.3 - 39.8	106.00	NM	NM	NM
	11/26/2013	48.8	38.8 - 39.3	33.3 - 39.8	106.00	NM	NM	NM
	12/23/2013	48.8	38.8 - 39.3	33.3 - 39.8	106.00	38.45	0.85	67.55
	1/31/2014	48.8	38.8 - 39.3	33.3 - 39.8	106.00	38.85	0.45	67.15
	2/28/2014	48.8	38.8 - 39.3	33.3 - 39.8	106.00	39.01	0.29	66.99
	3/28/2014	48.8	38.8 - 39.3	33.3 - 39.8	106.00	Dry	Dry	Dry
	4/29/2014	48.8	38.8 - 39.3	33.3 - 39.8	106.00	Dry	Dry	Dry
	5/27/2014	48.8	38.8 - 39.3	33.3 - 39.8	106.00	Dry	Dry	Dry
	6/24/2014	48.8	38.8 - 39.3	33.3 - 39.8	106.00	Dry	Dry	Dry
	7/30/2014	48.8	38.8 - 39.3	33.3 - 39.8	106.00	Dry	Dry	Dry
	8/27/2014	48.8	38.8 - 39.3	33.3 - 39.8	106.00	Dry	Dry	Dry
	9/24/2014	48.8	38.8 - 39.3	33.3 - 39.8	106.00	Dry	Dry	Dry
	10/30/2014	48.8	38.8 - 39.3	33.3 - 39.8	106.00	Dry	Dry	Dry
	11/24/2014	48.8	38.8 - 39.3	33.3 - 39.8	106.00	Dry	Dry	Dry
	12/9/2014	48.8	38.8 - 39.3	33.3 - 39.8	106.00	Dry	Dry	Dry
	1/20/2015	48.8	38.8 - 39.3	33.3 - 39.8	106.00	Dry	Dry	Dry

TABLE X
PERCHED GROUNDWATER LEVEL MEASUREMENTS
COOPER DRUM COMPANY SUPERFUND SITE
SOUTH GATE, CALIFORNIA

Well ID	Date Measured	Total Depth (ft bTOC)	Screened Interval (ft bTOC)	Filter Pack Sand Interval (ft bTOC)	TOC Elevation (NAVD88)	Depth to Water (ft bTOC)	Water Column (feet)	Perched Groundwater Elevation (NAVD88)
VP-7D	2/17/2015	48.8	38.8 - 39.3	33.3 - 39.8	106.00	Dry	Dry	Dry
	3/26/2015	48.8	38.8 - 39.3	33.3 - 39.8	106.00	Dry	Dry	Dry
	4/14/2015	48.8	38.8 - 39.3	33.3 - 39.8	106.00	Dry	Dry	Dry
	5/27/2015	48.8	38.8 - 39.3	33.3 - 39.8	106.00	Dry	Dry	Dry
	6/18/2015	48.8	38.8 - 39.3	33.3 - 39.8	106.00	Dry	Dry	Dry
	7/30/2015	48.8	38.8 - 39.3	33.3 - 39.8	106.00	Dry	Dry	Dry
	8/26/2015	48.8	38.8 - 39.3	33.3 - 39.8	106.00	Dry	Dry	Dry
	9/29/2015	48.8	38.8 - 39.3	33.3 - 39.8	106.00	Dry	Dry	Dry
	10/28/2015	48.8	38.8 - 39.3	33.3 - 39.8	106.00	Dry	Dry	Dry
	11/18/2015	48.8	38.8 - 39.3	33.3 - 39.8	106.00	Dry	Dry	Dry
	12/30/2015	48.8	38.8 - 39.3	33.3 - 39.8	106.00	Dry	Dry	Dry
	1/27/2016	48.8	38.8 - 39.3	33.3 - 39.8	106.00	Dry	Dry	Dry
	3/23/2016	48.8	38.8 - 39.3	33.3 - 39.8	106.00	Dry	Dry	Dry
	6/22/2016	48.8	38.8 - 39.3	33.3 - 39.8	106.00	Dry	Dry	Dry
	8/31/2016	48.8	38.8 - 39.3	33.3 - 39.8	106.00	Dry	Dry	Dry
	12/27/2016	48.8	38.8 - 39.3	33.3 - 39.8	106.00	Dry	Dry	Dry
	3/29/2017	49.8	38.8 - 39.4	33.3 - 39.9	107.00	Dry	Dry	Dry
	6/28/2017	50.8	38.8 - 39.5	33.3 - 39.10	108.00	Dry	Dry	Dry
	9/27/2017	50.8	38.8 - 39.5	33.3 - 39.10	108.00	Dry	Dry	Dry
	12/27/2017	50.8	38.8 - 39.5	33.3 - 39.10	108.00	Dry	Dry	Dry
VP-7E	1/26/2011	48.8	37.3 - 37.8	33.3 - 39.8	106.00	Dry	Dry	Dry
	3/23/2011	48.8	37.3 - 37.8	33.3 - 39.8	106.00	Dry	Dry	Dry
	11/18/2011	48.8	37.3 - 37.8	33.3 - 39.8	106.00	Dry	Dry	Dry
	4/10/2012	48.8	37.3 - 37.8	33.3 - 39.8	106.00	Dry	Dry	Dry
	5/11/2012	48.8	37.3 - 37.8	33.3 - 39.8	106.00	Dry	Dry	Dry
	5/16/2012	48.8	37.3 - 37.8	33.3 - 39.8	106.00	Dry	Dry	Dry
	5/31/2012	48.8	37.3 - 37.8	33.3 - 39.8	106.00	Dry	Dry	Dry
	6/6/2012	48.8	37.3 - 37.8	33.3 - 39.8	106.00	Dry	Dry	Dry
	6/13/2012	48.8	37.3 - 37.8	33.3 - 39.8	106.00	Dry	Dry	Dry
	6/20/2012	48.8	37.3 - 37.8	33.3 - 39.8	106.00	Dry	Dry	Dry
	6/26/2012	48.8	37.3 - 37.8	33.3 - 39.8	106.00	Dry	Dry	Dry
	7/3/2012	48.8	37.3 - 37.8	33.3 - 39.8	106.00	Dry	Dry	Dry
	1/25/2013	48.8	37.3 - 37.8	33.3 - 39.8	106.00	NM	NM	NM
	2/22/2013	48.8	37.3 - 37.8	33.3 - 39.8	106.00	NM	NM	NM
	3/22/2013	48.8	37.3 - 37.8	33.3 - 39.8	106.00	NM	NM	NM
	4/23/2013	48.8	37.3 - 37.8	33.3 - 39.8	106.00	NM	NM	NM
	5/31/2013	48.8	37.3 - 37.8	33.3 - 39.8	106.00	NM	NM	NM
	6/28/2013	48.8	37.3 - 37.8	33.3 - 39.8	106.00	Dry	Dry	Dry
	7/30/2013	48.8	37.3 - 37.8	33.3 - 39.8	106.00	Dry	Dry	Dry
	8/30/2013	48.8	37.3 - 37.8	33.3 - 39.8	106.00	Dry	Dry	Dry
	9/27/2013	48.8	37.3 - 37.8	33.3 - 39.8	106.00	Dry	Dry	Dry
	10/29/2013	48.8	37.3 - 37.8	33.3 - 39.8	106.00	Dry	Dry	Dry
	11/26/2013	48.8	37.3 - 37.8	33.3 - 39.8	106.00	Dry	Dry	Dry
	12/23/2013	48.8	37.3 - 37.8	33.3 - 39.8	106.00	Dry	Dry	Dry
	1/31/2014	48.8	37.3 - 37.8	33.3 - 39.8	106.00	Dry	Dry	Dry
	2/28/2014	48.8	37.3 - 37.8	33.3 - 39.8	106.00	Dry	Dry	Dry
	3/28/2014	48.8	37.3 - 37.8	33.3 - 39.8	106.00	Dry	Dry	Dry
	4/29/2014	48.8	37.3 - 37.8	33.3 - 39.8	106.00	Dry	Dry	Dry
	5/27/2014	48.8	37.3 - 37.8	33.3 - 39.8	106.00	Dry	Dry	Dry
	6/24/2014	48.8	37.3 - 37.8	33.3 - 39.8	106.00	Dry	Dry	Dry
	7/30/2014	48.8	37.3 - 37.8	33.3 - 39.8	106.00	Dry	Dry	Dry
	8/27/2014	48.8	37.3 - 37.8	33.3 - 39.8	106.00	Dry	Dry	Dry
	9/24/2014	48.8	37.3 - 37.8	33.3 - 39.8	106.00	Dry	Dry	Dry
	10/30/2014	48.8	37.3 - 37.8	33.3 - 39.8	106.00	Dry	Dry	Dry
	11/24/2014	48.8	37.3 - 37.8	33.3 - 39.8	106.00	Dry	Dry	Dry
	12/9/2014	48.8	37.3 - 37.8	33.3 - 39.8	106.00	Dry	Dry	Dry
	1/20/2015	48.8	37.3 - 37.8	33.3 - 39.8	106.00	Dry	Dry	Dry
	2/17/2015	48.8	37.3 - 37.8	33.3 - 39.8	106.00	Dry	Dry	Dry
	3/26/2015	48.8	37.3 - 37.8	33.3 - 39.8	106.00	Dry	Dry	Dry
	4/14/2015	48.8	37.3 - 37.8	33.3 - 39.8	106.00	Dry	Dry	Dry
	5/27/2015	48.8	37.3 - 37.8	33.3 - 39.8	106.00	Dry	Dry	Dry
	6/18/2015	48.8	37.3 - 37.8	33.3 - 39.8	106.00	Dry	Dry	Dry
	7/30/2015	48.8	37.3 - 37.8	33.3 - 39.8	106.00	Dry	Dry	Dry
	8/26/2015	48.8	37.3 - 37.8	33.3 - 39.8	106.00	Dry	Dry	Dry
	9/29/2015	48.8	37.3 - 37.8	33.3 - 39.8	106.00	Dry	Dry	Dry
	10/28/2015	48.8	37.3 - 37.8	33.3 - 39.8	106.00	Dry	Dry	Dry
	11/18/2015	48.8	37.3 - 37.8	33.3 - 39.8	106.00	Dry	Dry	Dry
	12/30/2015	48.8	37.3 - 37.8	33.3 - 39.8	106.00	Dry	Dry	Dry
	1/27/2016	48.8	37.3 - 37.8	33.3 - 39.8	106.00	Dry	Dry	Dry
	3/23/2016	48.8	37.3 - 37.8	33.3 - 39.8	106.00	Dry	Dry	Dry
	6/22/2016	48.8	37.3 - 37.8	33.3 - 39.8	106.00	Dry	Dry	Dry
	8/31/2016	48.8	37.3 - 37.8	33.3 - 39.8	106.00	Dry	Dry	Dry
	12/27/2016	48.8	37.3 - 37.8	33.3 - 39.8	106.00	Dry	Dry	Dry
	3/29/2017	48.8	37.3 - 37.8	33.3 - 39.8	106.00	Dry	Dry	Dry

TABLE X
PERCHED GROUNDWATER LEVEL MEASUREMENTS
COOPER DRUM COMPANY SUPERFUND SITE
SOUTH GATE, CALIFORNIA

Well ID	Date Measured	Total Depth (ft bTOC)	Screened Interval (ft bTOC)	Filter Pack Sand Interval (ft bTOC)	TOC Elevation (NAVD88)	Depth to Water (ft bTOC)	Water Column (feet)	Perched Groundwater Elevation (NAVD88)
VP-7E	6/28/2017	48.8	37.3 - 37.8	33.3 - 39.8	106.00	Dry	Dry	Dry
	9/27/2017	48.8	37.3 - 37.8	33.3 - 39.8	106.00	Dry	Dry	Dry
	12/27/2017	48.8	37.3 - 37.8	33.3 - 39.8	106.00	Dry	Dry	Dry
VP-7F	1/26/2011	48.8	41.3 - 41.8	40.8 - 47.3	106.00	40.38	1.42	65.62
	3/23/2011	48.8	41.3 - 41.8	40.8 - 47.3	106.00	40.35	1.45	65.65
	11/18/2011	48.8	41.3 - 41.8	40.8 - 47.3	106.00	40.15	1.65	65.85
	4/10/2012	48.8	41.3 - 41.8	40.8 - 47.3	106.00	40.28	1.52	65.72
	5/11/2012	48.8	41.3 - 41.8	40.8 - 47.3	106.00	41.60	0.20	64.40
	5/16/2012	48.8	41.3 - 41.8	40.8 - 47.3	106.00	41.38	0.42	64.62
	5/31/2012	48.8	41.3 - 41.8	40.8 - 47.3	106.00	40.71	1.09	65.29
	6/6/2012	48.8	41.3 - 41.8	40.8 - 47.3	106.00	Dry	Dry	Dry
	6/13/2012	48.8	41.3 - 41.8	40.8 - 47.3	106.00	Dry	Dry	Dry
	6/20/2012	48.8	41.3 - 41.8	40.8 - 47.3	106.00	Dry	Dry	Dry
	6/26/2012	48.8	41.3 - 41.8	40.8 - 47.3	106.00	Dry	Dry	Dry
	7/3/2012	48.8	41.3 - 41.8	40.8 - 47.3	106.00	Dry	Dry	Dry
	1/25/2013	48.8	41.3 - 41.8	40.8 - 47.3	106.00	NM	NM	NM
	2/22/2013	48.8	41.3 - 41.8	40.8 - 47.3	106.00	NM	NM	NM
	3/22/2013	48.8	41.3 - 41.8	40.8 - 47.3	106.00	NM	NM	NM
	4/23/2013	48.8	41.3 - 41.8	40.8 - 47.3	106.00	NM	NM	NM
	5/31/2013	48.8	41.3 - 41.8	40.8 - 47.3	106.00	NM	NM	NM
	6/28/2013	48.8	41.3 - 41.8	40.8 - 47.3	106.00	Dry	Dry	Dry
	7/30/2013	48.8	41.3 - 41.8	40.8 - 47.3	106.00	Dry	Dry	Dry
	8/30/2013	48.8	41.3 - 41.8	40.8 - 47.3	106.00	Dry	Dry	Dry
	9/27/2013	48.8	41.3 - 41.8	40.8 - 47.3	106.00	Dry	Dry	Dry
	10/29/2013	48.8	41.3 - 41.8	40.8 - 47.3	106.00	Dry	Dry	Dry
	11/26/2013	48.8	41.3 - 41.8	40.8 - 47.3	106.00	Dry	Dry	Dry
	12/23/2013	48.8	41.3 - 41.8	40.8 - 47.3	106.00	Dry	Dry	Dry
	1/31/2014	48.8	41.3 - 41.8	40.8 - 47.3	106.00	Dry	Dry	Dry
	2/28/2014	48.8	41.3 - 41.8	40.8 - 47.3	106.00	Dry	Dry	Dry
	3/28/2014	48.8	41.3 - 41.8	40.8 - 47.3	106.00	Dry	Dry	Dry
	4/29/2014	48.8	41.3 - 41.8	40.8 - 47.3	106.00	Dry	Dry	Dry
	5/27/2014	48.8	41.3 - 41.8	40.8 - 47.3	106.00	Dry	Dry	Dry
	6/24/2014	48.8	41.3 - 41.8	40.8 - 47.3	106.00	Dry	Dry	Dry
	7/30/2014	48.8	41.3 - 41.8	40.8 - 47.3	106.00	Dry	Dry	Dry
	8/27/2014	48.8	41.3 - 41.8	40.8 - 47.3	106.00	Dry	Dry	Dry
	9/24/2014	48.8	41.3 - 41.8	40.8 - 47.3	106.00	Dry	Dry	Dry
	10/30/2014	48.8	41.3 - 41.8	40.8 - 47.3	106.00	Dry	Dry	Dry
	11/24/2014	48.8	41.3 - 41.8	40.8 - 47.3	106.00	Dry	Dry	Dry
	12/9/2014	48.8	41.3 - 41.8	40.8 - 47.3	106.00	Dry	Dry	Dry
	1/20/2015	48.8	41.3 - 41.8	40.8 - 47.3	106.00	Dry	Dry	Dry
	2/17/2015	48.8	41.3 - 41.8	40.8 - 47.3	106.00	Dry	Dry	Dry
	3/26/2015	48.8	41.3 - 41.8	40.8 - 47.3	106.00	Dry	Dry	Dry
	4/14/2015	48.8	41.3 - 41.8	40.8 - 47.3	106.00	Dry	Dry	Dry
	5/27/2015	48.8	41.3 - 41.8	40.8 - 47.3	106.00	Dry	Dry	Dry
	6/18/2015	48.8	41.3 - 41.8	40.8 - 47.3	106.00	Dry	Dry	Dry
	7/30/2015	48.8	41.3 - 41.8	40.8 - 47.3	106.00	Dry	Dry	Dry
	8/26/2015	48.8	41.3 - 41.8	40.8 - 47.3	106.00	Dry	Dry	Dry
	9/29/2015	48.8	41.3 - 41.8	40.8 - 47.3	106.00	Dry	Dry	Dry
	10/28/2015	48.8	41.3 - 41.8	40.8 - 47.3	106.00	Dry	Dry	Dry
	11/18/2015	48.8	41.3 - 41.8	40.8 - 47.3	106.00	Dry	Dry	Dry
	12/30/2015	48.8	41.3 - 41.8	40.8 - 47.3	106.00	Dry	Dry	Dry
	1/27/2016	48.8	41.3 - 41.8	40.8 - 47.3	106.00	Dry	Dry	Dry
	3/23/2016	48.8	41.3 - 41.8	40.8 - 47.3	106.00	Dry	Dry	Dry
	6/22/2016	48.8	41.3 - 41.8	40.8 - 47.3	106.00	Dry	Dry	Dry
	8/31/2016	48.8	41.3 - 41.8	40.8 - 47.3	106.00	Dry	Dry	Dry
	12/27/2016	48.8	41.3 - 41.8	40.8 - 47.3	106.00	Dry	Dry	Dry
	3/29/2017	48.8	41.3 - 41.8	40.8 - 47.3	106.00	Dry	Dry	Dry
	6/28/2017	48.8	41.3 - 41.8	40.8 - 47.3	106.00	Dry	Dry	Dry
	9/27/2017	48.8	41.3 - 41.8	40.8 - 47.3	106.00	Dry	Dry	Dry
	12/27/2017	48.8	41.3 - 41.8	40.8 - 47.3	106.00	Dry	Dry	Dry
VP-7G	1/26/2011	48.8	46.3 - 46.8	40.8 - 47.3	106.00	40.11	6.69	65.89
	3/23/2011	48.8	46.3 - 46.8	40.8 - 47.3	106.00	43.41	3.39	62.59
	11/18/2011	48.8	46.3 - 46.8	40.8 - 47.3	106.00	42.1	4.70	63.90
	4/10/2012	48.8	46.3 - 46.8	40.8 - 47.3	106.00	42.88	3.92	63.12
	5/11/2012	48.8	46.3 - 46.8	40.8 - 47.3	106.00	42.81	3.99	63.19
	5/16/2012	48.8	46.3 - 46.8	40.8 - 47.3	106.00	42.78	4.02	63.22
	5/31/2012	48.8	46.3 - 46.8	40.8 - 47.3	106.00	42.75	4.05	63.25
	6/6/2012	48.8	46.3 - 46.8	40.8 - 47.3	106.00	42.77	4.03	63.23
	6/13/2012	48.8	46.3 - 46.8	40.8 - 47.3	106.00	42.75	4.05	63.25
	6/20/2012	48.8	46.3 - 46.8	40.8 - 47.3	106.00	42.75	4.05	63.25
	6/26/2012	48.8	46.3 - 46.8	40.8 - 47.3	106.00	41.5	5.30	64.50
	7/3/2012	48.8	46.3 - 46.8	40.8 - 47.3	106.00	42.76	4.04	63.24
	1/25/2013	48.8	46.3 - 46.8	40.8 - 47.3	106.00	37.96	8.84	68.04
	2/22/2013	48.8	46.3 - 46.8	40.8 - 47.3	106.00	38	8.80	68.00

TABLE X
PERCHED GROUNDWATER LEVEL MEASUREMENTS
COOPER DRUM COMPANY SUPERFUND SITE
SOUTH GATE, CALIFORNIA

Well ID	Date Measured	Total Depth (ft bTOC)	Screened Interval (ft bTOC)	Filter Pack Sand Interval (ft bTOC)	TOC Elevation (NAVD88)	Depth to Water (ft bTOC)	Water Column (feet)	Perched Groundwater Elevation (NAVD88)
VP-7G	3/22/2013	48.8	46.3 - 46.8	40.8 - 47.3	106.00	38.05	8.75	67.95
	4/23/2013	48.8	46.3 - 46.8	40.8 - 47.3	106.00	38.1	8.70	67.90
	5/31/2013	48.8	46.3 - 46.8	40.8 - 47.3	106.00	38.15	8.65	67.85
	6/28/2013	48.8	46.3 - 46.8	40.8 - 47.3	106.00	38.21	8.59	67.79
	7/30/2013	48.8	46.3 - 46.8	40.8 - 47.3	106.00	38.22	8.58	67.78
	8/30/2013	48.8	46.3 - 46.8	40.8 - 47.3	106.00	39.33	7.47	66.67
	9/27/2013	48.8	46.3 - 46.8	40.8 - 47.3	106.00	39.56	7.24	66.44
	10/29/2013	48.8	46.3 - 46.8	40.8 - 47.3	106.00	39.66	7.14	66.34
	11/26/2013	48.8	46.3 - 46.8	40.8 - 47.3	106.00	39.71	7.09	66.29
	12/23/2013	48.8	46.3 - 46.8	40.8 - 47.3	106.00	39.78	7.02	66.22
	1/31/2014	48.8	46.3 - 46.8	40.8 - 47.3	106.00	40.26	6.54	65.74
	2/28/2014	48.8	46.3 - 46.8	40.8 - 47.3	106.00	41.32	5.48	64.68
	3/28/2014	48.8	46.3 - 46.8	40.8 - 47.3	106.00	42.16	4.64	63.84
	4/29/2014	48.8	46.3 - 46.8	40.8 - 47.3	106.00	42.47	4.33	63.53
	5/27/2014	48.8	46.3 - 46.8	40.8 - 47.3	106.00	42.66	4.14	63.34
	6/24/2014	48.8	46.3 - 46.8	40.8 - 47.3	106.00	43.05	3.75	62.95
	7/30/2014	48.8	46.3 - 46.8	40.8 - 47.3	106.00	43.55	3.25	62.45
	8/27/2014	48.8	46.3 - 46.8	40.8 - 47.3	106.00	43.72	3.08	62.28
	9/24/2014	48.8	46.3 - 46.8	40.8 - 47.3	106.00	44.00	2.80	62.00
	10/30/2014	48.8	46.3 - 46.8	40.8 - 47.3	106.00	44.26	2.54	61.74
	11/24/2014	48.8	46.3 - 46.8	40.8 - 47.3	106.00	44.59	2.21	61.41
	12/9/2014	48.8	46.3 - 46.8	40.8 - 47.3	106.00	45.00	1.80	61.00
	1/20/2015	48.8	46.3 - 46.8	40.8 - 47.3	106.00	46.00	0.80	60.00
	2/17/2015	48.8	46.3 - 46.8	40.8 - 47.3	106.00	46.50	0.30	59.50
	3/26/2015	48.8	46.3 - 46.8	40.8 - 47.3	106.00	46.65	Dry	Dry
	4/14/2015	48.8	46.3 - 46.8	40.8 - 47.3	106.00	46.82	Dry	Dry
	5/27/2015	48.8	46.3 - 46.8	40.8 - 47.3	106.00	46.82	Dry	Dry
	6/18/2015	48.8	46.3 - 46.8	40.8 - 47.3	106.00	46.82	Dry	Dry
	7/30/2015	48.8	46.3 - 46.8	40.8 - 47.3	106.00	46.82	Dry	Dry
	8/26/2015	48.8	46.3 - 46.8	40.8 - 47.3	106.00	46.82	Dry	Dry
	9/29/2015	48.8	46.3 - 46.8	40.8 - 47.3	106.00	46.82	Dry	Dry
	10/28/2015	48.8	46.3 - 46.8	40.8 - 47.3	106.00	46.82	Dry	Dry
	11/18/2015	48.8	46.3 - 46.8	40.8 - 47.3	106.00	46.82	Dry	Dry
	12/30/2015	48.8	46.3 - 46.8	40.8 - 47.3	106.00	46.82	Dry	Dry
	1/27/2016	48.8	46.3 - 46.8	40.8 - 47.3	106.00	46.82	Dry	Dry
	3/23/2016	48.8	46.3 - 46.8	40.8 - 47.3	106.00	46.82	Dry	Dry
	6/22/2016	48.8	46.3 - 46.8	40.8 - 47.3	106.00	46.82	Dry	Dry
	8/31/2016	48.8	46.3 - 46.8	40.8 - 47.3	106.00	46.82	Dry	Dry
	12/27/2016	48.8	46.3 - 46.8	40.8 - 47.3	106.00	46.82	Dry	Dry
	3/29/2017	48.8	46.3 - 46.8	40.8 - 47.3	106.00	46.82	Dry	Dry
	6/28/2017	48.8	46.3 - 46.8	40.8 - 47.3	106.00	46.82	Dry	Dry
	9/27/2017	48.8	46.3 - 46.8	40.8 - 47.3	106.00	46.82	Dry	Dry
	12/27/2017	48.8	46.3 - 46.8	40.8 - 47.3	106.00	46.82	Dry	Dry
VP-8D	1/26/2011	48.82	37.8 - 38.3	32.8 - 38.8	105.92	Dry	Dry	Dry
	11/18/2011	48.82	37.8 - 38.3	32.8 - 38.8	105.92	Dry	Dry	Dry
	4/10/2012	48.82	37.8 - 38.3	32.8 - 38.8	105.92	Dry	Dry	Dry
	5/11/2012	48.82	37.8 - 38.3	32.8 - 38.8	105.92	Dry	Dry	Dry
	5/16/2012	48.82	37.8 - 38.3	32.8 - 38.8	105.92	Dry	Dry	Dry
	5/31/2012	48.82	37.8 - 38.3	32.8 - 38.8	105.92	Dry	Dry	Dry
	6/6/2012	48.82	37.8 - 38.3	32.8 - 38.8	105.92	Dry	Dry	Dry
	6/13/2012	48.82	37.8 - 38.3	32.8 - 38.8	105.92	Dry	Dry	Dry
	6/20/2012	48.82	37.8 - 38.3	32.8 - 38.8	105.92	Dry	Dry	Dry
	6/26/2012	48.82	37.8 - 38.3	32.8 - 38.8	105.92	Dry	Dry	Dry
	7/3/2012	48.82	37.8 - 38.3	32.8 - 38.8	105.92	Dry	Dry	Dry
	1/25/2013	48.82	37.8 - 38.3	32.8 - 38.8	105.92	Dry	Dry	Dry
	2/22/2013	48.82	37.8 - 38.3	32.8 - 38.8	105.92	Dry	Dry	Dry
	3/22/2013	48.82	37.8 - 38.3	32.8 - 38.8	105.92	Dry	Dry	Dry
	4/23/2013	48.82	37.8 - 38.3	32.8 - 38.8	105.92	Dry	Dry	Dry
	5/31/2013	48.82	37.8 - 38.3	32.8 - 38.8	105.92	Dry	Dry	Dry
	6/28/2013	48.82	37.8 - 38.3	32.8 - 38.8	105.92	Dry	Dry	Dry
	7/30/2013	48.82	37.8 - 38.3	32.8 - 38.8	105.92	Dry	Dry	Dry
	8/30/2013	48.82	37.8 - 38.3	32.8 - 38.8	105.92	Dry	Dry	Dry
	9/27/2013	48.82	37.8 - 38.3	32.8 - 38.8	105.92	Dry	Dry	Dry
	10/29/2013	48.82	37.8 - 38.3	32.8 - 38.8	105.92	Dry	Dry	Dry
	11/26/2013	48.82	37.8 - 38.3	32.8 - 38.8	105.92	Dry	Dry	Dry
	12/23/2013	48.82	37.8 - 38.3	32.8 - 38.8	105.92	Dry	Dry	Dry
	1/31/2014	48.82	37.8 - 38.3	32.8 - 38.8	105.92	Dry	Dry	Dry
	2/28/2014	48.82	37.8 - 38.3	32.8 - 38.8	105.92	Dry	Dry	Dry
	3/28/2014	48.82	37.8 - 38.3	32.8 - 38.8	105.92	Dry	Dry	Dry
	4/29/2014	48.82	37.8 - 38.3	32.8 - 38.8	105.92	Dry	Dry	Dry
	5/27/2014	48.82	37.8 - 38.3	32.8 - 38.8	105.92	Dry	Dry	Dry
	6/24/2014	48.82	37.8 - 38.3	32.8 - 38.8	105.92	Dry	Dry	Dry
	7/30/2014	48.82	37.8 - 38.3	32.8 - 38.8	105.92	Dry	Dry	Dry
	8/27/2014	48.82	37.8 - 38.3	32.8 - 38.8	105.92	Dry	Dry	Dry

TABLE X
PERCHED GROUNDWATER LEVEL MEASUREMENTS
COOPER DRUM COMPANY SUPERFUND SITE
SOUTH GATE, CALIFORNIA

Well ID	Date Measured	Total Depth (ft bTOC)	Screened Interval (ft bTOC)	Filter Pack Sand Interval (ft bTOC)	TOC Elevation (NAVD88)	Depth to Water (ft bTOC)	Water Column (feet)	Perched Groundwater Elevation (NAVD88)
VP-8D	9/24/2014	48.82	37.8 - 38.3	32.8 - 38.8	105.92	Dry	Dry	Dry
	10/30/2014	48.82	37.8 - 38.3	32.8 - 38.8	105.92	Dry	Dry	Dry
	11/24/2014	48.82	37.8 - 38.3	32.8 - 38.8	105.92	Dry	Dry	Dry
	12/9/2014	48.82	37.8 - 38.3	32.8 - 38.8	105.92	Dry	Dry	Dry
	1/20/2015	48.82	37.8 - 38.3	32.8 - 38.8	105.92	Dry	Dry	Dry
	2/17/2015	48.82	37.8 - 38.3	32.8 - 38.8	105.92	Dry	Dry	Dry
	3/26/2015	48.82	37.8 - 38.3	32.8 - 38.8	105.92	Dry	Dry	Dry
	4/14/2015	48.82	37.8 - 38.3	32.8 - 38.8	105.92	Dry	Dry	Dry
	5/27/2015	48.82	37.8 - 38.3	32.8 - 38.8	105.92	Dry	Dry	Dry
	6/18/2015	48.82	37.8 - 38.3	32.8 - 38.8	105.92	Dry	Dry	Dry
	7/30/2015	48.82	37.8 - 38.3	32.8 - 38.8	105.92	Dry	Dry	Dry
	8/26/2015	48.82	37.8 - 38.3	32.8 - 38.8	105.92	Dry	Dry	Dry
	9/29/2015	48.82	37.8 - 38.3	32.8 - 38.8	105.92	Dry	Dry	Dry
	10/28/2015	48.82	37.8 - 38.3	32.8 - 38.8	105.92	Dry	Dry	Dry
	11/18/2015	48.82	37.8 - 38.3	32.8 - 38.8	105.92	Dry	Dry	Dry
	12/30/2015	48.82	37.8 - 38.3	32.8 - 38.8	105.92	Dry	Dry	Dry
	1/27/2016	48.82	37.8 - 38.3	32.8 - 38.8	105.92	Dry	Dry	Dry
	3/23/2016	48.82	37.8 - 38.3	32.8 - 38.8	105.92	Dry	Dry	Dry
	6/22/2016	48.82	37.8 - 38.3	32.8 - 38.8	105.92	Dry	Dry	Dry
	8/31/2016	48.82	37.8 - 38.3	32.8 - 38.8	105.92	Dry	Dry	Dry
	12/27/2016	48.82	37.8 - 38.3	32.8 - 38.8	105.92	Dry	Dry	Dry
	3/29/2017	48.82	37.8 - 38.3	32.8 - 38.8	105.92	Dry	Dry	Dry
	6/28/2017	48.82	37.8 - 38.3	32.8 - 38.8	105.92	Dry	Dry	Dry
	9/27/2017	48.82	37.8 - 38.3	32.8 - 38.8	105.92	Dry	Dry	Dry
	12/27/2017	48.82	37.8 - 38.3	32.8 - 38.8	105.92	Dry	Dry	Dry
VP-8E	1/26/2011	48.82	37.3 - 37.8	32.8 - 38.8	105.92	Dry	Dry	Dry
	3/23/2011	48.82	37.3 - 37.8	32.8 - 38.8	105.92	Dry	Dry	Dry
	11/18/2011	48.82	37.3 - 37.8	32.8 - 38.8	105.92	Dry	Dry	Dry
	4/10/2012	48.82	37.3 - 37.8	32.8 - 38.8	105.92	Dry	Dry	Dry
	5/11/2012	48.82	37.3 - 37.8	32.8 - 38.8	105.92	Dry	Dry	Dry
	5/16/2012	48.82	37.3 - 37.8	32.8 - 38.8	105.92	Dry	Dry	Dry
	5/31/2012	48.82	37.3 - 37.8	32.8 - 38.8	105.92	Dry	Dry	Dry
	6/6/2012	48.82	37.3 - 37.8	32.8 - 38.8	105.92	Dry	Dry	Dry
	6/13/2012	48.82	37.3 - 37.8	32.8 - 38.8	105.92	Dry	Dry	Dry
	6/20/2012	48.82	37.3 - 37.8	32.8 - 38.8	105.92	Dry	Dry	Dry
	6/26/2012	48.82	37.3 - 37.8	32.8 - 38.8	105.92	Dry	Dry	Dry
	7/3/2012	48.82	37.3 - 37.8	32.8 - 38.8	105.92	Dry	Dry	Dry
	1/25/2013	48.82	37.3 - 37.8	32.8 - 38.8	105.92	Dry	Dry	Dry
	2/22/2013	48.82	37.3 - 37.8	32.8 - 38.8	105.92	Dry	Dry	Dry
	3/22/2013	48.82	37.3 - 37.8	32.8 - 38.8	105.92	Dry	Dry	Dry
	4/23/2013	48.82	37.3 - 37.8	32.8 - 38.8	105.92	Dry	Dry	Dry
	5/31/2013	48.82	37.3 - 37.8	32.8 - 38.8	105.92	Dry	Dry	Dry
	6/28/2013	48.82	37.3 - 37.8	32.8 - 38.8	105.92	Dry	Dry	Dry
	7/30/2013	48.82	37.3 - 37.8	32.8 - 38.8	105.92	Dry	Dry	Dry
	8/30/2013	48.82	37.3 - 37.8	32.8 - 38.8	105.92	Dry	Dry	Dry
	9/27/2013	48.82	37.3 - 37.8	32.8 - 38.8	105.92	Dry	Dry	Dry
	10/29/2013	48.82	37.3 - 37.8	32.8 - 38.8	105.92	Dry	Dry	Dry
	11/26/2013	48.82	37.3 - 37.8	32.8 - 38.8	105.92	Dry	Dry	Dry
	12/23/2013	48.82	37.3 - 37.8	32.8 - 38.8	105.92	Dry	Dry	Dry
	1/31/2014	48.82	37.3 - 37.8	32.8 - 38.8	105.92	Dry	Dry	Dry
	2/28/2014	48.82	37.3 - 37.8	32.8 - 38.8	105.92	Dry	Dry	Dry
	3/28/2014	48.82	37.3 - 37.8	32.8 - 38.8	105.92	Dry	Dry	Dry
	4/29/2014	48.82	37.3 - 37.8	32.8 - 38.8	105.92	Dry	Dry	Dry
	5/27/2014	48.82	37.3 - 37.8	32.8 - 38.8	105.92	Dry	Dry	Dry
	6/24/2014	48.82	37.3 - 37.8	32.8 - 38.8	105.92	Dry	Dry	Dry
	7/30/2014	48.82	37.3 - 37.8	32.8 - 38.8	105.92	Dry	Dry	Dry
	8/27/2014	48.82	37.3 - 37.8	32.8 - 38.8	105.92	Dry	Dry	Dry
	9/24/2014	48.82	37.3 - 37.8	32.8 - 38.8	105.92	Dry	Dry	Dry
	10/30/2014	48.82	37.3 - 37.8	32.8 - 38.8	105.92	Dry	Dry	Dry
	11/24/2014	48.82	37.3 - 37.8	32.8 - 38.8	105.92	Dry	Dry	Dry
	12/9/2014	48.82	37.3 - 37.8	32.8 - 38.8	105.92	Dry	Dry	Dry
	1/20/2015	48.82	37.3 - 37.8	32.8 - 38.8	105.92	Dry	Dry	Dry
	2/17/2015	48.82	37.3 - 37.8	32.8 - 38.8	105.92	Dry	Dry	Dry
	3/26/2015	48.82	37.3 - 37.8	32.8 - 38.8	105.92	Dry	Dry	Dry
	4/14/2015	48.82	37.3 - 37.8	32.8 - 38.8	105.92	Dry	Dry	Dry
	5/27/2015	48.82	37.3 - 37.8	32.8 - 38.8	105.92	Dry	Dry	Dry
	6/18/2015	48.82	37.3 - 37.8	32.8 - 38.8	105.92	Dry	Dry	Dry
	7/30/2015	48.82	37.3 - 37.8	32.8 - 38.8	105.92	Dry	Dry	Dry
	8/26/2015	48.82	37.3 - 37.8	32.8 - 38.8	105.92	Dry	Dry	Dry
	9/29/2015	48.82	37.3 - 37.8	32.8 - 38.8	105.92	Dry	Dry	Dry
	10/28/2015	48.82	37.3 - 37.8	32.8 - 38.8	105.92	Dry	Dry	Dry
	11/18/2015	48.82	37.3 - 37.8	32.8 - 38.8	105.92	Dry	Dry	Dry
	12/30/2015	48.82	37.3 - 37.8	32.8 - 38.8	105.92	Dry	Dry	Dry
	1/27/2016	48.82	37.3 - 37.8	32.8 - 38.8	105.92	Dry	Dry	Dry

TABLE X
PERCHED GROUNDWATER LEVEL MEASUREMENTS
COOPER DRUM COMPANY SUPERFUND SITE
SOUTH GATE, CALIFORNIA

Well ID	Date Measured	Total Depth (ft bTOC)	Screened Interval (ft bTOC)	Filter Pack Sand Interval (ft bTOC)	TOC Elevation (NAVD88)	Depth to Water (ft bTOC)	Water Column (feet)	Perched Groundwater Elevation (NAVD88)
VP-8E	3/23/2016	48.82	37.3 - 37.8	32.8 - 38.8	105.92	Dry	Dry	Dry
	6/22/2016	48.82	37.3 - 37.8	32.8 - 38.8	105.92	Dry	Dry	Dry
	8/31/2016	48.82	37.3 - 37.8	32.8 - 38.8	105.92	Dry	Dry	Dry
	12/27/2016	48.82	37.3 - 37.8	32.8 - 38.8	105.92	Dry	Dry	Dry
	3/29/2017	48.82	37.3 - 37.8	32.8 - 38.8	105.92	Dry	Dry	Dry
	6/28/2017	48.82	37.3 - 37.8	32.8 - 38.8	105.92	Dry	Dry	Dry
	9/27/2017	48.82	37.3 - 37.8	32.8 - 38.8	105.92	Dry	Dry	Dry
	12/27/2017	48.82	37.3 - 37.8	32.8 - 38.8	105.92	Dry	Dry	Dry
VP-8F	1/26/2011	48.82	46.3 - 46.8	43.8 - 47.8	105.92	43.86	2.94	62.06
	3/23/2011	48.82	46.3 - 46.8	43.8 - 47.8	105.92	43.92	2.88	62.00
	11/18/2011	48.82	46.3 - 46.8	43.8 - 47.8	105.92	43.82	2.98	62.10
	4/10/2012	48.82	46.3 - 46.8	43.8 - 47.8	105.92	43.85	2.95	62.07
	5/11/2012	48.82	46.3 - 46.8	43.8 - 47.8	105.92	44.65	2.15	61.27
	5/16/2012	48.82	46.3 - 46.8	43.8 - 47.8	105.92	44.52	2.28	61.40
	5/31/2012	48.82	46.3 - 46.8	43.8 - 47.8	105.92	44.63	2.17	61.29
	6/6/2012	48.82	46.3 - 46.8	43.8 - 47.8	105.92	45.97	0.83	59.95
	6/13/2012	48.82	46.3 - 46.8	43.8 - 47.8	105.92	45.38	1.42	60.54
	6/20/2012	48.82	46.3 - 46.8	43.8 - 47.8	105.92	45.47	1.33	60.45
	6/26/2012	48.82	46.3 - 46.8	43.8 - 47.8	105.92	46	0.8	59.92
	7/3/2012	48.82	46.3 - 46.8	43.8 - 47.8	105.92	44.55	2.25	61.37
	1/25/2013	48.82	46.3 - 46.8	43.8 - 47.8	105.92	44.87	1.93	61.05
	2/22/2013	48.82	46.3 - 46.8	43.8 - 47.8	105.92	44.79	2.01	61.13
	3/22/2013	48.82	46.3 - 46.8	43.8 - 47.8	105.92	44.98	1.82	60.94
	4/23/2013	48.82	46.3 - 46.8	43.8 - 47.8	105.92	45.03	1.77	60.89
	5/31/2013	48.82	46.3 - 46.8	43.8 - 47.8	105.92	45.09	1.71	60.83
	6/28/2013	48.82	46.3 - 46.8	43.8 - 47.8	105.92	45.11	1.69	60.81
	7/30/2013	48.82	46.3 - 46.8	43.8 - 47.8	105.92	45.18	1.62	60.74
	8/30/2013	48.82	46.3 - 46.8	43.8 - 47.8	105.92	45.22	1.58	60.70
	9/27/2013	48.82	46.3 - 46.8	43.8 - 47.8	105.92	45.53	1.27	60.39
	10/29/2013	48.82	46.3 - 46.8	43.8 - 47.8	105.92	45.66	1.14	60.26
	11/26/2013	48.82	46.3 - 46.8	43.8 - 47.8	105.92	45.77	1.03	60.15
	12/23/2013	48.82	46.3 - 46.8	43.8 - 47.8	105.92	45.75	1.05	60.17
	1/31/2014	48.82	46.3 - 46.8	43.8 - 47.8	105.92	Dry	Dry	Dry
	2/28/2014	48.82	46.3 - 46.8	43.8 - 47.8	105.92	Dry	Dry	Dry
	3/28/2014	48.82	46.3 - 46.8	43.8 - 47.8	105.92	Dry	Dry	Dry
	4/29/2014	48.82	46.3 - 46.8	43.8 - 47.8	105.92	Dry	Dry	Dry
	5/27/2014	48.82	46.3 - 46.8	43.8 - 47.8	105.92	Dry	Dry	Dry
	6/24/2014	48.82	46.3 - 46.8	43.8 - 47.8	105.92	Dry	Dry	Dry
	7/30/2014	48.82	46.3 - 46.8	43.8 - 47.8	105.92	Dry	Dry	Dry
	8/27/2014	48.82	46.3 - 46.8	43.8 - 47.8	105.92	Dry	Dry	Dry
	9/24/2014	48.82	46.3 - 46.8	43.8 - 47.8	105.92	Dry	Dry	Dry
	10/30/2014	48.82	46.3 - 46.8	43.8 - 47.8	105.92	Dry	Dry	Dry
	11/24/2014	48.82	46.3 - 46.8	43.8 - 47.8	105.92	Dry	Dry	Dry
	12/9/2014	48.82	46.3 - 46.8	43.8 - 47.8	105.92	Dry	Dry	Dry
	1/20/2015	48.82	46.3 - 46.8	43.8 - 47.8	105.92	Dry	Dry	Dry
	2/17/2015	48.82	46.3 - 46.8	43.8 - 47.8	105.92	Dry	Dry	Dry
	3/26/2015	48.82	46.3 - 46.8	43.8 - 47.8	105.92	Dry	Dry	Dry
	4/14/2015	48.82	46.3 - 46.8	43.8 - 47.8	105.92	Dry	Dry	Dry
	5/27/2015	48.82	46.3 - 46.8	43.8 - 47.8	105.92	Dry	Dry	Dry
	6/18/2015	48.82	46.3 - 46.8	43.8 - 47.8	105.92	Dry	Dry	Dry
	7/30/2015	48.82	46.3 - 46.8	43.8 - 47.8	105.92	Dry	Dry	Dry
	8/26/2015	48.82	46.3 - 46.8	43.8 - 47.8	105.92	Dry	Dry	Dry
	9/29/2015	48.82	46.3 - 46.8	43.8 - 47.8	105.92	Dry	Dry	Dry
	10/28/2015	48.82	46.3 - 46.8	43.8 - 47.8	105.92	Dry	Dry	Dry
	11/18/2015	48.82	46.3 - 46.8	43.8 - 47.8	105.92	Dry	Dry	Dry
	12/30/2015	48.82	46.3 - 46.8	43.8 - 47.8	105.92	Dry	Dry	Dry
	1/27/2016	48.82	46.3 - 46.8	43.8 - 47.8	105.92	Dry	Dry	Dry
	3/23/2016	48.82	46.3 - 46.8	43.8 - 47.8	105.92	Dry	Dry	Dry
	6/22/2016	48.82	46.3 - 46.8	43.8 - 47.8	105.92	Dry	Dry	Dry
	8/31/2016	48.82	46.3 - 46.8	43.8 - 47.8	105.92	Dry	Dry	Dry
	12/27/2016	48.82	46.3 - 46.8	43.8 - 47.8	105.92	Dry	Dry	Dry
	3/29/2017	48.82	46.3 - 46.8	43.8 - 47.8	105.92	Dry	Dry	Dry
	6/28/2017	48.82	46.3 - 46.8	43.8 - 47.8	105.92	Dry	Dry	Dry
	9/27/2017	48.82	46.3 - 46.8	43.8 - 47.8	105.92	Dry	Dry	Dry
	12/27/2017	48.82	46.3 - 46.8	43.8 - 47.8	105.92	Dry	Dry	Dry
VP-8G	1/26/2011	48.82	46.8 - 47.3	43.8 - 47.8	105.92	43.89	3.41	62.03
	3/23/2011	48.82	46.8 - 47.3	43.8 - 47.8	105.92	43.8	3.50	62.12
	11/18/2011	48.82	46.8 - 47.3	43.8 - 47.8	105.92	43.86	3.44	62.06
	4/10/2012	48.82	46.8 - 47.3	43.8 - 47.8	105.92	43.9	3.40	62.02
	5/11/2012	48.82	46.8 - 47.3	43.8 - 47.8	105.92	44.7	2.60	61.22
	5/16/2012	48.82	46.8 - 47.3	43.8 - 47.8	105.92	44.52	2.78	61.40
	5/31/2012	48.82	46.8 - 47.3	43.8 - 47.8	105.92	44.62	2.68	61.30
	6/6/2012	48.82	46.8 - 47.3	43.8 - 47.8	105.92	45.97	1.33	59.95
	6/13/2012	48.82	46.8 - 47.3	43.8 - 47.8	105.92	45.38	1.92	60.54

TABLE X
PERCHED GROUNDWATER LEVEL MEASUREMENTS
COOPER DRUM COMPANY SUPERFUND SITE
SOUTH GATE, CALIFORNIA

Well ID	Date Measured	Total Depth (ft bTOC)	Screened Interval (ft bTOC)	Filter Pack Sand Interval (ft bTOC)	TOC Elevation (NAVD88)	Depth to Water (ft bTOC)	Water Column (feet)	Perched Groundwater Elevation (NAVD88)
VP-8G	6/20/2012	48.82	46.8 - 47.3	43.8 - 47.8	105.92	45.49	1.81	60.43
	6/26/2012	48.82	46.8 - 47.3	43.8 - 47.8	105.92	46.00	1.30	59.92
	7/3/2012	48.82	46.8 - 47.3	43.8 - 47.8	105.92	44.55	2.75	61.37
	1/25/2013	48.82	46.8 - 47.3	43.8 - 47.8	105.92	44.61	2.69	61.31
	2/22/2013	48.82	46.8 - 47.3	43.8 - 47.8	105.92	44.63	2.67	61.29
	3/22/2013	48.82	46.8 - 47.3	43.8 - 47.8	105.92	44.66	2.64	61.26
	4/23/2013	48.82	46.8 - 47.3	43.8 - 47.8	105.92	44.71	2.59	61.21
	5/31/2013	48.82	46.8 - 47.3	43.8 - 47.8	105.92	45.00	2.30	60.92
	6/28/2013	48.82	46.8 - 47.3	43.8 - 47.8	105.92	45.02	2.28	60.90
	7/30/2013	48.82	46.8 - 47.3	43.8 - 47.8	105.92	45.15	2.15	60.77
	8/30/2013	48.82	46.8 - 47.3	43.8 - 47.8	105.92	45.19	2.11	60.73
	9/27/2013	48.82	46.8 - 47.3	43.8 - 47.8	105.92	45.56	1.74	60.36
	10/29/2013	48.82	46.8 - 47.3	43.8 - 47.8	105.92	45.72	1.58	60.20
	11/26/2013	48.82	46.8 - 47.3	43.8 - 47.8	105.92	45.81	1.49	60.11
	12/23/2013	48.82	46.8 - 47.3	43.8 - 47.8	105.92	45.89	1.41	60.03
	1/31/2014	48.82	46.8 - 47.3	43.8 - 47.8	105.92	46.26	1.04	59.66
	2/28/2014	48.82	46.8 - 47.3	43.8 - 47.8	105.92	46.89	0.41	59.03
	3/28/2014	48.82	46.8 - 47.3	43.8 - 47.8	105.92	47.16	0.14	58.76
	4/29/2014	48.82	46.8 - 47.3	43.8 - 47.8	105.92	47.26	0.04	58.66
	5/27/2014	48.82	46.8 - 47.3	43.8 - 47.8	105.92	Dry	Dry	Dry
	6/24/2014	48.82	46.8 - 47.3	43.8 - 47.8	105.92	Dry	Dry	Dry
	7/30/2014	48.82	46.8 - 47.3	43.8 - 47.8	105.92	Dry	Dry	Dry
	8/27/2014	48.82	46.8 - 47.3	43.8 - 47.8	105.92	Dry	Dry	Dry
	9/24/2014	48.82	46.8 - 47.3	43.8 - 47.8	105.92	46.95	0.35	58.97
	10/30/2014	48.82	46.8 - 47.3	43.8 - 47.8	105.92	46.95	0.35	58.97
	11/24/2014	48.82	46.8 - 47.3	43.8 - 47.8	105.92	46.95	0.35	58.97
	12/9/2014	48.82	46.8 - 47.3	43.8 - 47.8	105.92	46.96	0.34	58.96
	1/20/2015	48.82	46.8 - 47.3	43.8 - 47.8	105.92	47.28	Dry	Dry
	2/17/2015	48.82	46.8 - 47.3	43.8 - 47.8	105.92	47.28	Dry	Dry
	3/26/2015	48.82	46.8 - 47.3	43.8 - 47.8	105.92	47.28	Dry	Dry
	4/14/2015	48.82	46.8 - 47.3	43.8 - 47.8	105.92	47.28	Dry	Dry
	5/27/2015	48.82	46.8 - 47.3	43.8 - 47.8	105.92	47.35	Dry	Dry
	6/18/2015	48.82	46.8 - 47.3	43.8 - 47.8	105.92	47.30	Dry	Dry
	7/30/2015	48.82	46.8 - 47.3	43.8 - 47.8	105.92	47.30	Dry	Dry
	8/26/2015	48.82	46.8 - 47.3	43.8 - 47.8	105.92	47.30	Dry	Dry
	9/29/2015	48.82	46.8 - 47.3	43.8 - 47.8	105.92	47.30	Dry	Dry
	10/28/2015	48.82	46.8 - 47.3	43.8 - 47.8	105.92	47.30	Dry	Dry
	11/18/2015	48.82	46.8 - 47.3	43.8 - 47.8	105.92	47.30	Dry	Dry
	12/30/2015	48.82	46.8 - 47.3	43.8 - 47.8	105.92	47.30	Dry	Dry
	1/27/2016	48.82	46.8 - 47.3	43.8 - 47.8	105.92	47.30	Dry	Dry
	3/23/2016	48.82	46.8 - 47.3	43.8 - 47.8	105.92	47.30	Dry	Dry
	6/22/2016	48.82	46.8 - 47.3	43.8 - 47.8	105.92	47.30	Dry	Dry
	8/31/2016	48.82	46.8 - 47.3	43.8 - 47.8	105.92	47.30	Dry	Dry
	12/27/2016	48.82	46.8 - 47.3	43.8 - 47.8	105.92	47.30	Dry	Dry
	3/29/2017	48.82	46.8 - 47.3	43.8 - 47.8	105.92	47.30	Dry	Dry
	6/28/2017	48.82	46.8 - 47.3	43.8 - 47.8	105.92	47.30	Dry	Dry
	9/27/2017	48.82	46.8 - 47.3	43.8 - 47.8	105.92	47.30	Dry	Dry
	12/27/2017	48.82	46.8 - 47.3	43.8 - 47.8	105.92	47.30	Dry	Dry
VP-9D	11/18/2011	48.67	37.7 - 38.2	32.7 - 38.7	105.63	Dry	Dry	Dry
	4/10/2012	48.67	37.7 - 38.2	32.7 - 38.7	105.63	Dry	Dry	Dry
	5/11/2012	48.67	37.7 - 38.2	32.7 - 38.7	105.63	Dry	Dry	Dry
	5/16/2012	48.67	37.7 - 38.2	32.7 - 38.7	105.63	Dry	Dry	Dry
	5/31/2012	48.67	37.7 - 38.2	32.7 - 38.7	105.63	Dry	Dry	Dry
	6/6/2012	48.67	37.7 - 38.2	32.7 - 38.7	105.63	Dry	Dry	Dry
	6/13/2012	48.67	37.7 - 38.2	32.7 - 38.7	105.63	Dry	Dry	Dry
	6/20/2012	48.67	37.7 - 38.2	32.7 - 38.7	105.63	Dry	Dry	Dry
	6/26/2012	48.67	37.7 - 38.2	32.7 - 38.7	105.63	Dry	Dry	Dry
	7/3/2012	48.67	37.7 - 38.2	32.7 - 38.7	105.63	Dry	Dry	Dry
	1/25/2013	48.67	37.7 - 38.2	32.7 - 38.7	105.63	Dry	Dry	Dry
	2/22/2013	48.67	37.7 - 38.2	32.7 - 38.7	105.63	Dry	Dry	Dry
	3/22/2013	48.67	37.7 - 38.2	32.7 - 38.7	105.63	Dry	Dry	Dry
	4/23/2013	48.67	37.7 - 38.2	32.7 - 38.7	105.63	Dry	Dry	Dry
	5/31/2013	48.67	37.7 - 38.2	32.7 - 38.7	105.63	Dry	Dry	Dry
	6/28/2013	48.67	37.7 - 38.2	32.7 - 38.7	105.63	Dry	Dry	Dry
	7/30/2013	48.67	37.7 - 38.2	32.7 - 38.7	105.63	Dry	Dry	Dry
	8/30/2013	48.67	37.7 - 38.2	32.7 - 38.7	105.63	Dry	Dry	Dry
	9/27/2013	48.67	37.7 - 38.2	32.7 - 38.7	105.63	Dry	Dry	Dry
	10/29/2013	48.67	37.7 - 38.2	32.7 - 38.7	105.63	Dry	Dry	Dry
	11/26/2013	48.67	37.7 - 38.2	32.7 - 38.7	105.63	Dry	Dry	Dry
	12/23/2013	48.67	37.7 - 38.2	32.7 - 38.7	105.63	Dry	Dry	Dry
	1/31/2014	48.67	37.7 - 38.2	32.7 - 38.7	105.63	Dry	Dry	Dry
	2/28/2014	48.67	37.7 - 38.2	32.7 - 38.7	105.63	Dry	Dry	Dry
	3/28/2014	48.67	37.7 - 38.2	32.7 - 38.7	105.63	Dry	Dry	Dry
	4/29/2014	48.67	37.7 - 38.2	32.7 - 38.7	105.63	Dry	Dry	Dry

TABLE X
PERCHED GROUNDWATER LEVEL MEASUREMENTS
COOPER DRUM COMPANY SUPERFUND SITE
SOUTH GATE, CALIFORNIA

Well ID	Date Measured	Total Depth (ft bTOC)	Screened Interval (ft bTOC)	Filter Pack Sand Interval (ft bTOC)	TOC Elevation (NAVD88)	Depth to Water (ft bTOC)	Water Column (feet)	Perched Groundwater Elevation (NAVD88)
VP-9D	5/27/2014	48.67	37.7 - 38.2	32.7 - 38.7	105.63	Dry	Dry	Dry
	6/24/2014	48.67	37.7 - 38.2	32.7 - 38.7	105.63	Dry	Dry	Dry
	7/30/2014	48.67	37.7 - 38.2	32.7 - 38.7	105.63	Dry	Dry	Dry
	8/27/2014	48.67	37.7 - 38.2	32.7 - 38.7	105.63	Dry	Dry	Dry
	9/24/2014	48.67	37.7 - 38.2	32.7 - 38.7	105.63	Dry	Dry	Dry
	10/30/2014	48.67	37.7 - 38.2	32.7 - 38.7	105.63	Dry	Dry	Dry
	11/24/2014	48.67	37.7 - 38.2	32.7 - 38.7	105.63	Dry	Dry	Dry
	12/9/2014	48.67	37.7 - 38.2	32.7 - 38.7	105.63	Dry	Dry	Dry
	1/20/2015	48.67	37.7 - 38.2	32.7 - 38.7	105.63	Dry	Dry	Dry
	2/17/2015	48.67	37.7 - 38.2	32.7 - 38.7	105.63	Dry	Dry	Dry
	3/26/2015	48.67	37.7 - 38.2	32.7 - 38.7	105.63	Dry	Dry	Dry
	4/14/2015	48.67	37.7 - 38.2	32.7 - 38.7	105.63	Dry	Dry	Dry
	5/27/2015	48.67	37.7 - 38.2	32.7 - 38.7	105.63	Dry	Dry	Dry
	6/18/2015	48.67	37.7 - 38.2	32.7 - 38.7	105.63	Dry	Dry	Dry
	7/30/2015	48.67	37.7 - 38.2	32.7 - 38.7	105.63	Dry	Dry	Dry
	8/26/2015	48.67	37.7 - 38.2	32.7 - 38.7	105.63	Dry	Dry	Dry
	9/29/2015	48.67	37.7 - 38.2	32.7 - 38.7	105.63	Dry	Dry	Dry
	10/28/2015	48.67	37.7 - 38.2	32.7 - 38.7	105.63	Dry	Dry	Dry
	11/18/2015	48.67	37.7 - 38.2	32.7 - 38.7	105.63	Dry	Dry	Dry
	12/30/2015	48.67	37.7 - 38.2	32.7 - 38.7	105.63	Dry	Dry	Dry
	1/27/2016	48.67	37.7 - 38.2	32.7 - 38.7	105.63	Dry	Dry	Dry
	3/23/2016	48.67	37.7 - 38.2	32.7 - 38.7	105.63	Dry	Dry	Dry
	6/22/2016	48.67	37.7 - 38.2	32.7 - 38.7	105.63	Dry	Dry	Dry
	8/31/2016	48.67	37.7 - 38.2	32.7 - 38.7	105.63	Dry	Dry	Dry
	12/27/2016	48.67	37.7 - 38.2	32.7 - 38.7	105.63	Dry	Dry	Dry
	3/29/2017	48.67	37.7 - 38.2	32.7 - 38.7	105.63	Dry	Dry	Dry
	6/28/2017	48.67	37.7 - 38.2	32.7 - 38.7	105.63	Dry	Dry	Dry
	9/27/2017	48.67	37.7 - 38.2	32.7 - 38.7	105.63	Dry	Dry	Dry
	12/27/2017	48.67	37.7 - 38.2	32.7 - 38.7	105.63	Dry	Dry	Dry
VP-9E	11/18/2011	48.67	37.2 - 37.7	32.7 - 38.7	105.63	Dry	Dry	Dry
	4/10/2012	48.67	37.2 - 37.7	32.7 - 38.7	105.63	Dry	Dry	Dry
	5/11/2012	48.67	37.2 - 37.7	32.7 - 38.7	105.63	Dry	Dry	Dry
	5/16/2012	48.67	37.2 - 37.7	32.7 - 38.7	105.63	Dry	Dry	Dry
	5/31/2012	48.67	37.2 - 37.7	32.7 - 38.7	105.63	Dry	Dry	Dry
	6/6/2012	48.67	37.2 - 37.7	32.7 - 38.7	105.63	Dry	Dry	Dry
	6/13/2012	48.67	37.2 - 37.7	32.7 - 38.7	105.63	Dry	Dry	Dry
	6/20/2012	48.67	37.2 - 37.7	32.7 - 38.7	105.63	Dry	Dry	Dry
	6/26/2012	48.67	37.2 - 37.7	32.7 - 38.7	105.63	Dry	Dry	Dry
	7/3/2012	48.67	37.2 - 37.7	32.7 - 38.7	105.63	Dry	Dry	Dry
	1/25/2013	48.67	37.2 - 37.7	32.7 - 38.7	105.63	Dry	Dry	Dry
	2/22/2013	48.67	37.2 - 37.7	32.7 - 38.7	105.63	Dry	Dry	Dry
	3/22/2013	48.67	37.2 - 37.7	32.7 - 38.7	105.63	Dry	Dry	Dry
	4/23/2013	48.67	37.2 - 37.7	32.7 - 38.7	105.63	Dry	Dry	Dry
	5/31/2013	48.67	37.2 - 37.7	32.7 - 38.7	105.63	Dry	Dry	Dry
	6/28/2013	48.67	37.2 - 37.7	32.7 - 38.7	105.63	Dry	Dry	Dry
	7/30/2013	48.67	37.2 - 37.7	32.7 - 38.7	105.63	Dry	Dry	Dry
	8/30/2013	48.67	37.2 - 37.7	32.7 - 38.7	105.63	Dry	Dry	Dry
	9/27/2013	48.67	37.2 - 37.7	32.7 - 38.7	105.63	Dry	Dry	Dry
	10/29/2013	48.67	37.2 - 37.7	32.7 - 38.7	105.63	Dry	Dry	Dry
	11/26/2013	48.67	37.2 - 37.7	32.7 - 38.7	105.63	Dry	Dry	Dry
	12/23/2013	48.67	37.2 - 37.7	32.7 - 38.7	105.63	Dry	Dry	Dry
	1/31/2014	48.67	37.2 - 37.7	32.7 - 38.7	105.63	Dry	Dry	Dry
	2/28/2014	48.67	37.2 - 37.7	32.7 - 38.7	105.63	Dry	Dry	Dry
	3/28/2014	48.67	37.2 - 37.7	32.7 - 38.7	105.63	Dry	Dry	Dry
	4/29/2014	48.67	37.2 - 37.7	32.7 - 38.7	105.63	Dry	Dry	Dry
	5/27/2014	48.67	37.2 - 37.7	32.7 - 38.7	105.63	Dry	Dry	Dry
	6/24/2014	48.67	37.2 - 37.7	32.7 - 38.7	105.63	Dry	Dry	Dry
	7/30/2014	48.67	37.2 - 37.7	32.7 - 38.7	105.63	Dry	Dry	Dry
	8/27/2014	48.67	37.2 - 37.7	32.7 - 38.7	105.63	Dry	Dry	Dry
	9/24/2014	48.67	37.2 - 37.7	32.7 - 38.7	105.63	Dry	Dry	Dry
	10/30/2014	48.67	37.2 - 37.7	32.7 - 38.7	105.63	Dry	Dry	Dry
	11/24/2014	48.67	37.2 - 37.7	32.7 - 38.7	105.63	Dry	Dry	Dry
	12/9/2014	48.67	37.2 - 37.7	32.7 - 38.7	105.63	Dry	Dry	Dry
	1/20/2015	48.67	37.2 - 37.7	32.7 - 38.7	105.63	Dry	Dry	Dry
	2/17/2015	48.67	37.2 - 37.7	32.7 - 38.7	105.63	Dry	Dry	Dry
	3/26/2015	48.67	37.2 - 37.7	32.7 - 38.7	105.63	Dry	Dry	Dry
	4/14/2015	48.67	37.2 - 37.7	32.7 - 38.7	105.63	Dry	Dry	Dry
	5/27/2015	48.67	37.2 - 37.7	32.7 - 38.7	105.63	Dry	Dry	Dry
	6/18/2015	48.67	37.2 - 37.7	32.7 - 38.7	105.63	Dry	Dry	Dry
	7/30/2015	48.67	37.2 - 37.7	32.7 - 38.7	105.63	Dry	Dry	Dry
	8/26/2015	48.67	37.2 - 37.7	32.7 - 38.7	105.63	Dry	Dry	Dry
	9/29/2015	48.67	37.2 - 37.7	32.7 - 38.7	105.63	Dry	Dry	Dry
	10/28/2015	48.67	37.2 - 37.7	32.7 - 38.7	105.63	Dry	Dry	Dry
	11/18/2015	48.67	37.2 - 37.7	32.7 - 38.7	105.63	Dry	Dry	Dry

TABLE X
PERCHED GROUNDWATER LEVEL MEASUREMENTS
COOPER DRUM COMPANY SUPERFUND SITE
SOUTH GATE, CALIFORNIA

Well ID	Date Measured	Total Depth (ft bTOC)	Screened Interval (ft bTOC)	Filter Pack Sand Interval (ft bTOC)	TOC Elevation (NAVD88)	Depth to Water (ft bTOC)	Water Column (feet)	Perched Groundwater Elevation (NAVD88)
VP-9E	12/30/2015	48.67	37.2 - 37.7	32.7 - 38.7	105.63	Dry	Dry	Dry
	1/27/2016	48.67	37.2 - 37.7	32.7 - 38.7	105.63	Dry	Dry	Dry
	3/23/2016	48.67	37.2 - 37.7	32.7 - 38.7	105.63	Dry	Dry	Dry
	6/22/2016	48.67	37.2 - 37.7	32.7 - 38.7	105.63	Dry	Dry	Dry
	8/31/2016	48.67	37.2 - 37.7	32.7 - 38.7	105.63	Dry	Dry	Dry
	12/27/2016	48.67	37.2 - 37.7	32.7 - 38.7	105.63	Dry	Dry	Dry
	3/29/2017	48.67	37.2 - 37.7	32.7 - 38.7	105.63	Dry	Dry	Dry
	6/28/2017	48.67	37.2 - 37.7	32.7 - 38.7	105.63	Dry	Dry	Dry
	9/27/2017	48.67	37.2 - 37.7	32.7 - 38.7	105.63	Dry	Dry	Dry
	12/27/2017	48.67	37.2 - 37.7	32.7 - 38.7	105.63	Dry	Dry	Dry
VP-9F	1/26/2011	48.67	45.7 - 46.2	40.7 - 47.7	105.63	43.76	2.44	61.87
	3/23/2011	48.67	45.7 - 46.2	40.7 - 47.7	105.63	43.87	2.33	61.76
	11/18/2011	48.67	45.7 - 46.2	40.7 - 47.7	105.63	44.33	1.87	61.30
	4/10/2012	48.67	45.7 - 46.2	40.7 - 47.7	105.63	44.40	1.80	61.23
	5/11/2012	48.67	45.7 - 46.2	40.7 - 47.7	105.63	44.88	1.32	60.75
	5/16/2012	48.67	45.7 - 46.2	40.7 - 47.7	105.63	44.5	1.70	61.13
	5/31/2012	48.67	45.7 - 46.2	40.7 - 47.7	105.63	44.35	1.85	61.28
	6/6/2012	48.67	45.7 - 46.2	40.7 - 47.7	105.63	46.13	0.07	59.50
	6/13/2012	48.67	45.7 - 46.2	40.7 - 47.7	105.63	43.40	2.80	62.23
	6/20/2012	48.67	45.7 - 46.2	40.7 - 47.7	105.63	44.62	1.58	61.01
	6/26/2012	48.67	45.7 - 46.2	40.7 - 47.7	105.63	45.2	1.00	60.43
	7/3/2012	48.67	45.7 - 46.2	40.7 - 47.7	105.63	45.7	0.50	59.93
	1/25/2013	48.67	45.7 - 46.2	40.7 - 47.7	105.63	NM	NM	NM
	2/22/2013	48.67	45.7 - 46.2	40.7 - 47.7	105.63	NM	NM	NM
	3/22/2013	48.67	45.7 - 46.2	40.7 - 47.7	105.63	NM	NM	NM
	4/23/2013	48.67	45.7 - 46.2	40.7 - 47.7	105.63	NM	NM	NM
	5/31/2013	48.67	45.7 - 46.2	40.7 - 47.7	105.63	NM	NM	NM
	6/28/2013	48.67	45.7 - 46.2	40.7 - 47.7	105.63	NM	NM	NM
	7/30/2013	48.67	45.7 - 46.2	40.7 - 47.7	105.63	45.76	0.44	59.87
	8/30/2013	48.67	45.7 - 46.2	40.7 - 47.7	105.63	45.79	0.41	59.84
	9/27/2013	48.67	45.7 - 46.2	40.7 - 47.7	105.63	45.82	0.38	59.81
	10/29/2013	48.67	45.7 - 46.2	40.7 - 47.7	105.63	45.89	0.31	59.74
	11/26/2013	48.67	45.7 - 46.2	40.7 - 47.7	105.63	46.01	0.19	59.62
	12/23/2013	48.67	45.7 - 46.2	40.7 - 47.7	105.63	46.16	0.04	59.47
	1/31/2014	48.67	45.7 - 46.2	40.7 - 47.7	105.63	Dry	Dry	Dry
	2/28/2014	48.67	45.7 - 46.2	40.7 - 47.7	105.63	Dry	Dry	Dry
	3/28/2014	48.67	45.7 - 46.2	40.7 - 47.7	105.63	Dry	Dry	Dry
	4/29/2014	48.67	45.7 - 46.2	40.7 - 47.7	105.63	Dry	Dry	Dry
	5/27/2014	48.67	45.7 - 46.2	40.7 - 47.7	105.63	Dry	Dry	Dry
	6/24/2014	48.67	45.7 - 46.2	40.7 - 47.7	105.63	Dry	Dry	Dry
	7/30/2014	48.67	45.7 - 46.2	40.7 - 47.7	105.63	Dry	Dry	Dry
	8/27/2014	48.67	45.7 - 46.2	40.7 - 47.7	105.63	Dry	Dry	Dry
	9/24/2014	48.67	45.7 - 46.2	40.7 - 47.7	105.63	Dry	Dry	Dry
	10/30/2014	48.67	45.7 - 46.2	40.7 - 47.7	105.63	Dry	Dry	Dry
	11/24/2014	48.67	45.7 - 46.2	40.7 - 47.7	105.63	Dry	Dry	Dry
	12/9/2014	48.67	45.7 - 46.2	40.7 - 47.7	105.63	Dry	Dry	Dry
	1/20/2015	48.67	45.7 - 46.2	40.7 - 47.7	105.63	Dry	Dry	Dry
	2/17/2015	48.67	45.7 - 46.2	40.7 - 47.7	105.63	Dry	Dry	Dry
	3/26/2015	48.67	45.7 - 46.2	40.7 - 47.7	105.63	Dry	Dry	Dry
	4/14/2015	48.67	45.7 - 46.2	40.7 - 47.7	105.63	Dry	Dry	Dry
	5/27/2015	48.67	45.7 - 46.2	40.7 - 47.7	105.63	Dry	Dry	Dry
	6/18/2015	48.67	45.7 - 46.2	40.7 - 47.7	105.63	Dry	Dry	Dry
	7/30/2015	48.67	45.7 - 46.2	40.7 - 47.7	105.63	Dry	Dry	Dry
	8/26/2015	48.67	45.7 - 46.2	40.7 - 47.7	105.63	Dry	Dry	Dry
	9/29/2015	48.67	45.7 - 46.2	40.7 - 47.7	105.63	Dry	Dry	Dry
	10/28/2015	48.67	45.7 - 46.2	40.7 - 47.7	105.63	Dry	Dry	Dry
	11/18/2015	48.67	45.7 - 46.2	40.7 - 47.7	105.63	Dry	Dry	Dry
	12/30/2015	48.67	45.7 - 46.2	40.7 - 47.7	105.63	Dry	Dry	Dry
	1/27/2016	48.67	45.7 - 46.2	40.7 - 47.7	105.63	Dry	Dry	Dry
	3/23/2016	48.67	45.7 - 46.2	40.7 - 47.7	105.63	Dry	Dry	Dry
	6/22/2016	48.67	45.7 - 46.2	40.7 - 47.7	105.63	Dry	Dry	Dry
	8/31/2016	48.67	45.7 - 46.2	40.7 - 47.7	105.63	Dry	Dry	Dry
	12/27/2016	48.67	45.7 - 46.2	40.7 - 47.7	105.63	Dry	Dry	Dry
	3/29/2017	48.67	45.7 - 46.2	40.7 - 47.7	105.63	Dry	Dry	Dry
	6/28/2017	48.67	45.7 - 46.2	40.7 - 47.7	105.63	Dry	Dry	Dry
	9/27/2017	48.67	45.7 - 46.2	40.7 - 47.7	105.63	Dry	Dry	Dry
	12/27/2017	48.67	45.7 - 46.2	40.7 - 47.7	105.63	Dry	Dry	Dry
VP-9G	1/26/2011	48.67	46.7 - 47.2	40.7 - 47.7	105.63	43.76	3.44	61.87
	3/23/2011	48.67	46.7 - 47.2	40.7 - 47.7	105.63	43.85	3.35	61.78
	11/18/2011	48.67	46.7 - 47.2	40.7 - 47.7	105.63	44.31	2.89	61.32
	4/10/2012	48.67	46.7 - 47.2	40.7 - 47.7	105.63	44.32	2.88	61.31
	5/11/2012	48.67	46.7 - 47.2	40.7 - 47.7	105.63	45	2.20	60.63
	5/16/2012	48.67	46.7 - 47.2	40.7 - 47.7	105.63	44.47	2.73	61.16
	5/31/2012	48.67	46.7 - 47.2	40.7 - 47.7	105.63	44.38	2.82	61.25

TABLE X
PERCHED GROUNDWATER LEVEL MEASUREMENTS
COOPER DRUM COMPANY SUPERFUND SITE
SOUTH GATE, CALIFORNIA

Well ID	Date Measured	Total Depth (ft bTOC)	Screened Interval (ft bTOC)	Filter Pack Sand Interval (ft bTOC)	TOC Elevation (NAVD88)	Depth to Water (ft bTOC)	Water Column (feet)	Perched Groundwater Elevation (NAVD88)
VP-9G	6/6/2012	48.67	46.7 - 47.2	40.7 - 47.7	105.63	46.13	1.07	59.50
	6/13/2012	48.67	46.7 - 47.2	40.7 - 47.7	105.63	43.51	3.69	62.12
	6/20/2012	48.67	46.7 - 47.2	40.7 - 47.7	105.63	44.34	2.86	61.29
	6/26/2012	48.67	46.7 - 47.2	40.7 - 47.7	105.63	45.15	2.05	60.48
	7/3/2012	48.67	46.7 - 47.2	40.7 - 47.7	105.63	45.7	1.50	59.93
	1/25/2013	48.67	46.7 - 47.2	40.7 - 47.7	105.63	45	2.20	60.63
	2/22/2013	48.67	46.7 - 47.2	40.7 - 47.7	105.63	45.08	2.12	60.55
	3/22/2013	48.67	46.7 - 47.2	40.7 - 47.7	105.63	45.14	2.06	60.49
	4/23/2013	48.67	46.7 - 47.2	40.7 - 47.7	105.63	45.19	2.01	60.44
	5/31/2013	48.67	46.7 - 47.2	40.7 - 47.7	105.63	45.25	1.95	60.38
	6/28/2013	48.67	46.7 - 47.2	40.7 - 47.7	105.63	45.28	1.92	60.35
	7/30/2013	48.67	46.7 - 47.2	40.7 - 47.7	105.63	45.31	1.89	60.32
	8/30/2013	48.67	46.7 - 47.2	40.7 - 47.7	105.63	45.35	1.85	60.28
	9/27/2013	48.67	46.7 - 47.2	40.7 - 47.7	105.63	45.41	1.79	60.22
	10/29/2013	48.67	46.7 - 47.2	40.7 - 47.7	105.63	45.45	1.75	60.18
	11/26/2013	48.67	46.7 - 47.2	40.7 - 47.7	105.63	45.52	1.68	60.11
	12/23/2013	48.67	46.7 - 47.2	40.7 - 47.7	105.63	45.63	1.57	60.00
	1/31/2014	48.67	46.7 - 47.2	40.7 - 47.7	105.63	46.12	1.08	59.51
	2/28/2014	48.67	46.7 - 47.2	40.7 - 47.7	105.63	46.44	0.76	59.19
	3/28/2014	48.67	46.7 - 47.2	40.7 - 47.7	105.63	47	0.20	58.63
	4/29/2014	48.67	46.7 - 47.2	40.7 - 47.7	105.63	Dry	Dry	Dry
	5/27/2014	48.67	46.7 - 47.2	40.7 - 47.7	105.63	Dry	Dry	Dry
	6/24/2014	48.67	46.7 - 47.2	40.7 - 47.7	105.63	Dry	Dry	Dry
	7/30/2014	48.67	46.7 - 47.2	40.7 - 47.7	105.63	Dry	Dry	Dry
	8/27/2014	48.67	46.7 - 47.2	40.7 - 47.7	105.63	Dry	Dry	Dry
	9/24/2014	48.67	46.7 - 47.2	40.7 - 47.7	105.63	Dry	Dry	Dry
	10/30/2014	48.67	46.7 - 47.2	40.7 - 47.7	105.63	Dry	Dry	Dry
	11/24/2014	48.67	46.7 - 47.2	40.7 - 47.7	105.63	Dry	Dry	Dry
	12/9/2014	48.67	46.7 - 47.2	40.7 - 47.7	105.63	Dry	Dry	Dry
	1/20/2015	48.67	46.7 - 47.2	40.7 - 47.7	105.63	Dry	Dry	Dry
	2/17/2015	48.67	46.7 - 47.2	40.7 - 47.7	105.63	Dry	Dry	Dry
	3/26/2015	48.67	46.7 - 47.2	40.7 - 47.7	105.63	Dry	Dry	Dry
	4/14/2015	48.67	46.7 - 47.2	40.7 - 47.7	105.63	Dry	Dry	Dry
	5/27/2015	48.67	46.7 - 47.2	40.7 - 47.7	105.63	Dry	Dry	Dry
	6/18/2015	48.67	46.7 - 47.2	40.7 - 47.7	105.63	Dry	Dry	Dry
	7/30/2015	48.67	46.7 - 47.2	40.7 - 47.7	105.63	Dry	Dry	Dry
	8/26/2015	48.67	46.7 - 47.2	40.7 - 47.7	105.63	Dry	Dry	Dry
	9/29/2015	48.67	46.7 - 47.2	40.7 - 47.7	105.63	Dry	Dry	Dry
	10/28/2015	48.67	46.7 - 47.2	40.7 - 47.7	105.63	Dry	Dry	Dry
	11/18/2015	48.67	46.7 - 47.2	40.7 - 47.7	105.63	Dry	Dry	Dry
	12/30/2015	48.67	46.7 - 47.2	40.7 - 47.7	105.63	Dry	Dry	Dry
	1/27/2016	48.67	46.7 - 47.2	40.7 - 47.7	105.63	Dry	Dry	Dry
	3/23/2016	48.67	46.7 - 47.2	40.7 - 47.7	105.63	Dry	Dry	Dry
	6/22/2016	48.67	46.7 - 47.2	40.7 - 47.7	105.63	Dry	Dry	Dry
	8/31/2016	48.67	46.7 - 47.2	40.7 - 47.7	105.63	Dry	Dry	Dry
	12/27/2016	48.67	46.7 - 47.2	40.7 - 47.7	105.63	Dry	Dry	Dry
	3/29/2017	48.67	46.7 - 47.2	40.7 - 47.7	105.63	Dry	Dry	Dry
	6/28/2017	48.67	46.7 - 47.2	40.7 - 47.7	105.63	Dry	Dry	Dry
	9/27/2017	48.67	46.7 - 47.2	40.7 - 47.7	105.63	Dry	Dry	Dry
	12/27/2017	48.67	46.7 - 47.2	40.7 - 47.7	105.63	Dry	Dry	Dry
VP-10D	1/26/2011	48.79	39.8 - 40.3	32.8 - 40.8	106.15	37.83	2.47	68.32
	11/18/2011	48.79	39.8 - 40.3	32.8 - 40.8	106.15	38.05	2.25	68.10
	4/10/2012	48.79	39.8 - 40.3	32.8 - 40.8	106.15	37.57	2.73	68.58
	5/11/2012	48.79	39.8 - 40.3	32.8 - 40.8	106.15	NM	NM	NM
	5/16/2012	48.79	39.8 - 40.3	32.8 - 40.8	106.15	38.7	1.60	67.45
	5/31/2012	48.79	39.8 - 40.3	32.8 - 40.8	106.15	38.15	2.15	68.00
	6/6/2012	48.79	39.8 - 40.3	32.8 - 40.8	106.15	38.77	1.53	67.38
	6/13/2012	48.79	39.8 - 40.3	32.8 - 40.8	106.15	38.5	1.80	67.65
	6/20/2012	48.79	39.8 - 40.3	32.8 - 40.8	106.15	38.95	1.35	67.20
	6/26/2012	48.79	39.8 - 40.3	32.8 - 40.8	106.15	38.08	2.22	68.07
	7/3/2012	48.79	39.8 - 40.3	32.8 - 40.8	106.15	37.95	2.35	68.20
	1/25/2013	48.79	39.8 - 40.3	32.8 - 40.8	106.15	38.34	1.96	67.81
	2/22/2013	48.79	39.8 - 40.3	32.8 - 40.8	106.15	38.36	1.94	67.79
	3/22/2013	48.79	39.8 - 40.3	32.8 - 40.8	106.15	38.39	1.91	67.76
	4/23/2013	48.79	39.8 - 40.3	32.8 - 40.8	106.15	38.42	1.88	67.21
	5/31/2013	48.79	39.8 - 40.3	32.8 - 40.8	106.15	38.51	1.79	67.12
	6/28/2013	48.79	39.8 - 40.3	32.8 - 40.8	106.15	38.52	1.78	67.11
	7/30/2013	48.79	39.8 - 40.3	32.8 - 40.8	106.15	38.54	1.76	67.09
	8/30/2013	48.79	39.8 - 40.3	32.8 - 40.8	106.15	38.55	1.75	67.08
	9/27/2013	48.79	39.8 - 40.3	32.8 - 40.8	106.15	38.56	1.74	67.07
	10/29/2013	48.79	39.8 - 40.3	32.8 - 40.8	106.15	38.58	1.72	67.05
	11/26/2013	48.79	39.8 - 40.3	32.8 - 40.8	106.15	38.6	1.70	67.03
	12/23/2013	48.79	39.8 - 40.3	32.8 - 40.8	106.15	38.63	1.67	67.00
	1/31/2014	48.79	39.8 - 40.3	32.8 - 40.8	106.15	38.7	1.60	66.93

TABLE X
PERCHED GROUNDWATER LEVEL MEASUREMENTS
COOPER DRUM COMPANY SUPERFUND SITE
SOUTH GATE, CALIFORNIA

Well ID	Date Measured	Total Depth (ft bTOC)	Screened Interval (ft bTOC)	Filter Pack Sand Interval (ft bTOC)	TOC Elevation (NAVD88)	Depth to Water (ft bTOC)	Water Column (feet)	Perched Groundwater Elevation (NAVD88)
VP-10D	2/28/2014	48.79	39.8 - 40.3	32.8 - 40.8	106.15	38.65	1.65	66.98
	3/28/2014	48.79	39.8 - 40.3	32.8 - 40.8	106.15	38.62	1.68	67.01
	4/29/2014	48.79	39.8 - 40.3	32.8 - 40.8	106.15	38.64	1.66	66.99
	5/27/2014	48.79	39.8 - 40.3	32.8 - 40.8	106.15	38.63	1.67	67.00
	6/24/2014	48.79	39.8 - 40.3	32.8 - 40.8	106.15	38.62	1.68	67.01
	7/30/2014	48.79	39.8 - 40.3	32.8 - 40.8	106.15	38.65	1.65	66.98
	8/27/2014	48.79	39.8 - 40.3	32.8 - 40.8	106.15	39.19	1.11	66.44
	9/24/2014	48.79	39.8 - 40.3	32.8 - 40.8	106.15	39.76	0.54	65.87
	10/30/2014	48.79	39.8 - 40.3	32.8 - 40.8	106.15	39.76	0.54	65.87
	11/24/2014	48.79	39.8 - 40.3	32.8 - 40.8	106.15	39.80	0.50	65.83
	12/9/2014	48.79	39.8 - 40.3	32.8 - 40.8	106.15	39.82	0.48	65.81
	1/20/2015	48.79	39.8 - 40.3	32.8 - 40.8	106.15	40.00	Dry	Dry
	2/17/2015	48.79	39.8 - 40.3	32.8 - 40.8	106.15	40.20	Dry	Dry
	3/26/2015	48.79	39.8 - 40.3	32.8 - 40.8	106.15	40.35	Dry	Dry
	4/14/2015	48.79	39.8 - 40.3	32.8 - 40.8	106.15	40.35	Dry	Dry
	5/27/2015	48.79	39.8 - 40.3	32.8 - 40.8	106.15	40.35	Dry	Dry
	6/18/2015	48.79	39.8 - 40.3	32.8 - 40.8	106.15	40.35	Dry	Dry
	7/30/2015	48.79	39.8 - 40.3	32.8 - 40.8	106.15	40.35	Dry	Dry
	8/26/2015	48.79	39.8 - 40.3	32.8 - 40.8	106.15	40.35	Dry	Dry
	9/29/2015	48.79	39.8 - 40.3	32.8 - 40.8	106.15	40.35	Dry	Dry
	10/28/2015	48.79	39.8 - 40.3	32.8 - 40.8	106.15	40.35	Dry	Dry
	11/18/2015	48.79	39.8 - 40.3	32.8 - 40.8	106.15	40.35	Dry	Dry
	12/30/2015	48.79	39.8 - 40.3	32.8 - 40.8	106.15	40.35	Dry	Dry
	1/27/2016	48.79	39.8 - 40.3	32.8 - 40.8	106.15	40.35	Dry	Dry
	3/23/2016	48.79	39.8 - 40.3	32.8 - 40.8	106.15	40.35	Dry	Dry
	6/22/2016	48.79	39.8 - 40.3	32.8 - 40.8	106.15	40.35	Dry	Dry
	8/31/2016	48.79	39.8 - 40.3	32.8 - 40.8	106.15	40.35	Dry	Dry
	12/27/2016	48.79	39.8 - 40.3	32.8 - 40.8	106.15	40.35	Dry	Dry
	3/29/2017	48.79	39.8 - 40.3	32.8 - 40.8	106.15	40.35	Dry	Dry
	6/28/2017	48.79	39.8 - 40.3	32.8 - 40.8	106.15	40.35	Dry	Dry
	9/27/2017	48.79	39.8 - 40.3	32.8 - 40.8	106.15	40.35	Dry	Dry
	12/27/2017	48.79	39.8 - 40.3	32.8 - 40.8	106.15	40.35	Dry	Dry
VP-10E	1/26/2011	48.79	38.8 - 39.3	32.8 - 40.8	106.15	37.85	1.45	68.30
	3/23/2011	48.79	38.8 - 39.3	32.8 - 40.8	106.15	38.39	0.91	67.76
	11/18/2011	48.79	38.8 - 39.3	32.8 - 40.8	106.15	38.05	1.25	68.10
	4/10/2012	48.79	38.8 - 39.3	32.8 - 40.8	106.15	38.3	1.00	67.85
	5/11/2012	48.79	38.8 - 39.3	32.8 - 40.8	106.15	NM	NM	NM
	5/16/2012	48.79	38.8 - 39.3	32.8 - 40.8	106.15	38.88	0.42	67.27
	5/31/2012	48.79	38.8 - 39.3	32.8 - 40.8	106.15	38.18	1.12	67.97
	6/6/2012	48.79	38.8 - 39.3	32.8 - 40.8	106.15	(38.90)	NA	NA
	6/13/2012	48.79	38.8 - 39.3	32.8 - 40.8	106.15	38.87	0.43	67.28
	6/20/2012	48.79	38.8 - 39.3	32.8 - 40.8	106.15	38.85	0.45	67.30
	6/26/2012	48.79	38.8 - 39.3	32.8 - 40.8	106.15	37.62	1.68	68.53
	7/3/2012	48.79	38.8 - 39.3	32.8 - 40.8	106.15	38	1.30	68.15
	1/25/2013	48.79	38.8 - 39.3	32.8 - 40.8	106.15	38.4	0.90	67.75
	2/22/2013	48.79	38.8 - 39.3	32.8 - 40.8	106.15	38.49	0.81	67.66
	3/22/2013	48.79	38.8 - 39.3	32.8 - 40.8	106.15	38.48	0.82	67.67
	4/23/2013	48.79	38.8 - 39.3	32.8 - 40.8	106.15	38.52	0.78	67.11
	5/31/2013	48.79	38.8 - 39.3	32.8 - 40.8	106.15	38.62	0.68	67.01
	6/28/2013	48.79	38.8 - 39.3	32.8 - 40.8	106.15	38.63	0.67	67.00
	7/30/2013	48.79	38.8 - 39.3	32.8 - 40.8	106.15	38.65	0.65	66.98
	8/30/2013	48.79	38.8 - 39.3	32.8 - 40.8	106.15	38.71	0.59	66.92
	9/27/2013	48.79	38.8 - 39.3	32.8 - 40.8	106.15	38.7	0.60	66.93
	10/29/2013	48.79	38.8 - 39.3	32.8 - 40.8	106.15	38.74	0.56	66.89
	11/26/2013	48.79	38.8 - 39.3	32.8 - 40.8	106.15	38.78	0.52	66.85
	12/23/2013	48.79	38.8 - 39.3	32.8 - 40.8	106.15	38.83	0.47	66.80
	1/31/2014	48.79	38.8 - 39.3	32.8 - 40.8	106.15	38.9	0.40	66.73
	2/28/2014	48.79	38.8 - 39.3	32.8 - 40.8	106.15	38.95	0.35	66.68
	3/28/2014	48.79	38.8 - 39.3	32.8 - 40.8	106.15	38.99	0.31	66.64
	4/29/2014	48.79	38.8 - 39.3	32.8 - 40.8	106.15	39.00	0.30	66.63
	5/27/2014	48.79	38.8 - 39.3	32.8 - 40.8	106.15	39.04	0.26	66.59
	6/24/2014	48.79	38.8 - 39.3	32.8 - 40.8	106.15	39.10	0.20	66.53
	7/30/2014	48.79	38.8 - 39.3	32.8 - 40.8	106.15	39.00	0.30	66.63
	8/27/2014	48.79	38.8 - 39.3	32.8 - 40.8	106.15	38.92	0.38	66.71
	9/24/2014	48.79	38.8 - 39.3	32.8 - 40.8	106.15	38.82	0.48	66.81
	10/30/2014	48.79	38.8 - 39.3	32.8 - 40.8	106.15	38.84	0.46	66.79
	11/24/2014	48.79	38.8 - 39.3	32.8 - 40.8	106.15	38.84	0.46	66.79
	12/9/2014	48.79	38.8 - 39.3	32.8 - 40.8	106.15	38.86	0.44	66.77
	1/20/2015	48.79	38.8 - 39.3	32.8 - 40.8	106.15	39.35	Dry	Dry
	2/17/2015	48.79	38.8 - 39.3	32.8 - 40.8	106.15	39.35	Dry	Dry
	3/26/2015	48.79	38.8 - 39.3	32.8 - 40.8	106.15	39.35	Dry	Dry
	4/14/2015	48.79	38.8 - 39.3	32.8 - 40.8	106.15	39.35	Dry	Dry
	5/27/2015	48.79	38.8 - 39.3	32.8 - 40.8	106.15	39.35	Dry	Dry
	6/18/2015	48.79	38.8 - 39.3	32.8 - 40.8	106.15	39.35	Dry	Dry

TABLE X
PERCHED GROUNDWATER LEVEL MEASUREMENTS
COOPER DRUM COMPANY SUPERFUND SITE
SOUTH GATE, CALIFORNIA

Well ID	Date Measured	Total Depth (ft bTOC)	Screened Interval (ft bTOC)	Filter Pack Sand Interval (ft bTOC)	TOC Elevation (NAVD88)	Depth to Water (ft bTOC)	Water Column (feet)	Perched Groundwater Elevation (NAVD88)
VP-10E	7/30/2015	48.79	38.8 - 39.3	32.8 - 40.8	106.15	39.35	Dry	Dry
	8/26/2015	48.79	38.8 - 39.3	32.8 - 40.8	106.15	39.35	Dry	Dry
	9/29/2015	48.79	38.8 - 39.3	32.8 - 40.8	106.15	39.35	Dry	Dry
	10/28/2015	48.79	38.8 - 39.3	32.8 - 40.8	106.15	39.35	Dry	Dry
	11/18/2015	48.79	38.8 - 39.3	32.8 - 40.8	106.15	39.35	Dry	Dry
	12/30/2015	48.79	38.8 - 39.3	32.8 - 40.8	106.15	39.35	Dry	Dry
	1/27/2016	48.79	38.8 - 39.3	32.8 - 40.8	106.15	39.35	Dry	Dry
	3/23/2016	48.79	38.8 - 39.3	32.8 - 40.8	106.15	39.35	Dry	Dry
	6/22/2016	48.79	38.8 - 39.3	32.8 - 40.8	106.15	39.35	Dry	Dry
	8/31/2016	48.79	38.8 - 39.3	32.8 - 40.8	106.15	39.35	Dry	Dry
	12/27/2016	48.79	38.8 - 39.3	32.8 - 40.8	106.15	39.35	Dry	Dry
	3/29/2017	48.79	38.8 - 39.3	32.8 - 40.8	106.15	39.35	Dry	Dry
	6/28/2017	48.79	38.8 - 39.3	32.8 - 40.8	106.15	39.35	Dry	Dry
	9/27/2017	48.79	38.8 - 39.3	32.8 - 40.8	106.15	39.35	Dry	Dry
	12/27/2017	48.79	38.8 - 39.3	32.8 - 40.8	106.15	39.35	Dry	Dry
VP-10F	1/26/2011	48.79	46.3 - 46.8	44.3 - 47.8	106.15	42.74	4.06	63.41
	3/23/2011	48.79	46.3 - 46.8	44.3 - 47.8	106.15	42.75	4.05	63.40
	11/18/2011	48.79	46.3 - 46.8	44.3 - 47.8	106.15	42.21	4.59	63.94
	4/10/2012	48.79	46.3 - 46.8	44.3 - 47.8	106.15	42.42	4.38	63.73
	5/11/2012	48.79	46.3 - 46.8	44.3 - 47.8	106.15	NM	NM	NM
	5/16/2012	48.79	46.3 - 46.8	44.3 - 47.8	106.15	43.42	3.38	62.73
	5/31/2012	48.79	46.3 - 46.8	44.3 - 47.8	106.15	43.85	2.95	62.30
	6/6/2012	48.79	46.3 - 46.8	44.3 - 47.8	106.15	44.88	1.92	61.27
	6/13/2012	48.79	46.3 - 46.8	44.3 - 47.8	106.15	44.07	2.73	62.08
	6/20/2012	48.79	46.3 - 46.8	44.3 - 47.8	106.15	44.13	2.67	62.02
	6/26/2012	48.79	46.3 - 46.8	44.3 - 47.8	106.15	45.5	1.30	60.65
	7/3/2012	48.79	46.3 - 46.8	44.3 - 47.8	106.15	43.85	2.95	60.65
	1/25/2013	48.79	46.3 - 46.8	44.3 - 47.8	106.15	43.03	3.77	63.12
	2/22/2013	48.79	46.3 - 46.8	44.3 - 47.8	106.15	43.16	3.64	62.99
	3/22/2013	48.79	46.3 - 46.8	44.3 - 47.8	106.15	43.19	3.61	62.96
	4/23/2013	48.79	46.3 - 46.8	44.3 - 47.8	106.15	43.25	3.55	62.38
	5/31/2013	48.79	46.3 - 46.8	44.3 - 47.8	106.15	43.33	3.47	62.30
	6/28/2013	48.79	46.3 - 46.8	44.3 - 47.8	106.15	43.35	3.45	62.28
	7/30/2013	48.79	46.3 - 46.8	44.3 - 47.8	106.15	43.41	3.39	62.22
	8/30/2013	48.79	46.3 - 46.8	44.3 - 47.8	106.15	43.45	3.35	62.18
	9/27/2013	48.79	46.3 - 46.8	44.3 - 47.8	106.15	43.52	3.28	62.11
	10/29/2013	48.79	46.3 - 46.8	44.3 - 47.8	106.15	43.59	3.21	62.04
	11/26/2013	48.79	46.3 - 46.8	44.3 - 47.8	106.15	43.66	3.14	61.97
	12/23/2013	48.79	46.3 - 46.8	44.3 - 47.8	106.15	43.71	3.09	61.92
	1/31/2014	48.79	46.3 - 46.8	44.3 - 47.8	106.15	43.85	2.95	61.78
	2/28/2014	48.79	46.3 - 46.8	44.3 - 47.8	106.15	43.91	2.89	61.72
	3/28/2014	48.79	46.3 - 46.8	44.3 - 47.8	106.15	44.01	2.79	61.62
	4/29/2014	48.79	46.3 - 46.8	44.3 - 47.8	106.15	44.05	2.75	61.58
	5/27/2014	48.79	46.3 - 46.8	44.3 - 47.8	106.15	44.11	2.69	61.52
	6/24/2014	48.79	46.3 - 46.8	44.3 - 47.8	106.15	44.15	2.65	61.48
	7/30/2014	48.79	46.3 - 46.8	44.3 - 47.8	106.15	45.00	1.80	60.63
	8/27/2014	48.79	46.3 - 46.8	44.3 - 47.8	106.15	45.82	0.98	59.81
	9/24/2014	48.79	46.3 - 46.8	44.3 - 47.8	106.15	46.20	0.60	59.43
	10/30/2014	48.79	46.3 - 46.8	44.3 - 47.8	106.15	46.33	0.47	59.30
	11/24/2014	48.79	46.3 - 46.8	44.3 - 47.8	106.15	46.5	0.3	59.13
	12/9/2014	48.79	46.3 - 46.8	44.3 - 47.8	106.15	46.21	0.59	59.42
	1/20/2015	48.79	46.3 - 46.8	44.3 - 47.8	106.15	46.50	0.30	59.13
	2/17/2015	48.79	46.3 - 46.8	44.3 - 47.8	106.15	46.88	Dry	Dry
	3/26/2015	48.79	46.3 - 46.8	44.3 - 47.8	106.15	46.88	Dry	Dry
	4/14/2015	48.79	46.3 - 46.8	44.3 - 47.8	106.15	46.88	Dry	Dry
	5/27/2015	48.79	46.3 - 46.8	44.3 - 47.8	106.15	46.88	Dry	Dry
	6/18/2015	48.79	46.3 - 46.8	44.3 - 47.8	106.15	46.88	Dry	Dry
	7/30/2015	48.79	46.3 - 46.8	44.3 - 47.8	106.15	46.88	Dry	Dry
	8/26/2015	48.79	46.3 - 46.8	44.3 - 47.8	106.15	46.88	Dry	Dry
	9/29/2015	48.79	46.3 - 46.8	44.3 - 47.8	106.15	46.88	Dry	Dry
	10/28/2015	48.79	46.3 - 46.8	44.3 - 47.8	106.15	46.88	Dry	Dry
	11/18/2015	48.79	46.3 - 46.8	44.3 - 47.8	106.15	46.88	Dry	Dry
	12/30/2015	48.79	46.3 - 46.8	44.3 - 47.8	106.15	46.88	Dry	Dry
	1/27/2016	48.79	46.3 - 46.8	44.3 - 47.8	106.15	46.88	Dry	Dry
	3/23/2016	48.79	46.3 - 46.8	44.3 - 47.8	106.15	46.88	Dry	Dry
	6/22/2016	48.79	46.3 - 46.8	44.3 - 47.8	106.15	46.88	Dry	Dry
	8/31/2016	48.79	46.3 - 46.8	44.3 - 47.8	106.15	46.88	Dry	Dry
	12/27/2016	48.79	46.3 - 46.8	44.3 - 47.8	106.15	46.88	Dry	Dry
	3/29/2017	48.79	46.3 - 46.8	44.3 - 47.8	106.15	46.88	Dry	Dry
	6/28/2017	48.79	46.3 - 46.8	44.3 - 47.8	106.15	46.88	Dry	Dry
	9/27/2017	48.79	46.3 - 46.8	44.3 - 47.8	106.15	46.88	Dry	Dry
	12/27/2017	48.79	46.3 - 46.8	44.3 - 47.8	106.15	46.88	Dry	Dry

TABLE X
PERCHED GROUNDWATER LEVEL MEASUREMENTS
COOPER DRUM COMPANY SUPERFUND SITE
SOUTH GATE, CALIFORNIA

Well ID	Date Measured	Total Depth (ft bTOC)	Screened Interval (ft bTOC)	Filter Pack Sand Interval (ft bTOC)	TOC Elevation (NAVD88)	Depth to Water (ft bTOC)	Water Column (feet)	Perched Groundwater Elevation (NAVD88)
VP-10G	1/26/2011	48.79	46.8 - 47.3	44.3 - 47.8	106.15	38.27 *	9.03*	67.88 *
	11/18/2011	48.79	46.8 - 47.3	44.3 - 47.8	106.15	38.00 *	9.30 *	68.15 *
	4/10/2012	48.79	46.8 - 47.3	44.3 - 47.8	106.15	33.24	14.06	72.91
	5/11/2012	48.79	46.8 - 47.3	44.3 - 47.8	106.15	NM	NM	NM
	5/16/2012	48.79	46.8 - 47.3	44.3 - 47.8	106.15	34.65	12.65	71.50
	5/31/2012	48.79	46.8 - 47.3	44.3 - 47.8	106.15	34.68	12.62	71.47
	6/6/2012	48.79	46.8 - 47.3	44.3 - 47.8	106.15	34.95	12.35	71.20
	6/13/2012	48.79	46.8 - 47.3	44.3 - 47.8	106.15	35.30	12.00	70.85
	6/20/2012	48.79	46.8 - 47.3	44.3 - 47.8	106.15	35.70	11.60	70.45
	6/26/2012	48.79	46.8 - 47.3	44.3 - 47.8	106.15	(46.00)	NA	NA
	7/3/2012	48.79	46.8 - 47.3	44.3 - 47.8	106.15	43.85	3.45	62.30
	1/25/2013	48.79	46.8 - 47.3	44.3 - 47.8	106.15	38.19	9.11	67.96
	2/22/2013	48.79	46.8 - 47.3	44.3 - 47.8	106.15	38.17	9.13	67.98
	3/22/2013	48.79	46.8 - 47.3	44.3 - 47.8	106.15	38.22	9.08	67.93
	4/23/2013	48.79	46.8 - 47.3	44.3 - 47.8	106.15	38.29	9.01	67.34
	5/31/2013	48.79	46.8 - 47.3	44.3 - 47.8	106.15	38.34	8.96	67.29
	6/28/2013	48.79	46.8 - 47.3	44.3 - 47.8	106.15	38.35	8.95	67.28
	7/30/2013	48.79	46.8 - 47.3	44.3 - 47.8	106.15	38.42	8.88	67.21
	8/30/2013	48.79	46.8 - 47.3	44.3 - 47.8	106.15	38.51	8.79	67.12
	9/27/2013	48.79	46.8 - 47.3	44.3 - 47.8	106.15	38.60	8.70	67.03
	10/29/2013	48.79	46.8 - 47.3	44.3 - 47.8	106.15	38.57	8.73	67.06
	11/26/2013	48.79	46.8 - 47.3	44.3 - 47.8	106.15	38.60	8.70	67.03
	12/23/2013	48.79	46.8 - 47.3	44.3 - 47.8	106.15	38.63	8.67	67.00
	1/31/2014	48.79	46.8 - 47.3	44.3 - 47.8	106.15	38.70	8.60	66.93
	2/28/2014	48.79	46.8 - 47.3	44.3 - 47.8	106.15	38.74	8.56	66.89
	3/28/2014	48.79	46.8 - 47.3	44.3 - 47.8	106.15	38.80	8.50	66.83
	4/29/2014	48.79	46.8 - 47.3	44.3 - 47.8	106.15	38.91	8.39	66.72
	5/27/2014	48.79	46.8 - 47.3	44.3 - 47.8	106.15	39.00	8.30	66.63
	6/24/2014	48.79	46.8 - 47.3	44.3 - 47.8	106.15	39.26	8.04	66.37
	7/30/2014	48.79	46.8 - 47.3	44.3 - 47.8	106.15	42	5.3	63.63
	8/27/2014	48.79	46.8 - 47.3	44.3 - 47.8	106.15	44	3.3	61.63
	9/24/2014	48.79	46.8 - 47.3	44.3 - 47.8	106.15	46.20	1.10	59.43
	10/30/2014	48.79	46.8 - 47.3	44.3 - 47.8	106.15	46.52	0.78	59.11
	11/24/2014	48.79	46.8 - 47.3	44.3 - 47.8	106.15	46.61	0.69	59.02
	12/9/2014	48.79	46.8 - 47.3	44.3 - 47.8	106.15	46.43	0.87	59.20
	1/20/2015	48.79	46.8 - 47.3	44.3 - 47.8	106.15	46.96	0.34	58.67
	2/17/2015	48.79	46.8 - 47.3	44.3 - 47.8	106.15	47.40	Dry	Dry
	3/26/2015	48.79	46.8 - 47.3	44.3 - 47.8	106.15	47.30	Dry	Dry
	4/14/2015	48.79	46.8 - 47.3	44.3 - 47.8	106.15	47.30	Dry	Dry
	5/27/2015	48.79	46.8 - 47.3	44.3 - 47.8	106.15	47.30	Dry	Dry
	6/18/2015	48.79	46.8 - 47.3	44.3 - 47.8	106.15	47.30	Dry	Dry
	7/30/2015	48.79	46.8 - 47.3	44.3 - 47.8	106.15	47.30	Dry	Dry
	8/26/2015	48.79	46.8 - 47.3	44.3 - 47.8	106.15	47.30	Dry	Dry
	9/29/2015	48.79	46.8 - 47.3	44.3 - 47.8	106.15	47.30	Dry	Dry
	10/28/2015	48.79	46.8 - 47.3	44.3 - 47.8	106.15	47.30	Dry	Dry
	11/18/2015	48.79	46.8 - 47.3	44.3 - 47.8	106.15	47.30	Dry	Dry
	12/30/2015	48.79	46.8 - 47.3	44.3 - 47.8	106.15	47.30	Dry	Dry
	1/27/2016	48.79	46.8 - 47.3	44.3 - 47.8	106.15	47.30	Dry	Dry
	3/23/2016	48.79	46.8 - 47.3	44.3 - 47.8	106.15	47.30	Dry	Dry
	6/22/2016	48.79	46.8 - 47.3	44.3 - 47.8	106.15	47.30	Dry	Dry
	8/31/2016	48.79	46.8 - 47.3	44.3 - 47.8	106.15	47.30	Dry	Dry
	12/27/2016	48.79	46.8 - 47.3	44.3 - 47.8	106.15	47.30	Dry	Dry
	3/29/2017	48.79	46.8 - 47.3	44.3 - 47.8	106.15	47.30	Dry	Dry
	6/28/2017	48.79	46.8 - 47.3	44.3 - 47.8	106.15	47.30	Dry	Dry
	9/27/2017	48.79	46.8 - 47.3	44.3 - 47.8	106.15	47.30	Dry	Dry
	12/27/2017	48.79	46.8 - 47.3	44.3 - 47.8	106.15	47.30	Dry	Dry
VP-11D	11/18/2011	48.48	41.5 - 42.0	32.0 - 42.5	105.44	38.77	3.23	66.67
	4/10/2012	48.48	41.5 - 42.0	32.0 - 42.5	105.44	39.38	2.62	66.06
	5/11/2012	48.48	41.5 - 42.0	32.0 - 42.5	105.44	NM	NM	NM
	5/16/2012	48.48	41.5 - 42.0	32.0 - 42.5	105.44	38.87	3.13	66.57
	5/31/2012	48.48	41.5 - 42.0	32.0 - 42.5	105.44	41.45	0.55	63.99
	6/6/2012	48.48	41.5 - 42.0	32.0 - 42.5	105.44	39.10	2.90	66.34
	6/13/2012	48.48	41.5 - 42.0	32.0 - 42.5	105.44	39.40	2.60	66.04
	6/20/2012	48.48	41.5 - 42.0	32.0 - 42.5	105.44	39.22	2.78	66.22
	6/26/2012	48.48	41.5 - 42.0	32.0 - 42.5	105.44	41.05	0.95	64.39
	7/3/2012	48.48	41.5 - 42.0	32.0 - 42.5	105.44	38.95	3.05	66.49
	1/25/2013	48.48	41.5 - 42.0	32.0 - 42.5	105.44	40.75	1.25	64.69
	2/22/2013	48.48	41.5 - 42.0	32.0 - 42.5	105.44	40.71	1.29	64.73
	3/22/2013	48.48	41.5 - 42.0	32.0 - 42.5	105.44	40.77	1.23	64.67
	4/23/2013	48.48	41.5 - 42.0	32.0 - 42.5	105.44	40.82	1.18	64.81
	5/31/2013	48.48	41.5 - 42.0	32.0 - 42.5	105.44	40.99	1.01	64.64
	6/28/2013	48.48	41.5 - 42.0	32.0 - 42.5	105.44	41.00	1.00	64.63
	7/30/2013	48.48	41.5 - 42.0	32.0 - 42.5	105.44	41.15	0.85	64.48
	8/30/2013	48.48	41.5 - 42.0	32.0 - 42.5	105.44	41.26	0.74	64.37

TABLE X
PERCHED GROUNDWATER LEVEL MEASUREMENTS
COOPER DRUM COMPANY SUPERFUND SITE
SOUTH GATE, CALIFORNIA

Well ID	Date Measured	Total Depth (ft bTOC)	Screened Interval (ft bTOC)	Filter Pack Sand Interval (ft bTOC)	TOC Elevation (NAVD88)	Depth to Water (ft bTOC)	Water Column (feet)	Perched Groundwater Elevation (NAVD88)
VP-11D	9/27/2013	48.48	41.5 - 42.0	32.0 - 42.5	105.44	41.37	0.63	64.26
	10/29/2013	48.48	41.5 - 42.0	32.0 - 42.5	105.44	41.44	0.56	64.19
	11/26/2013	48.48	41.5 - 42.0	32.0 - 42.5	105.44	41.73	0.27	63.90
	12/23/2013	48.48	41.5 - 42.0	32.0 - 42.5	105.44	42.02	Dry	Dry
	1/31/2014	48.48	41.5 - 42.0	32.0 - 42.5	105.44	42.02	Dry	Dry
	2/28/2014	48.48	41.5 - 42.0	32.0 - 42.5	105.44	42.02	Dry	Dry
	3/28/2014	48.48	41.5 - 42.0	32.0 - 42.5	105.44	42.02	Dry	Dry
	4/29/2014	48.48	41.5 - 42.0	32.0 - 42.5	105.44	42.02	Dry	Dry
	5/27/2014	48.48	41.5 - 42.0	32.0 - 42.5	105.44	42.02	Dry	Dry
	6/24/2014	48.48	41.5 - 42.0	32.0 - 42.5	105.44	42.02	Dry	Dry
	7/30/2014	48.48	41.5 - 42.0	32.0 - 42.5	105.44	42.02	Dry	Dry
	8/27/2014	48.48	41.5 - 42.0	32.0 - 42.5	105.44	42.02	Dry	Dry
	9/24/2014	48.48	41.5 - 42.0	32.0 - 42.5	105.44	41.9	Dry	Dry
	10/30/2014	48.48	41.5 - 42.0	32.0 - 42.5	105.44	42	Dry	Dry
	11/24/2014	48.48	41.5 - 42.0	32.0 - 42.5	105.44	42	Dry	Dry
	12/9/2014	48.48	41.5 - 42.0	32.0 - 42.5	105.44	42	Dry	Dry
	1/20/2015	48.48	41.5 - 42.0	32.0 - 42.5	105.44	42	Dry	Dry
	2/17/2015	48.48	41.5 - 42.0	32.0 - 42.5	105.44	42	Dry	Dry
	3/26/2015	48.48	41.5 - 42.0	32.0 - 42.5	105.44	42	Dry	Dry
	4/14/2015	48.48	41.5 - 42.0	32.0 - 42.5	105.44	42	Dry	Dry
	5/27/2015	48.48	41.5 - 42.0	32.0 - 42.5	105.44	42	Dry	Dry
	6/18/2015	48.48	41.5 - 42.0	32.0 - 42.5	105.44	42	Dry	Dry
	7/30/2015	48.48	41.5 - 42.0	32.0 - 42.5	105.44	42	Dry	Dry
	8/26/2015	48.48	41.5 - 42.0	32.0 - 42.5	105.44	42	Dry	Dry
	9/29/2015	48.48	41.5 - 42.0	32.0 - 42.5	105.44	42	Dry	Dry
	10/28/2015	48.48	41.5 - 42.0	32.0 - 42.5	105.44	42	Dry	Dry
	11/18/2015	48.48	41.5 - 42.0	32.0 - 42.5	105.44	42	Dry	Dry
	12/30/2015	48.48	41.5 - 42.0	32.0 - 42.5	105.44	42	Dry	Dry
	1/27/2016	48.48	41.5 - 42.0	32.0 - 42.5	105.44	42	Dry	Dry
	3/23/2016	48.48	41.5 - 42.0	32.0 - 42.5	105.44	42	Dry	Dry
	6/22/2016	48.48	41.5 - 42.0	32.0 - 42.5	105.44	42	Dry	Dry
	8/31/2016	48.48	41.5 - 42.0	32.0 - 42.5	105.44	42	Dry	Dry
	12/27/2016	48.48	41.5 - 42.0	32.0 - 42.5	105.44	42	Dry	Dry
	3/29/2017	48.48	41.5 - 42.0	32.0 - 42.5	105.44	42	Dry	Dry
	6/28/2017	48.48	41.5 - 42.0	32.0 - 42.5	105.44	42	Dry	Dry
	9/27/2017	48.48	41.5 - 42.0	32.0 - 42.5	105.44	42	Dry	Dry
	12/27/2017	48.48	41.5 - 42.0	32.0 - 42.5	105.44	42	Dry	Dry
VP-11E	1/26/2011	48.48	40.5 - 41.0	32.0 - 42.5	105.44	38.24	2.76	67.20
	3/23/2011	48.48	40.5 - 41.0	32.0 - 42.5	105.44	38.75	2.25	66.69
	11/18/2011	48.48	40.5 - 41.0	32.0 - 42.5	105.44	38.79	2.21	66.65
	4/10/2012	48.48	40.5 - 41.0	32.0 - 42.5	105.44	39.43	1.57	66.01
	5/11/2012	48.48	40.5 - 41.0	32.0 - 42.5	105.44	NM	NM	NM
	5/16/2012	48.48	40.5 - 41.0	32.0 - 42.5	105.44	38.97	2.03	66.47
	5/31/2012	48.48	40.5 - 41.0	32.0 - 42.5	105.44	40.05	0.95	65.39
	6/6/2012	48.48	40.5 - 41.0	32.0 - 42.5	105.44	39.39	1.61	66.05
	6/13/2012	48.48	40.5 - 41.0	32.0 - 42.5	105.44	39.55	1.45	65.89
	6/20/2012	48.48	40.5 - 41.0	32.0 - 42.5	105.44	39.42	1.58	66.02
	6/26/2012	48.48	40.5 - 41.0	32.0 - 42.5	105.44	40.78	0.22	64.66
	7/3/2012	48.48	40.5 - 41.0	32.0 - 42.5	105.44	38.92	2.08	66.52
	1/25/2013	48.48	40.5 - 41.0	32.0 - 42.5	105.44	40.78	0.22	64.66
	2/22/2013	48.48	40.5 - 41.0	32.0 - 42.5	105.44	40.76	0.24	64.68
	3/22/2013	48.48	40.5 - 41.0	32.0 - 42.5	105.44	Dry	Dry	Dry
	4/23/2013	48.48	40.5 - 41.0	32.0 - 42.5	105.44	Dry	Dry	Dry
	5/31/2013	48.48	40.5 - 41.0	32.0 - 42.5	105.44	Dry	Dry	Dry
	6/28/2013	48.48	40.5 - 41.0	32.0 - 42.5	105.44	Dry	Dry	Dry
	7/30/2013	48.48	40.5 - 41.0	32.0 - 42.5	105.44	Dry	Dry	Dry
	8/30/2013	48.48	40.5 - 41.0	32.0 - 42.5	105.44	Dry	Dry	Dry
	9/27/2013	48.48	40.5 - 41.0	32.0 - 42.5	105.44	Dry	Dry	Dry
	10/29/2013	48.48	40.5 - 41.0	32.0 - 42.5	105.44	Dry	Dry	Dry
	11/26/2013	48.48	40.5 - 41.0	32.0 - 42.5	105.44	Dry	Dry	Dry
	12/23/2013	48.48	40.5 - 41.0	32.0 - 42.5	105.44	Dry	Dry	Dry
	1/31/2014	48.48	40.5 - 41.0	32.0 - 42.5	105.44	Dry	Dry	Dry
	2/28/2014	48.48	40.5 - 41.0	32.0 - 42.5	105.44	Dry	Dry	Dry
	3/28/2014	48.48	40.5 - 41.0	32.0 - 42.5	105.44	Dry	Dry	Dry
	4/29/2014	48.48	40.5 - 41.0	32.0 - 42.5	105.44	Dry	Dry	Dry
	5/27/2014	48.48	40.5 - 41.0	32.0 - 42.5	105.44	Dry	Dry	Dry
	6/24/2014	48.48	40.5 - 41.0	32.0 - 42.5	105.44	Dry	Dry	Dry
	7/30/2014	48.48	40.5 - 41.0	32.0 - 42.5	105.44	Dry	Dry	Dry
	8/27/2014	48.48	40.5 - 41.0	32.0 - 42.5	105.44	Dry	Dry	Dry
	9/24/2014	48.48	40.5 - 41.0	32.0 - 42.5	105.44	Dry	Dry	Dry
	10/30/2014	48.48	40.5 - 41.0	32.0 - 42.5	105.44	Dry	Dry	Dry
	11/24/2014	48.48	40.5 - 41.0	32.0 - 42.5	105.44	Dry	Dry	Dry
	12/9/2014	48.48	40.5 - 41.0	32.0 - 42.5	105.44	Dry	Dry	Dry
	1/20/2015	48.48	40.5 - 41.0	32.0 - 42.5	105.44	Dry	Dry	Dry

TABLE X
PERCHED GROUNDWATER LEVEL MEASUREMENTS
COOPER DRUM COMPANY SUPERFUND SITE
SOUTH GATE, CALIFORNIA

Well ID	Date Measured	Total Depth (ft bTOC)	Screened Interval (ft bTOC)	Filter Pack Sand Interval (ft bTOC)	TOC Elevation (NAVD88)	Depth to Water (ft bTOC)	Water Column (feet)	Perched Groundwater Elevation (NAVD88)
VP-11E	2/17/2015	48.48	40.5 - 41.0	32.0 - 42.5	105.44	Dry	Dry	Dry
	3/26/2015	48.48	40.5 - 41.0	32.0 - 42.5	105.44	Dry	Dry	Dry
	4/14/2015	48.48	40.5 - 41.0	32.0 - 42.5	105.44	Dry	Dry	Dry
	5/27/2015	48.48	40.5 - 41.0	32.0 - 42.5	105.44	Dry	Dry	Dry
	6/18/2015	48.48	40.5 - 41.0	32.0 - 42.5	105.44	Dry	Dry	Dry
	7/30/2015	48.48	40.5 - 41.0	32.0 - 42.5	105.44	Dry	Dry	Dry
	8/26/2015	48.48	40.5 - 41.0	32.0 - 42.5	105.44	Dry	Dry	Dry
	9/29/2015	48.48	40.5 - 41.0	32.0 - 42.5	105.44	Dry	Dry	Dry
	10/28/2015	48.48	40.5 - 41.0	32.0 - 42.5	105.44	Dry	Dry	Dry
	11/18/2015	48.48	40.5 - 41.0	32.0 - 42.5	105.44	Dry	Dry	Dry
	12/30/2015	48.48	40.5 - 41.0	32.0 - 42.5	105.44	Dry	Dry	Dry
	1/27/2016	48.48	40.5 - 41.0	32.0 - 42.5	105.44	Dry	Dry	Dry
	3/23/2016	48.48	40.5 - 41.0	32.0 - 42.5	105.44	Dry	Dry	Dry
	6/22/2016	48.48	40.5 - 41.0	32.0 - 42.5	105.44	Dry	Dry	Dry
	8/31/2016	48.48	40.5 - 41.0	32.0 - 42.5	105.44	Dry	Dry	Dry
	12/27/2016	48.48	40.5 - 41.0	32.0 - 42.5	105.44	Dry	Dry	Dry
	3/29/2017	48.48	40.5 - 41.0	32.0 - 42.5	105.44	Dry	Dry	Dry
	6/28/2017	48.48	40.5 - 41.0	32.0 - 42.5	105.44	Dry	Dry	Dry
	9/27/2017	48.48	40.5 - 41.0	32.0 - 42.5	105.44	Dry	Dry	Dry
	12/27/2017	48.48	40.5 - 41.0	32.0 - 42.5	105.44	Dry	Dry	Dry
VP-11F	1/26/2011	48.48	45.5 - 46.0	44.5 - 47.5	105.44	42.36	3.64	63.08
	3/23/2011	48.48	45.5 - 46.0	44.5 - 47.5	105.44	42.55	3.45	62.89
	11/18/2011	48.48	45.5 - 46.0	44.5 - 47.5	105.44	42.25	3.75	63.19
	4/10/2012	48.48	45.5 - 46.0	44.5 - 47.5	105.44	42.37	3.63	63.07
	5/11/2012	48.48	45.5 - 46.0	44.5 - 47.5	105.44	NM	NM	NM
	5/16/2012	48.48	45.5 - 46.0	44.5 - 47.5	105.44	43.25	2.75	62.19
	5/31/2012	48.48	45.5 - 46.0	44.5 - 47.5	105.44	43.42	2.58	62.02
	6/6/2012	48.48	45.5 - 46.0	44.5 - 47.5	105.44	44.52	1.48	60.92
	6/13/2012	48.48	45.5 - 46.0	44.5 - 47.5	105.44	44.05	1.95	61.39
	6/20/2012	48.48	45.5 - 46.0	44.5 - 47.5	105.44	44.09	1.91	61.35
	6/26/2012	48.48	45.5 - 46.0	44.5 - 47.5	105.44	44.85	1.15	60.59
	7/3/2012	48.48	45.5 - 46.0	44.5 - 47.5	105.44	43.30	2.70	62.14
	1/25/2013	48.48	45.5 - 46.0	44.5 - 47.5	105.44	40.28	5.72	65.16
	2/22/2013	48.48	45.5 - 46.0	44.5 - 47.5	105.44	40.31	5.69	65.13
	3/22/2013	48.48	45.5 - 46.0	44.5 - 47.5	105.44	40.46	5.54	64.98
	4/23/2013	48.48	45.5 - 46.0	44.5 - 47.5	105.44	40.5	5.5	65.13
	5/31/2013	48.48	45.5 - 46.0	44.5 - 47.5	105.44	40.62	5.38	65.01
	6/28/2013	48.48	45.5 - 46.0	44.5 - 47.5	105.44	40.65	5.35	64.98
	7/30/2013	48.48	45.5 - 46.0	44.5 - 47.5	105.44	40.79	5.21	64.84
	8/30/2013	48.48	45.5 - 46.0	44.5 - 47.5	105.44	40.86	5.14	64.77
	9/27/2013	48.48	45.5 - 46.0	44.5 - 47.5	105.44	40.91	5.09	64.72
	10/29/2013	48.48	45.5 - 46.0	44.5 - 47.5	105.44	40.99	5.01	64.64
	11/26/2013	48.48	45.5 - 46.0	44.5 - 47.5	105.44	41.06	4.94	64.57
	12/23/2013	48.48	45.5 - 46.0	44.5 - 47.5	105.44	41.13	4.87	64.50
	1/31/2014	48.48	45.5 - 46.0	44.5 - 47.5	105.44	41.22	4.78	64.41
	2/28/2014	48.48	45.5 - 46.0	44.5 - 47.5	105.44	41.39	4.61	64.24
	3/28/2014	48.48	45.5 - 46.0	44.5 - 47.5	105.44	41.6	4.4	64.03
	4/29/2014	48.48	45.5 - 46.0	44.5 - 47.5	105.44	41.65	4.35	63.98
	5/27/2014	48.48	45.5 - 46.0	44.5 - 47.5	105.44	41.76	4.24	63.87
	6/24/2014	48.48	45.5 - 46.0	44.5 - 47.5	105.44	41.89	4.11	63.74
	7/30/2014	48.48	45.5 - 46.0	44.5 - 47.5	105.44	42.36	3.64	63.27
	8/27/2014	48.48	45.5 - 46.0	44.5 - 47.5	105.44	44.73	1.27	60.90
	9/24/2014	48.48	45.5 - 46.0	44.5 - 47.5	105.44	45.89	0.11	59.74
	10/30/2014	48.48	45.5 - 46.0	44.5 - 47.5	105.44	46	0	59.63
	11/24/2014	48.48	45.5 - 46.0	44.5 - 47.5	105.44	46	0	59.63
	12/9/2014	48.48	45.5 - 46.0	44.5 - 47.5	105.44	45.9	0.1	59.73
	1/20/2015	48.48	45.5 - 46.0	44.5 - 47.5	105.44	46.32	Dry	Dry
	2/17/2015	48.48	45.5 - 46.0	44.5 - 47.5	105.44	46.32	Dry	Dry
	3/26/2015	48.48	45.5 - 46.0	44.5 - 47.5	105.44	46.32	Dry	Dry
	4/14/2015	48.48	45.5 - 46.0	44.5 - 47.5	105.44	46.32	Dry	Dry
	5/27/2015	48.48	45.5 - 46.0	44.5 - 47.5	105.44	46.32	Dry	Dry
	6/18/2015	48.48	45.5 - 46.0	44.5 - 47.5	105.44	46.32	Dry	Dry
	7/30/2015	48.48	45.5 - 46.0	44.5 - 47.5	105.44	46.32	Dry	Dry
	8/26/2015	48.48	45.5 - 46.0	44.5 - 47.5	105.44	46.32	Dry	Dry
	9/29/2015	48.48	45.5 - 46.0	44.5 - 47.5	105.44	46.32	Dry	Dry
	10/28/2015	48.48	45.5 - 46.0	44.5 - 47.5	105.44	46.32	Dry	Dry
	11/18/2015	48.48	45.5 - 46.0	44.5 - 47.5	105.44	46.32	Dry	Dry
	12/30/2015	48.48	45.5 - 46.0	44.5 - 47.5	105.44	46.32	Dry	Dry
	1/27/2016	48.48	45.5 - 46.0	44.5 - 47.5	105.44	46.32	Dry	Dry
	3/23/2016	48.48	45.5 - 46.0	44.5 - 47.5	105.44	46.32	Dry	Dry
	6/22/2016	48.48	45.5 - 46.0	44.5 - 47.5	105.44	46.32	Dry	Dry
	8/31/2016	48.48	45.5 - 46.0	44.5 - 47.5	105.44	46.32	Dry	Dry
	12/27/2016	48.48	45.5 - 46.0	44.5 - 47.5	105.44	46.32	Dry	Dry
	3/29/2017	48.48	45.5 - 46.0	44.5 - 47.5	105.44	46.32	Dry	Dry

TABLE X
PERCHED GROUNDWATER LEVEL MEASUREMENTS
COOPER DRUM COMPANY SUPERFUND SITE
SOUTH GATE, CALIFORNIA

Well ID	Date Measured	Total Depth (ft bTOC)	Screened Interval (ft bTOC)	Filter Pack Sand Interval (ft bTOC)	TOC Elevation (NAVD88)	Depth to Water (ft bTOC)	Water Column (feet)	Perched Groundwater Elevation (NAVD88)
VP-11F	6/28/2017	48.48	45.5 - 46.0	44.5 - 47.5	105.44	46.32	Dry	Dry
	9/27/2017	48.48	45.5 - 46.0	44.5 - 47.5	105.44	46.32	Dry	Dry
	12/27/2017	48.48	45.5 - 46.0	44.5 - 47.5	105.44	46.32	Dry	Dry
VP-11G	1/26/2011	48.48	46.5 - 47.0	44.5 - 47.5	105.44	42.39	4.61	63.05
	3/23/2011	48.48	46.5 - 47.0	44.5 - 47.5	105.44	42.55	4.45	62.89
	11/18/2011	48.48	46.5 - 47.0	44.5 - 47.5	105.44	42.21	4.79	63.23
	4/10/2012	48.48	46.5 - 47.0	44.5 - 47.5	105.44	42.36	4.64	63.08
	5/11/2012	48.48	46.5 - 47.0	44.5 - 47.5	105.44	NM	NM	NM
	5/16/2012	48.48	46.5 - 47.0	44.5 - 47.5	105.44	43.25	3.75	62.19
	5/31/2012	48.48	46.5 - 47.0	44.5 - 47.5	105.44	42.80	4.20	62.64
	6/6/2012	48.48	46.5 - 47.0	44.5 - 47.5	105.44	44.52	2.48	60.92
	6/13/2012	48.48	46.5 - 47.0	44.5 - 47.5	105.44	44.05	2.95	61.39
	6/20/2012	48.48	46.5 - 47.0	44.5 - 47.5	105.44	44.07	2.93	61.37
	6/26/2012	48.48	46.5 - 47.0	44.5 - 47.5	105.44	44.85	2.15	60.59
	7/3/2012	48.48	46.5 - 47.0	44.5 - 47.5	105.44	43.28	3.72	62.16
	1/25/2013	48.48	46.5 - 47.0	44.5 - 47.5	105.44	43.26	3.74	62.18
	2/22/2013	48.48	46.5 - 47.0	44.5 - 47.5	105.44	43.3	3.7	62.14
	3/22/2013	48.48	46.5 - 47.0	44.5 - 47.5	105.44	43.52	3.48	61.92
	4/23/2013	48.48	46.5 - 47.0	44.5 - 47.5	105.44	43.56	3.44	62.07
	5/31/2013	48.48	46.5 - 47.0	44.5 - 47.5	105.44	43.69	3.31	61.94
	6/28/2013	48.48	46.5 - 47.0	44.5 - 47.5	105.44	43.71	3.29	61.92
	7/30/2013	48.48	46.5 - 47.0	44.5 - 47.5	105.44	43.74	3.26	61.89
	8/30/2013	48.48	46.5 - 47.0	44.5 - 47.5	105.44	43.79	3.21	61.84
	9/27/2013	48.48	46.5 - 47.0	44.5 - 47.5	105.44	43.86	3.14	61.77
	10/29/2013	48.48	46.5 - 47.0	44.5 - 47.5	105.44	43.89	3.11	61.74
	11/26/2013	48.48	46.5 - 47.0	44.5 - 47.5	105.44	43.97	3.03	61.66
	12/23/2013	48.48	46.5 - 47.0	44.5 - 47.5	105.44	44.02	2.98	61.61
	1/31/2014	48.48	46.5 - 47.0	44.5 - 47.5	105.44	44.13	2.87	61.50
	2/28/2014	48.48	46.5 - 47.0	44.5 - 47.5	105.44	44.22	2.78	61.41
	3/28/2014	48.48	46.5 - 47.0	44.5 - 47.5	105.44	44.31	2.69	61.32
	4/29/2014	48.48	46.5 - 47.0	44.5 - 47.5	105.44	44.5	2.5	61.13
	5/27/2014	48.48	46.5 - 47.0	44.5 - 47.5	105.44	44.68	2.32	60.95
	6/24/2014	48.48	46.5 - 47.0	44.5 - 47.5	105.44	44.89	2.11	60.74
	7/30/2014	48.48	46.5 - 47.0	44.5 - 47.5	105.44	45.06	1.94	60.57
	8/27/2014	48.48	46.5 - 47.0	44.5 - 47.5	105.44	45.61	1.39	60.02
	9/24/2014	48.48	46.5 - 47.0	44.5 - 47.5	105.44	45.89	1.11	59.74
	10/30/2014	48.48	46.5 - 47.0	44.5 - 47.5	105.44	46	1	59.63
	11/24/2014	48.48	46.5 - 47.0	44.5 - 47.5	105.44	46.1	0.9	59.53
	12/9/2014	48.48	46.5 - 47.0	44.5 - 47.5	105.44	45.84	1.16	59.79
	1/20/2015	48.48	46.5 - 47.0	44.5 - 47.5	105.44	46.18	0.82	59.45
	2/17/2015	48.48	46.5 - 47.0	44.5 - 47.5	105.44	47	Dry	Dry
	3/26/2015	48.48	46.5 - 47.0	44.5 - 47.5	105.44	47.1	Dry	Dry
	4/14/2015	48.48	46.5 - 47.0	44.5 - 47.5	105.44	47.1	Dry	Dry
	5/27/2015	48.48	46.5 - 47.0	44.5 - 47.5	105.44	47.1	Dry	Dry
	6/18/2015	48.48	46.5 - 47.0	44.5 - 47.5	105.44	47.1	Dry	Dry
	7/30/2015	48.48	46.5 - 47.0	44.5 - 47.5	105.44	47.1	Dry	Dry
	8/26/2015	48.48	46.5 - 47.0	44.5 - 47.5	105.44	47.1	Dry	Dry
	9/29/2015	48.48	46.5 - 47.0	44.5 - 47.5	105.44	47.1	Dry	Dry
	10/28/2015	48.48	46.5 - 47.0	44.5 - 47.5	105.44	47.1	Dry	Dry
	11/18/2015	48.48	46.5 - 47.0	44.5 - 47.5	105.44	47.10	Dry	Dry
	12/30/2015	48.48	46.5 - 47.0	44.5 - 47.5	105.44	47.10	Dry	Dry
	1/27/2016	48.48	46.5 - 47.0	44.5 - 47.5	105.44	47.10	Dry	Dry
	3/23/2016	48.48	46.5 - 47.0	44.5 - 47.5	105.44	47.10	Dry	Dry
	6/22/2016	48.48	46.5 - 47.0	44.5 - 47.5	105.44	47.10	Dry	Dry
	8/31/2016	48.48	46.5 - 47.0	44.5 - 47.5	105.44	47.10	Dry	Dry
	12/27/2016	48.48	46.5 - 47.0	44.5 - 47.5	105.44	47.10	Dry	Dry
	3/29/2017	48.48	46.5 - 47.0	44.5 - 47.5	105.44	47.10	Dry	Dry
	6/28/2017	48.48	46.5 - 47.0	44.5 - 47.5	105.44	47.10	Dry	Dry
	9/27/2017	48.48	46.5 - 47.0	44.5 - 47.5	105.44	47.10	Dry	Dry
	12/27/2017	48.48	46.5 - 47.0	44.5 - 47.5	105.44	47.10	Dry	Dry
VP-12D	11/18/2011	48.59	41.1 - 41.6	32.6 - 42.1	105.65	Dry	Dry	Dry
	4/10/2012	48.59	41.1 - 41.6	32.6 - 42.1	105.65	41.45	0.15	64.20
	5/11/2012	48.59	41.1 - 41.6	32.6 - 42.1	105.65	(41.45)	NA	NA
	5/16/2012	48.59	41.1 - 41.6	32.6 - 42.1	105.65	41.45	0.15	64.20
	5/31/2012	48.59	41.1 - 41.6	32.6 - 42.1	105.65	(41.45)	NA	NA
	6/6/2012	48.59	41.1 - 41.6	32.6 - 42.1	105.65	(41.45)	NA	NA
	6/13/2012	48.59	41.1 - 41.6	32.6 - 42.1	105.65	(41.43)	NA	NA
	6/20/2012	48.59	41.1 - 41.6	32.6 - 42.1	105.65	(41.45)	NA	NA
	6/26/2012	48.59	41.1 - 41.6	32.6 - 42.1	105.65	(41.45)	NA	NA
	7/3/2012	48.59	41.1 - 41.6	32.6 - 42.1	105.65	(41.45)	NA	NA
	1/25/2013	48.59	41.1 - 41.6	32.6 - 42.1	105.65	(41.49)	NA	NA
	2/22/2013	48.59	41.1 - 41.6	32.6 - 42.1	105.65	(41.50)	NA	NA
	3/22/2013	48.59	41.1 - 41.6	32.6 - 42.1	105.65	(41.55)	NA	NA
	4/23/2013	48.59	41.1 - 41.6	32.6 - 42.1	105.65	Dry	Dry	Dry

TABLE X
PERCHED GROUNDWATER LEVEL MEASUREMENTS
COOPER DRUM COMPANY SUPERFUND SITE
SOUTH GATE, CALIFORNIA

Well ID	Date Measured	Total Depth (ft bTOC)	Screened Interval (ft bTOC)	Filter Pack Sand Interval (ft bTOC)	TOC Elevation (NAVD88)	Depth to Water (ft bTOC)	Water Column (feet)	Perched Groundwater Elevation (NAVD88)
VP-12D	5/31/2013	48.59	41.1 - 41.6	32.6 - 42.1	105.65	Dry	Dry	Dry
	6/28/2013	48.59	41.1 - 41.6	32.6 - 42.1	105.65	Dry	Dry	Dry
	7/30/2013	48.59	41.1 - 41.6	32.6 - 42.1	105.65	Dry	Dry	Dry
	8/30/2013	48.59	41.1 - 41.6	32.6 - 42.1	105.65	Dry	Dry	Dry
	9/27/2013	48.59	41.1 - 41.6	32.6 - 42.1	105.65	Dry	Dry	Dry
	10/29/2013	48.59	41.1 - 41.6	32.6 - 42.1	105.65	Dry	Dry	Dry
	11/26/2013	48.59	41.1 - 41.6	32.6 - 42.1	105.65	Dry	Dry	Dry
	12/23/2013	48.59	41.1 - 41.6	32.6 - 42.1	105.65	Dry	Dry	Dry
	1/31/2014	48.59	41.1 - 41.6	32.6 - 42.1	105.65	Dry	Dry	Dry
	2/28/2014	48.59	41.1 - 41.6	32.6 - 42.1	105.65	Dry	Dry	Dry
	3/28/2014	48.59	41.1 - 41.6	32.6 - 42.1	105.65	Dry	Dry	Dry
	4/29/2014	48.59	41.1 - 41.6	32.6 - 42.1	105.65	Dry	Dry	Dry
	5/27/2014	48.59	41.1 - 41.6	32.6 - 42.1	105.65	Dry	Dry	Dry
	6/24/2014	48.59	41.1 - 41.6	32.6 - 42.1	105.65	Dry	Dry	Dry
	7/30/2014	48.59	41.1 - 41.6	32.6 - 42.1	105.65	Dry	Dry	Dry
	8/27/2014	48.59	41.1 - 41.6	32.6 - 42.1	105.65	Dry	Dry	Dry
	9/24/2014	48.59	41.1 - 41.6	32.6 - 42.1	105.65	Dry	Dry	Dry
	10/30/2014	48.59	41.1 - 41.6	32.6 - 42.1	105.65	Dry	Dry	Dry
	11/24/2014	48.59	41.1 - 41.6	32.6 - 42.1	105.65	Dry	Dry	Dry
	12/9/2014	48.59	41.1 - 41.6	32.6 - 42.1	105.65	Dry	Dry	Dry
	1/20/2015	48.59	41.1 - 41.6	32.6 - 42.1	105.65	Dry	Dry	Dry
	2/17/2015	48.59	41.1 - 41.6	32.6 - 42.1	105.65	Dry	Dry	Dry
	3/26/2015	48.59	41.1 - 41.6	32.6 - 42.1	105.65	Dry	Dry	Dry
	4/14/2015	48.59	41.1 - 41.6	32.6 - 42.1	105.65	Dry	Dry	Dry
	5/27/2015	48.59	41.1 - 41.6	32.6 - 42.1	105.65	Dry	Dry	Dry
	6/18/2015	48.59	41.1 - 41.6	32.6 - 42.1	105.65	Dry	Dry	Dry
	7/30/2015	48.59	41.1 - 41.6	32.6 - 42.1	105.65	Dry	Dry	Dry
	8/26/2015	48.59	41.1 - 41.6	32.6 - 42.1	105.65	Dry	Dry	Dry
	9/29/2015	48.59	41.1 - 41.6	32.6 - 42.1	105.65	Dry	Dry	Dry
	10/28/2015	48.59	41.1 - 41.6	32.6 - 42.1	105.65	Dry	Dry	Dry
	11/18/2015	48.59	41.1 - 41.6	32.6 - 42.1	105.65	Dry	Dry	Dry
	12/30/2015	48.59	41.1 - 41.6	32.6 - 42.1	105.65	Dry	Dry	Dry
	1/27/2016	48.59	41.1 - 41.6	32.6 - 42.1	105.65	Dry	Dry	Dry
	3/23/2016	48.59	41.1 - 41.6	32.6 - 42.1	105.65	Dry	Dry	Dry
	6/22/2016	48.59	41.1 - 41.6	32.6 - 42.1	105.65	Dry	Dry	Dry
	8/31/2016	48.59	41.1 - 41.6	32.6 - 42.1	105.65	Dry	Dry	Dry
	12/27/2016	48.59	41.1 - 41.6	32.6 - 42.1	105.65	Dry	Dry	Dry
	3/29/2017	48.59	41.1 - 41.6	32.6 - 42.1	105.65	Dry	Dry	Dry
	6/28/2017	48.59	41.1 - 41.6	32.6 - 42.1	105.65	Dry	Dry	Dry
	9/27/2017	48.59	41.1 - 41.6	32.6 - 42.1	105.65	Dry	Dry	Dry
	12/27/2017	48.59	41.1 - 41.6	32.6 - 42.1	105.65	Dry	Dry	Dry
VP-12E	1/26/2011	48.59	37.1 - 37.6	32.6 - 42.1	105.65	37.46	0.14	68.19
	3/23/2011	48.59	37.1 - 37.6	32.6 - 42.1	105.65	37.34	0.26	68.31
	11/18/2011	48.59	37.1 - 37.6	32.6 - 42.1	105.65	37.4	0.2	68.25
	4/10/2012	48.59	37.1 - 37.6	32.6 - 42.1	105.65	37.46	0.14	68.19
	5/11/2012	48.59	37.1 - 37.6	32.6 - 42.1	105.65	(37.50)	NA	NA
	5/16/2012	48.59	37.1 - 37.6	32.6 - 42.1	105.65	(37.50)	NA	NA
	5/31/2012	48.59	37.1 - 37.6	32.6 - 42.1	105.65	(37.48)	NA	NA
	6/6/2012	48.59	37.1 - 37.6	32.6 - 42.1	105.65	(37.49)	NA	NA
	6/13/2012	48.59	37.1 - 37.6	32.6 - 42.1	105.65	(37.48)	NA	NA
	6/20/2012	48.59	37.1 - 37.6	32.6 - 42.1	105.65	(37.49)	NA	NA
	6/26/2012	48.59	37.1 - 37.6	32.6 - 42.1	105.65	(37.50)	NA	NA
	7/3/2012	48.59	37.1 - 37.6	32.6 - 42.1	105.65	(37.50)	NA	NA
	1/25/2013	48.59	37.1 - 37.6	32.6 - 42.1	105.65	(37.43)	NA	NA
	2/22/2013	48.59	37.1 - 37.6	32.6 - 42.1	105.65	(37.48)	NA	NA
	3/22/2013	48.59	37.1 - 37.6	32.6 - 42.1	105.65	(37.56)	NA	NA
	4/23/2013	48.59	37.1 - 37.6	32.6 - 42.1	105.65	Dry	Dry	Dry
	5/31/2013	48.59	37.1 - 37.6	32.6 - 42.1	105.65	Dry	Dry	Dry
	6/28/2013	48.59	37.1 - 37.6	32.6 - 42.1	105.65	Dry	Dry	Dry
	7/30/2013	48.59	37.1 - 37.6	32.6 - 42.1	105.65	Dry	Dry	Dry
	8/30/2013	48.59	37.1 - 37.6	32.6 - 42.1	105.65	Dry	Dry	Dry
	9/27/2013	48.59	37.1 - 37.6	32.6 - 42.1	105.65	Dry	Dry	Dry
	10/29/2013	48.59	37.1 - 37.6	32.6 - 42.1	105.65	Dry	Dry	Dry
	11/26/2013	48.59	37.1 - 37.6	32.6 - 42.1	105.65	Dry	Dry	Dry
	12/23/2013	48.59	37.1 - 37.6	32.6 - 42.1	105.65	Dry	Dry	Dry
	1/31/2014	48.59	37.1 - 37.6	32.6 - 42.1	105.65	Dry	Dry	Dry
	2/28/2014	48.59	37.1 - 37.6	32.6 - 42.1	105.65	Dry	Dry	Dry
	3/28/2014	48.59	37.1 - 37.6	32.6 - 42.1	105.65	Dry	Dry	Dry
	4/29/2014	48.59	37.1 - 37.6	32.6 - 42.1	105.65	Dry	Dry	Dry
	5/27/2014	48.59	37.1 - 37.6	32.6 - 42.1	105.65	Dry	Dry	Dry
	6/24/2014	48.59	37.1 - 37.6	32.6 - 42.1	105.65	Dry	Dry	Dry
	7/30/2014	48.59	37.1 - 37.6	32.6 - 42.1	105.65	Dry	Dry	Dry
	8/27/2014	48.59	37.1 - 37.6	32.6 - 42.1	105.65	Dry	Dry	Dry
	9/24/2014	48.59	37.1 - 37.6	32.6 - 42.1	105.65	Dry	Dry	Dry

TABLE X
PERCHED GROUNDWATER LEVEL MEASUREMENTS
COOPER DRUM COMPANY SUPERFUND SITE
SOUTH GATE, CALIFORNIA

Well ID	Date Measured	Total Depth (ft bTOC)	Screened Interval (ft bTOC)	Filter Pack Sand Interval (ft bTOC)	TOC Elevation (NAVD88)	Depth to Water (ft bTOC)	Water Column (feet)	Perched Groundwater Elevation (NAVD88)
VP-12E	10/30/2014	48.59	37.1 - 37.6	32.6 - 42.1	105.65	Dry	Dry	Dry
	11/24/2014	48.59	37.1 - 37.6	32.6 - 42.1	105.65	Dry	Dry	Dry
	12/9/2014	48.59	37.1 - 37.6	32.6 - 42.1	105.65	Dry	Dry	Dry
	1/20/2015	48.59	37.1 - 37.6	32.6 - 42.1	105.65	Dry	Dry	Dry
	2/17/2015	48.59	37.1 - 37.6	32.6 - 42.1	105.65	Dry	Dry	Dry
	3/26/2015	48.59	37.1 - 37.6	32.6 - 42.1	105.65	Dry	Dry	Dry
	4/14/2015	48.59	37.1 - 37.6	32.6 - 42.1	105.65	Dry	Dry	Dry
	5/27/2015	48.59	37.1 - 37.6	32.6 - 42.1	105.65	Dry	Dry	Dry
	6/18/2015	48.59	37.1 - 37.6	32.6 - 42.1	105.65	Dry	Dry	Dry
	7/30/2015	48.59	37.1 - 37.6	32.6 - 42.1	105.65	Dry	Dry	Dry
	8/26/2015	48.59	37.1 - 37.6	32.6 - 42.1	105.65	Dry	Dry	Dry
	9/29/2015	48.59	37.1 - 37.6	32.6 - 42.1	105.65	Dry	Dry	Dry
	10/28/2015	48.59	37.1 - 37.6	32.6 - 42.1	105.65	Dry	Dry	Dry
	11/18/2015	48.59	37.1 - 37.6	32.6 - 42.1	105.65	Dry	Dry	Dry
	12/30/2015	48.59	37.1 - 37.6	32.6 - 42.1	105.65	Dry	Dry	Dry
	1/27/2016	48.59	37.1 - 37.6	32.6 - 42.1	105.65	Dry	Dry	Dry
	3/23/2016	48.59	37.1 - 37.6	32.6 - 42.1	105.65	Dry	Dry	Dry
	6/22/2016	48.59	37.1 - 37.6	32.6 - 42.1	105.65	Dry	Dry	Dry
	8/31/2016	48.59	37.1 - 37.6	32.6 - 42.1	105.65	Dry	Dry	Dry
	12/27/2016	48.59	37.1 - 37.6	32.6 - 42.1	105.65	Dry	Dry	Dry
	3/29/2017	48.59	37.1 - 37.6	32.6 - 42.1	105.65	Dry	Dry	Dry
	6/28/2017	48.59	37.1 - 37.6	32.6 - 42.1	105.65	Dry	Dry	Dry
	9/27/2017	48.59	37.1 - 37.6	32.6 - 42.1	105.65	Dry	Dry	Dry
	12/27/2017	48.59	37.1 - 37.6	32.6 - 42.1	105.65	Dry	Dry	Dry
VP-12F	1/26/2011	48.59	46.1 - 46.6	44.1 - 47.6	105.65	43.92	2.68	61.73
	3/23/2011	48.59	46.1 - 46.6	44.1 - 47.6	105.65	44.09	2.51	61.56
	11/18/2011	48.59	46.1 - 46.6	44.1 - 47.6	105.65	44.05	2.55	61.60
	4/10/2012	48.59	46.1 - 46.6	44.1 - 47.6	105.65	44.06	2.54	61.59
	5/11/2012	48.59	46.1 - 46.6	44.1 - 47.6	105.65	43.62	2.98	62.03
	5/16/2012	48.59	46.1 - 46.6	44.1 - 47.6	105.65	44.45	2.15	61.20
	5/31/2012	48.59	46.1 - 46.6	44.1 - 47.6	105.65	44.46	2.14	61.19
	6/6/2012	48.59	46.1 - 46.6	44.1 - 47.6	105.65	43.65	2.95	62.00
	6/13/2012	48.59	46.1 - 46.6	44.1 - 47.6	105.65	43.09	3.51	62.56
	6/20/2012	48.59	46.1 - 46.6	44.1 - 47.6	105.65	43.29	3.31	62.36
	6/26/2012	48.59	46.1 - 46.6	44.1 - 47.6	105.65	44.47	2.13	61.18
	7/3/2012	48.59	46.1 - 46.6	44.1 - 47.6	105.65	44.99	1.61	60.66
	1/25/2013	48.59	46.1 - 46.6	44.1 - 47.6	105.65	44.83	1.77	60.82
	2/22/2013	48.59	46.1 - 46.6	44.1 - 47.6	105.65	44.88	1.72	60.77
	3/22/2013	48.59	46.1 - 46.6	44.1 - 47.6	105.65	44.99	1.61	60.66
	4/23/2013	48.59	46.1 - 46.6	44.1 - 47.6	105.65	45.04	1.56	60.59
	5/31/2013	48.59	46.1 - 46.6	44.1 - 47.6	105.65	45.10	1.50	60.53
	6/28/2013	48.59	46.1 - 46.6	44.1 - 47.6	105.65	45.11	1.49	60.52
	7/30/2013	48.59	46.1 - 46.6	44.1 - 47.6	105.65	45.14	1.46	60.49
	8/30/2013	48.59	46.1 - 46.6	44.1 - 47.6	105.65	45.19	1.41	60.44
	9/27/2013	48.59	46.1 - 46.6	44.1 - 47.6	105.65	45.24	1.36	60.39
	10/29/2013	48.59	46.1 - 46.6	44.1 - 47.6	105.65	45.32	1.28	60.31
	11/26/2013	48.59	46.1 - 46.6	44.1 - 47.6	105.65	45.35	1.25	60.28
	12/23/2013	48.59	46.1 - 46.6	44.1 - 47.6	105.65	45.5	1.10	60.13
	1/31/2014	48.59	46.1 - 46.6	44.1 - 47.6	105.65	45.63	0.97	60.00
	2/28/2014	48.59	46.1 - 46.6	44.1 - 47.6	105.65	45.75	0.85	59.88
	3/28/2014	48.59	46.1 - 46.6	44.1 - 47.6	105.65	46.03	0.57	59.60
	4/29/2014	48.59	46.1 - 46.6	44.1 - 47.6	105.65	Dry	Dry	Dry
	5/27/2014	48.59	46.1 - 46.6	44.1 - 47.6	105.65	Dry	Dry	Dry
	6/24/2014	48.59	46.1 - 46.6	44.1 - 47.6	105.65	Dry	Dry	Dry
	7/30/2014	48.59	46.1 - 46.6	44.1 - 47.6	105.65	Dry	Dry	Dry
	8/27/2014	48.59	46.1 - 46.6	44.1 - 47.6	105.65	Dry	Dry	Dry
	9/24/2014	48.59	46.1 - 46.6	44.1 - 47.6	105.65	Dry	Dry	Dry
	10/30/2014	48.59	46.1 - 46.6	44.1 - 47.6	105.65	Dry	Dry	Dry
	11/24/2014	48.59	46.1 - 46.6	44.1 - 47.6	105.65	Dry	Dry	Dry
	12/9/2014	48.59	46.1 - 46.6	44.1 - 47.6	105.65	Dry	Dry	Dry
	1/20/2015	48.59	46.1 - 46.6	44.1 - 47.6	105.65	Dry	Dry	Dry
	2/17/2015	48.59	46.1 - 46.6	44.1 - 47.6	105.65	Dry	Dry	Dry
	3/26/2015	48.59	46.1 - 46.6	44.1 - 47.6	105.65	Dry	Dry	Dry
	4/14/2015	48.59	46.1 - 46.6	44.1 - 47.6	105.65	Dry	Dry	Dry
	5/27/2015	48.59	46.1 - 46.6	44.1 - 47.6	105.65	Dry	Dry	Dry
	6/18/2015	48.59	46.1 - 46.6	44.1 - 47.6	105.65	Dry	Dry	Dry
	7/30/2015	48.59	46.1 - 46.6	44.1 - 47.6	105.65	Dry	Dry	Dry
	8/26/2015	48.59	46.1 - 46.6	44.1 - 47.6	105.65	Dry	Dry	Dry
	9/29/2015	48.59	46.1 - 46.6	44.1 - 47.6	105.65	Dry	Dry	Dry
	10/28/2015	48.59	46.1 - 46.6	44.1 - 47.6	105.65	Dry	Dry	Dry
	11/18/2015	48.59	46.1 - 46.6	44.1 - 47.6	105.65	Dry	Dry	Dry
	12/30/2015	48.59	46.1 - 46.6	44.1 - 47.6	105.65	Dry	Dry	Dry
	1/27/2016	48.59	46.1 - 46.6	44.1 - 47.6	105.65	Dry	Dry	Dry
	3/23/2016	48.59	46.1 - 46.6	44.1 - 47.6	105.65	Dry	Dry	Dry

TABLE X
PERCHED GROUNDWATER LEVEL MEASUREMENTS
COOPER DRUM COMPANY SUPERFUND SITE
SOUTH GATE, CALIFORNIA

Well ID	Date Measured	Total Depth (ft bTOC)	Screened Interval (ft bTOC)	Filter Pack Sand Interval (ft bTOC)	TOC Elevation (NAVD88)	Depth to Water (ft bTOC)	Water Column (feet)	Perched Groundwater Elevation (NAVD88)
VP-12F	6/22/2016	48.59	46.1 - 46.6	44.1 - 47.6	105.65	Dry	Dry	Dry
	8/31/2016	48.59	46.1 - 46.6	44.1 - 47.6	105.65	Dry	Dry	Dry
	3/29/2017	48.59	46.1 - 46.6	44.1 - 47.6	105.65	Dry	Dry	Dry
	6/28/2017	48.59	46.1 - 46.6	44.1 - 47.6	105.65	Dry	Dry	Dry
	12/27/2016	48.59	46.1 - 46.6	44.1 - 47.6	105.65	Dry	Dry	Dry
	9/27/2017	48.59	46.1 - 46.6	44.1 - 47.6	105.65	Dry	Dry	Dry
	12/27/2017	48.59	46.1 - 46.6	44.1 - 47.6	105.65	Dry	Dry	Dry
VP-12G	1/26/2011	48.59	46.6 - 47.1	44.1 - 47.6	105.65	43.95	3.15	61.70
	3/23/2011	48.59	46.6 - 47.1	44.1 - 47.6	105.65	44.05	3.05	61.60
	11/18/2011	48.59	46.6 - 47.1	44.1 - 47.6	105.65	44.04	3.06	61.61
	4/10/2012	48.59	46.6 - 47.1	44.1 - 47.6	105.65	47	0.10	58.65
	5/11/2012	48.59	46.6 - 47.1	44.1 - 47.6	105.65	43.57	3.53	62.08
	5/16/2012	48.59	46.6 - 47.1	44.1 - 47.6	105.65	44.5	2.60	61.15
	5/31/2012	48.59	46.6 - 47.1	44.1 - 47.6	105.65	44.47	2.63	61.18
	6/6/2012	48.59	46.6 - 47.1	44.1 - 47.6	105.65	43.65	3.45	62.00
	6/13/2012	48.59	46.6 - 47.1	44.1 - 47.6	105.65	43.38	3.72	62.27
	6/20/2012	48.59	46.6 - 47.1	44.1 - 47.6	105.65	43.2	3.90	62.45
	6/26/2012	48.59	46.6 - 47.1	44.1 - 47.6	105.65	44.47	2.63	61.18
	7/3/2012	48.59	46.6 - 47.1	44.1 - 47.6	105.65	44.99	2.11	60.66
	1/25/2013	48.59	46.6 - 47.1	44.1 - 47.6	105.65	44.85	2.25	60.80
	2/22/2013	48.59	46.6 - 47.1	44.1 - 47.6	105.65	44.81	2.29	60.84
	3/22/2013	48.59	46.6 - 47.1	44.1 - 47.6	105.65	44.85	2.25	60.80
	4/23/2013	48.59	46.6 - 47.1	44.1 - 47.6	105.65	44.91	2.19	60.72
	5/31/2013	48.59	46.6 - 47.1	44.1 - 47.6	105.65	45	2.10	60.63
	6/28/2013	48.59	46.6 - 47.1	44.1 - 47.6	105.65	45	2.10	60.63
	7/30/2013	48.59	46.6 - 47.1	44.1 - 47.6	105.65	45	2.10	60.57
	8/30/2013	48.59	46.6 - 47.1	44.1 - 47.6	105.65	45	2.10	60.52
	9/27/2013	48.59	46.6 - 47.1	44.1 - 47.6	105.65	45	2.10	60.48
	10/29/2013	48.59	46.6 - 47.1	44.1 - 47.6	105.65	45	2.10	60.40
	11/26/2013	48.59	46.6 - 47.1	44.1 - 47.6	105.65	45	2.10	60.28
	12/23/2013	48.59	46.6 - 47.1	44.1 - 47.6	105.65	45	2.10	60.15
	1/31/2014	48.59	46.6 - 47.1	44.1 - 47.6	105.65	45.65	1.45	59.98
	2/28/2014	48.59	46.6 - 47.1	44.1 - 47.6	105.65	45.72	1.38	59.91
	3/28/2014	48.59	46.6 - 47.1	44.1 - 47.6	105.65	46.06	1.04	59.57
	4/29/2014	48.59	46.6 - 47.1	44.1 - 47.6	105.65	46.15	0.95	59.48
	5/27/2014	48.59	46.6 - 47.1	44.1 - 47.6	105.65	46.32	0.78	59.31
	6/24/2014	48.59	46.6 - 47.1	44.1 - 47.6	105.65	46.35	0.75	59.28
	7/30/2014	48.59	46.6 - 47.1	44.1 - 47.6	105.65	46.30	0.80	59.33
	8/27/2014	48.59	46.6 - 47.1	44.1 - 47.6	105.65	46.38	0.72	59.25
	9/24/2014	48.59	46.6 - 47.1	44.1 - 47.6	105.65	46.32	0.78	59.31
	10/30/2014	48.59	46.6 - 47.1	44.1 - 47.6	105.65	46.30	0.80	59.33
	11/24/2014	48.59	46.6 - 47.1	44.1 - 47.6	105.65	46.32	0.78	59.31
	12/9/2014	48.59	46.6 - 47.1	44.1 - 47.6	105.65	46.33	0.77	59.30
	1/20/2015	48.59	46.6 - 47.1	44.1 - 47.6	105.65	46.76	0.34	58.87
	2/17/2015	48.59	46.6 - 47.1	44.1 - 47.6	105.65	47.10	Dry	Dry
	3/26/2015	48.59	46.6 - 47.1	44.1 - 47.6	105.65	47.32	Dry	Dry
	4/14/2015	48.59	46.6 - 47.1	44.1 - 47.6	105.65	47.32	Dry	Dry
	5/27/2015	48.59	46.6 - 47.1	44.1 - 47.6	105.65	47.32	Dry	Dry
	6/18/2015	48.59	46.6 - 47.1	44.1 - 47.6	105.65	47.32	Dry	Dry
	7/30/2015	48.59	46.6 - 47.1	44.1 - 47.6	105.65	47.32	Dry	Dry
	8/26/2015	48.59	46.6 - 47.1	44.1 - 47.6	105.65	47.32	Dry	Dry
	9/29/2015	48.59	46.6 - 47.1	44.1 - 47.6	105.65	47.32	Dry	Dry
	10/28/2015	48.59	46.6 - 47.1	44.1 - 47.6	105.65	47.32	Dry	Dry
	11/18/2015	48.59	46.6 - 47.1	44.1 - 47.6	105.65	47.32	Dry	Dry
	12/30/2015	48.59	46.6 - 47.1	44.1 - 47.6	105.65	47.32	Dry	Dry
	1/27/2016	48.59	46.6 - 47.1	44.1 - 47.6	105.65	47.32	Dry	Dry
	3/23/2016	48.59	46.6 - 47.1	44.1 - 47.6	105.65	47.32	Dry	Dry
	6/22/2016	48.59	46.6 - 47.1	44.1 - 47.6	105.65	47.32	Dry	Dry
	8/31/2016	48.59	46.6 - 47.1	44.1 - 47.6	105.65	47.32	Dry	Dry
	12/27/2016	48.59	46.6 - 47.1	44.1 - 47.6	105.65	47.32	Dry	Dry
	3/29/2017	48.59	46.6 - 47.1	44.1 - 47.6	105.65	47.32	Dry	Dry
	6/28/2017	48.59	46.6 - 47.1	44.1 - 47.6	105.65	47.32	Dry	Dry
	9/27/2017	48.59	46.6 - 47.1	44.1 - 47.6	105.65	47.32	Dry	Dry
	12/27/2017	48.59	46.6 - 47.1	44.1 - 47.6	105.65	47.32	Dry	Dry
VP-13D	1/26/2011	49.66	40.7 - 41.1	31.7 - 41.7	105.24	37.53	3.57	67.71
	11/18/2011	49.66	40.7 - 41.1	31.7 - 41.7	105.24	39.69	1.41	65.55
	4/10/2012	49.66	40.7 - 41.1	31.7 - 41.7	105.24	37.83	3.27	67.41
	5/11/2012	49.66	40.7 - 41.1	31.7 - 41.7	105.24	NM	NM	NM
	5/16/2012	49.66	40.7 - 41.1	31.7 - 41.7	105.24	37.25	3.85	67.99
	5/31/2012	49.66	40.7 - 41.1	31.7 - 41.7	105.24	37.75	3.35	67.49
	6/6/2012	49.66	40.7 - 41.1	31.7 - 41.7	105.24	38.22	2.88	67.02
	6/13/2012	49.66	40.7 - 41.1	31.7 - 41.7	105.24	37.8	3.30	67.44
	6/20/2012	49.66	40.7 - 41.1	31.7 - 41.7	105.24	37.15	3.95	68.09
	6/26/2012	49.66	40.7 - 41.1	31.7 - 41.7	105.24	38.3	2.80	66.94

TABLE X
PERCHED GROUNDWATER LEVEL MEASUREMENTS
COOPER DRUM COMPANY SUPERFUND SITE
SOUTH GATE, CALIFORNIA

Well ID	Date Measured	Total Depth (ft bTOC)	Screened Interval (ft bTOC)	Filter Pack Sand Interval (ft bTOC)	TOC Elevation (NAVD88)	Depth to Water (ft bTOC)	Water Column (feet)	Perched Groundwater Elevation (NAVD88)
VP-13D	7/3/2012	49.66	40.7 - 41.1	31.7 - 41.7	105.24	37.29	3.81	67.95
	1/25/2013	49.66	40.7 - 41.1	31.7 - 41.7	105.24	37.55	3.55	67.69
	2/22/2013	49.66	40.7 - 41.1	31.7 - 41.7	105.24	37.51	3.59	67.73
	3/22/2013	49.66	40.7 - 41.1	31.7 - 41.7	105.24	37.56	3.54	67.68
	4/23/2013	49.66	40.7 - 41.1	31.7 - 41.7	105.24	37.6	3.50	68.03
	5/31/2013	49.66	40.7 - 41.1	31.7 - 41.7	105.24	37.7	3.40	67.93
	6/28/2013	49.66	40.7 - 41.1	31.7 - 41.7	105.24	37.71	3.39	67.92
	7/30/2013	49.66	40.7 - 41.1	31.7 - 41.7	105.24	38.23	2.87	67.40
	8/30/2013	49.66	40.7 - 41.1	31.7 - 41.7	105.24	38.99	2.11	66.64
	9/27/2013	49.66	40.7 - 41.1	31.7 - 41.7	105.24	39.62	1.48	66.01
	10/29/2013	49.66	40.7 - 41.1	31.7 - 41.7	105.24	41	0.10	64.63
	11/26/2013	49.66	40.7 - 41.1	31.7 - 41.7	105.24	41.56	Dry	Dry
	12/23/2013	49.66	40.7 - 41.1	31.7 - 41.7	105.24	41.56	Dry	Dry
	1/31/2014	49.66	40.7 - 41.1	31.7 - 41.7	105.24	41.56	Dry	Dry
	2/28/2014	49.66	40.7 - 41.1	31.7 - 41.7	105.24	41.56	Dry	Dry
	3/28/2014	49.66	40.7 - 41.1	31.7 - 41.7	105.24	41.56	Dry	Dry
	4/29/2014	49.66	40.7 - 41.1	31.7 - 41.7	105.24	41.00	0.10	64.63
	5/27/2014	49.66	40.7 - 41.1	31.7 - 41.7	105.24	39.62	1.48	66.01
	6/24/2014	49.66	40.7 - 41.1	31.7 - 41.7	105.24	38.10	3.00	67.53
	7/30/2014	49.66	40.7 - 41.1	31.7 - 41.7	105.24	38.88	2.22	66.75
	8/27/2014	49.66	40.7 - 41.1	31.7 - 41.7	105.24	39.16	1.94	66.47
	9/24/2014	49.66	40.7 - 41.1	31.7 - 41.7	105.24	39.21	1.89	66.42
	10/30/2014	49.66	40.7 - 41.1	31.7 - 41.7	105.24	39.32	1.78	66.31
	11/24/2014	49.66	40.7 - 41.1	31.7 - 41.7	105.24	39.44	1.66	66.19
	12/9/2014	49.66	40.7 - 41.1	31.7 - 41.7	105.24	38.65	2.45	66.98
	1/20/2015	49.66	40.7 - 41.1	31.7 - 41.7	105.24	39.46	1.64	66.17
	2/17/2015	49.66	40.7 - 41.1	31.7 - 41.7	105.24	40	1.1	65.63
	3/26/2015	49.66	40.7 - 41.1	31.7 - 41.7	105.24	40.83	0.27	64.80
	4/14/2015	49.66	40.7 - 41.1	31.7 - 41.7	105.24	41.2	Dry	Dry
	5/27/2015	49.66	40.7 - 41.1	31.7 - 41.7	105.24	41.2	Dry	Dry
	6/18/2015	49.66	40.7 - 41.1	31.7 - 41.7	105.24	41.2	Dry	Dry
	7/30/2015	49.66	40.7 - 41.1	31.7 - 41.7	105.24	41.2	Dry	Dry
	8/26/2015	49.66	40.7 - 41.1	31.7 - 41.7	105.24	41.2	Dry	Dry
	9/29/2015	49.66	40.7 - 41.1	31.7 - 41.7	105.24	41.2	Dry	Dry
	10/28/2015	49.66	40.7 - 41.1	31.7 - 41.7	105.24	41.2	Dry	Dry
	11/18/2015	49.66	40.7 - 41.1	31.7 - 41.7	105.24	41.2	Dry	Dry
	12/30/2015	49.66	40.7 - 41.1	31.7 - 41.7	105.24	41.2	Dry	Dry
	1/27/2016	49.66	40.7 - 41.1	31.7 - 41.7	105.24	41.2	Dry	Dry
	3/23/2016	49.66	40.7 - 41.1	31.7 - 41.7	105.24	41.2	Dry	Dry
	6/22/2016	49.66	40.7 - 41.1	31.7 - 41.7	105.24	41.2	Dry	Dry
	8/31/2016	49.66	40.7 - 41.1	31.7 - 41.7	105.24	41.2	Dry	Dry
	12/27/2016	49.66	40.7 - 41.1	31.7 - 41.7	105.24	41.2	Dry	Dry
	3/29/2017	49.66	40.7 - 41.1	31.7 - 41.7	105.24	41.2	Dry	Dry
	6/28/2017	49.66	40.7 - 41.1	31.7 - 41.7	105.24	41.2	Dry	Dry
	9/27/2017	49.66	40.7 - 41.1	31.7 - 41.7	105.24	41.2	Dry	Dry
	12/27/2017	49.66	40.7 - 41.1	31.7 - 41.7	105.24	41.2	Dry	Dry
VP-13E	1/26/2011	49.66	39.2 - 39.7	31.7 - 41.7	105.24	36.66	3.04	68.58
	3/23/2011	49.66	39.2 - 39.7	31.7 - 41.7	105.24	37	2.70	68.24
	11/18/2011	49.66	39.2 - 39.7	31.7 - 41.7	105.24	36.9	2.80	68.34
	4/10/2012	49.66	39.2 - 39.7	31.7 - 41.7	105.24	37.03	2.67	68.21
	5/11/2012	49.66	39.2 - 39.7	31.7 - 41.7	105.24	NM	NM	NM
	5/16/2012	49.66	39.2 - 39.7	31.7 - 41.7	105.24	37.54	2.16	67.70
	5/31/2012	49.66	39.2 - 39.7	31.7 - 41.7	105.24	37.55	2.15	67.69
	6/6/2012	49.66	39.2 - 39.7	31.7 - 41.7	105.24	Dry	Dry	Dry
	6/13/2012	49.66	39.2 - 39.7	31.7 - 41.7	105.24	38.48	1.22	66.76
	6/20/2012	49.66	39.2 - 39.7	31.7 - 41.7	105.24	38.4	1.30	66.84
	6/26/2012	49.66	39.2 - 39.7	31.7 - 41.7	105.24	38.48	1.22	66.76
	7/3/2012	49.66	39.2 - 39.7	31.7 - 41.7	105.24	37.22	2.48	68.02
	1/25/2013	49.66	39.2 - 39.7	31.7 - 41.7	105.24	37.08	2.62	68.16
	2/22/2013	49.66	39.2 - 39.7	31.7 - 41.7	105.24	37.15	2.55	68.09
	3/22/2013	49.66	39.2 - 39.7	31.7 - 41.7	105.24	37.17	2.53	68.07
	4/23/2013	49.66	39.2 - 39.7	31.7 - 41.7	105.24	37.18	2.52	68.45
	5/31/2013	49.66	39.2 - 39.7	31.7 - 41.7	105.24	37.29	2.41	68.34
	6/28/2013	49.66	39.2 - 39.7	31.7 - 41.7	105.24	37.30	2.40	68.33
	7/30/2013	49.66	39.2 - 39.7	31.7 - 41.7	105.24	37.63	2.07	68.00
	8/30/2013	49.66	39.2 - 39.7	31.7 - 41.7	105.24	37.81	1.89	67.82
	9/27/2013	49.66	39.2 - 39.7	31.7 - 41.7	105.24	37.86	1.84	67.77
	10/29/2013	49.66	39.2 - 39.7	31.7 - 41.7	105.24	38.01	1.69	67.62
	11/26/2013	49.66	39.2 - 39.7	31.7 - 41.7	105.24	38.04	1.66	67.59
	12/23/2013	49.66	39.2 - 39.7	31.7 - 41.7	105.24	38.56	1.14	67.07
	1/31/2014	49.66	39.2 - 39.7	31.7 - 41.7	105.24	38.61	1.09	67.02
	2/28/2014	49.66	39.2 - 39.7	31.7 - 41.7	105.24	38.55	1.15	67.08
	3/28/2014	49.66	39.2 - 39.7	31.7 - 41.7	105.24	38.1	1.60	67.53
	4/29/2014	49.66	39.2 - 39.7	31.7 - 41.7	105.24	38.1	1.60	67.53

TABLE X
PERCHED GROUNDWATER LEVEL MEASUREMENTS
COOPER DRUM COMPANY SUPERFUND SITE
SOUTH GATE, CALIFORNIA

Well ID	Date Measured	Total Depth (ft bTOC)	Screened Interval (ft bTOC)	Filter Pack Sand Interval (ft bTOC)	TOC Elevation (NAVD88)	Depth to Water (ft bTOC)	Water Column (feet)	Perched Groundwater Elevation (NAVD88)
VP-13E	5/27/2014	49.66	39.2 - 39.7	31.7 - 41.7	105.24	38.10	1.60	67.53
	6/24/2014	49.66	39.2 - 39.7	31.7 - 41.7	105.24	38.10	1.60	67.53
	7/30/2014	49.66	39.2 - 39.7	31.7 - 41.7	105.24	38.10	1.60	67.53
	8/27/2014	49.66	39.2 - 39.7	31.7 - 41.7	105.24	39.12	0.58	66.51
	9/24/2014	49.66	39.2 - 39.7	31.7 - 41.7	105.24	Dry	Dry	Dry
	10/30/2014	49.66	39.2 - 39.7	31.7 - 41.7	105.24	Dry	Dry	Dry
	11/24/2014	49.66	39.2 - 39.7	31.7 - 41.7	105.24	Dry	Dry	Dry
	12/9/2014	49.66	39.2 - 39.7	31.7 - 41.7	105.24	Dry	Dry	Dry
	1/20/2015	49.66	39.2 - 39.7	31.7 - 41.7	105.24	Dry	Dry	Dry
	2/17/2015	49.66	39.2 - 39.7	31.7 - 41.7	105.24	Dry	Dry	Dry
	3/26/2015	49.66	39.2 - 39.7	31.7 - 41.7	105.24	Dry	Dry	Dry
	4/14/2015	49.66	39.2 - 39.7	31.7 - 41.7	105.24	Dry	Dry	Dry
	5/27/2015	49.66	39.2 - 39.7	31.7 - 41.7	105.24	Dry	Dry	Dry
	6/18/2015	49.66	39.2 - 39.7	31.7 - 41.7	105.24	Dry	Dry	Dry
	7/30/2015	49.66	39.2 - 39.7	31.7 - 41.7	105.24	Dry	Dry	Dry
	8/26/2015	49.66	39.2 - 39.7	31.7 - 41.7	105.24	Dry	Dry	Dry
	9/29/2015	49.66	39.2 - 39.7	31.7 - 41.7	105.24	Dry	Dry	Dry
	10/28/2015	49.66	39.2 - 39.7	31.7 - 41.7	105.24	Dry	Dry	Dry
	11/18/2015	49.66	39.2 - 39.7	31.7 - 41.7	105.24	Dry	Dry	Dry
	12/30/2015	49.66	39.2 - 39.7	31.7 - 41.7	105.24	Dry	Dry	Dry
	1/27/2016	49.66	39.2 - 39.7	31.7 - 41.7	105.24	Dry	Dry	Dry
	3/23/2016	49.66	39.2 - 39.7	31.7 - 41.7	105.24	Dry	Dry	Dry
	6/22/2016	49.66	39.2 - 39.7	31.7 - 41.7	105.24	Dry	Dry	Dry
	8/31/2016	49.66	39.2 - 39.7	31.7 - 41.7	105.24	Dry	Dry	Dry
	12/27/2016	49.66	39.2 - 39.7	31.7 - 41.7	105.24	Dry	Dry	Dry
	3/29/2017	49.66	39.2 - 39.7	31.7 - 41.7	105.24	Dry	Dry	Dry
	6/28/2017	49.66	39.2 - 39.7	31.7 - 41.7	105.24	Dry	Dry	Dry
	9/27/2017	49.66	39.2 - 39.7	31.7 - 41.7	105.24	Dry	Dry	Dry
	12/27/2017	49.66	39.2 - 39.7	31.7 - 41.7	105.24	Dry	Dry	Dry
VP-13F	1/26/2011	49.66	45.2 - 45.7	43.7 - 48.4	105.24	41.28	4.42	63.96
	3/23/2011	49.66	45.2 - 45.7	43.7 - 48.4	105.24	41.05	4.65	64.19
	11/18/2011	49.66	45.2 - 45.7	43.7 - 48.4	105.24	40.40	5.30	64.84
	4/10/2012	49.66	45.2 - 45.7	43.7 - 48.4	105.24	40.38	5.32	64.86
	5/11/2012	49.66	45.2 - 45.7	43.7 - 48.4	105.24	NM	NM	NM
	5/16/2012	49.66	45.2 - 45.7	43.7 - 48.4	105.24	40.87	4.83	64.37
	5/31/2012	49.66	45.2 - 45.7	43.7 - 48.4	105.24	43.98	1.72	61.26
	6/6/2012	49.66	45.2 - 45.7	43.7 - 48.4	105.24	43.29	2.41	61.95
	6/13/2012	49.66	45.2 - 45.7	43.7 - 48.4	105.24	41.15	4.55	64.09
	6/20/2012	49.66	45.2 - 45.7	43.7 - 48.4	105.24	41.20	4.50	64.04
	6/26/2012	49.66	45.2 - 45.7	43.7 - 48.4	105.24	45.30	0.40	59.94
	7/3/2012	49.66	45.2 - 45.7	43.7 - 48.4	105.24	44.02	1.68	61.22
	1/25/2013	49.66	45.2 - 45.7	43.7 - 48.4	105.24	42.07	3.63	63.17
	2/22/2013	49.66	45.2 - 45.7	43.7 - 48.4	105.24	42.11	3.59	63.13
	3/22/2013	49.66	45.2 - 45.7	43.7 - 48.4	105.24	42.08	3.62	63.16
	4/23/2013	49.66	45.2 - 45.7	43.7 - 48.4	105.24	42.09	3.61	63.54
	5/31/2013	49.66	45.2 - 45.7	43.7 - 48.4	105.24	42.16	3.54	63.47
	6/28/2013	49.66	45.2 - 45.7	43.7 - 48.4	105.24	42.15	3.55	63.48
	7/30/2013	49.66	45.2 - 45.7	43.7 - 48.4	105.24	42.18	3.52	63.45
	8/30/2013	49.66	45.2 - 45.7	43.7 - 48.4	105.24	42.22	3.48	63.41
	9/27/2013	49.66	45.2 - 45.7	43.7 - 48.4	105.24	42.2	3.5	63.43
	10/29/2013	49.66	45.2 - 45.7	43.7 - 48.4	105.24	42.26	3.44	63.37
	11/26/2013	49.66	45.2 - 45.7	43.7 - 48.4	105.24	42.33	3.37	63.30
	12/23/2013	49.66	45.2 - 45.7	43.7 - 48.4	105.24	42.35	3.35	63.28
	1/31/2014	49.66	45.2 - 45.7	43.7 - 48.4	105.24	42.66	3.04	62.97
	2/28/2014	49.66	45.2 - 45.7	43.7 - 48.4	105.24	42.97	2.73	62.66
	3/28/2014	49.66	45.2 - 45.7	43.7 - 48.4	105.24	43.37	2.33	62.26
	4/29/2014	49.66	45.2 - 45.7	43.7 - 48.4	105.24	43.37	2.33	62.26
	5/27/2014	49.66	45.2 - 45.7	43.7 - 48.4	105.24	43.37	2.33	62.26
	6/24/2014	49.66	45.2 - 45.7	43.7 - 48.4	105.24	43.37	2.33	62.26
	7/30/2014	49.66	45.2 - 45.7	43.7 - 48.4	105.24	44.01	1.69	61.62
	8/27/2014	49.66	45.2 - 45.7	43.7 - 48.4	105.24	44.69	1.01	60.94
	9/24/2014	49.66	45.2 - 45.7	43.7 - 48.4	105.24	44.73	0.97	60.90
	10/30/2014	49.66	45.2 - 45.7	43.7 - 48.4	105.24	44.86	0.84	60.77
	11/24/2014	49.66	45.2 - 45.7	43.7 - 48.4	105.24	44.93	0.77	60.70
	12/9/2014	49.66	45.2 - 45.7	43.7 - 48.4	105.24	45	0.70	60.63
	1/20/2015	49.66	45.2 - 45.7	43.7 - 48.4	105.24	45.5	0.20	60.13
	2/17/2015	49.66	45.2 - 45.7	43.7 - 48.4	105.24	45.75	Dry	Dry
	3/26/2015	49.66	45.2 - 45.7	43.7 - 48.4	105.24	46.01	Dry	Dry
	4/14/2015	49.66	45.2 - 45.7	43.7 - 48.4	105.24	46.01	Dry	Dry
	5/27/2015	49.66	45.2 - 45.7	43.7 - 48.4	105.24	46.01	Dry	Dry
	6/18/2015	49.66	45.2 - 45.7	43.7 - 48.4	105.24	46.01	Dry	Dry
	7/30/2015	49.66	45.2 - 45.7	43.7 - 48.4	105.24	46.01	Dry	Dry
	8/26/2015	49.66	45.2 - 45.7	43.7 - 48.4	105.24	46.01	Dry	Dry
	9/29/2015	49.66	45.2 - 45.7	43.7 - 48.4	105.24	46.01	Dry	Dry

TABLE X
PERCHED GROUNDWATER LEVEL MEASUREMENTS
COOPER DRUM COMPANY SUPERFUND SITE
SOUTH GATE, CALIFORNIA

Well ID	Date Measured	Total Depth (ft bTOC)	Screened Interval (ft bTOC)	Filter Pack Sand Interval (ft bTOC)	TOC Elevation (NAVD88)	Depth to Water (ft bTOC)	Water Column (feet)	Perched Groundwater Elevation (NAVD88)
VP-13F	10/28/2015	49.66	45.2 - 45.7	43.7 - 48.4	105.24	46.01	Dry	Dry
	11/18/2015	49.66	45.2 - 45.7	43.7 - 48.4	105.24	46.01	Dry	Dry
	12/30/2015	49.66	45.2 - 45.7	43.7 - 48.4	105.24	46.01	Dry	Dry
	1/27/2016	49.66	45.2 - 45.7	43.7 - 48.4	105.24	46.01	Dry	Dry
	3/23/2016	49.66	45.2 - 45.7	43.7 - 48.4	105.24	46.01	Dry	Dry
	6/22/2016	49.66	45.2 - 45.7	43.7 - 48.4	105.24	46.01	Dry	Dry
	8/31/2016	49.66	45.2 - 45.7	43.7 - 48.4	105.24	46.01	Dry	Dry
	12/27/2016	49.66	45.2 - 45.7	43.7 - 48.4	105.24	46.01	Dry	Dry
	3/29/2017	49.66	45.2 - 45.7	43.7 - 48.4	105.24	46.01	Dry	Dry
	6/28/2017	49.66	45.2 - 45.7	43.7 - 48.4	105.24	46.01	Dry	Dry
	9/27/2017	49.66	45.2 - 45.7	43.7 - 48.4	105.24	46.01	Dry	Dry
	12/27/2017	49.66	45.2 - 45.7	43.7 - 48.4	105.24	46.01	Dry	Dry
VP-13G	3/23/2011	49.66	47.7 - 48.2	43.7 - 48.4	105.24	41.04	7.16	64.20
	11/18/2011	49.66	47.7 - 48.2	43.7 - 48.4	105.24	40.00	8.20	65.24
	4/10/2012	49.66	47.7 - 48.2	43.7 - 48.4	105.24	40.53	7.67	64.71
	5/11/2012	49.66	47.7 - 48.2	43.7 - 48.4	105.24	NM	NM	NM
	5/16/2012	49.66	47.7 - 48.2	43.7 - 48.4	105.24	41.10	7.10	64.14
	5/31/2012	49.66	47.7 - 48.2	43.7 - 48.4	105.24	44.38	3.82	60.86
	6/6/2012	49.66	47.7 - 48.2	43.7 - 48.4	105.24	42.79	5.41	62.45
	6/13/2012	49.66	47.7 - 48.2	43.7 - 48.4	105.24	41.03	7.17	64.21
	6/20/2012	49.66	47.7 - 48.2	43.7 - 48.4	105.24	41.20	7.00	64.04
	6/26/2012	49.66	47.7 - 48.2	43.7 - 48.4	105.24	45.62	2.58	59.62
	7/3/2012	49.66	47.7 - 48.2	43.7 - 48.4	105.24	44.05	4.15	61.19
	1/25/2013	49.66	47.7 - 48.2	43.7 - 48.4	105.24	37.54	10.66	67.70
	2/22/2013	49.66	47.7 - 48.2	43.7 - 48.4	105.24	37.66	10.54	67.58
	3/22/2013	49.66	47.7 - 48.2	43.7 - 48.4	105.24	37.69	10.51	67.55
	4/23/2013	49.66	47.7 - 48.2	43.7 - 48.4	105.24	37.71	10.49	67.92
	5/31/2013	49.66	47.7 - 48.2	43.7 - 48.4	105.24	37.74	10.46	67.89
	6/28/2013	49.66	47.7 - 48.2	43.7 - 48.4	105.24	37.75	10.45	67.88
	7/30/2013	49.66	47.7 - 48.2	43.7 - 48.4	105.24	37.81	10.39	67.82
	8/30/2013	49.66	47.7 - 48.2	43.7 - 48.4	105.24	37.89	10.31	67.74
	9/27/2013	49.66	47.7 - 48.2	43.7 - 48.4	105.24	37.94	10.26	67.69
	10/29/2013	49.66	47.7 - 48.2	43.7 - 48.4	105.24	38	10.20	67.63
	11/26/2013	49.66	47.7 - 48.2	43.7 - 48.4	105.24	38.06	10.14	67.57
	12/23/2013	49.66	47.7 - 48.2	43.7 - 48.4	105.24	38.11	10.09	67.52
	1/31/2014	49.66	47.7 - 48.2	43.7 - 48.4	105.24	38.16	10.04	67.47
	2/28/2014	49.66	47.7 - 48.2	43.7 - 48.4	105.24	38.19	10.01	67.44
	3/28/2014	49.66	47.7 - 48.2	43.7 - 48.4	105.24	38.1	10.10	67.53
	4/29/2014	49.66	47.7 - 48.2	43.7 - 48.4	105.24	38.28	9.92	67.35
	5/27/2014	49.66	47.7 - 48.2	43.7 - 48.4	105.24	38.66	9.54	66.97
	6/24/2014	49.66	47.7 - 48.2	43.7 - 48.4	105.24	39.01	9.19	66.62
	7/30/2014	49.66	47.7 - 48.2	43.7 - 48.4	105.24	41.06	7.14	64.57
	8/27/2014	49.66	47.7 - 48.2	43.7 - 48.4	105.24	43.28	4.92	62.35
	9/24/2014	49.66	47.7 - 48.2	43.7 - 48.4	105.24	44.73	3.47	60.90
	10/30/2014	49.66	47.7 - 48.2	43.7 - 48.4	105.24	44.81	3.39	60.82
	11/24/2014	49.66	47.7 - 48.2	43.7 - 48.4	105.24	44.92	3.28	60.71
	12/9/2014	49.66	47.7 - 48.2	43.7 - 48.4	105.24	45.26	2.94	60.37
	1/20/2015	49.66	47.7 - 48.2	43.7 - 48.4	105.24	46.13	2.07	59.50
	2/17/2015	49.66	47.7 - 48.2	43.7 - 48.4	105.24	46.46	1.74	59.17
	3/26/2015	49.66	47.7 - 48.2	43.7 - 48.4	105.24	47.23	0.97	58.40
	4/14/2015	49.66	47.7 - 48.2	43.7 - 48.4	105.24	47.99	0.21	57.64
	5/27/2015	49.66	47.7 - 48.2	43.7 - 48.4	105.24	48.34	Dry	Dry
	6/18/2015	49.66	47.7 - 48.2	43.7 - 48.4	105.24	48.55	Dry	Dry
	7/30/2015	49.66	47.7 - 48.2	43.7 - 48.4	105.24	48.55	Dry	Dry
	8/26/2015	49.66	47.7 - 48.2	43.7 - 48.4	105.24	48.55	Dry	Dry
	9/29/2015	49.66	47.7 - 48.2	43.7 - 48.4	105.24	48.55	Dry	Dry
	10/28/2015	49.66	47.7 - 48.2	43.7 - 48.4	105.24	48.55	Dry	Dry
	11/18/2015	49.66	47.7 - 48.2	43.7 - 48.4	105.24	48.55	Dry	Dry
	12/30/2015	49.66	47.7 - 48.2	43.7 - 48.4	105.24	48.55	Dry	Dry
	1/27/2016	49.66	47.7 - 48.2	43.7 - 48.4	105.24	48.55	Dry	Dry
	3/23/2016	49.66	47.7 - 48.2	43.7 - 48.4	105.24	48.55	Dry	Dry
	6/22/2016	49.66	47.7 - 48.2	43.7 - 48.4	105.24	48.55	Dry	Dry
	8/31/2016	49.66	47.7 - 48.2	43.7 - 48.4	105.24	48.55	Dry	Dry
	12/27/2016	49.66	47.7 - 48.2	43.7 - 48.4	105.24	48.55	Dry	Dry
	3/29/2017	49.66	47.7 - 48.2	43.7 - 48.4	105.24	48.55	Dry	Dry
	6/28/2017	49.66	47.7 - 48.2	43.7 - 48.4	105.24	48.55	Dry	Dry
	9/27/2017	49.66	47.7 - 48.2	43.7 - 48.4	105.24	48.55	Dry	Dry
	12/27/2017	49.66	47.7 - 48.2	43.7 - 48.4	105.24	48.55	Dry	Dry
VP-14D	11/18/2011	48.15	40.7 - 41.2	31.7 - 41.7	105.13	37.46	3.74	67.67
	4/10/2012	48.15	40.7 - 41.2	31.7 - 41.7	105.13	37.32	3.88	67.81
	5/11/2012	48.15	40.7 - 41.2	31.7 - 41.7	105.13	NM	NM	NM
	5/16/2012	48.15	40.7 - 41.2	31.7 - 41.7	105.13	37.00	4.20	68.13
	5/31/2012	48.15	40.7 - 41.2	31.7 - 41.7	105.13	36.62	4.58	68.51
	6/6/2012	48.15	40.7 - 41.2	31.7 - 41.7	105.13	36.8	4.4	68.33

TABLE X
PERCHED GROUNDWATER LEVEL MEASUREMENTS
COOPER DRUM COMPANY SUPERFUND SITE
SOUTH GATE, CALIFORNIA

Well ID	Date Measured	Total Depth (ft bTOC)	Screened Interval (ft bTOC)	Filter Pack Sand Interval (ft bTOC)	TOC Elevation (NAVD88)	Depth to Water (ft bTOC)	Water Column (feet)	Perched Groundwater Elevation (NAVD88)
VP-14D	6/13/2012	48.15	40.7 - 41.2	31.7 - 41.7	105.13	NM	NM	NM
	6/20/2012	48.15	40.7 - 41.2	31.7 - 41.7	105.13	36.50	4.70	68.63
	6/26/2012	48.15	40.7 - 41.2	31.7 - 41.7	105.13	NM	NM	NM
	7/3/2012	48.15	40.7 - 41.2	31.7 - 41.7	105.13	NM	NM	NM
	1/25/2013	48.15	40.7 - 41.2	31.7 - 41.7	105.13	NM	NM	NM
	2/22/2013	48.15	40.7 - 41.2	31.7 - 41.7	105.13	Dry	Dry	Dry
	3/22/2013	48.15	40.7 - 41.2	31.7 - 41.7	105.13	Dry	Dry	Dry
	4/23/2013	48.15	40.7 - 41.2	31.7 - 41.7	105.13	Dry	Dry	Dry
	5/31/2013	48.15	40.7 - 41.2	31.7 - 41.7	105.13	Dry	Dry	Dry
	6/28/2013	48.15	40.7 - 41.2	31.7 - 41.7	105.13	Dry	Dry	Dry
	7/30/2013	48.15	40.7 - 41.2	31.7 - 41.7	105.13	Dry	Dry	Dry
	8/30/2013	48.15	40.7 - 41.2	31.7 - 41.7	105.13	Dry	Dry	Dry
	9/27/2013	48.15	40.7 - 41.2	31.7 - 41.7	105.13	Dry	Dry	Dry
	10/29/2013	48.15	40.7 - 41.2	31.7 - 41.7	105.13	Dry	Dry	Dry
	11/26/2013	48.15	40.7 - 41.2	31.7 - 41.7	105.13	Dry	Dry	Dry
	12/23/2013	48.15	40.7 - 41.2	31.7 - 41.7	105.13	Dry	Dry	Dry
	1/31/2014	48.15	40.7 - 41.2	31.7 - 41.7	105.13	Dry	Dry	Dry
	2/28/2014	48.15	40.7 - 41.2	31.7 - 41.7	105.13	Dry	Dry	Dry
	3/28/2014	48.15	40.7 - 41.2	31.7 - 41.7	105.13	Dry	Dry	Dry
	4/29/2014	48.15	40.7 - 41.2	31.7 - 41.7	105.13	Dry	Dry	Dry
	5/27/2014	48.15	40.7 - 41.2	31.7 - 41.7	105.13	Dry	Dry	Dry
	6/24/2014	48.15	40.7 - 41.2	31.7 - 41.7	105.13	Dry	Dry	Dry
	7/30/2014	48.15	40.7 - 41.2	31.7 - 41.7	105.13	Dry	Dry	Dry
	8/27/2014	48.15	40.7 - 41.2	31.7 - 41.7	105.13	Dry	Dry	Dry
	9/24/2014	48.15	40.7 - 41.2	31.7 - 41.7	105.13	Dry	Dry	Dry
	10/30/2014	48.15	40.7 - 41.2	31.7 - 41.7	105.13	Dry	Dry	Dry
	11/24/2014	48.15	40.7 - 41.2	31.7 - 41.7	105.13	Dry	Dry	Dry
	12/9/2014	48.15	40.7 - 41.2	31.7 - 41.7	105.13	38.75	2.45	66.38
	1/20/2015	48.15	40.7 - 41.2	31.7 - 41.7	105.13	Dry	Dry	Dry
	2/17/2015	48.15	40.7 - 41.2	31.7 - 41.7	105.13	Dry	Dry	Dry
	3/26/2015	48.15	40.7 - 41.2	31.7 - 41.7	105.13	Dry	Dry	Dry
	4/14/2015	48.15	40.7 - 41.2	31.7 - 41.7	105.13	Dry	Dry	Dry
	5/27/2015	48.15	40.7 - 41.2	31.7 - 41.7	105.13	Dry	Dry	Dry
	6/18/2015	48.15	40.7 - 41.2	31.7 - 41.7	105.13	Dry	Dry	Dry
	7/30/2015	48.15	40.7 - 41.2	31.7 - 41.7	105.13	Dry	Dry	Dry
	8/26/2015	48.15	40.7 - 41.2	31.7 - 41.7	105.13	Dry	Dry	Dry
	9/29/2015	48.15	40.7 - 41.2	31.7 - 41.7	105.13	Dry	Dry	Dry
	10/28/2015	48.15	40.7 - 41.2	31.7 - 41.7	105.13	Dry	Dry	Dry
	11/18/2015	48.15	40.7 - 41.2	31.7 - 41.7	105.13	Dry	Dry	Dry
	12/30/2015	48.15	40.7 - 41.2	31.7 - 41.7	105.13	Dry	Dry	Dry
	1/27/2016	48.15	40.7 - 41.2	31.7 - 41.7	105.13	Dry	Dry	Dry
	3/23/2016	48.15	40.7 - 41.2	31.7 - 41.7	105.13	Dry	Dry	Dry
	6/22/2016	48.15	40.7 - 41.2	31.7 - 41.7	105.13	Dry	Dry	Dry
	8/31/2016	48.15	40.7 - 41.2	31.7 - 41.7	105.13	Dry	Dry	Dry
	12/27/2016	48.15	40.7 - 41.2	31.7 - 41.7	105.13	Dry	Dry	Dry
	3/29/2017	48.15	40.7 - 41.2	31.7 - 41.7	105.13	Dry	Dry	Dry
	6/28/2017	48.15	40.7 - 41.2	31.7 - 41.7	105.13	Dry	Dry	Dry
	9/27/2017	48.15	40.7 - 41.2	31.7 - 41.7	105.13	Dry	Dry	Dry
	12/27/2017	48.15	40.7 - 41.2	31.7 - 41.7	105.13	Dry	Dry	Dry
VP-14E	11/18/2011	48.15	39.2 - 39.7	31.7 - 41.7	105.13	36.78	2.92	68.35
	4/10/2012	48.15	39.2 - 39.7	31.7 - 41.7	105.13	36.24	3.46	68.89
	5/11/2012	48.15	39.2 - 39.7	31.7 - 41.7	105.13	NM	NM	NM
	5/16/2012	48.15	39.2 - 39.7	31.7 - 41.7	105.13	37.13	2.57	68.00
	5/31/2012	48.15	39.2 - 39.7	31.7 - 41.7	105.13	36.62	3.08	68.51
	6/6/2012	48.15	39.2 - 39.7	31.7 - 41.7	105.13	39.15	0.55	65.98
	6/13/2012	48.15	39.2 - 39.7	31.7 - 41.7	105.13	NM	NM	NM
	6/20/2012	48.15	39.2 - 39.7	31.7 - 41.7	105.13	37.94	1.76	67.19
	6/26/2012	48.15	39.2 - 39.7	31.7 - 41.7	105.13	NM	NM	NM
	7/3/2012	48.15	39.2 - 39.7	31.7 - 41.7	105.13	NM	NM	NM
	1/25/2013	48.15	39.2 - 39.7	31.7 - 41.7	105.13	NM	NM	NM
	2/22/2013	48.15	39.2 - 39.7	31.7 - 41.7	105.13	Dry	Dry	Dry
	3/22/2013	48.15	39.2 - 39.7	31.7 - 41.7	105.13	Dry	Dry	Dry
	4/23/2013	48.15	39.2 - 39.7	31.7 - 41.7	105.13	Dry	Dry	Dry
	5/31/2013	48.15	39.2 - 39.7	31.7 - 41.7	105.13	Dry	Dry	Dry
	6/28/2013	48.15	39.2 - 39.7	31.7 - 41.7	105.13	Dry	Dry	Dry
	7/30/2013	48.15	39.2 - 39.7	31.7 - 41.7	105.13	Dry	Dry	Dry
	8/30/2013	48.15	39.2 - 39.7	31.7 - 41.7	105.13	Dry	Dry	Dry
	9/27/2013	48.15	39.2 - 39.7	31.7 - 41.7	105.13	Dry	Dry	Dry
	10/29/2013	48.15	39.2 - 39.7	31.7 - 41.7	105.13	Dry	Dry	Dry
	11/26/2013	48.15	39.2 - 39.7	31.7 - 41.7	105.13	Dry	Dry	Dry
	12/23/2013	48.15	39.2 - 39.7	31.7 - 41.7	105.13	Dry	Dry	Dry
	1/31/2014	48.15	39.2 - 39.7	31.7 - 41.7	105.13	38.45	1.25	66.68
	2/28/2014	48.15	39.2 - 39.7	31.7 - 41.7	105.13	38.57	1.13	66.56
	3/28/2014	48.15	39.2 - 39.7	31.7 - 41.7	105.13	38.64	1.06	66.49

TABLE X
PERCHED GROUNDWATER LEVEL MEASUREMENTS
COOPER DRUM COMPANY SUPERFUND SITE
SOUTH GATE, CALIFORNIA

Well ID	Date Measured	Total Depth (ft bTOC)	Screened Interval (ft bTOC)	Filter Pack Sand Interval (ft bTOC)	TOC Elevation (NAVD88)	Depth to Water (ft bTOC)	Water Column (feet)	Perched Groundwater Elevation (NAVD88)
VP-14E	4/29/2014	48.15	39.2 - 39.7	31.7 - 41.7	105.13	38.66	1.04	66.47
	5/27/2014	48.15	39.2 - 39.7	31.7 - 41.7	105.13	38.69	1.01	66.44
	6/24/2014	48.15	39.2 - 39.7	31.7 - 41.7	105.13	38.64	1.06	66.49
	7/30/2014	48.15	39.2 - 39.7	31.7 - 41.7	105.13	Dry	Dry	Dry
	8/27/2014	48.15	39.2 - 39.7	31.7 - 41.7	105.13	Dry	Dry	Dry
	9/24/2014	48.15	39.2 - 39.7	31.7 - 41.7	105.13	Dry	Dry	Dry
	10/30/2014	48.15	39.2 - 39.7	31.7 - 41.7	105.13	Dry	Dry	Dry
	11/24/2014	48.15	39.2 - 39.7	31.7 - 41.7	105.13	Dry	Dry	Dry
	12/9/2014	48.15	39.2 - 39.7	31.7 - 41.7	105.13	38.60	1.10	66.53
	1/20/2015	48.15	39.2 - 39.7	31.7 - 41.7	105.13	38.60	1.10	66.53
	2/17/2015	48.15	39.2 - 39.7	31.7 - 41.7	105.13	38.60	1.10	66.53
	3/26/2015	48.15	39.2 - 39.7	31.7 - 41.7	105.13	38.60	1.10	66.53
	4/14/2015	48.15	39.2 - 39.7	31.7 - 41.7	105.13	38.60	1.10	66.53
	5/27/2015	48.15	39.2 - 39.7	31.7 - 41.7	105.13	38.60	1.10	66.53
	6/18/2015	48.15	39.2 - 39.7	31.7 - 41.7	105.13	38.60	1.10	66.53
	7/30/2015	48.15	39.2 - 39.7	31.7 - 41.7	105.13	39.35	0.35	65.78
	8/26/2015	48.15	39.2 - 39.7	31.7 - 41.7	105.13	39.62	0.08	65.51
	9/29/2015	48.15	39.2 - 39.7	31.7 - 41.7	105.13	39.70	Dry	Dry
	10/28/2015	48.15	39.2 - 39.7	31.7 - 41.7	105.13	39.70	Dry	Dry
	11/18/2015	48.15	39.2 - 39.7	31.7 - 41.7	105.13	39.70	Dry	Dry
	12/30/2015	48.15	39.2 - 39.7	31.7 - 41.7	105.13	39.70	Dry	Dry
	1/27/2016	48.15	39.2 - 39.7	31.7 - 41.7	105.13	39.70	Dry	Dry
	3/23/2016	48.15	39.2 - 39.7	31.7 - 41.7	105.13	39.70	Dry	Dry
	6/22/2016	48.15	39.2 - 39.7	31.7 - 41.7	105.13	39.7	Dry	Dry
	8/31/2016	48.15	39.2 - 39.7	31.7 - 41.7	105.13	39.7	Dry	Dry
	12/27/2016	48.15	39.2 - 39.7	31.7 - 41.7	105.13	39.70	Dry	Dry
	3/29/2017	48.15	39.2 - 39.7	31.7 - 41.7	105.13	39.70	Dry	Dry
	6/28/2017	48.15	39.2 - 39.7	31.7 - 41.7	105.13	39.70	Dry	Dry
	9/27/2017	48.15	39.2 - 39.7	31.7 - 41.7	105.13	39.70	Dry	Dry
	12/27/2017	48.15	39.2 - 39.7	31.7 - 41.7	105.13	39.70	Dry	Dry
VP-14F	11/18/2011	48.15	45.2 - 45.7	43.7 - 48.2	105.13	39.93	5.77	65.20
	4/10/2012	48.15	45.2 - 45.7	43.7 - 48.2	105.13	45.42	0.28	59.71
	5/11/2012	48.15	45.2 - 45.7	43.7 - 48.2	105.13	NM	NM	NM
	5/16/2012	48.15	45.2 - 45.7	43.7 - 48.2	105.13	44.60	1.10	60.53
	5/31/2012	48.15	45.2 - 45.7	43.7 - 48.2	105.13	43.97	1.73	61.16
	6/6/2012	48.15	45.2 - 45.7	43.7 - 48.2	105.13	42.55	3.15	62.58
	6/13/2012	48.15	45.2 - 45.7	43.7 - 48.2	105.13	NM	NM	NM
	6/20/2012	48.15	45.2 - 45.7	43.7 - 48.2	105.13	40.85	4.85	64.28
	6/26/2012	48.15	45.2 - 45.7	43.7 - 48.2	105.13	NM	NM	NM
	7/3/2012	48.15	45.2 - 45.7	43.7 - 48.2	105.13	NM	NM	NM
	1/25/2013	48.15	45.2 - 45.7	43.7 - 48.2	105.13	NM	NM	NM
	2/22/2013	48.15	45.2 - 45.7	43.7 - 48.2	105.13	45.18	0.52	59.95
	3/22/2013	48.15	45.2 - 45.7	43.7 - 48.2	105.13	45.27	0.43	59.86
	4/23/2013	48.15	45.2 - 45.7	43.7 - 48.2	105.13	45.29	0.41	60.34
	5/31/2013	48.15	45.2 - 45.7	43.7 - 48.2	105.13	45.36	0.34	60.27
	6/28/2013	48.15	45.2 - 45.7	43.7 - 48.2	105.13	45.36	0.34	60.27
	7/30/2013	48.15	45.2 - 45.7	43.7 - 48.2	105.13	45.41	0.29	60.22
	8/30/2013	48.15	45.2 - 45.7	43.7 - 48.2	105.13	45.47	0.23	60.16
	9/27/2013	48.15	45.2 - 45.7	43.7 - 48.2	105.13	45.62	0.08	60.01
	10/29/2013	48.15	45.2 - 45.7	43.7 - 48.2	105.13	45.70	Dry	Dry
	11/26/2013	48.15	45.2 - 45.7	43.7 - 48.2	105.13	45.74	Dry	Dry
	12/23/2013	48.15	45.2 - 45.7	43.7 - 48.2	105.13	45.74	Dry	Dry
	1/31/2014	48.15	45.2 - 45.7	43.7 - 48.2	105.13	45.74	Dry	Dry
	2/28/2014	48.15	45.2 - 45.7	43.7 - 48.2	105.13	45.74	Dry	Dry
	3/28/2014	48.15	45.2 - 45.7	43.7 - 48.2	105.13	45.74	Dry	Dry
	4/29/2014	48.15	45.2 - 45.7	43.7 - 48.2	105.13	45.64	0.06	59.99
	5/27/2014	48.15	45.2 - 45.7	43.7 - 48.2	105.13	45.01	0.69	60.62
	6/24/2014	48.15	45.2 - 45.7	43.7 - 48.2	105.13	43.37	2.33	62.26
	7/30/2014	48.15	45.2 - 45.7	43.7 - 48.2	105.13	Dry	Dry	Dry
	8/27/2014	48.15	45.2 - 45.7	43.7 - 48.2	105.13	Dry	Dry	Dry
	9/24/2014	48.15	45.2 - 45.7	43.7 - 48.2	105.13	Dry	Dry	Dry
	10/30/2014	48.15	45.2 - 45.7	43.7 - 48.2	105.13	Dry	Dry	Dry
	11/24/2014	48.15	45.2 - 45.7	43.7 - 48.2	105.13	Dry	Dry	Dry
	12/9/2014	48.15	45.2 - 45.7	43.7 - 48.2	105.13	Dry	Dry	Dry
	1/20/2015	48.15	45.2 - 45.7	43.7 - 48.2	105.13	Dry	Dry	Dry
	2/17/2015	48.15	45.2 - 45.7	43.7 - 48.2	105.13	Dry	Dry	Dry
	3/26/2015	48.15	45.2 - 45.7	43.7 - 48.2	105.13	Dry	Dry	Dry
	4/14/2015	48.15	45.2 - 45.7	43.7 - 48.2	105.13	Dry	Dry	Dry
	5/27/2015	48.15	45.2 - 45.7	43.7 - 48.2	105.13	Dry	Dry	Dry
	6/18/2015	48.15	45.2 - 45.7	43.7 - 48.2	105.13	Dry	Dry	Dry
	7/30/2015	48.15	45.2 - 45.7	43.7 - 48.2	105.13	Dry	Dry	Dry
	8/26/2015	48.15	45.2 - 45.7	43.7 - 48.2	105.13	Dry	Dry	Dry
	9/29/2015	48.15	45.2 - 45.7	43.7 - 48.2	105.13	Dry	Dry	Dry
	10/28/2015	48.15	45.2 - 45.7	43.7 - 48.2	105.13	Dry	Dry	Dry

TABLE X
PERCHED GROUNDWATER LEVEL MEASUREMENTS
COOPER DRUM COMPANY SUPERFUND SITE
SOUTH GATE, CALIFORNIA

Well ID	Date Measured	Total Depth (ft bTOC)	Screened Interval (ft bTOC)	Filter Pack Sand Interval (ft bTOC)	TOC Elevation (NAVD88)	Depth to Water (ft bTOC)	Water Column (feet)	Perched Groundwater Elevation (NAVD88)
VP-14F	11/18/2015	48.15	45.2 - 45.7	43.7 - 48.2	105.13	Dry	Dry	Dry
	12/30/2015	48.15	45.2 - 45.7	43.7 - 48.2	105.13	Dry	Dry	Dry
	1/27/2016	48.15	45.2 - 45.7	43.7 - 48.2	105.13	Dry	Dry	Dry
	3/23/2016	48.15	45.2 - 45.7	43.7 - 48.2	105.13	Dry	Dry	Dry
	6/22/2016	48.15	45.2 - 45.7	43.7 - 48.2	105.13	Dry	Dry	Dry
	8/31/2016	48.15	45.2 - 45.7	43.7 - 48.2	105.13	Dry	Dry	Dry
	12/27/2016	48.15	45.2 - 45.7	43.7 - 48.2	105.13	Dry	Dry	Dry
	3/29/2017	48.15	45.2 - 45.7	43.7 - 48.2	105.13	Dry	Dry	Dry
	6/28/2017	48.15	45.2 - 45.7	43.7 - 48.2	105.13	Dry	Dry	Dry
	9/27/2017	48.15	45.2 - 45.7	43.7 - 48.2	105.13	Dry	Dry	Dry
	12/27/2017	48.15	45.2 - 45.7	43.7 - 48.2	105.13	Dry	Dry	Dry
VP-14G	11/18/2011	48.15	46.7 - 47.2	43.7 - 48.2	105.13	39.93	7.27	65.20
	4/10/2012	48.15	46.7 - 47.2	43.7 - 48.2	105.13	NM	NM	NM
	5/11/2012	48.15	46.7 - 47.2	43.7 - 48.2	105.13	NM	NM	NM
	5/16/2012	48.15	46.7 - 47.2	43.7 - 48.2	105.13	36.2	11.00	68.93
	5/31/2012	48.15	46.7 - 47.2	43.7 - 48.2	105.13	(44.90)	NA	NA
	6/6/2012	48.15	46.7 - 47.2	43.7 - 48.2	105.13	37.8	9.40	67.33
	6/13/2012	48.15	46.7 - 47.2	43.7 - 48.2	105.13	NM	NM	NM
	6/20/2012	48.15	46.7 - 47.2	43.7 - 48.2	105.13	38.37	8.83	66.76
	6/26/2012	48.15	46.7 - 47.2	43.7 - 48.2	105.13	NM	NM	NM
	7/3/2012	48.15	46.7 - 47.2	43.7 - 48.2	105.13	NM	NM	NM
	1/25/2013	48.15	46.7 - 47.2	43.7 - 48.2	105.13	NM	NM	NM
	2/22/2013	48.15	46.7 - 47.2	43.7 - 48.2	105.13	45.63	1.57	59.50
	3/22/2013	48.15	46.7 - 47.2	43.7 - 48.2	105.13	45.61	1.59	59.52
	4/23/2013	48.15	46.7 - 47.2	43.7 - 48.2	105.13	45.65	1.55	59.98
	5/31/2013	48.15	46.7 - 47.2	43.7 - 48.2	105.13	45.71	1.49	59.92
	6/28/2013	48.15	46.7 - 47.2	43.7 - 48.2	105.13	45.75	1.45	59.88
	7/30/2013	48.15	46.7 - 47.2	43.7 - 48.2	105.13	45.76	1.44	59.87
	8/30/2013	48.15	46.7 - 47.2	43.7 - 48.2	105.13	45.81	1.39	59.82
	9/27/2013	48.15	46.7 - 47.2	43.7 - 48.2	105.13	45.89	1.31	59.74
	10/29/2013	48.15	46.7 - 47.2	43.7 - 48.2	105.13	45.99	1.21	59.64
	11/26/2013	48.15	46.7 - 47.2	43.7 - 48.2	105.13	46.03	1.17	59.60
	12/23/2013	48.15	46.7 - 47.2	43.7 - 48.2	105.13	46.08	1.12	59.55
	1/31/2014	48.15	46.7 - 47.2	43.7 - 48.2	105.13	46.55	0.65	59.08
	2/28/2014	48.15	46.7 - 47.2	43.7 - 48.2	105.13	46.69	0.51	58.94
	3/28/2014	48.15	46.7 - 47.2	43.7 - 48.2	105.13	46.85	0.35	58.78
	4/29/2014	48.15	46.7 - 47.2	43.7 - 48.2	105.13	46.90	0.30	58.73
	5/27/2014	48.15	46.7 - 47.2	43.7 - 48.2	105.13	46.91	0.29	58.72
	6/24/2014	48.15	46.7 - 47.2	43.7 - 48.2	105.13	46.95	0.25	58.68
	7/30/2014	48.15	46.7 - 47.2	43.7 - 48.2	105.13	Dry	Dry	Dry
	8/27/2014	48.15	46.7 - 47.2	43.7 - 48.2	105.13	Dry	Dry	Dry
	9/24/2014	48.15	46.7 - 47.2	43.7 - 48.2	105.13	Dry	Dry	Dry
	10/30/2014	48.15	46.7 - 47.2	43.7 - 48.2	105.13	Dry	Dry	Dry
	11/24/2014	48.15	46.7 - 47.2	43.7 - 48.2	105.13	Dry	Dry	Dry
	12/9/2014	48.15	46.7 - 47.2	43.7 - 48.2	105.13	Dry	Dry	Dry
	1/20/2015	48.15	46.7 - 47.2	43.7 - 48.2	105.13	Dry	Dry	Dry
	2/17/2015	48.15	46.7 - 47.2	43.7 - 48.2	105.13	Dry	Dry	Dry
	3/26/2015	48.15	46.7 - 47.2	43.7 - 48.2	105.13	Dry	Dry	Dry
	4/14/2015	48.15	46.7 - 47.2	43.7 - 48.2	105.13	Dry	Dry	Dry
	5/27/2015	48.15	46.7 - 47.2	43.7 - 48.2	105.13	Dry	Dry	Dry
	6/18/2015	48.15	46.7 - 47.2	43.7 - 48.2	105.13	Dry	Dry	Dry
	7/30/2015	48.15	46.7 - 47.2	43.7 - 48.2	105.13	Dry	Dry	Dry
	8/26/2015	48.15	46.7 - 47.2	43.7 - 48.2	105.13	Dry	Dry	Dry
	9/29/2015	48.15	46.7 - 47.2	43.7 - 48.2	105.13	Dry	Dry	Dry
	10/28/2015	48.15	46.7 - 47.2	43.7 - 48.2	105.13	Dry	Dry	Dry
	11/18/2015	48.15	46.7 - 47.2	43.7 - 48.2	105.13	Dry	Dry	Dry
	12/30/2015	48.15	46.7 - 47.2	43.7 - 48.2	105.13	Dry	Dry	Dry
	1/27/2016	48.15	46.7 - 47.2	43.7 - 48.2	105.13	Dry	Dry	Dry
	3/23/2016	48.15	46.7 - 47.2	43.7 - 48.2	105.13	Dry	Dry	Dry
	6/22/2016	48.15	46.7 - 47.2	43.7 - 48.2	105.13	Dry	Dry	Dry
	8/31/2016	48.15	46.7 - 47.2	43.7 - 48.2	105.13	Dry	Dry	Dry
	12/27/2016	48.15	46.7 - 47.2	43.7 - 48.2	105.13	Dry	Dry	Dry
	3/29/2017	48.15	46.7 - 47.2	43.7 - 48.2	105.13	Dry	Dry	Dry
	6/28/2017	48.15	46.7 - 47.2	43.7 - 48.2	105.13	Dry	Dry	Dry
	9/27/2017	48.15	46.7 - 47.2	43.7 - 48.2	105.13	Dry	Dry	Dry
	12/27/2017	48.15	46.7 - 47.2	43.7 - 48.2	105.13	Dry	Dry	Dry
VP-15D	11/18/2011	49.87	34.4 - 34.9	33.4 - 35.9	105.88	Dry	Dry	Dry
	4/10/2012	49.87	34.4 - 34.9	33.4 - 35.9	105.88	34.84 *	0.06	71.04 *
	5/11/2012	49.87	34.4 - 34.9	33.4 - 35.9	105.88	(34.80)	NA	NA
	5/16/2012	49.87	34.4 - 34.9	33.4 - 35.9	105.88	(34.75)	NA	NA
	5/31/2012	49.87	34.4 - 34.9	33.4 - 35.9	105.88	Dry	Dry	Dry
	6/6/2012	49.87	34.4 - 34.9	33.4 - 35.9	105.88	(34.80)	NA	NA
	6/13/2012	49.87	34.4 - 34.9	33.4 - 35.9	105.88	(34.80)	NA	NA
	6/20/2012	49.87	34.4 - 34.9	33.4 - 35.9	105.88	(34.80)	NA	NA

TABLE X
PERCHED GROUNDWATER LEVEL MEASUREMENTS
COOPER DRUM COMPANY SUPERFUND SITE
SOUTH GATE, CALIFORNIA

Well ID	Date Measured	Total Depth (ft bTOC)	Screened Interval (ft bTOC)	Filter Pack Sand Interval (ft bTOC)	TOC Elevation (NAVD88)	Depth to Water (ft bTOC)	Water Column (feet)	Perched Groundwater Elevation (NAVD88)
VP-15D	6/26/2012	49.87	34.4 - 34.9	33.4 - 35.9	105.88	(34.80)	NA	NA
	7/3/2012	49.87	34.4 - 34.9	33.4 - 35.9	105.88	(34.80)	NA	NA
	1/25/2013	49.87	34.4 - 34.9	33.4 - 35.9	105.88	NM	NM	NM
	2/22/2013	49.87	34.4 - 34.9	33.4 - 35.9	105.88	Dry	Dry	Dry
	3/22/2013	49.87	34.4 - 34.9	33.4 - 35.9	105.88	Dry	Dry	Dry
	4/23/2013	49.87	34.4 - 34.9	33.4 - 35.9	105.88	Dry	Dry	Dry
	5/31/2013	49.87	34.4 - 34.9	33.4 - 35.9	105.88	Dry	Dry	Dry
	6/28/2013	49.87	34.4 - 34.9	33.4 - 35.9	105.88	Dry	Dry	Dry
	7/30/2013	49.87	34.4 - 34.9	33.4 - 35.9	105.88	Dry	Dry	Dry
	8/30/2013	49.87	34.4 - 34.9	33.4 - 35.9	105.88	Dry	Dry	Dry
	9/27/2013	49.87	34.4 - 34.9	33.4 - 35.9	105.88	Dry	Dry	Dry
	10/29/2013	49.87	34.4 - 34.9	33.4 - 35.9	105.88	Dry	Dry	Dry
	11/26/2013	49.87	34.4 - 34.9	33.4 - 35.9	105.88	Dry	Dry	Dry
	12/23/2013	49.87	34.4 - 34.9	33.4 - 35.9	105.88	Dry	Dry	Dry
	1/31/2014	49.87	34.4 - 34.9	33.4 - 35.9	105.88	Dry	Dry	Dry
	2/28/2014	49.87	34.4 - 34.9	33.4 - 35.9	105.88	Dry	Dry	Dry
	3/28/2014	49.87	34.4 - 34.9	33.4 - 35.9	105.88	Dry	Dry	Dry
	4/29/2014	49.87	34.4 - 34.9	33.4 - 35.9	105.88	Dry	Dry	Dry
	5/27/2014	49.87	34.4 - 34.9	33.4 - 35.9	105.88	Dry	Dry	Dry
	6/24/2014	49.87	34.4 - 34.9	33.4 - 35.9	105.88	Dry	Dry	Dry
	7/30/2014	49.87	34.4 - 34.9	33.4 - 35.9	105.88	Dry	Dry	Dry
	8/27/2014	49.87	34.4 - 34.9	33.4 - 35.9	105.88	Dry	Dry	Dry
	9/24/2014	49.87	34.4 - 34.9	33.4 - 35.9	105.88	Dry	Dry	Dry
	10/30/2014	49.87	34.4 - 34.9	33.4 - 35.9	105.88	Dry	Dry	Dry
	11/24/2014	49.87	34.4 - 34.9	33.4 - 35.9	105.88	Dry	Dry	Dry
	12/9/2014	49.87	34.4 - 34.9	33.4 - 35.9	105.88	Dry	Dry	Dry
	1/20/2015	49.87	34.4 - 34.9	33.4 - 35.9	105.88	Dry	Dry	Dry
	2/17/2015	49.87	34.4 - 34.9	33.4 - 35.9	105.88	Dry	Dry	Dry
	3/26/2015	49.87	34.4 - 34.9	33.4 - 35.9	105.88	Dry	Dry	Dry
	4/14/2015	49.87	34.4 - 34.9	33.4 - 35.9	105.88	Dry	Dry	Dry
	5/27/2015	49.87	34.4 - 34.9	33.4 - 35.9	105.88	Dry	Dry	Dry
	6/18/2015	49.87	34.4 - 34.9	33.4 - 35.9	105.88	Dry	Dry	Dry
	7/30/2015	49.87	34.4 - 34.9	33.4 - 35.9	105.88	Dry	Dry	Dry
	8/26/2015	49.87	34.4 - 34.9	33.4 - 35.9	105.88	Dry	Dry	Dry
	9/29/2015	49.87	34.4 - 34.9	33.4 - 35.9	105.88	Dry	Dry	Dry
	10/28/2015	49.87	34.4 - 34.9	33.4 - 35.9	105.88	Dry	Dry	Dry
	11/18/2015	49.87	34.4 - 34.9	33.4 - 35.9	105.88	Dry	Dry	Dry
	12/30/2015	49.87	34.4 - 34.9	33.4 - 35.9	105.88	Dry	Dry	Dry
	1/27/2016	49.87	34.4 - 34.9	33.4 - 35.9	105.88	Dry	Dry	Dry
	3/23/2016	49.87	34.4 - 34.9	33.4 - 35.9	105.88	Dry	Dry	Dry
	6/22/2016	49.87	34.4 - 34.9	33.4 - 35.9	105.88	Dry	Dry	Dry
	8/31/2016	49.87	34.4 - 34.9	33.4 - 35.9	105.88	Dry	Dry	Dry
	12/27/2016	49.87	34.4 - 34.9	33.4 - 35.9	105.88	Dry	Dry	Dry
	3/29/2017	49.87	34.4 - 34.9	33.4 - 35.9	105.88	Dry	Dry	Dry
	6/28/2017	49.87	34.4 - 34.9	33.4 - 35.9	105.88	Dry	Dry	Dry
	9/27/2017	49.87	34.4 - 34.9	33.4 - 35.9	105.88	Dry	Dry	Dry
	12/27/2017	49.87	34.4 - 34.9	33.4 - 35.9	105.88	Dry	Dry	Dry
VP-15E	11/18/2011	49.9	39.9 - 40.4	38.9 - 41.4	105.88	Dry	Dry	Dry
	4/10/2012	49.9	39.9 - 40.4	38.9 - 41.4	105.88	Dry	Dry	Dry
	5/11/2012	49.9	39.9 - 40.4	38.9 - 41.4	105.88	Dry	Dry	Dry
	5/16/2012	49.9	39.9 - 40.4	38.9 - 41.4	105.88	Dry	Dry	Dry
	5/31/2012	49.9	39.9 - 40.4	38.9 - 41.4	105.88	Dry	Dry	Dry
	6/6/2012	49.9	39.9 - 40.4	38.9 - 41.4	105.88	Dry	Dry	Dry
	6/13/2012	49.9	39.9 - 40.4	38.9 - 41.4	105.88	Dry	Dry	Dry
	6/20/2012	49.9	39.9 - 40.4	38.9 - 41.4	105.88	Dry	Dry	Dry
	6/26/2012	49.9	39.9 - 40.4	38.9 - 41.4	105.88	Dry	Dry	Dry
	7/3/2012	49.9	39.9 - 40.4	38.9 - 41.4	105.88	Dry	Dry	Dry
	1/25/2013	49.9	39.9 - 40.4	38.9 - 41.4	105.88	NM	NM	NM
	2/22/2013	49.9	39.9 - 40.4	38.9 - 41.4	105.88	Dry	Dry	Dry
	3/22/2013	49.9	39.9 - 40.4	38.9 - 41.4	105.88	Dry	Dry	Dry
	4/23/2013	49.9	39.9 - 40.4	38.9 - 41.4	105.88	Dry	Dry	Dry
	5/31/2013	49.9	39.9 - 40.4	38.9 - 41.4	105.88	Dry	Dry	Dry
	6/28/2013	49.9	39.9 - 40.4	38.9 - 41.4	105.88	Dry	Dry	Dry
	7/30/2013	49.9	39.9 - 40.4	38.9 - 41.4	105.88	Dry	Dry	Dry
	8/30/2013	49.9	39.9 - 40.4	38.9 - 41.4	105.88	Dry	Dry	Dry
	9/27/2013	49.9	39.9 - 40.4	38.9 - 41.4	105.88	Dry	Dry	Dry
	10/29/2013	49.9	39.9 - 40.4	38.9 - 41.4	105.88	Dry	Dry	Dry
	11/26/2013	49.9	39.9 - 40.4	38.9 - 41.4	105.88	Dry	Dry	Dry
	12/23/2013	49.9	39.9 - 40.4	38.9 - 41.4	105.88	Dry	Dry	Dry
	1/31/2014	49.9	39.9 - 40.4	38.9 - 41.4	105.88	Dry	Dry	Dry
	2/28/2014	49.9	39.9 - 40.4	38.9 - 41.4	105.88	Dry	Dry	Dry
	3/28/2014	49.9	39.9 - 40.4	38.9 - 41.4	105.88	Dry	Dry	Dry
	4/29/2014	49.9	39.9 - 40.4	38.9 - 41.4	105.88	Dry	Dry	Dry
	5/27/2014	49.9	39.9 - 40.4	38.9 - 41.4	105.88	Dry	Dry	Dry

TABLE X
PERCHED GROUNDWATER LEVEL MEASUREMENTS
COOPER DRUM COMPANY SUPERFUND SITE
SOUTH GATE, CALIFORNIA

Well ID	Date Measured	Total Depth (ft bTOC)	Screened Interval (ft bTOC)	Filter Pack Sand Interval (ft bTOC)	TOC Elevation (NAVD88)	Depth to Water (ft bTOC)	Water Column (feet)	Perched Groundwater Elevation (NAVD88)
VP-15E	6/24/2014	49.9	39.9 - 40.4	38.9 - 41.4	105.88	Dry	Dry	Dry
	7/30/2014	49.9	39.9 - 40.4	38.9 - 41.4	105.88	Dry	Dry	Dry
	8/27/2014	49.9	39.9 - 40.4	38.9 - 41.4	105.88	Dry	Dry	Dry
	9/24/2014	49.9	39.9 - 40.4	38.9 - 41.4	105.88	Dry	Dry	Dry
	10/30/2014	49.9	39.9 - 40.4	38.9 - 41.4	105.88	Dry	Dry	Dry
	11/24/2014	49.9	39.9 - 40.4	38.9 - 41.4	105.88	Dry	Dry	Dry
	12/9/2014	49.9	39.9 - 40.4	38.9 - 41.4	105.88	Dry	Dry	Dry
	1/20/2015	49.9	39.9 - 40.4	38.9 - 41.4	105.88	Dry	Dry	Dry
	2/17/2015	49.9	39.9 - 40.4	38.9 - 41.4	105.88	Dry	Dry	Dry
	3/26/2015	49.9	39.9 - 40.4	38.9 - 41.4	105.88	Dry	Dry	Dry
	4/14/2015	49.9	39.9 - 40.4	38.9 - 41.4	105.88	Dry	Dry	Dry
	5/27/2015	49.9	39.9 - 40.4	38.9 - 41.4	105.88	Dry	Dry	Dry
	6/18/2015	49.9	39.9 - 40.4	38.9 - 41.4	105.88	Dry	Dry	Dry
	7/30/2015	49.9	39.9 - 40.4	38.9 - 41.4	105.88	Dry	Dry	Dry
	8/26/2015	49.9	39.9 - 40.4	38.9 - 41.4	105.88	Dry	Dry	Dry
	9/29/2015	49.9	39.9 - 40.4	38.9 - 41.4	105.88	Dry	Dry	Dry
	10/28/2015	49.9	39.9 - 40.4	38.9 - 41.4	105.88	Dry	Dry	Dry
	11/18/2015	49.9	39.9 - 40.4	38.9 - 41.4	105.88	Dry	Dry	Dry
	12/30/2015	49.9	39.9 - 40.4	38.9 - 41.4	105.88	Dry	Dry	Dry
	1/27/2016	49.9	39.9 - 40.4	38.9 - 41.4	105.88	Dry	Dry	Dry
	3/23/2016	49.9	39.9 - 40.4	38.9 - 41.4	105.88	Dry	Dry	Dry
	6/22/2016	49.9	39.9 - 40.4	38.9 - 41.4	105.88	Dry	Dry	Dry
	8/31/2016	49.9	39.9 - 40.4	38.9 - 41.4	105.88	Dry	Dry	Dry
	12/27/2016	49.9	39.9 - 40.4	38.9 - 41.4	105.88	Dry	Dry	Dry
	3/29/2017	49.9	39.9 - 40.4	38.9 - 41.4	105.88	Dry	Dry	Dry
	6/28/2017	49.9	39.9 - 40.4	38.9 - 41.4	105.88	Dry	Dry	Dry
	9/27/2017	49.9	39.9 - 40.4	38.9 - 41.4	105.88	Dry	Dry	Dry
	12/27/2017	49.9	39.9 - 40.4	38.9 - 41.4	105.88	Dry	Dry	Dry
VP-15F	11/18/2011	49.9	46.9 - 47.4	43.4 - 48.4	105.88	47.30	0.10	58.58
	4/10/2012	49.9	46.9 - 47.4	43.4 - 48.4	105.88	Dry	Dry	Dry
	5/11/2012	49.9	46.9 - 47.4	43.4 - 48.4	105.88	47.05	0.35	58.83
	5/16/2012	49.9	46.9 - 47.4	43.4 - 48.4	105.88	47.35	0.05	58.53
	5/31/2012	49.9	46.9 - 47.4	43.4 - 48.4	105.88	Dry	Dry	Dry
	6/6/2012	49.9	46.9 - 47.4	43.4 - 48.4	105.88	47.15	0.25	58.73
	6/13/2012	49.9	46.9 - 47.4	43.4 - 48.4	105.88	46.50	0.90	59.38
	6/20/2012	49.9	46.9 - 47.4	43.4 - 48.4	105.88	46.27	1.13	59.61
	6/26/2012	49.9	46.9 - 47.4	43.4 - 48.4	105.88	Dry	Dry	Dry
	7/3/2012	49.9	46.9 - 47.4	43.4 - 48.4	105.88	Dry	Dry	Dry
	1/25/2013	49.9	46.9 - 47.4	43.4 - 48.4	105.88	NM	NM	NM
	2/22/2013	49.9	46.9 - 47.4	43.4 - 48.4	105.88	43.68	3.72	62.20
	3/22/2013	49.9	46.9 - 47.4	43.4 - 48.4	105.88	43.64	3.76	62.24
	4/23/2013	49.9	46.9 - 47.4	43.4 - 48.4	105.88	43.65	3.75	61.98
	5/31/2013	49.9	46.9 - 47.4	43.4 - 48.4	105.88	43.69	3.71	61.94
	6/28/2013	49.9	46.9 - 47.4	43.4 - 48.4	105.88	43.7	3.7	61.93
	7/30/2013	49.9	46.9 - 47.4	43.4 - 48.4	105.88	43.74	3.66	61.89
	8/30/2013	49.9	46.9 - 47.4	43.4 - 48.4	105.88	43.79	3.61	61.84
	9/27/2013	49.9	46.9 - 47.4	43.4 - 48.4	105.88	43.89	3.51	61.74
	10/29/2013	49.9	46.9 - 47.4	43.4 - 48.4	105.88	43.93	3.47	61.70
	11/26/2013	49.9	46.9 - 47.4	43.4 - 48.4	105.88	44.00	3.40	61.63
	12/23/2013	49.9	46.9 - 47.4	43.4 - 48.4	105.88	44.06	3.34	61.57
	1/31/2014	49.9	46.9 - 47.4	43.4 - 48.4	105.88	45.15	2.25	60.48
	2/28/2014	49.9	46.9 - 47.4	43.4 - 48.4	105.88	46.29	1.11	59.34
	3/28/2014	49.9	46.9 - 47.4	43.4 - 48.4	105.88	47.45	Dry	Dry
	4/29/2014	49.9	46.9 - 47.4	43.4 - 48.4	105.88	47.45	Dry	Dry
	5/27/2014	49.9	46.9 - 47.4	43.4 - 48.4	105.88	47.45	Dry	Dry
	6/24/2014	49.9	46.9 - 47.4	43.4 - 48.4	105.88	47.45	Dry	Dry
	7/30/2014	49.9	46.9 - 47.4	43.4 - 48.4	105.88	47.8	Dry	Dry
	8/27/2014	49.9	46.9 - 47.4	43.4 - 48.4	105.88	47.8	Dry	Dry
	9/24/2014	49.9	46.9 - 47.4	43.4 - 48.4	105.88	47.8	Dry	Dry
	10/30/2014	49.9	46.9 - 47.4	43.4 - 48.4	105.88	47.8	Dry	Dry
	11/24/2014	49.9	46.9 - 47.4	43.4 - 48.4	105.88	47.8	Dry	Dry
	12/9/2014	49.9	46.9 - 47.4	43.4 - 48.4	105.88	47.8	Dry	Dry
	1/20/2015	49.9	46.9 - 47.4	43.4 - 48.4	105.88	47.8	Dry	Dry
	2/17/2015	49.9	46.9 - 47.4	43.4 - 48.4	105.88	47.8	Dry	Dry
	3/26/2015	49.9	46.9 - 47.4	43.4 - 48.4	105.88	47.8	Dry	Dry
	4/14/2015	49.9	46.9 - 47.4	43.4 - 48.4	105.88	47.8	Dry	Dry
	5/27/2015	49.9	46.9 - 47.4	43.4 - 48.4	105.88	47.8	Dry	Dry
	6/18/2015	49.9	46.9 - 47.4	43.4 - 48.4	105.88	47.8	Dry	Dry
	7/30/2015	49.9	46.9 - 47.4	43.4 - 48.4	105.88	47.8	Dry	Dry
	8/26/2015	49.9	46.9 - 47.4	43.4 - 48.4	105.88	47.8	Dry	Dry
	9/29/2015	49.9	46.9 - 47.4	43.4 - 48.4	105.88	47.8	Dry	Dry
	10/28/2015	49.9	46.9 - 47.4	43.4 - 48.4	105.88	47.8	Dry	Dry
	11/18/2015	49.9	46.9 - 47.4	43.4 - 48.4	105.88	47.8	Dry	Dry
	12/30/2015	49.9	46.9 - 47.4	43.4 - 48.4	105.88	47.8	Dry	Dry

TABLE X
PERCHED GROUNDWATER LEVEL MEASUREMENTS
COOPER DRUM COMPANY SUPERFUND SITE
SOUTH GATE, CALIFORNIA

Well ID	Date Measured	Total Depth (ft bTOC)	Screened Interval (ft bTOC)	Filter Pack Sand Interval (ft bTOC)	TOC Elevation (NAVD88)	Depth to Water (ft bTOC)	Water Column (feet)	Perched Groundwater Elevation (NAVD88)
VP-15F	1/27/2016	49.9	46.9 - 47.4	43.4 - 48.4	105.88	47.8	Dry	Dry
	3/23/2016	49.9	46.9 - 47.4	43.4 - 48.4	105.88	47.8	Dry	Dry
	6/22/2016	49.9	46.9 - 47.4	43.4 - 48.4	105.88	47.8	Dry	Dry
	8/31/2016	49.9	46.9 - 47.4	43.4 - 48.4	105.88	47.8	Dry	Dry
	12/27/2016	49.9	46.9 - 47.4	43.4 - 48.4	105.88	47.8	Dry	Dry
	3/29/2017	49.9	46.9 - 47.4	43.4 - 48.4	105.88	47.8	Dry	Dry
	6/28/2017	49.9	46.9 - 47.4	43.4 - 48.4	105.88	47.8	Dry	Dry
	9/27/2017	49.9	46.9 - 47.4	43.4 - 48.4	105.88	47.8	Dry	Dry
	12/27/2017	49.9	46.9 - 47.4	43.4 - 48.4	105.88	47.8	Dry	Dry
VP-15G	11/18/2011	49.9	47.9 - 48.4	43.4 - 48.4	105.88	47.29	1.11	58.59
	4/10/2012	49.9	47.9 - 48.4	43.4 - 48.4	105.88	47.50	0.90	58.38
	5/16/2012	49.9	47.9 - 48.4	43.4 - 48.4	105.88	47.35	1.05	58.53
	5/31/2012	49.9	47.9 - 48.4	43.4 - 48.4	105.88	47.64	0.76	58.24
	6/6/2012	49.9	47.9 - 48.4	43.4 - 48.4	105.88	47.1	1.3	58.78
	6/13/2012	49.9	47.9 - 48.4	43.4 - 48.4	105.88	46.85	1.55	59.03
	6/20/2012	49.9	47.9 - 48.4	43.4 - 48.4	105.88	46.28	2.12	59.60
	6/26/2012	49.9	47.9 - 48.4	43.4 - 48.4	105.88	47.65	0.75	58.23
	7/3/2012	49.9	47.9 - 48.4	43.4 - 48.4	105.88	(47.90)	NA	NA
	1/25/2013	49.9	47.9 - 48.4	43.4 - 48.4	105.88	NM	NM	NM
	2/22/2013	49.9	47.9 - 48.4	43.4 - 48.4	105.88	43.56	4.84	62.32
	3/22/2013	49.9	47.9 - 48.4	43.4 - 48.4	105.88	43.49	4.91	62.39
	4/23/2013	49.9	47.9 - 48.4	43.4 - 48.4	105.88	43.55	4.85	62.08
	5/31/2013	49.9	47.9 - 48.4	43.4 - 48.4	105.88	43.61	4.79	62.02
	6/28/2013	49.9	47.9 - 48.4	43.4 - 48.4	105.88	43.60	4.80	62.03
	7/30/2013	49.9	47.9 - 48.4	43.4 - 48.4	105.88	43.60	4.80	61.99
	8/30/2013	49.9	47.9 - 48.4	43.4 - 48.4	105.88	43.60	4.80	61.91
	9/27/2013	49.9	47.9 - 48.4	43.4 - 48.4	105.88	43.60	4.80	61.84
	10/29/2013	49.9	47.9 - 48.4	43.4 - 48.4	105.88	43.60	4.80	61.75
	11/26/2013	49.9	47.9 - 48.4	43.4 - 48.4	105.88	43.60	4.80	61.63
	12/23/2013	49.9	47.9 - 48.4	43.4 - 48.4	105.88	43.60	4.80	61.57
	1/31/2014	49.9	47.9 - 48.4	43.4 - 48.4	105.88	45.15	3.25	60.48
	2/28/2014	49.9	47.9 - 48.4	43.4 - 48.4	105.88	46.29	2.11	59.34
	3/28/2014	49.9	47.9 - 48.4	43.4 - 48.4	105.88	47.45	0.95	58.18
	4/29/2014	49.9	47.9 - 48.4	43.4 - 48.4	105.88	47.48	0.92	58.15
	5/27/2014	49.9	47.9 - 48.4	43.4 - 48.4	105.88	47.47	0.93	58.16
	6/24/2014	49.9	47.9 - 48.4	43.4 - 48.4	105.88	47.50	0.90	58.13
	7/30/2014	49.9	47.9 - 48.4	43.4 - 48.4	105.88	47.60	0.80	58.03
	8/27/2014	49.9	47.9 - 48.4	43.4 - 48.4	105.88	47.72	0.68	57.91
	9/24/2014	49.9	47.9 - 48.4	43.4 - 48.4	105.88	47.80	0.60	57.83
	10/30/2014	49.9	47.9 - 48.4	43.4 - 48.4	105.88	48.00	0.40	57.63
	11/24/2014	49.9	47.9 - 48.4	43.4 - 48.4	105.88	48.20	0.20	57.43
	12/9/2014	49.9	47.9 - 48.4	43.4 - 48.4	105.88	48.40	Dry	Dry
	1/20/2015	49.9	47.9 - 48.4	43.4 - 48.4	105.88	48.40	Dry	Dry
	2/17/2015	49.9	47.9 - 48.4	43.4 - 48.4	105.88	48.40	Dry	Dry
	3/26/2015	49.9	47.9 - 48.4	43.4 - 48.4	105.88	48.40	Dry	Dry
	4/14/2015	49.9	47.9 - 48.4	43.4 - 48.4	105.88	48.40	Dry	Dry
	5/27/2015	49.9	47.9 - 48.4	43.4 - 48.4	105.88	48.40	Dry	Dry
	6/18/2015	49.9	47.9 - 48.4	43.4 - 48.4	105.88	48.40	Dry	Dry
	7/30/2015	49.9	47.9 - 48.4	43.4 - 48.4	105.88	48.40	Dry	Dry
	8/26/2015	49.9	47.9 - 48.4	43.4 - 48.4	105.88	48.40	Dry	Dry
	9/29/2015	49.9	47.9 - 48.4	43.4 - 48.4	105.88	48.40	Dry	Dry
	10/28/2015	49.9	47.9 - 48.4	43.4 - 48.4	105.88	48.40	Dry	Dry
	11/18/2015	49.9	47.9 - 48.4	43.4 - 48.4	105.88	48.40	Dry	Dry
	12/30/2015	49.9	47.9 - 48.4	43.4 - 48.4	105.88	48.40	Dry	Dry
	1/27/2016	49.9	47.9 - 48.4	43.4 - 48.4	105.88	48.4	Dry	Dry
	3/23/2016	49.9	47.9 - 48.4	43.4 - 48.4	105.88	48.4	Dry	Dry
	6/22/2016	49.9	47.9 - 48.4	43.4 - 48.4	105.88	48.4	Dry	Dry
	8/31/2016	49.9	47.9 - 48.4	43.4 - 48.4	105.88	48.4	Dry	Dry
	12/27/2016	49.9	47.9 - 48.4	43.4 - 48.4	105.88	48.4	Dry	Dry
	3/29/2017	49.9	47.9 - 48.4	43.4 - 48.4	105.88	48.4	Dry	Dry
	6/28/2017	49.9	47.9 - 48.4	43.4 - 48.4	105.88	48.4	Dry	Dry
	9/27/2017	49.9	47.9 - 48.4	43.4 - 48.4	105.88	48.4	Dry	Dry
	12/27/2017	49.9	47.9 - 48.4	43.4 - 48.4	105.88	48.4	Dry	Dry
DPE-1	4/10/2012	46.9	10.9 - 45.9	10.9 - 45.9	109.96	42.11	3.79	67.85
	5/16/2012	46.9	10.9 - 45.9	10.9 - 45.9	109.96	41.25	4.65	68.71
	5/22/2012	46.9	10.9 - 45.9	10.9 - 45.9	109.96	42.25	3.65	67.71
	5/31/2012	46.9	10.9 - 45.9	10.9 - 45.9	109.96	(44.00)	NA	NA
	6/6/2012	46.9	10.9 - 45.9	10.9 - 45.9	109.96	40.68	5.22	69.28
	6/13/2012	46.9	10.9 - 45.9	10.9 - 45.9	109.96	40.8	5.1	69.16
	6/20/2012	46.9	10.9 - 45.9	10.9 - 45.9	109.96	40.3	5.60	69.66
	6/26/2012	46.9	10.9 - 45.9	10.9 - 45.9	109.96	(44.00)	NA	NA
	7/3/2012	46.9	10.9 - 45.9	10.9 - 45.9	109.96	44.95	0.95	65.01
	1/25/2013	46.9	10.9 - 45.9	10.9 - 45.9	109.96	42.22	3.68	67.74
	2/22/2013	46.9	10.9 - 45.9	10.9 - 45.9	109.96	43.04	2.86	66.92

TABLE X
PERCHED GROUNDWATER LEVEL MEASUREMENTS
COOPER DRUM COMPANY SUPERFUND SITE
SOUTH GATE, CALIFORNIA

Well ID	Date Measured	Total Depth (ft bTOC)	Screened Interval (ft bTOC)	Filter Pack Sand Interval (ft bTOC)	TOC Elevation (NAVD88)	Depth to Water (ft bTOC)	Water Column (feet)	Perched Groundwater Elevation (NAVD88)
DPE-1	3/22/2013	46.9	10.9 - 45.9	10.9 - 45.9	109.96	44.03	1.87	65.93
	4/23/2013	46.9	10.9 - 45.9	10.9 - 45.9	109.96	44.05	1.85	61.58
	5/31/2013	46.9	10.9 - 45.9	10.9 - 45.9	109.96	44.16	1.74	61.47
	6/28/2013	46.9	10.9 - 45.9	10.9 - 45.9	109.96	44.18	1.72	61.45
	7/30/2013	46.9	10.9 - 45.9	10.9 - 45.9	109.96	44.26	1.64	61.37
	8/30/2013	46.9	10.9 - 45.9	10.9 - 45.9	109.96	44.36	1.54	61.27
	9/27/2013	46.9	10.9 - 45.9	10.9 - 45.9	109.96	44.49	1.41	61.14
	10/29/2013	46.9	10.9 - 45.9	10.9 - 45.9	109.96	44.53	1.37	61.10
	11/26/2013	46.9	10.9 - 45.9	10.9 - 45.9	109.96	44.62	1.28	61.01
	12/23/2013	46.9	10.9 - 45.9	10.9 - 45.9	109.96	44.72	1.18	60.91
	1/31/2014	46.9	10.9 - 45.9	10.9 - 45.9	109.96	44.69	1.21	60.94
	2/28/2014	46.9	10.9 - 45.9	10.9 - 45.9	109.96	44.61	1.29	61.02
	3/28/2014	46.9	10.9 - 45.9	10.9 - 45.9	109.96	44.55	Dry	Dry
	4/29/2014	46.9	10.9 - 45.9	10.9 - 45.9	109.96	44.55	Dry	Dry
	5/27/2014	46.9	10.9 - 45.9	10.9 - 45.9	109.96	44.55	Dry	Dry
	6/24/2014	46.9	10.9 - 45.9	10.9 - 45.9	109.96	44.55	Dry	Dry
	7/30/2014	46.9	10.9 - 45.9	10.9 - 45.9	109.96	44.55	Dry	Dry
	8/27/2014	46.9	10.9 - 45.9	10.9 - 45.9	109.96	44.55	Dry	Dry
	9/24/2014	46.9	10.9 - 45.9	10.9 - 45.9	109.96	44.55	Dry	Dry
	10/30/2014	46.9	10.9 - 45.9	10.9 - 45.9	109.96	44.55	Dry	Dry
	11/24/2014	46.9	10.9 - 45.9	10.9 - 45.9	109.96	44.55	Dry	Dry
	12/9/2014	46.9	10.9 - 45.9	10.9 - 45.9	109.96	44.55	Dry	Dry
	1/20/2015	46.9	10.9 - 45.9	10.9 - 45.9	109.96	44.55	Dry	Dry
	2/17/2015	46.9	10.9 - 45.9	10.9 - 45.9	109.96	44.55	Dry	Dry
	3/26/2015	46.9	10.9 - 45.9	10.9 - 45.9	109.96	44.55	Dry	Dry
	4/14/2015	46.9	10.9 - 45.9	10.9 - 45.9	109.96	44.55	Dry	Dry
	5/27/2015	46.9	10.9 - 45.9	10.9 - 45.9	109.96	44.55	Dry	Dry
	6/18/2015	46.9	10.9 - 45.9	10.9 - 45.9	109.96	46.9	Dry	Dry
	7/30/2015	46.9	10.9 - 45.9	10.9 - 45.9	109.96	44.55	Dry	Dry
	8/26/2015	46.9	10.9 - 45.9	10.9 - 45.9	109.96	44.55	Dry	Dry
	9/29/2015	46.9	10.9 - 45.9	10.9 - 45.9	109.96	44.55	Dry	Dry
	10/28/2015	46.9	10.9 - 45.9	10.9 - 45.9	109.96	44.55	Dry	Dry
	11/18/2015	46.9	10.9 - 45.9	10.9 - 45.9	109.96	44.55	Dry	Dry
	12/30/2015	46.9	10.9 - 45.9	10.9 - 45.9	109.96	44.55	Dry	Dry
	1/27/2016	46.9	10.9 - 45.9	10.9 - 45.9	109.96	44.55	Dry	Dry
	3/23/2016	46.9	10.9 - 45.9	10.9 - 45.9	109.96	44.55	Dry	Dry
	6/22/2016	46.9	10.9 - 45.9	10.9 - 45.9	109.96	46.9	Dry	Dry
	8/31/2016	46.9	10.9 - 45.9	10.9 - 45.9	109.96	46.9	Dry	Dry
	12/27/2016	46.9	10.9 - 45.9	10.9 - 45.9	109.96	46.9	Dry	Dry
	3/29/2017	46.9	10.9 - 45.9	10.9 - 45.9	109.96	46.9	Dry	Dry
	6/28/2017	46.9	10.9 - 45.9	10.9 - 45.9	109.96	46.9	Dry	Dry
	9/27/2017	46.9	10.9 - 45.9	10.9 - 45.9	109.96	46.9	Dry	Dry
	12/27/2017	46.9	10.9 - 45.9	10.9 - 45.9	109.96	46.9	Dry	Dry
DPE-2	4/10/2012	52.6	35.6 - 50.1	35.6 - 50.1	108.70	44.50	5.60	64.20
	5/16/2012	52.6	35.6 - 50.1	35.6 - 50.1	108.70	44.02	6.08	64.68
	5/22/2012	52.6	35.6 - 50.1	35.6 - 50.1	108.70	45.25	4.85	63.45
	5/31/2012	52.6	35.6 - 50.1	35.6 - 50.1	108.70	43.89	6.21	64.81
	6/6/2012	52.6	35.6 - 50.1	35.6 - 50.1	108.70	40.00	10.10	68.70
	6/13/2012	52.6	35.6 - 50.1	35.6 - 50.1	108.70	39.54	10.56	69.16
	6/20/2012	52.6	35.6 - 50.1	35.6 - 50.1	108.70	39.52	10.58	69.18
	6/26/2012	52.6	35.6 - 50.1	35.6 - 50.1	108.70	Dry	Dry	Dry
	7/3/2012	52.6	35.6 - 50.1	35.6 - 50.1	108.70	Dry	Dry	Dry
	1/25/2013	52.6	35.6 - 50.1	35.6 - 50.1	108.70	46.47	3.63	62.23
	2/22/2013	52.6	35.6 - 50.1	35.6 - 50.1	108.70	48.00	2.10	60.70
	3/22/2013	52.6	35.6 - 50.1	35.6 - 50.1	108.70	Dry	Dry	Dry
	4/23/2013	52.6	35.6 - 50.1	35.6 - 50.1	108.70	Dry	Dry	Dry
	5/31/2013	52.6	35.6 - 50.1	35.6 - 50.1	108.70	Dry	Dry	Dry
	6/28/2013	52.6	35.6 - 50.1	35.6 - 50.1	108.70	Dry	Dry	Dry
	7/30/2013	52.6	35.6 - 50.1	35.6 - 50.1	108.70	Dry	Dry	Dry
	8/30/2013	52.6	35.6 - 50.1	35.6 - 50.1	108.70	Dry	Dry	Dry
	9/27/2013	52.6	35.6 - 50.1	35.6 - 50.1	108.70	Dry	Dry	Dry
	10/29/2013	52.6	35.6 - 50.1	35.6 - 50.1	108.70	Dry	Dry	Dry
	11/26/2013	52.6	35.6 - 50.1	35.6 - 50.1	108.70	Dry	Dry	Dry
	12/23/2013	52.6	35.6 - 50.1	35.6 - 50.1	108.70	Dry	Dry	Dry
	1/31/2014	52.6	35.6 - 50.1	35.6 - 50.1	108.70	Dry	Dry	Dry
	2/28/2014	52.6	35.6 - 50.1	35.6 - 50.1	108.70	Dry	Dry	Dry
	3/28/2014	52.6	35.6 - 50.1	35.6 - 50.1	108.70	Dry	Dry	Dry
	4/29/2014	52.6	35.6 - 50.1	35.6 - 50.1	108.70	Dry	Dry	Dry
	5/27/2014	52.6	35.6 - 50.1	35.6 - 50.1	108.70	Dry	Dry	Dry
	6/24/2014	52.6	35.6 - 50.1	35.6 - 50.1	108.70	Dry	Dry	Dry
	7/30/2014	52.6	35.6 - 50.1	35.6 - 50.1	108.70	Dry	Dry	Dry
	8/27/2014	52.6	35.6 - 50.1	35.6 - 50.1	108.70	Dry	Dry	Dry
	9/24/2014	52.6	35.6 - 50.1	35.6 - 50.1	108.70	Dry	Dry	Dry
	10/30/2014	52.6	35.6 - 50.1	35.6 - 50.1	108.70	Dry	Dry	Dry

TABLE X
PERCHED GROUNDWATER LEVEL MEASUREMENTS
COOPER DRUM COMPANY SUPERFUND SITE
SOUTH GATE, CALIFORNIA

Well ID	Date Measured	Total Depth (ft bTOC)	Screened Interval (ft bTOC)	Filter Pack Sand Interval (ft bTOC)	TOC Elevation (NAVD88)	Depth to Water (ft bTOC)	Water Column (feet)	Perched Groundwater Elevation (NAVD88)
DPE-2	11/24/2014	52.6	35.6 - 50.1	35.6 - 50.1	108.70	Dry	Dry	Dry
	12/9/2014	52.6	35.6 - 50.1	35.6 - 50.1	108.70	Dry	Dry	Dry
	1/20/2015	52.6	35.6 - 50.1	35.6 - 50.1	108.70	Dry	Dry	Dry
	2/17/2015	52.6	35.6 - 50.1	35.6 - 50.1	108.70	Dry	Dry	Dry
	3/26/2015	52.6	35.6 - 50.1	35.6 - 50.1	108.70	Dry	Dry	Dry
	4/14/2015	52.6	35.6 - 50.1	35.6 - 50.1	108.70	Dry	Dry	Dry
	5/27/2015	52.6	35.6 - 50.1	35.6 - 50.1	108.70	Dry	Dry	Dry
	6/18/2015	52.6	35.6 - 50.1	35.6 - 50.1	108.70	Dry	Dry	Dry
	7/30/2015	52.6	35.6 - 50.1	35.6 - 50.1	108.70	Dry	Dry	Dry
	8/26/2015	52.6	35.6 - 50.1	35.6 - 50.1	108.70	Dry	Dry	Dry
	9/29/2015	52.6	35.6 - 50.1	35.6 - 50.1	108.70	Dry	Dry	Dry
	10/28/2015	52.6	35.6 - 50.1	35.6 - 50.1	108.70	Dry	Dry	Dry
	11/18/2015	52.6	35.6 - 50.1	35.6 - 50.1	108.70	Dry	Dry	Dry
	12/30/2015	52.6	35.6 - 50.1	35.6 - 50.1	108.70	Dry	Dry	Dry
	1/27/2016	52.6	35.6 - 50.1	35.6 - 50.1	108.70	Dry	Dry	Dry
	3/23/2016	52.6	35.6 - 50.1	35.6 - 50.1	108.70	Dry	Dry	Dry
	6/22/2016	52.6	35.6 - 50.1	35.6 - 50.1	108.70	Dry	Dry	Dry
	8/31/2016	52.6	35.6 - 50.1	35.6 - 50.1	108.70	Dry	Dry	Dry
	12/27/2016	52.6	35.6 - 50.1	35.6 - 50.1	108.70	Dry	Dry	Dry
	3/29/2017	52.6	35.6 - 50.1	35.6 - 50.1	108.70	Dry	Dry	Dry
	6/28/2017	52.6	35.6 - 50.1	35.6 - 50.1	108.70	Dry	Dry	Dry
	9/27/2017	52.6	35.6 - 50.1	35.6 - 50.1	108.70	Dry	Dry	Dry
	12/27/2017	52.6	35.6 - 50.1	35.6 - 50.1	108.70	Dry	Dry	Dry
DPE-3	4/10/2012	52.9	35.8 - 50.3	35.8 - 50.3	109.08	45.74	4.56	63.34
	5/11/2012	52.9	35.8 - 50.3	35.8 - 50.3	109.08	44.9	5.4	64.18
	5/16/2012	52.9	35.8 - 50.3	35.8 - 50.3	109.08	45.27	5.03	63.81
	5/22/2012	52.9	35.8 - 50.3	35.8 - 50.3	109.08	46.52	3.78	62.56
	5/31/2012	52.9	35.8 - 50.3	35.8 - 50.3	109.08	45.09	5.21	63.99
	6/6/2012	52.9	35.8 - 50.3	35.8 - 50.3	109.08	40.15	10.15	68.93
	6/13/2012	52.9	35.8 - 50.3	35.8 - 50.3	109.08	40.17	10.13	68.91
	6/20/2012	52.9	35.8 - 50.3	35.8 - 50.3	109.08	40.08	10.22	69.00
	6/26/2012	52.9	35.8 - 50.3	35.8 - 50.3	109.08	41.35	8.95	67.73
	7/3/2012	52.9	35.8 - 50.3	35.8 - 50.3	109.08	45.32	4.98	63.76
	1/25/2013	52.9	35.8 - 50.3	35.8 - 50.3	109.08	46.62	3.68	62.46
	2/22/2013	52.9	35.8 - 50.3	35.8 - 50.3	109.08	45.56	4.74	63.52
	3/22/2013	52.9	35.8 - 50.3	35.8 - 50.3	109.08	40.66	9.64	68.42
	4/23/2013	52.9	35.8 - 50.3	35.8 - 50.3	109.08	40.75	9.55	64.88
	5/31/2013	52.9	35.8 - 50.3	35.8 - 50.3	109.08	40.81	9.49	64.82
	6/28/2013	52.9	35.8 - 50.3	35.8 - 50.3	109.08	40.8	9.5	64.83
	7/30/2013	52.9	35.8 - 50.3	35.8 - 50.3	109.08	41.63	8.67	64.00
	8/30/2013	52.9	35.8 - 50.3	35.8 - 50.3	109.08	42.4	7.9	63.23
	9/27/2013	52.9	35.8 - 50.3	35.8 - 50.3	109.08	44.44	5.86	61.19
	10/29/2013	52.9	35.8 - 50.3	35.8 - 50.3	109.08	46.88	3.42	58.75
	11/26/2013	52.9	35.8 - 50.3	35.8 - 50.3	109.08	47.16	3.14	58.47
	12/23/2013	52.9	35.8 - 50.3	35.8 - 50.3	109.08	47.73	2.57	57.90
	1/31/2014	52.9	35.8 - 50.3	35.8 - 50.3	109.08	48.61	1.69	57.02
	2/28/2014	52.9	35.8 - 50.3	35.8 - 50.3	109.08	49.19	1.11	56.44
	3/28/2014	52.9	35.8 - 50.3	35.8 - 50.3	109.08	50.37	Dry	Dry
	4/29/2014	52.9	35.8 - 50.3	35.8 - 50.3	109.08	50.37	Dry	Dry
	5/27/2014	52.9	35.8 - 50.3	35.8 - 50.3	109.08	50.37	Dry	Dry
	6/24/2014	52.9	35.8 - 50.3	35.8 - 50.3	109.08	50.37	Dry	Dry
	7/30/2014	52.9	35.8 - 50.3	35.8 - 50.3	109.08	50.37	Dry	Dry
	8/27/2014	52.9	35.8 - 50.3	35.8 - 50.3	109.08	50.37	Dry	Dry
	9/24/2014	52.9	35.8 - 50.3	35.8 - 50.3	109.08	47.29	Dry	Dry
	10/30/2014	52.9	35.8 - 50.3	35.8 - 50.3	109.08	47.29	Dry	Dry
	11/24/2014	52.9	35.8 - 50.3	35.8 - 50.3	109.08	47.29	Dry	Dry
	12/9/2014	52.9	35.8 - 50.3	35.8 - 50.3	109.08	47.29	Dry	Dry
	1/20/2015	52.9	35.8 - 50.3	35.8 - 50.3	109.08	47.29	Dry	Dry
	2/17/2015	52.9	35.8 - 50.3	35.8 - 50.3	109.08	47.29	Dry	Dry
	3/26/2015	52.9	35.8 - 50.3	35.8 - 50.3	109.08	47.29	Dry	Dry
	4/14/2015	52.9	35.8 - 50.3	35.8 - 50.3	109.08	47.29	Dry	Dry
	5/27/2015	52.9	35.8 - 50.3	35.8 - 50.3	109.08	47.29	Dry	Dry
	6/18/2015	52.9	35.8 - 50.3	35.8 - 50.3	109.08	52.90	Dry	Dry
	7/30/2015	52.9	35.8 - 50.3	35.8 - 50.3	109.08	47.29	Dry	Dry
	8/26/2015	52.9	35.8 - 50.3	35.8 - 50.3	109.08	47.29	Dry	Dry
	9/29/2015	52.9	35.8 - 50.3	35.8 - 50.3	109.08	47.29	Dry	Dry
	10/28/2015	52.9	35.8 - 50.3	35.8 - 50.3	109.08	47.29	Dry	Dry
	11/18/2015	52.9	35.8 - 50.3	35.8 - 50.3	109.08	47.29	Dry	Dry
	12/30/2015	52.9	35.8 - 50.3	35.8 - 50.3	109.08	47.29	Dry	Dry
	1/27/2016	52.9	35.8 - 50.3	35.8 - 50.3	109.08	47.29	Dry	Dry
	3/23/2016	52.9	35.8 - 50.3	35.8 - 50.3	109.08	47.29	Dry	Dry
	6/22/2016	52.9	35.8 - 50.3	35.8 - 50.3	109.08	52.90	Dry	Dry
	8/31/2016	52.9	35.8 - 50.3	35.8 - 50.3	109.08	52.9	Dry	Dry
	12/27/2016	52.9	35.8 - 50.3	35.8 - 50.3	109.08	52.9	Dry	Dry

TABLE X
PERCHED GROUNDWATER LEVEL MEASUREMENTS
COOPER DRUM COMPANY SUPERFUND SITE
SOUTH GATE, CALIFORNIA

Well ID	Date Measured	Total Depth (ft bTOC)	Screened Interval (ft bTOC)	Filter Pack Sand Interval (ft bTOC)	TOC Elevation (NAVD88)	Depth to Water (ft bTOC)	Water Column (feet)	Perched Groundwater Elevation (NAVD88)
DPE-3	3/29/2017	52.9	35.8 - 50.3	35.8 - 50.3	109.08	52.9	Dry	Dry
	6/28/2017	52.9	35.8 - 50.3	35.8 - 50.3	109.08	52.9	Dry	Dry
	9/27/2017	52.9	35.8 - 50.3	35.8 - 50.3	109.08	52.9	Dry	Dry
	12/27/2017	52.9	35.8 - 50.3	35.8 - 50.3	109.08	52.9	Dry	Dry
DPE-4	4/10/2012	52.5	35.6 - 49.9	35.6 - 49.9	108.99	48.75	1.15	60.24
	5/11/2012	52.5	35.6 - 49.9	35.6 - 49.9	108.99	47.6	2.3	61.39
	5/16/2012	52.5	35.6 - 49.9	35.6 - 49.9	108.99	48.28	1.62	60.71
	5/22/2012	52.5	35.6 - 49.9	35.6 - 49.9	108.99	48.8	1.1	60.19
	5/31/2012	52.5	35.6 - 49.9	35.6 - 49.9	108.99	47.9	2	61.09
	6/6/2012	52.5	35.6 - 49.9	35.6 - 49.9	108.99	40.8	9.1	68.19
	6/13/2012	52.5	35.6 - 49.9	35.6 - 49.9	108.99	40.9	9	68.09
	6/20/2012	52.5	35.6 - 49.9	35.6 - 49.9	108.99	40.65	9.25	68.34
	6/26/2012	52.5	35.6 - 49.9	35.6 - 49.9	108.99	Dry	Dry	Dry
	7/3/2012	52.5	35.6 - 49.9	35.6 - 49.9	108.99	Dry	Dry	Dry
	1/25/2013	52.5	35.6 - 49.9	35.6 - 49.9	108.99	40.1	9.8	68.89
	2/22/2013	52.5	35.6 - 49.9	35.6 - 49.9	108.99	48.19	1.71	60.80
	3/22/2013	52.5	35.6 - 49.9	35.6 - 49.9	108.99	Dry	Dry	Dry
	4/23/2013	52.5	35.6 - 49.9	35.6 - 49.9	108.99	Dry	Dry	Dry
	5/31/2013	52.5	35.6 - 49.9	35.6 - 49.9	108.99	Dry	Dry	Dry
	6/28/2013	52.5	35.6 - 49.9	35.6 - 49.9	108.99	Dry	Dry	Dry
	7/30/2013	52.5	35.6 - 49.9	35.6 - 49.9	108.99	Dry	Dry	Dry
	8/30/2013	52.5	35.6 - 49.9	35.6 - 49.9	108.99	Dry	Dry	Dry
	9/27/2013	52.5	35.6 - 49.9	35.6 - 49.9	108.99	Dry	Dry	Dry
	10/29/2013	52.5	35.6 - 49.9	35.6 - 49.9	108.99	Dry	Dry	Dry
	11/26/2013	52.5	35.6 - 49.9	35.6 - 49.9	108.99	Dry	Dry	Dry
	12/23/2013	52.5	35.6 - 49.9	35.6 - 49.9	108.99	Dry	Dry	Dry
	1/31/2014	52.5	35.6 - 49.9	35.6 - 49.9	108.99	Dry	Dry	Dry
	2/28/2014	52.5	35.6 - 49.9	35.6 - 49.9	108.99	Dry	Dry	Dry
	3/28/2014	52.5	35.6 - 49.9	35.6 - 49.9	108.99	Dry	Dry	Dry
	4/29/2014	52.5	35.6 - 49.9	35.6 - 49.9	108.99	Dry	Dry	Dry
	5/27/2014	52.5	35.6 - 49.9	35.6 - 49.9	108.99	Dry	Dry	Dry
	6/24/2014	52.5	35.6 - 49.9	35.6 - 49.9	108.99	Dry	Dry	Dry
	7/30/2014	52.5	35.6 - 49.9	35.6 - 49.9	108.99	Dry	Dry	Dry
	8/27/2014	52.5	35.6 - 49.9	35.6 - 49.9	108.99	Dry	Dry	Dry
	9/24/2014	52.5	35.6 - 49.9	35.6 - 49.9	108.99	Dry	Dry	Dry
	10/30/2014	52.5	35.6 - 49.9	35.6 - 49.9	108.99	Dry	Dry	Dry
	11/24/2014	52.5	35.6 - 49.9	35.6 - 49.9	108.99	Dry	Dry	Dry
	12/9/2014	52.5	35.6 - 49.9	35.6 - 49.9	108.99	Dry	Dry	Dry
	1/20/2015	52.5	35.6 - 49.9	35.6 - 49.9	108.99	Dry	Dry	Dry
	2/17/2015	52.5	35.6 - 49.9	35.6 - 49.9	108.99	Dry	Dry	Dry
	3/26/2015	52.5	35.6 - 49.9	35.6 - 49.9	108.99	Dry	Dry	Dry
	4/14/2015	52.5	35.6 - 49.9	35.6 - 49.9	108.99	Dry	Dry	Dry
	5/27/2015	52.5	35.6 - 49.9	35.6 - 49.9	108.99	Dry	Dry	Dry
	6/18/2015	52.5	35.6 - 49.9	35.6 - 49.9	108.99	Dry	Dry	Dry
	7/30/2015	52.5	35.6 - 49.9	35.6 - 49.9	108.99	Dry	Dry	Dry
	8/26/2015	52.5	35.6 - 49.9	35.6 - 49.9	108.99	Dry	Dry	Dry
	9/29/2015	52.5	35.6 - 49.9	35.6 - 49.9	108.99	Dry	Dry	Dry
	10/28/2015	52.5	35.6 - 49.9	35.6 - 49.9	108.99	Dry	Dry	Dry
	11/18/2015	52.5	35.6 - 49.9	35.6 - 49.9	108.99	Dry	Dry	Dry
	12/30/2015	52.5	35.6 - 49.9	35.6 - 49.9	108.99	Dry	Dry	Dry
	1/27/2016	52.5	35.6 - 49.9	35.6 - 49.9	108.99	Dry	Dry	Dry
	3/23/2016	52.5	35.6 - 49.9	35.6 - 49.9	108.99	Dry	Dry	Dry
	6/22/2016	52.5	35.6 - 49.9	35.6 - 49.9	108.99	Dry	Dry	Dry
	8/31/2016	52.5	35.6 - 49.9	35.6 - 49.9	108.99	Dry	Dry	Dry
	12/27/2016	52.5	35.6 - 49.9	35.6 - 49.9	108.99	Dry	Dry	Dry
	3/29/2017	52.5	35.6 - 49.9	35.6 - 49.9	108.99	Dry	Dry	Dry
	6/28/2017	52.5	35.6 - 49.9	35.6 - 49.9	108.99	Dry	Dry	Dry
	9/27/2017	52.5	35.6 - 49.9	35.6 - 49.9	108.99	Dry	Dry	Dry
	12/27/2017	52.5	35.6 - 49.9	35.6 - 49.9	108.99	Dry	Dry	Dry
DPE-5	4/10/2012	52.4	35.4 - 49.9	35.4 - 49.9	109.11	47.93	1.97	61.18
	5/11/2012	52.4	35.4 - 49.9	35.4 - 49.9	109.11	47.65	2.25	61.46
	5/16/2012	52.4	35.4 - 49.9	35.4 - 49.9	109.11	47.82	2.08	61.29
	5/22/2012	52.4	35.4 - 49.9	35.4 - 49.9	109.11	48.37	1.53	60.74
	5/31/2012	52.4	35.4 - 49.9	35.4 - 49.9	109.11	48.27	1.63	60.84
	6/6/2012	52.4	35.4 - 49.9	35.4 - 49.9	109.11	41.72	8.18	67.39
	6/13/2012	52.4	35.4 - 49.9	35.4 - 49.9	109.11	43.19	6.71	65.92
	6/20/2012	52.4	35.4 - 49.9	35.4 - 49.9	109.11	42.49	7.41	66.62
	6/26/2012	52.4	35.4 - 49.9	35.4 - 49.9	109.11	Dry	Dry	Dry
	7/3/2012	52.4	35.4 - 49.9	35.4 - 49.9	109.11	Dry	Dry	Dry
	1/25/2013	52.4	35.4 - 49.9	35.4 - 49.9	109.11	39.91	9.99	69.20
	2/22/2013	52.4	35.4 - 49.9	35.4 - 49.9	109.11	46.63	3.27	62.48
	3/22/2013	52.4	35.4 - 49.9	35.4 - 49.9	109.11	49.60	0.30	59.51
	4/23/2013	52.4	35.4 - 49.9	35.4 - 49.9	109.11	49.59	0.31	56.04
	5/31/2013	52.4	35.4 - 49.9	35.4 - 49.9	109.11	49.62	0.28	56.01

TABLE X
PERCHED GROUNDWATER LEVEL MEASUREMENTS
COOPER DRUM COMPANY SUPERFUND SITE
SOUTH GATE, CALIFORNIA

Well ID	Date Measured	Total Depth (ft bTOC)	Screened Interval (ft bTOC)	Filter Pack Sand Interval (ft bTOC)	TOC Elevation (NAVD88)	Depth to Water (ft bTOC)	Water Column (feet)	Perched Groundwater Elevation (NAVD88)
DPE-5	6/28/2013	52.4	35.4 - 49.9	35.4 - 49.9	109.11	49.65	0.25	55.98
	7/30/2013	52.4	35.4 - 49.9	35.4 - 49.9	109.11	49.76	0.14	55.87
	8/30/2013	52.4	35.4 - 49.9	35.4 - 49.9	109.11	49.86	0.04	55.77
	9/27/2013	52.4	35.4 - 49.9	35.4 - 49.9	109.11	Dry	Dry	Dry
	10/29/2013	52.4	35.4 - 49.9	35.4 - 49.9	109.11	Dry	Dry	Dry
	11/26/2013	52.4	35.4 - 49.9	35.4 - 49.9	109.11	Dry	Dry	Dry
	12/23/2013	52.4	35.4 - 49.9	35.4 - 49.9	109.11	Dry	Dry	Dry
	1/31/2014	52.4	35.4 - 49.9	35.4 - 49.9	109.11	Dry	Dry	Dry
	2/28/2014	52.4	35.4 - 49.9	35.4 - 49.9	109.11	Dry	Dry	Dry
	3/28/2014	52.4	35.4 - 49.9	35.4 - 49.9	109.11	Dry	Dry	Dry
	4/29/2014	52.4	35.4 - 49.9	35.4 - 49.9	109.11	Dry	Dry	Dry
	5/27/2014	52.4	35.4 - 49.9	35.4 - 49.9	109.11	Dry	Dry	Dry
	6/24/2014	52.4	35.4 - 49.9	35.4 - 49.9	109.11	Dry	Dry	Dry
	7/30/2014	52.4	35.4 - 49.9	35.4 - 49.9	109.11	Dry	Dry	Dry
	8/27/2014	52.4	35.4 - 49.9	35.4 - 49.9	109.11	Dry	Dry	Dry
	9/24/2014	52.4	35.4 - 49.9	35.4 - 49.9	109.11	Dry	Dry	Dry
	10/30/2014	52.4	35.4 - 49.9	35.4 - 49.9	109.11	Dry	Dry	Dry
	11/24/2014	52.4	35.4 - 49.9	35.4 - 49.9	109.11	Dry	Dry	Dry
	12/9/2014	52.4	35.4 - 49.9	35.4 - 49.9	109.11	Dry	Dry	Dry
	1/20/2015	52.4	35.4 - 49.9	35.4 - 49.9	109.11	Dry	Dry	Dry
	2/17/2015	52.4	35.4 - 49.9	35.4 - 49.9	109.11	Dry	Dry	Dry
	3/26/2015	52.4	35.4 - 49.9	35.4 - 49.9	109.11	Dry	Dry	Dry
	4/14/2015	52.4	35.4 - 49.9	35.4 - 49.9	109.11	Dry	Dry	Dry
	5/27/2015	52.4	35.4 - 49.9	35.4 - 49.9	109.11	Dry	Dry	Dry
	6/18/2015	52.4	35.4 - 49.9	35.4 - 49.9	109.11	Dry	Dry	Dry
	7/30/2015	52.4	35.4 - 49.9	35.4 - 49.9	109.11	Dry	Dry	Dry
	8/26/2015	52.4	35.4 - 49.9	35.4 - 49.9	109.11	Dry	Dry	Dry
	9/29/2015	52.4	35.4 - 49.9	35.4 - 49.9	109.11	Dry	Dry	Dry
	10/28/2015	52.4	35.4 - 49.9	35.4 - 49.9	109.11	Dry	Dry	Dry
	11/18/2015	52.4	35.4 - 49.9	35.4 - 49.9	109.11	Dry	Dry	Dry
	12/30/2015	52.4	35.4 - 49.9	35.4 - 49.9	109.11	Dry	Dry	Dry
	1/27/2016	52.4	35.4 - 49.9	35.4 - 49.9	109.11	Dry	Dry	Dry
	3/23/2016	52.4	35.4 - 49.9	35.4 - 49.9	109.11	Dry	Dry	Dry
	6/22/2016	52.4	35.4 - 49.9	35.4 - 49.9	109.11	Dry	Dry	Dry
	8/31/2016	52.4	35.4 - 49.9	35.4 - 49.9	109.11	Dry	Dry	Dry
	12/27/2016	52.4	35.4 - 49.9	35.4 - 49.9	109.11	Dry	Dry	Dry
	3/29/2017	52.4	35.4 - 49.9	35.4 - 49.9	109.11	Dry	Dry	Dry
	6/28/2017	52.4	35.4 - 49.9	35.4 - 49.9	109.11	Dry	Dry	Dry
	9/27/2017	52.4	35.4 - 49.9	35.4 - 49.9	109.11	Dry	Dry	Dry
	12/27/2017	52.4	35.4 - 49.9	35.4 - 49.9	109.11	Dry	Dry	Dry
DPE-6	4/10/2012	52.4	35.5 - 49.9	35.5 - 49.9	108.83	47.35	2.55	61.48
	5/16/2012	52.4	35.5 - 49.9	35.5 - 49.9	108.83	47.25	2.65	61.58
	5/22/2012	52.4	35.5 - 49.9	35.5 - 49.9	108.83	47.85	2.05	60.98
	5/31/2012	52.4	35.5 - 49.9	35.5 - 49.9	108.83	47.09	2.81	61.74
	6/6/2012	52.4	35.5 - 49.9	35.5 - 49.9	108.83	40.94	8.96	67.89
	6/13/2012	52.4	35.5 - 49.9	35.5 - 49.9	108.83	41.07	8.83	67.76
	6/20/2012	52.4	35.5 - 49.9	35.5 - 49.9	108.83	40.80	9.10	68.03
	6/26/2012	52.4	35.5 - 49.9	35.5 - 49.9	108.83	Dry	Dry	Dry
	7/3/2012	52.4	35.5 - 49.9	35.5 - 49.9	108.83	Dry	Dry	Dry
	1/25/2013	52.4	35.5 - 49.9	35.5 - 49.9	108.83	47.40	2.5	61.43
	2/22/2013	52.4	35.5 - 49.9	35.5 - 49.9	108.83	48.11	1.79	60.72
	3/22/2013	52.4	35.5 - 49.9	35.5 - 49.9	108.83	Dry	Dry	Dry
	4/23/2013	52.4	35.5 - 49.9	35.5 - 49.9	108.83	Dry	Dry	Dry
	5/31/2013	52.4	35.5 - 49.9	35.5 - 49.9	108.83	Dry	Dry	Dry
	6/28/2013	52.4	35.5 - 49.9	35.5 - 49.9	108.83	Dry	Dry	Dry
	7/30/2013	52.4	35.5 - 49.9	35.5 - 49.9	108.83	Dry	Dry	Dry
	8/30/2013	52.4	35.5 - 49.9	35.5 - 49.9	108.83	Dry	Dry	Dry
	9/27/2013	52.4	35.5 - 49.9	35.5 - 49.9	108.83	Dry	Dry	Dry
	10/29/2013	52.4	35.5 - 49.9	35.5 - 49.9	108.83	Dry	Dry	Dry
	11/26/2013	52.4	35.5 - 49.9	35.5 - 49.9	108.83	Dry	Dry	Dry
	12/23/2013	52.4	35.5 - 49.9	35.5 - 49.9	108.83	Dry	Dry	Dry
	1/31/2014	52.4	35.5 - 49.9	35.5 - 49.9	108.83	Dry	Dry	Dry
	2/28/2014	52.4	35.5 - 49.9	35.5 - 49.9	108.83	Dry	Dry	Dry
	3/28/2014	52.4	35.5 - 49.9	35.5 - 49.9	108.83	Dry	Dry	Dry
	4/29/2014	52.4	35.5 - 49.9	35.5 - 49.9	108.83	Dry	Dry	Dry
	5/27/2014	52.4	35.5 - 49.9	35.5 - 49.9	108.83	Dry	Dry	Dry
	6/24/2014	52.4	35.5 - 49.9	35.5 - 49.9	108.83	Dry	Dry	Dry
	7/30/2014	52.4	35.5 - 49.9	35.5 - 49.9	108.83	Dry	Dry	Dry
	8/27/2014	52.4	35.5 - 49.9	35.5 - 49.9	108.83	Dry	Dry	Dry
	9/24/2014	52.4	35.5 - 49.9	35.5 - 49.9	108.83	Dry	Dry	Dry
	10/30/2014	52.4	35.5 - 49.9	35.5 - 49.9	108.83	Dry	Dry	Dry
	11/24/2014	52.4	35.5 - 49.9	35.5 - 49.9	108.83	Dry	Dry	Dry
	12/9/2014	52.4	35.5 - 49.9	35.5 - 49.9	108.83	Dry	Dry	Dry
	1/20/2015	52.4	35.5 - 49.9	35.5 - 49.9	108.83	Dry	Dry	Dry

TABLE X
PERCHED GROUNDWATER LEVEL MEASUREMENTS
COOPER DRUM COMPANY SUPERFUND SITE
SOUTH GATE, CALIFORNIA

Well ID	Date Measured	Total Depth (ft bTOC)	Screened Interval (ft bTOC)	Filter Pack Sand Interval (ft bTOC)	TOC Elevation (NAVD88)	Depth to Water (ft bTOC)	Water Column (feet)	Perched Groundwater Elevation (NAVD88)
DPE-6	2/17/2015	52.4	35.5 - 49.9	35.5 - 49.9	108.83	Dry	Dry	Dry
	3/26/2015	52.4	35.5 - 49.9	35.5 - 49.9	108.83	Dry	Dry	Dry
	4/14/2015	52.4	35.5 - 49.9	35.5 - 49.9	108.83	Dry	Dry	Dry
	5/27/2015	52.4	35.5 - 49.9	35.5 - 49.9	108.83	Dry	Dry	Dry
	6/18/2015	52.4	35.5 - 49.9	35.5 - 49.9	108.83	Dry	Dry	Dry
	7/30/2015	52.4	35.5 - 49.9	35.5 - 49.9	108.83	Dry	Dry	Dry
	8/26/2015	52.4	35.5 - 49.9	35.5 - 49.9	108.83	Dry	Dry	Dry
	9/29/2015	52.4	35.5 - 49.9	35.5 - 49.9	108.83	Dry	Dry	Dry
	10/28/2015	52.4	35.5 - 49.9	35.5 - 49.9	108.83	Dry	Dry	Dry
	11/18/2015	52.4	35.5 - 49.9	35.5 - 49.9	108.83	Dry	Dry	Dry
	12/30/2015	52.4	35.5 - 49.9	35.5 - 49.9	108.83	Dry	Dry	Dry
	1/27/2016	52.4	35.5 - 49.9	35.5 - 49.9	108.83	Dry	Dry	Dry
	3/23/2016	52.4	35.5 - 49.9	35.5 - 49.9	108.83	Dry	Dry	Dry
	6/22/2016	52.4	35.5 - 49.9	35.5 - 49.9	108.83	Dry	Dry	Dry
	8/31/2016	52.4	35.5 - 49.9	35.5 - 49.9	108.83	Dry	Dry	Dry
	12/27/2016	52.4	35.5 - 49.9	35.5 - 49.9	108.83	Dry	Dry	Dry
	3/29/2017	52.4	35.5 - 49.9	35.5 - 49.9	108.83	Dry	Dry	Dry
	6/28/2017	52.4	35.5 - 49.9	35.5 - 49.9	108.83	Dry	Dry	Dry
	9/27/2017	52.4	35.5 - 49.9	35.5 - 49.9	108.83	Dry	Dry	Dry
	12/27/2017	52.4	35.5 - 49.9	35.5 - 49.9	108.83	Dry	Dry	Dry
DPE-7	4/10/2012	50.9	10.9 - 50.9	10.9 - 50.9	112.91	(44.60) *	6.3 *	NA
	5/16/2012	50.9	10.9 - 50.9	10.9 - 50.9	112.91	43.65	7.25	69.26
	5/22/2012	50.9	10.9 - 50.9	10.9 - 50.9	112.91	46.11	4.79	66.80
	5/31/2012	50.9	10.9 - 50.9	10.9 - 50.9	112.91	Dry	Dry	Dry
	6/6/2012	50.9	10.9 - 50.9	10.9 - 50.9	112.91	42.55	8.35	70.36
	6/13/2012	50.9	10.9 - 50.9	10.9 - 50.9	112.91	41.15	9.75	71.76
	6/20/2012	50.9	10.9 - 50.9	10.9 - 50.9	112.91	41.97	8.93	70.94
	6/26/2012	50.9	10.9 - 50.9	10.9 - 50.9	112.91	Dry	Dry	Dry
	7/3/2012	50.9	10.9 - 50.9	10.9 - 50.9	112.91	Dry	Dry	Dry
	1/25/2013	50.9	10.9 - 50.9	10.9 - 50.9	112.91	45.08	5.82	67.83
	2/22/2013	50.9	10.9 - 50.9	10.9 - 50.9	112.91	46.81	4.09	66.10
	3/22/2013	50.9	10.9 - 50.9	10.9 - 50.9	112.91	Dry	Dry	Dry
	4/23/2013	50.9	10.9 - 50.9	10.9 - 50.9	112.91	Dry	Dry	Dry
	5/31/2013	50.9	10.9 - 50.9	10.9 - 50.9	112.91	Dry	Dry	Dry
	6/28/2013	50.9	10.9 - 50.9	10.9 - 50.9	112.91	Dry	Dry	Dry
	7/30/2013	50.9	10.9 - 50.9	10.9 - 50.9	112.91	Dry	Dry	Dry
	8/30/2013	50.9	10.9 - 50.9	10.9 - 50.9	112.91	Dry	Dry	Dry
	9/27/2013	50.9	10.9 - 50.9	10.9 - 50.9	112.91	Dry	Dry	Dry
	10/29/2013	50.9	10.9 - 50.9	10.9 - 50.9	112.91	Dry	Dry	Dry
	11/26/2013	50.9	10.9 - 50.9	10.9 - 50.9	112.91	Dry	Dry	Dry
	12/23/2013	50.9	10.9 - 50.9	10.9 - 50.9	112.91	Dry	Dry	Dry
	1/31/2014	50.9	10.9 - 50.9	10.9 - 50.9	112.91	46.93	3.97	65.98
	2/28/2014	50.9	10.9 - 50.9	10.9 - 50.9	112.91	46.16	4.74	66.75
	3/28/2014	50.9	10.9 - 50.9	10.9 - 50.9	112.91	45.90	5.00	67.01
	4/29/2014	50.9	10.9 - 50.9	10.9 - 50.9	112.91	45.99	4.91	66.92
	5/27/2014	50.9	10.9 - 50.9	10.9 - 50.9	112.91	45.95	4.95	66.96
	6/24/2014	50.9	10.9 - 50.9	10.9 - 50.9	112.91	45.90	5.00	67.01
	7/30/2014	50.9	10.9 - 50.9	10.9 - 50.9	112.91	45.00	5.90	67.91
	8/27/2014	50.9	10.9 - 50.9	10.9 - 50.9	112.91	44.98	5.92	67.93
	9/24/2014	50.9	10.9 - 50.9	10.9 - 50.9	112.91	44.48	6.42	68.43
	10/30/2014	50.9	10.9 - 50.9	10.9 - 50.9	112.91	44.92	5.98	67.99
	11/24/2014	50.9	10.9 - 50.9	10.9 - 50.9	112.91	45.15	5.75	67.76
	12/9/2014	50.9	10.9 - 50.9	10.9 - 50.9	112.91	46.25	Dry	Dry
	1/20/2015	50.9	10.9 - 50.9	10.9 - 50.9	112.91	47.05	Dry	Dry
	2/17/2015	50.9	10.9 - 50.9	10.9 - 50.9	112.91	47.36	Dry	Dry
	3/26/2015	50.9	10.9 - 50.9	10.9 - 50.9	112.91	47.50	Dry	Dry
	4/14/2015	50.9	10.9 - 50.9	10.9 - 50.9	112.91	47.50	Dry	Dry
	5/27/2015	50.9	10.9 - 50.9	10.9 - 50.9	112.91	47.50	Dry	Dry
	6/18/2015	50.9	10.9 - 50.9	10.9 - 50.9	112.91	49.25	Dry	Dry
	7/30/2015	50.9	10.9 - 50.9	10.9 - 50.9	112.91	47.50	Dry	Dry
	8/26/2015	50.9	10.9 - 50.9	10.9 - 50.9	112.91	47.50	Dry	Dry
	9/29/2015	50.9	10.9 - 50.9	10.9 - 50.9	112.91	47.50	Dry	Dry
	10/28/2015	50.9	10.9 - 50.9	10.9 - 50.9	112.91	47.50	Dry	Dry
	11/18/2015	50.9	10.9 - 50.9	10.9 - 50.9	112.91	47.50	Dry	Dry
	12/30/2015	50.9	10.9 - 50.9	10.9 - 50.9	112.91	47.50	Dry	Dry
	1/27/2016	50.9	10.9 - 50.9	10.9 - 50.9	112.91	47.50	Dry	Dry
	3/23/2016	50.9	10.9 - 50.9	10.9 - 50.9	112.91	47.50	Dry	Dry
	6/22/2016	50.9	10.9 - 50.9	10.9 - 50.9	112.91	49.31	Dry	Dry
	8/31/2016	50.9	10.9 - 50.9	10.9 - 50.9	112.91	49.31	Dry	Dry
	12/27/2016	50.9	10.9 - 50.9	10.9 - 50.9	112.91	49.31	Dry	Dry
	3/29/2017	50.9	10.9 - 50.9	10.9 - 50.9	112.91	49.31	Dry	Dry
	6/28/2017	50.9	10.9 - 50.9	10.9 - 50.9	112.91	49.31	Dry	Dry
	9/27/2017	50.9	10.9 - 50.9	10.9 - 50.9	112.91	49.31	Dry	Dry
	12/27/2017	50.9	10.9 - 50.9	10.9 - 50.9	112.91	49.31	Dry	Dry

TABLE X
PERCHED GROUNDWATER LEVEL MEASUREMENTS
COOPER DRUM COMPANY SUPERFUND SITE
SOUTH GATE, CALIFORNIA

Well ID	Date Measured	Total Depth (ft bTOC)	Screened Interval (ft bTOC)	Filter Pack Sand Interval (ft bTOC)	TOC Elevation (NAVD88)	Depth to Water (ft bTOC)	Water Column (feet)	Perched Groundwater Elevation (NAVD88)
DPE-8	4/10/2012	52.3	35.4 - 49.8	35.4 - 49.8	109.00	46.62	3.18	62.38
	5/16/2012	52.3	35.4 - 49.8	35.4 - 49.8	109.00	41.00	8.80	68.00
	5/22/2012	52.3	35.4 - 49.8	35.4 - 49.8	109.00	46.8	3	62.20
	5/31/2012	52.3	35.4 - 49.8	35.4 - 49.8	109.00	Dry	Dry	Dry
	6/6/2012	52.3	35.4 - 49.8	35.4 - 49.8	109.00	40.6	9.2	68.40
	6/13/2012	52.3	35.4 - 49.8	35.4 - 49.8	109.00	40.67	9.13	68.33
	6/20/2012	52.3	35.4 - 49.8	35.4 - 49.8	109.00	40.40	9.40	68.60
	6/26/2012	52.3	35.4 - 49.8	35.4 - 49.8	109.00	Dry	Dry	Dry
	7/3/2012	52.3	35.4 - 49.8	35.4 - 49.8	109.00	Dry	Dry	Dry
	1/25/2013	52.3	35.4 - 49.8	35.4 - 49.8	109.00	49.79	0.01	59.21
	2/22/2013	52.3	35.4 - 49.8	35.4 - 49.8	109.00	49.75	0.05	59.25
	3/22/2013	52.3	35.4 - 49.8	35.4 - 49.8	109.00	Dry	Dry	Dry
	4/23/2013	52.3	35.4 - 49.8	35.4 - 49.8	109.00	Dry	Dry	Dry
	5/31/2013	52.3	35.4 - 49.8	35.4 - 49.8	109.00	Dry	Dry	Dry
	6/28/2013	52.3	35.4 - 49.8	35.4 - 49.8	109.00	Dry	Dry	Dry
	7/30/2013	52.3	35.4 - 49.8	35.4 - 49.8	109.00	Dry	Dry	Dry
	8/30/2013	52.3	35.4 - 49.8	35.4 - 49.8	109.00	Dry	Dry	Dry
	9/27/2013	52.3	35.4 - 49.8	35.4 - 49.8	109.00	Dry	Dry	Dry
	10/29/2013	52.3	35.4 - 49.8	35.4 - 49.8	109.00	Dry	Dry	Dry
	11/26/2013	52.3	35.4 - 49.8	35.4 - 49.8	109.00	Dry	Dry	Dry
	12/23/2013	52.3	35.4 - 49.8	35.4 - 49.8	109.00	Dry	Dry	Dry
	1/31/2014	52.3	35.4 - 49.8	35.4 - 49.8	109.00	49.3	0.50	59.37
	2/28/2014	52.3	35.4 - 49.8	35.4 - 49.8	109.00	48.15	1.65	60.85
	3/28/2014	52.3	35.4 - 49.8	35.4 - 49.8	109.00	46.99	2.81	62.01
	4/29/2014	52.3	35.4 - 49.8	35.4 - 49.8	109.00	46.99	2.81	62.01
	5/27/2014	52.3	35.4 - 49.8	35.4 - 49.8	109.00	46.99	2.81	62.01
	6/24/2014	52.3	35.4 - 49.8	35.4 - 49.8	109.00	46.99	2.81	62.01
	7/30/2014	52.3	35.4 - 49.8	35.4 - 49.8	109.00	47.36	2.44	61.64
	8/27/2014	52.3	35.4 - 49.8	35.4 - 49.8	109.00	46.99	2.81	62.01
	9/24/2014	52.3	35.4 - 49.8	35.4 - 49.8	109.00	Dry	Dry	Dry
	10/30/2014	52.3	35.4 - 49.8	35.4 - 49.8	109.00	Dry	Dry	Dry
	11/24/2014	52.3	35.4 - 49.8	35.4 - 49.8	109.00	Dry	Dry	Dry
	12/9/2014	52.3	35.4 - 49.8	35.4 - 49.8	109.00	Dry	Dry	Dry
	1/20/2015	52.3	35.4 - 49.8	35.4 - 49.8	109.00	Dry	Dry	Dry
	2/17/2015	52.3	35.4 - 49.8	35.4 - 49.8	109.00	Dry	Dry	Dry
	3/26/2015	52.3	35.4 - 49.8	35.4 - 49.8	109.00	Dry	Dry	Dry
	4/14/2015	52.3	35.4 - 49.8	35.4 - 49.8	109.00	Dry	Dry	Dry
	5/27/2015	52.3	35.4 - 49.8	35.4 - 49.8	109.00	Dry	Dry	Dry
	6/18/2015	52.3	35.4 - 49.8	35.4 - 49.8	109.00	Dry	Dry	Dry
	7/30/2015	52.3	35.4 - 49.8	35.4 - 49.8	109.00	Dry	Dry	Dry
	8/26/2015	52.3	35.4 - 49.8	35.4 - 49.8	109.00	Dry	Dry	Dry
	9/29/2015	52.3	35.4 - 49.8	35.4 - 49.8	109.00	Dry	Dry	Dry
	10/28/2015	52.3	35.4 - 49.8	35.4 - 49.8	109.00	Dry	Dry	Dry
	11/18/2015	52.3	35.4 - 49.8	35.4 - 49.8	109.00	Dry	Dry	Dry
	12/30/2015	52.3	35.4 - 49.8	35.4 - 49.8	109.00	Dry	Dry	Dry
	1/27/2016	52.3	35.4 - 49.8	35.4 - 49.8	109.00	Dry	Dry	Dry
	3/23/2016	52.3	35.4 - 49.8	35.4 - 49.8	109.00	Dry	Dry	Dry
	6/22/2016	52.3	35.4 - 49.8	35.4 - 49.8	109.00	Dry	Dry	Dry
	8/31/2016	52.3	35.4 - 49.8	35.4 - 49.8	109.00	Dry	Dry	Dry
	12/27/2016	52.3	35.4 - 49.8	35.4 - 49.8	109.00	Dry	Dry	Dry
	3/29/2017	52.3	35.4 - 49.8	35.4 - 49.8	109.00	Dry	Dry	Dry
	6/28/2017	52.3	35.4 - 49.8	35.4 - 49.8	109.00	Dry	Dry	Dry
	9/27/2017	52.3	35.4 - 49.8	35.4 - 49.8	109.00	Dry	Dry	Dry
	12/27/2017	52.3	35.4 - 49.8	35.4 - 49.8	109.00	Dry	Dry	Dry
DPE-9	4/10/2012	52.8	35.7 - 50.3	35.7 - 50.3	108.42	40.34	9.96	68.08
	5/16/2012	52.8	35.7 - 50.3	35.7 - 50.3	108.42	39.4	10.9	69.02
	5/22/2012	52.8	35.7 - 50.3	35.7 - 50.3	108.42	39.98	10.32	68.44
	5/31/2012	52.8	35.7 - 50.3	35.7 - 50.3	108.42	Dry	Dry	Dry
	6/6/2012	52.8	35.7 - 50.3	35.7 - 50.3	108.42	39.22	11.08	69.20
	6/13/2012	52.8	35.7 - 50.3	35.7 - 50.3	108.42	38.82	11.48	69.60
	6/20/2012	52.8	35.7 - 50.3	35.7 - 50.3	108.42	38.86	11.44	69.56
	6/26/2012	52.8	35.7 - 50.3	35.7 - 50.3	108.42	(48.40)	NA	NA
	7/3/2012	52.8	35.7 - 50.3	35.7 - 50.3	108.42	Dry	Dry	Dry
	1/25/2013	52.8	35.7 - 50.3	35.7 - 50.3	108.42	43.38	6.92	65.04
	2/22/2013	52.8	35.7 - 50.3	35.7 - 50.3	108.42	45.17	5.13	63.25
	3/22/2013	52.8	35.7 - 50.3	35.7 - 50.3	108.42	Dry	Dry	Dry
	4/23/2013	52.8	35.7 - 50.3	35.7 - 50.3	108.42	Dry	Dry	Dry
	5/31/2013	52.8	35.7 - 50.3	35.7 - 50.3	108.42	Dry	Dry	Dry
	6/28/2013	52.8	35.7 - 50.3	35.7 - 50.3	108.42	Dry	Dry	Dry
	7/30/2013	52.8	35.7 - 50.3	35.7 - 50.3	108.42	Dry	Dry	Dry
	8/30/2013	52.8	35.7 - 50.3	35.7 - 50.3	108.42	Dry	Dry	Dry
	9/27/2013	52.8	35.7 - 50.3	35.7 - 50.3	108.42	Dry	Dry	Dry
	10/29/2013	52.8	35.7 - 50.3	35.7 - 50.3	108.42	Dry	Dry	Dry
	11/26/2013	52.8	35.7 - 50.3	35.7 - 50.3	108.42	Dry	Dry	Dry

TABLE X
PERCHED GROUNDWATER LEVEL MEASUREMENTS
COOPER DRUM COMPANY SUPERFUND SITE
SOUTH GATE, CALIFORNIA

Well ID	Date Measured	Total Depth (ft bTOC)	Screened Interval (ft bTOC)	Filter Pack Sand Interval (ft bTOC)	TOC Elevation (NAVD88)	Depth to Water (ft bTOC)	Water Column (feet)	Perched Groundwater Elevation (NAVD88)
DPE-9	12/23/2013	52.8	35.7 - 50.3	35.7 - 50.3	108.42	Dry	Dry	Dry
	1/31/2014	52.8	35.7 - 50.3	35.7 - 50.3	108.42	Dry	Dry	Dry
	2/28/2014	52.8	35.7 - 50.3	35.7 - 50.3	108.42	Dry	Dry	Dry
	3/28/2014	52.8	35.7 - 50.3	35.7 - 50.3	108.42	Dry	Dry	Dry
	4/29/2014	52.8	35.7 - 50.3	35.7 - 50.3	108.42	Dry	Dry	Dry
	5/27/2014	52.8	35.7 - 50.3	35.7 - 50.3	108.42	Dry	Dry	Dry
	6/24/2014	52.8	35.7 - 50.3	35.7 - 50.3	108.42	Dry	Dry	Dry
	7/30/2014	52.8	35.7 - 50.3	35.7 - 50.3	108.42	Dry	Dry	Dry
	8/27/2014	52.8	35.7 - 50.3	35.7 - 50.3	108.42	Dry	Dry	Dry
	9/24/2014	52.8	35.7 - 50.3	35.7 - 50.3	108.42	Dry	Dry	Dry
	10/30/2014	52.8	35.7 - 50.3	35.7 - 50.3	108.42	Dry	Dry	Dry
	11/24/2014	52.8	35.7 - 50.3	35.7 - 50.3	108.42	Dry	Dry	Dry
	12/9/2014	52.8	35.7 - 50.3	35.7 - 50.3	108.42	Dry	Dry	Dry
	1/20/2015	52.8	35.7 - 50.3	35.7 - 50.3	108.42	Dry	Dry	Dry
	2/17/2015	52.8	35.7 - 50.3	35.7 - 50.3	108.42	Dry	Dry	Dry
	3/26/2015	52.8	35.7 - 50.3	35.7 - 50.3	108.42	Dry	Dry	Dry
	4/14/2015	52.8	35.7 - 50.3	35.7 - 50.3	108.42	Dry	Dry	Dry
	5/27/2015	52.8	35.7 - 50.3	35.7 - 50.3	108.42	Dry	Dry	Dry
	6/18/2015	52.8	35.7 - 50.3	35.7 - 50.3	108.42	Dry	Dry	Dry
	7/30/2015	52.8	35.7 - 50.3	35.7 - 50.3	108.42	Dry	Dry	Dry
	8/26/2015	52.8	35.7 - 50.3	35.7 - 50.3	108.42	Dry	Dry	Dry
	9/29/2015	52.8	35.7 - 50.3	35.7 - 50.3	108.42	Dry	Dry	Dry
	10/28/2015	52.8	35.7 - 50.3	35.7 - 50.3	108.42	Dry	Dry	Dry
	11/18/2015	52.8	35.7 - 50.3	35.7 - 50.3	108.42	Dry	Dry	Dry
	12/30/2015	52.8	35.7 - 50.3	35.7 - 50.3	108.42	Dry	Dry	Dry
	1/27/2016	52.8	35.7 - 50.3	35.7 - 50.3	108.42	Dry	Dry	Dry
	3/23/2016	52.8	35.7 - 50.3	35.7 - 50.3	108.42	Dry	Dry	Dry
	6/22/2016	52.8	35.7 - 50.3	35.7 - 50.3	108.42	Dry	Dry	Dry
	8/31/2016	52.8	35.7 - 50.3	35.7 - 50.3	108.42	Dry	Dry	Dry
	12/27/2016	52.8	35.7 - 50.3	35.7 - 50.3	108.42	Dry	Dry	Dry
	3/29/2017	52.8	35.7 - 50.3	35.7 - 50.3	108.42	Dry	Dry	Dry
	6/28/2017	52.8	35.7 - 50.3	35.7 - 50.3	108.42	Dry	Dry	Dry
	9/27/2017	52.8	35.7 - 50.3	35.7 - 50.3	108.42	Dry	Dry	Dry
	12/27/2017	52.8	35.7 - 50.3	35.7 - 50.3	108.42	Dry	Dry	Dry
DPE-10	4/10/2012	52.8	35.9 - 50.3	35.9 - 50.3	108.55	43.77	6.53	64.78
	5/16/2012	52.8	35.9 - 50.3	35.9 - 50.3	108.55	39.7	10.6	68.85
	5/22/2012	52.8	35.9 - 50.3	35.9 - 50.3	108.55	42.78	7.52	65.77
	5/31/2012	52.8	35.9 - 50.3	35.9 - 50.3	108.55	Dry	Dry	Dry
	6/6/2012	52.8	35.9 - 50.3	35.9 - 50.3	108.55	39.25	11.05	69.30
	6/13/2012	52.8	35.9 - 50.3	35.9 - 50.3	108.55	38.95	11.35	69.60
	6/20/2012	52.8	35.9 - 50.3	35.9 - 50.3	108.55	39.19	11.11	69.36
	6/26/2012	52.8	35.9 - 50.3	35.9 - 50.3	108.55	Dry	Dry	Dry
	7/3/2012	52.8	35.9 - 50.3	35.9 - 50.3	108.55	Dry	Dry	Dry
	1/25/2013	52.8	35.9 - 50.3	35.9 - 50.3	108.55	45.66	4.64	62.89
	2/22/2013	52.8	35.9 - 50.3	35.9 - 50.3	108.55	46.69	3.61	61.86
	3/22/2013	52.8	35.9 - 50.3	35.9 - 50.3	108.55	Dry	Dry	Dry
	4/23/2013	52.8	35.9 - 50.3	35.9 - 50.3	108.55	Dry	Dry	Dry
	5/31/2013	52.8	35.9 - 50.3	35.9 - 50.3	108.55	Dry	Dry	Dry
	6/28/2013	52.8	35.9 - 50.3	35.9 - 50.3	108.55	Dry	Dry	Dry
	7/30/2013	52.8	35.9 - 50.3	35.9 - 50.3	108.55	Dry	Dry	Dry
	8/30/2013	52.8	35.9 - 50.3	35.9 - 50.3	108.55	Dry	Dry	Dry
	9/27/2013	52.8	35.9 - 50.3	35.9 - 50.3	108.55	Dry	Dry	Dry
	10/29/2013	52.8	35.9 - 50.3	35.9 - 50.3	108.55	Dry	Dry	Dry
	11/26/2013	52.8	35.9 - 50.3	35.9 - 50.3	108.55	Dry	Dry	Dry
	12/23/2013	52.8	35.9 - 50.3	35.9 - 50.3	108.55	Dry	Dry	Dry
	1/31/2014	52.8	35.9 - 50.3	35.9 - 50.3	108.55	Dry	Dry	Dry
	2/28/2014	52.8	35.9 - 50.3	35.9 - 50.3	108.55	Dry	Dry	Dry
	3/28/2014	52.8	35.9 - 50.3	35.9 - 50.3	108.55	Dry	Dry	Dry
	4/29/2014	52.8	35.9 - 50.3	35.9 - 50.3	108.55	Dry	Dry	Dry
	5/27/2014	52.8	35.9 - 50.3	35.9 - 50.3	108.55	Dry	Dry	Dry
	6/24/2014	52.8	35.9 - 50.3	35.9 - 50.3	108.55	Dry	Dry	Dry
	7/30/2014	52.8	35.9 - 50.3	35.9 - 50.3	108.55	Dry	Dry	Dry
	8/27/2014	52.8	35.9 - 50.3	35.9 - 50.3	108.55	Dry	Dry	Dry
	9/24/2014	52.8	35.9 - 50.3	35.9 - 50.3	108.55	Dry	Dry	Dry
	10/30/2014	52.8	35.9 - 50.3	35.9 - 50.3	108.55	Dry	Dry	Dry
	11/24/2014	52.8	35.9 - 50.3	35.9 - 50.3	108.55	Dry	Dry	Dry
	12/9/2014	52.8	35.9 - 50.3	35.9 - 50.3	108.55	Dry	Dry	Dry
	1/20/2015	52.8	35.9 - 50.3	35.9 - 50.3	108.55	Dry	Dry	Dry
	2/17/2015	52.8	35.9 - 50.3	35.9 - 50.3	108.55	Dry	Dry	Dry
	3/26/2015	52.8	35.9 - 50.3	35.9 - 50.3	108.55	Dry	Dry	Dry
	4/14/2015	52.8	35.9 - 50.3	35.9 - 50.3	108.55	Dry	Dry	Dry
	5/27/2015	52.8	35.9 - 50.3	35.9 - 50.3	108.55	Dry	Dry	Dry
	6/18/2015	52.8	35.9 - 50.3	35.9 - 50.3	108.55	52.2	-1.9	56.35
	7/30/2015	52.8	35.9 - 50.3	35.9 - 50.3	108.55	Dry	Dry	Dry

TABLE X
PERCHED GROUNDWATER LEVEL MEASUREMENTS
COOPER DRUM COMPANY SUPERFUND SITE
SOUTH GATE, CALIFORNIA

Well ID	Date Measured	Total Depth (ft bTOC)	Screened Interval (ft bTOC)	Filter Pack Sand Interval (ft bTOC)	TOC Elevation (NAVD88)	Depth to Water (ft bTOC)	Water Column (feet)	Perched Groundwater Elevation (NAVD88)
DPE-10	8/26/2015	52.8	35.9 - 50.3	35.9 - 50.3	108.55	Dry	Dry	Dry
	9/29/2015	52.8	35.9 - 50.3	35.9 - 50.3	108.55	Dry	Dry	Dry
	10/28/2015	52.8	35.9 - 50.3	35.9 - 50.3	108.55	Dry	Dry	Dry
	11/18/2015	52.8	35.9 - 50.3	35.9 - 50.3	108.55	Dry	Dry	Dry
	12/30/2015	52.8	35.9 - 50.3	35.9 - 50.3	108.55	Dry	Dry	Dry
	1/27/2016	52.8	35.9 - 50.3	35.9 - 50.3	108.55	Dry	Dry	Dry
	3/23/2016	52.8	35.9 - 50.3	35.9 - 50.3	108.55	Dry	Dry	Dry
	6/22/2016	52.8	35.9 - 50.3	35.9 - 50.3	108.55	52.62	Dry	Dry
	8/31/2016	52.8	35.9 - 50.3	35.9 - 50.3	108.55	52.62	Dry	Dry
	12/27/2016	52.8	35.9 - 50.3	35.9 - 50.3	108.55	52.62	Dry	Dry
	3/29/2017	52.8	35.9 - 50.3	35.9 - 50.3	108.55	52.62	Dry	Dry
	6/28/2017	52.8	35.9 - 50.3	35.9 - 50.3	108.55	52.62	Dry	Dry
	9/27/2017	52.8	35.9 - 50.3	35.9 - 50.3	108.55	52.62	Dry	Dry
	12/27/2017	52.8	35.9 - 50.3	35.9 - 50.3	108.55	52.62	Dry	Dry
DPE-11	4/10/2012	52.8	35.8 - 50.3	35.8 - 50.3	108.75	44.6	5.7	64.15
	5/16/2012	52.8	35.8 - 50.3	35.8 - 50.3	108.75	40.3	10	68.45
	5/22/2012	52.8	35.8 - 50.3	35.8 - 50.3	108.75	44.8	5.5	63.95
	5/31/2012	52.8	35.8 - 50.3	35.8 - 50.3	108.75	Dry	Dry	Dry
	6/6/2012	52.8	35.8 - 50.3	35.8 - 50.3	108.75	39.35	10.95	69.40
	6/13/2012	52.8	35.8 - 50.3	35.8 - 50.3	108.75	39.53	10.77	69.22
	6/20/2012	52.8	35.8 - 50.3	35.8 - 50.3	108.75	39.4	10.9	69.35
	6/26/2012	52.8	35.8 - 50.3	35.8 - 50.3	108.75	Dry	Dry	Dry
	7/3/2012	52.8	35.8 - 50.3	35.8 - 50.3	108.75	Dry	Dry	Dry
	1/25/2013	52.8	35.8 - 50.3	35.8 - 50.3	108.75	50.27	0.03	58.48
	2/22/2013	52.8	35.8 - 50.3	35.8 - 50.3	108.75	Dry	Dry	Dry
	3/22/2013	52.8	35.8 - 50.3	35.8 - 50.3	108.75	Dry	Dry	Dry
	4/23/2013	52.8	35.8 - 50.3	35.8 - 50.3	108.75	Dry	Dry	Dry
	5/31/2013	52.8	35.8 - 50.3	35.8 - 50.3	108.75	Dry	Dry	Dry
	6/28/2013	52.8	35.8 - 50.3	35.8 - 50.3	108.75	Dry	Dry	Dry
	7/30/2013	52.8	35.8 - 50.3	35.8 - 50.3	108.75	Dry	Dry	Dry
	8/30/2013	52.8	35.8 - 50.3	35.8 - 50.3	108.75	Dry	Dry	Dry
	9/27/2013	52.8	35.8 - 50.3	35.8 - 50.3	108.75	Dry	Dry	Dry
	10/29/2013	52.8	35.8 - 50.3	35.8 - 50.3	108.75	Dry	Dry	Dry
	11/26/2013	52.8	35.8 - 50.3	35.8 - 50.3	108.75	Dry	Dry	Dry
	12/23/2013	52.8	35.8 - 50.3	35.8 - 50.3	108.75	Dry	Dry	Dry
	1/31/2014	52.8	35.8 - 50.3	35.8 - 50.3	108.75	Dry	Dry	Dry
	2/28/2014	52.8	35.8 - 50.3	35.8 - 50.3	108.75	Dry	Dry	Dry
	3/28/2014	52.8	35.8 - 50.3	35.8 - 50.3	108.75	Dry	Dry	Dry
	4/29/2014	52.8	35.8 - 50.3	35.8 - 50.3	108.75	Dry	Dry	Dry
	5/27/2014	52.8	35.8 - 50.3	35.8 - 50.3	108.75	Dry	Dry	Dry
	6/24/2014	52.8	35.8 - 50.3	35.8 - 50.3	108.75	Dry	Dry	Dry
	7/30/2014	52.8	35.8 - 50.3	35.8 - 50.3	108.75	Dry	Dry	Dry
	8/27/2014	52.8	35.8 - 50.3	35.8 - 50.3	108.75	Dry	Dry	Dry
	9/24/2014	52.8	35.8 - 50.3	35.8 - 50.3	108.75	Dry	Dry	Dry
	10/30/2014	52.8	35.8 - 50.3	35.8 - 50.3	108.75	Dry	Dry	Dry
	11/24/2014	52.8	35.8 - 50.3	35.8 - 50.3	108.75	Dry	Dry	Dry
	12/9/2014	52.8	35.8 - 50.3	35.8 - 50.3	108.75	Dry	Dry	Dry
	1/20/2015	52.8	35.8 - 50.3	35.8 - 50.3	108.75	Dry	Dry	Dry
	2/17/2015	52.8	35.8 - 50.3	35.8 - 50.3	108.75	Dry	Dry	Dry
	3/26/2015	52.8	35.8 - 50.3	35.8 - 50.3	108.75	Dry	Dry	Dry
	4/14/2015	52.8	35.8 - 50.3	35.8 - 50.3	108.75	Dry	Dry	Dry
	5/27/2015	52.8	35.8 - 50.3	35.8 - 50.3	108.75	Dry	Dry	Dry
	6/18/2015	52.8	35.8 - 50.3	35.8 - 50.3	108.75	Dry	Dry	Dry
	7/30/2015	52.8	35.8 - 50.3	35.8 - 50.3	108.75	Dry	Dry	Dry
	8/26/2015	52.8	35.8 - 50.3	35.8 - 50.3	108.75	Dry	Dry	Dry
	9/29/2015	52.8	35.8 - 50.3	35.8 - 50.3	108.75	Dry	Dry	Dry
	10/28/2015	52.8	35.8 - 50.3	35.8 - 50.3	108.75	Dry	Dry	Dry
	11/18/2015	52.8	35.8 - 50.3	35.8 - 50.3	108.75	Dry	Dry	Dry
	12/30/2015	52.8	35.8 - 50.3	35.8 - 50.3	108.75	Dry	Dry	Dry
	1/27/2016	52.8	35.8 - 50.3	35.8 - 50.3	108.75	Dry	Dry	Dry
	3/23/2016	52.8	35.8 - 50.3	35.8 - 50.3	108.75	Dry	Dry	Dry
	6/22/2016	52.8	35.8 - 50.3	35.8 - 50.3	108.75	Dry	Dry	Dry
	8/31/2016	52.8	35.8 - 50.3	35.8 - 50.3	108.75	Dry	Dry	Dry
	12/27/2016	52.8	35.8 - 50.3	35.8 - 50.3	108.75	Dry	Dry	Dry
	3/29/2017	52.8	35.8 - 50.3	35.8 - 50.3	108.75	Dry	Dry	Dry
	6/28/2017	52.8	35.8 - 50.3	35.8 - 50.3	108.75	Dry	Dry	Dry
	9/27/2017	52.8	35.8 - 50.3	35.8 - 50.3	108.75	Dry	Dry	Dry
	12/27/2017	52.8	35.8 - 50.3	35.8 - 50.3	108.75	Dry	Dry	Dry
DPE-12	4/10/2012	52.2	35.3 - 49.7	35.3 - 49.7	109.03	48.33	1.37	60.70
	5/16/2012	52.2	35.3 - 49.7	35.3 - 49.7	109.03	47.15	2.55	61.88
	5/22/2012	52.2	35.3 - 49.7	35.3 - 49.7	109.03	47.72	1.98	61.31
	5/31/2012	52.2	35.3 - 49.7	35.3 - 49.7	109.03	46.61	3.09	62.42
	6/6/2012	52.2	35.3 - 49.7	35.3 - 49.7	109.03	40.97	8.73	68.06
	6/13/2012	52.2	35.3 - 49.7	35.3 - 49.7	109.03	41.11	8.59	67.92

TABLE X
PERCHED GROUNDWATER LEVEL MEASUREMENTS
COOPER DRUM COMPANY SUPERFUND SITE
SOUTH GATE, CALIFORNIA

Well ID	Date Measured	Total Depth (ft bTOC)	Screened Interval (ft bTOC)	Filter Pack Sand Interval (ft bTOC)	TOC Elevation (NAVD88)	Depth to Water (ft bTOC)	Water Column (feet)	Perched Groundwater Elevation (NAVD88)
DPE-12	6/20/2012	52.2	35.3 - 49.7	35.3 - 49.7	109.03	40.86	8.84	68.17
	6/26/2012	52.2	35.3 - 49.7	35.3 - 49.7	109.03	Dry	Dry	Dry
	7/3/2012	52.2	35.3 - 49.7	35.3 - 49.7	109.03	Dry	Dry	Dry
	1/25/2013	52.2	35.3 - 49.7	35.3 - 49.7	109.03	Dry	Dry	Dry
	2/22/2013	52.2	35.3 - 49.7	35.3 - 49.7	109.03	Dry	Dry	Dry
	3/22/2013	52.2	35.3 - 49.7	35.3 - 49.7	109.03	49.01	0.69	60.02
	4/23/2013	52.2	35.3 - 49.7	35.3 - 49.7	109.03	49.04	0.66	56.59
	5/31/2013	52.2	35.3 - 49.7	35.3 - 49.7	109.03	49.14	0.56	56.49
	6/28/2013	52.2	35.3 - 49.7	35.3 - 49.7	109.03	49.15	0.55	56.48
	7/30/2013	52.2	35.3 - 49.7	35.3 - 49.7	109.03	49.21	0.49	56.42
	8/30/2013	52.2	35.3 - 49.7	35.3 - 49.7	109.03	49.25	0.45	56.38
	9/27/2013	52.2	35.3 - 49.7	35.3 - 49.7	109.03	49.28	0.42	56.35
	10/29/2013	52.2	35.3 - 49.7	35.3 - 49.7	109.03	Dry	Dry	Dry
	11/26/2013	52.2	35.3 - 49.7	35.3 - 49.7	109.03	Dry	Dry	Dry
	12/23/2013	52.2	35.3 - 49.7	35.3 - 49.7	109.03	Dry	Dry	Dry
	1/31/2014	52.2	35.3 - 49.7	35.3 - 49.7	109.03	Dry	Dry	Dry
	2/28/2014	52.2	35.3 - 49.7	35.3 - 49.7	109.03	Dry	Dry	Dry
	3/28/2014	52.2	35.3 - 49.7	35.3 - 49.7	109.03	48.62	1.08	57.01
	4/29/2014	52.2	35.3 - 49.7	35.3 - 49.7	109.03	48.62	1.08	57.01
	5/27/2014	52.2	35.3 - 49.7	35.3 - 49.7	109.03	48.62	1.08	57.01
	6/24/2014	52.2	35.3 - 49.7	35.3 - 49.7	109.03	48.62	1.08	57.01
	7/30/2014	52.2	35.3 - 49.7	35.3 - 49.7	109.03	48.84	0.86	56.79
	8/27/2014	52.2	35.3 - 49.7	35.3 - 49.7	109.03	49.09	0.61	56.54
	9/24/2014	52.2	35.3 - 49.7	35.3 - 49.7	109.03	Dry	Dry	Dry
	10/30/2014	52.2	35.3 - 49.7	35.3 - 49.7	109.03	Dry	Dry	Dry
	11/24/2014	52.2	35.3 - 49.7	35.3 - 49.7	109.03	Dry	Dry	Dry
	12/9/2014	52.2	35.3 - 49.7	35.3 - 49.7	109.03	Dry	Dry	Dry
	1/20/2015	52.2	35.3 - 49.7	35.3 - 49.7	109.03	Dry	Dry	Dry
	2/17/2015	52.2	35.3 - 49.7	35.3 - 49.7	109.03	Dry	Dry	Dry
	3/26/2015	52.2	35.3 - 49.7	35.3 - 49.7	109.03	Dry	Dry	Dry
	4/14/2015	52.2	35.3 - 49.7	35.3 - 49.7	109.03	Dry	Dry	Dry
	5/27/2015	52.2	35.3 - 49.7	35.3 - 49.7	109.03	Dry	Dry	Dry
	6/18/2015	52.2	35.3 - 49.7	35.3 - 49.7	109.03	Dry	Dry	Dry
	7/30/2015	52.2	35.3 - 49.7	35.3 - 49.7	109.03	Dry	Dry	Dry
	8/26/2015	52.2	35.3 - 49.7	35.3 - 49.7	109.03	Dry	Dry	Dry
	9/29/2015	52.2	35.3 - 49.7	35.3 - 49.7	109.03	Dry	Dry	Dry
	10/28/2015	52.2	35.3 - 49.7	35.3 - 49.7	109.03	Dry	Dry	Dry
	11/18/2015	52.2	35.3 - 49.7	35.3 - 49.7	109.03	Dry	Dry	Dry
	12/30/2015	52.2	35.3 - 49.7	35.3 - 49.7	109.03	Dry	Dry	Dry
	1/27/2016	52.2	35.3 - 49.7	35.3 - 49.7	109.03	Dry	Dry	Dry
	3/23/2016	52.2	35.3 - 49.7	35.3 - 49.7	109.03	Dry	Dry	Dry
	6/22/2016	52.2	35.3 - 49.7	35.3 - 49.7	109.03	Dry	Dry	Dry
	8/31/2016	52.2	35.3 - 49.7	35.3 - 49.7	109.03	Dry	Dry	Dry
	12/27/2016	52.2	35.3 - 49.7	35.3 - 49.7	109.03	Dry	Dry	Dry
	3/29/2017	52.2	35.3 - 49.7	35.3 - 49.7	109.03	Dry	Dry	Dry
	6/28/2017	52.2	35.3 - 49.7	35.3 - 49.7	109.03	Dry	Dry	Dry
	9/27/2017	52.2	35.3 - 49.7	35.3 - 49.7	109.03	Dry	Dry	Dry
	12/27/2017	52.2	35.3 - 49.7	35.3 - 49.7	109.03	Dry	Dry	Dry
DPE-13	4/10/2012	49.3	31.6 - 46.1	31.6 - 46.1	104.43	36.3	9.8	68.13
	5/16/2012	49.3	31.6 - 46.1	31.6 - 46.1	104.43	37.7	8.4	66.73
	5/22/2012	49.3	31.6 - 46.1	31.6 - 46.1	104.43	36.08	10.02	68.35
	5/31/2012	49.3	31.6 - 46.1	31.6 - 46.1	104.43	44.24	1.86	60.19
	6/6/2012	49.3	31.6 - 46.1	31.6 - 46.1	104.43	33.35	12.75	71.08
	6/20/2012	49.3	31.6 - 46.1	31.6 - 46.1	104.43	33.3	12.8	71.13
	7/3/2012	49.3	31.6 - 46.1	31.6 - 46.1	104.43	NM	NM	NM
	1/25/2013	49.3	31.6 - 46.1	31.6 - 46.1	104.43	39.02	7.08	65.41
	2/22/2013	49.3	31.6 - 46.1	31.6 - 46.1	104.43	39.96	6.14	64.47
	3/22/2013	49.3	31.6 - 46.1	31.6 - 46.1	104.43	43.75	2.35	60.68
	4/23/2013	49.3	31.6 - 46.1	31.6 - 46.1	104.43	43.76	2.34	61.87
	5/31/2013	49.3	31.6 - 46.1	31.6 - 46.1	104.43	43.85	2.25	61.78
	6/28/2013	49.3	31.6 - 46.1	31.6 - 46.1	104.43	43.86	2.24	61.77
	7/30/2013	49.3	31.6 - 46.1	31.6 - 46.1	104.43	44	2.1	61.63
	8/30/2013	49.3	31.6 - 46.1	31.6 - 46.1	104.43	44.06	2.04	61.57
	9/27/2013	49.3	31.6 - 46.1	31.6 - 46.1	104.43	44.13	1.97	61.50
	10/29/2013	49.3	31.6 - 46.1	31.6 - 46.1	104.43	44.2	1.9	61.43
	11/26/2013	49.3	31.6 - 46.1	31.6 - 46.1	104.43	44.3	1.8	61.33
	12/23/2013	49.3	31.6 - 46.1	31.6 - 46.1	104.43	44.36	1.74	61.27
	1/31/2014	49.3	31.6 - 46.1	31.6 - 46.1	104.43	44.44	1.66	61.19
	2/28/2014	49.3	31.6 - 46.1	31.6 - 46.1	104.43	44.64	1.46	60.99
	3/28/2014	49.3	31.6 - 46.1	31.6 - 46.1	104.43	44.89	1.21	60.74
	4/29/2014	49.3	31.6 - 46.1	31.6 - 46.1	104.43	45.03	1.07	60.60
	5/27/2014	49.3	31.6 - 46.1	31.6 - 46.1	104.43	45	1.1	60.63
	6/24/2014	49.3	31.6 - 46.1	31.6 - 46.1	104.43	45.06	1.04	60.57
	7/30/2014	49.3	31.6 - 46.1	31.6 - 46.1	104.43	44.76	1.34	60.87

TABLE X
PERCHED GROUNDWATER LEVEL MEASUREMENTS
COOPER DRUM COMPANY SUPERFUND SITE
SOUTH GATE, CALIFORNIA

Well ID	Date Measured	Total Depth (ft bTOC)	Screened Interval (ft bTOC)	Filter Pack Sand Interval (ft bTOC)	TOC Elevation (NAVD88)	Depth to Water (ft bTOC)	Water Column (feet)	Perched Groundwater Elevation (NAVD88)
DPE-13	8/27/2014	49.3	31.6 - 46.1	31.6 - 46.1	104.43	44.99	1.11	60.64
	9/24/2014	49.3	31.6 - 46.1	31.6 - 46.1	104.43	Dry	Dry	Dry
	10/30/2014	49.3	31.6 - 46.1	31.6 - 46.1	104.43	Dry	Dry	Dry
	11/24/2014	49.3	31.6 - 46.1	31.6 - 46.1	104.43	Dry	Dry	Dry
	12/9/2014	49.3	31.6 - 46.1	31.6 - 46.1	104.43	Dry	Dry	Dry
	1/20/2015	49.3	31.6 - 46.1	31.6 - 46.1	104.43	Dry	Dry	Dry
	2/17/2015	49.3	31.6 - 46.1	31.6 - 46.1	104.43	Dry	Dry	Dry
	3/26/2015	49.3	31.6 - 46.1	31.6 - 46.1	104.43	Dry	Dry	Dry
	4/14/2015	49.3	31.6 - 46.1	31.6 - 46.1	104.43	Dry	Dry	Dry
	5/27/2015	49.3	31.6 - 46.1	31.6 - 46.1	104.43	Dry	Dry	Dry
	6/18/2015	49.3	31.6 - 46.1	31.6 - 46.1	104.43	Dry	Dry	Dry
	7/30/2015	49.3	31.6 - 46.1	31.6 - 46.1	104.43	Dry	Dry	Dry
	8/26/2015	49.3	31.6 - 46.1	31.6 - 46.1	104.43	Dry	Dry	Dry
	9/29/2015	49.3	31.6 - 46.1	31.6 - 46.1	104.43	Dry	Dry	Dry
	10/28/2015	49.3	31.6 - 46.1	31.6 - 46.1	104.43	Dry	Dry	Dry
	11/18/2015	49.3	31.6 - 46.1	31.6 - 46.1	104.43	Dry	Dry	Dry
	12/30/2015	49.3	31.6 - 46.1	31.6 - 46.1	104.43	Dry	Dry	Dry
	1/27/2016	49.3	31.6 - 46.1	31.6 - 46.1	104.43	Dry	Dry	Dry
	3/23/2016	49.3	31.6 - 46.1	31.6 - 46.1	104.43	Dry	Dry	Dry
	6/22/2016	49.3	31.6 - 46.1	31.6 - 46.1	104.43	Dry	Dry	Dry
	8/31/2016	49.3	31.6 - 46.1	31.6 - 46.1	104.43	Dry	Dry	Dry
	12/27/2016	49.3	31.6 - 46.1	31.6 - 46.1	104.43	Dry	Dry	Dry
	3/29/2017	49.3	31.6 - 46.1	31.6 - 46.1	104.43	Dry	Dry	Dry
	6/28/2017	49.3	31.6 - 46.1	31.6 - 46.1	104.43	Dry	Dry	Dry
	9/27/2017	49.3	31.6 - 46.1	31.6 - 46.1	104.43	Dry	Dry	Dry
	12/27/2017	49.3	31.6 - 46.1	31.6 - 46.1	104.43	Dry	Dry	Dry
DPE-14	4/10/2012	53.7	36.7 - 51.2	36.7 - 51.2	108.63	41.82	9.38	66.81
	5/16/2012	53.7	36.7 - 51.2	36.7 - 51.2	108.63	39.1	12.1	69.53
	5/22/2012	53.7	36.7 - 51.2	36.7 - 51.2	108.63	41.69	9.51	66.94
	5/31/2012	53.7	36.7 - 51.2	36.7 - 51.2	108.63	Dry	Dry	Dry
	6/6/2012	53.7	36.7 - 51.2	36.7 - 51.2	108.63	38.35	12.85	70.28
	6/13/2012	53.7	36.7 - 51.2	36.7 - 51.2	108.63	50	1.2	58.63
	6/20/2012	53.7	36.7 - 51.2	36.7 - 51.2	108.63	38.15	13.05	70.48
	6/26/2012	53.7	36.7 - 51.2	36.7 - 51.2	108.63	(50.30)	NA	NA
	7/3/2012	53.7	36.7 - 51.2	36.7 - 51.2	108.63	43.65	7.55	64.98
	1/25/2013	53.7	36.7 - 51.2	36.7 - 51.2	108.63	41.45	9.75	67.18
	2/22/2013	53.7	36.7 - 51.2	36.7 - 51.2	108.63	42.79	8.41	65.84
	3/22/2013	53.7	36.7 - 51.2	36.7 - 51.2	108.63	Dry	Dry	Dry
	4/23/2013	53.7	36.7 - 51.2	36.7 - 51.2	108.63	Dry	Dry	Dry
	5/31/2013	53.7	36.7 - 51.2	36.7 - 51.2	108.63	Dry	Dry	Dry
	6/28/2013	53.7	36.7 - 51.2	36.7 - 51.2	108.63	Dry	Dry	Dry
	7/30/2013	53.7	36.7 - 51.2	36.7 - 51.2	108.63	Dry	Dry	Dry
	8/30/2013	53.7	36.7 - 51.2	36.7 - 51.2	108.63	Dry	Dry	Dry
	9/27/2013	53.7	36.7 - 51.2	36.7 - 51.2	108.63	Dry	Dry	Dry
	10/29/2013	53.7	36.7 - 51.2	36.7 - 51.2	108.63	Dry	Dry	Dry
	11/26/2013	53.7	36.7 - 51.2	36.7 - 51.2	108.63	Dry	Dry	Dry
	12/23/2013	53.7	36.7 - 51.2	36.7 - 51.2	108.63	47.7	3.5	60.93
	1/31/2014	53.7	36.7 - 51.2	36.7 - 51.2	108.63	44.44	6.76	64.19
	2/28/2014	53.7	36.7 - 51.2	36.7 - 51.2	108.63	41.32	9.88	67.31
	3/28/2014	53.7	36.7 - 51.2	36.7 - 51.2	108.63	37.73	13.47	70.90
	4/29/2014	53.7	36.7 - 51.2	36.7 - 51.2	108.63	37.76	13.44	70.87
	5/27/2014	53.7	36.7 - 51.2	36.7 - 51.2	108.63	37.71	13.49	70.92
	6/24/2014	53.7	36.7 - 51.2	36.7 - 51.2	108.63	37.73	13.47	70.90
	7/30/2014	53.7	36.7 - 51.2	36.7 - 51.2	108.63	37.62	13.58	71.01
	8/27/2014	53.7	36.7 - 51.2	36.7 - 51.2	108.63	37.46	13.74	71.17
	9/24/2014	53.7	36.7 - 51.2	36.7 - 51.2	108.63	37.36	13.84	71.27
	10/30/2014	53.7	36.7 - 51.2	36.7 - 51.2	108.63	37.36	13.84	67.21
	11/24/2014	53.7	36.7 - 51.2	36.7 - 51.2	108.63	Dry	Dry	Dry
	12/9/2014	53.7	36.7 - 51.2	36.7 - 51.2	108.63	Dry	Dry	Dry
	1/20/2015	53.7	36.7 - 51.2	36.7 - 51.2	108.63	Dry	Dry	Dry
	2/17/2015	53.7	36.7 - 51.2	36.7 - 51.2	108.63	Dry	Dry	Dry
	3/26/2015	53.7	36.7 - 51.2	36.7 - 51.2	108.63	Dry	Dry	Dry
	4/14/2015	53.7	36.7 - 51.2	36.7 - 51.2	108.63	Dry	Dry	Dry
	5/27/2015	53.7	36.7 - 51.2	36.7 - 51.2	108.63	Dry	Dry	Dry
	6/18/2015	53.7	36.7 - 51.2	36.7 - 51.2	108.63	Dry	Dry	Dry
	7/30/2015	53.7	36.7 - 51.2	36.7 - 51.2	108.63	Dry	Dry	Dry
	8/26/2015	53.7	36.7 - 51.2	36.7 - 51.2	108.63	Dry	Dry	Dry
	9/29/2015	53.7	36.7 - 51.2	36.7 - 51.2	108.63	Dry	Dry	Dry
	10/28/2015	53.7	36.7 - 51.2	36.7 - 51.2	108.63	Dry	Dry	Dry
	11/18/2015	53.7	36.7 - 51.2	36.7 - 51.2	108.63	Dry	Dry	Dry
	12/30/2015	53.7	36.7 - 51.2	36.7 - 51.2	108.63	Dry	Dry	Dry
	1/27/2016	53.7	36.7 - 51.2	36.7 - 51.2	108.63	Dry	Dry	Dry
	3/23/2016	53.7	36.7 - 51.2	36.7 - 51.2	108.63	Dry	Dry	Dry
	6/22/2016	53.7	36.7 - 51.2	36.7 - 51.2	108.63	Dry	Dry	Dry

TABLE X
PERCHED GROUNDWATER LEVEL MEASUREMENTS
COOPER DRUM COMPANY SUPERFUND SITE
SOUTH GATE, CALIFORNIA

Well ID	Date Measured	Total Depth (ft bTOC)	Screened Interval (ft bTOC)	Filter Pack Sand Interval (ft bTOC)	TOC Elevation (NAVD88)	Depth to Water (ft bTOC)	Water Column (feet)	Perched Groundwater Elevation (NAVD88)
DPE-14	8/31/2016	53.7	36.7 - 51.2	36.7 - 51.2	108.63	Dry	Dry	Dry
	12/27/2016	53.7	36.7 - 51.2	36.7 - 51.2	108.63	Dry	Dry	Dry
	3/29/2017	53.7	36.7 - 51.2	36.7 - 51.2	108.63	Dry	Dry	Dry
	6/28/2017	53.7	36.7 - 51.2	36.7 - 51.2	108.63	Dry	Dry	Dry
	9/27/2017	53.7	36.7 - 51.2	36.7 - 51.2	108.63	Dry	Dry	Dry
	12/27/2017	53.7	36.7 - 51.2	36.7 - 51.2	108.63	Dry	Dry	Dry

Abbreviations:
* = measurement error or well blockage likely explains unusual water level
(50.80) = no water detected at depth listed in parentheses
Dry = water not detected above the bottom of the screened interval
TOC = top of casing
ft bTOC = feet below top of casing.
NA = not applicable
NAVD88 = feet above the North American Vertical Datum of 1988
NM = not measured

TABLE XI
ANALYTICAL RESULTS FOR CHEMICALS OF CONCERN AND 1,4-DIOXANE IN PERCHED (OU2) GROUNDWATER SAMPLES
COOPER DRUM COMPANY SUPERFUND SITE
SOUTH GATE, CALIFORNIA

Well ID	Screened Interval	Sample Date	Sample Type	PCE µg/L	TCE µg/L	cDCE µg/L	1,1-DCA µg/L	1,2-DCA µg/L	VC µg/L	1,1-DCE µg/L	1,2-DCP µg/L	1,2,3-TCP µg/L	tDCE µg/L	Benzene µg/L	Total VOCs µg/L	1,4-Dioxane µg/L
DPE-1	8 - 43 (ft)	07/06/2012	Primary	3.1	4.4	8.2	7.6	< 0.5	< 0.5	< 0.5	0.82	2.6	< 0.5	0.64	27.36	420
		09/14/2012	Primary	2.4	2.2	3.3	2	< 0.5	< 0.5	0.99	< 0.5	0.51	< 0.5	< 0.5	11.4	420
		12/14/2012	Primary	0.85	9.6	16	18	1	2.5	< 0.5	< 0.5	< 0.5	3.6	0.85	52.4	110 J
		03/22/2013	Primary	< 1	3.3	5.7	1.7	< 1	< 1	< 1	< 1	< 1 J	< 1	< 1	10.7	25
		08/07/2013	Primary	2	0.96	1.6	2.7	< 0.3	< 0.5	< 0.3	< 0.5	< 0.3	< 0.4	< 0.2	7.26	98
		10/29/2013	Primary	0.65	2.4	1.9	0.32 J	< 0.3	< 0.5	< 0.3	< 0.5	< 0.3	< 0.4	< 0.2	5.27	130
		12/17/2013	Primary	< 0.5	2.3	5.7	0.51	< 0.3	< 0.5	< 0.3	< 0.5	< 0.3	< 0.4	< 0.2	8.51	110
		07/31/2014	Primary	0.57	8.2	36	3.9	1.2	< 0.5	< 0.3	1.9	< 0.3	1.8	0.34 J	53.91	50
		12/09/2014	Primary	< 0.5	22	74	14	0.75	0.93	1.3	< 0.5	< 0.3	3.1	< 0.2	116.08	27
		03/23/2016	Primary	0.54	2.1	3.3	7.1	< 0.3	3.7	< 0.3	< 0.5	< 0.3	3.2	0.92	20.86	100
DPE-2	32.8 - 47.3 (ft)	05/24/2012	Primary	< 0.5	< 0.5	0.7	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	0.7	< 0.97
		05/24/2012	Duplicate	< 0.5	< 0.5	0.76	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	0.76	< 0.99
		07/06/2012	Primary	0.93	3.9	13	8	< 0.5	< 0.5	< 0.5	0.67	< 0.5	0.73	< 0.5	27.23	4
		09/14/2012	Primary	1.1	1.6	1.7	< 0.5	< 0.5	< 0.5	1.1	< 0.5	< 0.5	< 0.5	< 0.5	5.5	4.6
		12/14/2012	Primary	0.66	3	3.4	1.7	< 0.5	< 0.5	0.63	< 0.5	< 0.5	0.5	< 0.5	9.89	85 J
		03/22/2013	Primary	< 1	5.8	6.1	< 1	< 1	< 1	< 1	< 1	< 1 J	< 1	< 1	11.9	23
		08/07/2013	Primary	< 0.5	16	25	1.3	< 0.3	< 0.5	< 0.3	< 0.5	< 0.3	1.3	< 0.2	43.6	9
		10/29/2013	Primary	< 0.5	5.8	1	0.46 J	< 0.3	< 0.5	0.46 J	< 0.5	< 0.3	< 0.4	< 0.2	7.72	2.2
		12/17/2013	Primary	< 0.5	4.6	9.2	0.73	< 0.3	< 0.5	< 0.3	< 0.5	< 0.3	0.45 J	< 0.2	14.98	11
		07/31/2014	Primary	< 0.5	1.7	0.5	< 0.2	< 0.3	< 0.5	< 0.3	< 0.5	< 0.3	< 0.4	< 0.2	2.2	< 4
		12/09/2014	Primary	< 0.5	5.4	12	0.77	< 0.3	< 0.5	< 0.3	< 0.5	< 0.3	0.65	< 0.2	18.82	2.6
DPE-3	32.9 - 47.4 (ft)	05/23/2012	Primary	< 0.5	2	12	4.3 J	< 0.5	0.63 J	< 0.5	< 0.5	< 0.5	0.81 J	< 0.5	19.74	4.9
		07/06/2012	Primary	< 0.5	3.1	4.7	2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	9.6	19.4	7.4
		09/14/2012	Primary	< 0.5	1.1	2.1	0.83	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	17	21.03	5.8 J
		12/14/2012	Primary	< 1	2.7	2.4	1.9	< 1	< 1	< 1	< 1	< 1	< 1	79	86	16 J
		03/22/2013	Primary	< 1	2.3	4.3	1.9	< 1	< 1	< 1	< 1	< 1 J	< 1	< 1	8.5	31
		08/07/2013	Primary	< 0.5	3.6	6.8	0.66	< 0.3	< 0.5	< 0.3	< 0.5	< 0.3	< 0.4	< 0.2	11.06	25
		10/29/2013	Primary	0.55	34	7.1	0.37 J	1.1	< 0.5	1	< 0.5	< 0.3	0.6	0.54	45.26	1.9 J
		12/17/2013	Primary	< 0.5	2.8	8.4	1.5	< 0.3	< 0.5	< 0.3	< 0.5	< 0.3	0.62	< 0.2	13.32	55
		07/31/2014	Primary	< 0.5	1.1	6.9	0.77	< 0.3	< 0.5	< 0.3	< 0.5	< 0.3	< 0.4	< 0.2	8.77	30
		12/09/2014	Primary	< 0.5	21	73	16	0.72	0.91	1.1	< 0.5	< 0.3	2.5	< 0.2	115.23	28
DPE-4	32.8 - 47.1 (ft)	09/14/2012	Primary	< 2	4.8	40	12	< 2	< 2	< 2	< 2	< 2	< 2	190	246.8	8.8 J
		12/14/2012	Primary	1.1	33	42	8.6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	22	106.7	8.9
		03/22/2013	Primary	< 1	7.3	26	8.6	< 1	< 1	< 1	< 1	< 1 J	< 1	54	95.9	35
		10/29/2013	Primary	0.52	2.3	7.9	12	< 0.3	< 0.5	0.46 J	< 0.5	< 0.3	< 0.4	< 0.2	23.18	21
		12/17/2013	Primary	< 0.5	3	9	2	< 0.3	< 0.5	0.3 J	< 0.5	< 0.3	0.58	< 0.2	14.88	48
		07/31/2014	Primary	< 0.5	9.3	41	5.5	1.2	0.67	0.56	2.3	< 0.3	2.1	0.37 J	63	22
		12/09/2014	Primary	< 0.5	20	71	17	0.62	2.3	1.2	< 0.5	< 0.3	2.2	< 0.2	114.32	31

TABLE XI
ANALYTICAL RESULTS FOR CHEMICALS OF CONCERN AND 1,4-DIOXANE IN PERCHED (OU2) GROUNDWATER SAMPLES
COOPER DRUM COMPANY SUPERFUND SITE
SOUTH GATE, CALIFORNIA

Well ID	Screened Interval	Sample Date	Sample Type	PCE µg/L	TCE µg/L	cDCE µg/L	1,1-DCA µg/L	1,2-DCA µg/L	VC µg/L	1,1-DCE µg/L	1,2-DCP µg/L	1,2,3-TCP µg/L	tDCE µg/L	Benzene µg/L	Total VOCs µg/L	1,4-Dioxane µg/L
DPE-5	32.6 - 47.1 (ft)	05/22/2012	Primary	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	ND	7.7 J
		07/06/2012	Primary	< 0.5	6.6	70	36	< 0.5	< 0.5	1.3	< 0.5	< 0.5	< 0.5	1.6	115.5	17
		09/14/2012	Primary	< 2	39	220	58	< 2	< 2	3.3	< 2	< 2	3.2	7.9	331.4	17 J
		12/14/2012	Primary	< 2	330	190	46	< 2	< 2	3.2	< 2	< 2	5	< 2	574.2	55 J
		03/22/2013	Primary	< 1	4.2	130	23	< 1	< 1	< 1	< 1	< 1 J	2.5	< 1	159.7	53
		08/07/2013	Primary	< 0.5	4	18	7.1	1.1	0.92	< 0.3	< 0.5	< 0.3	1.2	< 0.2	32.32	54
		10/29/2013	Primary	< 2	150	420	37	< 1.2	< 2	3.8	< 2	< 1.2	3.8	< 0.8	614.6	28
		12/17/2013	Primary	< 0.5	17	140	21	< 0.3	< 0.5	1.3	< 0.5	< 0.3	1.8	< 0.2	181.1	59
		12/09/2014	Primary	< 0.5	23	86	26	< 0.3	1.8	1.6	< 0.5	< 0.3	1.2	< 0.2	139.6	41
		12/16/2015	Primary	< 0.5	13	38	3.6	0.89	< 0.5	< 0.3	2.1	< 0.3	2.7	< 0.2	60.29	13
DPE-6	32.6 - 47 (ft)	05/22/2012	Primary	< 0.5	3.5	57	15	0.76	1.7	0.61	< 0.5	< 0.5	1.5	< 0.5	80.07	190
		07/06/2012	Primary	0.85	19	89	32	1.6	2.3	1.3	< 0.5	1.2	3.1	1.7	152.05	160
		09/14/2012	Primary	< 10	78	710	180	< 10	15	< 10	< 10	< 10	18	12	1013	200 J
		12/14/2012	Primary	< 0.5	58	55	26	1.2	2.5	1.1	< 0.5	< 0.5	4.2	52	200	92 J
		03/22/2013	Primary	< 1	25	180	54	3	12	2.1	< 1	< 1 J	6	< 1	282.1	230
		08/07/2013	Primary	< 2.5	17	370	97	8.8	17	4	< 2.5	< 1.5	12	< 1	525.8	91
		10/29/2013	Primary	< 0.5	22	390	95	6.5	7.8	6	< 0.5	< 0.3	17	0.28 J	544.58	190
		12/17/2013	Primary	< 0.5	9.6	260	73	6.4	13	3.6	< 0.5	< 0.3	9.1	0.41 J	375.11	150
		07/31/2014	Primary	< 0.5	8.5	43	6.7	1.4	1.9	< 0.3	2.2	< 0.3	2	0.38 J	66.08	31
		12/09/2014	Primary	< 0.5	19	73	18	< 0.3	1.2	1.1	< 0.5	< 0.3	2.1	< 0.2	114.4	32
DPE-7	8 - 48 (ft)	06/21/2012	Primary	1.7	62	11	7.7	< 0.5	< 0.5	0.82	< 0.5	< 0.5	0.74	< 0.5	83.96	120 J
		06/21/2012	Duplicate	1.7	61	11	7.8	< 0.5	< 0.5	0.84	< 0.5	< 0.5	0.72	< 0.5	83.06	120 J
		07/05/2012	Primary	4	55	57	17	< 0.5	< 0.5	1.7	< 0.5	< 0.5	1.5	< 0.5	136.2	130
		09/14/2012	Primary	< 0.5	43	8.4	1	< 0.5	< 0.5	0.69	< 0.5	< 0.5	0.96	< 0.5	54.05	29
		08/07/2013	Primary	0.81	38	34	8.7	< 0.3	< 0.5	1.1	< 0.5	< 0.3	1.4	< 0.2	84.01	75
		10/29/2013	Primary	1.1	19	10	2.3	< 0.3	< 0.5	0.67	< 0.5	< 0.3	1.2	< 0.2	34.27	72
		12/17/2013	Primary	0.61	21	33	8.4	0.54	< 0.5	0.89	< 0.5	< 0.3	1.5	< 0.2	65.94	69
		07/31/2014	Primary	1.6	20	14	< 0.2	< 0.3	< 0.5	< 0.3	< 0.5	< 0.3	1.7	< 0.2	37.3	65
		12/09/2014	Primary	< 0.5	12	25	4.2	< 0.3	< 0.5	0.57	< 0.5	< 0.3	1.2	< 0.2	42.97	55
DPE-8	32.6 - 47 (ft)	05/23/2012	Primary	0.5	8	18	25	1.7	4.7	< 0.5	0.81	1.6	1.8	< 0.5	62.11	580
		07/06/2012	Primary	1.1	7.8	110	110	6.9	25	1.2	2.8	< 0.5	17	3	284.8	390
		09/14/2012	Primary	1	9.2	160	120	7.8	24	1.6	3.5	< 1	20	6.2	353.3	350 J
		12/14/2012	Primary	< 0.5	11	33	39	2.3	5.2	0.58	< 0.5	< 0.5	7.5	46	144.58	180 J
		03/22/2013	Primary	< 1	3.7	13	50	2.4	5.6	< 1	1.2	< 1 J	8.8	1.4	86.1	340
		08/07/2013	Primary	< 0.5	2.7	11	100	4.5	4.6	< 0.3	2.5	< 0.3	17	1	143.3	130
		10/29/2013	Primary	< 0.5	1.4	1.4	3.4	< 0.3	< 0.5	< 0.3	< 0.5	< 0.3	0.69	< 0.2	6.89	550
		12/17/2013	Primary	< 0.5	3	8	14	< 0.3	< 0.5	< 0.3	< 0.5	< 0.3	3	0.29 J	28.29	170
		07/31/2014	Primary	< 0.5	< 0.2	< 0.2	14	< 0.3	< 0.5	< 0.3	< 0.5	< 0.3	1.3	< 0.2	15.3	490
		12/09/2014	Primary	< 0.5	22	78	16	0.69	1.2	1.2	< 0.5	< 0.3	2.5	< 0.2	121.59	42

TABLE XI
ANALYTICAL RESULTS FOR CHEMICALS OF CONCERN AND 1,4-DIOXANE IN PERCHED (OU2) GROUNDWATER SAMPLES
COOPER DRUM COMPANY SUPERFUND SITE
SOUTH GATE, CALIFORNIA

Well ID	Screened Interval	Sample Date	Sample Type	PCE µg/L	TCE µg/L	cDCE µg/L	1,1-DCA µg/L	1,2-DCA µg/L	VC µg/L	1,1-DCE µg/L	1,2-DCP µg/L	1,2,3-TCP µg/L	tDCE µg/L	Benzene µg/L	Total VOCs µg/L	1,4-Dioxane µg/L
DPE-9	32.9 - 47.5 (ft)	05/24/2012	Primary	0.85	2.1	2.2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	5.15	< 0.97
		07/06/2012	Primary	1.6	3.2	4.8	0.76	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	0.58	10.94	18
		09/14/2012	Primary	2.1	2.6	3	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	0.67	8.37	13
		12/14/2012	Primary	0.99	1.9	3.5	2.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	0.51	0.68	10.08	18 J
		03/22/2013	Primary	< 1	1	1.6	< 1	< 1	< 1	< 1	< 1	< 1 J	< 1	< 1	2.6	21
		08/07/2013	Primary	< 0.5	2.3	4.1	0.55	< 0.3	< 0.5	< 0.3	< 0.5	< 0.3	< 0.4	< 0.2	6.95	-
		08/08/2013	Primary	-	-	-	-	-	-	-	-	-	-	-	ND	12
		10/29/2013	Primary	< 0.5	1.1	2.4	< 0.2	< 0.3	< 0.5	< 0.3	< 0.5	< 0.3	< 0.4	< 0.2	3.5	15
		12/17/2013	Primary	< 0.5	1.4	3.5	< 0.2	< 0.3	< 0.5	< 0.3	< 0.5	< 0.3	< 0.4	< 0.2	4.9	12
		07/31/2014	Primary	< 0.5	6.8	30	3.4	0.93	< 0.5	0.4 J	1.7	< 0.3	1.6	0.31 J	45.14	14
		12/09/2014	Primary	< 0.5	18	53	6.2	0.98	< 0.5	0.86	< 0.5	< 0.3	3	< 0.2	82.04	16
DPE-10	33 - 47.4 (ft)	05/25/2012	Primary	< 0.5	5	15	3.1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	0.62	< 0.5	23.72	21
		07/06/2012	Primary	0.72	9.5	27	8.9	< 0.5	< 0.5	< 0.5	1.1	< 0.5	1.2	< 0.5	48.42	23
		09/14/2012	Primary	0.79	5.6	10	1.6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	0.86	18.85	23
		12/14/2012	Primary	0.68	4.9	8.1	8.3	< 0.5	1.1	< 0.5	< 0.5	< 0.5	1.4	< 0.5	24.48	190 J
		03/22/2013	Primary	< 1	3	5.5	2	< 1	< 1	< 1	< 1	< 1 J	< 1	< 1	10.5	26
		08/08/2013	Primary	< 0.5	2.9	7.4	0.86	< 0.3	< 0.5	< 0.3	< 0.5	< 0.3	< 0.4	< 0.2	11.16	18
		10/29/2013	Primary	< 0.5	1.9	3	0.29 J	< 0.3	< 0.5	< 0.3	< 0.5	< 0.3	< 0.4	< 0.2	5.19	13
		12/17/2013	Primary	< 0.5	3.9	10	0.74	< 0.3	< 0.5	< 0.3	< 0.5	< 0.3	0.5	< 0.2	15.14	19
		07/31/2014	Primary	< 0.5	12	54	5.9	1.6	< 0.5	0.85	3	< 0.3	2.6	0.53	80.48	17
		12/09/2014	Primary	< 0.5	24	78	7.8	1.4	< 0.5	0.95	< 0.5	< 0.3	4.1	< 0.2	116.25	19
		06/17/2015	Primary	< 0.5	25	67	5.9	3.6 J	< 0.5	1	3.7	< 0.3	4.2	0.53	110.93	20
		3/23/2016	Primary	< 0.5	15	53	4.1	1.1	< 0.5	< 0.3	< 0.5	< 0.3	3.3	< 0.2	76.5	380
DPE-11	33 - 47.5 (ft)	05/23/2012	Primary	< 0.5	2.8	23	9.5	< 0.5	< 0.5	< 0.5	1.1	1.1	0.97	< 0.5	38.47	110
		05/23/2012	Duplicate	< 0.5	3.3	25	8.1	< 0.5	< 0.5	< 0.5	1	0.84	1	< 0.5	39.24	140
		07/06/2012	Primary	0.82	5	56	18	0.76	0.64	< 0.5	1.7	1.9	2.5	0.82	88.14	130
		09/14/2012	Primary	< 0.5	3.3	25	5.5	< 0.5	< 0.5	< 0.5	0.82	0.88	1.2	< 0.5	36.7	230 J
		12/14/2012	Primary	< 0.5	6.5	17	6.6	0.51	< 0.5	< 0.5	< 0.5	0.55	1.2	5.4	37.76	270 J
		03/22/2013	Primary	< 1	5.3	12	3.1	< 1	< 1	< 1	< 1	< 1 J	< 1	< 1	20.4	43
		08/07/2013	Primary	< 0.5	4.7	18	5	1.1	0.57	< 0.3	< 0.5	< 0.3	0.89	< 0.2	30.26	19
		10/29/2013	Primary	< 0.5	2.3	5.8	1.5	< 0.3	< 0.5	< 0.3	< 0.5	< 0.3	0.52	< 0.2	10.12	160
		12/17/2013	Primary	< 0.5	4.4	18	3.1	< 0.3	< 0.5	0.61	< 0.5	< 0.3	1.5	< 0.2	27.61	150
		07/31/2014	Primary	< 0.5	1.7	6.2	1.3	< 0.3	< 0.5	< 0.3	< 0.5	< 0.3	< 0.4	< 0.2	9.2	-
DPE-12	32.5 - 46.9 (ft)	05/23/2012	Primary	< 5	24	350	88	7.1	< 5	< 5	5.5	< 5	8.5	< 5	483.1	420
		07/06/2012	Primary	0.53	14	180	64	5.3	2.6	1.6	3	1.8	4.5	1.4	278.73	340
		09/14/2012	Primary	< 10	84	840	190	15	16	< 10	< 10	< 10	20	< 10	1165	370 J
		12/14/2012	Primary	< 0.5	52	150	44	2.7	4.4	2.3	< 0.5	< 0.5	7.3	28	290.7	150 J
		03/22/2013	Primary	< 1	32 J	140 J	32 J	2.5 J	2.7 J	1.4 J	< 1	< 1 J	4.3 J	< 1	214.9	430 J
		10/29/2013	Primary	< 0.5	11	38	9.1	0.39 J	1.1	0.48 J	< 0.5	< 0.3	1.5	< 0.2	61.57	160
		12/17/2013	Primary	< 0.5	27	300	60	4.2	6.2	3.2	< 0.5	< 0.3	9.2	0.86	410.66	190
		07/31/2014	Primary	< 0.5	6.7	35	5.1	1.2	0.62	< 0.3	1.5	< 0.3	1.6	0.3 J	52.02	30
		12/09/2014	Primary	< 0.5	21	82	17	0.74	0.97	1.2	< 0.5	< 0.3	2.8	< 0.2	125.71	32

TABLE XI
ANALYTICAL RESULTS FOR CHEMICALS OF CONCERN AND 1,4-DIOXANE IN PERCHED (OU2) GROUNDWATER SAMPLES
COOPER DRUM COMPANY SUPERFUND SITE
SOUTH GATE, CALIFORNIA

Well ID	Screened Interval	Sample Date	Sample Type	PCE µg/L	TCE µg/L	cDCE µg/L	1,1-DCA µg/L	1,2-DCA µg/L	VC µg/L	1,1-DCE µg/L	1,2-DCP µg/L	1,2,3-TCP µg/L	tDCE µg/L	Benzene µg/L	Total VOCs µg/L	1,4-Dioxane µg/L
DPE-13	33 - 47.5 (ft)	05/25/2012	Primary	< 0.5	**42**	**5.4**	**1.4**	< 0.5	< 0.5	**0.72**	< 0.5	< 0.5	**0.69**	< 0.5	**50.21**	**31**
		07/05/2012	Primary	**1.1**	**55**	**22**	**5.4**	**1.8**	< 0.5	**1.6**	< 0.5	< 0.5	**1.8**	< 0.5	**88.7**	**77**
		09/14/2012	Primary	**14**	**53**	**31**	**13**	< 0.5	< 0.5	**1.4**	< 0.5	< 0.5	**1.3**	**0.52**	**114.22**	**89**
		12/14/2012	Primary	< 0.5	**47**	**12**	**0.61**	< 0.5	< 0.5	**0.76**	< 0.5	< 0.5	**1.4**	< 0.5	**61.77**	**21 J**
		03/22/2013	Primary	< 1	**46 J**	**11 J**	< 1	< 1	< 1	< 1	< 1	< 1 J	**1.7 J**	< 1	**58.7**	**24 J**
		08/07/2013	Primary	< 0.5	**26**	**11**	< 0.2	< 0.3	< 0.5	< 0.3	< 0.5	< 0.3	**1.1**	< 0.2	**38.1**	**20**
		10/29/2013	Primary	< 0.5	**4.4**	**7.4**	**1.3**	< 0.3	< 0.5	< 0.3	< 0.5	< 0.3	< 0.4	< 0.2	**13.1**	**63**
		12/17/2013	Primary	< 0.5	**20**	**11**	< 0.2	< 0.3	< 0.5	**0.6**	< 0.5	< 0.3	**1.4**	< 0.2	**33**	**28**
		07/31/2014	Primary	< 0.5	**9.1**	**10**	< 0.2	< 0.3	< 0.5	< 0.3	< 0.5	< 0.3	**0.99**	< 0.2	**20.09**	**9.1**
		12/09/2014	Primary	< 0.5	**16**	**26**	**4**	< 0.3	< 0.5	**0.81**	< 0.5	< 0.3	**1.6**	< 0.2	**48.41**	**47**
DPE-14	33.9 - 48.4 (ft)	07/05/2012	Primary	< 0.5	**35**	**13**	**1.3**	**3.9**	< 0.5	**1.3**	< 0.5	< 0.5	**2.3**	< 0.5	**56.8**	**77**
		09/14/2012	Primary	**0.5**	**31**	**11**	**0.54**	**2.9**	< 0.5	**1.1**	< 0.5	< 0.5	**1.9**	**0.75**	**49.69**	**64**
		12/14/2012	Primary	**0.6**	**32**	**11**	< 0.5	**2.7**	< 0.5	**0.91**	< 0.5	< 0.5	**1.7**	< 0.5	**48.91**	**73 J**
		03/22/2013	Primary	< 1	**33**	**10**	< 1	**2.7**	< 1	< 1	< 1	< 1 J	**2.1**	< 1	**47.8**	**97**
		08/07/2013	Primary	< 0.5	**8**	**4.4**	< 0.2	**1.3**	< 0.5	< 0.3	< 0.5	< 0.3	**0.63**	< 0.2	**14.33**	**46**
		10/29/2013	Primary	< 0.5	**12**	**5.9**	< 0.2	**0.54**	< 0.5	< 0.3	< 0.5	< 0.3	**0.82**	< 0.2	**19.26**	**60**

Notes:
1. Results are reported in micrograms per liter (µg/L).
2. Samples were analyzed for volatile organic compounds (VOCs) using Environmental Protection Agency (EPA) Method 8260B and 1,4-dioxane using EPA Method 8270C-isotope dilution.
3. Detected concentrations are shown in BOLD font.

Abbreviations:
- = not applicable
< = not detected at or above the laboratory reporting limit shown.
ft bgs = feet below ground surface
J = The associated result is quantitatively uncertain. J qualifiers added during validation indicate a data limitation related to a quality control element that exceeds required acceptance limits.
ND = Not detected greater than the laboratory reporting limit

1,1-DCA = 1,1-Dichloroethane
1,1-DCE = 1,1-Dichloroethene
1,2-DCA = 1,2-Dichloroethane
1,2-DCP = 1,2-Dichloropropane
1,2,3-TCP = 1,2,3-Trichloropropane
tDCE = trans-1,2-Dichloroethene

VC = Vinyl chloride
1,1-DCA = 1,1-Dichloroethane
1,2-DCA = 1,2-Dichloroethane
1,2-DCP = 1,2-Dichloropropane
VOCs = volatile organic compounds
1,2,3-TCP = 1,2,3-Trichloropropane

TABLE XII
ANALYTICAL RESULTS FOR CHEMICALS OF CONCERN IN GROUNDWATER TREATMENT SYSTEM SAMPLES
COOPER DRUM COMPANY SUPERFUND SITE
SOUTH GATE, CALIFORNIA

Location ID	Sample Date	PCE µg/L	TCE µg/L	cDCE µg/L	1,1-DCA µg/L	1,2-DCA µg/L	VC µg/L	1,1-DCE µg/L	1,2-DCP µg/L	1,2,3-TCP µg/L	tDCE µg/L	Benzene µg/L	1,4-Dioxane µg/L	Total COCs µg/L
LINF	03/15/2012	0.68	2.5	18	5.9	2.7	1.8	0.63	< 0.5	< 0.5	1.6	1.7	19	54.51
	04/25/2012	1.3	22	42	16	3.4	2.1	0.9	0.92	< 0.5	2.3	0.66	89 J	180.58
	05/22/2012	1.1	38	9.6	3.9	1.7	< 0.5	0.67	< 0.5	< 0.5	0.89	< 0.5	140	195.86
	06/22/2012	1.8	31	10	3.5	0.96	< 0.5	0.79	< 0.5	< 0.5	1	0.6	90	139.65
	07/05/2012	1	34	23	5.9	1.6	< 0.5	0.67	< 0.5	< 0.5	1.4	< 0.5	140	207.57
	07/23/2012	< 0.5	15	26	5.3	1.6	2.5	1.6	< 0.5	< 0.5	1.3	1.3	< 100	54.6
	08/07/2012	1.1	31	13	3.5	0.97	< 0.5	0.52	< 0.5	< 0.5	0.86	< 0.5	110	160.95
	08/17/2012	< 0.5	14	25	5.1	1.5	3.4	2	< 0.5	< 0.5	1.5	1.5	15 J	69
	08/24/2012	< 0.5	13	27	5.8	1.4	3	1.6	< 0.5	< 0.5	1.4	1.2	19 J	73.4
	09/07/2012	< 0.5	19	41	7	1.3	2	2.4	< 0.5	< 0.5	2.1	1.5	20 J	96.3
	09/14/2012	< 0.5	13	40	5.9	1.5	2.4	1.7	0.8	< 0.5	1.9	1.4	15 J	83.6
	10/16/2012	< 0.5	21	36	5.4	1.5	1.6	1.9	< 0.5	< 0.5	1.9	1.9	< 100 J	71.2
	11/20/2012	< 0.5	23	21	5.2	1.1	< 0.5	0.55	< 0.5	< 0.5	0.75	< 0.5	57 J	108.6
	12/14/2012	< 0.5	8.9	19	2.4	0.89	0.75	0.65	< 0.5	< 0.5	0.75	1.3	21 J	55.64
	01/16/2013	< 0.5	8	27	3.3	1.4	1.4 J	0.91	< 0.5	< 0.5	0.97	1.8	20	64.78
	02/28/2013	< 0.5	8.8	40	4.1	2.1	2.1	1.7	< 0.5	< 0.5	2.1	4.6	14	79.5
	04/05/2013	< 1	8.3	31	3.4	1.8	1.6	1.5	< 1	< 1	1.7	2.1	20	71.4
	04/23/2013	< 1	11	39	4.2	2	1.7	2.5	< 1	< 1	2.1	3	20	85.5
	05/21/2013	< 0.5	9	43	5.2	1.7	1.8	2.4	< 0.5	< 0.3	2.6	2.6	18	86.3
	06/25/2013	< 0.5	9.4	39	5.3	1.7	2.2	2.4	< 0.5	< 0.3	2.4	2.2	17	81.6
	07/30/2013	0.75	12	35	4.3	1.5	2.5	2	0.58	1.1	2.3	0.61	16	78.64
	08/29/2013	< 0.5	7.5	36	4.4	1.6	1.2	1.8	< 0.5	< 0.3	1.9	1.6	16	72
	09/24/2013	< 0.5	6.3	30	3	< 0.3	1.6	1.6	< 0.5	< 0.3	1.8	1.2	16	61.5
	10/29/2013	< 0.5	6.3	25	2.7	1	1.1	1.6	< 0.5	< 0.3	1.7	1.2	21	61.6
	11/25/2013	< 0.5	7.7	34	3.8	1.4	1.5	2.3	< 0.5	< 0.3	2.6	1.6	18	72.9
	12/16/2013	< 0.5	7.6	33 J	4	2	1.4	< 0.3	< 0.5	< 0.3	2.1	1.7	20	71.8
	01/27/2014	< 0.5	5.8	34	3.2	1.3	1.6	2.6	< 0.5	< 0.3	2.2	1.8	17	69.5
	02/24/2014	< 0.5	4.4	33	3.4	1.4	0.85	1.7	< 0.5	< 0.3	2.2	1.8	18	66.75
	03/24/2014	< 0.5	3.6	35	3.1	1.4	0.95	1.6	< 0.5	< 0.3	2	1.9	17	66.55
	04/29/2014	< 0.5	2.4	30	2.4	1.1	0.78	1.2	< 0.5	< 0.3	1.6	1.6	18	59.08
	05/29/2014	< 0.5	3.4	30	2.4	1.2	0.78	1.2	< 0.5	< 0.3	2	1.5	16	58.48
	06/26/2014	< 0.5	3.4	27	2.7	1.3	1	1.2	< 0.5	< 0.3	2.2	1.4	16	56.2
LGACI	12/14/2012	< 0.5	< 0.5	< 0.5	1.3	0.53	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.95	1.83
	01/16/2013	< 0.5	< 0.5	< 0.5	2.3	1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.95	3.3
	02/28/2013	< 0.5	< 0.5	< 0.5	3.2	1.6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	1.8	6.6
	04/05/2013	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	5.8	5.8
	04/23/2013	< 1	< 1	< 1	4	1.7	< 1	< 1	< 1	< 1	< 1	< 1	1.9	7.6
	05/21/2013	< 0.5	< 0.2	< 0.2	2.8	0.78	< 0.5	< 0.3	< 0.5	< 0.3	< 0.4	< 0.2	< 1	3.58
	06/25/2013	< 0.5	< 0.2	< 0.2	4.3	1.4	< 0.5	< 0.3	< 0.5	< 0.3	< 0.4	< 0.2	1.7 J	7.4
	07/30/2013	0.5	< 0.2	0.34 J	3.6	1.2	< 0.5	< 0.3	< 0.5	< 0.3	< 0.4	< 0.2	1.5 J	7.14

TABLE XII
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COOPER DRUM COMPANY SUPERFUND SITE
SOUTH GATE, CALIFORNIA

Location ID	Sample Date	PCE µg/L	TCE µg/L	cDCE µg/L	1,1-DCA µg/L	1,2-DCA µg/L	VC µg/L	1,1-DCE µg/L	1,2-DCP µg/L	1,2,3-TCP µg/L	tDCE µg/L	Benzene µg/L	1,4-Dioxane µg/L	Total COCs µg/L
LGACI	08/29/2013	< 0.5	< 0.2	< 0.2	**3.2**	**1.3**	< 0.5	< 0.3	< 0.5	< 0.3	< 0.4	< 0.2	**1.2 J**	**5.7**
	09/24/2013	< 0.5	< 0.2	< 0.2	< 0.2	< 0.3	< 0.5	< 0.3	< 0.5	< 0.3	< 0.4	< 0.2	**1.1 J**	**1.1**
	10/29/2013	< 0.5	**0.21 J**	**0.54**	**3.1**	**0.91**	< 0.5	< 0.3	< 0.5	< 0.3	< 0.4	< 0.2	**2.5**	**7.26**
	11/25/2013	< 0.5	**0.33 J**	**0.69**	**2.9**	**1.1**	< 0.5	< 0.3	< 0.5	< 0.3	< 0.4	< 0.2	**3.9**	**8.92**
	12/16/2013	< 0.5	< 0.2	**0.33 J**	**3**	**1.3**	< 0.5	< 0.3	< 0.5	< 0.3	< 0.4	< 0.2	**2.6**	**7.23**
	01/27/2014	< 0.5	< 0.2	**2.2**	**0.39 J**	< 0.3	< 0.5	< 0.3	< 0.5	< 0.3	< 0.4	< 0.2	**17**	**19.59**
	02/24/2014	< 0.5	< 0.2	**0.39 J**	**2.4**	**1.1**	< 0.5	< 0.3	< 0.5	< 0.3	< 0.4	< 0.2	< 1	**3.89**
	03/24/2014	< 0.5	< 0.2	< 0.2	< 0.2	< 0.3	< 0.5	< 0.3	< 0.5	< 0.3	< 0.4	< 0.2	**1.7 J**	**1.7**
	04/29/2014	< 0.5	< 0.2	< 0.2	**1.6**	< 0.3	< 0.5	< 0.3	< 0.5	< 0.3	< 0.4	< 0.2	**1.3 J**	**2.9**
	05/29/2014	< 0.5	< 0.2	< 0.2	**1.9**	**0.85**	< 0.5	< 0.3	< 0.5	< 0.3	< 0.4	< 0.2	**1.2 J**	**3.95**
	06/26/2014	< 0.5	< 0.2	< 0.2	**0.46 J**	**0.88**	< 0.5	< 0.3	< 0.5	< 0.3	< 0.4	< 0.2	< 1	**1.34**
LGACI (DPE-INF)	07/31/2014	< 0.5	**5**	**8.3**	**1.4**	< 0.3	< 0.5	< 0.3	< 0.5	< 0.3	**0.64**	< 0.2	**40**	**55.34**
	08/27/2014	< 0.5	**4.8**	**9.1**	**1.1**	< 0.3	< 0.5	< 0.3	< 0.5	< 0.3	< 0.4	< 0.2	**36**	**51**
	09/22/2014	< 0.5	**4.8**	**9.6**	**1.8**	< 0.3	< 0.5	< 0.3	< 0.5	< 0.3	**0.63**	< 0.2	**45**	**61.83**
	10/23/2014	< 0.5	**5.5**	**8.6**	**1.4**	< 0.3	< 0.5	< 0.3	< 0.5	< 0.3	**0.56**	< 0.2	**39**	**55.06**
	11/24/2014	< 0.5	**4.5**	**7.8**	**1.5**	< 0.3	< 0.5	< 0.3	< 0.5	< 0.3	< 0.4	< 0.2	**50**	**63.8**
	12/10/2014	< 0.5	**6.3**	**11**	**2.1**	< 0.3	< 0.5	< 0.3	< 0.5	< 0.3	**0.66**	< 0.2	**48**	**68.06**
	01/20/2015	< 0.5	**5.6**	**11**	**1.8**	< 0.3	< 0.5	< 0.3	< 0.5	< 0.3	**0.57**	< 0.2	**72**	**90.97**
	02/17/2015	< 0.5	**4.7**	**8.9**	**0.92**	< 0.3	< 0.5	< 0.3	< 0.5	< 0.3	**0.51**	< 0.2	**52**	**67.03**
	03/26/2015	< 0.5	**2.3**	**2.7**	< 0.2	< 0.3	< 0.5	< 0.3	< 0.5	< 0.3	< 0.4	< 0.2	**18**	**23**
	04/30/2015	< 0.5	**0.78**	**3.3**	**0.41 J**	< 0.3	< 0.5	< 0.3	< 0.5	< 0.3	< 0.4	< 0.2	**10**	**14.49**
	05/28/2015	< 0.5	**0.31 J**	**0.32 J**	< 0.2	< 0.3	< 0.5	< 0.3	< 0.5	< 0.3	< 0.4	< 0.2	**7.4**	**8.03**
	06/16/2015	< 0.5	**1.8**	**12**	**1.3**	**1.3 J**	**0.95**	**0.7**	< 0.5	< 0.3	**0.86**	**0.82**	**20**	**39.73**
	07/07/2015	< 0.5	**1**	**3.6**	**0.45 J**	< 0.3	< 0.5	< 0.3	< 0.5	< 0.3	< 0.4	< 0.2	**18**	**23.05**
	08/26/2015	< 0.5	**1.3**	**3.6**	**0.48 J**	< 0.3	< 0.5	< 0.3	< 0.5	< 0.3	< 0.4	< 0.2	**10**	**15.38**
	09/16/2015	< 0.5	**1**	**3**	**0.38 J**	< 0.3	< 0.5	< 0.3	< 0.5	< 0.3	< 0.4	< 0.2	**5**	**9.38**
	10/14/2015	< 0.5	< 0.2	**0.44 J**	< 0.2	< 0.3	< 0.5	< 0.3	< 0.5	< 0.3	< 0.4	< 0.2	**26**	**26.44**
	11/18/2015	< 0.5	**0.86**	**3.9**	< 0.2	< 0.3	< 0.5	< 0.3	< 0.5	< 0.3	< 0.4	< 0.2	**12**	**16.76**
	12/09/2015	< 0.5	**1.4**	**3.5**	< 0.2	< 0.3	< 0.5	< 0.3	< 0.5	< 0.3	< 0.4	< 0.2	**46**	**50.9**
	01/13/2016	< 0.5	< 0.2	**2.1**	< 0.2	< 0.3	< 0.5	< 0.3	< 0.5	< 0.3	< 0.4	< 0.2	**42**	**44.1**
	02/17/2016	< 0.5	**0.47 J**	**1.1**	< 0.2	< 0.3	< 0.5	< 0.3	< 0.5	< 0.3	< 0.4	< 0.2	**51**	**52.57**
	03/23/2016	< 0.5	< 0.2	< 0.2	< 0.2	< 0.3	< 0.5	< 0.3	< 0.5	< 0.3	< 0.4	< 0.2	**34**	**34**
	04/20/2016	< 0.5	< 0.2	< 0.2	< 0.2	< 0.3	< 0.5	< 0.3	< 0.5	< 0.3	< 0.4	< 0.2	**30**	**30**
	05/18/2016	< 0.5	< 0.2	< 0.2	< 0.2	< 0.3	< 0.5	< 0.3	< 0.5	< 0.3	< 0.4	< 0.2	**23**	**23**
	06/08/2016	< 0.5	< 0.2	< 0.2	< 0.2	< 0.3	< 0.5	< 0.3	< 0.5	< 0.3	< 0.4	< 0.2	**12**	**12**
	07/20/2016	< 0.5	< 0.2	**0.48 J**	< 0.2	< 0.3	< 0.5	< 0.3	< 0.5	< 0.3	< 0.4	< 0.2	**13**	**13.48**
	08/17/2016	< 0.5	< 0.2	< 0.2	< 0.2	< 0.3	< 0.5	< 0.3	< 0.5	< 0.3	< 0.4	< 0.2	**8.4**	**8.4**
	09/28/2016	< 0.5	< 0.2	< 0.2	< 0.2	< 0.3	< 0.5	< 0.3	< 0.5	< 0.3	< 0.4	< 0.2	**4.4**	**4.4**
	10/12/2016	< 0.5	< 0.2	< 0.2	< 0.2	< 0.3	< 0.5	< 0.3	< 0.5	< 0.3	< 0.4	< 0.2	**3.4**	**3.4**

TABLE XII
ANALYTICAL RESULTS FOR CHEMICALS OF CONCERN IN GROUNDWATER TREATMENT SYSTEM SAMPLES
COOPER DRUM COMPANY SUPERFUND SITE
SOUTH GATE, CALIFORNIA

Location ID	Sample Date	PCE µg/L	TCE µg/L	cDCE µg/L	1,1-DCA µg/L	1,2-DCA µg/L	VC µg/L	1,1-DCE µg/L	1,2-DCP µg/L	1,2,3-TCP µg/L	tDCE µg/L	Benzene µg/L	1,4-Dioxane µg/L	Total COCs µg/L
EW-INF	07/31/2014	< 0.5	4	30	3.2	1.3	1.9	2.2	< 0.5	< 0.3	2	2.9	14	61.5
	08/27/2014	< 0.5	4.2	32	4	2	2.5	2.2	< 0.5	< 0.3	1.9	2.3	16	67.1
	09/22/2014	< 0.5	3.5	33	3.5	1.7	2.3	2.4	< 0.5	< 0.3	2.2	2.3	17	67.9
	10/23/2014	< 0.5	3.4	35	3.6	1.6	2.5	2.3	< 0.5	< 0.3	2.4	2.4	16	69.2
	11/24/2014	< 0.5	3.2	35	4.2	2.3	3.2	2.9	< 0.5	< 0.3	2.4	2.4	16	71.6
	12/10/2014	< 0.5	2.3	31	2.7	1.3	1.9	2	< 0.5	< 0.3	2	2.1	16	61.3
	01/20/2015	< 0.5	2.7	32	3.6	1	2.4	2.4	< 0.5	< 0.3	2.4	2.2	16	64.7
	02/17/2015	< 0.5	3	33	2.8	1.3	2.2	2.2	< 0.5	< 0.3	2.2	2.2	16	64.9
	03/26/2015	< 0.5	2.8	31	2.9	1.8	2.6	2	< 0.5	< 0.3	1.9	1.9	16	62.9
	05/28/2015	0.83	4.8	30	3.8	1.9	2.3	1.7	< 0.5	< 0.3	2.6	2.3	18	68.23
	06/16/2015	< 0.5	4	37	2.8	2.3 J	2.7	2.7	< 0.5	< 0.3	2.4	2	18	73.9
	07/07/2015	< 0.5	4.4	40	4.2	2.2	4.7	3.3	0.55	< 0.3	3.3	2.9	19	84.55
	08/26/2015	< 0.5	3.4	43	4.1	1.7	2.6	2	< 0.5	< 0.3	3.1	2.9	19	81.8
	09/16/2015	< 0.5	1.5	17	2.6	0.83	0.55	0.89	< 0.5	< 0.3	< 0.4	1.6	16	40.97
	10/14/2015	< 0.5	3.2	31	3	0.97	2.3	2.4	< 0.5	< 0.3	3.5	2.9	11	60.27
	11/18/2015	< 0.5	4.3	35	1.8	2.7	1.6	0.93	< 0.5	< 0.3	4.4	1.9	13	65.63
	12/09/2015	< 0.5	3.6	27	0.91	2.5	1.2	1.4	< 0.5	< 0.3	3.9	1.9	10	52.41
	01/13/2016	< 0.5	4	30	1.6	2.4	< 0.5	0.91	< 0.5	< 0.3	3	2.1	11	55.01
	02/17/2016	< 0.5	2.7	27	1.5	1.4	1.2	1.6	< 0.5	< 0.3	4.2	1.8	14	55.4
	03/23/2016	< 0.5	4.1	31	0.54	1.8	0.54	0.36 J	< 0.5	< 0.3	4.8	2	13	58.14
	04/20/2016	< 0.5	2.5	30	1.2	2	0.88	1	< 0.5	< 0.3	4.5	2.2	15	59.28
	05/18/2016	< 0.5	1.9	37	0.93	2.7	1.2	1.4	< 0.5	< 0.3	4.5	1.9	16	67.53
	06/08/2016	< 0.5	4	40	1.9	2.3	1.2	1.9	< 0.5	< 0.3	6.2	2.1	9.8	69.4
	07/20/2016	< 0.5	3.9	39	2	2.2	1.2	1.8	< 0.5	< 0.3	5.5	2.4	7.3	65.3
	08/17/2016	< 0.5	3.9	48	2.4	2.3	1.6	2.2	< 0.5	< 0.3	7.2	2.2	11	80.8
	09/28/2016	< 0.5	3.3	44	2.4	2.3	1.3	2.1	< 0.5	< 0.3	5.8	2.3	9.7	73.2
	10/12/2016	< 0.5	3.5	43	2.2	2.2	1.3	2	< 0.5	< 0.3	6.2	3.4	9.6	73.4
	11/16/2016	< 0.5	2.9	47	2.7	1.8	1.3	2.8	< 0.5	< 0.3	6.3	3	13	80.8
	12/14/2016	< 0.5	2.3	43	1.6	2.2	0.97	1.3	< 0.5	< 0.3	5.1	2.2	11	69.67
	01/25/2017	< 0.5	4.2	38	2.1	1.3	1.8	2	< 0.5	< 0.3	5.6	1.5	12	68.5
	02/22/2017	< 0.5	2.6	47	2.2	1.9	1.5	1.7	< 0.5	< 0.3	4.6	2.1	13	76.6
	03/15/2017	< 0.5	2.1	48	2.2	2.1	2	2	< 0.5	< 0.3	6.4	1.7	11	77.5
	04/12/2017	< 0.5	2	50	2.1	1.4	0.97	0.96	< 0.5	< 0.3	6.6	1.9	11	76.93
	05/17/2017	< 0.5	1.8	39	1.8	2.3	1.8	1.6	< 0.5	< 0.3	5.4	1.3	11	66
	06/21/2017	< 0.5	3.9	45	2.4	1.2	1.1	1.2	< 0.5	< 0.3	5.1	1.7	14	75.6
	07/26/2017	< 0.5	1.7	52	1.9	1.4	1.8	1.2	< 0.5	< 0.3	5.4	2.1	10	77.5
	08/16/2017	< 0.5	1.8	50	2.8	1.6	1.6	1.9	< 0.5	< 0.3	6.6	1.8	12	80.1
	09/22/2017	< 0.5	4.2	85	4.4	2.7	4.1	2.8	< 0.5	< 0.3	7.4	2.8	11	124.4

TABLE XII
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COOPER DRUM COMPANY SUPERFUND SITE
SOUTH GATE, CALIFORNIA

Location ID	Sample Date	PCE µg/L	TCE µg/L	cDCE µg/L	1,1-DCA µg/L	1,2-DCA µg/L	VC µg/L	1,1-DCE µg/L	1,2-DCP µg/L	1,2,3-TCP µg/L	tDCE µg/L	Benzene µg/L	1,4-Dioxane µg/L	Total COCs µg/L
EW-INF	10/11/2017	< 0.5	**2.6**	**49**	**2.5**	**2.3**	**1.2**	**1.6**	< 0.5	< 0.3	**5.5**	**4.1**	**11**	**79.8**
	11/29/2017	< 0.5	**2.5**	**49**	**2.2**	**2.1**	**1.2**	**1.4**	< 0.5	< 0.3	**4.5**	**1.9**	**9.2**	**74**
	12/13/2017	< 0.5	**6.5**	**57**	**3.5**	**1.9**	**0.97**	**1.6**	< 0.5	< 0.3	**5.8**	**1.3**	**13**	**91.57**
HIPOXD	04/25/2012	< 0.5	< 0.5	< 0.5	< 0.5	**120**	**4.9**	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.96 J	**124.9**
	05/22/2012	< 0.5	< 0.5	< 0.5	< 0.5	**130**	**4.9**	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.97	**134.9**
	07/23/2012	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.95	ND
	08/17/2012	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.96	ND
	08/24/2012	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.96	ND
	09/07/2012	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.96	ND
	09/14/2012	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.95 J	ND
LGACM	04/25/2012	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.96 J	ND
	05/22/2012	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.97	ND
	06/22/2012	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.96 J	ND
	07/05/2012	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.95	ND
	07/23/2012	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.96	ND
	08/07/2012	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.96	ND
	08/17/2012	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.95	ND
	08/24/2012	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.96	ND
	09/07/2012	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	**4.7**	**4.7**
	09/14/2012	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	**7.7 J**	**7.7**
	10/16/2012	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	**18**	**18**
	11/20/2012	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.95	ND
	12/14/2012	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 0.95	ND
	01/16/2013	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	**2.1**	**2.1**
	02/28/2013	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	**3.7**	**3.7**
	04/05/2013	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	**5.2**	**5.2**
	04/23/2013	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	**5.3**	**5.3**
	05/21/2013	< 0.5	< 0.2	< 0.2	**0.46 J**	< 0.3	< 0.5	< 0.3	< 0.5	< 0.3	< 0.4	< 0.2	**2**	**2.46**
	06/25/2013	< 0.5	< 0.2	< 0.2	< 0.2	< 0.3	< 0.5	< 0.3	< 0.5	< 0.3	< 0.4	< 0.2	< 1	ND
	07/30/2013	< 0.5	< 0.2	< 0.2	< 0.2	< 0.3	< 0.5	< 0.3	< 0.5	< 0.3	< 0.4	< 0.2	**1.8 J**	**1.8**
	08/29/2013	< 0.5	< 0.2	< 0.2	**0.43 J**	< 0.3	< 0.5	< 0.3	< 0.5	< 0.3	< 0.4	< 0.2	**1.2 J**	**1.63**
	09/24/2013	< 0.5	< 0.2	< 0.2	**1**	< 0.3	< 0.5	< 0.3	< 0.5	< 0.3	< 0.4	< 0.2	**1.2 J**	**2.2**
	10/29/2013	< 0.5	< 0.2	< 0.2	**0.43 J**	< 0.3	< 0.5	< 0.3	< 0.5	< 0.3	< 0.4	< 0.2	**2.6**	**3.03**
	11/25/2013	< 0.5	< 0.2	< 0.2	**0.95**	< 0.3	< 0.5	< 0.3	< 0.5	< 0.3	< 0.4	< 0.2	**2.4**	**3.35**
	12/16/2013	< 0.5	< 0.2	< 0.2 J	**1.3**	**0.64**	< 0.5	< 0.3	< 0.5	< 0.3	< 0.4	< 0.2	**2.8**	**4.74**
	02/24/2014	< 0.5	< 0.2	< 0.2	< 0.2	< 0.3	< 0.5	< 0.3	< 0.5	< 0.3	< 0.4	< 0.2	< 1	ND
	04/29/2014	< 0.5	< 0.2	< 0.2	< 0.2	< 0.3	< 0.5	< 0.3	< 0.5	< 0.3	< 0.4	< 0.2	**1.4 J**	**1.4**
	05/29/2014	< 0.5	< 0.2	< 0.2	< 0.2	< 0.3	< 0.5	< 0.3	< 0.5	< 0.3	< 0.4	< 0.2	**1.4 J**	**1.4**
	06/26/2014	< 0.5	< 0.2	< 0.2	< 0.2	< 0.3	< 0.5	< 0.3	< 0.5	< 0.3	< 0.4	< 0.2	**1.7 J**	**1.7**
	07/31/2014	< 0.5	< 0.2	< 0.2	< 0.2	< 0.3	< 0.5	< 0.3	< 0.5	< 0.3	< 0.4	< 0.2	**2.1**	**2.1**

TABLE XII
ANALYTICAL RESULTS FOR CHEMICALS OF CONCERN IN GROUNDWATER TREATMENT SYSTEM SAMPLES
COOPER DRUM COMPANY SUPERFUND SITE
SOUTH GATE, CALIFORNIA

Location ID	Sample Date	PCE µg/L	TCE µg/L	cDCE µg/L	1,1-DCA µg/L	1,2-DCA µg/L	VC µg/L	1,1-DCE µg/L	1,2-DCP µg/L	1,2,3-TCP µg/L	tDCE µg/L	Benzene µg/L	1,4-Dioxane µg/L	Total COCs µg/L
LGACM	08/27/2014	< 0.5	< 0.2	< 0.2	< 0.2	< 0.3	< 0.5	< 0.3	< 0.5	< 0.3	< 0.4	< 0.2	< 1	ND
	09/22/2014	< 0.5	< 0.2	< 0.2	< 0.2	< 0.3	< 0.5	< 0.3	< 0.5	< 0.3	< 0.4	< 0.2	**5.1**	**5.1**
	10/23/2014	< 0.5	< 0.2	< 0.2	< 0.2	< 0.3	< 0.5	< 0.3	< 0.5	< 0.3	< 0.4	< 0.2	**3.1**	**3.1**
	11/24/2014	< 0.5	< 0.2	< 0.2	< 0.2	< 0.3	< 0.5	< 0.3	< 0.5	< 0.3	< 0.4	< 0.2	**5**	**5**
	12/10/2014	< 0.5	< 0.2	< 0.2	< 0.2	< 0.3	< 0.5	< 0.3	< 0.5	< 0.3	< 0.4	< 0.2	**5.9**	**5.9**
	01/20/2015	< 0.5	< 0.2	< 0.2	< 0.2	< 0.3	< 0.5	< 0.3	< 0.5	< 0.3	< 0.4	< 0.2	**9.1**	**9.1**
	02/17/2015	< 0.5	< 0.2	< 0.2	< 0.2	< 0.3	< 0.5	< 0.3	< 0.5	< 0.3	< 0.4	< 0.2	**12**	**12**
	03/26/2015	< 0.5	< 0.2	< 0.2	< 0.2	< 0.3	< 0.5	< 0.3	< 0.5	< 0.3	< 0.4	< 0.2	**14**	**14**
	04/30/2015	< 0.5	< 0.2	< 0.2	< 0.2	< 0.3	< 0.5	< 0.3	< 0.5	< 0.3	< 0.4	< 0.2	**13**	**13**
	05/28/2015	< 0.5	< 0.2	< 0.2	< 0.2	< 0.3	< 0.5	< 0.3	< 0.5	< 0.3	< 0.4	< 0.2	**8.8**	**8.8**
	06/16/2015	< 0.5	< 0.2	< 0.2	< 0.2	< 0.3	< 0.5	< 0.3	< 0.5	< 0.3	< 0.4	< 0.2	**13**	**13**
	07/07/2015	< 0.5	< 0.2	< 0.2	< 0.2	< 0.3	< 0.5	< 0.3	< 0.5	< 0.3	< 0.4	< 0.2	**16**	**16**
	08/26/2015	< 0.5	< 0.2	< 0.2	< 0.2	< 0.3	< 0.5	< 0.3	< 0.5	< 0.3	< 0.4	< 0.2	**14**	**14**
	09/16/2015	< 0.5	< 0.2	< 0.2	< 0.2	< 0.3	< 0.5	< 0.3	< 0.5	< 0.3	< 0.4	< 0.2	**18**	**18**
	10/14/2015	< 0.5	< 0.2	< 0.2	< 0.2	< 0.3	< 0.5	< 0.3	< 0.5	< 0.3	< 0.4	< 0.2	**22**	**22**
	11/18/2015	< 0.5	< 0.2	< 0.2	< 0.2	< 0.3	< 0.5	< 0.3	< 0.5	< 0.3	< 0.4	< 0.2	**8.2**	**8.2**
	12/09/2015	< 0.5	< 0.2	< 0.2	< 0.2	< 0.3	< 0.5	< 0.3	< 0.5	< 0.3	< 0.4	< 0.2	**11**	**11**
	01/13/2016	< 0.5	< 0.2	< 0.2	< 0.2	< 0.3	< 0.5	< 0.3	< 0.5	< 0.3	< 0.4	< 0.2	**9.3**	**9.3**
	02/17/2016	< 0.5	< 0.2	< 0.2	< 0.2	< 0.3	< 0.5	< 0.3	< 0.5	< 0.3	< 0.4	< 0.2	**9.8**	**9.8**
	03/23/2016	< 0.5	< 0.2	< 0.2	< 0.2	< 0.3	< 0.5	< 0.3	< 0.5	< 0.3	< 0.4	< 0.2	**12**	**12**
	04/20/2016	< 0.5	< 0.2	< 0.2	< 0.2	< 0.3	< 0.5	< 0.3	< 0.5	< 0.3	< 0.4	< 0.2	**15**	**15**
	05/18/2016	< 0.5	< 0.2	< 0.2	< 0.2	< 0.3	< 0.5	< 0.3	< 0.5	< 0.3	< 0.4	< 0.2	**12**	**12**
	06/08/2016	< 0.5	< 0.2	< 0.2	< 0.2	< 0.3	< 0.5	< 0.3	< 0.5	< 0.3	< 0.4	< 0.2	**9.5**	**9.5**
	07/20/2016	< 0.5	< 0.2	< 0.2	< 0.2	< 0.3	< 0.5	< 0.3	< 0.5	< 0.3	< 0.4	< 0.2	**9.6**	**9.6**
	08/17/2016	< 0.5	< 0.2	< 0.2	< 0.2	< 0.3	< 0.5	< 0.3	< 0.5	< 0.3	< 0.4	< 0.2	**9.6**	**9.6**
	09/28/2016	< 0.5	< 0.2	< 0.2	< 0.2	< 0.3	< 0.5	< 0.3	< 0.5	< 0.3	< 0.4	< 0.2	**8.2**	**8.2**
	10/12/2016	< 0.5	< 0.2	< 0.2	< 0.2	< 0.3	< 0.5	< 0.3	< 0.5	< 0.3	< 0.4	< 0.2	**8.8**	**8.8**
	03/15/2012	< 0.5	**1.4**	**10**	**4.5**	**2.2**	< 0.5	< 0.5	< 0.5	< 0.5	**0.7**	**0.98**	**16**	**35.78**
	04/25/2012	< 0.5	< 0.5	< 0.5	< 0.5	**54**	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.96 J	**54**
	05/22/2012	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.96	ND
	06/22/2012	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.95 J	ND
	07/05/2012	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.97	ND
	07/23/2012	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.96	ND
	08/07/2012	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.97	ND
	08/17/2012	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.96	ND
	08/24/2012	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.96	ND
	09/07/2012	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.96	ND
	09/14/2012	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	**1 J**	**1**
	10/16/2012	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.95	ND
	11/20/2012	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	**1.8**	**1.8**

TABLE XII
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COOPER DRUM COMPANY SUPERFUND SITE
SOUTH GATE, CALIFORNIA

Location ID	Sample Date	PCE µg/L	TCE µg/L	cDCE µg/L	1,1-DCA µg/L	1,2-DCA µg/L	VC µg/L	1,1-DCE µg/L	1,2-DCP µg/L	1,2,3-TCP µg/L	tDCE µg/L	Benzene µg/L	1,4-Dioxane µg/L	Total COCs µg/L
LGACE	12/14/2012	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	**13**	**13**
	01/16/2013	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	**4**	**4**
	02/28/2013	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	**1.1**	**1.1**
	04/05/2013	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	**1.9**	**1.9**
	04/23/2013	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	**5.4**	**5.4**
	05/21/2013	< 0.5	< 0.2	< 0.2	< 0.2	< 0.3	< 0.5	< 0.3	< 0.5	< 0.3	< 0.4	< 0.2	**3.2**	**3.2**
	06/25/2013	< 0.5	< 0.2	< 0.2	< 0.2	< 0.3	< 0.5	< 0.3	< 0.5	< 0.3	< 0.4	< 0.2	< 1	ND
	07/30/2013	**0.52**	< 0.2	< 0.2	< 0.2	< 0.3	< 0.5	< 0.3	< 0.5	< 0.3	< 0.4	< 0.2	**1.5 J**	**2.02**
	08/29/2013	< 0.5	< 0.2	< 0.2	< 0.2	< 0.3	< 0.5	< 0.3	< 0.5	< 0.3	< 0.4	< 0.2	**1.2 J**	**1.2**
	09/24/2013	< 0.5	< 0.2	< 0.2	**2.3**	< 0.3	< 0.5	< 0.3	< 0.5	< 0.3	< 0.4	< 0.2	**1.3 J**	**3.6**
	10/29/2013	< 0.5	< 0.2	< 0.2	< 0.2	< 0.3	< 0.5	< 0.3	< 0.5	< 0.3	< 0.4	< 0.2	< 1	ND
	11/25/2013	< 0.5	< 0.2	< 0.2	< 0.2	< 0.3	< 0.5	< 0.3	< 0.5	< 0.3	< 0.4	< 0.2	**3.2**	**3.2**
	12/16/2013	< 0.5	< 0.2	< 0.2 J	< 0.2	< 0.3	< 0.5	< 0.3	< 0.5	< 0.3	< 0.4	< 0.2	**3.3**	**3.3**
	01/27/2014	< 0.5	< 0.2	< 0.2	< 0.2	< 0.3	< 0.5	< 0.3	< 0.5	< 0.3	< 0.4	< 0.2	**1.1 J**	**1.1**
	02/24/2014	< 0.5	< 0.2	< 0.2	< 0.2	< 0.3	< 0.5	< 0.3	< 0.5	< 0.3	< 0.4	< 0.2	< 1	ND
	03/24/2014	< 0.5	< 0.2	< 0.2	< 0.2	< 0.3	< 0.5	< 0.3	< 0.5	< 0.3	< 0.4	< 0.2	**1 J**	**1**
	04/29/2014	< 0.5	< 0.2	< 0.2	< 0.2	< 0.3	< 0.5	< 0.3	< 0.5	< 0.3	< 0.4	< 0.2	**1.5 J**	**1.5**
	05/29/2014	< 0.5	< 0.2	< 0.2	< 0.2	< 0.3	< 0.5	< 0.3	< 0.5	< 0.3	< 0.4	< 0.2	**1 J**	**1**
	06/26/2014	< 0.5	< 0.2	< 0.2	< 0.2	< 0.3	< 0.5	< 0.3	< 0.5	< 0.3	< 0.4	< 0.2	< 1	ND
	07/31/2014	< 0.5	< 0.2	< 0.2	< 0.2	< 0.3	< 0.5	< 0.3	< 0.5	< 0.3	< 0.4	< 0.2	< 1	ND
	08/27/2014	< 0.5	< 0.2	< 0.2	< 0.2	< 0.3	< 0.5	< 0.3	< 0.5	< 0.3	< 0.4	< 0.2	< 1	ND
	09/22/2014	< 0.5	< 0.2	< 0.2	< 0.2	< 0.3	< 0.5	< 0.3	< 0.5	< 0.3	< 0.4	< 0.2	< 1	ND
	10/23/2014	< 0.5	< 0.2	< 0.2	< 0.2	< 0.3	< 0.5	< 0.3	< 0.5	< 0.3	< 0.4	< 0.2	< 1	ND
	11/24/2014	< 0.5	< 0.2	< 0.2	< 0.2	< 0.3	< 0.5	< 0.3	< 0.5	< 0.3	< 0.4	< 0.2	< 1	ND
	12/10/2014	< 0.5	< 0.2	< 0.2	< 0.2	< 0.3	< 0.5	< 0.3	< 0.5	< 0.3	< 0.4	< 0.2	< 1	ND
	01/20/2015	< 0.5	< 0.2	< 0.2	< 0.2	< 0.3	< 0.5	< 0.3	< 0.5	< 0.3	< 0.4	< 0.2	< 1	ND
	02/17/2015	< 0.5	< 0.2	< 0.2	< 0.2	< 0.3	< 0.5	< 0.3	< 0.5	< 0.3	< 0.4	< 0.2	< 1	ND
	03/26/2015	< 0.5	< 0.2	< 0.2	< 0.2	< 0.3	< 0.5	< 0.3	< 0.5	< 0.3	< 0.4	< 0.2	< 1	ND
	04/30/2015	< 0.5	< 0.2	< 0.2	< 0.2	< 0.3	< 0.5	< 0.3	< 0.5	< 0.3	< 0.4	< 0.2	< 1	ND
	05/28/2015	< 0.5	**4.6**	**31**	**3.8**	**2**	**2.3**	**2**	< 0.5	< 0.3	**2.5**	**2.3**	**18**	**68.5**
	06/16/2015	< 0.5	**1.4**	**12**	**1.5**	**1.1 J**	**1.3**	**0.75**	< 0.5	< 0.3	**0.83**	**0.7**	**9**	**28.58**
	07/07/2015	< 0.5	**0.96**	**17**	**2.2**	**1.1**	**2.8**	**1.1**	< 0.5	< 0.3	**1.1**	**0.68**	**15**	**41.94**
	08/26/2015	< 0.5	**0.4 J**	**6.5**	**0.74**	< 0.3	**0.66**	**0.37 J**	< 0.5	< 0.3	**0.47 J**	**0.37 J**	**1.8 J**	**11.31**
	09/16/2015	< 0.5	< 0.2	**1.9**	< 0.2	< 0.3	< 0.5	< 0.3	< 0.5	< 0.3	< 0.4	**0.28 J**	< 1	**2.18**
	10/14/2015	< 0.5	< 0.2	**2.3**	< 0.2	< 0.3	< 0.5	< 0.3	< 0.5	< 0.3	< 0.4	< 0.2	**1.9 J**	**4.2**
	11/18/2015	< 0.5	**1.3**	**17**	**0.82**	**1.7**	**1.2**	< 0.3	< 0.5	< 0.3	**2.5**	**0.75**	**12**	**37.27**
	12/09/2015	< 0.5	< 0.2	< 0.2	< 0.2	< 0.3	< 0.5	< 0.3	< 0.5	< 0.3	< 0.4	< 0.2	< 1	ND
	01/13/2016	< 0.5	< 0.2	**2**	< 0.2	< 0.3	< 0.5	< 0.3	< 0.5	< 0.3	< 0.4	< 0.2	< 1	**2**
	02/17/2016	< 0.5	< 0.2	**4.3**	< 0.2	< 0.3	< 0.5	< 0.3	< 0.5	< 0.3	< 0.4	< 0.2	< 1	**4.3**
	03/23/2016	< 0.5	< 0.2	**1.4**	< 0.2	< 0.3	< 0.5	< 0.3	< 0.5	< 0.3	< 0.4	< 0.2	< 1	**1.4**

TABLE XII
ANALYTICAL RESULTS FOR CHEMICALS OF CONCERN IN GROUNDWATER TREATMENT SYSTEM SAMPLES
COOPER DRUM COMPANY SUPERFUND SITE
SOUTH GATE, CALIFORNIA

Location ID	Sample Date	PCE µg/L	TCE µg/L	cDCE µg/L	1,1-DCA µg/L	1,2-DCA µg/L	VC µg/L	1,1-DCE µg/L	1,2-DCP µg/L	1,2,3-TCP µg/L	tDCE µg/L	Benzene µg/L	1,4-Dioxane µg/L	Total COCs µg/L
LGACE	04/20/2016	< 0.5	< 0.2	2	< 0.2	< 0.3	< 0.5	< 0.3	< 0.5	< 0.3	< 0.4	< 0.2	< 1	2
	05/18/2016	< 0.5	< 0.2	4.2	< 0.2	< 0.3	< 0.5	< 0.3	< 0.5	< 0.3	< 0.4	< 0.2	< 1	4.2
	06/08/2016	< 0.5	< 0.2	3.5	< 0.2	< 0.3	< 0.5	< 0.3	< 0.5	< 0.3	0.55	< 0.2	< 1	4.05
	07/20/2016	< 0.5	0.6	6	0.52	< 0.3	< 0.5	< 0.3	< 0.5	< 0.3	0.91	< 0.2	< 1	8.03
	08/17/2016	< 0.5	< 0.2	4.6	0.37 J	< 0.3	< 0.5	< 0.3	< 0.5	< 0.3	0.69	< 0.2	< 1	5.66
	09/28/2016	< 0.5	1.5	26	1.4	1.6	0.64	1	< 0.5	< 0.3	3	1.1	8.1	44.34
	10/12/2016	< 0.5	2.2	33	1.7	1.9	1	1.3	< 0.5	< 0.3	4.3	2.3	9	56.7
TOTAL-EFF	07/31/2014	< 0.5	4.1	28	2.7	1.1	2	2.2	< 0.5	< 0.3	2	2.9	14	59
	08/27/2014	< 0.5	3.3	26	3.2	1.6	1.5	1.4	< 0.5	< 0.3	1.3	1.8	16	56.1
	09/22/2014	< 0.5	3.1	29	3.2	1.6	1.9	1.8	< 0.5	< 0.3	1.9	2	16	60.5
	10/23/2014	< 0.5	3.2	33	3.6	1.7	2.1	2	< 0.5	< 0.3	2.1	2.2	16	65.9
	11/24/2014	< 0.5	3.6	38	4.4	2.8	3.2	2.6	< 0.5	< 0.3	2.6	2.8	16	76
	12/10/2014	< 0.5	2.6	35	3.6	1.4	2.2	2.2	< 0.5	< 0.3	2.4	2.2	16	67.6
	01/20/2015	< 0.5	2.4	30	2.5	1.3	1.9	2	< 0.5	< 0.3	1.9	2	16	60
	02/17/2015	< 0.5	2.9	33	3	1.4	2.1	2	< 0.5	< 0.3	2.2	2	16	64.6
	03/26/2015	< 0.5	2.7	26	2.3	1.7	2.1	1.5	< 0.5	< 0.3	1.6	1.7	16	55.6
	05/28/2015	< 0.5	4.4	29	3.6	2.1	2.1	1.7	< 0.5	< 0.3	2.4	2.1	19	66.4
	06/16/2015	< 0.5	4.5	29	3.6	2.9 J	3	1.8	< 0.5	< 0.3	2.7	2	19	68.5
	07/07/2015	< 0.5	4.2	40	4.4	2.4	5.1	3.5	0.5	< 0.3	3.1	2.8	19	85
	08/26/2015	< 0.5	3.5	41	4.1	1.5	3	2.2	< 0.5	< 0.3	2.9	2.9	18	79.1
	09/16/2015	< 0.5	3.3	33	3.9	1.1	3.9	2.4	< 0.5	< 0.3	2.1	3.2	17	69.9
	10/14/2015	< 0.5	2.8	30	2.9	1.1	2	2.1	< 0.5	< 0.3	3	2.7	11	57.6
	11/18/2015	< 0.5	4	32	1.3	2.7	1.4	1.1	< 0.5	< 0.3	4	1.8	12	60.3
	12/09/2015	< 0.5	3.5	27	1.2	2.1	1	1.2	< 0.5	< 0.3	3.5	1.8	9.8	51.1
	01/13/2016	< 0.5	3.9	30	1.7	3	< 0.5	0.78	< 0.5	< 0.3	3.2	2.2	12	56.78
	02/17/2016	< 0.5	2.7	32	< 0.2	2.5	1.3	< 0.3	< 0.5	< 0.3	4.3	1.7	14	58.5
	03/23/2016	< 0.5	3.7	35	0.5	2.4	0.52	0.5	< 0.5	< 0.3	4.9	1.8	12	61.32
	04/20/2016	< 0.5	2.4	29	1.3	< 0.3	0.89	1.1	< 0.5	< 0.3	4.1	2	15	55.79
	05/18/2016	< 0.5	1.5	33	0.99	2.7	< 0.5	< 0.3	< 0.5	< 0.3	4.1	1.7	16	59.99
	06/08/2016	< 0.5	3.4	35	1.8	2.5	0.98	1.5	< 0.5	< 0.3	5.4	2.6	10	63.18
	07/20/2016	< 0.5	3.3	34	1.7	2.4	0.9	1.3	< 0.5	< 0.3	5	2	8.7	59.3
	08/17/2016	< 0.5	3.2	40	2	2.6	1.2	1.6	< 0.5	< 0.3	5.3	2.5	11	69.4
	09/28/2016	< 0.5	2.7	36	2	2	0.99	1.6	< 0.5	< 0.3	4.4	1.7	9.6	60.99
	10/12/2016	< 0.5	3.2	40	2.2	2.8	1.2	1.6	< 0.5	< 0.3	5.7	2.4	12	71.1
	11/16/2016	< 0.5	2.6	41	2.1	1.6	1.1	2.2	< 0.5	< 0.3	6.3	2.7	13	72.6
	12/14/2016	< 0.5	2.7	51	1.8	2.4	1.4	1.7	< 0.5	< 0.3	6.2	2.4	11	80.6
	01/25/2017	< 0.5	3.1	33	2	1.6	0.81	1.2	< 0.5	< 0.3	3.8	1.3	12	58.81
	02/22/2017	< 0.5	1.9	38	1.8	1.8	0.91	1.1	< 0.5	< 0.3	4.4	2.4	12	64.31
	03/15/2017	< 0.5	1.7	38	1.8	1.9	1.2	1.2	< 0.5	< 0.3	5.7	1.3	12	64.8
	04/12/2017	< 0.5	1.6	40	1.7	1.3	< 0.5	0.75	< 0.5	< 0.3	3.1	1.3	12	61.75

TABLE XII
ANALYTICAL RESULTS FOR CHEMICALS OF CONCERN IN GROUNDWATER TREATMENT SYSTEM SAMPLES
COOPER DRUM COMPANY SUPERFUND SITE
SOUTH GATE, CALIFORNIA

Location ID	Sample Date	PCE µg/L	TCE µg/L	cDCE µg/L	1,1-DCA µg/L	1,2-DCA µg/L	VC µg/L	1,1-DCE µg/L	1,2-DCP µg/L	1,2,3-TCP µg/L	tDCE µg/L	Benzene µg/L	1,4-Dioxane µg/L	Total COCs µg/L
TOTAL-EFF	05/17/2017	< 0.5	**1.4**	**30**	**1.4**	**1.7**	**0.98**	< 0.3	< 0.5	< 0.3	**3.5**	**0.95**	**11**	**50.93**
	06/21/2017	< 0.5	**2.9**	**37**	**1.5**	**0.83**	**0.57**	**0.9**	< 0.5	< 0.3	**3.5**	**0.99**	**15**	**63.19**
	07/26/2017	< 0.5	**1.4**	**47**	**1.8**	**1.3**	**1.2**	**1.3**	< 0.5	< 0.3	**4.4**	**1.7**	**11**	**71.1**
	08/16/2017	< 0.5	**1.4**	**44**	**1.7**	**1.6**	**1**	**1.2**	< 0.5	< 0.3	**3.4**	**1.3**	**11**	**66.6**
	09/22/2017	< 0.5	**3.2**	**69**	**3.4**	**2.5**	**2.3**	**1.8**	< 0.5	< 0.3	**5.5**	**2**	**11**	**100.7**
	10/11/2017	< 0.5	**2.3**	**44**	**2.2**	**2.2**	**0.77**	**1.3**	< 0.5	< 0.3	**4.3**	**2**	**11**	**70.07**
	11/29/2017	< 0.5	**1.8**	**39**	**1.8**	**1.9**	**0.53**	**0.83**	< 0.5	< 0.3	**3**	**1.1**	**9.3**	**59.26**
	12/13/2017	< 0.5	**4.4**	**46**	**2.9**	**1.8**	< 0.5	**1.1**	< 0.5	< 0.3	**3.9**	**0.89**	**13**	**73.99**

Notes:
1. Results are reported in micrograms per liter (µg/L).
2. Samples were analyzed for volatile organic compounds (VOCs) using Environmental Protection Agency (EPA) Method 8260B and 1,4-dioxane using EPA Method 8270C-isotope dilution.
3. Detected concentrations are shown in BOLD font.
4. Additional VOCs that are not COCs have been detected. Analytical results for non-COCs are included in the Appendix of Laboratory Analytical Reports.
5. The water treatment system was re-configured in October 2014. Since then, only water from the dual phase extraction well was treated by the LGAC. Therefore, DPE-INF is the same as LGACI since October 2014.

Abbreviations:
< = not detected at or above the laboratory reporting limit shown.
µg/L = micrograms per liter
J = The J qualifier indicates that the associated result is quantitatively uncertain. J qualifiers added during validation indicate a data limitation related to a quality control element that exceeds required acceptance limits.
< # J = The UJ qualifier indicates that the associated analyte is considered not detected at or greater than the estimated concentration listed. UJ qualifiers may indicate added during validation either a high or low bias related to a QC element that exceeds required limits.

LINF = water influent to the groundwater treatment system
LGACI = inlet to the primary liquid phase granular activated carbon (GAC) vessel following outlet of HiPOX Treatment Unit
DPE-INF = influent to the GAC vessel from the dual phase extraction wells.
EW-INF = groundwater pumped from groundwater extraction wells.
HIPOXD = inlet to HiPOX Treatment Unit when temporarily located downstream of GAC vessels
LGACM = inlet to the secondary liquid phase granular activated carbon vessel
LGACE = treated water effluent
TOTAL-EFF = combination of EW-INF and LGACE that is discharged to the sewer

1,1-DCA = 1,1-Dichloroethane
1,1-DCE = 1,1-Dichloroethene
1,2-DCA = 1,2-Dichloroethane
1,2-DCP = 1,2-Dichloropropane
1,2,3-TCP = 1,2,3-Trichloropropane
PCE = Tetrachloroethene
TCE = Trichloroethene
cDCE = cis-1,2-Dichloroethene
tDCE = trans-1,2-Dichloroethene
VC = Vinyl Chloride
COCs = Chemicals of Concern

TABLE XIII
SOIL VAPOR EXTRACTION TREATMENT SYSTEM OPERATIONS SUMMARY
COOPER DRUM COMPANY SUPERFUND SITE
SOUTH GATE, CALIFORNIA

Influent Sampling Date	Cumulative Hours of Operation (hrs)	System Flow (scfm)	Total Influent COCs Concentration[1] ($\mu g/m^3$)	Average COC Mass Removal Rate (lbs/day)	Incremental Mass Removal (lbs)	Cumulative Mass of COCs Removed (lbs)
2/23/2011	28	274	193.7	4.77	5.5	5.5
3/22/2011	607	172	103.9	1.61	76.9	82.4
4/12/2011	1018	225	46.0	0.93	21.8	104.2
4/27/2011	1364	179	41.0	0.66	11.4	115.6
5/17/2011	1811	186	23.1	0.39	9.7	125.3
6/7/2011	2270	217	30.4	0.59	9.4	134.7
6/21/2011	2606	274	30.2	0.74	9.4	144.1
7/19/2011	3096	246	68.0	1.51	23.0	167.0
8/23/2011	3832	307	4.4	0.12	25.0	192.0
9/20/2011	4419	200	4.9	0.09	2.5	194.5
9/21/2011	4419	200	3.3	0.06	0.0	194.5
10/11/2011	4904	192	8.0	0.14	2.0	196.5
1/13/2012	5336	229	4.5	0.09	2.1	198.6
2/21/2012	5529	413	5.5	0.21	1.2	199.8
3/27/2012	6190	320	10.9	0.31	7.2	207.0
4/24/2012	6832	188	8.4	0.14	6.1	213.1
5/22/2012	7401	298	12.0	0.32	5.5	218.6
6/12/2012	7764	217	19.4	0.38	5.3	223.9
7/20/2012	8180	231	68.9	1.43	15.7	239.6
8/7/2012	8594	165	45.1	0.67	18.1	257.7
9/7/2012	9261	271	42.6	1.04	23.7	281.4
10/16/2012	10138	253	18.1	0.41	26.5	308.0
12/14/2012	11309	450	7.5	0.30	17.5	325.5
4/2/2013	12156	309	12.8	0.35	11.6	337.1
4/23/2013	12499	305	10.5	0.29	4.6	341.7
5/21/2013	13157	316	9.6	0.27	7.7	349.4
6/26/2013	13942	234	8.6	0.18	7.4	356.8
7/30/2013	14683	231	9.3	0.19	5.8	362.5
9/12/2013	15194	651	7.4	0.43	6.6	369.2
9/24/2013	15496	490	9.0	0.40	5.2	374.4
10/29/2013	16249	490	18.6	0.82	19.1	393.5
11/25/2013	16775	496	15.8	0.70	16.7	410.1
12/16/2013	17213	436	17.7	0.69	12.8	422.9
1/27/2014	18168	497	9.2	0.41	22.0	444.9
2/24/2014	18586	498	6.2	0.28	6.0	450.9
3/24/2014	19193	442	3.1	0.12	5.1	455.9
4/29/2014	19882	484	1.6	0.07	2.8	458.7

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SOIL VAPOR EXTRACTION TREATMENT SYSTEM OPERATIONS SUMMARY
COOPER DRUM COMPANY SUPERFUND SITE
SOUTH GATE, CALIFORNIA

Influent Sampling Date	Cumulative Hours of Operation (hrs)	System Flow (scfm)	Total Influent COCs Concentration[1] ($\mu g/m^3$)	Average COC Mass Removal Rate (lbs/day)	Incremental Mass Removal (lbs)	Cumulative Mass of COCs Removed (lbs)
5/29/2014	20511	460	5.2	0.22	3.8	462.5
6/26/2014	21059	485	3.9	0.17	4.4	466.9
7/29/2014	21762	499	1.5	0.07	3.5	470.4
9/22/2014	22810	490	1.9	0.08	3.3	473.7
10/23/2014	23380	490	2.6	0.11	2.3	476.0
11/24/2014	24013	499	5.6	0.25	4.8	480.8
12/10/2014	24369	498	16.2	0.72	7.2	488.1
1/20/2015	25311	488	7.0	0.31	20.3	508.3
2/17/2015	25840	446	4.3	0.17	5.3	513.6
3/26/2015	26578	489	3.8	0.16	5.2	518.8
4/30/2015	27342	474	1.9	0.08	3.9	522.7
5/28/2015	27857	432	0.9	0.03	1.2	523.9
6/16/2015	28170	476	0.8	0.03	0.4	524.3
7/7/2015	28665	482	0.3	0.01	0.5	524.8
8/26/2015	29705	417	0.3	0.01	0.5	525.4
9/16/2015	30060	449	0.8	0.03	0.3	525.7
10/14/2015	30580	468	0.8	0.03	0.7	526.4
11/18/2015	31287	139	2.4	0.03	0.9	527.3
12/9/2015	31767	500	1.6	0.07	1.0	528.4
1/14/2016	32111	498	0.8	0.03	0.8	529.1
2/17/2016	32822	468	2.2	0.09	1.9	531.0
3/23/2016	33556	305	1.0	0.03	1.8	532.8
4/20/2016	34171	469	1.2	0.05	1.0	533.8
7/20/2016	34604	452	2.3	0.10	1.3	535.2
10/19/2016	35048	450	2.0	0.08	1.6	536.8
10/26/2016	35187	450	3.0	0.12	0.6	537.4
11/2/2016	35349	493	10.5	0.46	2.0	539.3
11/16/2016	35685	473	7.7	0.33	5.5	544.9
12/7/2016	36158	451	4.1	0.16	4.8	549.7
12/14/2016	36324	458	1.8	0.08	0.8	550.5
12/21/2016	36449	416	3.3	0.12	0.5	551.1
12/27/2016	36449	416	1.8	0.07	0.0	551.1
3/22/2017	36933	362	2.0	0.07	1.4	552.4
4/5/2017	36986	380	2.2	0.07	0.2	552.6
4/5/2017	36991	430	6.8	0.26	0.0	552.6
4/12/2017	37150	447	4.8	0.19	1.5	554.1
4/12/2017	37155	144	3.3	0.04	0.0	554.1

TABLE XIII
SOIL VAPOR EXTRACTION TREATMENT SYSTEM OPERATIONS SUMMARY
COOPER DRUM COMPANY SUPERFUND SITE
SOUTH GATE, CALIFORNIA

Influent Sampling Date	Cumulative Hours of Operation (hrs)	System Flow (scfm)	Total Influent COCs Concentration[1] ($\mu g/m^3$)	Average COC Mass Removal Rate (lbs/day)	Incremental Mass Removal (lbs)	Cumulative Mass of COCs Removed (lbs)
4/19/2017	37323	166	0.0	0.00	0.2	554.3
4/19/2017	37327	344	1.0	0.03	0.0	554.3
4/26/2017	37442	291	0.8	0.02	0.1	554.4
4/26/2017	37447	369	6.4	0.21	0.0	554.4
5/3/2017	37606	341	2.8	0.08	1.0	555.4
5/3/2017	37610	143	1.0	0.01	0.0	555.4
5/10/2017	37711	135	0.9	0.01	0.0	555.5
5/10/2017	37714	405	1.3	0.05	0.0	555.5
5/17/2017	37878	370	1.5	0.05	0.3	555.8
5/17/2017	37882	380	4.7	0.16	0.0	555.8
5/24/2017	37968	400	2.8	0.10	0.5	556.3
5/24/2017	37974	136	1.0	0.01	0.0	556.3
10/4/2017	37981	617	2.5	0.14	0.0	556.3
10/11/2017	38142	600	2.7	0.14	0.9	557.3
10/25/2017	38479	605	2.5	0.13	2.0	559.2
11/8/2017	38813	596	2.3	0.12	1.8	561.0
11/29/2017	39312	585	1.9	0.10	2.3	563.4
12/13/2017	39649	575	2.1	0.11	1.4	564.8
12/27/2017	39986	405	0.5	0.02	0.9	565.7

Notes:
1. Unless noted otherwise, the total influent COCs concentration is the sum of COCs concentrations detected using EPA Method TO-15 for vapor samples collected from the influent to the vapor treatment system.

Abbreviations:
-- = not sampled or measured
COCs = chemicals of concern
GAC = granular activated carbon
hrs = hours
lbs = pounds
$\mu g/m^3$ = micrograms per cubic meter
NM = not measured
scfm = standard cubic feet per minute

TABLE XIV
GROUNDWATER TREATMENT SYSTEM OPERATION SUMMARY
COOPER DRUM COMPANY SUPERFUND SITE
SOUTH GATE, CALIFORNIA

System Inspection Date	DPE Extraction Flow Totalizer (gallons)	SVE Moisture Flow Totalizer (gallons)	OU1 Extraction Flow Totalizer (gallons)	Combined Effluent Flow Totalizer (gallons)	Previous System Flow Totalizer (gallons)	Combined Influent Concentration (Total COCs; µg/L)	OU1 Influent Concentration (Total COCs; µg/L)	OU2 Influent Concentrations (Total COCs; µg/L)	Cumulative Mass of COCs Removed - OU1 (pounds)	Cumulative Mass of COCs Removed - OU2 (pounds)	Cumulative Mass of COCs Removed - Combined Influent (pounds)	Total Mass of COCs Removed (pounds)
3/4/2011					0	--						0
3/15/2011					1,375	10,626					0.12	0.1
3/29/2011					1,775	19,400					0.17	0.2
4/12/2011					3,975	8,770					0.43	0.4
5/17/2011					7,275	5,450					0.63	0.6
6/7/2011					8,775	8,960					0.72	0.7
7/19/2011					12,175	5,840					0.93	0.9
8/23/2011					16,175	4,237					1.09	1.1
10/11/2011					20,075	1,198					1.18	1.2
03/15/2012					30,994	55					1.24	1.2
4/25/2012	3,260	26,639	5,223	36,030		181					1.29	1.3
5/22/2012	35,398	26,657	5,223	71,341		196					1.35	1.4
6/22/2012	66,057	26,658	6,388	120,667		140					1.42	1.4
7/5/2012	92,965	26,658	6,388	148,485		208					1.46	1.5
7/23/2012	130,642	26,704	22,283	216,494		55					1.53	1.5
8/7/2012	152,973	26,705	24,513	243,504		161					1.56	1.6
8/17/2012	160,059	26,707	26,189	250,371		69					1.56	1.6
8/24/2012	163,705	26,708	43,864	276,954		73					1.58	1.6
9/7/2012	178,526	26,708	146,018	418,656		96					1.68	1.7
9/14/2012	183,376	26,708	170,608	452,233		84					1.71	1.7
10/16/2012	215,376	26,845	289,396	611,707		71					1.81	1.8
11/20/2012	299,674	26,972	335,677	740,370		109					1.91	1.9
12/14/2012	317,075	27,135	377,249	811,655		56					1.95	2.0
1/16/2013	381,251	27,919	484,244	1,016,607		65					2.06	2.1
2/28/2013	415,354	27,919	975,155	1,290,225		80					2.22	2.2
4/5/2013	446,899	28,106	1,675,568	2,017,356		71					2.68	2.7
4/23/2013	457,748	28,240	1,891,008	2,243,948		86					2.83	2.8
5/21/2013	469,985	28,263	2,108,888	2,475,955		86					2.99	3.0
6/25/2013	515,650	28,267	2,984,548	3,393,601		82					3.64	3.6
7/30/2013	540,345	28,267	3,547,928	3,988,635		79					4.04	4.0
8/29/2013	562,032	28,386	4,241,728	4,688,389		72					4.48	4.5
9/24/2013	597,765	28,495	5,029,818	5,572,076		62					4.97	5.0
10/29/2013	658,351	28,797	5,765,331	6,420,241		62					5.40	5.4
11/25/2013	702,889	28,883	6,367,958	7,101,908		73					5.79	5.8

TABLE XIV
GROUNDWATER TREATMENT SYSTEM OPERATION SUMMARY
COOPER DRUM COMPANY SUPERFUND SITE
SOUTH GATE, CALIFORNIA

System Inspection Date	DPE Extraction Flow Totalizer (gallons)	SVE Moisture Flow Totalizer (gallons)	OU1 Extraction Flow Totalizer (gallons)	Combined Effluent Flow Totalizer (gallons)	Previous System Flow Totalizer (gallons)	Combined Influent Concentration (Total COCs; µg/L)	OU1 Influent Concentration (Total COCs; µg/L)	OU2 Influent Concentrations (Total COCs; µg/L)	Cumulative Mass of COCs Removed - OU1 (pounds)	Cumulative Mass of COCs Removed - OU2 (pounds)	Cumulative Mass of COCs Removed - Combined Influent (pounds)	Total Mass of COCs Removed (pounds)
12/16/2013	730,236	29,238	6,699,638	7,481,683		72					6.01	6.0
1/27/2014	810,600	29,683	7,642,618	8,582,951		70					6.66	6.7
2/24/2014	824,778	29,747	7,963,408	8,944,366		67					6.87	6.9
3/24/2014	843,266	29,789	8,695,008	9,759,449		67					7.32	7.3
4/29/2014	858,747	29,794	9,522,408	10,653,962		59					7.79	7.8
5/29/2014	880,739	29,808	10,378,888	11,588,139		58					8.25	8.3
6/26/2014	903,354	29,820	10,961,888	12,224,153		56					8.55	8.6
7/31/2014	910,712	29,821	11,212,288	12,497,046			62	55	0.1	0.0		8.7
8/27/2014	924,644	29,823	11,574,388	12,927,483			67	51	0.3	0.0		8.9
9/22/2014	948,787	29,823	11,901,988	13,451,784			68	62	0.5	0.0		9.1
10/23/2014	972,707	29,824	12,421,888	14,051,000			69	55	0.8	0.0		9.4
11/24/2014	1,001,158	29,844	12,920,588	14,616,789			72	64	1.1	0.0		9.7
12/10/2014	1,011,287	29,854	13,147,488	14,889,891			61	68	1.2	0.1		9.8
1/20/2015	1,043,147	29,945	13,905,488	15,737,681			65	91	1.6	0.1		10.2
2/17/2015	1,054,907	29,945	14,164,288	16,241,552			65	67	1.8	0.1		10.4
3/26/2015	1,081,917	29,945	14,617,306	16,780,233			63	23	2.0	0.1		10.6
4/30/2015	1,104,527	29,945	15,098,788	17,321,370			--	14	--	0.1		8.6
5/28/2015	1,104,527	29,987	15,286,353	17,547,750			68	8	2.4	0.1		11.0
6/16/2015	1,106,447	29,999	15,526,688	17,828,036			74	40	2.5	0.1		11.2
7/7/2015	1,109,077	30,001	15,975,688	18,300,222			85	23	2.8	0.1		11.5
8/26/2015	1,113,837	30,001	16,871,688	19,334,338			82	15	3.4	0.1		12.1
9/16/2015	1,113,837	30,001	17,250,188	19,741,474			41	9	3.6	0.1		12.3
10/14/2015	1,113,837	30,001	17,305,088	19,798,462			60	26	3.6	0.1		12.3
11/18/2015	1,114,335	30,037	17,762,388	20,246,266			66	17	3.9	0.1		12.5
12/9/2015	1,114,800	30,037	18,123,488	20,701,101			52	51	4.1	0.1		12.7
1/13/2016	1,114,863	30,038	18,590,088	21,120,790			55	44	4.3	0.1		12.9
2/17/2016	1,116,557	30,103	19,258,788	21,887,116			55	53	4.6	0.1		13.2
3/23/2016	1,117,818	30,146	19,794,781	22,511,434			58	34	4.8	0.1		13.5
4/20/2016	1,117,847	30,148	20,219,289	23,037,308			59	30	5.0	0.1		13.7
5/18/2016	1,117,847	30,148	20,633,328	23,565,845			68	23	5.3	0.1		13.9
6/8/2016	1,117,847	30,148	20,979,888	24,006,342			69	12	5.5	0.1		14.1
7/20/2016	1,117,864	30,150	21,627,018	24,909,268			65	13	5.8	0.1		14.5
8/17/2016	1,117,864	30,153	22,060,228	25,590,396			81	8	6.1	0.1		14.7
9/28/2016	1,117,864	30,153	22,547,598	26,514,206			73	4	6.4	0.1		15.1

TABLE XIV
GROUNDWATER TREATMENT SYSTEM OPERATION SUMMARY
COOPER DRUM COMPANY SUPERFUND SITE
SOUTH GATE, CALIFORNIA

System Inspection Date	DPE Extraction Flow Totalizer (gallons)	SVE Moisture Flow Totalizer (gallons)	OU1 Extraction Flow Totalizer (gallons)	Combined Effluent Flow Totalizer (gallons)	Previous System Flow Totalizer (gallons)	Combined Influent Concentration (Total COCs; µg/L)	OU1 Influent Concentration (Total COCs; µg/L)	OU2 Influent Concentrations (Total COCs; µg/L)	Cumulative Mass of COCs Removed - OU1 (pounds)	Cumulative Mass of COCs Removed - OU2 (pounds)	Cumulative Mass of COCs Removed - Combined Influent (pounds)	Total Mass of COCs Removed (pounds)
10/12/2016	1,117,864	30,153	22,752,458	26,866,701			73	3	6.5	0.1		15.2
11/16/2016	1,117,865	30,328	23,285,228	27,694,404			81		6.9	0.1		15.5
12/14/2016	1,117,865	30,373	23,746,811	28,183,864			70		7.2	0.1		15.8
1/25/2017	1,117,865	30,661	24,336,998	28,916,757			69		7.5	0.1		16.2
2/22/2017	1,117,865	30,661	24,758,258	29,287,594			77		7.8	0.1		16.4
3/15/2017	1,117,865	30,662	25,042,328	29,538,469			78		7.9	0.1		16.6
4/12/2017	1,117,865	31,452	25,411,168	29,983,434			77		8.2	0.1		16.8
5/17/2017	1,117,865	32,304	25,880,408	30,641,564			66		8.5	0.1		17.1
6/21/2017	1,117,865	32,351	26,256,638	31,313,414			76		8.7	0.1		17.3
7/26/2017	1,117,865	32,352	26,730,598	31,845,894			78		9.0	0.1		17.6
8/16/2017	1,117,865	32,352	26,985,698	32,111,164			80		9.1	0.1		17.8
9/22/2017	1,117,865	32,353	27,428,298	32,589,134			124		9.5	0.1		18.2
10/11/2017	1,117,865	32,353	27,703,508	32,887,644			80		9.8	0.1		18.4
11/29/2017	1,117,865	32,462	28,507,028	33,734,174			74		10.3	0.1		18.9
12/13/2017	1,117,865	32,494	28,712,028	33,943,214			92		10.4	0.1		19.1

Note:

1. Influent concentration is the sum of COC concentrations detected and reported by Environmental Protection Agency (EPA) Method 8260B and the 1,4-dioxane concentration detected and reported by EPA Method 8270C-isotope dilution for water samples collected from the influent to the groundwater treatment system.

Abbreviations:

-- = not sampled
COCs = compounds of concern
µg/L = micrograms per liter

TABLE XV
VALIDATION SUMMARY
COOPER DRUM COMPANY SUPERFUND SITE
SOUTH GATE, CALIFORNIA

Matrix	Number of Primary Samples	Number of Duplicate Samples	Number of Results	Number of Results with no Qualifiers		Number of Results Qualified with a U				Number of Results Qualified with a J				Number of Results Qualified with a UJ				Number of Results Qualified with a E			
				Total	% of Samples	Laboratory	Validation	Total	% of Samples	Laboratory	Validation	Total	% of Samples	Laboratory	Validation	Total	% of Samples	Laboratory	Validation	Total	% of Samples
GWTS	12	0	804	108	13.43%	696	0	696	86.57%	0	0	0	0.00%	0	0	0	0.00%	0	0	0	0.00%
SVTS	13	0	711	86	12.10%	624	0	622	87.48%	0	1	1	0.14%	0	2	2	0.28%	0	0	0	0.00%
GW OU1	66	8	4958	326	6.58%	4592	0	4592	92.62%	40	0	40	0.81%	0	0	0	0.00%	0	0	0	0.00%
Qtrly SV	174	0	9396	1174	12.49%	8187	0	8087	86.07%	0	35	35	0.37%	0	100	100	1.06%	6	0	0	0.00%

Note:
1. All samples were validated. See Data Validation Reports for details on validation qualifiers.

Abbreviations:
GWTS = Groundwater Treatment System
SVTS = Soil Vapor Treatment System
GW OU1 = Groundwater samples from OU1 extraction
Qtrly SV = Quarterly Soil Vapor
U = not detected at or above the laboratory reporting limit
J = The J qualifier indicates that the associated result is quantitatively uncertain. J qualifiers added during validation indicate a data limitation related to a quality control element that exceeds required acceptance limits.
UJ = The reporting limit is estimated. UJ qualifiers added during validation may indicate either a high or low bias related to a quality control element that exceeds required acceptance limits.
E = Exceeds calibration range of instrument, concentration is estimated.

TABLE XVI
CONCENTRATION TREND ANALYSIS SUMMARY 2006 - 2017
COOPER DRUM COMPANY SUPERFUND SITE
SOUTH GATE, CALIFORNIA

Well ID	Well Area	Aquifer	Screen Interval (ft bgs)	TCE [1,2]			cDCE[1,2]			1,4-Dioxane[1,2]		
				MK Trend Analysis[3]	T-S Trend Line		MK Trend Analysis[3]	T-S Trend Line		MK Trend Analysis[3]	T-S Trend Line	
				Trend Type	Slope	Intercept	Trend Type	Slope	Intercept	Trend Type	Slope	Intercept
MW-19	Up-gradient	Shallow Gaspur	67 - 77	Decreasing	-0.019	781.06	No Trend	-0.002	107.48	Increasing	0.001	-36.11
MW-23	Up-gradient	Shallow Gaspur	69 - 79	Increasing	0.001	-34.69	Increasing	0.001	-44.48	Increasing	0.001	-53.67
MW-23A	Up-gradient	Shallow Gaspur	61 - 65	Decreasing	-0.006	238.46	Decreasing	-0.002	66.17	No Trend	0.000	-2.79
MW-23B	Up-gradient	Lower Gaspur	95 - 105	Increasing	0.000	-3.34	No Trend	0.000	0.10	No Trend	0.000	0.10
MW-57A	Up-gradient	Shallow Gaspur	60 - 70	Decreasing	-0.004	184.85	Decreasing	-0.006	244.43	No Trend	0.002	-70.56
MW-57B	Up-gradient	Intermediate Gaspur	85 - 90	No Trend	0.000	0.10	No Trend	0.000	0.10	Decreasing	-0.001	21.79
MW-58	Up-gradient	Shallow Gaspur	60 - 70	Decreasing	-0.005	206.26	No Trend	-0.001	43.04	No Trend	0.000	13.06
EW-8	Phase 1 OU1 RAA	Lower Gaspur	99 - 109	No Trend	0.000	17.19	Decreasing	-0.022	972.46	Decreasing	-0.005	207.15
MW-1	Phase 1 OU1 RAA	Shallow/ Intermediate Gaspur	52 - 84	Increasing	0.001	-41.23	Increasing	0.000	-14.71	Increasing	0.002	-56.63
MW-15	Phase 1 OU1 RAA	Shallow/ Intermediate Gaspur	70 - 85	Decreasing	-0.013	537.67	Decreasing	-0.016	709.59	No Trend	-0.001	43.39
MW-15B	Phase 1 OU1 RAA	Lower Gaspur	93 - 103	Decreasing	-0.003	129.15	Decreasing	-0.027	1,204.79	Decreasing	-0.005	208.45
MW-17	Phase 1 OU1 RAA	Shallow Gaspur	69 - 79	No Trend	0.000	0.58	Increasing	0.001	-22.83	Increasing	0.001	-29.44
MW-20	Phase 1 OU1 RAA	Shallow Gaspur	55 - 70	Decreasing	-0.062	2,557.51	No Trend	0.010	-274.21	Increasing	0.024	-797.62
MW-20B	Phase 1 OU1 RAA	Intermediate Gaspur	80 - 90	Decreasing	-0.002	69.42	No Trend	-0.017	-51.99	Increasing	0.003	-96.34
MW-21	Phase 1 OU1 RAA	Shallow Gaspur	55 - 75	Decreasing	-0.128	5,452.18	Increasing	0.068	-2,334.01	No Trend	0.033	-1138.43
MW-22	Phase 1 OU1 RAA	Shallow Gaspur	63 - 73	No Trend	0.000	18.57	Increasing	0.002	-92.01	Increasing	0.003	-120.46
MW-2A	Phase 1 OU1 RAA	Shallow Gaspur	58 - 62	Decreasing	-0.059	2,486.41	Decreasing	-0.041	1,925.83	Decreasing	-0.018	758.05
MW-2B	Phase 1 OU1 RAA	Shallow Gaspur	68 - 72	Decreasing	-0.001	56.36	Decreasing	-0.010	408.36	Decreasing	-0.003	125.78
MW-2C	Phase 1 OU1 RAA	Intermediate Gaspur	88 - 92	Decreasing	0.000	0.10	Decreasing	-0.001	35.68	No Trend	0.000	0.10
MW-33A	Phase 1 OU1 RAA	Shallow Gaspur	55 - 65	Decreasing	-0.071	3,000.34	Increasing	0.022	-754.80	Decreasing	-0.039	1789.26
MW-33B	Phase 1 OU1 RAA	Intermediate Gaspur	80 - 90	Decreasing	-0.008	331.12	No Trend	-0.001	75.08	No Trend	0.001	-30.83
MW-4	Phase 1 OU1 RAA	Shallow/ Intermediate Gaspur	50 - 82	Decreasing	-0.002	71.43	Decreasing	-0.004	153.62	Increasing	0.003	-112.01
MW-4B	Phase 1 OU1 RAA	Intermediate Gaspur	88 - 92	No Trend	0.000	16.29	Increasing	0.018	-709.63	No Trend	0.000	0.10
MW-59A	Phase 1 OU1 RAA	Shallow Gaspur	58 - 62	Decreasing	-0.088	3,755.36	Decreasing	-0.267	11,527.48	Increasing	0.020	-799.57
MW-59B	Phase 1 OU1 RAA	Intermediate Gaspur	75 - 79	Decreasing	0.000	8.81	Decreasing	-0.001	36.73	No Trend	-0.002	81.25
MW-59C	Phase 1 OU1 RAA	Intermediate Gaspur	88 - 92	No Trend	0.000	0.10	No Trend	0.000	0.10	No Trend	0.000	0.10
MW-60A	Phase 1 OU1 RAA	Shallow Gaspur	72 - 77	Decreasing	-0.013	538.13	Decreasing	-0.028	1,174.32	Decreasing	-0.005	230.34
MW-60B	Phase 1 OU1 RAA	Lower Gaspur	92 - 101	Decreasing	-0.002	90.20	Decreasing	-0.024	1,018.39	Decreasing	-0.005	218.66
MW-61A	Phase 1 OU1 RAA	Shallow Gaspur	66 - 76	No Trend	0.000	16.81	Increasing	0.025	-964.29	Increasing	0.005	-189.65
MW-61B	Phase 1 OU1 RAA	Intermediate Gaspur	83 - 88	No Trend	0.000	0.10	No Trend	0.000	-11.62	Decreasing	-0.001	51.15

TABLE XVI
CONCENTRATION TREND ANALYSIS SUMMARY 2006 - 2017
COOPER DRUM COMPANY SUPERFUND SITE
SOUTH GATE, CALIFORNIA

Well ID	Well Area	Aquifer	Screen Interval (ft bgs)	TCE [1,2]			cDCE[1,2]			1,4-Dioxane[1,2]		
				MK Trend Analysis[3]	T-S Trend Line		MK Trend Analysis[3]	T-S Trend Line		MK Trend Analysis[3]	T-S Trend Line	
				Trend Type	Slope	Intercept	Trend Type	Slope	Intercept	Trend Type	Slope	Intercept
MW-62A	Phase 1 OU1 RAA	Shallow Gaspur	68 - 77	Decreasing	-0.001	48.25	Decreasing	-0.005	213.94	No Trend	0.000	1.15
MW-62B	Phase 1 OU1 RAA	Lower Gaspur	101 - 106	Decreasing	-0.006	254.51	Decreasing	-0.031	1,327.54	No Trend	0.000	0.10
PZ-7A	Phase 1 OU1 RAA	Shallow Gaspur	70 - 75	Decreasing	-0.001	60.34	No Trend	0.000	36.00	No Trend	0.000	10.39
PZ-7B	Phase 1 OU1 RAA	Intermediate Gaspur	88 - 93	Decreasing	-0.001	28.51	Decreasing	-0.006	265.51	No Trend	0.000	1.70
MW-24	Phase 2 OU1 RAA	Shallow Gaspur	70-85	Decreasing	-0.001	45.39	No Trend	0.000	14.60	No Trend	0.000	0.10
MW-25	Phase 2 OU1 RAA	Intermediate Gaspur	75-90	Decreasing	-0.003	117.32	No Trend	0.002	109.45	No Trend	0.000	12.24
MW-25B	Phase 2 OU1 RAA	Lower Gaspur	95-105	Decreasing	-0.001	59.26	Decreasing	-0.009	427.91	Decreasing	-0.001	50.73
MW-27	Phase 2 OU1 RAA	Intermediate Gaspur	75-90	Decreasing	-0.001	25.36	Decreasing	-0.001	61.79	No Trend	0.000	0.10
MW-28	Phase 2 OU1 RAA	Lower Gaspur	104-114	Decreasing	-0.003	114.91	No Trend	0.005	-163.36	Decreasing	-0.001	66.58
MW-29	Phase 2 OU1 RAA	Intermediate Gaspur	75-90	Decreasing	-0.004	156.57	Decreasing	-0.006	302.75	Decreasing	-0.003	126.99
MW-29A	Phase 2 OU1 RAA	Shallow Gaspur	56-66	No Trend	0.000	0.10	No Trend	0.000	0.10	No Trend	0.000	0.10.
MW-30	Phase 2 OU1 RAA	Lower Gaspur	104-114	Decreasing	-0.026	1,080.63	Increasing	0.012	-437.57	No Trend	0.001	-10.87
MW-36	Phase 2 OU1 RAA	Intermediate Gaspur	77-87	Decreasing	-0.003	123.48	Decreasing	-0.002	89.10	No Trend	0.000	0.10
MW-37	Phase 2 OU1 RAA	Lower Gaspur	99.5-109.5	No Trend	-0.001	22.62	Increasing	0.021	-799.99	No Trend	0.002	-60.87
MW-31	SAIA	Intermediate Gaspur	75-90	Decreasing	-0.012	502.22	No Trend	-0.001	38.55	No Trend	0.000	2.27
MW-31A	SAIA	Shallow Gaspur	54.5-64.5	No Trend	0.000	0.10	No Trend	-0.002	99.57	Decreasing	0.000	7.65
MW-31B	SAIA	Lower Gaspur	97-107	Decreasing	-0.023	968.50	No Trend	0.010	-347.63	Increasing	0.002	-74.00
MW-34	SAIA	Shallow Gaspur	58-68	No Trend	0.003	-63.64	No Trend	-0.012	992.06	No Trend	-0.001	29.70
MW-35	SAIA	Lower Gaspur	95-105	Decreasing	-0.010	402.99	No Trend	-0.006	300.17	No Trend	0.000	6.85
MW-38	SAIA	Shallow Gaspur	56.5-66.5	Decreasing	0.000	11.98	Decreasing	0.000	18.12	No Trend	0.000	0.10
MW-39	SAIA	Intermediate Gaspur	78-88	Decreasing	-0.005	224.81	No Trend	0.006	-188.04	No Trend	-0.001	72.29
MW-40	SAIA	Lower Gaspur	100-110	Decreasing	-0.004	153.36	No Trend	-0.002	150.32	Increasing	0.006	-248.81
MW-41	SAIA	Lower Gaspur	89-99	Decreasing	-0.006	237.22	No Trend	-0.006	285.32	No Trend	0.000	17.76
MW-42	SAIA	Shallow Gaspur	56-66	No Trend	0.01	-476.79	No Trend	0.264	-9,905.18	No Trend	0.017	-695.32
MW-43	SAIA	Intermediate Gaspur	77-87	No Trend	-0.01	528.75	No Trend	0.012	-469.62	No Trend	0.002	-59.43
MW-44	SAIA	Lower Gaspur	96-106	Decreasing	-0.014	575.56	No Trend	-0.020	834.49	No Trend	0.003	-101.99
MW-45	SAIA	Intermediate Gaspur	79-89	No Trend	0.000	10.07	No Trend	0.022	-869.75	No Trend	0.001	-52.11
MW-46	SAIA	Shallow Gaspur	57-67	No Trend	0.000	40.09	No Trend	0.139	-5,712.98	No Trend	0.001	-54.00
MW-47	SAIA	Intermediate Gaspur	77-87	No Trend	-0.036	1,503.39	No Trend	0.008	171.75	No Trend	0.002	-95.26
MW-48	SAIA	Lower Gaspur	98-108	No Trend	-0.009	402.12	No Trend	0.018	-681.79	No Trend	0.005	-196.57

TABLE XVI
CONCENTRATION TREND ANALYSIS SUMMARY 2006 - 2017
COOPER DRUM COMPANY SUPERFUND SITE
SOUTH GATE, CALIFORNIA

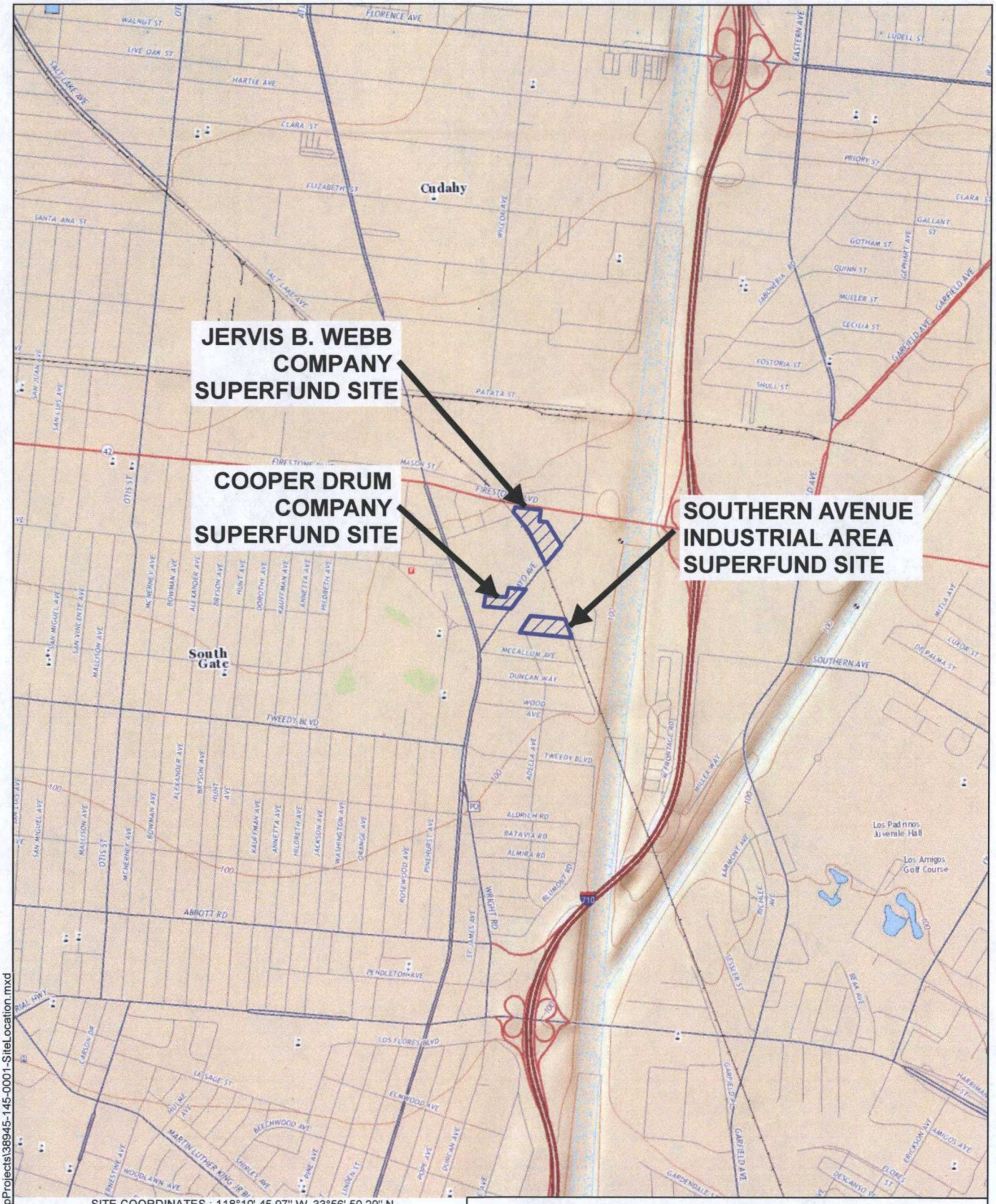
Well ID	Well Area	Aquifer	Screen Interval (ft bgs)	TCE [1,2]			cDCE[1,2]			1,4-Dioxane[1,2]		
				MK Trend Analysis[3]	T-S Trend Line		MK Trend Analysis[3]	T-S Trend Line		MK Trend Analysis[3]	T-S Trend Line	
				Trend Type	Slope	Intercept	Trend Type	Slope	Intercept	Trend Type	Slope	Intercept
MW-49	SAIA	Shallow Gaspur	60-70	No Trend	-0.011	443.34	No Trend	-0.004	209.95	No Trend	0.000	0.10
MW-50	SAIA	Intermediate Gaspur	78-88	Decreasing	-0.003	118.91	Decreasing	-0.090	4,231.77	No Trend	0.000	-0.47
MW-51	SAIA	Lower Gaspur	98-108	Decreasing	-0.004	177.74	Increasing	0.042	-1,686.77	Increasing	0.006	-225.53
MW-52	SAIA	Shallow Gaspur	66-76	No Trend	-0.001	38.85	No Trend	0.004	-163.78	No Trend	0.000	0.10
MW-53	SAIA	Lower Gaspur	90-100	Decreasing	-0.005	206.95	Increasing	0.007	-262.30	No Trend	0.000	9.15
MW-54	SAIA	Lower Gaspur	108-113	Decreasing	-0.004	187.78	Increasing	0.019	-734.93	Increasing	0.004	-156.22
MW-56	SAIA	Shallow Gaspur	62-72	No Trend	-1.461	61,243.04	No Trend	-0.01	767.94	No Trend	0.00	0.10
			Decreasing Trend (Total)[4]	**31**	**70%**		**20**	**45%**		**12**	**27%**	
			Up-Gradient	4	57%		2	29%		1	14%	
			Phase 1 OU1 RAA	19	70%		14	52%		8	30%	
			Phase 2 OU1 RAA	8	80%		4	40%		3	30%	
			Increasing Trend (Total)[4]	**3**	**7%**		**10**	**23%**		**10**	**23%**	
			Up-Gradient	2	29%		1	14%		2	29%	
			Phase 1 OU1 RAA	1	4%		7	26%		8	30%	
			Phase 2 OU1 RAA	0	0%		2	20%		0	0%	
			No Trend (Total)[4]	**10**	**23%**		**14**	**32%**		**22**	**50%**	
			Up-Gradient	1	14%		4	57%		4	57%	
			Phase 1 OU1 RAA	7	26%		6	22%		11	41%	
			Phase 2 OU1 RAA	2	20%		4	40%		7	70%	
			Totals	44	100%		44	100%		44	100%	

Notes:
1. Groundwater analytical results included data from 2006 to 2017.
2. Non-detect values were included in the trend analysis as 0.1 µg/L.
3. MK trend analysis reported with a 95% confidence interval.
4. Totals do not include SAIA groundwater monitoring wells.

Decreasing = Statistically significant evidence of a decreasing trend at the specified level of significance.
Increasing = Statistically significant evidence of an increasing trend at the specified level of significance.
No Trend = Insufficient evidence to identify a significant trend at the specified level of significance.

Abbreviations:
OU = Operable Unit
RAA = Remedial Action Area
MK = Mann-Kendall
T-S = Theil-Sen
TCE = Trichloroethene
cDCE = cis-1,2-Dichloroethene
SAIA = Southern Avenue Industrial Area
ft bgs = feet below ground surface

FIGURES



SITE COORDINATES : 118°10' 45.97" W 33°56' 50.29" N

USGS TOPO MAP : SOUTH GATE, CA

HALEY ALDRICH

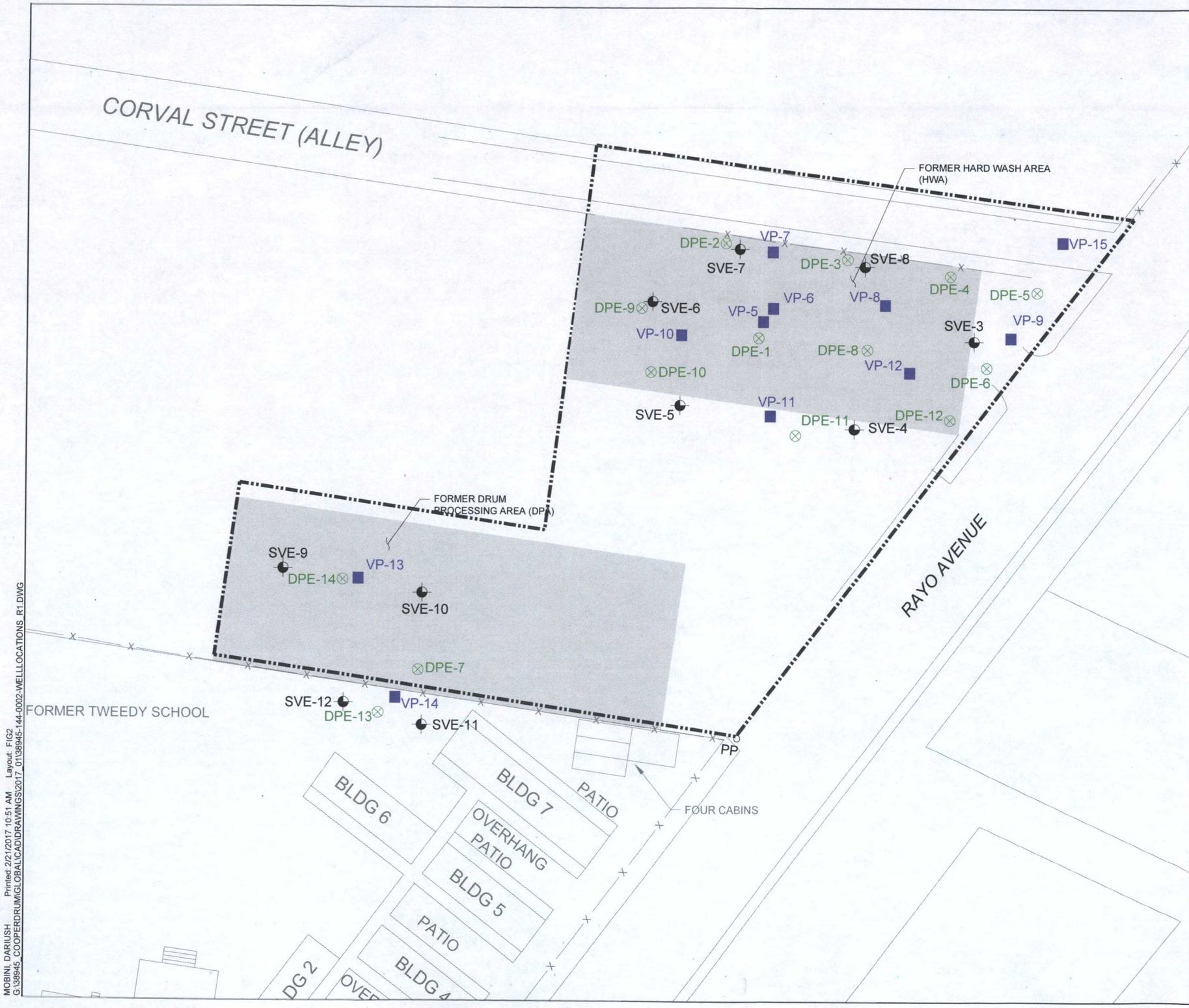
COOPER DRUM COMPANY SUPERFUND SITE
SOUTH GATE, CALIFORNIA

SITE LOCATION MAP

SCALE: 1:24,000
FEBRUARY 2018

FIGURE 1

G:\38945_CooperDrum\Global\GIS\MapProjects\38945-145-0001-SiteLocation.mxd



LEGEND

- PROPERTY BOUNDARY
- DPE-2 — EXISTING DUAL PHASE EXTRACTION WELL LOCATION
- SVE-7 — EXISTING SOIL VAPOR EXTRACTION WELL LOCATION
- VP-7 — EXISTING VAPOR MONITORING POINT LOCATION (ACCESSIBLE)

NOTES

1. ALL LOCATIONS AND DIMENSIONS ARE APPROXIMATE
2. WELLS SVE-1 AND SVE-2 WERE RENAMED TO DPE-1 AND DPE-7 WHEN THEY WERE RECONFIGURED TO OPERATE AS DUAL PHASE EXTRACTION WELLS.
3. WELL LOCATIONS BASED ON INFORMATION PROVIDED BY URS OR CALVADA SURVEYING, INC.
4. PROPERTY BOUNDARY BASED ON A PARCEL MAP PROVIDED BY "OFFICE OF THE ASSESSOR, COUNTY OF LOS ANGELES", 2016, PA# 6222-5.

HALEY ALDRICH

COOPER DRUM COMPANY SUPERFUND SITE
SOUTH GATE, CALIFORNIA

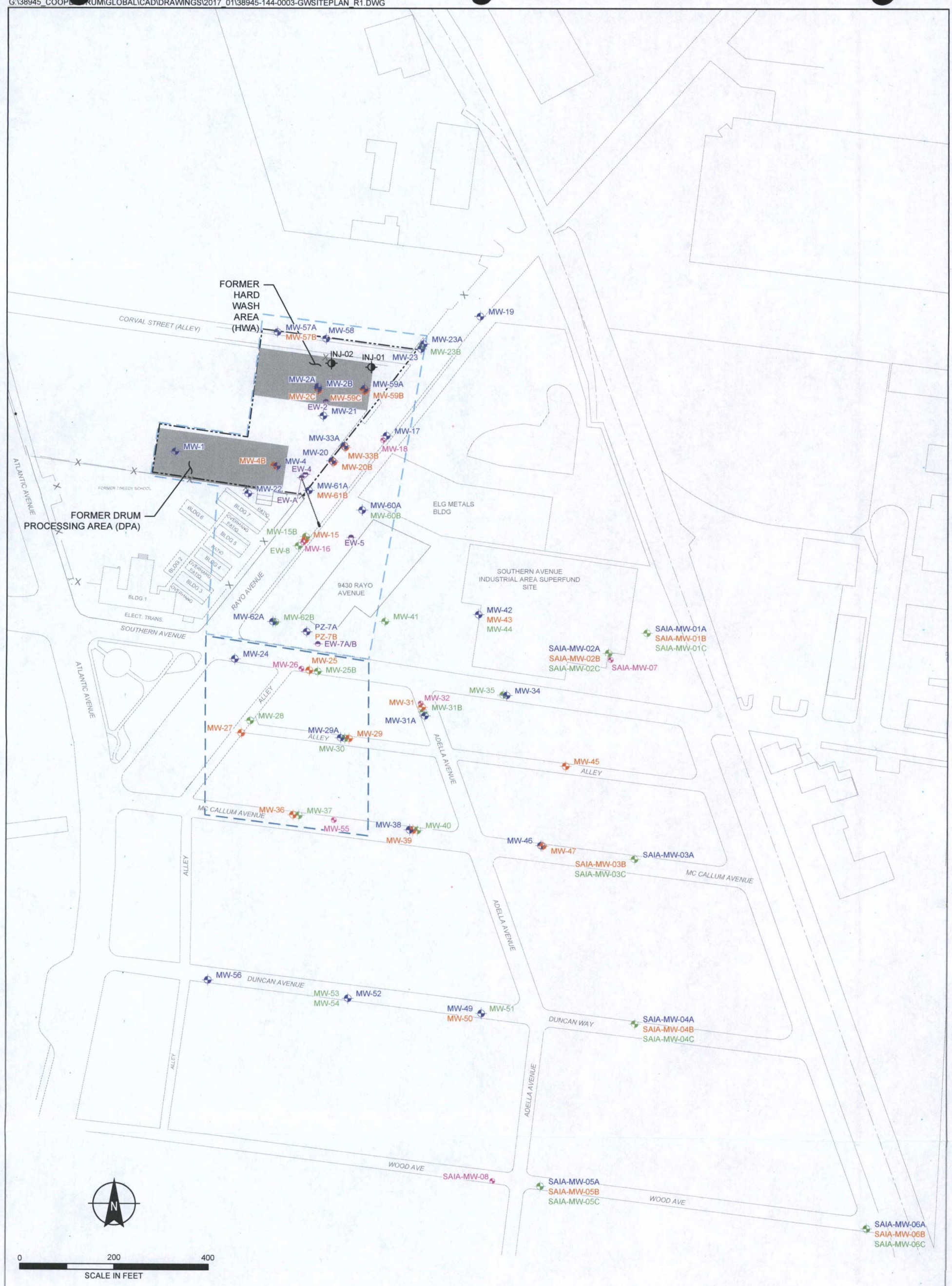
EXTRACTION WELLS AND MONITORING WELL POINTS FOR OU2

SCALE: AS SHOWN
FEBRUARY 2018

FIGURE 2

MOBINI, DARIUSH Printed: 2/21/2017 10:51 AM Layout: FIG2
G:\38945_COOPERDRUM\GLOBAL\CAD\DRAWINGS\2017_01\38945-144-0002-WELLLOCATIONS_R1.DWG

MOBINI, DARIU[redacted] Printed: 2/21/2017 10:52 AM Layout: FIG2
G:\38945_COOP[redacted]RUM\GLOBAL\CAD\DRAWINGS\2017_01\38945-144-0003-GWSITEPLAN_R1.DWG



LEGEND

- WELL SCREEN INTERCEPTS THE SHALLOW GASPUR AQUIFER
- WELL SCREEN INTERCEPTS THE INTERMEDIATE GASPUR AQUIFER
- WELL SCREEN INTERCEPTS THE LOWER GASPUR AQUIFER
- WELL SCREEN INTERCEPTS THE EXPOSITION AQUIFER
- EXISTING EXTRACTION WELL
- EXISTING EXTRACTION WELL (NOT OPERATIONAL)
- INJECTION WELL
- PROPERTY BOUNDARY
- RAILROAD
- ANGLED WELL
- PHASE I OU1 REMEDIAL ACTION AREA
- PHASE II OU1 REMEDIAL ACTION AREA

NOTES

1. ALL LOCATIONS AND DIMENSIONS ARE APPROXIMATE.
2. PROPERTY BOUNDARY BASED ON A PARCEL MAP PROVIDED BY "OFFICE OF THE ASSESSOR, COUNTY OF LOS ANGELES", 2016, PA# 6222-5.

HALEY ALDRICH

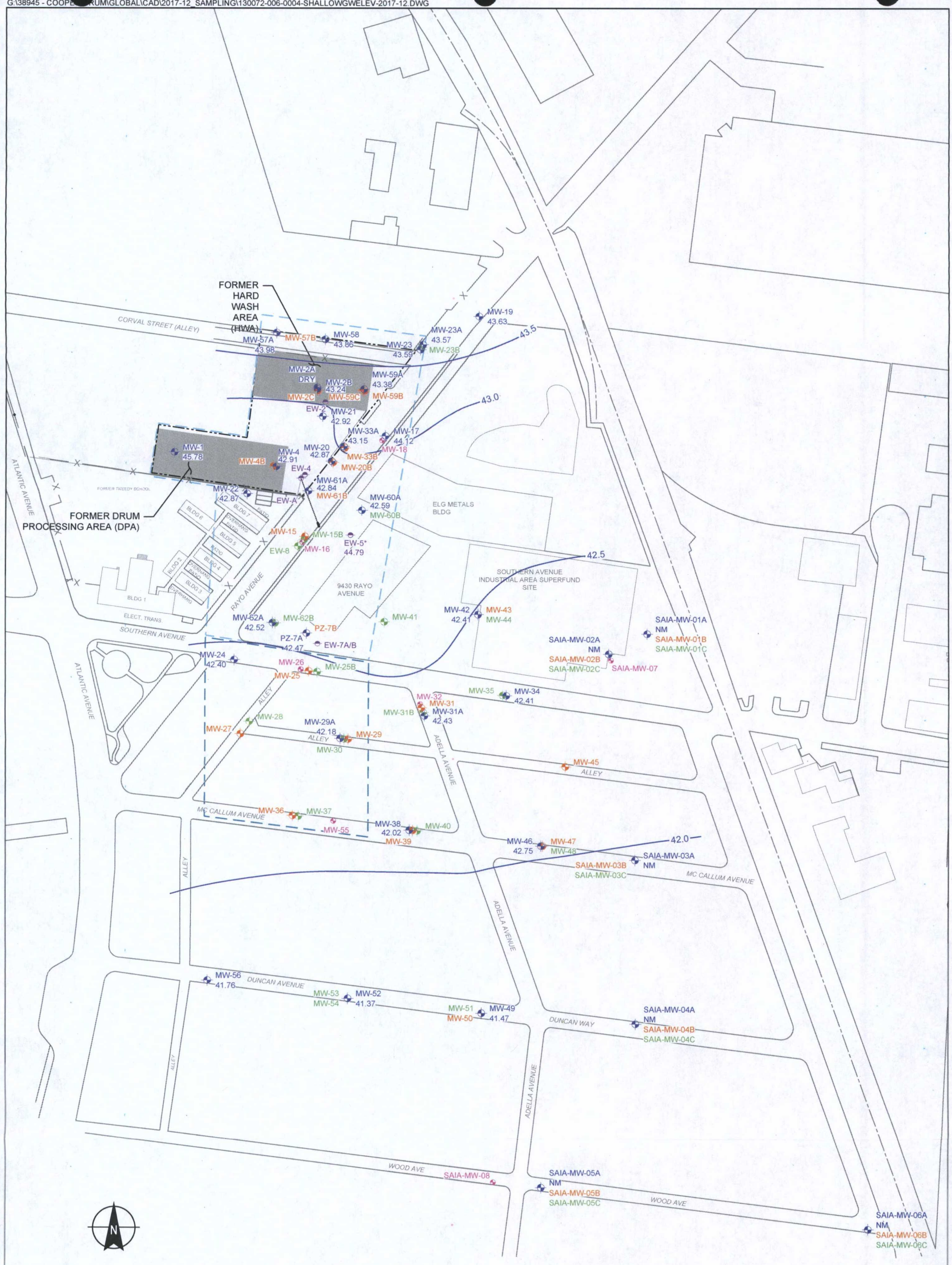
COOPER DRUM COMPANY SUPERFUND SITE
SOUTH GATE, CALIFORNIA

EXTRACTION WELLS AND MONITORING WELL POINTS FOR OU1

SCALE: AS SHOWN
FEBRUARY 2018

FIGURE 3

MARCH, HEATHE[redacted] Printed: 2/8/2018 8:05 PM Layout: FIG4
G:\38945 - COOPE[redacted]RUM\GLOBAL\CAD\2017-12_SAMPLING\130072-006-0004-SHALLOWGWELEV-2017-12.DWG



LEGEND

- WELL SCREEN INTERCEPTS THE SHALLOW GASPUR AQUIFER
- WELL SCREEN INTERCEPTS THE INTERMEDIATE GASPUR AQUIFER
- WELL SCREEN INTERCEPTS THE LOWER GASPUR AQUIFER
- WELL SCREEN INTERCEPTS THE EXPOSITION AQUIFER
- EXISTING EXTRACTION WELL
- GROUNDWATER ELEVATION CONTOUR IN FEET ABOVE MEAN SEA LEVEL (MSL)
- PROPERTY BOUNDARY
- RAILROAD
- ANGLED WELL
- PHASE I OU1 REMEDIAL ACTION AREA
- PHASE II OU1 REMEDIAL ACTION AREA

NOTES

1. ALL LOCATIONS AND DIMENSIONS ARE APPROXIMATE
2. PROPERTY BOUNDARY BASED ON A PARCEL MAP PROVIDED BY "OFFICE OF THE ASSESSOR, COUNTY OF LOS ANGELES", 2016, PA# 6222-5.
3. GROUNDWATER ELEVATION MEASUREMENTS MADE ON 4 & 5 DECEMBER 2017.
4. CONTOURS ARE BASED ONLY ON GROUNDWATER ELEVATION VALUES FOR THE SHALLOW GASPUR AQUIFER.
5. * : WELL WAS NOT USED FOR CONTOURING

HALEY ALDRICH

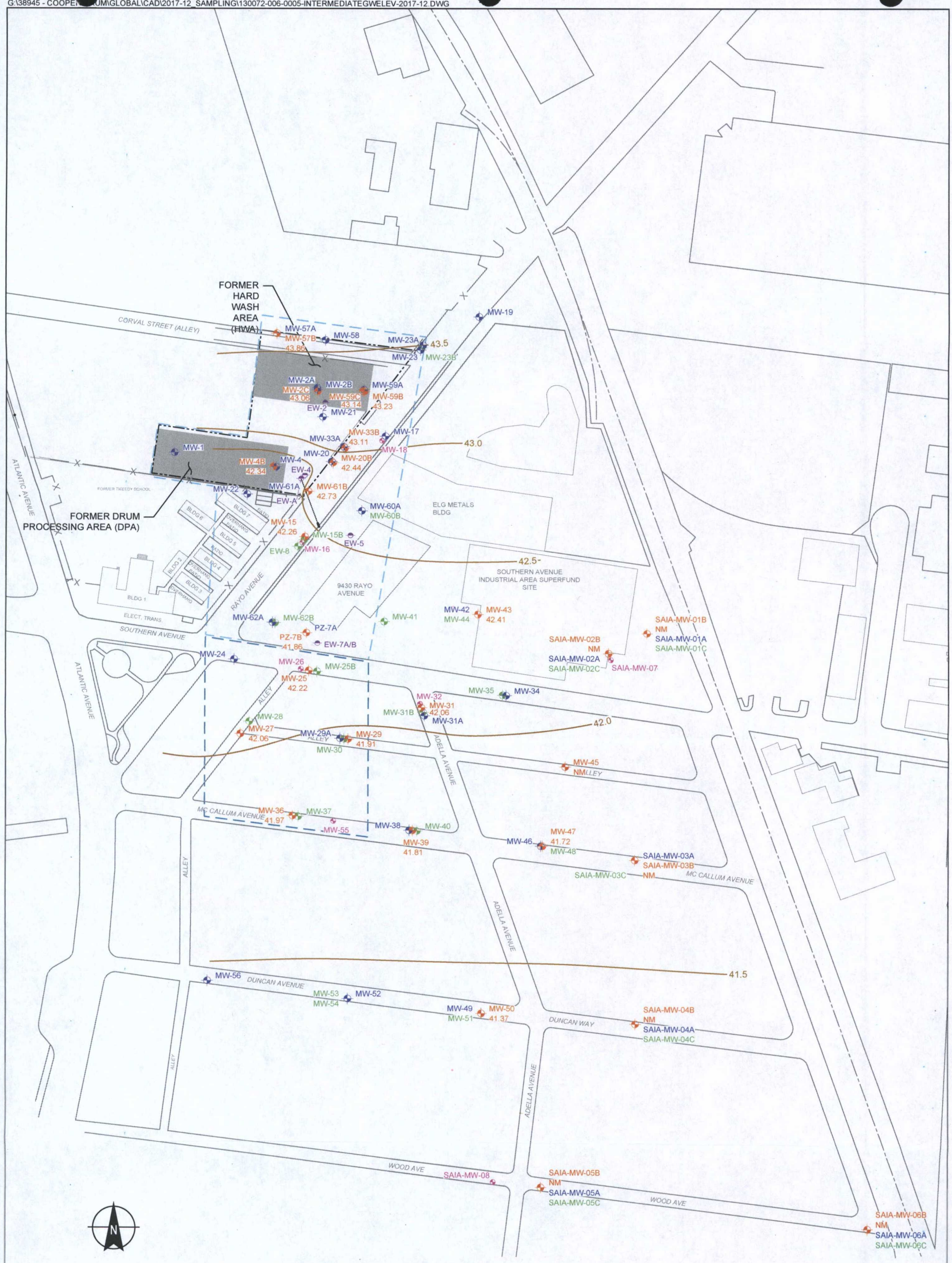
COOPER DRUM COMPANY SUPERFUND SITE
SOUTH GATE, CALIFORNIA

SHALLOW GASPUR GROUNDWATER ELEVATION MAP DECEMBER 2017

SCALE: AS SHOWN
FEBRUARY 2018

FIGURE 4

MARCH, HEATHE[redacted] Printed: 2/14/2018 3:43 PM Layout: FIG5
G:\38945 - COOPE[redacted]UM\GLOBAL\CAD\2017-12_SAMPLING\130072-006-0005-INTERMEDIATEGWELEV-2017-12.DWG



LEGEND

- WELL SCREEN INTERCEPTS THE SHALLOW GASPUR AQUIFER
- WELL SCREEN INTERCEPTS THE INTERMEDIATE GASPUR AQUIFER
- WELL SCREEN INTERCEPTS THE LOWER GASPUR AQUIFER
- WELL SCREEN INTERCEPTS THE EXPOSITION AQUIFER
- EXISTING EXTRACTION WELL
- 52 GROUNDWATER ELEVATION CONTOUR IN FEET ABOVE MEAN SEA LEVEL (MSL)
- PROPERTY BOUNDARY
- RAILROAD
- ANGLED WELL
- PHASE I OU1 REMEDIAL ACTION AREA
- PHASE II OU1 REMEDIAL ACTION AREA

NOTES

1. ALL LOCATIONS AND DIMENSIONS ARE APPROXIMATE
2. PROPERTY BOUNDARY BASED ON A PARCEL MAP PROVIDED BY "OFFICE OF THE ASSESSOR, COUNTY OF LOS ANGELES", 2016, PA# 6222-5.
3. GROUNDWATER ELEVATION MEASUREMENTS MADE ON 4 & 5 DECEMBER 2017.
4. CONTOURS ARE BASED ONLY ON GROUNDWATER ELEVATION VALUES FOR THE INTERMEDIATE GASPUR AQUIFER.
5. * WELL WAS NOT USED FOR CONTOURING.

HALEY ALDRICH

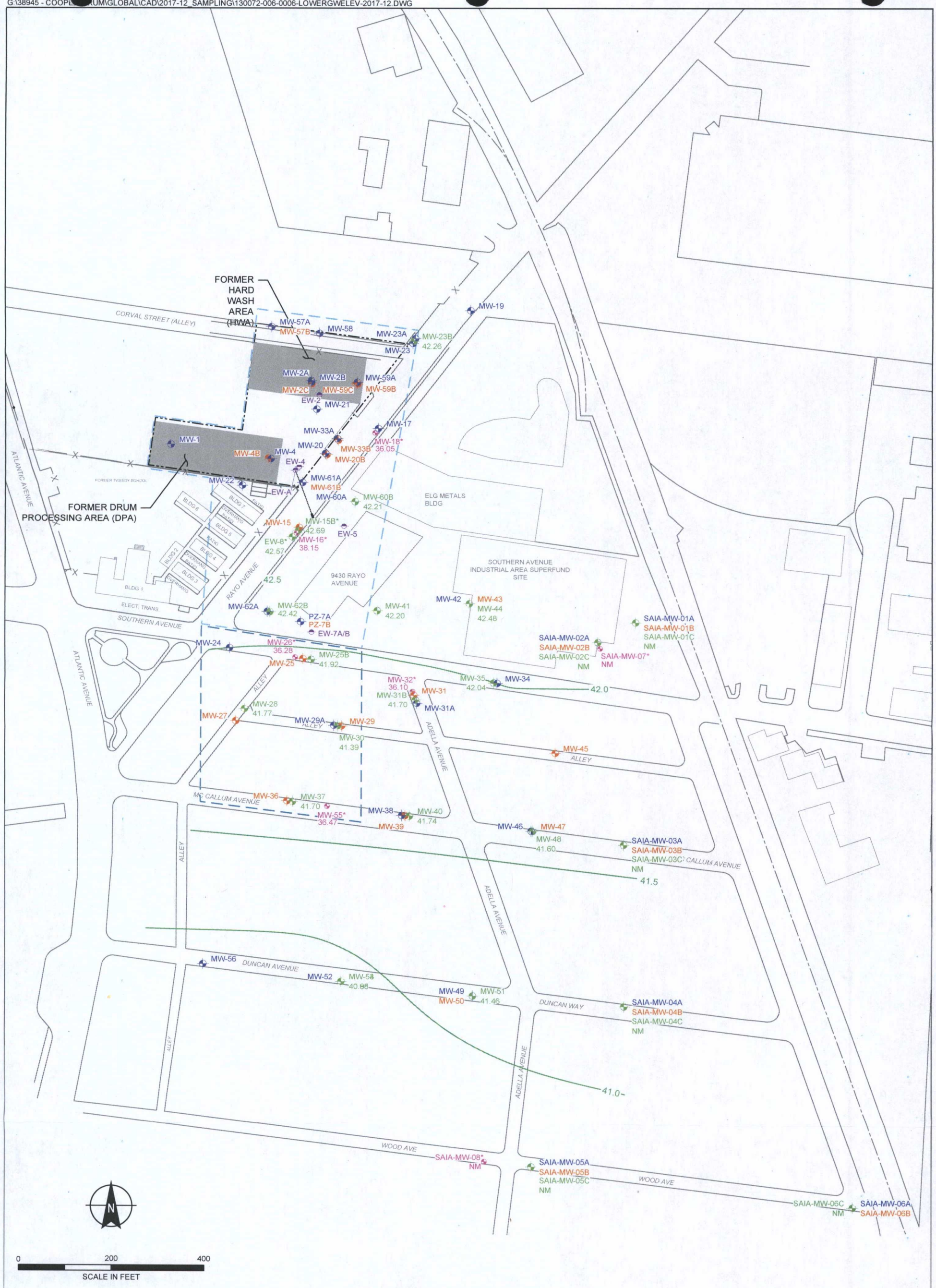
COOPER DRUM COMPANY SUPERFUND SITE
SOUTH GATE, CALIFORNIA

INTERMEDIATE GASPUR GROUNDWATER ELEVATION MAP DECEMBER 2017

SCALE: AS SHOWN
FEBRUARY 2018

FIGURE 5

MARCH, HEATHE[redacted] Printed: 2/8/2018 8:02 PM Layout: FIG6
G:\38945 - COOPE[redacted]UM\GLOBAL\CAD\2017-12_SAMPLING\130072-006-0006-LOWERGWELEV-2017-12.DWG



LEGEND

- WELL SCREEN INTERCEPTS THE SHALLOW GASPUR AQUIFER
- WELL SCREEN INTERCEPTS THE INTERMEDIATE GASPUR AQUIFER
- WELL SCREEN INTERCEPTS THE LOWER GASPUR AQUIFER
- WELL SCREEN INTERCEPTS THE EXPOSITION AQUIFER
- EXISTING EXTRACTION WELL
- GROUNDWATER ELEVATION CONTOUR IN FEET ABOVE MEAN SEA LEVEL (MSL)
- PROPERTY BOUNDARY
- RAILROAD
- ANGLED WELL
- PHASE I OU1 REMEDIAL ACTION AREA
- PHASE II OU1 REMEDIAL ACTION AREA

NOTES

1. ALL LOCATIONS AND DIMENSIONS ARE APPROXIMATE
2. PROPERTY BOUNDARY BASED ON A PARCEL MAP PROVIDED BY "OFFICE OF THE ASSESSOR, COUNTY OF LOS ANGELES", 2016, PA# 6222-5.
3. GROUNDWATER ELEVATION MEASUREMENTS MADE ON 4 & 5 DECEMBER 2017.
4. * : WELL WAS NOT USED FOR CONTOURING
5. NM: NOT MEASURED

HALEY ALDRICH

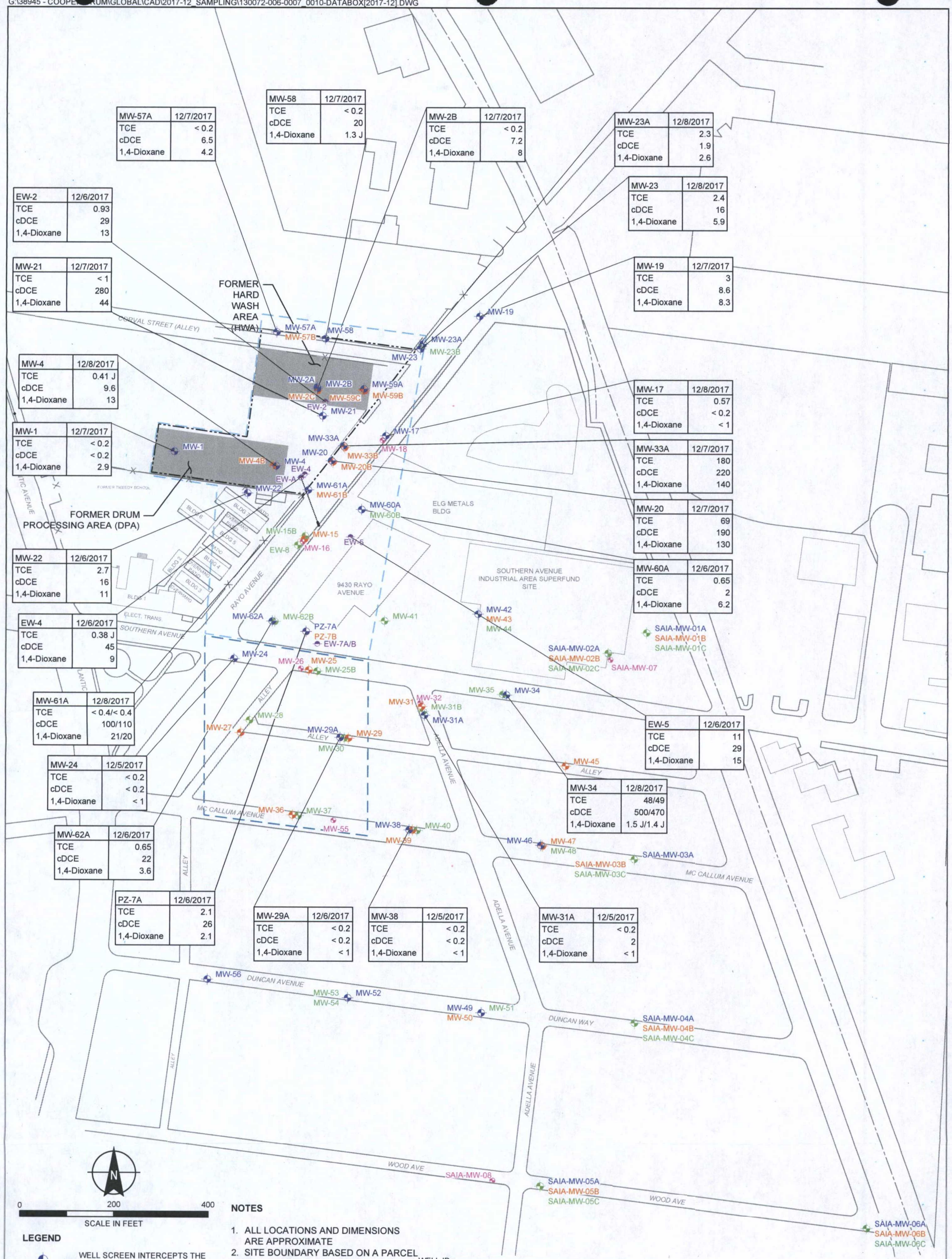
COOPER DRUM COMPANY SUPERFUND SITE
SOUTH GATE, CALIFORNIA

LOWER GASPUR AND EXPOSITION AQUIFER GROUNDWATER ELEVATION MAP - DECEMBER 2017

SCALE: AS SHOWN
FEBRUARY 2018

FIGURE 6

MARCH, HEATHE Printed: 1/18/2018 4:10 PM Layout: FIG7
G:\38945 - COOPE RUM\GLOBAL\CAD\2017-12_SAMPLING\130072-006-0007_0010-DATABOX[2017-12].DWG



LEGEND

- WELL SCREEN INTERCEPTS THE SHALLOW GASPUR AQUIFER
- WELL SCREEN INTERCEPTS THE INTERMEDIATE GASPUR AQUIFER
- WELL SCREEN INTERCEPTS THE LOWER GASPUR AQUIFER
- WELL SCREEN INTERCEPTS THE EXPOSITION AQUIFER
- EXISTING EXTRACTION WELL
- SITE BOUNDARY
- RAILROAD
- ANGLED WELL
- PHASE I OU1 REMEDIAL ACTION AREA
- PHASE II OU1 REMEDIAL ACTION AREA

NOTES

1. ALL LOCATIONS AND DIMENSIONS ARE APPROXIMATE
2. SITE BOUNDARY BASED ON A PARCEL MAP PROVIDED BY "OFFICE OF THE ASSESSOR, COUNTY OF LOS ANGELES", 2016, PA# 6222-5.
3. CONCENTRATIONS ARE IN ug/l
4. ug/l = MICROGRAMS PER LITER
5. / = DUPLICATE RESULTS
6. < = NOT DETECTED AT OR ABOVE LABORATORY REPORTING LIMIT SHOWN
7. J = ESTIMATED VALUE
8. UJ = ESTIMATED VALUE; VALUE IS BELOW DETECTION LIMIT
9. cDCE = cis-1,2-DICHLOROETHENE
10. TCE = TRICHLOROETHENE
11. TBD: TO BE DETERMINED BASED ON A FUTURE DECISION DOCUMENT PROMULGATED BY EPA OR DURING THE FIRST FIVE YEAR REVIEW FOR THE SITE.

WELL ID — SAMPLING DATE

MW-57A	6/10/2015	CLEAN UP LEVEL
TCE	1.1	5.0
cDCE	16	6.0
1,4-Dioxane	22	TBD

ANALYTE NAME — CONCENTRATION

HALEY ALDRICH

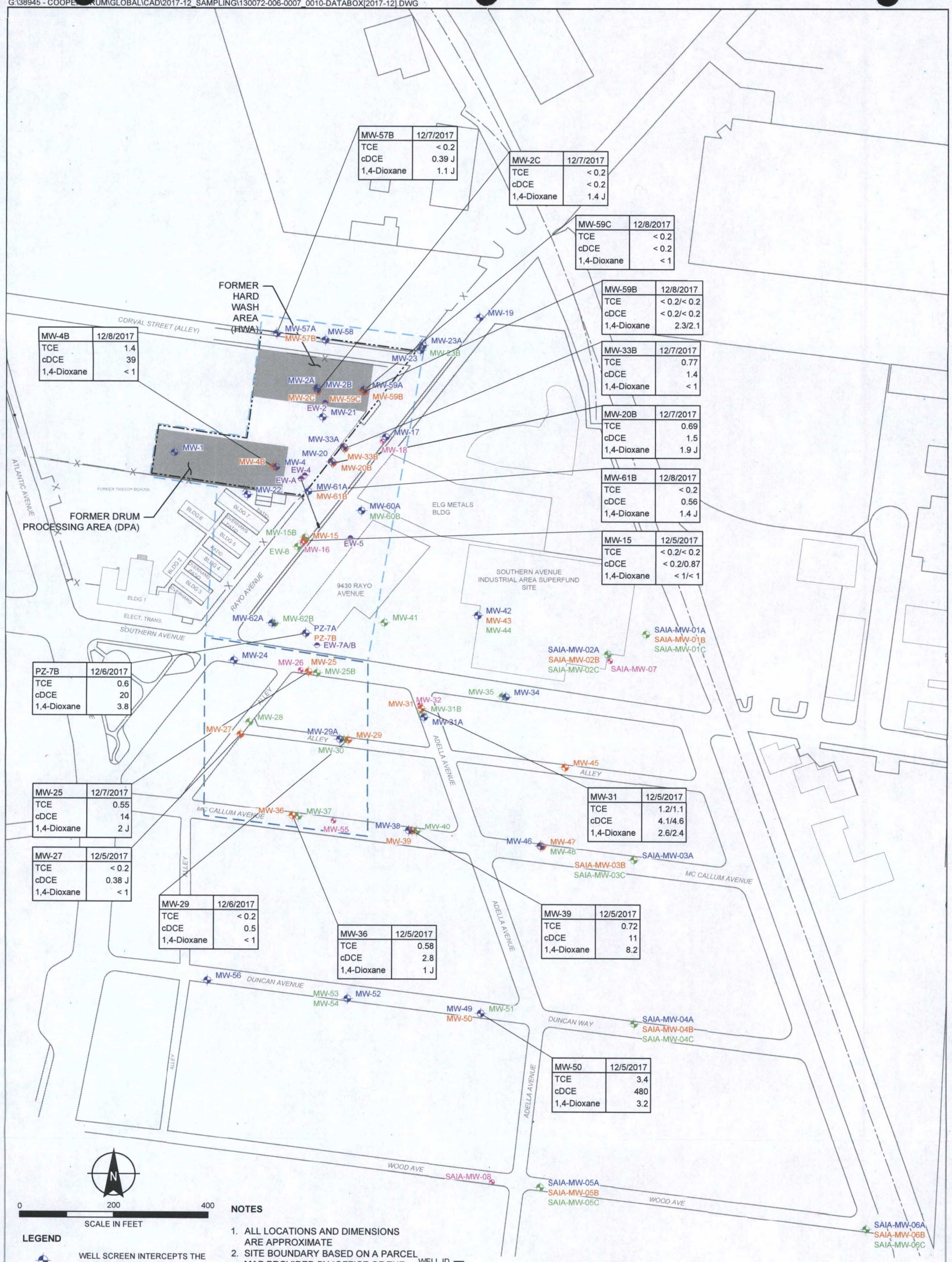
COOPER DRUM COMPANY SUPERFUND SITE
SOUTH GATE, CALIFORNIA

TCE, cDCE, AND 1,4-DIOXANE
SHALLOW GASPUR GROUNDWATER
DECEMBER 2017

SCALE: AS SHOWN
FEBRUARY 2018

FIGURE 7

MARCH, HEATHE Printed: 1/18/2018 4:11 PM Layout: FIG8
G:\38945 - COOPE RUM\GLOBAL\CAD\2017-12_SAMPLING\130072-006-0007_0010-DATABOX[2017-12].DWG



MW-57B	12/7/2017
TCE	< 0.2
cDCE	0.39 J
1,4-Dioxane	1.1 J

MW-2C	12/7/2017
TCE	< 0.2
cDCE	< 0.2
1,4-Dioxane	1.4 J

MW-59C	12/8/2017
TCE	< 0.2
cDCE	< 0.2
1,4-Dioxane	< 1

MW-59B	12/8/2017
TCE	< 0.2/< 0.2
cDCE	< 0.2/< 0.2
1,4-Dioxane	2.3/2.1

MW-4B	12/8/2017
TCE	1.4
cDCE	39
1,4-Dioxane	< 1

MW-33B	12/7/2017
TCE	0.77
cDCE	1.4
1,4-Dioxane	< 1

MW-20B	12/7/2017
TCE	0.69
cDCE	1.5
1,4-Dioxane	1.9 J

MW-61B	12/8/2017
TCE	< 0.2
cDCE	0.56
1,4-Dioxane	1.4 J

MW-15	12/5/2017
TCE	< 0.2/< 0.2
cDCE	< 0.2/0.87
1,4-Dioxane	< 1/< 1

PZ-7B	12/6/2017
TCE	0.6
cDCE	20
1,4-Dioxane	3.8

MW-25	12/7/2017
TCE	0.55
cDCE	14
1,4-Dioxane	2 J

MW-27	12/5/2017
TCE	< 0.2
cDCE	0.38 J
1,4-Dioxane	< 1

MW-29	12/6/2017
TCE	< 0.2
cDCE	0.5
1,4-Dioxane	< 1

MW-36	12/5/2017
TCE	0.58
cDCE	2.8
1,4-Dioxane	1 J

MW-31	12/5/2017
TCE	1.2/1.1
cDCE	4.1/4.6
1,4-Dioxane	2.6/2.4

MW-39	12/5/2017
TCE	0.72
cDCE	11
1,4-Dioxane	8.2

MW-50	12/5/2017
TCE	3.4
cDCE	480
1,4-Dioxane	3.2

LEGEND

- WELL SCREEN INTERCEPTS THE SHALLOW GASPUR AQUIFER
- WELL SCREEN INTERCEPTS THE INTERMEDIATE GASPUR AQUIFER
- WELL SCREEN INTERCEPTS THE LOWER GASPUR AQUIFER
- WELL SCREEN INTERCEPTS THE EXPOSITION AQUIFER
- EXISTING EXTRACTION WELL
- SITE BOUNDARY
- RAILROAD
- ANGLED WELL
- PHASE I OU1 REMEDIAL ACTION AREA
- PHASE II OU1 REMEDIAL ACTION AREA

NOTES

1. ALL LOCATIONS AND DIMENSIONS ARE APPROXIMATE
2. SITE BOUNDARY BASED ON A PARCEL MAP PROVIDED BY "OFFICE OF THE ASSESSOR, COUNTY OF LOS ANGELES", 2016, PA# 6222-5.
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6. < = NOT DETECTED AT OR ABOVE LABORATORY REPORTING LIMIT SHOWN
7. J = ESTIMATED VALUE
8. UJ = ESTIMATED VALUE; VALUE IS BELOW DETECTION LIMIT
9. cDCE = cis-1,2-DICHLOROETHENE
10. TCE = TRICHLOROETHENE
11. TBD: TO BE DETERMINED BASED ON A FUTURE DECISION DOCUMENT PROMULGATED BY EPA OR DURING THE FIRST FIVE YEAR REVIEW FOR THE SITE.

WELL ID — SAMPLING DATE

MW-57A	6/10/2015	CLEAN UP LEVEL
TCE	1.1	5.0
cDCE	16	6.0
1,4-Dioxane	22	TBD

ANALYTE NAME — CONCENTRATION

HALEY ALDRICH

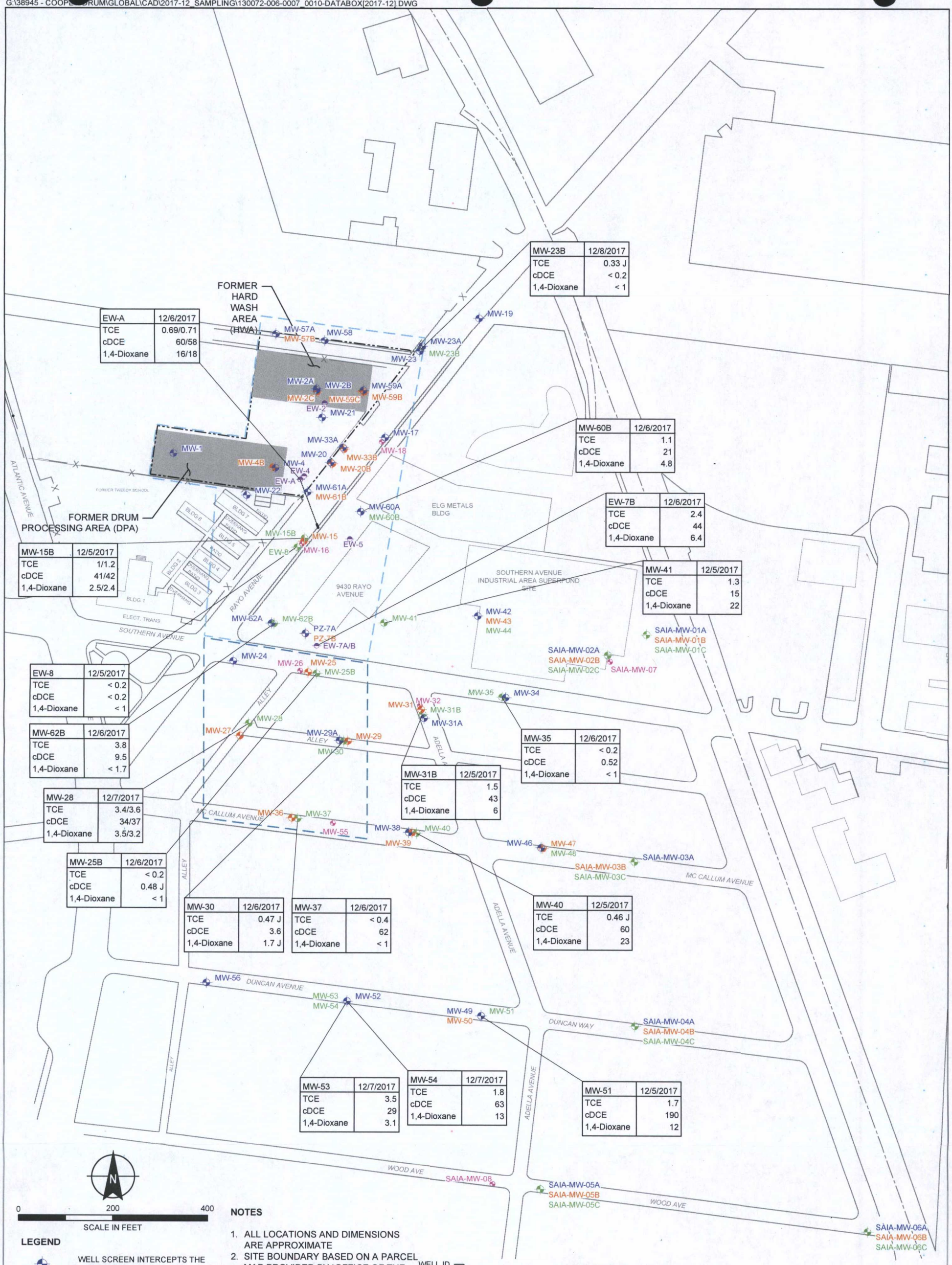
COOPER DRUM COMPANY SUPERFUND SITE
SOUTH GATE, CALIFORNIA

TCE, cDCE, AND 1,4-DIOXANE INTERMEDIATE GASPUR GROUNDWATER - DECEMBER 2017

SCALE: AS SHOWN
FEBRUARY 2018

FIGURE 8

MARCH, HEATH[redacted] Printed: 1/18/2018 4:11 PM Layout: FIG9
G:\38945 - COOP[redacted]RUM\GLOBAL\CAD\2017-12_SAMPLING\130072-006-0007_0010-DATABOX[2017-12].DWG



MW-23B	12/8/2017
TCE	0.33 J
cDCE	< 0.2
1,4-Dioxane	< 1

EW-A	12/6/2017
TCE	0.69/0.71
cDCE	60/58
1,4-Dioxane	16/18

MW-60B	12/6/2017
TCE	1.1
cDCE	21
1,4-Dioxane	4.8

EW-7B	12/6/2017
TCE	2.4
cDCE	44
1,4-Dioxane	6.4

MW-41	12/5/2017
TCE	1.3
cDCE	15
1,4-Dioxane	22

MW-15B	12/5/2017
TCE	1/1.2
cDCE	41/42
1,4-Dioxane	2.5/2.4

EW-8	12/5/2017
TCE	< 0.2
cDCE	< 0.2
1,4-Dioxane	< 1

MW-62B	12/6/2017
TCE	3.8
cDCE	9.5
1,4-Dioxane	< 1.7

MW-28	12/7/2017
TCE	3.4/3.6
cDCE	34/37
1,4-Dioxane	3.5/3.2

MW-25B	12/6/2017
TCE	< 0.2
cDCE	0.48 J
1,4-Dioxane	< 1

MW-30	12/6/2017
TCE	0.47 J
cDCE	3.6
1,4-Dioxane	1.7 J

MW-37	12/6/2017
TCE	< 0.4
cDCE	62
1,4-Dioxane	< 1

MW-31B	12/5/2017
TCE	1.5
cDCE	43
1,4-Dioxane	6

MW-35	12/6/2017
TCE	< 0.2
cDCE	0.52
1,4-Dioxane	< 1

MW-40	12/5/2017
TCE	0.46 J
cDCE	60
1,4-Dioxane	23

MW-53	12/7/2017
TCE	3.5
cDCE	29
1,4-Dioxane	3.1

MW-54	12/7/2017
TCE	1.8
cDCE	63
1,4-Dioxane	13

MW-51	12/5/2017
TCE	1.7
cDCE	190
1,4-Dioxane	12

LEGEND

- WELL SCREEN INTERCEPTS THE SHALLOW GASPUR AQUIFER
- WELL SCREEN INTERCEPTS THE INTERMEDIATE GASPUR AQUIFER
- WELL SCREEN INTERCEPTS THE LOWER GASPUR AQUIFER
- WELL SCREEN INTERCEPTS THE EXPOSITION AQUIFER
- EXISTING EXTRACTION WELL
- SITE BOUNDARY
- RAILROAD
- ANGLED WELL
- PHASE I OU1 REMEDIAL ACTION AREA
- PHASE II OU1 REMEDIAL ACTION AREA

NOTES

1. ALL LOCATIONS AND DIMENSIONS ARE APPROXIMATE
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7. J = ESTIMATED VALUE
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9. cDCE = cis-1,2-DICHLOROETHENE
10. TCE = TRICHLOROETHENE
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WELL ID — SAMPLING DATE

MW-57A	6/10/2015	CLEAN UP LEVEL
TCE	1.1	5.0
cDCE	16	6.0
1,4-Dioxane	22	TBD

ANALYTE NAME — CONCENTRATION

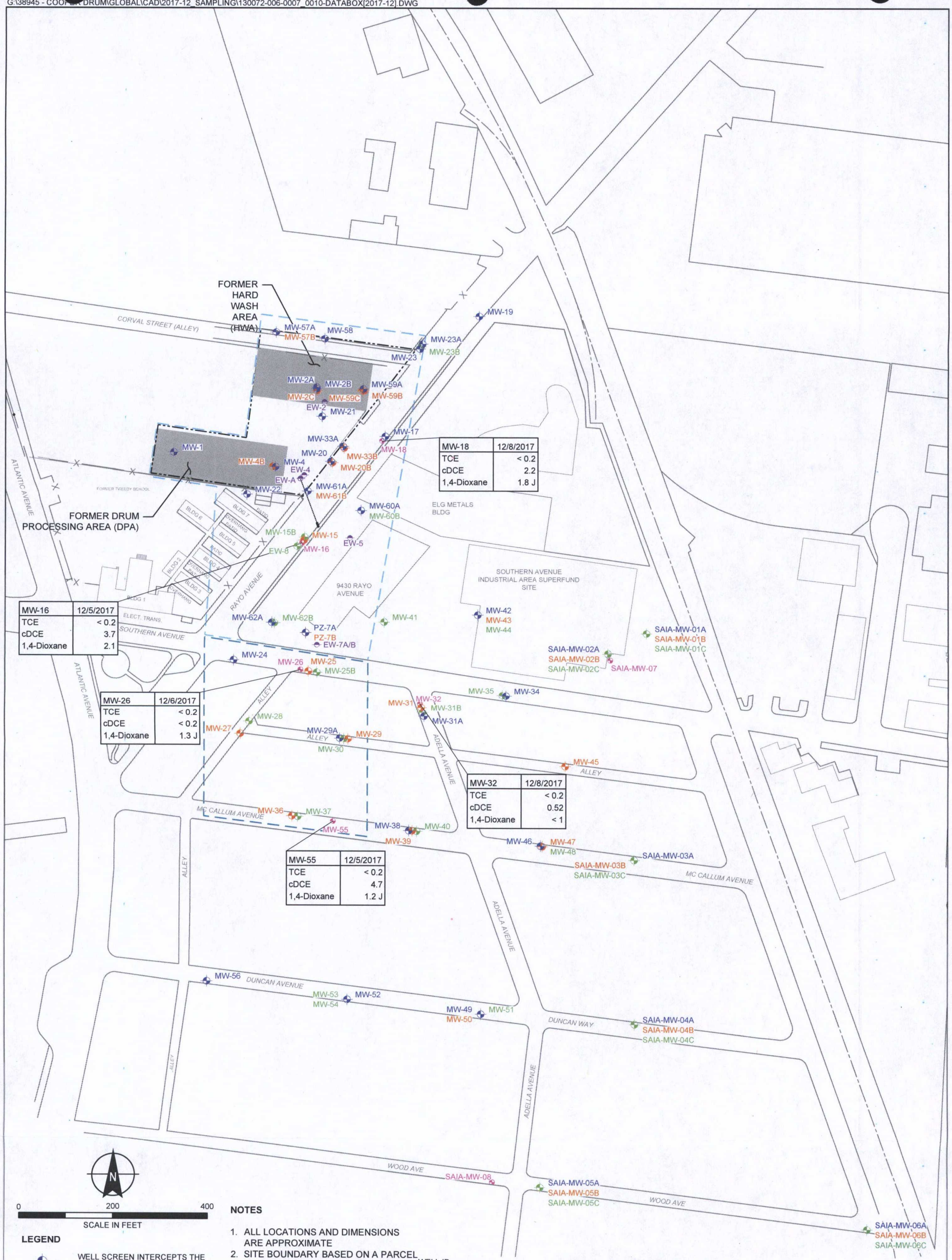
HALEY ALDRICH

COOPER DRUM COMPANY SUPERFUND SITE
SOUTH GATE, CALIFORNIA

TCE, cDCE, AND 1,4-DIOXANE
LOWER GASPUR GROUNDWATER
DECEMBER 2017

SCALE: AS SHOWN
FEBRUARY 2018

FIGURE 9



MW-18	12/8/2017
TCE	< 0.2
cDCE	2.2
1,4-Dioxane	1.8 J

MW-16	12/5/2017
TCE	< 0.2
cDCE	3.7
1,4-Dioxane	2.1

MW-26	12/6/2017
TCE	< 0.2
cDCE	< 0.2
1,4-Dioxane	1.3 J

MW-32	12/8/2017
TCE	< 0.2
cDCE	0.52
1,4-Dioxane	< 1

MW-55	12/5/2017
TCE	< 0.2
cDCE	4.7
1,4-Dioxane	1.2 J

LEGEND

- WELL SCREEN INTERCEPTS THE SHALLOW GASPUR AQUIFER
- WELL SCREEN INTERCEPTS THE INTERMEDIATE GASPUR AQUIFER
- WELL SCREEN INTERCEPTS THE LOWER GASPUR AQUIFER
- WELL SCREEN INTERCEPTS THE EXPOSITION AQUIFER
- EXISTING EXTRACTION WELL
- SITE BOUNDARY
- RAILROAD
- ANGLED WELL
- PHASE I OU1 REMEDIAL ACTION AREA
- PHASE II OU1 REMEDIAL ACTION AREA

NOTES

1. ALL LOCATIONS AND DIMENSIONS ARE APPROXIMATE
2. SITE BOUNDARY BASED ON A PARCEL MAP PROVIDED BY "OFFICE OF THE ASSESSOR, COUNTY OF LOS ANGELES", 2016, PA# 6222-5.
3. CONCENTRATIONS ARE IN ug/l
4. ug/l = MICROGRAMS PER LITER
5. / = DUPLICATE RESULTS
6. < = NOT DETECTED AT OR ABOVE LABORATORY REPORTING LIMIT SHOWN
7. J = ESTIMATED VALUE
8. UJ = ESTIMATED VALUE; VALUE IS BELOW DETECTION LIMIT
9. cDCE = cis-1,2-DICHLOROETHENE
10. TCE = TRICHLOROETHENE
11. TBD: TO BE DETERMINED BASED ON A FUTURE DECISION DOCUMENT PROMULGATED BY EPA OR DURING THE FIRST FIVE YEAR REVIEW FOR THE SITE.

WELL ID — SAMPLING DATE

MW-57A	6/10/2015	CLEAN UP LEVEL
TCE	1.1	5.0
cDCE	16	6.0
1,4-Dioxane	22	TBD

ANALYTE NAME — CONCENTRATION

HALEY ALDRICH

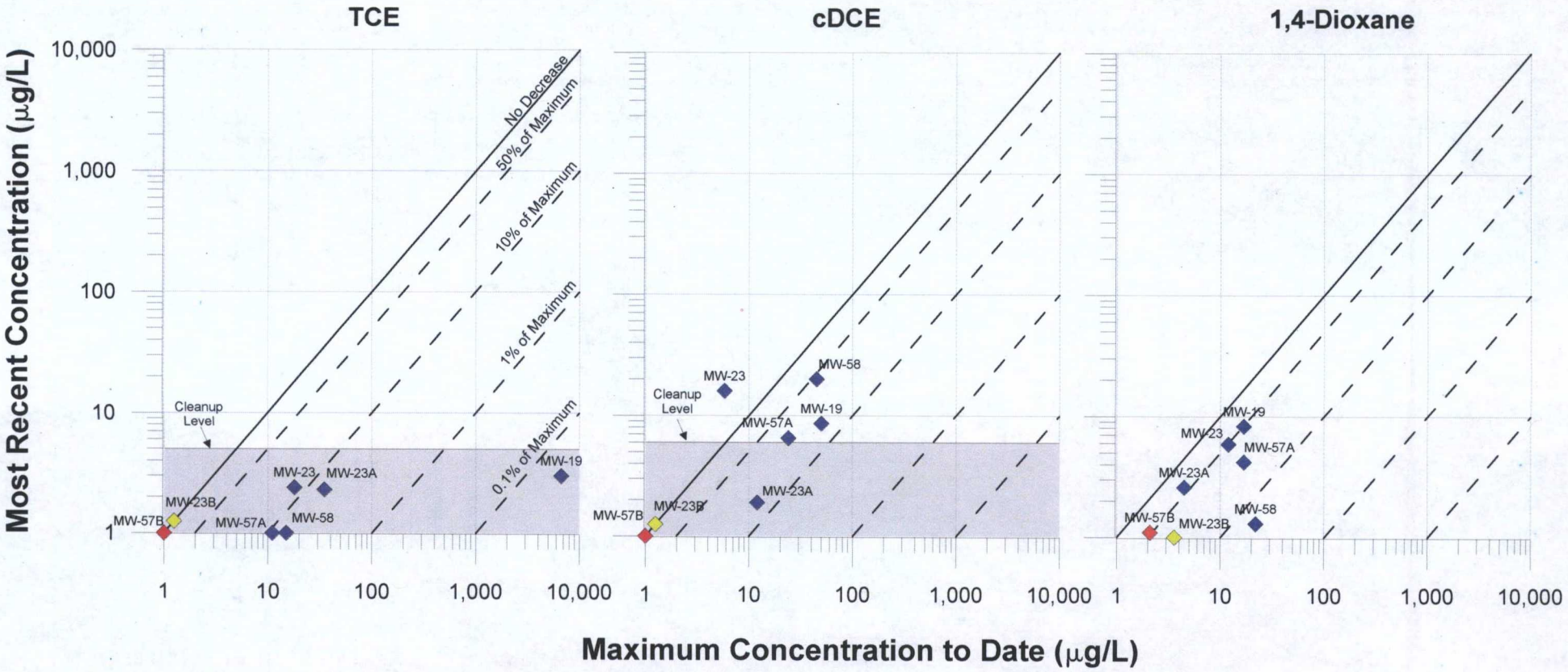
COOPER DRUM COMPANY SUPERFUND SITE
SOUTH GATE, CALIFORNIA

TCE, cDCE, AND 1,4-DIOXANE EXPOSITION GROUNDWATER DECEMBER 2017

SCALE: AS SHOWN
FEBRUARY 2018

FIGURE 10

Upgradient Wells



Abbreviations

cDCE = cis-1,2-dichloroethene
COCs = chemicals of concern
TCE = trichloroethene
$\mu g/L^3$ = micrograms per liter

- Shallow Gaspur
- Lower Gaspur
- Intermediate Gaspur

HALEY ALDRICH

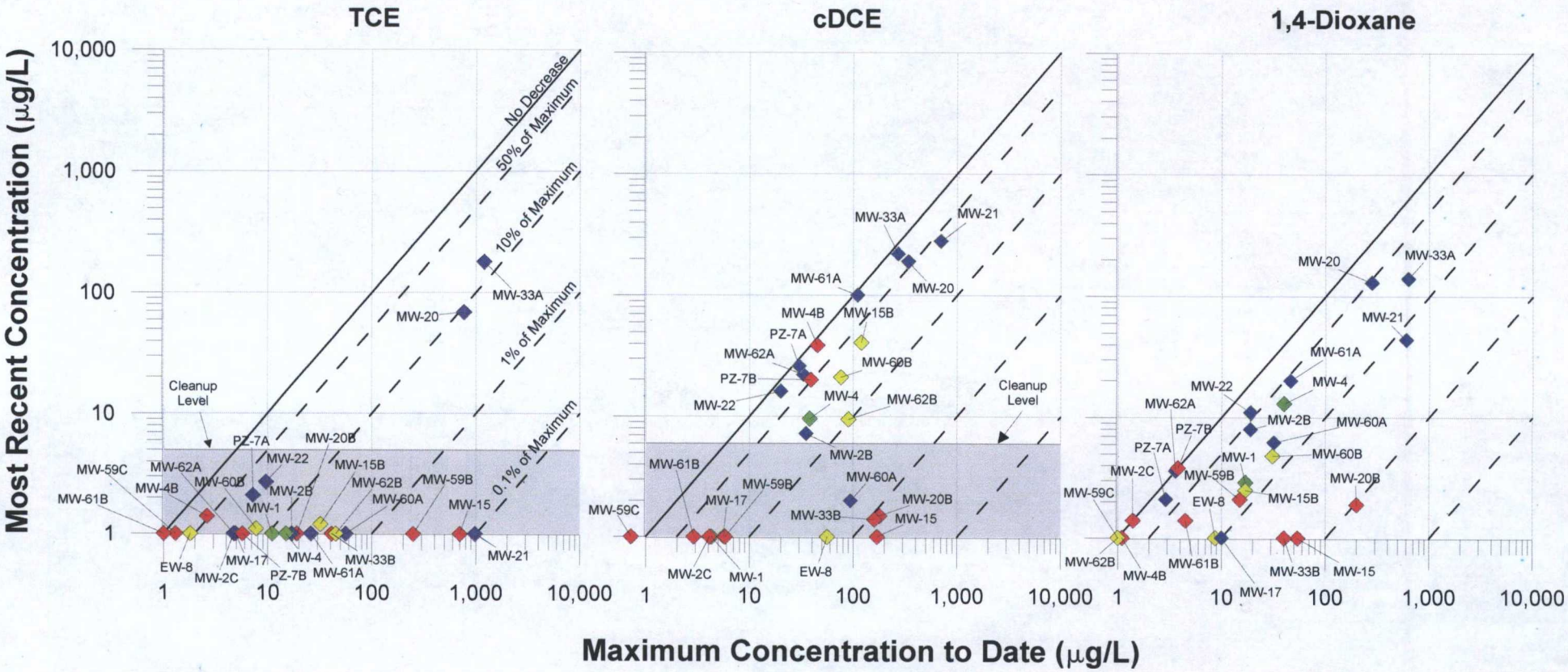
COOPER DRUM COMPANY SUPERFUND SITE
SOUTH GATE, CALIFORNIA

MOST RECENT TOTAL COCS VS.MAXIMUM HISTORICAL TOTAL COCS IN GROUNDWATER - UPGRADIENT LOCATIONS

FEBRUARY 2018

FIGURE 11

Phase 1 Remedial Action Wells



Abbreviations

cDCE = cis-1,2-dichloroethene
COCs = chemicals of concern
TCE = trichloroethene
$\mu g/L^3$ = micrograms per liter

Notes

1. Non-detect concentrations depicted as having a concentration of 1 µg/L for plotting purposes.

- Lower Gaspur
- Shallow/Intermediate
- Intermediate Gaspur
- Shallow Gaspur

HALEY ALDRICH

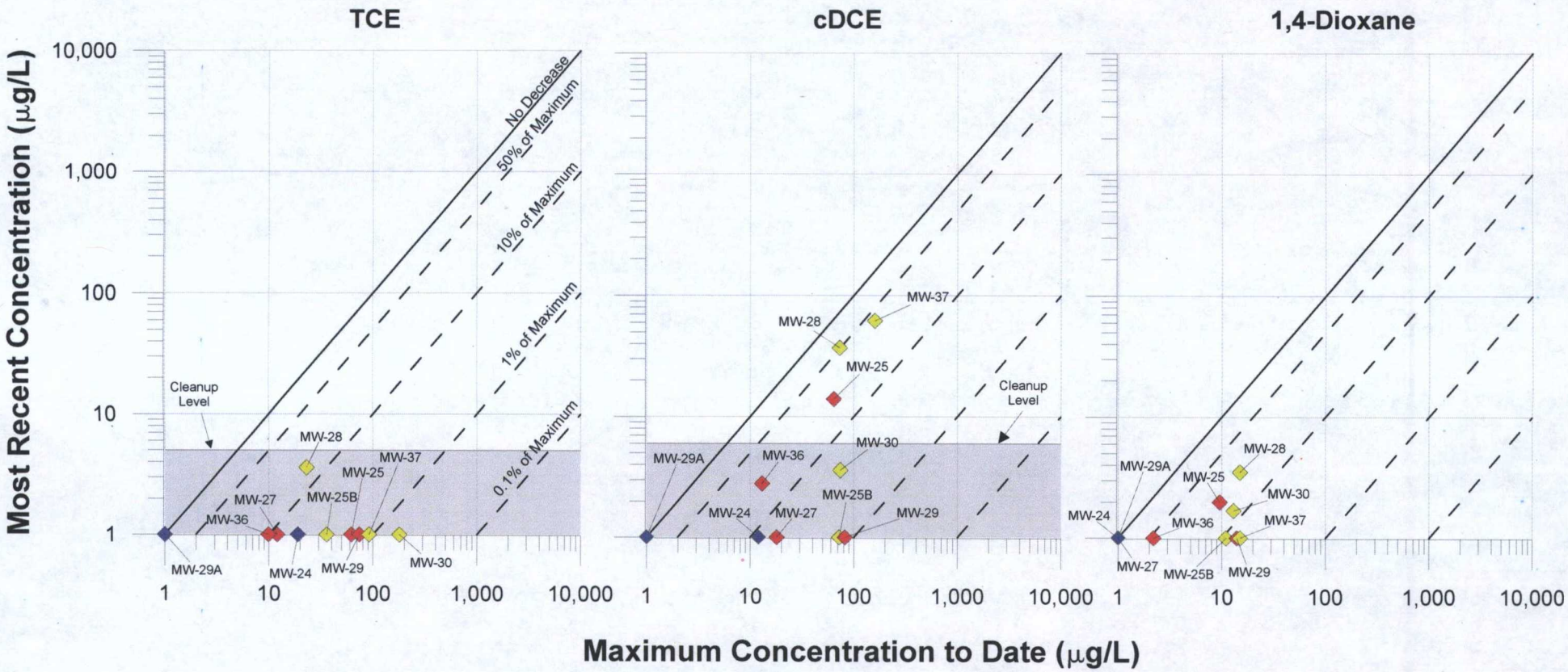
COOPER DRUM COMPANY SUPERFUND SITE
SOUTH GATE, CALIFORNIA

MOST RECENT TOTAL COCS VS.MAXIMUM HISTORICAL TOTAL COCS IN GROUNDWATER - PHASE 1 REMEDIAL ACTION AREA

FEBRUARY 2018

FIGURE 12

Phase 2 Remedial Action Area Wells



Abbreviations
cDCE = cis-1,2-dichloroethene
COCs = chemicals of concern
TCE = trichloroethene
$\mu g/L^3$ = micrograms per liter

Notes
1. Non-detect concentrations depicted as having a concentration of 1µg/L for plotting purposes.

- Shallow Gaspur
- Intermediate Gaspur
- Lower Gaspur

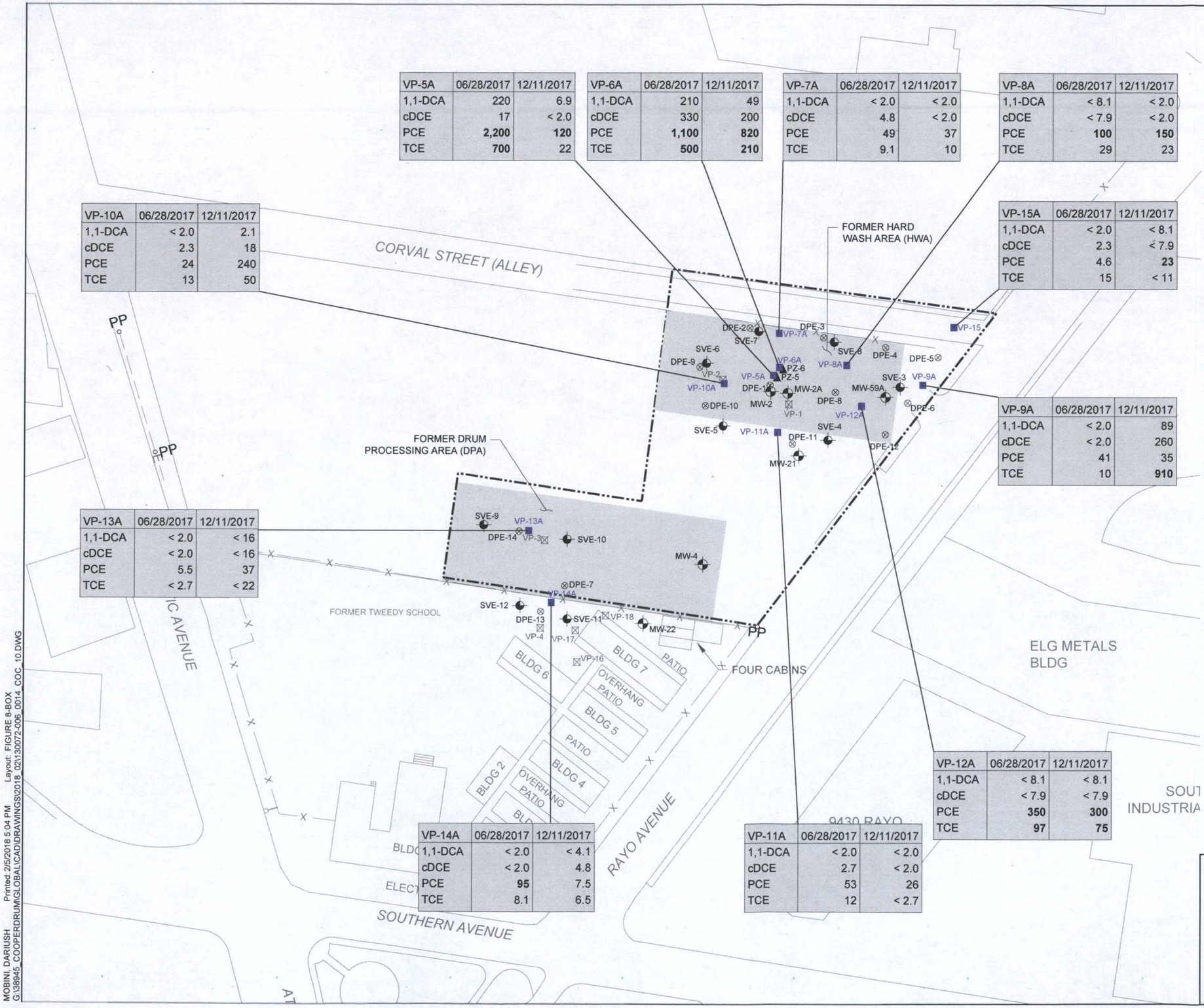
HALEY ALDRICH

COOPER DRUM COMPANY SUPERFUND SITE
SOUTH GATE, CALIFORNIA

MOST RECENT TOTAL COCS VS.MAXIMUM HISTORICAL TOTAL COCS IN GROUNDWATER - PHASE 2 REMEDIAL ACTION AREA

FEBRUARY 2018

FIGURE 13



VP-5A	06/28/2017	12/11/2017
1,1-DCA	220	6.9
cDCE	17	< 2.0
PCE	**2,200**	**120**
TCE	**700**	22

VP-6A	06/28/2017	12/11/2017
1,1-DCA	210	49
cDCE	330	200
PCE	**1,100**	**820**
TCE	**500**	**210**

VP-7A	06/28/2017	12/11/2017
1,1-DCA	< 2.0	< 2.0
cDCE	4.8	< 2.0
PCE	49	37
TCE	9.1	10

VP-8A	06/28/2017	12/11/2017
1,1-DCA	< 8.1	< 2.0
cDCE	< 7.9	< 2.0
PCE	**100**	**150**
TCE	29	23

VP-10A	06/28/2017	12/11/2017
1,1-DCA	< 2.0	2.1
cDCE	2.3	18
PCE	24	240
TCE	13	50

VP-15A	06/28/2017	12/11/2017
1,1-DCA	< 2.0	< 8.1
cDCE	2.3	< 7.9
PCE	4.6	**23**
TCE	15	< 11

VP-9A	06/28/2017	12/11/2017
1,1-DCA	< 2.0	89
cDCE	< 2.0	260
PCE	41	35
TCE	10	**910**

VP-13A	06/28/2017	12/11/2017
1,1-DCA	< 2.0	< 16
cDCE	< 2.0	< 16
PCE	5.5	37
TCE	< 2.7	< 22

VP-12A	06/28/2017	12/11/2017
1,1-DCA	< 8.1	< 8.1
cDCE	< 7.9	< 7.9
PCE	**350**	**300**
TCE	**97**	**75**

VP-14A	06/28/2017	12/11/2017
1,1-DCA	< 2.0	< 4.1
cDCE	< 2.0	4.8
PCE	**95**	7.5
TCE	8.1	6.5

VP-11A	06/28/2017	12/11/2017
1,1-DCA	< 2.0	< 2.0
cDCE	2.7	< 2.0
PCE	53	26
TCE	12	< 2.7

LEGEND

- PROPERTY BOUNDARY
- FENCE
- ELECTRIC LINE
- PP — POWER POLE
- DPE-2 — EXISTING DUAL PHASE EXTRACTION WELL LOCATION
- SVE-7 — EXISTING SOIL VAPOR EXTRACTION WELL LOCATION
- VP-1 — EXISTING VAPOR MONITORING POINT LOCATION (NOT ACCESSIBLE)
- VP-7 — EXISTING VAPOR MONITORING POINT LOCATION (ACCESSIBLE)
- PZ-5 — PIEZOMETER LOCATION
- MW-2 — EXISTING MONITORING WELL LOCATION

NOTES

1. ALL LOCATIONS AND DIMENSIONS ARE APPROXIMATE.
2. WELLS SVE-1 AND SVE-2 WERE RENAMED TO DPE-1 AND DPE-7 WHEN THEY WERE RECONFIGURED TO OPERATE AS DUAL PHASE EXTRACTION WELLS.
3. WELL LOCATIONS BASED ON INFORMATION PROVIDED BY URS OR CALVADA SURVEYING, INC.
4. PROPERTY BOUNDARY BASED ON A PARCEL MAP PROVIDED BY "OFFICE OF THE ASSESSOR, COUNTY OF LOS ANGELES", 2016, PA# 6222-5.
5. COC = CHEMICALS OF CONCERN
6. BGS = BELOW GROUND SURFACE
7. < = LESS THAN LABORATORY DETECTION LIMIT
8. 1,1-DCA = 1,1-DICHLOROETHANE
9. cDCE = cis-1,2-DICHLOROETHENE
10. PCE = TETRACHLOROETHENE
11. TCE = TRICHLOROETHENE
12. µg/m³ = MICROGRAMS PER CUBIC METER

LOCATION IDENTIFICATION

SAMPLING DATE

VP-15A	06/28/2017	12/11/2017
1,1-DCA	< 2.0	< 8.1
cDCE	2.3	< 7.9
PCE	4.6	**23**
TCE	15	< 11

CHEMICAL NAME

CONCENTRATION IN µg/m³ (BOLDED WHERE EXCEED ABOVE SCREENING LEVEL)

0 100 200
SCALE IN FEET

HALEY ALDRICH

COOPER DRUM COMPANY SUPERFUND SITE
SOUTH GATE, CALIFORNIA

COCs IN SOIL VAPOR - 10 FEET BGS

SCALE: AS SHOWN
FEBRUARY 2018

FIGURE 14

MOBINI, DARIUSH Printed: 2/5/2018 5:04 PM Layout: FIGURE 8-BOX
G:\38945_COOPERDRUM\GLOBAL\CAD\DRAWINGS\2018_02\130072-006_0014_COC_10.DWG

VP-5B	06/28/2017	12/11/2017
1,1-DCA	< 2.0	< 2.0
cDCE	< 2.0	< 2.0
PCE	45	5.1
TCE	8.1	< 2.7

VP-6B	06/28/2017	12/11/2017
1,1-DCA	< 4.1	40
cDCE	6	260
PCE	**120**	**410**
TCE	17	**75**

VP-7B	06/28/2017	12/11/2017
1,1-DCA	30	2.8
cDCE	< 16	< 2.0
PCE	**1,400**	**360**
TCE	50	17

VP-8B	06/28/2017	12/11/2017
1,1-DCA	< 8.1	3.2
cDCE	< 7.9	2.2
PCE	**150**	**220**
TCE	51	59

VP-10B	06/28/2017	12/11/2017
1,1-DCA	490	150
cDCE	< 200	190
PCE	**7,000**	**1,200**
TCE	**2,000**	**750**

VP-15B	06/28/2017	12/11/2017
1,1-DCA	2.1	< 2.0
cDCE	3.3	2
PCE	4.9	7.5
TCE	**18**	4.7

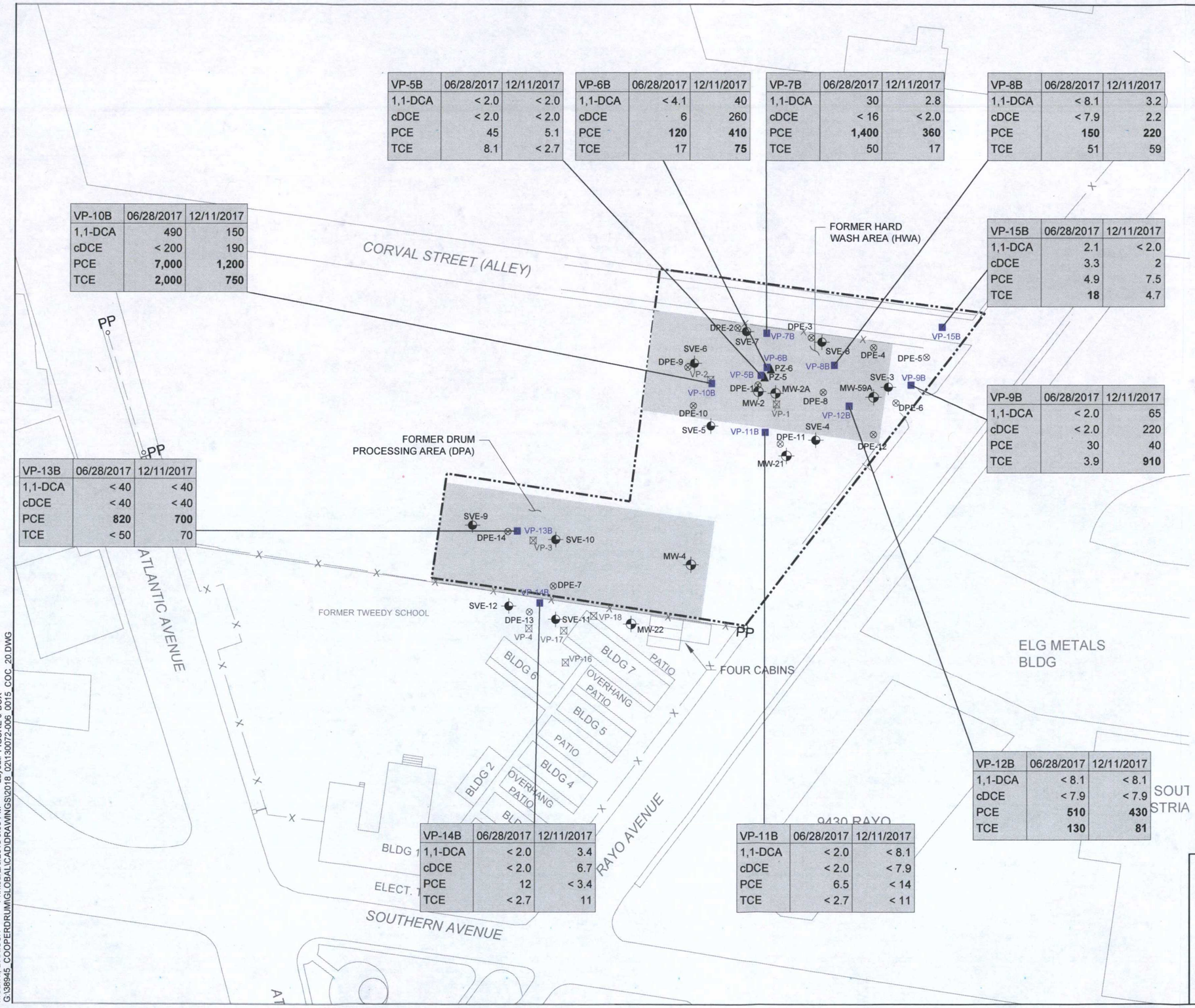
VP-9B	06/28/2017	12/11/2017
1,1-DCA	< 2.0	65
cDCE	< 2.0	220
PCE	30	40
TCE	3.9	**910**

VP-13B	06/28/2017	12/11/2017
1,1-DCA	< 40	< 40
cDCE	< 40	< 40
PCE	**820**	**700**
TCE	< 50	70

VP-12B	06/28/2017	12/11/2017
1,1-DCA	< 8.1	< 8.1
cDCE	< 7.9	< 7.9
PCE	**510**	**430**
TCE	**130**	**81**

VP-14B	06/28/2017	12/11/2017
1,1-DCA	< 2.0	3.4
cDCE	< 2.0	6.7
PCE	12	< 3.4
TCE	< 2.7	11

VP-11B	06/28/2017	12/11/2017
1,1-DCA	< 2.0	< 8.1
cDCE	< 2.0	< 7.9
PCE	6.5	< 14
TCE	< 2.7	< 11



LEGEND

- PROPERTY BOUNDARY
- FENCE
- ELECTRIC LINE
- PP — POWER POLE
- DPE-2 — EXISTING DUAL PHASE EXTRACTION WELL LOCATION
- SVE-7 — EXISTING SOIL VAPOR EXTRACTION WELL LOCATION
- VP-1 — EXISTING VAPOR MONITORING POINT LOCATION (NOT ACCESSIBLE)
- VP-7 — EXISTING VAPOR MONITORING POINT LOCATION (ACCESSIBLE)
- PIEZOMETER LOCATION
- MW-2 — EXISTING MONITORING WELL LOCATION

NOTES

1. ALL LOCATIONS AND DIMENSIONS ARE APPROXIMATE.
2. WELLS SVE-1 AND SVE-2 WERE RENAMED TO DPE-1 AND DPE-7 WHEN THEY WERE RECONFIGURED TO OPERATE AS DUAL PHASE EXTRACTION WELLS.
3. WELL LOCATIONS BASED ON INFORMATION PROVIDED BY URS OR CALVADA SURVEYING, INC.
4. PROPERTY BOUNDARY BASED ON A PARCEL MAP PROVIDED BY "OFFICE OF THE ASSESSOR, COUNTY OF LOS ANGELES", 2016, PA# 6222-5.
5. COC = CHEMICALS OF CONCERN
6. BGS = BELOW GROUND SURFACE
7. < = LESS THAN LABORATORY DETECTION LIMIT
8. 1,1-DCA = 1,1-DICHLOROETHANE
9. cDCE = cis-1,2-DICHLOROETHENE
10. PCE = TETRACHLOROETHENE
11. TCE = TRICHLOROETHENE
12. µg/m³ = MICROGRAMS PER CUBIC METER

LOCATION IDENTIFICATION

SAMPLING DATE

VP-15B	06/28/2017	12/11/2017
1,1-DCA	2.1	< 2.0
cDCE	3.3	2
PCE	4.9	7.5
TCE	**18**	4.7

CHEMICAL NAME

CONCENTRATION IN µg/m³ (BOLDED WHERE EXCEED ABOVE SCREENING LEVEL)

N

0 100 200

SCALE IN FEET

HALEY ALDRICH

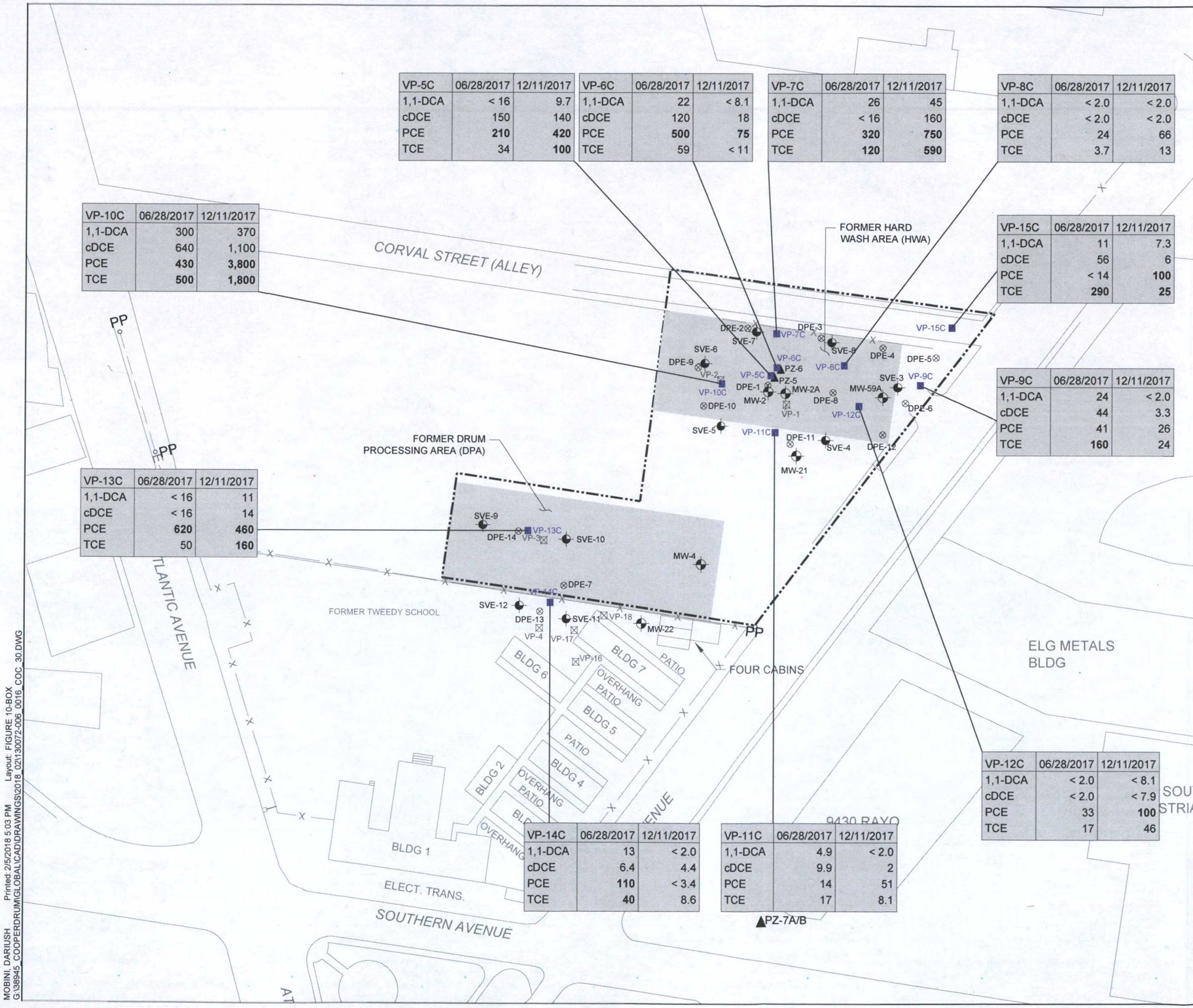
COOPER DRUM COMPANY SUPERFUND SITE
SOUTH GATE, CALIFORNIA

COCs IN SOIL VAPOR - 20 FEET BGS

SCALE: AS SHOWN
FEBRUARY 2018

FIGURE 15

MOBINI, DARIUSH Printed:2/5/2018 5:03 PM Layout: FIGURE 9-BOX
G:\38945_COOPERDRUMGLOBALICAD\DRAWINGS\2018_02\130072-006_0015_COC_20.DWG



VP-5C	06/28/2017	12/11/2017
1,1-DCA	< 16	9.7
cDCE	150	140
PCE	**210**	**420**
TCE	34	**100**

VP-6C	06/28/2017	12/11/2017
1,1-DCA	22	< 8.1
cDCE	120	18
PCE	**500**	**75**
TCE	59	< 11

VP-7C	06/28/2017	12/11/2017
1,1-DCA	26	45
cDCE	< 16	160
PCE	**320**	**750**
TCE	**120**	**590**

VP-8C	06/28/2017	12/11/2017
1,1-DCA	< 2.0	< 2.0
cDCE	< 2.0	< 2.0
PCE	24	66
TCE	3.7	13

VP-10C	06/28/2017	12/11/2017
1,1-DCA	300	370
cDCE	640	1,100
PCE	**430**	**3,800**
TCE	**500**	**1,800**

VP-15C	06/28/2017	12/11/2017
1,1-DCA	11	7.3
cDCE	56	6
PCE	< 14	**100**
TCE	**290**	**25**

VP-9C	06/28/2017	12/11/2017
1,1-DCA	24	< 2.0
cDCE	44	3.3
PCE	41	26
TCE	**160**	24

VP-13C	06/28/2017	12/11/2017
1,1-DCA	< 16	11
cDCE	< 16	14
PCE	**620**	**460**
TCE	50	**160**

VP-12C	06/28/2017	12/11/2017
1,1-DCA	< 2.0	< 8.1
cDCE	< 2.0	< 7.9
PCE	33	**100**
TCE	17	46

VP-14C	06/28/2017	12/11/2017
1,1-DCA	13	< 2.0
cDCE	6.4	4.4
PCE	**110**	< 3.4
TCE	**40**	8.6

VP-11C	06/28/2017	12/11/2017
1,1-DCA	4.9	< 2.0
cDCE	9.9	2
PCE	14	51
TCE	17	8.1

LEGEND

- PROPERTY BOUNDARY
- FENCE
- ELECTRIC LINE
- PP — POWER POLE
- DPE-2 — EXISTING DUAL PHASE EXTRACTION WELL LOCATION
- SVE-7 — EXISTING SOIL VAPOR EXTRACTION WELL LOCATION
- VP-1 — EXISTING VAPOR MONITORING POINT LOCATION (NOT ACCESSIBLE)
- VP-7 — EXISTING VAPOR MONITORING POINT LOCATION (ACCESSIBLE)
- PZ-5 — PIEZOMETER LOCATION
- MW-2 — EXISTING MONITORING WELL LOCATION

NOTES

1. ALL LOCATIONS AND DIMENSIONS ARE APPROXIMATE.
2. WELLS SVE-1 AND SVE-2 WERE RENAMED TO DPE-1 AND DPE-7 WHEN THEY WERE RECONFIGURED TO OPERATE AS DUAL PHASE EXTRACTION WELLS.
3. WELL LOCATIONS BASED ON INFORMATION PROVIDED BY URS OR CALVADA SURVEYING, INC.
4. PROPERTY BOUNDARY BASED ON A PARCEL MAP PROVIDED BY "OFFICE OF THE ASSESSOR, COUNTY OF LOS ANGELES", 2016, PA# 6222-5.
5. COC = CHEMICALS OF CONCERN
6. BGS = BELOW GROUND SURFACE
7. < = LESS THAN LABORATORY DETECTION LIMIT
8. 1,1-DCA = 1,1-DICHLOROETHANE
9. cDCE = cis-1,2-DICHLOROETHENE
10. PCE = TETRACHLOROETHENE
11. TCE = TRICHLOROETHENE
12. µg/m³ = MICROGRAMS PER CUBIC METER

LOCATION IDENTIFICATION — SAMPLING DATE

VP-15C	06/28/2017	12/11/2017
1,1-DCA	11	7.3
cDCE	56	6
PCE	< 14	**100**
TCE	**290**	**25**

CHEMICAL NAME

CONCENTRATION IN µg/m³ (BOLDED WHERE EXCEED ABOVE SCREENING LEVEL)

N

0 100 200
SCALE IN FEET

HALEY ALDRICH

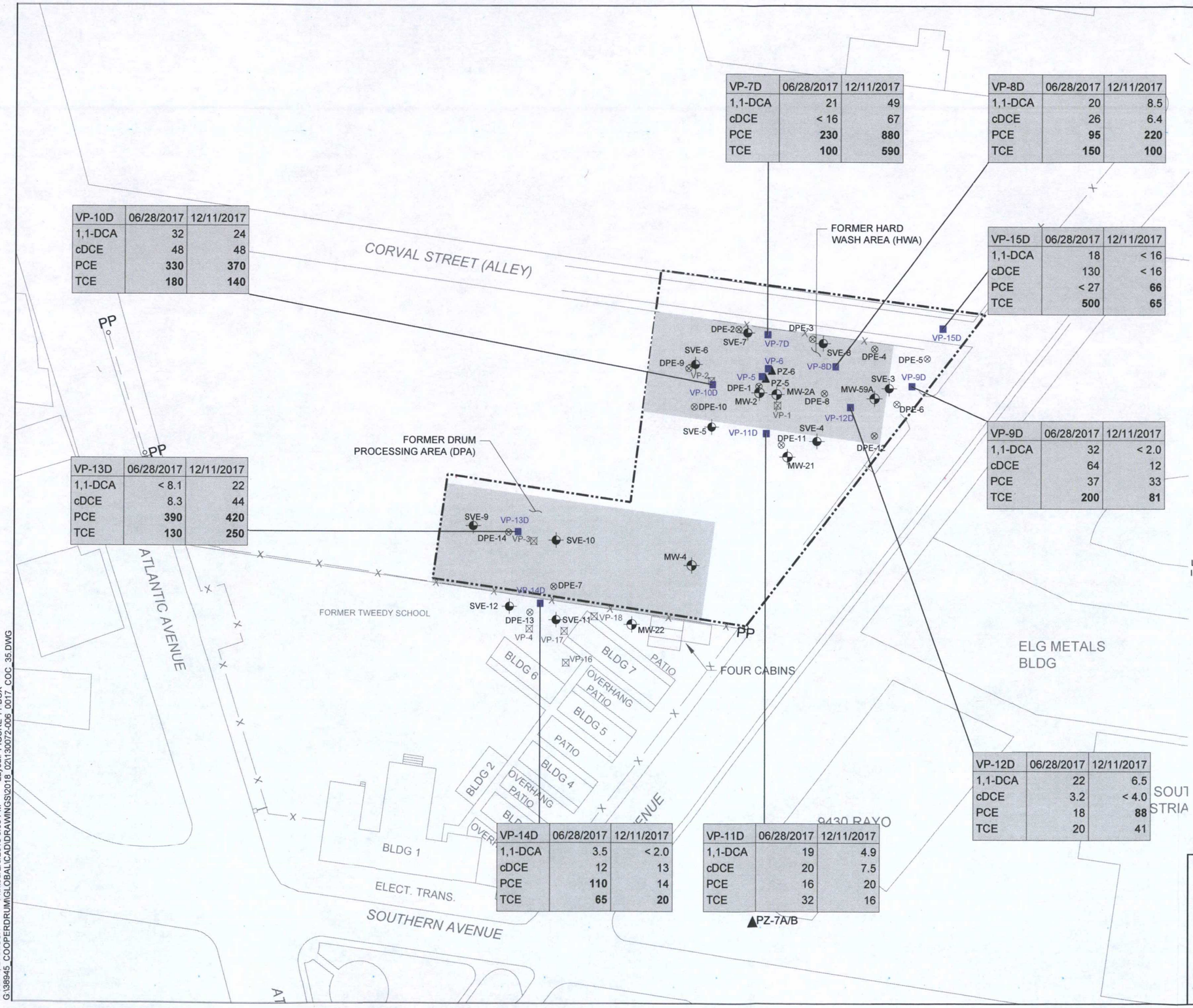
COOPER DRUM COMPANY SUPERFUND SITE
SOUTH GATE, CALIFORNIA

COCs IN SOIL VAPOR - 30 FEET BGS

SCALE: AS SHOWN
FEBRUARY 2018

FIGURE 16

MOBINI, DARIUSH Printed: 2/5/2018 5:03 PM Layout: FIGURE 10-BOX
G:\38945_COOPERDRUM\GLOBALICAD\DRAWINGS\2018_02\13007\2-006_0016_COC_30.DWG



VP-7D	06/28/2017	12/11/2017
1,1-DCA	21	49
cDCE	< 16	67
PCE	**230**	**880**
TCE	**100**	**590**

VP-8D	06/28/2017	12/11/2017
1,1-DCA	20	8.5
cDCE	26	6.4
PCE	**95**	**220**
TCE	**150**	**100**

VP-10D	06/28/2017	12/11/2017
1,1-DCA	32	24
cDCE	48	48
PCE	**330**	**370**
TCE	**180**	**140**

VP-15D	06/28/2017	12/11/2017
1,1-DCA	18	< 16
cDCE	130	< 16
PCE	< 27	**66**
TCE	**500**	**65**

VP-9D	06/28/2017	12/11/2017
1,1-DCA	32	< 2.0
cDCE	64	12
PCE	37	33
TCE	**200**	**81**

VP-13D	06/28/2017	12/11/2017
1,1-DCA	< 8.1	22
cDCE	8.3	44
PCE	**390**	**420**
TCE	**130**	**250**

VP-12D	06/28/2017	12/11/2017
1,1-DCA	22	6.5
cDCE	3.2	< 4.0
PCE	18	**88**
TCE	20	41

VP-14D	06/28/2017	12/11/2017
1,1-DCA	3.5	< 2.0
cDCE	12	13
PCE	**110**	14
TCE	**65**	**20**

VP-11D	06/28/2017	12/11/2017
1,1-DCA	19	4.9
cDCE	20	7.5
PCE	16	20
TCE	32	16

LEGEND

- PROPERTY BOUNDARY
- FENCE
- ELECTRIC LINE
- PP — POWER POLE
- DPE-2 — EXISTING DUAL PHASE EXTRACTION WELL LOCATION
- SVE-7 — EXISTING SOIL VAPOR EXTRACTION WELL LOCATION
- VP-1 — EXISTING VAPOR MONITORING POINT LOCATION (NOT ACCESSIBLE)
- VP-7 — EXISTING VAPOR MONITORING POINT LOCATION (ACCESSIBLE)
- PZ-5 — PIEZOMETER LOCATION
- MW-2 — EXISTING MONITORING WELL LOCATION

NOTES

1. ALL LOCATIONS AND DIMENSIONS ARE APPROXIMATE
2. WELLS SVE-1 AND SVE-2 WERE RENAMED TO DPE-1 AND DPE-7 WHEN THEY WERE RECONFIGURED TO OPERATE AS DUAL PHASE EXTRACTION WELLS.
3. WELL LOCATIONS BASED ON INFORMATION PROVIDED BY URS OR CALVADA SURVEYING, INC.
4. PROPERTY BOUNDARY BASED ON A PARCEL MAP PROVIDED BY "OFFICE OF THE ASSESSOR, COUNTY OF LOS ANGELES", 2016, PA# 6222-5.
5. COC = CHEMICALS OF CONCERN
6. BGS = BELOW GROUND SURFACE
7. < = LESS THAN LABORATORY DETECTION LIMIT
8. 1,1-DCA = 1,1-DICHLOROETHANE
9. cDCE = cis-1,2-DICHLOROETHENE
10. PCE = TETRACHLOROETHENE
11. TCE = TRICHLOROETHENE
12. ug/m³ = MICROGRAMS PER CUBIC METER

LOCATION IDENTIFICATION — SAMPLING DATE

VP-15D	06/28/2017	12/11/2017
1,1-DCA	18	< 16
cDCE	130	< 16
PCE	< 27	**66**
TCE	**500**	**65**

CHEMICAL NAME — CONCENTRATION IN µg/m³ (BOLDED WHERE EXCEED ABOVE SCREENING LEVEL)

N

0 100 200
SCALE IN FEET

HALEY ALDRICH

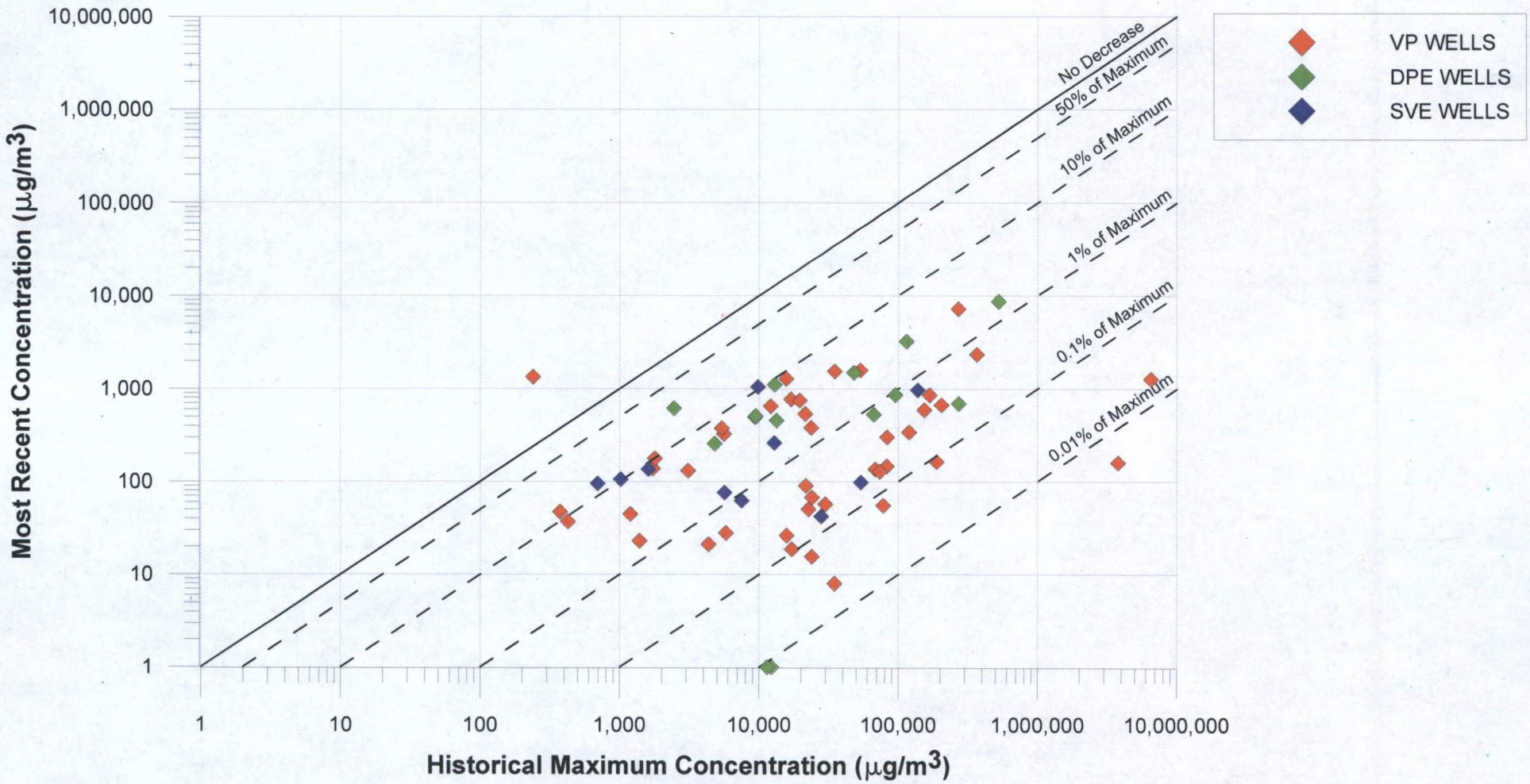
COOPER DRUM COMPANY SUPERFUND SITE
SOUTH GATE, CALIFORNIA

COCs IN SOIL VAPOR - 35 FEET BGS

SCALE: AS SHOWN
FEBRUARY 2018

FIGURE 17

MOBINI, DARIUSH Printed: 2/5/2018 5:03 PM Layout: FIGURE 11-BOX
G:\38945_COOPERDRUMGLOBALICAD\DRAWINGS\2018_02\30072-006_0017_COC_35.DWG



Abbreviations

COCs = chemicals of concern
DPE = dual phase extraction
ug/m^3 = micrograms per cubic meter
SVE = soil vapor extraction
VP = vapor monitoring point

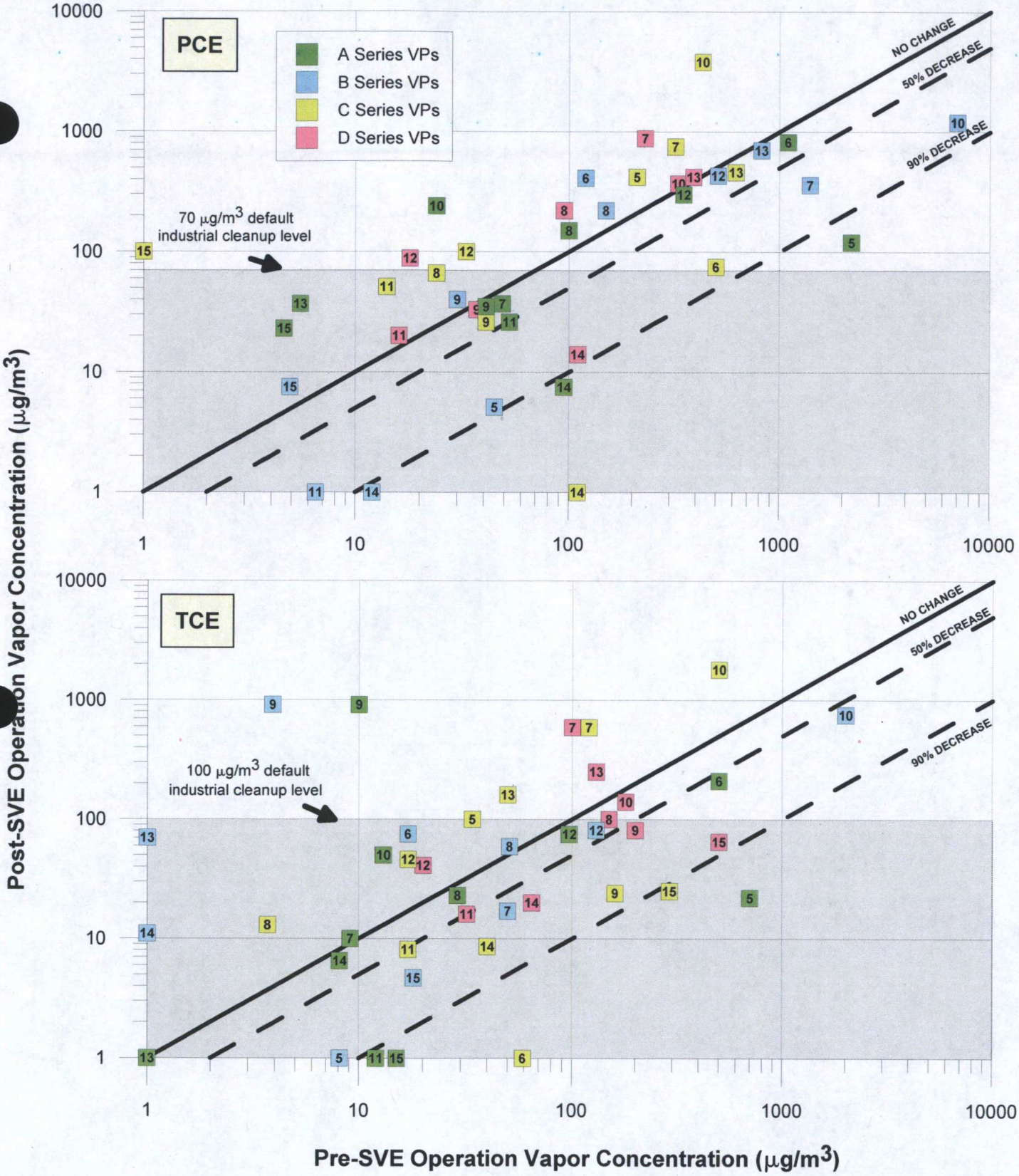
HALEY ALDRICH

COOPER DRUM COMPANY SUPERFUND SITE
SOUTH GATE, CALIFORNIA

MOST RECENT TOTAL COCS VS.
MAXIMUM HISTORICAL TOTAL COCS IN SOIL VAPOR

FEBRUARY 2018

FIGURE 18



Abbreviations:
PCE: Tetrachloroethene
TCE: Trichloroethene
µg/m3: micrograms per cubic meter

Notes:
1. Number inside symbols denotes vapor point. For example, "15" indicates the data point is associated with VP-15.
2. Pre-SVE data was collected 6/28/17. Post-SVE data was collected on 12/11/17. SVE system was shut down for a period of three days prior to sample collection.
3. Non-detect values depicted as having a concentration of 1 µg/m³ for plotting purposes.

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SUMMARY OF PRE AND POST-SVE VAPOR CONCENTRATIONS DURING REPORTING PERIOD

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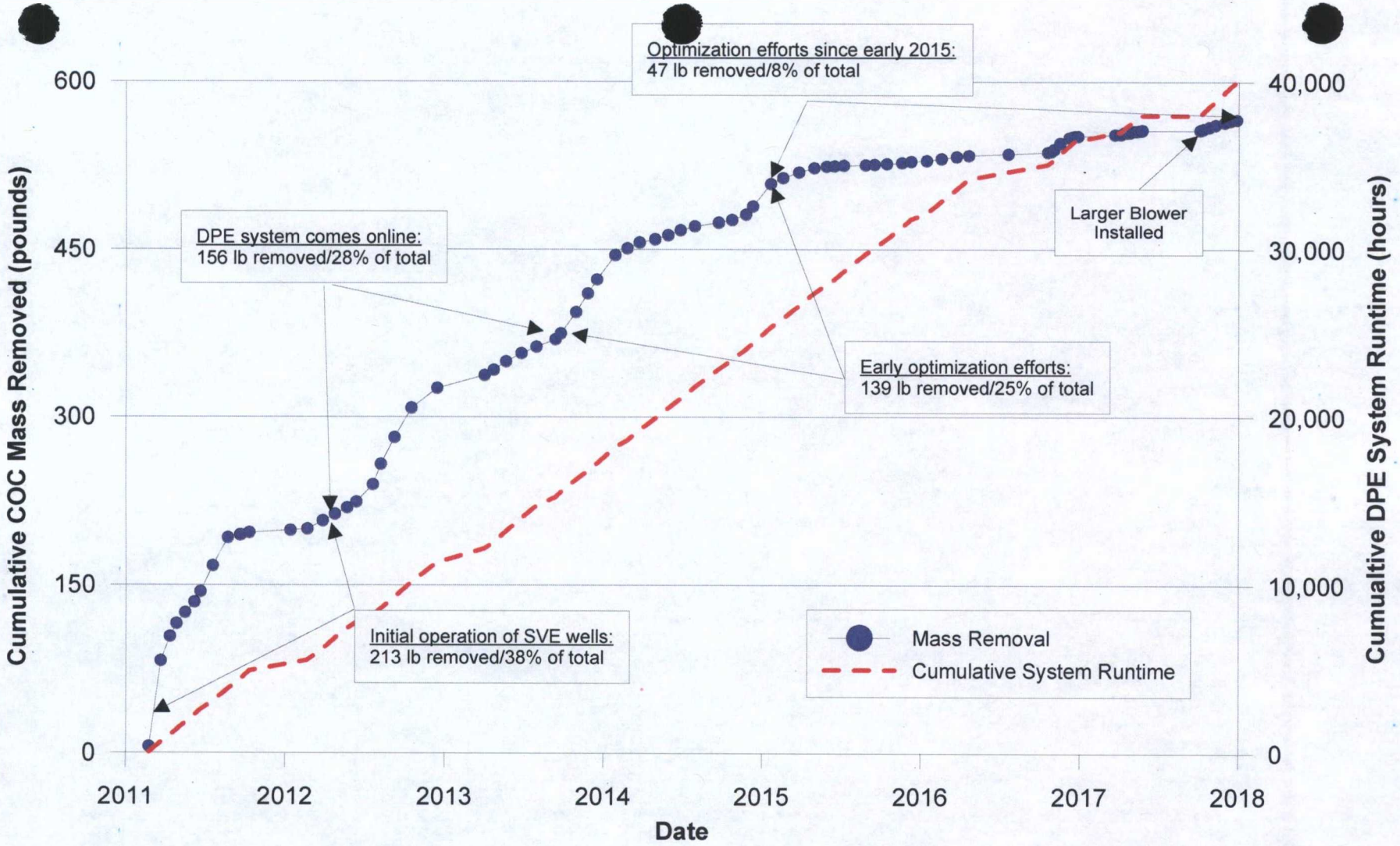
FIGURE 19



Abbreviations
COCs = chemicals of concern
DPE = dual phase extraction
SVE = soil vapor extraction

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CUMULATIVE COC MASS REMOVAL IN VAPOR PHASE

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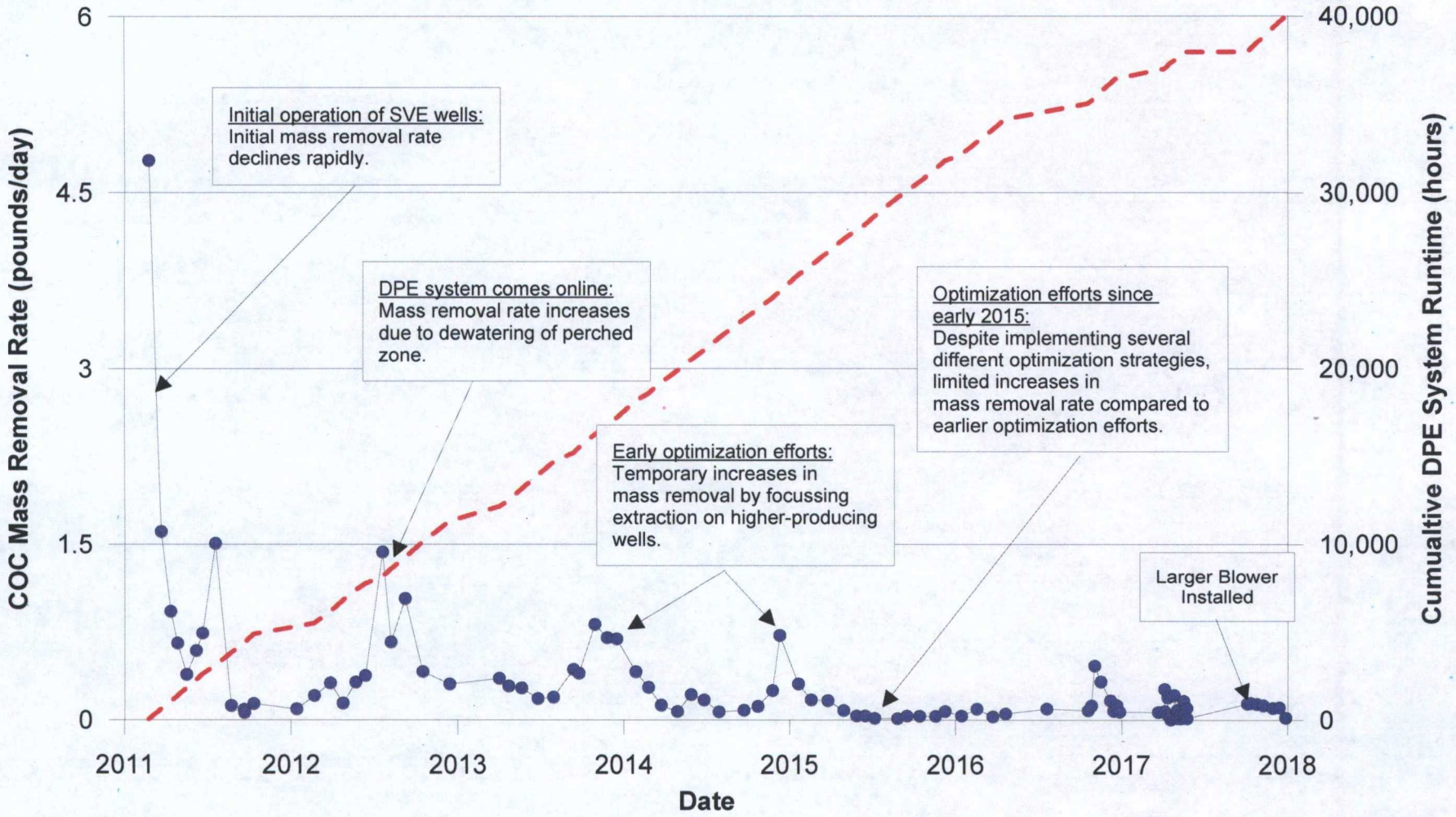
FIGURE 20



Abbreviations
COCs = chemicals of concern
DPE = dual phase extraction
SVE = soil vapor extraction

Mass Removal Rate
Cumulative System Runtime

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COC MASS REMOVAL RATE IN VAPOR PHASE VS. TIME

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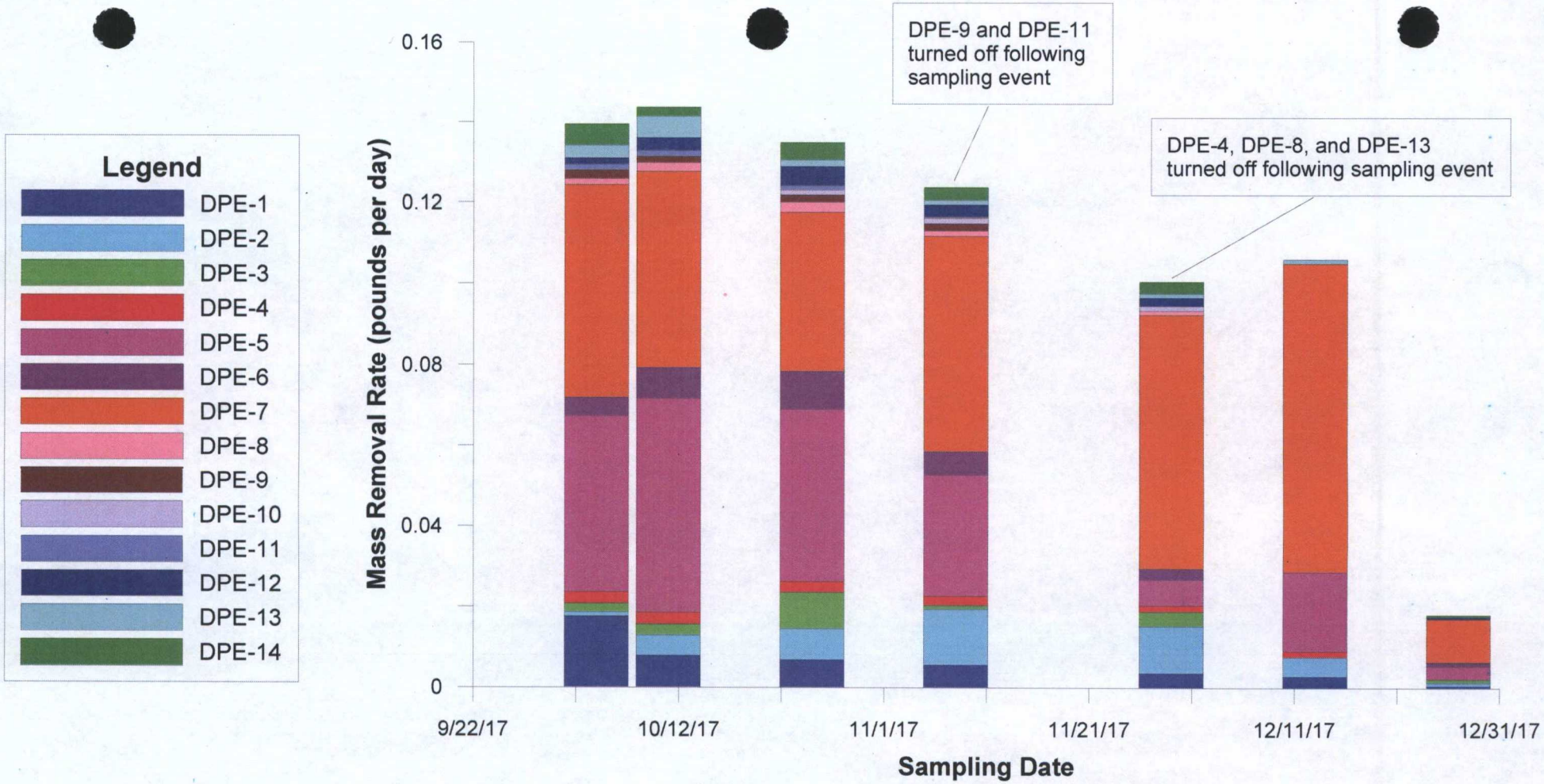
FIGURE 21



Notes

1. Mass removal rates from individual DPE wells estimated by multiplying the measured flow rate by the total COC concentration measured in lab samples.
2. Mass removal rates from DPE wells were then scaled to match the total measured mass removal rate measured in the combined flow to vapor treatment system.

Abbreviations

COC: Chemical of Concern
DPE: Dual Phase Extraction

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COC MASS REMOVAL RATES FROM INDIVIDUAL DPE WELLS DURING REPORTING PERIOD

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FIGURE 22