APPENDIX A
RELEVANT BACKGROUND DATA FROM NEARBY SITES

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Appendix A Relevant Background Data from Nearby Sites

A-1: Former Dial Corporation Site

EMCON (1996) First Quarter Progress Report: Figure 2 Groundwater Contour Map, March 5, 1996

Dial Corp. (1994) First Quarter 1994 Progress Report: Table 1 Summary of Groundwater Analytical Results. June 20, 1994

A-2: Jervis Webb Site-Firestone Parcel Cross-Sections with Soil Analytical Data

IT Corporation (2001) Work Plan for Soil Closure: Figure 12 Vertical Distribution of TCE in Soil; Figure 13 Vertical Distribution of PCE and TCE in soil.

A-3: Cooper Drum Site Monitoring Well Groundwater Analytical Results

Haley and Aldrich (2017) First Semiannual Groundwater Monitoring Report 2017: Table V, Analytical Results for Chemicals of Concern in Groundwater Samples, Cooper Drum Company Superfund Site

A-4: Cooper Drum Site Groundwater Contour Maps, Contaminant Maps and Soil Data Table

URS, 2002 and 2007. Cooper Drum Groundwater Elevations, Dec 14, 2000 (Fig. 3-2 of RI Report) and February 2007 (Figure 8 of Groundwater Remedial Design Report Addendum No. 2)

URS, 2002. RI/FS Cooper Drum Company Remedial Investigation Feasibility Study Report: Figure 4-7, Depth Discrete Groundwater Sample VOC Analytical Results

Bechtel, 1997. Final Site Characterization Summary Report: Table 2-1, Previous Onsite Soil Data Summary, Final Site Characterization Summary Report Cooper Drum Company Phase 1, Part 1 Remedial Investigation

ITSI, 2010. Remedial Design Technical Memorandum for Field Sampling Results Addendum No. 4 Well Installations, Aquifer Pumping Test, and Groundwater Sampling Results April/May 2009: Figure 22, Estimated Plume Boundaries

A-5: SAIA Superfund Site Groundwater Contour Maps, Contaminant Maps and Cross-Section

Gilbane, 2019. Remedial Investigation Report, SAIA Superfund Site, South Gate, California: Figures 3-7 through 3-9 Groundwater Contour Maps for Shallow, Intermediate, and Lower Gaspur Aquifer; Figures 4-9 through 4-11 cis-DCE in Groundwater for Shallow, Intermediate, and Lower Gaspur Aquifer; Figure 3-2 Longitudinal Cross-Section

A-6: Jervis Webb Site Historical Groundwater Analytical Results

Brown and Caldwell (2005) Annual Groundwater Sampling Report – 2005; 5030 Firestone Blvd and 9301 Rayo Avenue: Table 2, Results of VOCs Detected in Groundwater Samples

A-7: SAIA Site Groundwater Analytical Results

Gilbane, 2019. Remedial Investigation Report, SAIA Superfund Site, South Gate, California: Table 4-5 VOCs, SVOCs and Metals in Monitoring Wells, Table 4-6 VOCs and SVOCs in discrete-depth samples from CPT borings.

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APPENDIX A-1

FORMER DIAL CORPORATION SITE, DIAL CORP (1994) AND EMCON (1996)

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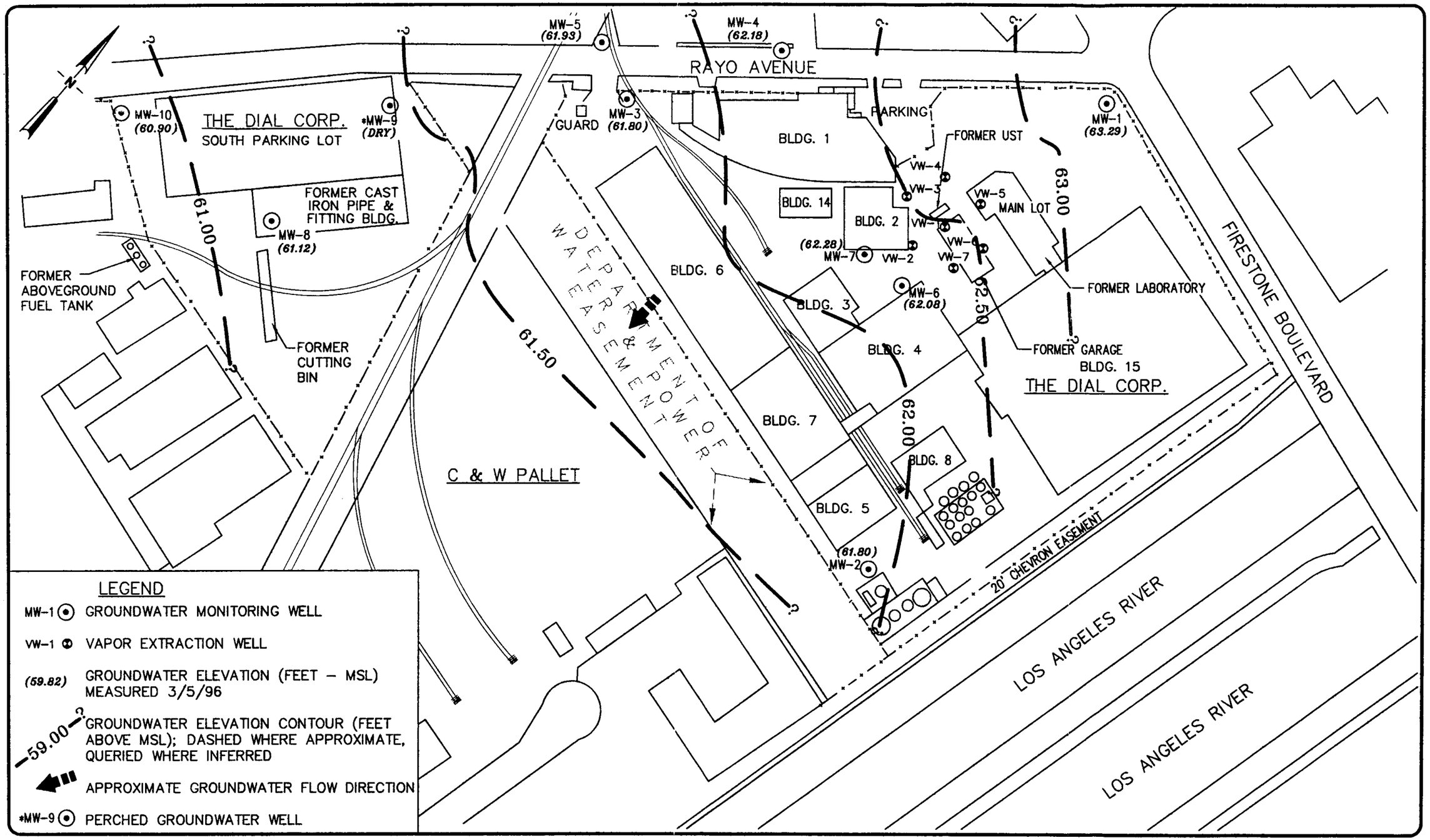

EMCON

0 50 100 FEET
SCALE

THE DIAL CORPORATION
9300 & 9400 RAYO AVENUE
MAIN LOT – SOUTH PARKING LOT
SOUTH GATE, CALIFORNIA

GROUNDWATER CONTOUR MAP, MARCH 5, 1996

FIGURE
2
PROJECT NO.
0H93-001.05

CADD FILE: 0396-GEC
DATE LAST REVISED: 03/08/96

002734

TABLE 1
SUMMARY OF GROUNDWATER ANALYTICAL RESULTS
The Dial Corporation
9300 Rayo Avenue, South Gate, California

Well No. and Elevation (ft-MSL)	Date Sampled	Depth to Water (feet)	Groundwater Elevation (ft-MSL)	Total Petroleum Hydrocarbons (1) (mg/L)	Benzene (2) (ug/L)	Toluene (2) (ug/L)	Ethyl-benzene (2) (ug/L)	Xylenes (2) (ug/L)	1,1-Dichloro-ethane (3) (ug/L)	1,2-Dichloro-ethane (3) (ug/L)	Trichloro-ethene (3) (ug/L)	1,2-Dichloro-propane (3) (ug/L)
MW-1	20-Apr-92	51.45	56.24	<1.0	NA	NA	NA	NA	<0.5	<0.5	<0.5	<0.5
(107.69)	11-Sep-92	52.00	55.69	<0.5	<5	<5	<5	<5	<5	<5	<5	<5
	19-Mar-93	50.90	56.79	Water level only								
	30-Sep-93	49.95	57.74	<0.05	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	06-Apr-94	48.39	59.30	<0.5	<0.3	<0.4	<0.5	<0.6	<0.4	<0.3	<0.4	<0.3
MW-2	20-Apr-92	52.73	52.92	<1.0	NA	NA	NA	NA	<0.5	<0.5	<0.5	<0.5
(105.65)	11-Sep-92	52.60	53.05	<0.5	<5	<5	<5	<5	<5	<5	<5	<5
	19-Mar-93	51.17	54.48	Water level only								
	30-Sep-93	49.84	55.81	<0.05	4	0.5	<0.5	0.8	<0.5	<0.5	<0.5	<0.5
	06-Apr-94	47.74	57.91	<0.5	2.5	<0.4	<0.5	<0.6	<0.4	<0.3	<0.4	<0.3
MW-3	20-Apr-92	53.80	53.44	NA	NA	NA	NA	NA	<0.5	<0.5	26	<0.5
(107.24)	19-Mar-93	53.83	53.41	Water level only								
	19-Mar-93	52.30	54.94	Water level only								
	30-Sep-93	51.06	56.18	Water level only								
	05-Apr-94	49.15	58.09	Water level only								
MW-4	20-Apr-92	52.40	53.99	NA	NA	NA	NA	NA	<0.5	0.6	28	<0.5
(106.39)	05-Jun-92	52.59	53.80	Water level only								
	19-Mar-93	51.23	55.16	Water level only								
	30-Sep-93	49.96	56.43	Water level only								
	05-Apr-94	47.95	58.44	Water level only								
MW-5	20-Apr-92	56.00	53.71	NA	NA	NA	NA	NA	<5*	<5*	1,400	<5*
(109.71)	05-Jun-92	56.21	53.50	Water level only								
	19-Mar-93	54.95	54.76	Water level only								
	30-Sep-93	53.62	56.09	Water level only								
	05-Apr-94	51.68	58.03	Water level only								
MW-6	11-Sep-92	53.07	53.81	<0.5	5.8	<5	<5	<5	<5	<5	<5	<5
(106.88)	19-Mar-93	51.80	55.08	Water level only								
	30-Sep-93	50.47	56.41	0.1	48	2	<0.5	0.9	<0.5	<0.5	<0.5	<0.5
	06-Apr-94	48.54	58.34	<0.5	53	1.6	0.5	0.7	0.7	0.7	<0.4	<0.3

TABLE 1
SUMMARY OF GROUNDWATER ANALYTICAL RESULTS
The Dial Corporation
9300 Rayo Avenue, South Gate, California

Well No. and Elevation (ft-MSL)	Date Sampled	Depth to Water (feet)	Groundwater Elevation (ft-MSL)	Total Petroleum Hydrocarbons (1) (mg/L)	Benzene (2) (ug/L)	Toluene (2) (ug/L)	Ethyl-benzene (2) (ug/L)	Xylenes (2) (ug/L)	1,1-Dichloro-ethane (3) (ug/L)	1,2-Dichloro-ethane (3) (ug/L)	Trichloro-ethene (3) (ug/L)	1,2-Dichloro-propane (3) (ug/L)
MW-7	11-Sep-92	53.17	53.84	<0.5	10	5.9	<5	<5	<5	<5	<5	<5
(107.01)	19-Mar-93	52.11	54.90	Water level only								
	30-Sep-93	50.86	56.15	0.3	120	3	2	3	1.3	0.6	0.6	2.0
	06-Apr-94 (4)	48.70	58.31	0.6	230	5	4.8	3.7	2.7	1.1	1.8	1.8
MW-8	19-Mar-93 (5)	52.97	54.04	NA	<0.5	<0.5	<0.5	<1	<0.5	0.9	200	<0.5
(107.07)	05-Apr-94	49.76	57.25	Water level only								
MW-9	19-Mar-93	10.23	96.78	NA	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5
(107.35)	05-Apr-94	dry	- -	Water level only								
MW-10	19-Mar-93	53.26	53.75	NA	<0.5	<0.5	<0.5	<1	<0.5	<0.5	11	<0.5
(107.25)	05-Apr-94	- -	- -	Water level could not be measured - no site access								

Samples analzed by Golden State/CAS Laboratories Inc., Canoga Park, California.
NA = Not analyzed.
* = Method reporting limit elevated because the sample required diluting.
(1) Analyzed by U.S. EPA Method 8015 (modified).
(2) Analyzed by U.S. EPA Method 8020.
(3) Analyzed by U.S. EPA Methods 8010 / 8240 / 8260.
(4) Other VOCs by EPA Method 8260 detected were cis-1,2-Dichloroethene (1.0 ug/L) and Chloroform (2.3).
(5) Other VOCs by EPA Method 8260 detected were trans-1,2-Dichloroethene (4 ug/L) and cis-1,2-Dichloroethene (89 ug/L).

Certified analytical report included as an attachment.

APPENDIX A-2
JERVIS WEBB SITE – FIRESTONE PARCEL CROSS SECTIONS
FROM IT CORPORATION (2001)

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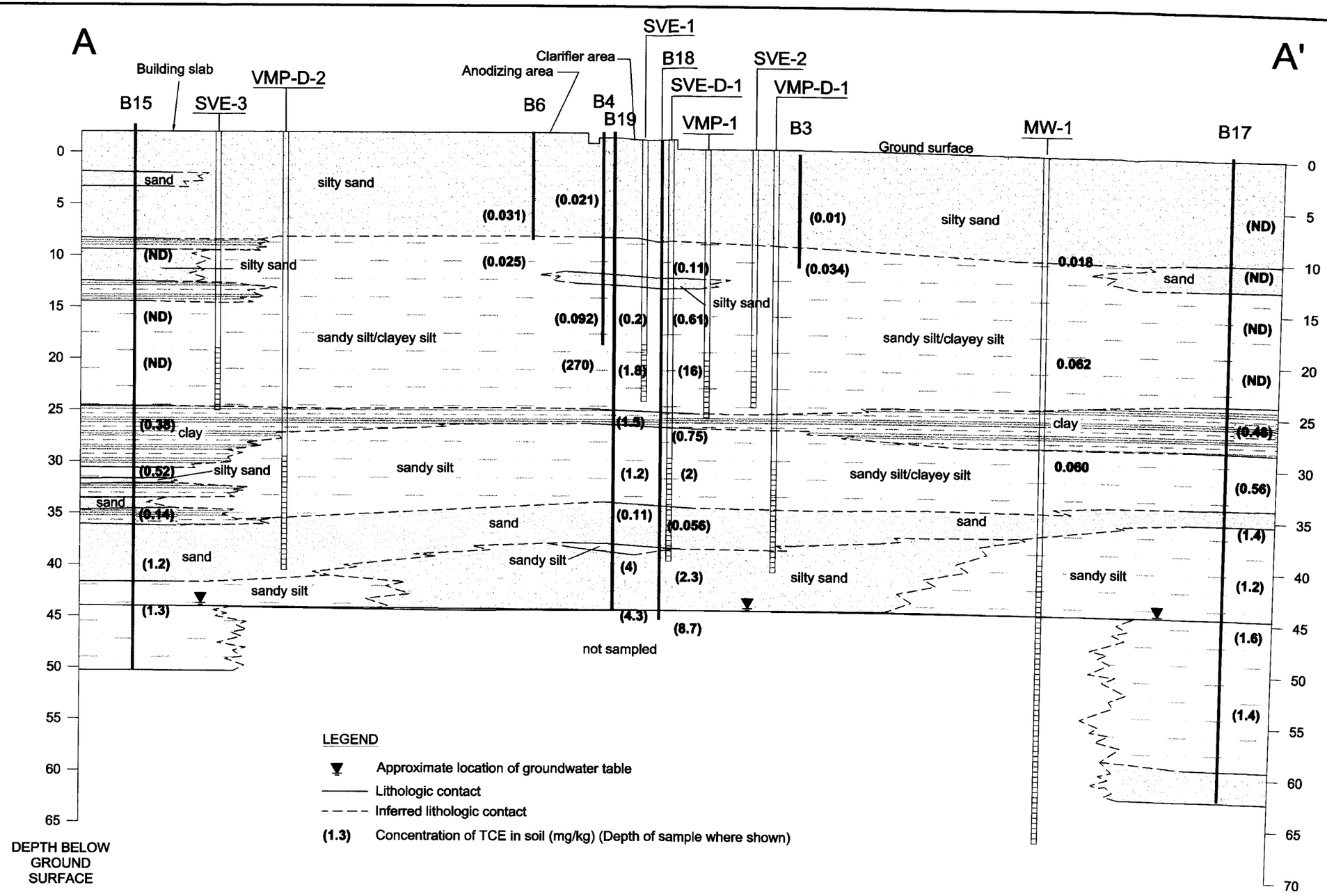


Reference: EKI, 1998a, Figure 10 (modified).

IT CORPORATION

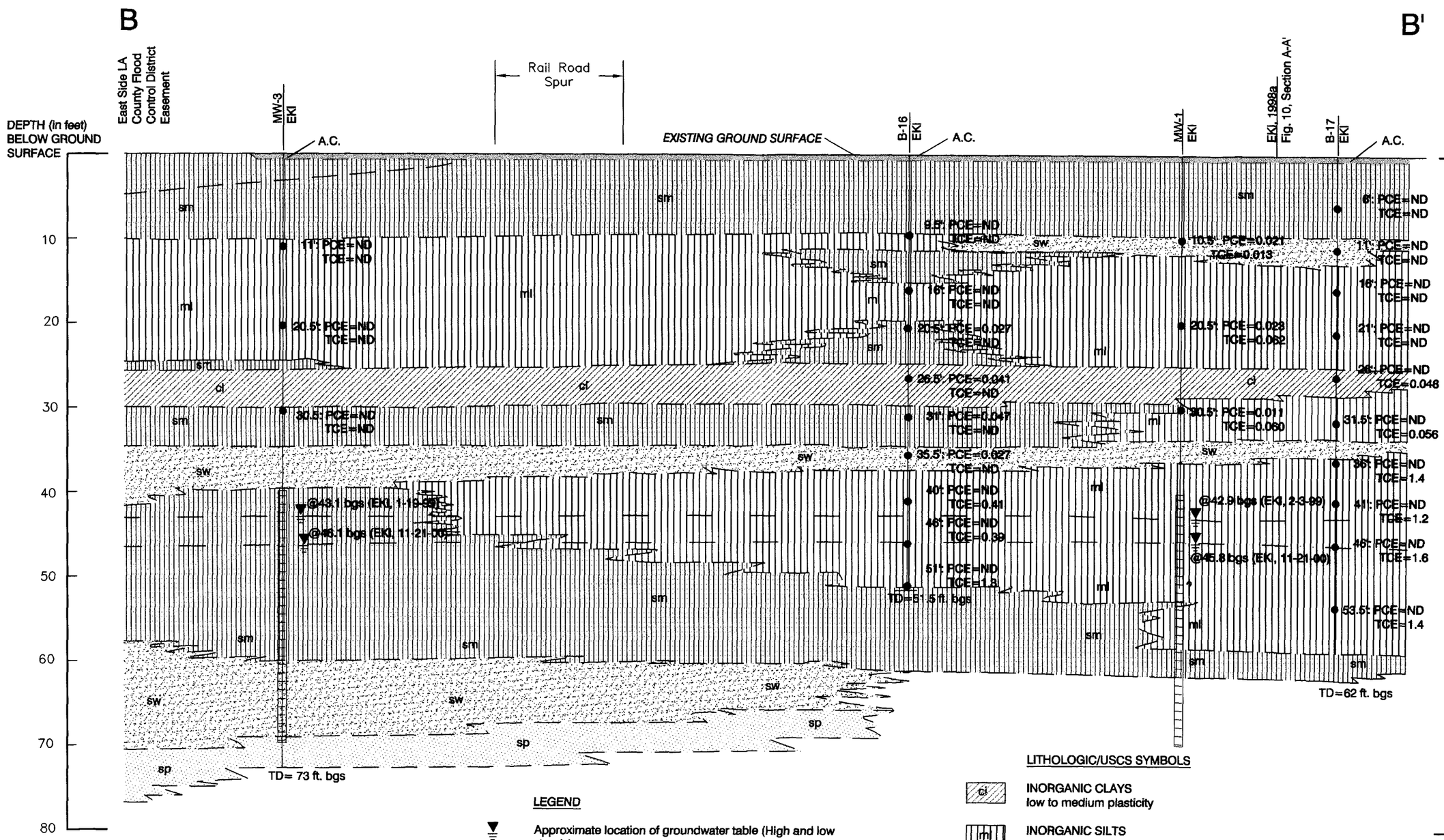
JERVIS B. WEBB OF CALIFORNIA

FIGURE 12
VERTICAL DISTRIBUTION OF TCE IN SOIL (SECTION A-A')

JERVIS B. WEBB OF CALIFORNIA
5030 FIRESTONE BOULEVARD
SOUTH GATE, CALIFORNIA

DRAWING NUMBER 828208-B3
APPROVED BY
CHECKED BY
DRAWN BY MB Miller Date

000527



LEGEND

Approximate location of groundwater table (High and low stands)

Lithologic contact; solid where approximate

Inferred lithologic contact

51': PCE=ND ● TCE=1.3 — Sample, depth (bgs) and PCE/TCE concentrations (in milligrams/kilogram)

A.C. — Asphalt / Concrete

LITHOLOGIC/USCS SYMBOLS

cl — INORGANIC CLAYS low to medium plasticity

ml — INORGANIC SILTS very fine sands

sm — SILTY SANDS

sp — Poorly graded SAND with GRAVEL

sw — Well graded SAND with GRAVEL

SCALE

0 12 24 FEET

IT CORPORATION

JERVIS B. WEBB OF CALIFORNIA

FIGURE 13

VERTICAL DISTRIBUTION OF PCE AND TCE IN SOIL

JERVIS B. WEBB OF CALIFORNIA
5030 FIRESTONE BOULEVARD
SOUTH GATE, CALIFORNIA

DRAWING NUMBER 828208-B6

APPROVED BY

CHECKED BY

DRAWN BY M. Schrage 6-20-01

000528

APPENDIX A-3

COOPER DRUM SITE MONITORING WELL GROUNDWATER ANALYTICAL RESULTS, 1998-2017 (HALEY AND ALDRICH, 2017

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

Well ID	Sample Date	Aquifer	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	11/01/1998	Shallow/Intermediate	Primary	< 1	< 1	< 1	< 1	< 1	< 0.5	< 1	**0.4 J**	< 1	< 1	NA	NA
MW-1	10/01/2000	Shallow/Intermediate	Primary	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	**0.7**	< 0.5	< 0.5	NA	NA
MW-1	01/01/2004	Shallow/Intermediate	Primary	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	**2.3**	< 0.5	< 0.5	NA	NA
MW-1	04/01/2004	Shallow/Intermediate	Primary	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	**0.2 J**	< 0.5	< 0.5	< 0.5	NA	NA
MW-1	11/01/2004	Shallow/Intermediate	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
MW-1	08/01/2006	Shallow/Intermediate	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
MW-1	03/01/2008	Shallow/Intermediate	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
MW-1	05/13/2009	Shallow/Intermediate	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
MW-1	06/14/2011	Shallow/Intermediate	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
MW-1	12/08/2011	Shallow/Intermediate	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
MW-1	06/08/2012	Shallow/Intermediate	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
MW-1	12/12/2012	Shallow/Intermediate	Primary	< 0.5	**3.5**	**2.4**	< 0.5	< 0.5	< 0.5	< 0.5	**1.6**	< 0.5	< 0.5	**9**	< 0.5
MW-1	06/18/2013	Shallow/Intermediate	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
MW-1	12/12/2013	Shallow/Intermediate	Primary	< 0.5	**11**	**4.3**	**0.74**	**0.98**	< 0.5	**0.36 J**	**2**	< 0.2	< 0.5	**12**	< 0.3
MW-1	06/12/2014	Shallow/Intermediate	Primary	< 0.5	**9.2**	**3.5**	**0.58**	**0.64**	< 0.5	< 0.2	**1.2**	< 0.2	< 0.5	**12**	< 0.3
MW-1	12/16/2014	Shallow/Intermediate	Primary	< 0.5	**6.3**	**2.6**	< 0.3	< 0.4	< 0.5	< 0.2	**0.96**	< 0.2	< 0.5	**11**	< 0.3
MW-1	12/16/2014	Shallow/Intermediate	Duplicate	< 0.5	**6.2**	**2.5**	< 0.3	< 0.4	< 0.5	< 0.2	**1**	< 0.2	< 0.5	**11**	< 0.3
MW-1	06/10/2015	Shallow/Intermediate	Primary	< 0.5	**11**	**3.6**	**0.51**	**0.57**	< 0.5	< 0.2	**1.8**	< 0.2	< 0.5	**12**	< 0.3
MW-1	12/10/2015	Shallow/Intermediate	Primary	< 0.5	**8**	**2.2**	< 0.3	< 0.4	< 0.5	< 0.2	**0.86**	< 0.2	< 0.5	**8.2**	< 0.3
MW-1	06/07/2016	Shallow/Intermediate	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
MW-1	12/02/2016	Shallow/Intermediate	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
MW-1	06/06/2017	Shallow/Intermediate	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
MW-2A	06/13/2011	Shallow Gaspur	Primary	< 2	**170**	**350**	**7.3**	**14**	**4.6**	**41**	**6.4**	**2.8**	**5**	**32**	< 2
MW-2A	09/26/2011	Shallow Gaspur	Primary	< 0.5	**150**	**260**	**6**	**14 J**	**29 J**	**35**	**9.2**	**3.2**	< 0.5	**13 J**	< 0.5
MW-2A	09/26/2011	Shallow Gaspur	Duplicate	< 2.5	**120**	**240**	**4.3**	**10 J**	**18 J**	**28**	**7.1**	< 2.5	< 2.5	**44 J**	< 2.5
MW-2A	12/07/2011	Shallow Gaspur	Primary	< 2	**84**	**260**	**3.8**	**14**	**39**	**53**	**11**	**3.5**	**5.4**	**42 J**	< 2
MW-2A	03/28/2012	Shallow Gaspur	Primary	< 0.5	**100**	**240**	**3.9**	**17**	**63**	**57**	**14**	**4.5**	< 0.5	**49**	< 0.5
MW-2A	06/13/2012	Shallow Gaspur	Primary	< 2	**93**	**240**	**2.8**	**16**	**65**	**59**	**16**	**5.4**	**5.4**	**83**	< 2
MW-2A	12/14/2012	Shallow Gaspur	Primary	< 0.5	**56**	**230**	**3.8**	**13**	**61**	**46**	**9.9**	**4.2**	< 0.5	**52 J**	< 0.5
MW-2A	06/20/2013	Shallow Gaspur	Primary	< 0.5	**52**	**380**	**5.6**	**15**	**30**	**37**	**5.5**	**2.6**	**3.7**	**20**	< 0.3
MW-2A	12/13/2013	Shallow Gaspur	Primary	< 5	**46**	**320**	< 3	**15**	**37**	**29**	**7.3**	< 2	< 5	**16**	< 3
MW-2A	06/12/2014	Shallow Gaspur	Primary	< 1	**38**	**230**	**4.4**	**9.4**	**11**	**15**	**2**	**1.8**	< 1	**11**	< 0.6
MW-2A	12/18/2014	Shallow Gaspur	Primary	< 1	**29**	**190**	**4.3**	**8.8**	**8.9**	**12**	**1.1**	**1.6**	< 1	**9.1**	< 0.6
MW-2A	06/08/2015	Shallow Gaspur	Primary	< 0.5	**35**	**150**	**4**	**8.4**	**6.4**	**11**	**1.2**	**1.9**	**2.9**	**6.3**	< 0.3
MW-2A	12/11/2015	Shallow Gaspur	Primary	< 0.5	**29**	**310**	**6.3**	**14**	**12**	**18**	**1.7**	**2.9**	**3.4**	**6.6**	< 0.3
MW-2A	06/08/2016	Shallow Gaspur	Primary	< 0.5	**49**	**190**	**7.9**	**11**	**4.3**	**12**	**1.2**	**4**	< 0.5	**4.6**	< 0.3
MW-2B	06/13/2011	Shallow Gaspur	Primary	< 0.5	**12**	**20**	**2.9**	**0.99**	**1.2**	**2.5**	**0.68**	**2.1**	< 0.5	**13**	< 0.5
MW-2B	09/26/2011	Shallow Gaspur	Primary	< 0.5	**11**	**27**	**1.6**	**0.89**	**1.4**	**3.3**	**1**	**1.3**	< 0.5	**14**	< 0.5
MW-2B	12/08/2011	Shallow Gaspur	Primary	< 0.5	**17**	**27**	**1.6**	**1.2**	**2.9**	**3.5**	**1.3**	**1.7**	< 0.5	**15 J**	< 0.5
MW-2B	03/27/2012	Shallow Gaspur	Primary	< 0.5	**12**	**35**	**2.1**	**1.6**	**4.1**	**4.1**	**1.5**	**1.7**	< 0.5	**16 J**	< 0.5
MW-2B	06/13/2012	Shallow Gaspur	Primary	< 0.5	**1.5**	**33**	**2.2**	**1**	**4.2**	**3.5**	**1.5**	**1.8**	< 0.5	**19**	< 0.5
MW-2B	12/14/2012	Shallow Gaspur	Primary	< 0.5	**4.9**	**26**	**2.3**	**0.95**	**1.8**	**2.9**	**0.91**	**2.4**	< 0.5	**17**	< 0.5
MW-2B	06/20/2013	Shallow Gaspur	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
MW-2B	12/13/2013	Shallow Gaspur	Primary	< 0.5	**0.93**	**5.3**	**2.7**	< 0.4	< 0.5	< 0.2	< 0.3	**2.1**	< 0.5	**15**	< 0.3
MW-2B	12/13/2013	Shallow Gaspur	Duplicate	< 0.5	**0.84**	**4.4**	**2.5**	< 0.4	< 0.5	< 0.2	< 0.3	**2.3**	< 0.5	**15**	< 0.3
MW-2B	06/12/2014	Shallow Gaspur	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
MW-2B	12/18/2014	Shallow Gaspur	Primary	< 0.5	**1.1**	**19**	**2.9**	**0.8**	**0.66**	**1.3**	< 0.3	**2.4**	< 0.5	**15**	< 0.3
MW-2B	06/09/2015	Shallow Gaspur	Primary	< 0.5	**0.61 J**	**11**	**4.6**	**0.52**	**2.2**	**1.2**	**0.53**	**3.2**	< 0.5	**18**	< 0.3

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

Well ID	Sample Date	Aquifer	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	06/09/2015	Shallow Gaspur	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
MW-2B	12/11/2015	Shallow Gaspur	Primary	< 0.5	**0.57**	**16**	**3.9**	**0.58**	**1.6**	**1.2**	< 0.3	**4.5**	< 0.5	**13**	< 0.3
MW-2B	06/09/2016	Shallow Gaspur	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
MW-2B	12/01/2016	Shallow Gaspur	Primary	< 0.5	**0.44 J**	**7.7**	**2.8**	< 0.4	**2**	**0.66**	< 0.3	**4.5**	< 0.5	**12**	< 0.3
MW-2B	12/01/2016	Shallow Gaspur	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
MW-2B	06/06/2017	Shallow Gaspur	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
MW-2C	06/13/2011	Intermediate Gaspur	Primary	< 0.5	**1.1**	**2.6**	< 0.5	< 0.5	< 0.5	< 0.5	**2.7**	< 0.5	< 0.5	< 4	< 0.5
MW-2C	09/27/2011	Intermediate Gaspur	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
MW-2C	12/08/2011	Intermediate Gaspur	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
MW-2C	03/26/2012	Intermediate Gaspur	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
MW-2C	06/13/2012	Intermediate Gaspur	Primary	< 0.5	**0.81**	**1.6**	< 0.5	< 0.5	< 0.5	< 0.5	**2.7**	< 0.5	< 0.5	< 1	< 0.5
MW-2C	12/13/2012	Intermediate Gaspur	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
MW-2C	06/20/2013	Intermediate Gaspur	Primary	< 0.5	< 0.2	< 0.2	< 0.3	< 0.4	< 0.5	< 0.2	**1.6**	< 0.2	< 0.5	< 1	< 0.3
MW-2C	12/13/2013	Intermediate Gaspur	Primary	< 0.5	< 0.2	< 0.2	< 0.3	< 0.4	< 0.5	< 0.2	**2.4**	< 0.2	< 0.5	< 1	< 0.3
MW-2C	06/12/2014	Intermediate Gaspur	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
MW-2C	12/18/2014	Intermediate Gaspur	Primary	< 0.5	< 0.2	< 0.2	< 0.3	< 0.4	< 0.5	< 0.2	**1.4**	< 0.2	< 0.5	< 1	< 0.3
MW-2C	06/09/2015	Intermediate Gaspur	Primary	< 0.5	< 0.2	< 0.2	< 0.3	< 0.4	< 0.5	< 0.2	**2.5**	< 0.2	< 0.5	< 1	< 0.3
MW-2C	12/11/2015	Intermediate Gaspur	Primary	< 0.5	< 0.2	< 0.2	< 0.3	< 0.4	< 0.5	< 0.2	**1.7**	< 0.2	< 0.5	< 1	< 0.3
MW-2C	12/11/2015	Intermediate Gaspur	Duplicate	< 0.5	< 0.2	< 0.2	< 0.3	< 0.4	< 0.5	< 0.2	**1.8**	< 0.2	< 0.5	< 1	< 0.3
MW-2C	06/09/2016	Intermediate Gaspur	Primary	< 0.5	< 0.2	< 0.2	< 0.3	< 0.4	< 0.5	< 0.2	**2**	< 0.2	< 0.5	< 1	< 0.3
MW-2C	12/01/2016	Intermediate Gaspur	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
MW-2C	06/06/2017	Intermediate Gaspur	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-4	11/01/1998	Shallow/Intermediate	Primary	< 1	**8**	**14**	**2**	**0.9 J**	**0.9**	**1**	**0.5**	< 1	< 1	NA	NA
MW-4	10/01/2000	Shallow/Intermediate	Primary	< 0.5	**6**	**15**	**2**	**1**	**1**	**4**	**1**	< 0.5	**0.3 J**	NA	NA
MW-4	03/01/2003	Shallow/Intermediate	Primary	< 1	**12**	**38**	**7**	**2**	**2**	**8**	**3**	< 1	< 1	NA	NA
MW-4	01/01/2004	Shallow/Intermediate	Primary	< 0.5	**6.8**	**23**	**2.6**	**0.93**	**0.86**	**3.7**	**1.3**	**0.23 J**	< 0.5	NA	NA
MW-4	11/01/2004	Shallow/Intermediate	Primary	< 0.5	**15**	**30 D**	**6.8**	**3**	**5**	**8.4**	< 0.5	**0.42 J**	< 0.5	**12**	NA
MW-4	08/01/2006	Shallow/Intermediate	Primary	< 0.5	**11**	**24 D**	**3.7**	**2**	**1.3**	**8.8**	**2.8**	< 0.5	**0.67**	**15**	NA
MW-4	03/01/2008	Shallow/Intermediate	Primary	< 0.5	**8.4**	**19 D**	**2.8**	**1.8**	**1.5**	**8.5**	**3.6**	**0.33 J**	< 0.5	**15**	NA
MW-4	05/13/2009	Shallow/Intermediate	Primary	< 0.5	**9.5**	**20**	**2.6**	**1.4**	< 0.5	**9.4**	**4.5**	**0.31 J**	**0.41 J**	**13**	NA
MW-4	06/15/2011	Shallow/Intermediate	Primary	< 0.5	**6.7**	**17**	**1.9**	**1.4**	**1**	**17**	**6.2**	< 0.5	< 0.5	**35**	< 0.5
MW-4	12/08/2011	Shallow/Intermediate	Primary	< 0.5	**8.3**	**14**	**1.5**	**1.2**	**1**	**17**	**6**	< 0.5	< 0.5	**26**	< 0.5
MW-4	06/07/2012	Shallow/Intermediate	Primary	< 0.5	**7.9**	**13**	**1.8**	**1.2**	**0.93**	**17**	**5.1**	< 0.5	< 0.5	**19 J**	< 0.5
MW-4	12/11/2012	Shallow/Intermediate	Primary	< 0.5	**5.3**	**10**	**0.78**	**0.82**	< 0.5	**14**	**5.4**	< 0.5	< 0.5	**40 J**	< 0.5
MW-4	06/17/2013	Shallow/Intermediate	Primary	< 0.5	**1.6**	**7.4**	**0.42 J**	**0.53**	< 0.5	**11**	**2.4**	< 0.2	< 0.5	**29**	< 0.3
MW-4	12/12/2013	Shallow/Intermediate	Primary	< 0.5	**0.4 J**	**2.5**	< 0.3	< 0.4	< 0.5	**1**	< 0.3	< 0.2	< 0.5	**29**	< 0.3
MW-4	06/12/2014	Shallow/Intermediate	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
MW-4	12/19/2014	Shallow/Intermediate	Primary	< 0.5	**0.38 J**	**2.6**	< 0.3	< 0.4	< 0.5	**2**	**0.6**	< 0.2	< 0.5	**29**	< 0.3
MW-4	06/11/2015	Shallow/Intermediate	Primary	< 0.5	**0.52**	**2.3**	< 0.3	< 0.4	< 0.5	**2.4**	**1 J**	< 0.2	< 0.5	**31**	< 0.3
MW-4	12/07/2015	Shallow/Intermediate	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
MW-4	06/10/2016	Shallow/Intermediate	Primary	< 0.5	< 0.2	**5.6**	< 0.3	< 0.4	< 0.5	**3.5**	**0.84**	< 0.2	< 0.5	**15**	< 0.3
MW-4	12/02/2016	Shallow/Intermediate	Primary	< 0.5	**0.46 J**	**10**	**0.72**	**0.91**	**0.56**	**6.8**	**1.9**	< 0.2	< 0.5	**23**	< 0.3
MW-4	06/06/2017	Shallow/Intermediate	Primary	< 0.5	**0.4 J**	**8.9**	**1**	**0.7**	**0.91**	**6.5**	**1.4**	< 0.2	< 0.5	**23**	< 0.3
MW-4	06/06/2017	Shallow/Intermediate	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
MW-4B	06/14/2011	Intermediate Gaspur	Primary	< 0.5	**1.9**	**4.2**	< 0.5	**1**	< 0.5	< 0.5	**3.9**	< 0.5	< 0.5	< 3.6	< 0.5
MW-4B	09/26/2011	Intermediate Gaspur	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
MW-4B	12/06/2011	Intermediate Gaspur	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
MW-4B	12/06/2011	Intermediate Gaspur	Duplicate	< 0.5	**2**	**5.7**	< 0.5	**1.5**	< 0.5	< 0.5	**5.4**	< 0.5	< 0.5	< 0.95	< 0.5

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

Well ID	Sample Date	Aquifer	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-4B	03/26/2012	Intermediate Gaspur	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
MW-4B	06/07/2012	Intermediate Gaspur	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
MW-4B	12/12/2012	Intermediate Gaspur	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
MW-4B	06/20/2013	Intermediate Gaspur	Primary	< 0.5	< 0.2	12	< 0.3	4	< 0.5	< 0.2	4.1	1.1	< 0.5	1 J	< 0.3
MW-4B	12/12/2013	Intermediate Gaspur	Primary	< 0.5	0.38 J	28	< 0.3	7.9	< 0.5	< 0.2	3.3	4.2	< 0.5	< 1	< 0.3
MW-4B	06/12/2014	Intermediate Gaspur	Primary	< 0.5	1.4	33	< 0.3	9	< 0.5	< 0.2	2.6	5.6	< 0.5	1.1 J	< 0.3
MW-4B	12/19/2014	Intermediate Gaspur	Primary	< 0.5	1.4	26	< 0.3	7	< 0.5	< 0.2	1.4	5.2	< 0.5	< 1	< 0.3
MW-4B	06/11/2015	Intermediate Gaspur	Primary	< 0.5	1.6	31	< 0.3	9.1	0.87	< 0.2	3.1 J	7.8	< 0.5	< 1	< 0.3
MW-4B	12/07/2015	Intermediate Gaspur	Primary	< 0.5	1.2	32	< 0.3	9.7	2.3	< 0.2	2.2	7.1	< 0.5	< 1	< 0.3
MW-4B	06/10/2016	Intermediate Gaspur	Primary	< 0.5	1.2	36	< 0.3	11	1.6	< 0.2	2.7	6.2	< 0.5	< 1	< 0.3
MW-4B	06/10/2016	Intermediate Gaspur	Duplicate	< 0.5	1.1	39	< 0.3	12	1.6	< 0.2	3.6	6.8	< 0.5	< 1	< 0.3
MW-4B	12/02/2016	Intermediate Gaspur	Primary	< 0.5	1.3	45	< 0.3	14	2.3	< 0.2	3.7	5.7	< 0.5	< 1	< 0.3
MW-4B	06/08/2017	Intermediate Gaspur	Primary	< 0.5	0.52	8.8	< 0.3	2.8	0.91	< 0.2	1.8	1.6	< 0.5	< 1	< 0.3
MW-15	12/01/2000	Intermediate Gaspur	Primary	1	590	150	10	7	2.2	22	4.1	1	2	NA	NA
MW-15	02/01/2001	Intermediate Gaspur	Primary	2	700	170	10	6	2	20	3.7	1	2	NA	NA
MW-15	05/01/2003	Intermediate Gaspur	Primary	< 10 *	250	98	9 J	3 J	< 10 *	10 J	11	< 10 *	< 10 *	NA	NA
MW-15	01/01/2004	Intermediate Gaspur	Primary	0.3 J	360 D	160 D	6.7	6.5	1.2	14	14	0.85	4.1	NA	NA
MW-15	07/01/2004	Intermediate Gaspur	Primary	< 0.5	87 D	70 D	3.9	3.5	1.1	7.3	3.9	0.43 J	1.3	54	NA
MW-15	08/01/2006	Intermediate Gaspur	Primary	< 0.5	17	82 D	1.1	2.3	< 0.5	1.6	2.5	0.36 J	< 0.5	12	NA
MW-15	03/01/2008	Intermediate Gaspur	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
MW-15	05/13/2009	Intermediate Gaspur	Primary	< 0.5	27 D	55 D	1.8	2	1.7 J	3.9	3.6	0.4 J	< 0.5	6	NA
MW-15	07/15/2010	Intermediate Gaspur	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
MW-15	06/17/2013	Intermediate Gaspur	Primary	< 0.5	0.36 J	30	0.59	3	0.9	1.1	1.8	3.8	< 0.5	6	< 0.3
MW-15	12/11/2013	Intermediate Gaspur	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
MW-15	06/11/2014	Intermediate Gaspur	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
MW-15	12/19/2014	Intermediate Gaspur	Primary	< 0.5	0.47 J	32	< 0.3	7.8	< 0.5	< 0.2	2	4.6	< 0.5	1 J	< 0.3
MW-15	06/08/2015	Intermediate Gaspur	Primary	< 0.5	0.5	30	< 0.3	9.8	0.75	< 0.2	4.4	5.1	< 0.5	< 1	< 0.3
MW-15	12/07/2015	Intermediate Gaspur	Primary	< 0.5	0.84	35	< 0.3	8.1	0.66	0.37 J	3.3	4.7	< 0.5	< 1	< 0.3
MW-15	06/07/2016	Intermediate Gaspur	Primary	< 0.5	2.6	52	0.82	3.7	0.81	0.87	2.1	2	< 0.5	1.7 J	< 0.3
MW-15	06/07/2016	Intermediate Gaspur	Re-analyzed	< 0.5	2.6	53	0.95	3.4	0.72	0.81	2.1	1.7	< 0.5	NA	< 0.3
MW-15	11/30/2016	Intermediate Gaspur	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
MW-15	06/07/2017	Intermediate Gaspur	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
MW-15B	05/01/2009	Lower Gaspur	Primary	< 0.5	32 D	120 D	1.7	4.1	8.2	13	4.5	0.64	< 0.5	17	NA
MW-15B	07/14/2010	Lower Gaspur	Primary	< 0.5	13	100	2.1	4.9	8.3	6.5	5.9	< 0.5	0.73	9.4 J	< 0.5
MW-15B	07/14/2010	Lower Gaspur	Duplicate	< 0.5	13	100	2	4.7	7.7	6.3	6	< 0.5	0.72	9 J	< 0.5
MW-15B	06/15/2011	Lower Gaspur	Primary	< 0.5	13	120	2.9	5.9	5.6	7.2	7	0.9	0.84	14	< 0.5
MW-15B	12/07/2011	Lower Gaspur	Primary	< 1	7.3	100	1.8	4.7	2.5	4.5	5.3	1.2	< 1	14	< 1
MW-15B	06/08/2012	Lower Gaspur	Primary	< 0.5	7	92	1.7	4.9	2.9	4	5.1	1.9	0.71	12 J	< 0.5
MW-15B	12/12/2012	Lower Gaspur	Primary	< 0.5	4.8	72	1.3	4	2.2	2.8	4.1	2.7	0.56	12	< 0.5
MW-15B	06/18/2013	Lower Gaspur	Primary	< 0.5	< 0.2	67	1.6	4.5	5.1	4.6	4.4	2.6	< 0.5	11	< 0.3
MW-15B	06/18/2013	Lower Gaspur	Duplicate	< 0.5	< 0.2	69	1.6	4.6	5.2	4.6	4.4	2.6	< 0.5	12	< 0.3
MW-15B	12/12/2013	Lower Gaspur	Primary	< 0.5	0.25 J	69	1.6	4	4.3	3.2	3.6	2.2	< 0.5	12	< 0.3
MW-15B	06/11/2014	Lower Gaspur	Primary	< 0.5	< 0.2	67	1.5	4	3.6	3.7	3.5	1.7	< 0.5	14	< 0.3
MW-15B	06/11/2014	Lower Gaspur	Duplicate	< 0.5	< 0.2	64	1.5	3.7	3.4	3.5	3.4	1.8	< 0.5	13	< 0.3
MW-15B	12/18/2014	Lower Gaspur	Primary	< 0.5	1.6	55	0.9	3.8	1.2	1.1	2.2	1.9	< 0.5	5	< 0.3
MW-15B	06/09/2015	Lower Gaspur	Primary	< 0.5	1.2	42	0.6	5	0.97	1.2	4.2	2.6	< 0.5	2.8	< 0.3
MW-15B	12/08/2015	Lower Gaspur	Primary	< 0.5	3.2	82	1.2	5.7	1.1	1.6	3.9	1.9	< 0.5	< 1	< 0.3
MW-15B	06/07/2016	Lower Gaspur	Primary	< 0.5	< 0.2	20	0.42 J	4	< 0.5	0.31 J	2.2	1.6	< 0.5	< 1	< 0.3

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

Well ID	Sample Date	Aquifer	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-15B	06/07/2016	Lower Gaspur	Re-analyzed	< 0.5	< 0.2	**21**	< 0.3	**4**	< 0.5	< 0.2	**2.6**	**1.9**	< 0.5	NA	< 0.3
MW-15B	11/30/2016	Lower Gaspur	Primary	< 0.5	**2.2**	**41**	**0.63**	**3.3**	**0.7**	**0.72**	**1.6**	**1.2**	< 0.5	< 1	< 0.3
MW-15B	11/30/2016	Lower Gaspur	Duplicate	< 0.5	**2**	**38**	**0.68**	**3.3**	**0.57**	**0.58**	**1.5**	**1**	< 0.5	< 1	< 0.3
MW-15B	06/06/2017	Lower Gaspur	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
MW-16	12/01/2000	Exposition	Primary	< 1	< 1	< 1	< 1	< 1	< 0.5	< 1	< 0.5	< 1	< 1	NA	NA
MW-16	02/01/2001	Exposition	Primary	< 1	< 1	< 1	< 1	< 1	< 0.5	< 1	< 0.5	< 1	< 1	NA	NA
MW-16	03/01/2003	Exposition	Primary	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	**0.2 J**	< 0.5	< 0.5	NA	NA
MW-16	01/01/2004	Exposition	Primary	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	NA	NA
MW-16	11/01/2004	Exposition	Primary	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 1	NA
MW-16	08/01/2006	Exposition	Primary	< 0.5	< 0.5	**0.25 J**	< 0.5	< 0.5	< 0.5	< 0.5	**0.58**	< 0.5	< 0.5	< 1	NA
MW-16	03/01/2008	Exposition	Primary	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	**0.79**	< 0.5	< 0.5	< 2	NA
MW-16	05/13/2009	Exposition	Primary	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2	NA
MW-16	06/14/2011	Exposition	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
MW-16	06/14/2011	Exposition	Duplicate	< 0.5	< 0.5	**0.58**	< 0.5	< 0.5	< 0.5	< 0.5	**1**	< 0.5	< 0.5	< 3.6	< 0.5
MW-16	12/05/2011	Exposition	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
MW-16	12/13/2012	Exposition	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
MW-16	12/13/2012	Exposition	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
MW-16	12/11/2013	Exposition	Primary	< 0.5	< 0.2	**2**	< 0.3	< 0.4	< 0.5	< 0.2	**1.1**	< 0.2	< 0.5	< 1	< 0.3
MW-16	12/19/2014	Exposition	Primary	< 0.5	< 0.2	**2**	< 0.3	< 0.4	< 0.5	< 0.2	**0.72**	< 0.2	< 0.5	< 1	< 0.3
MW-16	12/07/2015	Exposition	Primary	< 0.5	< 0.2	**2.4**	< 0.3	< 0.4	< 0.5	< 0.2	**1.1**	< 0.2	< 0.5	< 1	< 0.3
MW-16	06/07/2016	Exposition	Primary	< 0.5	< 0.2	**2.4**	< 0.3	< 0.4	< 0.5	< 0.2	**1.1**	< 0.2	< 0.5	< 1	< 0.3
MW-16	11/30/2016	Exposition	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
MW-16	06/06/2017	Exposition	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
MW-17	12/01/2000	Shallow Gaspur	Primary	< 1	**3**	**0.5 J**	< 1	< 1	< 0.5	**0.3 J**	< 1	< 1	< 1	NA	NA
MW-17	02/01/2001	Shallow Gaspur	Primary	< 1	< 1	< 1	< 1	< 1	< 0.5	< 0.5	< 1	< 1	< 1	NA	NA
MW-17	03/01/2003	Shallow Gaspur	Primary	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	**0.2 J**	< 0.5	< 0.5	NA	NA
MW-17	01/01/2004	Shallow Gaspur	Primary	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	NA	NA
MW-17	11/01/2004	Shallow Gaspur	Primary	< 0.5	**0.58**	**0.52**	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	**0.9**	NA
MW-17	08/01/2006	Shallow Gaspur	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
MW-17	03/01/2008	Shallow Gaspur	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
MW-17	05/12/2009	Shallow Gaspur	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
MW-17	06/14/2011	Shallow Gaspur	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
MW-17	12/06/2011	Shallow Gaspur	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
MW-17	06/07/2012	Shallow Gaspur	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
MW-17	12/12/2012	Shallow Gaspur	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
MW-17	12/12/2012	Shallow Gaspur	Duplicate	< 0.5	**1.8**	**3**	**0.97**	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	**10**	< 0.5
MW-17	06/18/2013	Shallow Gaspur	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
MW-17	12/12/2013	Shallow Gaspur	Primary	< 0.5	< 0.2	**2.6**	**0.7**	< 0.4	< 0.5	**0.83**	**0.77**	< 0.2	< 0.5	**5**	< 0.3
MW-17	06/11/2014	Shallow Gaspur	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
MW-17	12/16/2014	Shallow Gaspur	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
MW-17	06/09/2015	Shallow Gaspur	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
MW-17	12/09/2015	Shallow Gaspur	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
MW-17	06/09/2016	Shallow Gaspur	Primary	< 0.5	**2.4**	**5.6**	**2.2**	< 0.4	< 0.5	**1.1**	**0.86**	< 0.2	< 0.5	**4**	< 0.3
MW-17	06/09/2016	Shallow Gaspur	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
MW-17	12/01/2016	Shallow Gaspur	Primary	< 0.5	**3**	**4.2**	**1.8**	< 0.4	< 0.5	**1.2**	**0.56**	< 0.2	< 0.5	**8.1**	< 0.3
MW-17	06/06/2017	Shallow Gaspur	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
MW-18	12/01/2000	Exposition	Primary	< 1	< 1	**0.6 J**	< 1	< 1	< 0.5	< 1	**0.4 J**	< 1	< 1	NA	NA
MW-18	02/01/2001	Exposition	Primary	< 1	< 1	**0.5 J**	< 1	< 1	< 0.5	< 1	**0.3 J**	< 1	< 1	NA	NA

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

Well ID	Sample Date	Aquifer	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-18	03/01/2003	Exposition	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
MW-18	01/01/2004	Exposition	Primary	< 0.5	**0.24 J**	**0.72**	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	NA	NA
MW-18	08/01/2006	Exposition	Primary	< 0.5	**0.57**	**0.96**	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.9	NA
MW-18	03/01/2008	Exposition	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
MW-18	05/12/2009	Exposition	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
MW-18	06/14/2011	Exposition	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
MW-18	12/05/2011	Exposition	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
MW-18	12/11/2012	Exposition	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
MW-18	12/12/2013	Exposition	Primary	< 0.5	< 0.2	**1.3**	< 0.3	< 0.4	< 0.5	< 0.2	< 0.3	< 0.2	< 0.5	< 1	< 0.3
MW-18	12/16/2014	Exposition	Primary	< 0.5	< 0.2	**1.4**	< 0.3	< 0.4	< 0.5	< 0.2	< 0.3	< 0.2	< 0.5	< 1	< 0.3
MW-18	12/09/2015	Exposition	Primary	< 0.5	< 0.2	**1.6**	< 0.3	< 0.4	< 0.5	< 0.2	< 0.3	< 0.2	< 0.5	< 1	< 0.3
MW-18	12/09/2015	Exposition	Duplicate	< 0.5	< 0.2	**1.8**	< 0.3	< 0.4	< 0.5	< 0.2	< 0.3	< 0.2	< 0.5	< 1	< 0.3
MW-18	12/01/2016	Exposition	Primary	< 0.5	< 0.2	**1.8**	< 0.3	< 0.4	< 0.5	< 0.2	< 0.3	< 0.2	< 0.5	< 1	< 0.3
MW-18	06/07/2017	Exposition	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
MW-19	12/01/2000	Shallow Gaspur	Primary	< 1	**6700**	**45**	**18**	**9**	**1.2**	**31**	**12**	**1**	< 1	NA	NA
MW-19	02/01/2001	Shallow Gaspur	Primary	< 1	**5700**	**33**	**16**	**8**	**1**	**29**	**9.7**	**1**	< 1	NA	NA
MW-19	05/01/2003	Shallow Gaspur	Primary	< 50 *	**1000**	< 50 *	< 50 *	< 50 *	< 50 *	< 50 *	**39 J**	< 50 *	< 50 *	NA	NA
MW-19	01/01/2004	Shallow Gaspur	Primary	< 0.5	**450 D**	**11**	**2.8 J**	**1.5**	**0.19 J**	**3**	**34 D**	< 0.5	< 0.5	NA	NA
MW-19	07/01/2004	Shallow Gaspur	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
MW-19	08/01/2006	Shallow Gaspur	Primary	< 0.5	**94 D**	**13**	**1.1**	**1.6**	< 0.5	**0.96**	**23**	< 0.5	< 0.5	**3.7**	NA
MW-19	03/01/2008	Shallow Gaspur	Primary	< 0.5	**42 D**	**15**	**0.73**	**1.6**	**0.31 J**	**0.56**	**14**	< 0.5	< 0.5	**3.3**	NA
MW-19	05/19/2009	Shallow Gaspur	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
MW-19	06/15/2011	Shallow Gaspur	Primary	< 0.5	**11**	**29**	< 0.5	**0.89**	< 0.5	< 0.5	**5.5**	< 0.5	< 0.5	**4.2**	< 0.5
MW-19	12/07/2011	Shallow Gaspur	Primary	< 0.5	**6.2**	**26**	< 0.5	**1.8**	< 0.5	< 0.5	**7.1**	< 0.5	< 0.5	**2.9**	< 0.5
MW-19	12/07/2011	Shallow Gaspur	Duplicate	< 0.5	**7.1**	**23**	< 0.5	**1.5**	< 0.5	< 0.5	**7.4**	< 0.5	< 0.5	**2.9**	< 0.5
MW-19	06/07/2012	Shallow Gaspur	Primary	< 0.5	**4.5**	**15**	< 0.5	< 0.5	< 0.5	< 0.5	**6**	< 0.5	< 0.5	**3.4 J**	< 0.5
MW-19	12/12/2012	Shallow Gaspur	Primary	< 0.5	**6.5**	**38**	< 0.5	**3.4**	**0.87**	< 0.5	**2.6**	< 0.5	< 0.5	**4.5**	< 0.5
MW-19	06/18/2013	Shallow Gaspur	Primary	< 0.5	**8**	**11**	**1.2**	**0.73**	**8.5**	**0.55**	**20**	< 0.2	< 0.5	**7.3**	< 0.3
MW-19	12/11/2013	Shallow Gaspur	Primary	< 0.5	**4.7**	**4.3**	**2.4**	**0.43 J**	**7**	**0.7**	**41**	< 0.2	< 0.5	**5.1**	< 0.3
MW-19	06/11/2014	Shallow Gaspur	Primary	< 0.5	**9.8**	**13**	**3.8**	**1.1**	**4.3**	**1.2**	**74**	**0.45 J**	< 0.5	**4.2**	< 0.3
MW-19	12/15/2014	Shallow Gaspur	Primary	< 0.5	**7.3**	**7.9**	**3.3**	**0.98**	**2.5**	**1.1**	**34**	< 0.2	< 0.5	**3.3**	< 0.3
MW-19	06/09/2015	Shallow Gaspur	Primary	< 0.5	**9.5**	**19**	**3.3**	**2.3**	**2.7**	**1.3**	**28**	< 0.2	< 0.5	**3.2**	< 0.3
MW-19	12/09/2015	Shallow Gaspur	Primary	< 0.5	**9.8**	**19**	**3.9**	**1.7**	**3**	**1.4**	**26**	< 0.2	< 0.5	**3.4**	< 0.3
MW-19	06/07/2016	Shallow Gaspur	Primary	< 0.5	**8**	**6.5**	**7**	**0.68**	**3.2**	**1.5**	**19**	< 0.2	< 0.5	**5.5**	< 0.3
MW-19	12/01/2016	Shallow Gaspur	Primary	< 0.5	**7.1**	**15**	**5.6**	**1.9**	**1**	**1.1**	**12**	< 0.2	< 0.5	**4.8**	< 0.3
MW-19	06/08/2017	Shallow Gaspur	Primary	< 0.5	**1.5**	**7**	**1.6**	**0.56**	**7.1**	**0.91**	**8.3**	< 0.2	< 0.5	**9.8**	< 0.3
MW-19	06/08/2017	Shallow Gaspur	Duplicate	< 0.5	**2.2**	**6.1**	**2**	**0.63**	**4.9**	**0.87**	**6.8**	< 0.2	< 0.5	**12**	< 0.3
MW-20	02/01/2003	Shallow Gaspur	Primary	**5.6**	**300**	**110**	**7.6**	**5.4**	< 5	**32**	**6.4**	NA	NA	NA	NA
MW-20	05/01/2003	Shallow Gaspur	Primary	< 13	**520**	**140**	< 13	< 13	< 13	**41**	< 13	< 13 *	< 13 *	NA	NA
MW-20	12/01/2003	Shallow Gaspur	Primary	**5.2**	**570**	**150**	**16**	**7.8**	**3.6**	**44**	**7.6**	**1.1**	**4.2**	NA	NA
MW-20	02/01/2004	Shallow Gaspur	Primary	**4.1**	**490**	**140**	**14**	**7.3**	**2.8**	**39**	**7.8**	**0.97**	**4.1**	NA	NA
MW-20	04/04/2004	Shallow Gaspur	Primary	**5.1**	**670**	**180**	**15**	**8.9**	< 0.5	**48**	**8**	< 0.5	**4.9**	**120**	NA
MW-20	07/01/2004	Shallow Gaspur	Primary	**4**	**470 D**	**140 D**	**16**	**7.6**	**3**	**45**	**7.3**	**1.1**	**4.3**	NA	NA
MW-20	11/01/2004	Shallow Gaspur	Primary	**5.1**	**770 D**	**200 E**	**24**	**11**	**8.3**	**58 D**	**12**	**1.2**	**5.9 J**	NA	NA
MW-20	04/01/2005	Shallow Gaspur	Primary	**2.4**	**120 D**	**45 D**	**7.2**	**4.6**	**1.9**	**13 D**	**7.9**	**0.68**	**3.7**	**180**	NA
MW-20	07/01/2005	Shallow Gaspur	Primary	**3.2**	**520 D**	**200 D**	**18**	**8.2**	**4.7**	**54 D**	**10**	**0.85**	**4.4**	**140**	NA
MW-20	07/01/2005	Shallow Gaspur	Primary	**1.2**	**210 D**	**98 D**	**3.8**	**3.5**	**0.69**	**22**	**8.4**	**0.45 J**	**3**	**150**	NA
MW-20	08/01/2005	Shallow Gaspur	Primary	**2.7**	**230**	**81**	**11**	**5.5**	**2.3**	**30**	**11**	**0.5**	**4.3**	**160**	NA

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

Well ID	Sample Date	Aquifer	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-20	09/01/2005	Shallow Gaspur	Primary	2	160	60	6.3	2.6	1.1	24	6.8	0.3	2.6	140	NA
MW-20	09/01/2005	Shallow Gaspur	Primary	1.7	150	50	5.5	2.7	0.8	21	6.3	0.3	2.6	120	NA
MW-20	10/01/2005	Shallow Gaspur	Primary	2.4	220	71	6.5	3	1	34	6.5	0.4	3.6	120	NA
MW-20	11/01/2005	Shallow Gaspur	Primary	1.1	130	39	5.4	1.8	0.7	22	3.7	0.3	1.8	98	NA
MW-20	01/01/2006	Shallow Gaspur	Primary	2.8	240	64	10	4.2	1	34	6.7	0.5	3.5	110	NA
MW-20	03/01/2006	Shallow Gaspur	Primary	0.75	110 D	31 D	2	1	0.62	16	2.7	< 0.5	< 0.5	79	NA
MW-20	06/01/2006	Shallow Gaspur	Primary	1.8	340	77	15	6	3.1	34	6.3	0.6	3.6	160	NA
MW-20	08/01/2006	Shallow Gaspur	Primary	0.99	140 D	26	5	2	< 0.5	14	3.9	0.4 J	2	71	NA
MW-20	03/01/2008	Shallow Gaspur	Primary	2.4	200 D	120 D	9.1	4.6	2.7	42 D	5.8	0.57	2.8	66	NA
MW-20	05/12/2009	Shallow Gaspur	Primary	1.3 J	100 D	130 D	9.2	4.6	< 2.5	32	5.3	< 2.5	< 2.5	39	NA
MW-20	06/16/2011	Shallow Gaspur	Primary	< 2	81	230	12	6.7	19	43	5.9	< 2	3.5	240	< 2
MW-20	12/09/2011	Shallow Gaspur	Primary	< 1	72	200	9	5.8	9.9	33	6.3	< 1	2.9	140 J	1.6
MW-20	06/13/2012	Shallow Gaspur	Primary	< 2	56	250	13	7.3	15	34	6.4	< 2	< 2	190	< 2
MW-20	12/14/2012	Shallow Gaspur	Primary	< 0.5	24	92	6.6	5.1	27	15	3.1	0.51	< 0.5	170	0.68
MW-20	06/18/2013	Shallow Gaspur	Primary	< 0.5	12	140	9.1	6.9	23	20	4	0.41 J	1.1	60	< 0.3
MW-20	12/13/2013	Shallow Gaspur	Primary	< 1	32	130	8.2	5.4	36	17	2.8	< 0.4	< 1	100	< 0.6
MW-20	06/10/2014	Shallow Gaspur	Primary	< 0.5	6.8	110	4.6	4	28	11	1.6	0.31 J	< 0.5	91	< 0.3
MW-20	12/19/2014	Shallow Gaspur	Primary	< 0.5	29	56	3.2	2.4	18	6	0.66	< 0.2	< 0.5	69	< 0.3
MW-20	06/11/2015	Shallow Gaspur	Primary	< 0.5	21	110	6.5	5.1	28	13	2.7 J	0.35 J	0.83	140	< 0.3
MW-20	06/11/2015	Shallow Gaspur	Duplicate	< 0.5	19	100	6.5	5.2	28	12	2.3 J	0.29 J	0.72	150	< 0.3
MW-20	12/09/2015	Shallow Gaspur	Primary	< 0.5	50	280	15	8	11	36	4.9	0.68	2.2	220	1.1
MW-20	06/07/2016	Shallow Gaspur	Primary	0.82	250	170	26	9.4	5.2	49	7	1	< 0.5	240	2.1
MW-20	12/02/2016	Shallow Gaspur	Primary	0.64	190	340	24	13	6.6	73	7.8	0.96	< 0.5	280	2.8
MW-20	06/08/2017	Shallow Gaspur	Primary	< 0.5	47	160	4.6	5.6	1.5	29	3.1	0.44 J	2.4	240	3.1
MW-20B	07/01/2005	Intermediate Gaspur	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
MW-20B	07/01/2005	Intermediate Gaspur	Primary	< 0.5	16	13	< 0.5	1.1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	NA	NA
MW-20B	08/01/2005	Intermediate Gaspur	Primary	< 0.5	19	17	0.2 J	1.4	< 0.5	0.3 J	< 0.5	< 0.5	< 0.5	0.6	NA
MW-20B	09/01/2005	Intermediate Gaspur	Primary	< 0.5	18	13	0.2 J	1	< 0.5	0.4 J	< 0.5	< 0.5	< 0.5	0.5	NA
MW-20B	09/01/2005	Intermediate Gaspur	Primary	< 0.5	6.2	8.4	< 0.5	0.6	< 0.5	0.2 J	< 0.5	< 0.5	< 0.5	< 1	NA
MW-20B	10/01/2005	Intermediate Gaspur	Primary	< 0.5	6	6.9	< 0.5	0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 1	NA
MW-20B	11/01/2005	Intermediate Gaspur	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
MW-20B	01/01/2006	Intermediate Gaspur	Primary	< 0.5	10	17	0.4	1.2	0.3	0.7	0.2	< 0.5	< 0.5	1.8	NA
MW-20B	03/01/2006	Intermediate Gaspur	Primary	< 0.5	6.3	16	< 0.5	0.87	< 0.5	0.8	< 0.5	< 0.5	< 0.5	2.2	NA
MW-20B	05/01/2006	Intermediate Gaspur	Primary	NA	11	19	0.4 J	1.4	0.4 J	0.6	NA	NA	NA	1.9	NA
MW-20B	08/01/2006	Intermediate Gaspur	Primary	< 0.5	17	27 D	0.68	2	< 0.5	1.7	< 0.5	< 0.5	< 0.5	3.7	NA
MW-20B	03/01/2008	Intermediate Gaspur	Primary	< 0.5	19	27 D	0.62	2.2	0.71	1.9	< 0.5	< 0.5	< 0.5	3	NA
MW-20B	05/12/2009	Intermediate Gaspur	Primary	< 0.5	7.7	17 D	0.84	1.6	< 0.5	2.2	< 0.5	< 0.5	< 0.5	80 D	NA
MW-20B	07/14/2010	Intermediate Gaspur	Primary	< 0.5	15	120	4.4	6	13	18	2.4	< 0.5	0.82	61 J	< 0.5
MW-20B	06/16/2011	Intermediate Gaspur	Primary	< 0.5	2.9	160	4.7	8.7	28	26	5	0.71	1.3	140	< 0.5
MW-20B	12/09/2011	Intermediate Gaspur	Primary	< 1	< 1	140	3.1	8.7	34	27	7.1	< 1	1.4	110 J	< 1
MW-20B	06/12/2012	Intermediate Gaspur	Primary	< 1	< 1	180	4.4	12	30	30	7.9	1.2	1.7	120	< 1
MW-20B	06/12/2012	Intermediate Gaspur	Split	< 0.5	0.41 J	120 D	4.2	14	31 D	23 D	7.1	1.2	1.7	61	NA
MW-20B	12/12/2012	Intermediate Gaspur	Primary	< 0.5	< 0.5	140	3.7	9.1	44	26	6.5	0.89	1.7	140	< 0.5
MW-20B	12/12/2012	Intermediate Gaspur	Primary	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	200	NA
MW-20B	06/18/2013	Intermediate Gaspur	Primary	< 0.5	0.76	140	4.2	9.5	31	28	4.7	0.6	1.2	78	< 0.3
MW-20B	12/12/2013	Intermediate Gaspur	Primary	< 0.5	2.1	100	3.5	7.5	22	14	2.3	0.38 J	< 0.5	53	< 0.3
MW-20B	06/10/2014	Intermediate Gaspur	Primary	< 0.5	2.8	74	3	5.8	11	8.2	1.4	0.25 J	< 0.5	39	< 0.3
MW-20B	12/19/2014	Intermediate Gaspur	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

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

Well ID	Sample Date	Aquifer	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	12/19/2014	Intermediate Gaspur	Duplicate	< 0.5	**0.84**	**10**	**0.77**	**1.8**	**7.3**	**2**	**0.31 J**	< 0.2	< 0.5	**9.2**	< 0.3
MW-20B	06/11/2015	Intermediate Gaspur	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
MW-20B	12/09/2015	Intermediate Gaspur	Primary	< 0.5	**2**	**19**	**1.3**	**1.1**	**2.7**	**2**	**0.61**	< 0.2	< 0.5	**3.8**	< 0.3
MW-20B	06/07/2016	Intermediate Gaspur	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
MW-20B	12/01/2016	Intermediate Gaspur	Primary	< 0.5	**1.7**	**20**	**1.4**	**1.2**	**3.7**	**3**	**0.79**	< 0.2	< 0.5	**9.3**	< 0.3
MW-20B	06/06/2017	Intermediate Gaspur	Primary	< 0.5	**2**	**22**	**2**	**1.3**	**9.8**	**3.5**	**0.58**	< 0.2	< 0.5	**14**	< 0.3
MW-21	12/01/2003	Shallow Gaspur	Primary	**2.3**	**870**	**370**	**25**	**14**	**5.2**	**61**	**17**	**2.7**	**9.7**	NA	NA
MW-21	02/01/2004	Shallow Gaspur	Primary	**2.2**	**680**	**330**	**27**	**16 J**	**4.9**	**51**	**17**	**2.6**	**9.3**	NA	NA
MW-21	03/01/2004	Shallow Gaspur	Primary	**3**	**980**	**490**	**50 J**	**20**	**5**	**80**	**20**	< 0.5	**11**	**280**	NA
MW-21	07/01/2004	Shallow Gaspur	Primary	**2.8**	**640 D**	**340 D**	**29**	**15**	**5.8**	**69**	**17**	**2.6**	**8.3**	NA	NA
MW-21	11/01/2004	Shallow Gaspur	Primary	**2.1**	**720 D**	**430 D**	**24**	**11**	**64 D**	**59 D**	**21**	**3**	**8.2 J**	NA	NA
MW-21	03/01/2005	Shallow Gaspur	Primary	**0.43 J**	**180 D**	**120 D**	**13 J**	**11**	**20**	**18 D**	**5.8 D**	**1.5**	**3.3**	**170**	NA
MW-21	11/01/2005	Shallow Gaspur	Primary	< 0.5	**220**	**120**	**28**	**12**	**18**	**35**	**6**	**1.6**	**2.6**	**240**	NA
MW-21	03/01/2006	Shallow Gaspur	Primary	< 0.5	**390 D**	**280 D**	**19**	**17**	**23**	**50**	**12**	**2.7**	< 0.5	**360**	NA
MW-21	08/01/2006	Shallow Gaspur	Primary	< 0.5	**260 D**	**260 D**	**20**	**19**	**30 D**	**55 D**	**16**	**3.5**	**5.5**	**280**	NA
MW-21	03/01/2008	Shallow Gaspur	Primary	< 0.5	**320 D**	**340 D**	**19**	**23 D**	**41 D**	**66 D**	**16**	**3.4**	**6.4**	**330 D**	NA
MW-21	05/13/2009	Shallow Gaspur	Primary	< 5	**340 D**	**500 D**	**15**	**16**	**14**	**53**	**14**	**3.2 J**	**6.3**	< 2	NA
MW-21	07/15/2010	Shallow Gaspur	Primary	< 1.2	**270**	**400**	**19**	**21**	**18 J**	**76 J**	**18**	**3.6**	**8.7**	**220 J**	**6**
MW-21	06/16/2011	Shallow Gaspur	Primary	< 5	**310**	**580**	**20**	**28**	**20**	**89**	**23**	< 5	< 5	**190 J**	**7.2**
MW-21	12/09/2011	Shallow Gaspur	Primary	< 5	**210**	**420**	**11**	**17**	**14**	**66**	**22**	< 5	**6.5**	**200 J**	< 5
MW-21	06/12/2012	Shallow Gaspur	Primary	< 5	**150**	**480**	**12**	**21**	**24**	**64**	**21**	< 5	< 5	**320**	< 5
MW-21	06/12/2012	Shallow Gaspur	Split	< 2	**120 D**	**340 D**	**11**	**19**	**26**	**54**	**18**	**2.8**	**6.8**	**120**	NA
MW-21	12/12/2012	Shallow Gaspur	Primary	< 2.5	**290**	**630**	**26**	**30**	**26**	**100**	**29**	**3.3**	< 2.5	**390**	**26**
MW-21	12/12/2012	Shallow Gaspur	Primary	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**600 J**	NA
MW-21	06/18/2013	Shallow Gaspur	Primary	< 0.5	**210**	**490**	**25**	**24**	**18**	**100**	**18**	**1.5**	**6.9**	**140**	**1.8**
MW-21	06/18/2013	Shallow Gaspur	Duplicate	< 0.5	**200**	**460**	**23**	**22**	**17**	**93**	**17**	**1.4**	**6.3**	**140**	**1.8**
MW-21	12/13/2013	Shallow Gaspur	Primary	< 5	**170**	**510**	**26**	**25**	**19**	**91**	**19**	< 2	< 5	**180**	< 3
MW-21	12/13/2013	Shallow Gaspur	Duplicate	< 5	**170**	**570**	**26**	**26**	**15**	**81**	**15**	< 2	< 5	**180**	< 3
MW-21	06/10/2014	Shallow Gaspur	Primary	< 2.5	**160**	**530**	**22**	**23**	**9**	**83**	**16**	**1.6 J**	< 2.5	**200**	< 1.5
MW-21	06/10/2014	Shallow Gaspur	Duplicate	< 2.5	**160**	**540**	**23**	**23**	**9**	**85**	**16**	**1.8 J**	< 2.5	**200**	< 1.5
MW-21	12/18/2014	Shallow Gaspur	Primary	< 2.5	**86**	**600**	**24**	**27**	**11**	**98**	**15**	**2 J**	< 2.5	**230**	< 1.5
MW-21	06/09/2015	Shallow Gaspur	Primary	< 2.5	**59**	**690**	**32**	**39**	**30**	**140**	**35**	**2.4 J**	**8.6**	**300**	**19**
MW-21	12/10/2015	Shallow Gaspur	Primary	< 2.5	**20**	**700**	**24**	**35**	**22**	**110**	**22**	**2.6**	**10**	**450**	< 1.5
MW-21	06/08/2016	Shallow Gaspur	Primary	< 2.5	**7.7**	**670**	**27**	**31**	**30**	**110**	**26**	**3.7**	< 2.5	**330**	< 1.5
MW-21	12/02/2016	Shallow Gaspur	Primary	< 2.5	**16**	**660**	**15**	**26**	**36**	**76**	**18**	**3.4**	**8.6**	**250**	< 1.5
MW-21	06/08/2017	Shallow Gaspur	Primary	< 2.5	**5**	**430**	**7.6**	**18**	**8.8**	**33**	**10**	**2.7**	**7.4**	**160**	< 1.5
MW-22	01/01/2004	Shallow Gaspur	Primary	< 0.5	**7.2**	**2.9**	< 0.5	**0.21 J**	< 0.5	< 0.5	< 0.5	**1.8**	< 0.5	NA	NA
MW-22	11/01/2004	Shallow Gaspur	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
MW-22	08/01/2006	Shallow Gaspur	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
MW-22	03/01/2008	Shallow Gaspur	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
MW-22	05/18/2009	Shallow Gaspur	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
MW-22	12/06/2011	Shallow Gaspur	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
MW-22	06/13/2012	Shallow Gaspur	Primary	< 0.5	**2.2**	**6.9**	< 0.5	< 0.5	< 0.5	**3.7**	< 0.5	**0.96**	< 0.5	**4**	< 0.5
MW-22	12/11/2012	Shallow Gaspur	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
MW-22	06/19/2013	Shallow Gaspur	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
MW-22	12/11/2013	Shallow Gaspur	Primary	< 0.5	**3.6**	**12**	< 0.3	**3.2**	< 0.5	**5.1**	< 0.3	**1.3**	< 0.5	**5.6**	< 0.3
MW-22	06/10/2014	Shallow Gaspur	Primary	< 0.5	**5.8**	**16**	< 0.3	**5.8**	< 0.5	**3.3**	**1.2**	**2.3**	< 0.5	**4.8**	< 0.3
MW-22	12/15/2014	Shallow Gaspur	Primary	< 0.5	**2.6**	**12**	< 0.3	**1.9**	< 0.5	**7.8**	**0.57**	**0.7**	< 0.5	**10**	< 0.3

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

Well ID	Sample Date	Aquifer	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	12/15/2014	Shallow Gaspur	Duplicate	< 0.5	**2.6**	**13**	< 0.3	**2**	< 0.5	**8.7**	**0.78**	**0.81**	< 0.5	**10**	< 0.3
MW-22	06/11/2015	Shallow Gaspur	Primary	< 0.5	**2**	**13**	< 0.3	**0.77**	< 0.5	**13**	**0.93 J**	< 0.2	< 0.5	**14**	< 0.3
MW-22	12/09/2015	Shallow Gaspur	Primary	< 0.5	**3.4**	**20**	**0.42 J**	< 0.4	< 0.5	**17**	**0.65**	< 0.2	< 0.5	**19**	< 0.3
MW-22	06/08/2016	Shallow Gaspur	Primary	< 0.5	**2.8**	**14**	**0.61**	**0.54**	< 0.5	**9.2**	**0.63**	< 0.2	< 0.5	**12**	< 0.3
MW-22	12/01/2016	Shallow Gaspur	Primary	< 0.5	**2.2**	**13**	**0.53**	**0.7**	< 0.5	**5**	**0.58**	**1.1**	< 0.5	**11**	< 0.3
MW-22	06/07/2017	Shallow Gaspur	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
MW-23	01/01/2004	Shallow Gaspur	Primary	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	NA	NA
MW-23	11/01/2004	Shallow Gaspur	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
MW-23	08/01/2006	Shallow Gaspur	Primary	< 0.5	< 0.5	**0.95**	< 0.5	< 0.5	< 0.5	**0.6**	< 0.5	< 0.5	< 0.5	< 0.9	NA
MW-23	03/01/2008	Shallow Gaspur	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
MW-23	05/19/2009	Shallow Gaspur	Primary	< 0.5	< 0.5	**1**	< 0.5	< 0.5	< 0.5	**0.93 J**	**0.6 J**	< 0.5	< 0.5	< 2	NA
MW-23	07/14/2010	Shallow Gaspur	Primary	< 0.5	< 0.5	**1**	< 0.5	< 0.5	< 0.5	**0.99**	< 0.5	< 0.5	< 0.5	< 0.8	< 0.5
MW-23	06/14/2011	Shallow Gaspur	Primary	< 0.5	< 0.5	**1.2**	< 0.5	< 0.5	< 0.5	**1.1**	< 0.5	< 0.5	< 0.5	**12**	< 0.5
MW-23	12/06/2011	Shallow Gaspur	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
MW-23	06/08/2012	Shallow Gaspur	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
MW-23	12/11/2012	Shallow Gaspur	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
MW-23	06/18/2013	Shallow Gaspur	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
MW-23	12/12/2013	Shallow Gaspur	Primary	< 0.5	**2.3**	**2.3**	**1.3**	< 0.4	< 0.5	**1.3**	< 0.3	< 0.2	< 0.5	**5**	< 0.3
MW-23	12/18/2014	Shallow Gaspur	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
MW-23	12/08/2015	Shallow Gaspur	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
MW-23	06/09/2016	Shallow Gaspur	Primary	< 0.5	**9.3**	**5.1**	**2.9**	< 0.4	< 0.5	**1.6**	**0.8**	< 0.2	< 0.5	**5**	< 0.3
MW-23	12/01/2016	Shallow Gaspur	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
MW-23	06/06/2017	Shallow Gaspur	Primary	< 0.5	**18**	**4.7**	**2.8**	< 0.4	**0.58**	**1.3**	< 0.3	< 0.2	< 0.5	**11**	< 0.3
MW-23A	07/27/2011	Shallow Gaspur	Primary	< 0.5	**35**	**5.9**	**1.3**	< 0.5	< 0.5	**0.57**	**10**	< 0.5	< 0.5	**2.9**	< 0.5
MW-23A	09/27/2011	Shallow Gaspur	Primary	< 0.5	**19**	**4.7**	**0.93**	< 0.5	< 0.5	< 0.5	**4.6**	< 0.5	< 0.5	< 3.4	< 0.5
MW-23A	12/06/2011	Shallow Gaspur	Primary	< 0.5	**17**	**4.1**	**1.1**	< 0.5	< 0.5	< 0.5	**3.6**	< 0.5	< 0.5	**3 J**	< 0.5
MW-23A	03/26/2012	Shallow Gaspur	Primary	< 0.5	**14**	**4.7**	**0.92**	< 0.5	< 0.5	< 0.5	**3.2**	< 0.5	< 0.5	**3 J**	< 0.5
MW-23A	06/08/2012	Shallow Gaspur	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
MW-23A	12/12/2012	Shallow Gaspur	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
MW-23A	06/18/2013	Shallow Gaspur	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
MW-23A	12/11/2013	Shallow Gaspur	Primary	< 0.5	**8.5**	**12**	**1.2**	< 0.4	< 0.5	**0.86**	**2.4**	< 0.2	< 0.5	**3**	< 0.3
MW-23A	06/10/2014	Shallow Gaspur	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
MW-23A	12/16/2014	Shallow Gaspur	Primary	< 0.5	**4.9**	**10**	< 0.3	< 0.4	< 0.5	< 0.2	**1.4**	< 0.2	< 0.5	**2.4**	< 0.3
MW-23A	06/11/2015	Shallow Gaspur	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
MW-23A	12/08/2015	Shallow Gaspur	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
MW-23A	06/09/2016	Shallow Gaspur	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
MW-23A	12/01/2016	Shallow Gaspur	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
MW-23A	06/06/2017	Shallow Gaspur	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
MW-23A	06/06/2017	Shallow Gaspur	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
MW-23B	05/19/2009	Lower Gaspur	Primary	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	**0.39 J**	< 0.5	< 0.5	< 2	NA
MW-23B	07/14/2010	Lower Gaspur	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
MW-23B	06/14/2011	Lower Gaspur	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
MW-23B	12/05/2011	Lower Gaspur	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
MW-23B	06/12/2012	Lower Gaspur	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
MW-23B	12/11/2012	Lower Gaspur	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
MW-23B	12/11/2012	Lower Gaspur	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
MW-23B	12/11/2013	Lower Gaspur	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-23B	12/16/2014	Lower Gaspur	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

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

Well ID	Sample Date	Aquifer	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	12/08/2015	Lower Gaspur	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
MW-23B	12/01/2016	Lower Gaspur	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
MW-24	01/01/2004	Shallow Gaspur	Primary	< 0.5	**3.1**	**1.6**	< 0.5	< 0.5	< 0.5	< 0.5	**1.6**	< 0.5	< 0.5	NA	NA
MW-24	11/01/2004	Shallow Gaspur	Primary	< 0.5	**3.1**	**2.3**	< 0.5	< 0.5	< 0.5	< 0.5	**2.3**	< 0.5	< 0.5	< 1	NA
MW-24	08/01/2006	Shallow Gaspur	Primary	< 0.5	**2.1**	**1.3**	< 0.5	< 0.5	< 0.5	< 0.5	**2.8**	< 0.5	< 0.5	< 1	NA
MW-24	03/01/2008	Shallow Gaspur	Primary	< 0.5	**11**	**6.5**	**0.21 J**	**1.6**	**0.26 J**	< 0.5	**2.7**	< 0.5	< 0.5	< 2	NA
MW-24	05/17/2009	Shallow Gaspur	Primary	< 0.5	**19**	**12**	< 0.5	**3.3**	< 0.5	< 0.5 J	**2.8 J**	**1.2**	< 0.5	< 2	NA
MW-24	06/15/2011	Shallow Gaspur	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
MW-24	12/06/2011	Shallow Gaspur	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
MW-24	06/08/2012	Shallow Gaspur	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
MW-24	12/11/2012	Shallow Gaspur	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
MW-24	06/18/2013	Shallow Gaspur	Primary	< 0.5	**1.5**	**1**	< 0.3	< 0.4	< 0.5	< 0.2	< 0.3	**0.35 J**	< 0.5	< 1	< 0.3
MW-24	12/12/2013	Shallow Gaspur	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
MW-24	12/12/2013	Shallow Gaspur	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
MW-24	12/18/2014	Shallow Gaspur	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
MW-24	12/08/2015	Shallow Gaspur	Primary	< 0.5	**2.6**	**5.5**	< 0.3	**0.72**	< 0.5	< 0.2	**0.84**	**0.58**	< 0.5	< 1	< 0.3
MW-24	06/07/2016	Shallow Gaspur	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
MW-24	11/28/2016	Shallow Gaspur	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
MW-24	11/28/2016	Shallow Gaspur	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
MW-24	06/06/2017	Shallow Gaspur	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
MW-25	01/01/2004	Intermediate Gaspur	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
MW-25	07/01/2004	Intermediate Gaspur	Primary	< 0.5	**62 D**	**64 D**	**1.2**	**3.3**	**0.7**	**2.2**	**3**	**0.36 J**	**0.83**	**9.6**	NA
MW-25	08/01/2006	Intermediate Gaspur	Primary	< 0.5	**20**	**44 D**	**0.79**	**2.3**	< 0.5	**1.1**	**2.5**	**0.32 J**	< 0.5	**4.3**	NA
MW-25	03/01/2008	Intermediate Gaspur	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
MW-25	05/17/2009	Intermediate Gaspur	Primary	< 0.5	**9.2**	**22 D**	< 0.5	**2**	< 0.5	**0.37 J**	< 0.5	**0.83**	< 0.5	< 2	NA
MW-25	06/15/2011	Intermediate Gaspur	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
MW-25	12/06/2011	Intermediate Gaspur	Primary	< 0.5	**3.6**	**21**	< 0.5	**4**	< 0.5	< 0.5	**2**	**1.1**	< 0.5	**1.4**	< 0.5
MW-25	06/12/2012	Intermediate Gaspur	Primary	< 0.5	**3.4**	**21**	< 0.5	**3.9**	< 0.5	< 0.5	**2.1**	**1.4**	< 0.5	**1.4**	< 0.5
MW-25	12/10/2012	Intermediate Gaspur	Primary	< 0.5	**2.8**	**27**	< 0.5	**4.8**	< 0.5	< 0.5	**1.9**	**1.6**	< 0.5	**1.8**	< 0.5
MW-25	12/10/2012	Intermediate Gaspur	Duplicate	< 0.5	**2.8**	**26**	< 0.5	**4.8**	< 0.5	< 0.5	**1.8**	**1.5**	< 0.5	**2.5**	< 0.5
MW-25	06/19/2013	Intermediate Gaspur	Primary	< 0.5	**2**	**19**	< 0.3	**4.2**	< 0.5	< 0.2	**1.4**	**0.96**	< 0.5	**1.7 J**	< 0.3
MW-25	12/09/2013	Intermediate Gaspur	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
MW-25	06/10/2014	Intermediate Gaspur	Primary	< 0.5	**1.8**	**21**	< 0.3	**4.7**	< 0.5	< 0.2	**1.2**	**0.94**	< 0.5	**2**	< 0.3
MW-25	12/19/2014	Intermediate Gaspur	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
MW-25	06/08/2015	Intermediate Gaspur	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
MW-25	12/10/2015	Intermediate Gaspur	Primary	< 0.5	**3**	**23**	< 0.3	**7.7**	< 0.5	< 0.2	**1.7**	**0.4 J**	< 0.5	< 1	< 0.3
MW-25	06/08/2016	Intermediate Gaspur	Primary	< 0.5	**3.4**	**27**	**0.39 J**	**7.8**	< 0.5	< 0.2	**2.2**	**1.6**	< 0.5	< 1	< 0.3
MW-25	11/28/2016	Intermediate Gaspur	Primary	< 0.5	**2.2**	**26**	< 0.3	**8.1**	< 0.5	< 0.2	**1.8**	**0.48 J**	< 0.5	< 1	< 0.3
MW-25	06/07/2017	Intermediate Gaspur	Primary	< 0.5	**1.4**	**21**	< 0.3	**7.8**	< 0.5	**0.61**	**1.5**	< 0.2	< 0.5	**2.1**	< 0.3
MW-25B	03/01/2008	Lower Gaspur	Primary	< 0.5	**36 D**	**72 D**	**1.3**	**4.5**	**0.91**	**2.7**	**3.1**	**0.31 J**	< 0.5	**11**	NA
MW-25B	05/17/2009	Lower Gaspur	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
MW-25B	06/15/2011	Lower Gaspur	Primary	< 0.5	**3.7**	**32**	< 0.5	**2.7**	< 0.5	< 0.5	**2.3**	**1.4**	< 0.5	**2 J**	< 0.5
MW-25B	12/07/2011	Lower Gaspur	Primary	< 0.5	**3.6**	**35**	< 0.5	**3.4**	< 0.5	< 0.5	**2.4**	**1.8**	< 0.5	**2.9**	< 0.5
MW-25B	06/12/2012	Lower Gaspur	Primary	< 0.5	**2.9**	**33**	< 0.5	**3.2**	< 0.5	< 0.5	**2.9**	**2.8**	< 0.5	**2.3**	< 0.5
MW-25B	06/12/2012	Lower Gaspur	Split	< 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
MW-25B	12/10/2012	Lower Gaspur	Primary	< 0.5	**1.3**	**48**	< 0.5	**4.7**	< 0.5	< 0.5	**2.4**	**3.2**	< 0.5	**3.2**	< 0.5
MW-25B	06/19/2013	Lower Gaspur	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
MW-25B	12/09/2013	Lower Gaspur	Primary	< 0.5	**0.55**	**40**	< 0.3	**5**	< 0.5	< 0.2	**2.3**	**2.8**	< 0.5	**2.8**	< 0.3

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

Well ID	Sample Date	Aquifer	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-25B	06/10/2014	Lower Gaspur	Primary	< 0.5	**0.6**	**38**	< 0.3	**5**	< 0.5	< 0.2	**1.8**	**2.9**	< 0.5	**2.6**	< 0.3
MW-25B	12/19/2014	Lower Gaspur	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
MW-25B	06/08/2015	Lower Gaspur	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
MW-25B	12/11/2015	Lower Gaspur	Primary	< 0.5	**0.84**	**37**	< 0.3	**9.3**	**0.77**	**0.32 J**	**2**	**3.4**	< 0.5	< 1	< 0.3
MW-25B	12/11/2015	Lower Gaspur	Duplicate	< 0.5	**0.83**	**37**	< 0.3	**9.4**	**0.75**	**0.29 J**	**1.9**	**3.4**	< 0.5	< 1	< 0.3
MW-25B	06/08/2016	Lower Gaspur	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
MW-25B	11/28/2016	Lower Gaspur	Primary	< 0.5	**0.91**	**24**	< 0.3	**5.2**	**2.4**	< 0.2	**1.5**	**2.4**	< 0.5	**2 J**	< 0.3
MW-25B	06/07/2017	Lower Gaspur	Primary	< 0.5	**0.79**	**16**	< 0.3	**3.4**	**1.1**	< 0.2	**1**	**0.86**	< 0.5	< 1 J	< 0.3
MW-26	01/01/2004	Exposition	Primary	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	NA	NA
MW-26	11/01/2004	Exposition	Primary	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 1	NA
MW-26	08/01/2006	Exposition	Primary	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.9	NA
MW-26	03/01/2008	Exposition	Primary	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2	NA
MW-26	05/17/2009	Exposition	Primary	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2	NA
MW-26	03/28/2012	Exposition	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
MW-26	06/19/2013	Exposition	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
MW-26	06/19/2013	Exposition	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
MW-26	06/10/2014	Exposition	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-26	08/08/2016	Exposition	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
MW-26	11/28/2016	Exposition	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-26	06/09/2017	Exposition	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-27	01/01/2004	Intermediate Gaspur	Primary	< 0.5	**4.9**	**2.4**	< 0.5	**0.17 J**	< 0.5	< 0.5	**1.8**	< 0.5	< 0.5	NA	NA
MW-27	07/01/2004	Intermediate Gaspur	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
MW-27	08/01/2006	Intermediate Gaspur	Primary	< 0.5	**1.4**	**0.87**	< 0.5	< 0.5	< 0.5	< 0.5	**0.72**	< 0.5	< 0.5	< 1	NA
MW-27	03/01/2008	Intermediate Gaspur	Primary	< 0.5	**1.6**	**1.1**	< 0.5	< 0.5	< 0.5	< 0.5	**1.2**	< 0.5	< 0.5	< 2	NA
MW-27	05/19/2009	Intermediate Gaspur	Primary	< 0.5	**12**	**8.6**	< 0.5	**1.9**	< 0.5	< 0.5	**3**	< 0.5	< 0.5	< 2	NA
MW-27	06/15/2011	Intermediate Gaspur	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
MW-27	06/15/2011	Intermediate Gaspur	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
MW-27	12/06/2011	Intermediate Gaspur	Primary	< 0.5	**2.9**	**18**	< 0.5	**2**	< 0.5	< 0.5	**1.6**	**3.2**	< 0.5	< 0.94	< 0.5
MW-27	06/08/2012	Intermediate Gaspur	Primary	< 0.5	**1.9**	**11**	< 0.5	**1.1**	< 0.5	< 0.5	**1.1**	**1.8**	< 0.5	< 0.94	< 0.5
MW-27	12/11/2012	Intermediate Gaspur	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
MW-27	06/18/2013	Intermediate Gaspur	Primary	< 0.5	**1.3**	**10**	< 0.3	**1.1**	< 0.5	< 0.2	**0.84**	**1.2**	< 0.5	< 1	< 0.3
MW-27	12/10/2013	Intermediate Gaspur	Primary	< 0.5	**1**	**6.1**	< 0.3	**0.82**	< 0.5	< 0.2	< 0.3	**0.52**	< 0.5	< 1	< 0.3
MW-27	06/10/2014	Intermediate Gaspur	Primary	< 0.5	**1**	**5.2**	< 0.3	< 0.4	< 0.5	< 0.2	< 0.3	< 0.2	< 0.5	< 1	< 0.3
MW-27	12/17/2014	Intermediate Gaspur	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
MW-27	06/08/2015	Intermediate Gaspur	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
MW-27	12/10/2015	Intermediate Gaspur	Primary	< 0.5	**1.5**	**2.4**	< 0.3	< 0.4	< 0.5	< 0.2	**0.65**	< 0.2	< 0.5	< 1	< 0.3
MW-27	06/09/2016	Intermediate Gaspur	Primary	< 0.5	**1.4**	**2.1**	< 0.3	**0.53**	< 0.5	< 0.2	**0.77**	< 0.2	< 0.5	< 1	< 0.3
MW-27	06/09/2016	Intermediate Gaspur	Duplicate	< 0.5	**1.3**	**1.9**	< 0.3	< 0.4	< 0.5	< 0.2	**0.52**	< 0.2	< 0.5	< 1	< 0.3
MW-27	11/29/2016	Intermediate Gaspur	Primary	< 0.5	**1.3**	**2.1**	< 0.3	**0.53**	< 0.5	< 0.2	**0.66**	< 0.2	< 0.5	< 1	< 0.3
MW-27	06/09/2017	Intermediate Gaspur	Primary	< 0.5	< 0.2	**0.53**	< 0.3	< 0.4	< 0.5	< 0.2	< 0.3	< 0.2	< 0.5	< 1	< 0.3
MW-28	01/01/2004	Lower Gaspur	Primary	< 0.5	**11**	**10**	< 0.5	**0.48 J**	< 0.5	< 0.5	**1.8 J**	< 0.5	< 0.5	NA	NA
MW-28	11/01/2004	Lower Gaspur	Primary	< 0.5	**18**	**21**	< 0.5	**1.1**	**0.73**	< 0.5	**2.4**	< 0.5	< 0.5	< 1	NA
MW-28	08/01/2006	Lower Gaspur	Primary	< 0.5	**13**	**15**	**0.44 J**	**0.77**	< 0.5	**0.74**	**1.4**	< 0.5	< 0.5	**5**	NA
MW-28	03/01/2008	Lower Gaspur	Primary	< 0.5	**20**	**29 D**	**0.73**	**1.7**	**0.63**	**0.73**	**1.8**	< 0.5	< 0.5	**15**	NA
MW-28	05/19/2009	Lower Gaspur	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
MW-28	06/15/2011	Lower Gaspur	Primary	< 0.5	**23**	**36**	**0.72**	**2.1**	**0.56**	**2.2**	**2.9**	< 0.5	< 0.5	**13**	**0.58**
MW-28	12/07/2011	Lower Gaspur	Primary	< 0.5	**18**	**37**	**0.7**	**2.4**	**0.65**	**2.2**	**2.6**	< 0.5	< 0.5	**14**	**0.55**
MW-28	06/12/2012	Lower Gaspur	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

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

Well ID	Sample Date	Aquifer	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	06/12/2012	Lower Gaspur	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
MW-28	12/12/2012	Lower Gaspur	Primary	< 0.5	**12**	**39**	**0.69**	**2.3**	**0.76**	**1.8**	**2.6**	**0.54**	< 0.5	**8.2**	**0.51**
MW-28	06/18/2013	Lower Gaspur	Primary	< 0.5	**0.96**	**59**	**1.1**	**3.8**	**0.81**	**2.4**	**2.6**	**0.27 J**	< 0.5	**13**	< 0.3
MW-28	12/10/2013	Lower Gaspur	Primary	< 0.5	**2.1**	**73**	**1.2**	**3.7**	**0.99**	**2.6**	**2.2**	**0.22 J**	< 0.5	**13**	< 0.3
MW-28	06/10/2014	Lower Gaspur	Primary	< 0.5	**1.9**	**63**	**0.98**	**3.2**	**0.75**	**1.7**	**1.9**	< 0.2	< 0.5	**14**	< 0.3
MW-28	12/19/2014	Lower Gaspur	Primary	< 0.5	**0.82**	**19**	< 0.3	**1**	< 0.5	**0.61**	**0.55**	< 0.2	< 0.5	**5**	< 0.3
MW-28	06/08/2015	Lower Gaspur	Primary	< 0.5	**3.7**	**50**	**0.67**	**3.1**	**1.6**	**1.8**	**2.7**	< 0.2	< 0.5	**10**	**0.56**
MW-28	06/08/2015	Lower Gaspur	Duplicate	< 0.5	**4**	**51**	**0.73**	**4**	**1.8**	**1.9**	**2.9**	< 0.2	< 0.5	**11**	**0.54**
MW-28	12/10/2015	Lower Gaspur	Primary	< 0.5	**3.5**	**50**	**0.72**	**3.4**	**2.4**	**1.6**	**2.2**	**0.41 J**	< 0.5	**9**	< 0.3
MW-28	06/08/2016	Lower Gaspur	Primary	< 0.5	**3.1**	**31**	**0.52**	**3.6**	**3.3**	**0.96**	**3.1**	**1.8**	< 0.5	**6.2**	< 0.3
MW-28	11/30/2016	Lower Gaspur	Primary	< 0.5	**2.2**	**20**	**0.4 J**	**1.8**	**1.9**	**0.51**	**1.5**	**0.82**	< 0.5	**5**	< 0.3
MW-28	06/08/2017	Lower Gaspur	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
MW-29	01/01/2004	Intermediate Gaspur	Primary	< 0.5	**16**	**4.7**	< 0.5	**0.63**	< 0.5	< 0.5	**1.5**	< 0.5	< 0.5	NA	NA
MW-29	11/01/2004	Intermediate Gaspur	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
MW-29	08/01/2006	Intermediate Gaspur	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
MW-29	03/01/2008	Intermediate Gaspur	Primary	**0.25 J**	**74 D**	**61 D**	**2.1**	**4.2**	**1**	**5**	**2.8**	**0.34 J**	< 0.5	**14**	NA
MW-29	05/18/2009	Intermediate Gaspur	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
MW-29	06/16/2011	Intermediate Gaspur	Primary	< 0.5	**5.8**	**73**	**0.89**	**6.3**	**0.52**	**2**	**2.3**	**0.77**	< 0.5	**11**	< 0.5
MW-29	06/16/2011	Intermediate Gaspur	Duplicate	< 0.5	**6.1**	**72**	**0.89**	**6.4**	< 0.5	**2**	**2.3**	**0.79**	< 0.5	**11**	< 0.5
MW-29	12/08/2011	Intermediate Gaspur	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
MW-29	06/08/2012	Intermediate Gaspur	Primary	< 0.5	**3.6**	**49**	< 0.5	**4.1**	< 0.5	**1.1**	**2.3**	**2.1**	< 0.5	**6.5**	< 0.5
MW-29	12/13/2012	Intermediate Gaspur	Primary	< 0.5	**2.5**	**49**	< 0.5	**4**	< 0.5	**0.96**	**2.9**	**2.2**	< 0.5	< 6.5	< 0.5
MW-29	06/18/2013	Intermediate Gaspur	Primary	< 0.5	**1.4**	**40**	**0.59**	**3.4**	**0.76**	**1**	**2**	**1.9**	< 0.5	**5.7**	< 0.3
MW-29	12/10/2013	Intermediate Gaspur	Primary	< 0.5	**1**	**50**	**0.74**	**5.6**	< 0.5	**0.81**	**2.2**	**3.5**	< 0.5	**6.1**	< 0.3
MW-29	06/10/2014	Intermediate Gaspur	Primary	< 0.5	**1**	**49**	**0.72**	**4.1**	**0.69**	**1.1**	**2.1**	**2.6**	< 0.5	**7.5**	< 0.3
MW-29	12/16/2014	Intermediate Gaspur	Primary	< 0.5	**0.8**	**41**	**0.64**	**3.8**	**0.72**	**0.87**	**1.4**	**3.3**	< 0.5	**6.5**	< 0.3
MW-29	06/08/2015	Intermediate Gaspur	Primary	< 0.5	**2.1**	**38**	**0.53**	**4.4**	**0.75**	**0.83**	**2**	**3.3**	< 0.5	**4.2**	< 0.3
MW-29	12/08/2015	Intermediate Gaspur	Primary	< 0.5	**0.81**	**62**	**1**	**5.8**	**1.8**	**1.5**	**2.6**	**1.9**	< 0.5	**5.2**	< 0.3
MW-29	06/08/2016	Intermediate Gaspur	Primary	< 0.5	**0.74**	**43**	**0.78**	**5.8**	**0.82**	**0.76**	**2.3**	**1.9**	< 0.5	**2.1**	< 0.3
MW-29	11/30/2016	Intermediate Gaspur	Primary	< 0.5	**0.53**	**41**	**0.45 J**	**6.6**	< 0.5	**0.5**	**2**	**2.5**	< 0.5	**2.6**	< 0.3
MW-29	06/08/2017	Intermediate Gaspur	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-29A	03/01/2008	Shallow Gaspur	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
MW-29A	05/18/2009	Shallow Gaspur	Primary	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2	NA
MW-29A	06/14/2011	Shallow Gaspur	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
MW-29A	12/06/2011	Shallow Gaspur	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
MW-29A	12/06/2011	Shallow Gaspur	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
MW-29A	06/07/2012	Shallow Gaspur	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
MW-29A	12/11/2012	Shallow Gaspur	Primary	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2	< 0.5
MW-29A	06/18/2013	Shallow Gaspur	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-29A	12/10/2013	Shallow Gaspur	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-29A	12/10/2013	Shallow Gaspur	Duplicate	< 0.5	< 0.2	< 0.2	< 0.3	< 0.4	< 0.5	< 0.2	< 0.3	< 0.2	< 0.5	< 1	< 0.3
MW-29A	12/16/2014	Shallow Gaspur	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-29A	12/08/2015	Shallow Gaspur	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-29A	11/30/2016	Shallow Gaspur	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-30	01/01/2004	Lower Gaspur	Primary	< 0.5	**110 D**	**5.1**	**0.43 J**	**0.84**	< 0.5	< 0.5	**2.7**	< 0.5	< 0.5	NA	NA
MW-30	07/01/2004	Lower Gaspur	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
MW-30	08/01/2006	Lower Gaspur	Primary	< 0.5	**180 D**	**9.4**	**1.1**	**1.5**	< 0.5	**1.5**	**5.3**	< 0.5	< 0.5	**8.1**	NA
MW-30	03/01/2008	Lower Gaspur	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

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

Well ID	Sample Date	Aquifer	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	05/19/2009	Lower Gaspur	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
MW-30	06/16/2011	Lower Gaspur	Primary	< 0.5	**72**	**52**	**0.93**	**2.2**	< 0.5	**1.4**	**3**	< 0.5	< 0.5	**11**	< 0.5
MW-30	12/08/2011	Lower Gaspur	Primary	< 0.5	**44**	**54**	**0.66**	**1.9**	< 0.5	**1.2**	**2.6**	< 0.5	< 0.5	**11 J**	< 0.5
MW-30	06/12/2012	Lower Gaspur	Primary	< 0.5	**29**	**66**	**0.78**	**2.1**	**5.3**	**1.2**	**2.8**	< 0.5	< 0.5	**10**	< 0.5
MW-30	12/13/2012	Lower Gaspur	Primary	< 0.5	**33**	**70**	**0.88**	**2.6**	**2.3**	**1.3**	**2.9**	< 0.5	< 0.5	< 12	< 0.5
MW-30	12/10/2013	Lower Gaspur	Primary	< 0.5	**13**	**74**	**0.95**	**3.9**	**3.1**	**1.1**	**1.6**	< 0.2	< 0.5	**10**	< 0.3
MW-30	12/16/2014	Lower Gaspur	Primary	< 0.5	**6.7**	**63**	**0.71**	**4.6**	**1.6**	**0.76**	**1.1**	< 0.2	< 0.5	**11**	< 0.3
MW-30	12/08/2015	Lower Gaspur	Primary	< 0.5	**4.8**	**71**	**0.79**	**3.9**	**3**	**1.1**	**1.7**	< 0.2	< 0.5	**10**	< 0.3
MW-30	06/08/2016	Lower Gaspur	Primary	< 0.5	**3.4**	**57**	**0.93**	**5.6**	**0.58**	**0.96**	**1.2**	< 0.2	< 0.5	**9.6**	< 0.3
MW-30	11/30/2016	Lower Gaspur	Primary	< 0.5	**1.8**	**61**	**0.71**	**5.8**	**1.4**	**0.83**	**1.3**	< 0.2	< 0.5	**9.7**	< 0.3
MW-30	06/08/2017	Lower Gaspur	Primary	< 0.5	**2.5**	**68**	**0.75**	**6.1**	**5.3**	**1.1**	**1.4**	< 0.2	< 0.5	**13**	< 0.3
MW-31	01/01/2004	Intermediate Gaspur	Primary	< 0.5	**79 D**	**22 D**	**1.4**	**2**	< 0.5	< 0.5	**8**	**0.42 J**	< 0.5	NA	NA
MW-31	07/01/2004	Intermediate Gaspur	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
MW-31	08/01/2006	Intermediate Gaspur	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
MW-31	03/01/2008	Intermediate Gaspur	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
MW-31	05/17/2009	Intermediate Gaspur	Primary	< 0.5	**10**	**5.4**	**0.4 J**	**0.73**	< 0.5	< 0.5	**0.29 J**	< 0.5	< 0.5	< 2	NA
MW-31	06/14/2011	Intermediate Gaspur	Primary	< 0.5	**24**	**13**	**0.81**	**1.1**	< 0.5	**0.53**	< 0.5	< 0.5	< 0.5	**15**	**2.4**
MW-31	12/07/2011	Intermediate Gaspur	Primary	< 0.5	**41**	**22**	**1.4**	**1.9**	< 0.5	**0.99**	< 0.5	< 0.5	< 0.5	**12 J**	**4**
MW-31	06/07/2012	Intermediate Gaspur	Primary	< 0.5	**35**	**24**	**1.2**	**1.6**	< 0.5 J	**1.2**	< 0.5	< 0.5	< 0.5	**16 J**	**3.1**
MW-31	12/12/2012	Intermediate Gaspur	Primary	< 0.5	**53**	**33**	**1.9**	**2.2**	< 0.5	**1.8**	< 0.5	< 0.5	< 0.5	**45**	**3.9**
MW-31	12/10/2013	Intermediate Gaspur	Primary	< 0.5	**30**	**25**	**1.4**	**1.9**	< 0.5	**1.1**	< 0.3	< 0.2	< 0.5	**21**	**3.5**
MW-31	12/17/2014	Intermediate Gaspur	Primary	< 0.5	**18**	**15**	**1.4**	**1.2**	< 0.5	**0.56**	< 0.3	< 0.2	< 0.5	**19**	< 0.3
MW-31	12/08/2015	Intermediate Gaspur	Primary	< 0.5	**16**	**15**	**1.6**	**1.3**	< 0.5	**0.86**	< 0.3	< 0.2	< 0.5	**14**	**0.94**
MW-31	11/29/2016	Intermediate Gaspur	Primary	< 0.5	**9.5**	**14**	**1.5**	**1.2**	< 0.5	**0.61**	**0.43 J**	< 0.2	< 0.5	**11**	< 0.3
MW-31	06/09/2017	Intermediate Gaspur	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
MW-31A	03/01/2008	Shallow Gaspur	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
MW-31A	05/17/2009	Shallow Gaspur	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
MW-31A	06/14/2011	Shallow Gaspur	Primary	< 0.5	< 0.5	**13**	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	**3 J**	< 0.5
MW-31A	12/06/2011	Shallow Gaspur	Primary	< 0.5	< 0.5	**12**	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	**3.3**	< 0.5
MW-31A	06/07/2012	Shallow Gaspur	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
MW-31A	12/11/2012	Shallow Gaspur	Primary	< 0.5	< 0.5	**14**	< 0.5	**0.59**	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2	< 0.5
MW-31A	12/11/2012	Shallow Gaspur	Duplicate	< 0.5	< 0.5	**14**	< 0.5	**0.59**	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	**1.7**	< 0.5
MW-31A	12/10/2013	Shallow Gaspur	Primary	< 0.5	< 0.2	**17**	< 0.3	**0.77**	< 0.5	< 0.2	< 0.3	< 0.2	< 0.5	< 1	< 0.3
MW-31A	12/17/2014	Shallow Gaspur	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
MW-31A	12/08/2015	Shallow Gaspur	Primary	< 0.5	< 0.2	**14**	< 0.3	**0.57**	< 0.5	< 0.2	< 0.3	< 0.2	< 0.5	< 1	< 0.3
MW-31A	12/08/2015	Shallow Gaspur	Duplicate	< 0.5	**0.28 J**	**13**	< 0.3	**0.55**	< 0.5	< 0.2	< 0.3	< 0.2	< 0.5	< 1	< 0.3
MW-31A	11/29/2016	Shallow Gaspur	Primary	< 0.5	< 0.2	**6.6**	< 0.3	< 0.4	< 0.5	< 0.2	< 0.3	< 0.2	< 0.5	< 1	< 0.3
MW-31A	06/07/2017	Shallow Gaspur	Primary	< 0.5	< 0.2	**4.4**	< 0.3	< 0.4	< 0.5	< 0.2	< 0.3	< 0.2	< 0.5	< 1	< 0.3
MW-31B	03/01/2008	Lower Gaspur	Primary	< 0.5	**250 D**	**13**	**1.7**	**4**	**0.34 J**	**2**	**4.9**	**0.2 J**	< 0.5	**9.7**	NA
MW-31B	05/17/2009	Lower Gaspur	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
MW-31B	06/16/2011	Lower Gaspur	Primary	< 0.5	**63**	**29**	**0.53**	**3.3**	< 0.5	< 0.5	**1.4**	< 0.5	< 0.5	**3.6 J**	< 0.5
MW-31B	12/07/2011	Lower Gaspur	Primary	< 0.5	**41**	**28**	**0.55**	**3**	< 0.5	< 0.5	**0.99**	< 0.5	< 0.5	**2.5**	< 0.5
MW-31B	06/12/2012	Lower Gaspur	Primary	< 0.5	**7.6**	**63**	**0.5**	**1.4**	< 0.5	**0.71**	**3.1**	< 0.5	< 0.5	**2.2**	< 0.5
MW-31B	12/13/2012	Lower Gaspur	Primary	< 0.5	**14**	**52**	**0.54**	**3.8**	< 0.5	< 0.5	**1.5**	< 0.5	< 0.5	< 3.5	< 0.5
MW-31B	12/10/2013	Lower Gaspur	Primary	< 0.5	**5**	**87**	**1**	**9.5**	< 0.5	< 0.2	**2**	< 0.2	< 0.5	**4.8**	< 0.3
MW-31B	12/17/2014	Lower Gaspur	Primary	< 0.5	**2.5**	**71**	**0.72**	**9.5**	< 0.5	**0.56**	**1.8**	< 0.2	< 0.5	**5.8**	< 0.3
MW-31B	12/08/2015	Lower Gaspur	Primary	< 0.5	**3**	**64**	**0.86**	**9.4**	< 0.5	**0.68**	**2.2**	< 0.2	< 0.5	**4.6**	< 0.3
MW-31B	11/29/2016	Lower Gaspur	Primary	< 0.5	**2**	**53**	**1**	**7.1**	< 0.5	**0.79**	**2**	< 0.2	< 0.5	**6.2**	< 0.3

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

Well ID	Sample Date	Aquifer	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-31B	06/07/2017	Lower Gaspur	Primary	< 0.5	**1.6**	**47**	**0.84**	**3.4**	< 0.5	**0.67**	**2.9**	< 0.2	< 0.5	**8.5**	< 0.3
MW-31B	06/07/2017	Lower Gaspur	Duplicate	< 0.5	**1.7**	**49**	**0.97**	**3.4**	< 0.5	**0.62**	**2.9**	< 0.2	< 0.5	**8.3**	< 0.3
MW-32	01/01/2004	Exposition	Primary	< 0.5	**1.3**	**0.17 J**	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	NA	NA
MW-32	01/01/2004	Exposition	Primary	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	NA	NA
MW-32	11/01/2004	Exposition	Primary	< 0.5	**0.46 J**	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 1	NA
MW-32	08/01/2006	Exposition	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
MW-32	03/01/2008	Exposition	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
MW-32	05/15/2009	Exposition	Primary	< 0.5	**0.33 J**	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2	NA
MW-32	12/05/2011	Exposition	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
MW-32	06/07/2012	Exposition	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
MW-32	12/11/2012	Exposition	Primary	< 0.5	**0.9**	**1**	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.95	< 0.5
MW-32	06/11/2014	Exposition	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-32	07/13/2016	Exposition	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
MW-32	07/13/2016	Exposition	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
MW-32	08/08/2016	Exposition	Primary	< 0.5	< 0.2	**1.2**	< 0.3	< 0.4	< 0.5	< 0.2	< 0.3	< 0.2	< 0.5	< 1	< 0.3
MW-32	11/29/2016	Exposition	Primary	< 0.5	< 0.2	**1.3**	< 0.3	< 0.4	< 0.5	< 0.2	< 0.3	< 0.2	< 0.5	< 1	< 0.3
MW-32	06/09/2017	Exposition	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-33A	07/01/2005	Shallow Gaspur	Primary	< 0.5	**2.3**	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	**540**	NA
MW-33A	07/01/2005	Shallow Gaspur	Primary	**5.6**	**940 D**	**190 D**	**29 E**	**12**	**4.6**	**50 D**	**8.1**	**2.5**	**4.9**	**630**	NA
MW-33A	08/01/2005	Shallow Gaspur	Primary	**4.6**	**1200**	**190**	**27**	**15**	**7.2**	**49**	**7.3**	**2.2**	**3.9**	**470**	NA
MW-33A	09/01/2005	Shallow Gaspur	Primary	**4.9**	**1200**	**210**	**33**	**11**	**5.5**	**52**	**6.1**	**2**	**3.3**	**500**	NA
MW-33A	09/01/2005	Shallow Gaspur	Primary	**1.6**	**990**	**100**	**9.9**	**4.3**	**1.6**	**19**	**4.2**	**0.9**	**1.9**	**350**	NA
MW-33A	10/01/2005	Shallow Gaspur	Primary	**2.9**	**450**	**100**	**16**	**6**	**2.4**	**26**	**4.4**	**1.2**	**2.7**	**440**	NA
MW-33A	11/01/2005	Shallow Gaspur	Primary	**4.4**	**680**	**140**	**20**	**7.8**	**3.2**	**42**	**5**	**1**	**3.4**	**300**	NA
MW-33A	01/01/2006	Shallow Gaspur	Primary	**1.6**	**670**	**74**	**10**	**3.7**	**0.9**	**18**	**3.2**	**0.7**	**1.4**	**270**	NA
MW-33A	03/01/2006	Shallow Gaspur	Primary	< 2.5	**280 D**	**33**	**4.2**	< 2.5	< 2.5	**10**	< 2.5	< 2.5	< 2.5	**170**	NA
MW-33A	04/01/2006	Shallow Gaspur	Primary	**0.6**	**160**	**25**	**2.3**	**1.1**	**0.3**	**9.4**	**1.7**	**0.3**	**0.9**	**140**	NA
MW-33A	04/01/2006	Shallow Gaspur	Primary	**1.1**	**260**	**29**	**5**	**1.9**	**0.7**	**12**	**1.9**	**0.3**	**1**	**120**	NA
MW-33A	05/01/2006	Shallow Gaspur	Primary	**0.4**	**120**	**14**	**1.7**	**0.7**	**0.2**	**5.3**	**0.8**	< 0.5	**0.4**	**220**	NA
MW-33A	06/01/2006	Shallow Gaspur	Primary	**1.6**	**180**	**62**	**3.5**	**2.1**	**0.6**	**22**	**2.3**	**0.3**	**2.4**	**99**	NA
MW-33A	08/01/2006	Shallow Gaspur	Primary	< 0.5	**130 D**	**41 D**	**2.9**	**1.6**	< 0.5	**21**	< 0.5	**0.33 J**	**1.5**	**74**	NA
MW-33A	03/01/2008	Shallow Gaspur	Primary	**2.2**	**490 D**	**140 D**	**17**	**6.3**	**2.4**	**28 D**	**3.5**	**1**	**2.4**	**450 D**	NA
MW-33A	05/12/2009	Shallow Gaspur	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
MW-33A	06/16/2011	Shallow Gaspur	Primary	< 1	**140**	**130**	**7.9**	**3.6**	**1.4**	**23**	**2.1**	< 1	**1.7**	**300**	< 1
MW-33A	06/16/2011	Shallow Gaspur	Duplicate	< 1	**140**	**130**	**7.8**	**3.5**	**1.4**	**23**	**2**	< 1	< 1	**280**	< 1
MW-33A	12/09/2011	Shallow Gaspur	Primary	< 1	**130**	**160**	**7.3**	**4.3**	**2.1**	**28**	**3.2**	< 1	**2**	**170 J**	< 1
MW-33A	06/08/2012	Shallow Gaspur	Primary	**0.75**	**130**	**170**	**10**	**4.9**	**2.5**	**34**	**3.2**	**0.54**	< 0.5	**280 J**	**1.2**
MW-33A	12/14/2012	Shallow Gaspur	Primary	< 0.5	**53**	**190**	**9.2**	**4.5**	**3**	**35**	**2.9**	< 0.5	**1.7**	**170 J**	**0.86**
MW-33A	06/19/2013	Shallow Gaspur	Primary	< 0.5	**46**	**270**	**16**	**9.2**	**6.7**	**54**	**4.2**	**0.65**	**2.1**	**180 J**	**0.92**
MW-33A	12/12/2013	Shallow Gaspur	Primary	< 0.5	**78**	**150**	**11**	**4.7**	**3.4**	**33**	**2.4**	**0.46 J**	< 0.5	**160**	< 0.3
MW-33A	06/09/2014	Shallow Gaspur	Primary	< 0.5	**32**	**200**	**11**	**6.7**	**4.9**	**29**	**2.4**	**0.49 J**	< 0.5	**180**	< 0.3
MW-33A	12/16/2014	Shallow Gaspur	Primary	< 0.5	**56**	**140**	**10**	**5.6**	**3.3**	**37**	**2.3**	**0.4 J**	< 0.5	**150**	< 0.3
MW-33A	12/16/2014	Shallow Gaspur	Duplicate	< 0.5	**66**	**130**	**11**	**5.4**	**3.2**	**34**	**2.1**	**0.38 J**	< 0.5	**160**	< 0.3
MW-33A	06/10/2015	Shallow Gaspur	Primary	< 0.5	**63**	**89**	**9.2**	**4.9**	**3.3**	**36**	**3.9**	**0.41 J**	**1.3**	**180**	< 0.3
MW-33A	12/09/2015	Shallow Gaspur	Primary	< 0.5	**97**	**120**	**14**	**7**	**4.6**	**46**	**3.9**	**0.6**	**1.8**	**260**	< 0.3
MW-33A	06/10/2016	Shallow Gaspur	Primary	< 0.5	**96**	**150**	**19**	**7.9**	**3.4**	**49**	**3.8**	< 0.2	< 0.5	**260**	< 0.3
MW-33A	12/01/2016	Shallow Gaspur	Primary	< 0.5	**130**	**190**	**19**	**10**	**4.2**	**59**	**4.3**	**1**	< 0.5	**230**	< 0.3
MW-33A	06/08/2017	Shallow Gaspur	Primary	< 0.5	**110**	**200**	**12**	**7.7**	**2.3**	**45**	**3.2**	**0.85**	**2.5**	**260**	< 0.3

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

Well ID	Sample Date	Aquifer	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	07/01/2005	Intermediate Gaspur	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
MW-33B	07/01/2005	Intermediate Gaspur	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
MW-33B	08/01/2005	Intermediate Gaspur	Primary	< 0.5	**30**	**36**	**2.3**	**3.8**	**0.6**	**2.9**	**0.5**	< 0.5	< 0.5	**2.5**	NA
MW-33B	09/01/2005	Intermediate Gaspur	Primary	< 0.5	**38**	**42**	**2.4**	**3.3**	**0.6**	**2.4**	< 0.5	< 0.5	< 0.5	**2**	NA
MW-33B	09/01/2005	Intermediate Gaspur	Primary	< 0.5	**34**	**32**	**1.5**	**2.7**	< 0.5	**1.7**	< 0.5	< 0.5	< 0.5	< 1	NA
MW-33B	10/01/2005	Intermediate Gaspur	Primary	< 0.5	**35**	**28**	**1**	**2.1**	**0.2 J**	**1.2**	**0.3**	< 0.5	< 0.5	**0.6**	NA
MW-33B	11/01/2005	Intermediate Gaspur	Primary	< 0.5	**34**	**28**	**1.3**	**2.9**	**0.3**	**1.3**	**0.3**	< 0.5	< 0.5	**0.6 J**	NA
MW-33B	01/01/2006	Intermediate Gaspur	Primary	< 0.5	**41**	**28**	**1.5**	**3.1**	**0.3**	**1.4**	**0.4**	< 0.5	< 0.5	**0.7**	NA
MW-33B	03/01/2006	Intermediate Gaspur	Primary	< 0.5	**26 D**	**25 D**	**0.97**	**1.9**	< 0.5	**1.2**	< 0.5	< 0.5	< 0.5	**0.8**	NA
MW-33B	04/01/2006	Intermediate Gaspur	Primary	< 0.5	**30**	**26**	**0.9**	**1.9**	**0.3**	**1.2**	< 0.5	**0.3 J**	< 0.5	**0.8**	NA
MW-33B	05/01/2006	Intermediate Gaspur	Primary	< 0.5	**24**	**24**	**1**	**1.9**	**0.2 J**	**1.1**	< 0.5	< 0.5	< 0.5	**0.8**	NA
MW-33B	06/01/2006	Intermediate Gaspur	Primary	< 0.5	**25**	**28**	**0.9**	**2.1**	**0.2**	**1**	**0.2 J**	< 0.5	< 0.5	**1**	NA
MW-33B	08/01/2006	Intermediate Gaspur	Primary	< 0.5	**21**	**27 D**	**0.95**	**1.7**	< 0.5	**1.4**	< 0.5	< 0.5	< 0.5	**0.7 J**	NA
MW-33B	03/01/2008	Intermediate Gaspur	Primary	< 0.5	**31 D**	**140 D**	**4.9**	**6.5**	**1.3**	**8.4**	**0.68**	**0.25 J**	**0.77**	**16**	NA
MW-33B	05/12/2009	Intermediate Gaspur	Primary	< 2.5	**28**	**160 D**	**7**	**5.4**	**1.8 J**	**12**	< 2.5	< 2.5	< 2.5	< 2	NA
MW-33B	07/14/2010	Intermediate Gaspur	Primary	< 0.5	**19**	**160**	**10**	**7.1**	**1.8**	**14**	**0.88**	< 0.5	**0.79**	**22 J**	< 0.5
MW-33B	06/16/2011	Intermediate Gaspur	Primary	< 0.5	**9.2**	**120**	**7.8**	**5.5**	**2.9**	**8.5**	**0.51**	< 0.5	< 0.5	**40**	< 0.5
MW-33B	12/08/2011	Intermediate Gaspur	Primary	< 0.5	**9.9**	**100**	**6**	**4.5**	**1.6**	**8.1**	**0.59**	< 0.5	**0.66**	**18**	< 0.5
MW-33B	06/08/2012	Intermediate Gaspur	Primary	< 0.5	**8**	**140**	**8.9**	**6.4**	**2**	**9.9**	**0.81**	< 0.5	**1.1**	**16 J**	< 0.5
MW-33B	12/14/2012	Intermediate Gaspur	Primary	< 0.5	**6.1**	**130**	**7.1**	**5.2**	**1.2**	**7.6**	**0.56**	< 0.5	**0.78**	**14 J**	< 0.5
MW-33B	06/20/2013	Intermediate Gaspur	Primary	< 0.5	**5.2**	**120**	**7.4**	**4.1**	**1.5**	**12**	**0.61**	< 0.2	< 0.5	**25**	< 0.3
MW-33B	12/12/2013	Intermediate Gaspur	Primary	< 0.5	**3**	**39**	**3.8**	**2**	**0.68**	**2.4**	< 0.3	< 0.2	< 0.5	**12**	< 0.3
MW-33B	06/09/2014	Intermediate Gaspur	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
MW-33B	12/16/2014	Intermediate Gaspur	Primary	< 0.5	**2.2**	**43**	**2.9**	**2**	< 0.5	**2.6**	**0.37 J**	< 0.2	< 0.5	**5**	< 0.3
MW-33B	06/10/2015	Intermediate Gaspur	Primary	< 0.5	**2.5**	**42**	**2.9**	**2.5**	< 0.5	**2.5**	**0.86**	< 0.2	< 0.5	**4**	< 0.3
MW-33B	12/09/2015	Intermediate Gaspur	Primary	< 0.5	**2.1**	**44**	**2.4**	**2**	< 0.5	**2.6**	**0.87**	< 0.2	< 0.5	**3.1**	< 0.3
MW-33B	06/10/2016	Intermediate Gaspur	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
MW-33B	06/10/2016	Intermediate Gaspur	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
MW-33B	12/01/2016	Intermediate Gaspur	Primary	< 0.5	**2.3**	**35**	**3.3**	**2.1**	< 0.5	**1.2**	**0.6**	< 0.2	< 0.5	**8.3**	< 0.3
MW-33B	06/09/2017	Intermediate Gaspur	Primary	< 0.5	**0.71**	**1.6**	< 0.3	< 0.4	< 0.5	< 0.2	< 0.3	< 0.2	< 0.5	< 1	< 0.3
MW-34	03/01/2008	Shallow Gaspur	Primary	< 0.5	**6.1**	**180 D**	**1.4**	**8.1**	**1.1**	< 0.5	< 0.5	< 0.5	< 0.5	< 2	NA
MW-34	05/16/2009	Shallow Gaspur	Primary	< 0.5	**46 E**	**420 E**	**1.8**	**24 E**	**0.71**	**0.5**	< 0.5	< 0.5	< 0.5	< 2	NA
MW-34	12/09/2011	Shallow Gaspur	Primary	< 2.5	**46**	**540**	< 2.5	**20**	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	**5.6**	< 2.5
MW-34	12/09/2011	Shallow Gaspur	Duplicate	< 5	**41**	**500**	< 5	**18**	< 5	< 5	< 5	< 5	< 5	**5.3**	< 5
MW-34	06/12/2012	Shallow Gaspur	Primary	< 2.5	**56**	**620**	< 2.5	**25**	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	**5.3**	< 2.5
MW-34	06/12/2012	Shallow Gaspur	Split	< 2	**52**	**600 D**	**2.1**	**26**	**1.4 J**	**2.2**	< 2	< 2	< 2	**2.5**	NA
MW-34	06/12/2012	Shallow Gaspur	Duplicate	< 5	**64**	**730**	< 5	**28**	< 5	< 5	< 5	< 5	< 5	**5.2**	< 5
MW-34	12/12/2012	Shallow Gaspur	Primary	< 5	**63**	**610**	< 5	**26**	< 5	< 5	< 5	< 5	< 5	**4.8**	< 5
MW-34	12/12/2012	Shallow Gaspur	Duplicate	< 5	**64**	**630**	< 5	**28**	< 5	< 5	< 5	< 5	< 5	**5.3**	< 5
MW-34	03/26/2014	Shallow Gaspur	Primary	< 2.5	**45**	**470**	< 2.5	**25**	< 2.5	**1.6 J**	< 2.5	< 2.5	< 2.5	**1.3**	< 2.5
MW-34	03/26/2014	Shallow Gaspur	Duplicate	< 2	**38**	**450**	< 2	**20**	< 2	**1.3 J**	< 2	< 2	< 2	**1.5**	< 2
MW-34	07/12/2016	Shallow Gaspur	Primary	< 0.5	**4.5**	**170**	**0.94**	**9.9**	**0.81**	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
MW-34	11/30/2016	Shallow Gaspur	Primary	< 1	**22**	**390**	**1.6**	**17**	< 1	**0.82 J**	< 0.6	< 0.4	< 1	**1.6 J**	< 0.6
MW-34	06/06/2017	Shallow Gaspur	Primary	< 0.5	**14**	**290**	**1.4**	**18**	**1.1**	**0.48 J**	< 0.3	< 0.2	< 0.5	< 1	< 0.3
MW-35	03/01/2008	Lower Gaspur	Primary	< 0.5	**120 D**	**78 D**	**2**	**12**	**0.43 J**	**0.92**	**10**	**0.41 J**	< 0.5	**7.8**	NA
MW-35	05/15/2009	Lower Gaspur	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
MW-35	12/07/2011	Lower Gaspur	Primary	< 0.5	**17**	**45**	**0.67**	**4.2**	< 0.5	< 0.5	**6.5**	< 0.5	< 0.5	**6.3**	< 0.5
MW-35	06/08/2012	Lower Gaspur	Primary	< 0.5	**16**	**37**	**0.64**	**3.3**	< 0.5	< 0.5	**5.6**	< 0.5	< 0.5	**7.8**	< 0.5

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

Well ID	Sample Date	Aquifer	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	12/12/2012	Lower Gaspur	Primary	< 0.5	**4.6**	**26**	< 0.5	**3.5**	**20**	< 0.5	**8.6**	< 0.5	< 0.5	**7.4**	< 0.5
MW-35	03/26/2014	Lower Gaspur	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
MW-35	07/12/2016	Lower Gaspur	Primary	< 0.5	**3.5**	**330**	**4**	**15**	< 0.5	**3**	**6.8**	**0.7**	< 0.5	**19**	< 0.5
MW-35	11/30/2016	Lower Gaspur	Primary	< 2.5	**1.9 J**	**420**	**4.4**	**15**	< 2.5	**3.2**	**5.2**	< 1	< 2.5	**23**	< 1.5
MW-35	06/06/2017	Lower Gaspur	Primary	< 0.5	< 0.2	**0.61**	< 0.3	< 0.4	< 0.5	< 0.2	< 0.3	< 0.2	< 0.5	< 1	< 0.3
MW-36	03/01/2008	Intermediate Gaspur	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
MW-36	05/15/2009	Intermediate Gaspur	Primary	< 0.5	**7**	**6.7**	< 0.5	**1.4**	< 0.5	< 0.5 J	**2.4**	< 0.5	< 0.5	**2.2**	NA
MW-36	06/15/2011	Intermediate Gaspur	Primary	< 0.5	**7.8**	**12**	< 0.5	**2.4**	< 0.5	< 0.5	**3**	**0.61**	< 0.5	< 4	< 0.5
MW-36	06/15/2011	Intermediate Gaspur	Duplicate	< 0.5	**8.1**	**13**	< 0.5	**2.5**	< 0.5	< 0.5	**3.2**	**0.61**	< 0.5	< 4	< 0.5
MW-36	12/08/2011	Intermediate Gaspur	Primary	< 0.5	**9.8**	**13**	< 0.5	**2.7**	< 0.5	< 0.5	**2.9**	< 0.5	< 0.5	< 0.96	< 0.5
MW-36	06/08/2012	Intermediate Gaspur	Primary	< 0.5	**9.9**	**13**	< 0.5	**3.4**	< 0.5	< 0.5	**2.3**	< 0.5	< 0.5	< 0.94	< 0.5
MW-36	12/11/2012	Intermediate Gaspur	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
MW-36	06/20/2013	Intermediate Gaspur	Primary	< 0.5	**8.2**	**11**	< 0.3	**4.4**	< 0.5	< 0.2	**1.8**	< 0.2	< 0.5	< 1	< 0.3
MW-36	12/10/2013	Intermediate Gaspur	Primary	< 0.5	**8.2**	**11**	< 0.3	**3.2**	< 0.5	< 0.2	**1.4**	< 0.2	< 0.5	< 1	< 0.3
MW-36	06/10/2014	Intermediate Gaspur	Primary	< 0.5	**5.9**	**8.8**	< 0.3	**2.7**	< 0.5	< 0.2	**0.97**	< 0.2	< 0.5	< 1	< 0.3
MW-36	12/18/2014	Intermediate Gaspur	Primary	< 0.5	**5.2**	**11**	< 0.3	**2.9**	< 0.5	< 0.2	**1.1**	< 0.2	< 0.5	< 1	< 0.3
MW-36	06/08/2015	Intermediate Gaspur	Primary	< 0.5	**5.6**	**9**	< 0.3	**2.6**	< 0.5	< 0.2	**1.6**	< 0.2	< 0.5	< 1	< 0.3
MW-36	12/10/2015	Intermediate Gaspur	Primary	< 0.5	**3.6**	**9.1**	< 0.3	**2.6**	< 0.5	< 0.2	**0.88**	< 0.2	< 0.5	< 1	< 0.3
MW-36	06/07/2016	Intermediate Gaspur	Primary	< 0.5	**3.7**	**7.3**	< 0.3	**2.1**	< 0.5	< 0.2	**0.85**	< 0.2	< 0.5	< 1	< 0.3
MW-36	11/29/2016	Intermediate Gaspur	Primary	< 0.5	**1.7**	**9**	< 0.3	**2.1**	< 0.5	< 0.2	**0.94**	< 0.2	< 0.5	< 1	< 0.3
MW-36	06/08/2017	Intermediate Gaspur	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
MW-37	03/01/2008	Lower Gaspur	Primary	< 0.5	**66 DJ**	**32 D**	**1.1**	**2.8**	**0.98**	**3**	**2.9**	**0.3 J**	< 0.5	**5.8**	NA
MW-37	05/15/2009	Lower Gaspur	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
MW-37	06/15/2011	Lower Gaspur	Primary	< 0.5	**1.9**	**150**	**1.4**	**7.2**	< 0.5	**1.6**	**5.5**	< 0.5	< 0.5	**13**	< 0.5
MW-37	12/08/2011	Lower Gaspur	Primary	< 0.5	**1.2**	**94**	**0.74**	**4.2**	< 0.5	**1**	**4.9**	< 0.5	< 0.5	**9.5**	< 0.5
MW-37	06/12/2012	Lower Gaspur	Primary	< 0.5	**4.1**	**58**	**0.51**	**3.6**	< 0.5	**0.85**	**7**	**2**	< 0.5	**2.5**	< 0.5
MW-37	12/13/2012	Lower Gaspur	Primary	< 0.5	**5.8**	**53**	**0.52**	**3.9**	**0.5**	**0.63**	**7.4**	**3.1**	< 0.5	< 2	< 0.5
MW-37	06/20/2013	Lower Gaspur	Primary	< 0.5	**1.8**	**110**	**1.3**	**6.2**	< 0.5	**1.1**	**3.6**	**0.56**	< 0.5	**12**	< 0.3
MW-37	12/10/2013	Lower Gaspur	Primary	< 0.5	**2.4**	**100**	**0.9**	**5.7**	**0.51**	**0.81**	**4.9**	**2.1**	< 0.5	**9.1**	< 0.3
MW-37	06/10/2014	Lower Gaspur	Primary	< 0.5	**2.8**	**160**	**1.5**	**8.2**	< 0.5	**1**	**4.4**	**1.4**	< 0.5	**12**	< 0.3
MW-37	12/18/2014	Lower Gaspur	Primary	< 0.5	**2.6**	**84**	**0.85**	**5.9**	**0.73**	**0.7**	**2.6**	**1.5**	< 0.5	**10**	< 0.3
MW-37	12/18/2014	Lower Gaspur	Duplicate	< 0.5	**2.6**	**83**	**0.83**	**5.7**	**0.7**	**0.65**	**2.8**	**1.5**	< 0.5	**10**	< 0.3
MW-37	06/08/2015	Lower Gaspur	Primary	< 0.5	**3**	**81**	**0.81**	**9.5**	**2.3**	**0.77**	**5.3**	**5.7**	< 0.5	**7.8**	< 0.3
MW-37	12/10/2015	Lower Gaspur	Primary	< 0.5	**4.4**	**130**	**1.4**	**10**	**0.79**	**1.5**	**3.2**	**1**	< 0.5	**11**	< 0.3
MW-37	12/10/2015	Lower Gaspur	Duplicate	< 0.5	**4.9**	**130**	**1.5**	**11**	**0.68**	**1.4**	**3.4**	**1.2**	< 0.5	**11**	< 0.3
MW-37	06/08/2016	Lower Gaspur	Primary	< 0.5	**4.5**	**140**	**2.4**	**12**	**0.78**	**1.7**	**4.3**	**1.2**	< 0.5	**12**	< 0.3
MW-37	11/29/2016	Lower Gaspur	Primary	< 0.5	**2.5**	**100**	**1.2**	**13**	**1.2**	**0.97**	**4**	**6.4**	< 0.5	**10**	< 0.3
MW-37	06/08/2017	Lower Gaspur	Primary	< 0.5	**3.3**	**140**	**1.6**	**10**	< 0.5	**1.6**	**2.3**	**0.99**	< 0.5	**15**	< 0.3
MW-38	03/01/2008	Shallow Gaspur	Primary	< 0.5	**1.1**	**1.2**	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2	NA
MW-38	05/16/2009	Shallow Gaspur	Primary	< 0.5	**0.94**	**1.5**	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2	NA
MW-38	06/14/2011	Shallow Gaspur	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
MW-38	12/06/2011	Shallow Gaspur	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
MW-38	06/08/2012	Shallow Gaspur	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
MW-38	12/13/2012	Shallow Gaspur	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
MW-38	12/10/2013	Shallow Gaspur	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-38	12/16/2014	Shallow Gaspur	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
MW-38	12/08/2015	Shallow Gaspur	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-38	08/08/2016	Shallow Gaspur	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

TABLE V
ANALYTICAL RESULTS FOR CHEMICALS OF CONCERN IN GROUNDWATER SAMPLES
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Well ID	Sample Date	Aquifer	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	11/28/2016	Shallow Gaspur	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-38	06/09/2017	Shallow Gaspur	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	03/01/2008	Intermediate Gaspur	Primary	< 0.5	**16**	**6.6**	**0.23 J**	**1.1**	< 0.5	< 0.5	**1.3**	< 0.5	< 0.5	**2.6**	NA
MW-39	05/16/2009	Intermediate Gaspur	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
MW-39	06/15/2011	Intermediate Gaspur	Primary	< 0.5	**57**	**28**	**1.5**	**2.4**	< 0.5	**1.3**	**0.79**	< 0.5	< 0.5	**36**	**4.3**
MW-39	12/08/2011	Intermediate Gaspur	Primary	< 0.5	**25**	**68**	**1.5**	**2.7**	< 0.5	**2.3**	**0.86**	< 0.5	< 0.5	**76**	**6.2**
MW-39	06/12/2012	Intermediate Gaspur	Primary	< 0.5	**9.6**	**47**	**1.1**	**1.2**	< 0.5	**2.5**	< 0.5	< 0.5	< 0.5	**47**	**1.5**
MW-39	06/12/2012	Intermediate Gaspur	Split	< 0.5	**8**	**40 D**	**1**	**1.4**	**0.29 J**	**2**	< 0.5	< 0.5	**0.15 J**	**23**	NA
MW-39	12/11/2012	Intermediate Gaspur	Primary	< 0.5	**3.8**	**29**	**0.66**	**0.89**	< 0.5	**1.3**	< 0.5	< 0.5	< 0.5	**19**	**0.61**
MW-39	12/10/2013	Intermediate Gaspur	Primary	< 0.5	**14**	**68**	**2.4**	**3.7**	< 0.5	**6.5**	< 0.3	< 0.2	< 0.5	**47**	< 0.3
MW-39	12/16/2014	Intermediate Gaspur	Primary	< 0.5	**7.4**	**54**	**1.9**	**2.8**	< 0.5	**4.7**	**0.42 J**	< 0.2	< 0.5	**35**	< 0.3
MW-39	12/07/2015	Intermediate Gaspur	Primary	< 0.5	**10**	**76**	**3.1**	**3.7**	**0.77**	**6.4**	**0.74**	< 0.2	< 0.5	**47**	< 0.3
MW-39	08/08/2016	Intermediate Gaspur	Primary	< 0.5	**4.8**	**42**	**1.8**	**2.3**	< 0.5	**1.7**	< 0.3	< 0.2	< 0.5	**23**	**0.75**
MW-39	11/28/2016	Intermediate Gaspur	Primary	< 0.5	**5.4**	**85**	**3.3**	**5.2**	< 0.5	**3**	**0.44 J**	< 0.2	< 0.5	**48**	**1.8**
MW-39	06/09/2017	Intermediate Gaspur	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
MW-39	06/09/2017	Intermediate Gaspur	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
MW-40	03/01/2008	Lower Gaspur	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
MW-40	05/16/2009	Lower Gaspur	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
MW-40	06/15/2011	Lower Gaspur	Primary	< 0.5	**22**	**65**	**0.93**	**4.5**	< 0.5	**1.1**	**2.3**	< 0.5	< 0.5	**9.9**	**0.71**
MW-40	12/07/2011	Lower Gaspur	Primary	< 0.5	**4.6**	**82**	**0.95**	**5.9**	< 0.5	**1.1**	**2.1**	< 0.5	< 0.5	**12**	**1.1**
MW-40	06/08/2012	Lower Gaspur	Primary	< 0.5	**1.2**	**60**	**0.64**	**4**	< 0.5	**0.83**	**1.7**	< 0.5	< 0.5	**10**	**0.51**
MW-40	12/12/2012	Lower Gaspur	Primary	< 0.5	**3.2**	**58**	**1**	**5.7**	< 0.5	**1.4**	**1.6**	< 0.5	< 0.5	**12 J**	**1.4**
MW-40	12/10/2013	Lower Gaspur	Primary	< 0.5	**4**	**57**	**1.3**	**6.7**	< 0.5	**1.8**	**1.5**	< 0.2	< 0.5	**19**	< 0.3
MW-40	12/16/2014	Lower Gaspur	Primary	< 0.5	**2.9**	**41**	**1.5**	**6.5**	< 0.5	**3.1**	**0.9**	< 0.2	< 0.5	**29**	< 0.3
MW-40	12/07/2015	Lower Gaspur	Primary	< 0.5	**3.3**	**49**	**1.7**	**6.9**	**0.6**	**3.1**	**1.2**	< 0.2	< 0.5	**19**	< 0.3
MW-40	08/08/2016	Lower Gaspur	Primary	< 0.5	**2**	**45**	**2.1**	**7**	**0.66**	**2.9**	**0.9**	< 0.2	< 0.5	**23**	< 0.3
MW-40	11/28/2016	Lower Gaspur	Primary	< 0.5	**2.3**	**43**	**1.6**	**7.5**	< 0.5	**2.1**	**0.96**	< 0.2	< 0.5	**20**	< 0.3
MW-40	06/09/2017	Lower Gaspur	Primary	< 0.5	**0.95**	**46**	**1.6**	**6.6**	**0.5**	**2.8**	**0.73**	< 0.2	< 0.5	**26**	< 0.3
MW-41	03/01/2008	Lower Gaspur	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
MW-41	05/14/2009	Lower Gaspur	Primary	< 2	**310 DJ**	**5.5**	< 2	**1.3 J**	< 2	**1.1 J**	< 2	< 2	< 2	< 2	NA
MW-41	06/16/2011	Lower Gaspur	Primary	< 0.5	**8.4**	**28**	< 0.5	**1.2**	< 0.5	**1.8**	**1.8**	< 0.5	< 0.5	**14**	< 0.5
MW-41	12/07/2011	Lower Gaspur	Primary	< 0.5	**8.1**	**53**	**0.99**	**2.6**	**5.6**	**6.8**	**2.8**	< 0.5	< 0.5	**23 J**	< 0.5
MW-41	06/13/2012	Lower Gaspur	Primary	< 0.5	**28**	**72**	< 0.5	**2.2**	< 0.5	**0.58**	**0.69**	< 0.5	< 0.5	**9.2**	< 0.5
MW-41	12/11/2012	Lower Gaspur	Primary	< 0.5	**6.8**	**45**	**0.85**	**2.2**	**5.8**	**6**	**3.1**	< 0.5	< 0.5	**26 J**	< 0.5
MW-41	06/21/2013	Lower Gaspur	Primary	< 0.5	**9.3**	**23**	**0.47 J**	**1.3**	**0.79**	**1.6**	**0.95**	< 0.2	< 0.5	**10**	< 0.3
MW-41	12/12/2013	Lower Gaspur	Primary	< 0.5	**14**	**46**	**0.64**	**2.5**	**0.56**	**1**	< 0.3	< 0.2	< 0.5	**7**	< 0.3
MW-41	06/11/2014	Lower Gaspur	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
MW-41	06/11/2014	Lower Gaspur	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
MW-41	12/15/2014	Lower Gaspur	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
MW-41	06/08/2015	Lower Gaspur	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
MW-41	12/08/2015	Lower Gaspur	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
MW-41	06/07/2016	Lower Gaspur	Primary	< 0.5	**3.4**	**17**	**0.51**	**0.79**	< 0.5	**0.84**	**0.63**	< 0.2	< 0.5	**3.7**	< 0.3
MW-41	12/01/2016	Lower Gaspur	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
MW-41	06/07/2017	Lower Gaspur	Primary	< 0.5	**1.3**	**16**	**0.31 J**	**0.65**	< 0.5	**2.6**	**0.8**	< 0.2	< 0.5	**30**	< 0.3
MW-42	05/14/2009	Shallow Gaspur	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
MW-42	03/26/2014	Shallow Gaspur	Primary	< 10	**390**	**4000**	< 10	**75**	< 10	**25**	< 10	< 10	< 10	**24**	< 10
MW-42	07/12/2016	Shallow Gaspur	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	05/15/2009	Intermediate Gaspur	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

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

Well ID	Sample Date	Aquifer	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-43	03/26/2014	Intermediate Gaspur	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
MW-43	07/12/2016	Intermediate Gaspur	Primary	< 0.5	**5.4**	**42**	**3.4**	**3**	**1**	**1**	**44**	< 0.5	< 0.5	**4**	< 0.5
MW-44	05/15/2009	Lower Gaspur	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
MW-44	12/07/2011	Lower Gaspur	Primary	< 0.5	**16**	**43**	< 0.5	**5.2**	< 0.5	< 0.5	**3.7**	< 0.5	< 0.5	**4.8**	< 0.5
MW-44	03/26/2014	Lower Gaspur	Primary	< 0.5	**2.9**	**21**	< 0.5	**1.5**	< 0.5	**0.2 J**	**4**	< 0.5	< 0.5	**2.8**	< 0.5
MW-44	07/12/2016	Lower Gaspur	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	05/15/2009	Intermediate Gaspur	Primary	< 0.5	**2.1**	**19**	< 0.5	**1.3**	< 0.5	< 0.5	**1**	< 0.5	< 0.5	< 2	NA
MW-45	03/25/2014	Intermediate Gaspur	Primary	< 0.5	**2.2**	**39**	< 0.5	**3.7**	< 0.5	**0.21**	**0.84**	< 0.5	< 0.5	**2.1**	< 0.5
MW-45	07/14/2016	Intermediate Gaspur	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	05/15/2009	Shallow Gaspur	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
MW-46	03/24/2014	Shallow Gaspur	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
MW-46	07/19/2016	Shallow Gaspur	Primary	< 1	**57**	**460**	**2.2**	**37**	< 1	**7.5**	< 1	< 1	< 1	**3.5**	< 1
MW-47	05/15/2009	Intermediate Gaspur	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
MW-47	03/24/2014	Intermediate Gaspur	Primary	< 4	**14**	**700**	< 4	**47**	< 4	**1.3 J**	< 4	< 4	< 4	**1.8**	< 4
MW-47	07/19/2016	Intermediate Gaspur	Primary	< 5	**5.4**	**490**	< 5	**30**	< 5	**6.1**	< 5	< 5	< 5	**6.2**	< 5
MW-48	05/15/2009	Lower Gaspur	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
MW-48	03/24/2014	Lower Gaspur	Primary	< 0.5	**29**	**82**	**2.1**	**5.5**	< 0.5	**1.6**	**6.9**	< 0.5	**0.12**	**8.7**	< 0.5
MW-48	07/19/2016	Lower Gaspur	Primary	< 0.5	**1.3**	**100**	**1.9**	**6.3**	**1.1**	**1.3**	**15**	< 0.5	< 0.5	**13**	< 0.5
MW-49	05/15/2009	Shallow Gaspur	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
MW-49	03/26/2014	Shallow Gaspur	Primary	< 0.5	**2.9**	**41**	< 0.5	**3.4**	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
MW-49	07/15/2016	Shallow Gaspur	Primary	< 0.5	**1.6**	**49**	< 0.5	**6.3**	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
MW-49	07/15/2016	Shallow Gaspur	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	05/15/2009	Intermediate Gaspur	Primary	< 5	**480 D**	**970 D**	< 5	**20**	< 5	< 5	< 5	< 5	< 5	**2.1**	NA
MW-50	06/16/2011	Intermediate Gaspur	Primary	< 5	**7.3**	**540**	< 5	**28**	< 5	< 5	< 5	< 5	< 5	**2.1 J**	< 5
MW-50	12/08/2011	Intermediate Gaspur	Primary	< 2.5	**3.4**	**590**	< 2.5	**34**	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	**1.5**	< 2.5
MW-50	12/12/2012	Intermediate Gaspur	Primary	< 0.5	**2.1**	**500**	**1.4**	**30**	**5.2**	< 0.5	< 0.5	< 0.5	< 0.5	**1.8**	< 0.5
MW-50	12/10/2013	Intermediate Gaspur	Primary	< 0.5	**2.7**	**590**	**1.7**	**33**	**2.2**	< 0.2	< 0.3	< 0.2	< 0.5	< 1	< 0.3
MW-50	12/16/2014	Intermediate Gaspur	Primary	< 2.5	< 1	**390**	< 1.5	**27**	**3.8**	< 1	< 1.5	< 1	< 2.5	**1.5 J**	< 1.5
MW-50	12/10/2015	Intermediate Gaspur	Primary	< 2.5	< 1	**370**	< 1.5	**27**	**3.3**	< 1	**2.1 J**	< 1	< 2.5	**1.4 J**	< 1.5
MW-50	11/29/2016	Intermediate Gaspur	Primary	< 2.5	**1.6 J**	**460**	**2.4 J**	**32**	**5.4**	< 1	< 1.5	< 1	< 2.5	**2.4**	< 1.5
MW-51	05/15/2009	Lower Gaspur	Primary	< 0.5	**5.7**	**27 D**	< 0.5	**1.8**	< 0.5	< 0.5	**1.3**	< 0.5	< 0.5	< 2	NA
MW-51	06/15/2011	Lower Gaspur	Primary	< 0.5	**12**	**25**	< 0.5	**2.6**	< 0.5	< 0.5	**2.1**	< 0.5	< 0.5	**5.1**	< 0.5
MW-51	12/08/2011	Lower Gaspur	Primary	< 0.5	**13**	**30**	< 0.5	**3**	< 0.5	< 0.5	**2.4**	< 0.5	< 0.5	**3.7**	< 0.5
MW-51	12/12/2012	Lower Gaspur	Primary	< 0.5	**7.9**	**73**	**0.77**	**6**	< 0.5	< 0.5	**5.4**	< 0.5	< 0.5	**6.4**	< 0.5
MW-51	12/10/2013	Lower Gaspur	Primary	< 0.5	**13**	**82**	**1**	**7.8**	< 0.5	< 0.2	**5.8**	**0.6**	< 0.5	**10**	< 0.3
MW-51	12/16/2014	Lower Gaspur	Primary	< 0.5	**6.6**	**58**	**1.2**	**5.3**	**0.58**	**0.7**	**9.2**	**0.81**	< 0.5	**16**	< 0.3
MW-51	12/10/2015	Lower Gaspur	Primary	< 0.5	**3.8**	**89**	**1.8**	**7.8**	**2.3**	**1.2**	**14**	**0.81**	< 0.5	**13**	< 0.3
MW-51	11/29/2016	Lower Gaspur	Primary	< 0.5	**2.1**	**130**	**2.7**	**11**	**1.3**	**1.2**	**21**	**1.1**	< 0.5	**19**	< 0.3
MW-52	05/15/2009	Shallow Gaspur	Primary	< 0.5	**8.2**	**6.5**	< 0.5	**0.78**	< 0.5	< 0.5	**2.2**	< 0.5	< 0.5	< 2	NA
MW-52	03/25/2014	Shallow Gaspur	Primary	< 0.5	**6.1**	**18**	< 0.5	**5**	< 0.5	< 0.5	< 0.5	**2.4**	< 0.5	< 0.5	< 0.5
MW-52	03/25/2014	Shallow Gaspur	Duplicate	< 0.5	**5.6**	**16**	< 0.5	**4.2**	< 0.5	< 0.5	< 0.5	**2.1**	< 0.5	< 0.5	< 0.5
MW-52	07/19/2016	Shallow Gaspur	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	05/15/2009	Lower Gaspur	Primary	< 0.5	**19 J**	**19**	**0.48 J**	**1.2**	< 0.5	**1.2**	**1.8**	< 0.5	< 0.5	**2.6**	NA
MW-53	06/15/2011	Lower Gaspur	Primary	< 0.5	**12**	**17**	< 0.5	**2**	**0.7**	**1**	**1.9**	< 0.5	< 0.5	**8.3**	< 0.5
MW-53	12/13/2011	Lower Gaspur	Primary	< 0.5	**17**	**23**	**0.94**	**2.1**	< 0.5	**3.1**	**2**	< 0.5	< 0.5	**18 J**	< 0.5
MW-53	12/13/2012	Lower Gaspur	Primary	< 0.5	**8.5**	**13**	< 0.5	**1.8**	< 0.5	< 0.5	**1.8**	< 0.5	< 0.5	< 9.3	< 0.5
MW-53	12/10/2013	Lower Gaspur	Primary	< 0.5	**11**	**36**	**1.4**	**3.3**	< 0.5	**4.2**	**2.1**	< 0.2	< 0.5	**18**	< 0.3
MW-53	12/15/2014	Lower Gaspur	Primary	< 0.5	**3.5**	**22**	**0.6**	**2**	< 0.5	**1.3**	**1**	< 0.2	< 0.5	**11**	< 0.3

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

Well ID	Sample Date	Aquifer	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-53	12/10/2015	Lower Gaspur	Primary	< 0.5	**4.9**	**49**	**1.3**	**5.4**	**0.87**	**3**	**2.4**	< 0.2	< 0.5	**11**	< 0.3
MW-53	11/29/2016	Lower Gaspur	Primary	< 0.5	**3.7**	**38**	**0.85**	**4.8**	**0.56**	**1.3**	**1.4**	< 0.2	< 0.5	**9.1**	< 0.3
MW-53	11/29/2016	Lower Gaspur	Duplicate	< 0.5	**3.5**	**36**	**0.83**	**4.9**	**0.53**	**1.1**	**1.4**	< 0.2	< 0.5	**9.2**	< 0.3
MW-54	05/15/2009	Lower Gaspur	Primary	< 0.5	**15 D**	**10**	**0.57**	**3.5**	< 0.5	**0.45 J**	**4**	< 0.5	< 0.5	< 2	NA
MW-54	06/15/2011	Lower Gaspur	Primary	< 0.5	**24**	**15**	**0.52**	**4.4**	< 0.5	**1.1**	**2.9**	< 0.5	< 0.5	**10**	< 0.5
MW-54	12/13/2011	Lower Gaspur	Primary	< 0.5	**62**	**19**	**1**	**5.5**	< 0.5	**1.6**	**3.6**	< 0.5	< 0.5	**13**	< 0.5
MW-54	12/13/2012	Lower Gaspur	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
MW-54	12/10/2013	Lower Gaspur	Primary	< 0.5	**3.8**	**58**	**1.5**	**8.2**	< 0.5	**2**	**1.8**	< 0.2	< 0.5	**10**	< 0.3
MW-54	12/15/2014	Lower Gaspur	Primary	< 0.5	**3**	**44**	**1.3**	**6**	< 0.5	**2**	**1.1**	< 0.2	< 0.5	**16**	< 0.3
MW-54	12/10/2015	Lower Gaspur	Primary	< 0.5	**3.2**	**46**	**1.9**	**9.8**	**1.1**	**3.4**	**1.6**	< 0.2	< 0.5	**15**	< 0.3
MW-54	12/01/2016	Lower Gaspur	Primary	< 0.5	**2.3**	**57**	**1.9**	**9**	**1.1**	**2.9**	**1.5**	< 0.2	< 0.5	**18**	< 0.3
MW-55	05/15/2009	Exposition	Primary	< 0.5	**2.5**	**1.2**	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 2	NA
MW-55	06/14/2011	Exposition	Primary	< 0.5	**8.4**	**13**	< 0.5	**1**	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 3.7	< 0.5
MW-55	12/06/2011	Exposition	Primary	< 0.5	**5.8**	**24**	< 0.5	**1.5**	< 0.5	< 0.5	**0.71**	< 0.5	< 0.5	**1.9**	< 0.5
MW-55	06/08/2012	Exposition	Primary	< 0.5	**5.8**	**23**	< 0.5	**1.6**	< 0.5	< 0.5	**0.88**	< 0.5	< 0.5	**1.9**	< 0.5
MW-55	11/26/2012	Exposition	Primary	< 0.5	**1**	**24**	< 0.5	**1.7**	< 0.5	< 0.5	**0.99**	< 0.5	< 0.5	**3.1**	< 0.5
MW-55	11/26/2012	Exposition	Primary	< 0.5	**1.4**	**25**	< 0.5	**1.7**	< 0.5	< 0.5	**1.1**	< 0.5	< 0.5	**2.9**	< 0.5
MW-55	11/26/2012	Exposition	Primary	< 0.5	**1.6**	**27**	< 0.5	**1.9**	< 0.5	< 0.5	**1.1**	< 0.5	< 0.5	**2.7**	< 0.5
MW-55	11/26/2012	Exposition	Primary	< 0.5	**1.5**	**26**	< 0.5	**1.8**	< 0.5	< 0.5	**1.1**	< 0.5	< 0.5	**2.9**	< 0.5
MW-55	12/11/2012	Exposition	Primary	< 0.5	**2**	**21**	< 0.5	**1.1**	< 0.5	< 0.5	**1.1**	< 0.5	< 0.5	**2.4**	< 0.5
MW-55	06/20/2013	Exposition	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
MW-55	06/20/2013	Exposition	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
MW-55	12/09/2013	Exposition	Primary	< 0.5	**1.6**	**52**	**0.58**	**4.4**	< 0.5	< 0.2	**1.5**	< 0.2	< 0.5	**4**	< 0.3
MW-55	12/09/2013	Exposition	Duplicate	< 0.5	**1.6**	**39**	**0.52**	**3.2**	< 0.5	< 0.2	**1.3**	< 0.2	< 0.5	**3.6**	< 0.3
MW-55	06/10/2014	Exposition	Primary	< 0.5	**1.6**	**31**	< 0.3	**2.8**	< 0.5	< 0.2	**1.2**	< 0.2	< 0.5	**4.8**	< 0.3
MW-55	06/10/2014	Exposition	Duplicate	< 0.5	**1.6**	**29**	< 0.3	**2.5**	< 0.5	< 0.2	**1.2**	< 0.2	< 0.5	**4.9**	< 0.3
MW-55	12/18/2014	Exposition	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
MW-55	06/08/2015	Exposition	Primary	< 0.5	**2**	**30**	**0.41 J**	**3.7**	**0.86**	**0.32 J**	**1.8**	< 0.2	< 0.5	**6**	< 0.3
MW-55	06/08/2015	Exposition	Duplicate	< 0.5	**2**	**31**	**0.4 J**	**3.5**	**1.1**	< 0.2	**2**	< 0.2	< 0.5	**5.4**	< 0.3
MW-55	12/10/2015	Exposition	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
MW-55	08/08/2016	Exposition	Primary	< 0.5	**0.98**	**54**	**0.59**	**4.5**	**5.8**	**0.58**	**1.8**	< 0.2	< 0.5	**5.9**	< 0.3
MW-55	11/28/2016	Exposition	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
MW-55	11/28/2016	Exposition	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
MW-55	06/09/2017	Exposition	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
MW-56	05/17/2009	Shallow Gaspur	Primary	< 2.5	**3900 D**	**290 D**	**2.2 J**	**11**	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2	NA
MW-56	03/26/2014	Shallow Gaspur	Primary	< 2	**290**	**450**	< 2	**15**	< 2	< 2	< 2	< 2	< 2	< 0.5	< 2
MW-56	07/18/2016	Shallow Gaspur	Primary	< 1	**74**	**260**	< 1	**15**	< 1	< 1	< 1	< 1	< 1	< 0.5	< 1
MW-57A	09/27/2011	Shallow Gaspur	Primary	< 0.5	**10**	**17**	< 0.5	**0.99**	< 0.5	< 0.5	< 0.5	**9.9**	< 0.5	< 2.5	< 0.5
MW-57A	12/07/2011	Shallow Gaspur	Primary	< 0.5	**8.7**	**18**	< 0.5	**1.1**	< 0.5	< 0.5	< 0.5	**5.4**	< 0.5	**1.7**	< 0.5
MW-57A	03/27/2012	Shallow Gaspur	Primary	< 0.5	**11**	**16**	< 0.5	**0.91**	< 0.5	< 0.5	< 0.5	**7.5**	< 0.5	**1.2 J**	< 0.5
MW-57A	06/13/2012	Shallow Gaspur	Primary	< 0.5	**11**	**17**	< 0.5	**1**	< 0.5	< 0.5	< 0.5	**8.9**	< 0.5	**1.3**	< 0.5
MW-57A	12/13/2012	Shallow Gaspur	Primary	< 0.5	**4.5**	**20**	< 0.5	**1**	< 0.5	< 0.5	< 0.5	**4.4**	< 0.5	< 0.95	< 0.5
MW-57A	06/20/2013	Shallow Gaspur	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
MW-57A	12/12/2013	Shallow Gaspur	Primary	< 0.5	**4.4**	**24**	**0.46 J**	**1.1**	**1.1**	< 0.2	< 0.3	**35**	< 0.5	**4.6**	< 0.3
MW-57A	06/12/2014	Shallow Gaspur	Primary	< 0.5	**0.7**	**16**	< 0.3	**0.58**	**1**	< 0.2	**0.5**	**47**	< 0.5	**17**	< 0.3
MW-57A	12/16/2014	Shallow Gaspur	Primary	< 0.5	**0.65**	**12**	< 0.3	**0.77**	**0.61**	< 0.2	**0.35 J**	**27**	< 0.5	**12**	< 0.3
MW-57A	06/10/2015	Shallow Gaspur	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
MW-57A	12/09/2015	Shallow Gaspur	Primary	< 0.5	< 0.2	**8.6**	< 0.3	**0.53**	**1.2**	**0.34 J**	**2**	**35**	< 0.5	**9.4**	< 0.3

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

Well ID	Sample Date	Aquifer	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	06/09/2016	Shallow Gaspur	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
MW-57A	12/02/2016	Shallow Gaspur	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
MW-57A	06/08/2017	Shallow Gaspur	Primary	< 0.5	**0.8**	**7.4**	< 0.3	**0.63**	< 0.5	< 0.2	< 0.3	**1.5**	< 0.5	< 1	< 0.3
MW-57B	09/27/2011	Intermediate Gaspur	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
MW-57B	12/08/2011	Intermediate Gaspur	Primary	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	**2.4 J**	**2**	< 0.5	**2**	< 0.5
MW-57B	03/26/2012	Intermediate Gaspur	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
MW-57B	06/13/2012	Intermediate Gaspur	Primary	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	**2.2**	**1.7**	< 0.5	**2**	< 0.5
MW-57B	12/13/2012	Intermediate Gaspur	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
MW-57B	06/20/2013	Intermediate Gaspur	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
MW-57B	12/12/2013	Intermediate Gaspur	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
MW-57B	06/12/2014	Intermediate Gaspur	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
MW-57B	12/16/2014	Intermediate Gaspur	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
MW-57B	06/10/2015	Intermediate Gaspur	Primary	< 0.5	< 0.2	< 0.2	< 0.3	< 0.4	< 0.5	< 0.2	**3**	< 0.2	< 0.5	< 1	< 0.3
MW-57B	12/11/2015	Intermediate Gaspur	Primary	< 0.5	< 0.2	< 0.2	< 0.3	< 0.4	< 0.5	< 0.2	**2.4**	< 0.2	< 0.5	< 1	< 0.3
MW-57B	06/09/2016	Intermediate Gaspur	Primary	< 0.5	< 0.2	< 0.2	< 0.3	< 0.4	< 0.5	< 0.2	**3.5**	< 0.2	< 0.5	< 1	< 0.3
MW-57B	12/02/2016	Intermediate Gaspur	Primary	< 0.5	< 0.2	< 0.2	< 0.3	< 0.4	< 0.5	< 0.2	**2.5**	< 0.2	< 0.5	< 1	< 0.3
MW-57B	06/07/2017	Intermediate Gaspur	Primary	< 0.5	< 0.2	< 0.2	< 0.3	< 0.4	< 0.5	< 0.2	**1.7**	< 0.2	< 0.5	< 1	< 0.3
MW-58	09/28/2011	Shallow Gaspur	Primary	< 0.5	**8.2**	**13**	< 0.5	**2.3**	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 3.3	< 0.5
MW-58	12/08/2011	Shallow Gaspur	Primary	< 0.5	**14**	**22**	**0.71**	**3.7**	< 0.5	< 0.5	< 0.5	< 0.5	**0.64**	**2.4**	< 0.5
MW-58	03/27/2012	Shallow Gaspur	Primary	< 0.5	**12**	**23**	**0.66**	**3.9**	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	**2.2 J**	< 0.5
MW-58	03/27/2012	Shallow Gaspur	Duplicate	< 0.5	**13**	**21**	**0.77**	**3.6**	< 0.5	< 0.5	< 0.5	< 0.5	**0.61**	**2.2 J**	< 0.5
MW-58	06/13/2012	Shallow Gaspur	Primary	< 0.5	**15**	**28**	**0.7**	**4.7**	< 0.5	< 0.5	< 0.5	< 0.5	**0.8**	**2.1**	< 0.5
MW-58	12/13/2012	Shallow Gaspur	Primary	< 0.5	**8.6**	**45**	**0.82**	**5.3**	< 0.5	< 0.5	< 0.5	< 0.5	**1.4**	**1.8**	< 0.5
MW-58	06/21/2013	Shallow Gaspur	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
MW-58	06/21/2013	Shallow Gaspur	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
MW-58	12/12/2013	Shallow Gaspur	Primary	< 0.5	**7.2**	**28**	**2.6**	**4**	< 0.5	< 0.2	< 0.3	**0.37 J**	< 0.5	**8.1**	< 0.3
MW-58	06/12/2014	Shallow Gaspur	Primary	< 0.5	**2.7**	**13**	**7.5**	**1.9**	**0.5**	**0.74**	< 0.3	**1**	< 0.5	**21**	< 0.3
MW-58	06/12/2014	Shallow Gaspur	Duplicate	< 0.5	**2.7**	**13**	**7.5**	**1.8**	< 0.5	**0.74**	< 0.3	**1**	< 0.5	**22**	< 0.3
MW-58	12/18/2014	Shallow Gaspur	Primary	< 0.5	**2.1**	**18**	**3**	**2.4**	< 0.5	**0.27 J**	< 0.3	**0.64**	< 0.5	**11**	< 0.3
MW-58	06/10/2015	Shallow Gaspur	Primary	< 0.5	**2.9**	**29**	**1**	**4.1**	< 0.5	< 0.2	< 0.3	< 0.2	**1.4**	**2.3**	< 0.3
MW-58	12/09/2015	Shallow Gaspur	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
MW-58	06/09/2016	Shallow Gaspur	Primary	< 0.5	**0.56**	**23**	**2.1**	**2.7**	< 0.5	< 0.2	< 0.3	**3**	< 0.5	**1.3 J**	< 0.3
MW-58	12/02/2016	Shallow Gaspur	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
MW-58	12/02/2016	Shallow Gaspur	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
MW-58	06/09/2017	Shallow Gaspur	Primary	< 0.5	**0.82**	**22**	**0.65**	**3.8**	< 0.5	< 0.2	< 0.3	**1.7**	< 0.5	< 1	< 0.3
MW-59A	06/13/2011	Shallow Gaspur	Primary	< 5	**190**	**660**	**30**	**29**	**7.7**	**58**	< 5	< 5	< 5	**30**	< 5
MW-59A	09/28/2011	Shallow Gaspur	Primary	< 5	**200**	**740**	**29**	**33**	< 5 J	**61**	< 5	< 5	< 5	**38 J**	< 5
MW-59A	09/28/2011	Shallow Gaspur	Duplicate	< 0.5	**250**	**810**	**34**	**36**	**6 J**	**69**	**1.8**	**0.94**	**2.5**	**20 J**	**2**
MW-59A	12/09/2011	Shallow Gaspur	Primary	< 5	**140**	**620**	**15**	**21**	< 5	**52**	< 5	< 5	< 5	**23 J**	< 5
MW-59A	03/28/2012	Shallow Gaspur	Primary	< 5	**140**	**620**	**18**	**24**	< 5	**48**	< 5	< 5	< 5	**17**	< 5
MW-59A	06/13/2012	Shallow Gaspur	Primary	< 5	**98**	**840**	**22**	**28**	**6.7**	**63**	< 5	< 5	< 5	**37**	< 5
MW-59A	12/14/2012	Shallow Gaspur	Primary	< 2.5	**66**	**450**	**9.9**	**18**	**9.7**	**37**	< 2.5	< 2.5	< 2.5	**21 J**	< 2.5
MW-59A	06/21/2013	Shallow Gaspur	Primary	< 2.5	**75**	**430**	**13**	**19**	**6**	**39**	< 1.5	< 1	< 2.5	**44**	< 1.5
MW-59A	12/13/2013	Shallow Gaspur	Primary	< 0.5	**92**	**220**	**8.8**	**13**	**7.5**	**23**	< 0.3	< 0.2	< 0.5	**41**	< 0.3
MW-59A	06/12/2014	Shallow Gaspur	Primary	< 1	**69**	**320**	**6.5**	**13**	**5.4**	**20**	< 0.6	**0.52 J**	< 1	**41**	< 0.6
MW-59A	12/18/2014	Shallow Gaspur	Primary	< 1	**91**	**400**	**9.5**	**16**	**5.1**	**39**	**1.4**	**0.8 J**	< 1	**62**	**3.4**
MW-59A	06/08/2015	Shallow Gaspur	Primary	< 2.5	**22**	**450**	**11**	**23**	**25**	**55**	**2.3 J**	< 1	< 2.5	**68**	< 1.5
MW-59A	12/10/2015	Shallow Gaspur	Primary	< 2.5	**26**	**330**	**6.3**	**13**	**36**	**36**	< 1.5	< 1	< 2.5	**69**	< 1.5

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

Well ID	Sample Date	Aquifer	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-59A	06/07/2016	Shallow Gaspur	Primary	< 2.5	**29**	**300**	**8.7**	**14**	**11**	**32**	< 1.5	< 1	< 2.5	**59**	< 1.5
MW-59A	12/02/2016	Shallow Gaspur	Primary	< 2.5	**5.4**	**91**	**1.8 J**	**4.6**	**6**	**9.8**	< 1.5	< 1	< 2.5	**34**	< 1.5
MW-59B	06/13/2011	Intermediate Gaspur	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
MW-59B	09/27/2011	Intermediate Gaspur	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
MW-59B	12/06/2011	Intermediate Gaspur	Primary	< 0.5	**0.54**	**1.1**	**1.1**	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	**12**	< 0.5
MW-59B	03/27/2012	Intermediate Gaspur	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
MW-59B	06/13/2012	Intermediate Gaspur	Primary	< 0.5	**0.78**	**2.9**	**2.7**	< 0.5	< 0.5	**0.56**	< 0.5	< 0.5	< 0.5	**15**	< 0.5
MW-59B	12/14/2012	Intermediate Gaspur	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
MW-59B	06/21/2013	Intermediate Gaspur	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
MW-59B	12/13/2013	Intermediate Gaspur	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
MW-59B	06/12/2014	Intermediate Gaspur	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
MW-59B	12/18/2014	Intermediate Gaspur	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
MW-59B	06/09/2015	Intermediate Gaspur	Primary	< 0.5	**1.1**	**3**	**1.4**	< 0.4	< 0.5	**1.1**	**1.1**	< 0.2	< 0.5	**6.2**	< 0.3
MW-59B	12/09/2015	Intermediate Gaspur	Primary	< 0.5	**1**	**1.7**	**1.6**	< 0.4	< 0.5	**0.62**	**0.83**	< 0.2	< 0.5	**5.9**	< 0.3
MW-59B	06/09/2016	Intermediate Gaspur	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
MW-59B	12/02/2016	Intermediate Gaspur	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
MW-59B	06/06/2017	Intermediate Gaspur	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
MW-59C	06/13/2011	Intermediate Gaspur	Primary	< 0.5	< 0.5	**0.72**	< 0.5	< 0.5	< 0.5	< 0.5	**2.3**	< 0.5	< 0.5	< 4	< 0.5
MW-59C	09/28/2011	Intermediate Gaspur	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
MW-59C	12/06/2011	Intermediate Gaspur	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
MW-59C	03/26/2012	Intermediate Gaspur	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
MW-59C	06/13/2012	Intermediate Gaspur	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
MW-59C	12/11/2012	Intermediate Gaspur	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
MW-59C	06/21/2013	Intermediate Gaspur	Primary	< 0.5	< 0.2	< 0.2	< 0.3	< 0.4	< 0.5	< 0.2	**2.2**	< 0.2	< 0.5	< 1	< 0.3
MW-59C	12/13/2013	Intermediate Gaspur	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-59C	06/12/2014	Intermediate Gaspur	Primary	< 0.5	< 0.2	< 0.2	< 0.3	< 0.4	< 0.5	< 0.2	**1.5**	< 0.2	< 0.5	< 1	< 0.3
MW-59C	12/18/2014	Intermediate Gaspur	Primary	< 0.5	< 0.2	< 0.2	< 0.3	< 0.4	< 0.5	< 0.2	**0.98**	< 0.2	< 0.5	< 1	< 0.3
MW-59C	06/09/2015	Intermediate Gaspur	Primary	< 0.5	< 0.2	< 0.2	< 0.3	< 0.4	< 0.5	< 0.2	**2.2**	< 0.2	< 0.5	< 1	< 0.3
MW-59C	12/11/2015	Intermediate Gaspur	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
MW-59C	06/09/2016	Intermediate Gaspur	Primary	< 0.5	< 0.2	< 0.2	< 0.3	< 0.4	< 0.5	< 0.2	**2**	< 0.2	< 0.5	< 1	< 0.3
MW-59C	12/02/2016	Intermediate Gaspur	Primary	< 0.5	< 0.2	< 0.2	< 0.3	< 0.4	< 0.5	< 0.2	**1.7**	< 0.2	< 0.5	< 1	< 0.3
MW-59C	06/06/2017	Intermediate Gaspur	Primary	< 0.5	< 0.2	< 0.2	< 0.3	< 0.4	< 0.5	< 0.2	**1.2**	< 0.2	< 0.5	< 1	< 0.3
MW-60A	07/27/2011	Shallow Gaspur	Primary	< 0.5	**56**	**94**	**7.5**	**5.4**	**0.68**	**10**	**0.69**	< 0.5	< 0.5	**11**	**1.7**
MW-60A	09/28/2011	Shallow Gaspur	Primary	< 0.5	**28**	**52**	**4.9**	**3.4**	< 0.5	**4.4**	< 0.5	< 0.5	< 0.5	**13**	**0.85**
MW-60A	12/08/2011	Shallow Gaspur	Primary	< 0.5	**20**	**49**	**4.7**	**3.1**	**0.63**	**5.2**	< 0.5	< 0.5	< 0.5	**13**	< 0.5
MW-60A	03/27/2012	Shallow Gaspur	Primary	< 0.5	**26**	**67**	**8.4**	**4.5**	**0.97**	**7.9**	< 0.5	< 0.5	< 0.5	**21 J**	< 0.5
MW-60A	06/12/2012	Shallow Gaspur	Primary	< 0.5	**22**	**74**	**7.8**	**4.3**	**1.3**	**8.8**	**0.6**	< 0.5	< 0.5	**32**	**0.66**
MW-60A	12/14/2012	Shallow Gaspur	Primary	< 0.5	**20**	**87**	**8.1**	**4.5**	**2**	**12**	**0.73**	< 0.5	**0.54**	**22 J**	**0.87**
MW-60A	06/19/2013	Shallow Gaspur	Primary	< 0.5	**12**	**77**	**4.6**	**4**	**0.58**	**9.6**	**0.56**	< 0.2	< 0.5	**19**	**0.95**
MW-60A	12/11/2013	Shallow Gaspur	Primary	< 0.5	**3.5**	**12**	**2.4**	**1.3**	**0.58**	**0.6**	< 0.3	< 0.2	< 0.5	**10**	< 0.3
MW-60A	06/11/2014	Shallow Gaspur	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
MW-60A	12/17/2014	Shallow Gaspur	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
MW-60A	06/10/2015	Shallow Gaspur	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
MW-60A	12/08/2015	Shallow Gaspur	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
MW-60A	06/07/2016	Shallow Gaspur	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
MW-60A	11/29/2016	Shallow Gaspur	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
MW-60A	06/07/2017	Shallow Gaspur	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
MW-60A	06/07/2017	Shallow Gaspur	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

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

Well ID	Sample Date	Aquifer	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	07/27/2011	Lower Gaspur	Primary	< 0.5	7.7	76 J	3.1	4.6	1.1	6.2	0.78	< 0.5	< 0.5	19	< 0.5
MW-60B	09/28/2011	Lower Gaspur	Primary	< 0.5	5.1	56	2	2.9	1.4	4.6	0.87	< 0.5	< 0.5	15	< 0.5
MW-60B	12/08/2011	Lower Gaspur	Primary	< 0.5	5.3	60	2	3	1.9	5.2	1.1	< 0.5	< 0.5	31 J	< 0.5
MW-60B	12/08/2011	Lower Gaspur	Primary	< 0.5	5.7	62	2	3.1	1.8	5.4	1.2	< 0.5	< 0.5	16 J	< 0.5
MW-60B	03/27/2012	Lower Gaspur	Primary	< 0.5	5.7	68	2.4	3.6	1.8	5.3	1.3	< 0.5	< 0.5	15 J	< 0.5
MW-60B	06/12/2012	Lower Gaspur	Primary	< 0.5	4.9	64	2.2	3.2	2.5	5.3	1.6	< 0.5	< 0.5	25	< 0.5
MW-60B	06/12/2012	Lower Gaspur	Split	< 0.5	4.6	55 D	2.3	3.4	3.2	5.2	1.5	< 0.5	0.3 J	12	NA
MW-60B	12/12/2012	Lower Gaspur	Primary	< 0.5	4.6	59	2.8	3.5	2	4.6	1.2	< 0.5	< 0.5	25	< 0.5
MW-60B	12/12/2012	Lower Gaspur	Primary	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	25	NA
MW-60B	06/19/2013	Lower Gaspur	Primary	< 0.5	2.3	33	1.6	2.3	0.96	3.3	0.79	< 0.2	< 0.5	15	< 0.3
MW-60B	12/11/2013	Lower Gaspur	Primary	< 0.5	3	36	1.9	2.8	0.93	3.2	0.98	< 0.2	< 0.5	15	< 0.3
MW-60B	06/11/2014	Lower Gaspur	Primary	< 0.5	2.8	23	1	1.5	0.5	1.9	0.69	< 0.2	< 0.5	12	< 0.3
MW-60B	12/17/2014	Lower Gaspur	Primary	< 0.5	1.7	22	1.2	2.1	1.2	1.6	1.2	< 0.2	< 0.5	12	< 0.3
MW-60B	06/10/2015	Lower Gaspur	Primary	< 0.5	2.3	35	2.3	3.5	2	4	2	< 0.2	< 0.5	16	< 0.3
MW-60B	12/08/2015	Lower Gaspur	Primary	< 0.5	3.1	50	3	3.8	1.2	5.2	1.1	< 0.2	< 0.5	13	< 0.3
MW-60B	06/07/2016	Lower Gaspur	Primary	< 0.5	2.1	17	1.4	1.5	0.59	1.7	0.6	< 0.2	< 0.5	8.5	< 0.3
MW-60B	06/07/2016	Lower Gaspur	Duplicate	< 0.5	2	17	1.6	1.4	0.53	1.7	0.54	< 0.2	< 0.5	8.2	< 0.3
MW-60B	11/29/2016	Lower Gaspur	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
MW-60B	06/07/2017	Lower Gaspur	Primary	< 0.5	0.32 J	9	< 0.3	0.53	< 0.5	1	1	< 0.2	< 0.5	8.9	< 0.3
MW-61A	09/26/2011	Shallow Gaspur	Primary	< 0.5	4.6	58	1.4	3.5	9	4.2	4.8	2.4	< 0.5	15 J	< 0.5
MW-61A	12/08/2011	Shallow Gaspur	Primary	< 0.5	1.2	80	1.5	3.9	4.2	4.3	6.6	3.4	0.57	15	< 0.5
MW-61A	03/28/2012	Shallow Gaspur	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
MW-61A	06/08/2012	Shallow Gaspur	Primary	< 0.5	0.88	86	1.6	4.1	4.1	4.3	6	5.4	0.62	12 J	< 0.5
MW-61A	12/12/2012	Shallow Gaspur	Primary	< 0.5	2.5	46	0.93	2.9	10	3.9	4	4.9	0.54	11	< 0.5
MW-61A	06/21/2013	Shallow Gaspur	Primary	< 0.5	1.2	38	1.1	2.2	3.1	3.3	2.4	3.4	< 0.5	11	< 0.3
MW-61A	12/12/2013	Shallow Gaspur	Primary	< 0.5	0.43 J	50	1.6	2.7	3	3.1	2.4	3.7	< 0.5	12	< 0.3
MW-61A	12/12/2013	Shallow Gaspur	Duplicate	< 0.5	0.34 J	48	1.5	2.3	2.8	2.9	2.4	3.6	< 0.5	13	< 0.3
MW-61A	06/09/2014	Shallow Gaspur	Primary	< 0.5	< 0.2	24	< 0.3	4.4	1.4	0.57	1.6	2.4	< 0.5	3.7	< 0.3
MW-61A	12/17/2014	Shallow Gaspur	Primary	< 0.5	1.2	59	3.5	3	2.8	5	0.96	0.43 J	< 0.5	24	< 0.3
MW-61A	06/09/2015	Shallow Gaspur	Primary	< 0.5	2.1	34	2	1.6	1.8	2.4	2.9	< 0.2	< 0.5	16	< 0.3
MW-61A	12/10/2015	Shallow Gaspur	Primary	< 0.5	26	72	4.4	3.1	2.2	8.4	2.2	< 0.2	0.57	46	< 0.3
MW-61A	06/09/2016	Shallow Gaspur	Primary	< 0.5	0.57	43	2.4	3.1	2	3.2	3.5	3.3	< 0.5	9.4	< 0.3
MW-61A	12/01/2016	Shallow Gaspur	Primary	< 0.5	0.53	73	2.1	4.9	2.4	4.4	4.9	3	< 0.5	14	< 0.3
MW-61A	06/06/2017	Shallow Gaspur	Primary	< 0.5	0.58	110	2.8	5.4	6.2	7.6	3.9	4.2	< 0.5	26	< 0.3
MW-61B	09/26/2011	Intermediate Gaspur	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
MW-61B	12/06/2011	Intermediate Gaspur	Primary	< 0.5	< 0.5	1.3	< 0.5	< 0.5	< 0.5	< 0.5	3	< 0.5	< 0.5	4.1	< 0.5
MW-61B	03/26/2012	Intermediate Gaspur	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
MW-61B	03/26/2012	Intermediate Gaspur	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
MW-61B	06/08/2012	Intermediate Gaspur	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
MW-61B	12/13/2012	Intermediate Gaspur	Primary	< 0.5	< 0.5	0.55	< 0.5	< 0.5	0.57	< 0.5	2.5	< 0.5	< 0.5	4	< 0.5
MW-61B	06/21/2013	Intermediate Gaspur	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
MW-61B	12/12/2013	Intermediate Gaspur	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
MW-61B	06/09/2014	Intermediate Gaspur	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
MW-61B	12/17/2014	Intermediate Gaspur	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
MW-61B	06/08/2015	Intermediate Gaspur	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
MW-61B	12/09/2015	Intermediate Gaspur	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
MW-61B	06/09/2016	Intermediate Gaspur	Primary	< 0.5	< 0.2	2	< 0.3	< 0.4	< 0.5	< 0.2	2.7	< 0.2	< 0.5	< 1	< 0.3
MW-61B	12/01/2016	Intermediate Gaspur	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

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

Well ID	Sample Date	Aquifer	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	06/06/2017	Intermediate Gaspur	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
MW-62A	07/26/2011	Shallow Gaspur	Primary	< 0.5	**4.7**	**32**	< 0.5	**6.4**	< 0.5	< 0.5	**2.5**	**3.2**	< 0.5	**1.1**	< 0.5
MW-62A	07/26/2011	Shallow Gaspur	Duplicate	< 0.5	**4.2**	**29**	< 0.5	**5.8**	< 0.5	< 0.5	**2.3**	**3**	< 0.5	**1**	< 0.5
MW-62A	09/27/2011	Shallow Gaspur	Primary	< 0.5	**3.4**	**33**	< 0.5	**6.2**	< 0.5	< 0.5	**2.3**	**3**	< 0.5	< 1.2	< 0.5
MW-62A	12/07/2011	Shallow Gaspur	Primary	< 0.5	**3.1**	**31**	< 0.5	**6.1**	< 0.5	< 0.5	**2.2**	**2.5**	< 0.5	**1.4**	< 0.5
MW-62A	03/27/2012	Shallow Gaspur	Primary	< 0.5	**3.1**	**26**	< 0.5	**5**	< 0.5	< 0.5	**2.2**	**2.4**	< 0.5	**1.2 J**	< 0.5
MW-62A	06/12/2012	Shallow Gaspur	Primary	< 0.5	**2.2**	**25**	< 0.5	**4.2**	< 0.5	< 0.5	**2.2**	**2.5**	< 0.5	**1.2**	< 0.5
MW-62A	12/14/2012	Shallow Gaspur	Primary	< 0.5	**2.3**	**30**	< 0.5	**6.2**	**0.52**	< 0.5	**1.6**	**2.7**	< 0.5	**1.6**	< 0.5
MW-62A	06/19/2013	Shallow Gaspur	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
MW-62A	12/11/2013	Shallow Gaspur	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
MW-62A	06/11/2014	Shallow Gaspur	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
MW-62A	12/17/2014	Shallow Gaspur	Primary	< 0.5	**3.5**	**23**	< 0.3	**8.8**	< 0.5	< 0.2	**1.7**	**1.1**	< 0.5	< 1	< 0.3
MW-62A	06/10/2015	Shallow Gaspur	Primary	< 0.5	**4**	**23**	**0.31 J**	**10**	< 0.5	< 0.2	**3.4**	**1.4**	< 0.5	< 1	< 0.3
MW-62A	12/08/2015	Shallow Gaspur	Primary	< 0.5	**3.3**	**27**	< 0.3	**11**	< 0.5	< 0.2	**2.3**	**1.1**	< 0.5	< 1	< 0.3
MW-62A	12/08/2015	Shallow Gaspur	Duplicate	< 0.5	**3.3**	**27**	< 0.3	**11**	< 0.5	< 0.2	**2.4**	**1.1**	< 0.5	< 1	< 0.3
MW-62A	06/07/2016	Shallow Gaspur	Primary	< 0.5	**1.8**	**21**	< 0.3	**8.6**	< 0.5	< 0.2	**1.9**	< 0.2	< 0.5	< 1	< 0.3
MW-62A	11/29/2016	Shallow Gaspur	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
MW-62A	06/07/2017	Shallow Gaspur	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
MW-62B	09/28/2011	Lower Gaspur	Primary	< 0.5	**44**	**62**	< 0.5	**27**	< 0.5	< 0.5	**7.6**	**20**	< 0.5	< 0.95	< 0.5
MW-62B	12/08/2011	Lower Gaspur	Primary	< 0.5	**44**	**61**	**0.5**	**25**	< 0.5	< 0.5	**8.3**	**20**	< 0.5	< 0.95	< 0.5
MW-62B	03/28/2012	Lower Gaspur	Primary	< 0.5	**45**	**72**	**0.52**	**28**	**0.63**	< 0.5	**7.7**	**21**	< 0.5	< 0.94 J	< 0.5
MW-62B	06/12/2012	Lower Gaspur	Primary	< 0.5	**15**	**90**	**0.57**	**25**	< 0.5	< 0.5	**7.5**	**20**	< 0.5	< 0.94	< 0.5
MW-62B	12/11/2012	Lower Gaspur	Primary	< 0.5	**0.74**	**76**	**0.52**	**19**	**1.3**	< 0.5	**6.7**	**13**	< 0.5	< 0.95	< 0.5
MW-62B	06/19/2013	Lower Gaspur	Primary	< 0.5	**11**	**41**	**0.36 J**	**13**	**1.3**	< 0.2	**3.6**	**9.7**	< 0.5	< 1 J	< 0.3
MW-62B	12/11/2013	Lower Gaspur	Primary	< 0.5	**1.5**	**46**	**0.51**	**14**	**1.7**	< 0.2	**3.4**	**10**	< 0.5	< 1	< 0.3
MW-62B	06/11/2014	Lower Gaspur	Primary	< 0.5	**6.4**	**30**	< 0.3	**7.5**	**0.75**	< 0.2	**2.1**	**5.6**	< 0.5	< 1	< 0.3
MW-62B	12/17/2014	Lower Gaspur	Primary	< 0.5	**3.1**	**20**	< 0.3	**3.8**	**0.56**	< 0.2	**2**	**2**	< 0.5	< 1	< 0.3
MW-62B	06/10/2015	Lower Gaspur	Primary	< 0.5	**6.6**	**18**	< 0.3	**4.2**	**0.82**	< 0.2	**3.7**	**1.6**	< 0.5	< 1	< 0.3
MW-62B	12/08/2015	Lower Gaspur	Primary	< 0.5	**7.3**	**13**	< 0.3	**2.7**	**0.73**	< 0.2	**2.9**	**0.51**	< 0.5	< 1	< 0.3
MW-62B	06/07/2016	Lower Gaspur	Primary	< 0.5	**6.7**	**10**	< 0.3	**2.4**	**0.76**	< 0.2	**1.9**	**0.86**	< 0.5	< 1	< 0.3
MW-62B	11/29/2016	Lower Gaspur	Primary	< 0.5	**4.9**	**8.7**	< 0.3	**2.6**	**1.3**	< 0.2	**2.5**	**0.66**	< 0.5	< 1	< 0.3
MW-62B	06/07/2017	Lower Gaspur	Primary	< 0.5	**4.2**	**9.6**	< 0.3	**1.7**	**0.89**	< 0.2	**2.5**	< 0.2	< 0.5	< 1	< 0.3
PZ-7A	08/11/2011	Shallow Gaspur	Primary	< 0.5	**7.2**	**20**	< 0.5	**1.4**	< 0.5	**0.53**	**2.8**	**1.7**	< 0.5	**2.7**	< 0.5
PZ-7A	09/27/2011	Shallow Gaspur	Primary	< 0.5	**5.6**	**25**	< 0.5	**1.7**	< 0.5	**0.64**	**2.6**	**1.5**	< 0.5	< 2.9	< 0.5
PZ-7A	12/07/2011	Shallow Gaspur	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
PZ-7A	12/07/2011	Shallow Gaspur	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
PZ-7A	03/27/2012	Shallow Gaspur	Primary	< 0.5	**3.1**	**27**	< 0.5	**2**	< 0.5	< 0.5	**2.7**	**1.9**	< 0.5	**2.5 J**	< 0.5
PZ-7A	06/12/2012	Shallow Gaspur	Primary	< 0.5	**2.5**	**30**	< 0.5	**2**	< 0.5	**0.54**	**3.2 J**	**2.5**	< 0.5	**2.2**	< 0.5
PZ-7A	12/13/2012	Shallow Gaspur	Primary	< 0.5	**1.4**	**26**	< 0.5	**1.6**	< 0.5	**0.53**	**3.2**	**1.6**	< 0.5	< 2.6	< 0.5
PZ-7A	06/19/2013	Shallow Gaspur	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
PZ-7A	12/11/2013	Shallow Gaspur	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
PZ-7A	06/11/2014	Shallow Gaspur	Primary	< 0.5	**2.4**	**22**	< 0.3	**2.3**	< 0.5	< 0.2	**1.6**	**1.2**	< 0.5	**2.4**	< 0.3
PZ-7A	12/17/2014	Shallow Gaspur	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
PZ-7A	06/10/2015	Shallow Gaspur	Primary	< 0.5	**3.7**	**27**	< 0.3	**5.5**	**0.66**	**0.35 J**	**3**	**2.2**	< 0.5	< 1	< 0.3
PZ-7A	12/09/2015	Shallow Gaspur	Primary	< 0.5	**3.1**	**30**	< 0.3	**7.2**	< 0.5	< 0.2	**3.1**	**2.7**	< 0.5	< 1	< 0.3
PZ-7A	06/07/2016	Shallow Gaspur	Primary	< 0.5	**2.6**	**26**	< 0.3	**8.2**	< 0.5	< 0.2	**2.2**	**2.4**	< 0.5	< 1	< 0.3
PZ-7A	11/29/2016	Shallow Gaspur	Primary	< 0.5	**1.9**	**20**	< 0.3	**6.1**	< 0.5	**0.5**	**1.6**	**1.1**	< 0.5	**2.1**	< 0.3
PZ-7A	06/07/2017	Shallow Gaspur	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

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

Well ID	Sample Date	Aquifer	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-7B	08/11/2011	Intermediate Gaspur	Primary	< 0.5	**5.7**	**27 J**	< 0.5	**3.5**	< 0.5	< 0.5	**3**	**2.6**	< 0.5	**2.1**	< 0.5
PZ-7B	09/27/2011	Intermediate Gaspur	Primary	< 0.5	**5**	**39**	< 0.5	**4.3**	< 0.5	< 0.5	**2.9**	**3.2**	< 0.5	< 2.6	< 0.5
PZ-7B	12/07/2011	Intermediate Gaspur	Primary	< 0.5	**2.8**	**37**	< 0.5	**4**	< 0.5	< 0.5	**2.8**	**2.8**	< 0.5	**2.1**	< 0.5
PZ-7B	03/27/2012	Intermediate Gaspur	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
PZ-7B	06/13/2012	Intermediate Gaspur	Primary	< 0.5	**1.1 J**	**25**	< 0.5	**2.3**	< 0.5	< 0.5	**2.6**	**2**	< 0.5	**2.1**	< 0.5
PZ-7B	12/13/2012	Intermediate Gaspur	Primary	< 0.5	**0.98**	**32**	< 0.5	**3.8**	**0.75**	< 0.5	**3.5**	**2.4**	< 0.5	< 2	< 0.5
PZ-7B	12/13/2012	Intermediate Gaspur	Duplicate	< 0.5	**0.98**	**31**	< 0.5	**3.6**	**0.73**	< 0.5	**3.4**	**2.4**	< 0.5	< 2	< 0.5
PZ-7B	06/19/2013	Intermediate Gaspur	Primary	< 0.5	**0.52**	**34**	< 0.3	**5.5**	**0.97**	**0.36 J**	**2.4**	**3**	< 0.5	**2**	< 0.3
PZ-7B	12/11/2013	Intermediate Gaspur	Primary	< 0.5	**0.67**	**33**	**0.34 J**	**6**	**1**	< 0.2	**1.9**	**3.2**	< 0.5	**1.8 J**	< 0.3
PZ-7B	06/11/2014	Intermediate Gaspur	Primary	< 0.5	**0.81**	**38**	< 0.3	**6**	**0.76**	< 0.2	**1.5**	**3.8**	< 0.5	**2.1**	< 0.3
PZ-7B	12/17/2014	Intermediate Gaspur	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
PZ-7B	06/10/2015	Intermediate Gaspur	Primary	< 0.5	**1.3**	**32**	< 0.3	**9.6**	**0.89**	**0.37 J**	**3.4**	**3.6**	< 0.5	< 1	< 0.3
PZ-7B	06/10/2015	Intermediate Gaspur	Duplicate	< 0.5	**1.5**	**30**	< 0.3	**9.3**	**0.81**	< 0.2	**3.4**	**3.4**	< 0.5	< 1	< 0.3
PZ-7B	12/09/2015	Intermediate Gaspur	Primary	< 0.5	**1.2**	**38**	< 0.3	**11**	**1.2**	< 0.2	**3.2**	**4.3**	< 0.5	< 1	< 0.3
PZ-7B	06/07/2016	Intermediate Gaspur	Primary	< 0.5	**0.95**	**27**	**0.3 J**	**9.9**	**0.95**	< 0.2	**2.2**	**3.3**	< 0.5	< 1	< 0.3
PZ-7B	11/29/2016	Intermediate Gaspur	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
PZ-7B	11/29/2016	Intermediate Gaspur	Duplicate	< 0.5	**1.9**	**24**	< 0.3	**8.4**	**1.6**	**0.85**	**2**	**1.3**	< 0.5	**2**	< 0.3
PZ-7B	06/07/2017	Intermediate Gaspur	Primary	< 0.5	**0.49 J**	**3.7**	< 0.3	**4**	**8.1**	< 0.2	**1.1**	**1.9**	< 0.5	< 1	< 0.3
EW-2	12/01/2000	Shallow Gaspur	Primary	< 1	**150**	**170**	**9**	**10**	**1.7**	**20**	**5.4**	**2**	**3**	NA	NA
EW-2	03/01/2001	Shallow Gaspur	Primary	**0.6 J**	**130**	**110**	**10 J**	**12**	**2.4**	**20**	< 0.5	**2**	**4**	NA	NA
EW-2	05/01/2003	Shallow Gaspur	Primary	< 50	**86**	**1300 J**	**46 J**	**39 J**	**12 J**	**260**	**46 J**	**20**	< 50 *	NA	NA
EW-2	12/01/2003	Shallow Gaspur	Primary	< 1	**16**	**1200**	**72**	**55**	**13**	**320**	**36**	**15**	**11**	NA	NA
EW-2	02/01/2004	Shallow Gaspur	Primary	< 5	**140**	**1000**	**56**	**44**	**12**	**230**	**39**	**14**	**13**	NA	NA
EW-2	04/04/2004	Shallow Gaspur	Primary	< 0.5	**270**	**1200**	**54 E**	**63 J**	**84 J**	**280**	**48 E**	**20**	**15**	**710**	NA
EW-2	07/01/2004	Shallow Gaspur	Primary	< 2	**130 D**	**390 D**	**27**	**51**	**460 D**	**250 D**	**39**	**14**	**11**	NA	NA
EW-2	11/01/2004	Shallow Gaspur	Primary	< 0.5	**130 D**	**210 D**	**34 E**	**72 JD**	**1100 D**	**240 D**	**41 E**	**20**	**15 J**	**700**	NA
EW-2	04/01/2005	Shallow Gaspur	Primary	< 0.5	**59 D**	**94 D**	**12**	**48 D**	**310 D**	**220 D**	**24**	**20**	**12**	**530**	NA
EW-2	11/01/2005	Shallow Gaspur	Primary	< 0.5	**190**	**120**	**25**	**59**	**430**	**250**	**22**	**16**	**11**	**510**	NA
EW-2	03/01/2006	Shallow Gaspur	Primary	< 0.5	**42 D**	**20**	**4.1**	**42 D**	**190 D**	**200 D**	**16**	**12**	**11**	**550**	NA
EW-2	08/01/2006	Shallow Gaspur	Primary	< 0.5	**30 D**	**46 D**	**5.4**	**40 D**	**110 D**	**200 D**	**21**	**13**	**9.1**	**430**	NA
EW-2	03/01/2008	Shallow Gaspur	Primary	< 0.5	**11**	**10**	**0.69**	**32 D**	**29 D**	**130 D**	**13**	**10**	**6**	**290 D**	NA
EW-2	05/14/2009	Shallow Gaspur	Primary	< 0.5	**29 D**	**94 D**	**2.4 J**	**23 D**	**58 D**	**120 D**	**16**	**10**	**8.1**	**160 D**	NA
EW-2	07/15/2010	Shallow Gaspur	Primary	< 0.5	**20**	**140**	**2.4**	**14**	**35 J**	**73 J**	**14**	**5.8**	**5.7**	**87 J**	**2**
EW-2	07/23/2012	Shallow Gaspur	Primary	< 0.5	**12**	**25**	**2.4**	**1.5**	**3.1**	**4.5**	**1.4**	**1.5**	< 0.5	**12**	< 0.5
EW-2	08/17/2012	Shallow Gaspur	Primary	< 0.5	**9.2**	**25**	**2.9**	**1.6**	**4.6**	**4.9**	**1.4**	**1.7**	< 0.5	**12 J**	< 0.5
EW-2	08/24/2012	Shallow Gaspur	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
EW-2	09/07/2012	Shallow Gaspur	Primary	< 0.5	**17**	**42**	**2.9**	**2.4**	**2.6**	**6.1**	**1.2**	**1.8**	< 0.5	**15 J**	< 0.5
EW-2	09/14/2012	Shallow Gaspur	Primary	< 0.5	**16**	**42**	**2.6**	**2.3**	**3.5**	**5.9**	**1.3**	**1.8**	**0.86**	**14 J**	**0.58**
EW-2	02/28/2013	Shallow Gaspur	Primary	< 0.5	**13**	**52**	**3.5**	**2.9**	**3.8**	**6.2**	**2**	**5.8**	**0.77**	**16**	< 0.5
EW-2	03/08/2013	Shallow Gaspur	Primary	< 1	**13**	**40**	**2.4 J**	**2.5**	**2.8**	**5.1**	**1.4**	**3.8**	< 1	**24**	< 1
EW-2	03/15/2013	Shallow Gaspur	Primary	< 1	**15**	**44**	**3.6**	**3**	**3.4**	**5.4**	**1.9**	**3.8**	< 1	**21**	< 1
EW-2	03/22/2013	Shallow Gaspur	Primary	< 1	**16**	**47**	**3.1**	**2.9**	**3.8**	**6.1**	**1.9**	**4**	< 1	**21**	< 1 J
EW-2	06/21/2013	Shallow Gaspur	Primary	< 0.5	**11**	**41**	**3.2**	**2.7**	**2.8**	**6.2**	**1.7**	**2.4**	< 0.5	**17**	< 0.3
EW-2	12/13/2013	Shallow Gaspur	Primary	< 0.5	**12**	**38**	**3**	**2.3**	**2.7**	**4.4**	**2.1**	**2.5**	< 0.5	**16**	< 0.3
EW-2	06/12/2014	Shallow Gaspur	Primary	< 0.5	**3.8**	**26**	**2**	**1.8**	**1.4**	**2.7**	**1.3**	**2.4**	< 0.5	**15**	< 0.3
EW-2	12/17/2014	Shallow Gaspur	Primary	< 0.5	**4.2**	**35**	**2.5**	**2.1**	**2.9**	**3.7**	**1.3**	**2.7**	< 0.5	**16**	< 0.3
EW-2	06/11/2015	Shallow Gaspur	Primary	< 0.5	**6.3**	**32**	**3.2**	**2.5**	**4.7**	**4.7**	**2.5 J**	**3.1**	< 0.5	**17**	< 0.3
EW-2	12/11/2015	Shallow Gaspur	Primary	< 0.5	**2.5**	**27**	**3.6**	**1.7**	**3.2**	**3.2**	**0.86**	**2.5**	< 0.5	**16**	< 0.3

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

Well ID	Sample Date	Aquifer	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	06/10/2016	Shallow Gaspur	Primary	< 0.5	**2.3**	**17**	**4.9**	**1.2**	**2**	**2.1**	**0.42 J**	**2.5**	< 0.5	**17**	< 0.3
EW-2	12/01/2016	Shallow Gaspur	Primary	< 0.5	**1.9**	**19**	**4.6**	**1.3**	**2.2**	**2.1**	**0.38 J**	**2.7**	< 0.5	**18**	< 0.3
EW-2	06/07/2017	Shallow Gaspur	Primary	< 0.5	**0.48 J**	**11**	**2.8**	**0.82**	**3**	**1.7**	**0.42 J**	**2.7**	< 0.5	**17**	< 0.3
EW-4	07/26/2011	Shallow/Intermediate	Primary	< 0.5	**1**	**43**	< 0.5	**4.4**	< 0.5	**1.3**	**2.2**	**5.2**	< 0.5	**8.1**	< 0.5
EW-4	02/28/2013	Shallow/Intermediate	Primary	< 0.5	**1.9**	**45**	**0.82**	**2**	**2.2**	**2**	**3.6**	**5.2**	< 0.5	**8.8**	< 0.5
EW-4	03/08/2013	Shallow/Intermediate	Primary	< 1	**3.4**	**36**	< 1 J	**2.3**	**2**	**2.4**	**2.6**	**4**	< 1	**9.8**	< 1
EW-4	03/15/2013	Shallow/Intermediate	Primary	< 1	**3.5**	**40**	**1.2**	**2.4**	**2.4**	**2.7**	**3.3**	**3.5**	< 1	**9.9**	< 1
EW-4	03/22/2013	Shallow/Intermediate	Primary	< 1	**4.1**	**43**	**1.3**	**2.5**	**2.8**	**3**	**3.4**	**3.5**	< 1	**11**	< 1 J
EW-4	06/21/2013	Shallow/Intermediate	Primary	< 0.5	**5.4**	**43**	**2**	**2.5**	**2**	**4.2**	**2**	**2.2**	< 0.5	**15**	< 0.3
EW-4	12/13/2013	Shallow/Intermediate	Primary	< 0.5	**5.5**	**48**	**2.6**	**3.2**	**2**	**4.7**	**1.6**	**1.2**	< 0.5	**17**	< 0.3
EW-4	06/12/2014	Shallow/Intermediate	Primary	< 0.5	**1.9**	**44**	**2**	**3.4**	**1.3**	**3.1**	**1.4**	**1.2**	< 0.5	**20**	< 0.3
EW-4	12/17/2014	Shallow/Intermediate	Primary	< 0.5	**0.76**	**28**	**1.2**	**2**	**0.92**	**1.4**	**1.2**	**0.7**	< 0.5	**14**	< 0.3
EW-4	06/11/2015	Shallow/Intermediate	Primary	< 0.5	**4.4**	**40**	**2**	**4.8**	**2.1**	**3.1**	**3.2 J**	**1.5**	< 0.5	**15**	< 0.3
EW-4	12/09/2015	Shallow/Intermediate	Primary	< 0.5	**0.63**	**41**	**1.4**	**6.7**	**2.2**	**2.4**	**3.9**	**2.2**	< 0.5	**6.2**	< 0.3
EW-4	06/10/2016	Shallow/Intermediate	Primary	< 0.5	**0.61**	**41**	**1.4**	**4.9**	**2.1**	**2.1**	**3.9**	**2.7**	< 0.5	**2.9**	< 0.3
EW-4	12/01/2016	Shallow/Intermediate	Primary	< 0.5	**0.56**	**39**	**1.3**	**4.7**	**4.1**	**2**	**3.2**	**1.6**	< 0.5	**7.4**	< 0.3
EW-4	06/09/2017	Shallow/Intermediate	Primary	< 0.5	**0.4 J**	**38**	**0.91**	**3.4**	**1.6**	**2**	**2.5**	**1.4**	< 0.5	**10**	< 0.3
EW-4	06/09/2017	Shallow/Intermediate	Duplicate	< 0.5	**0.42 J**	**41**	**0.87**	**4.6**	**1.5**	**2.2**	**2.8**	**1.6**	< 0.5	**11**	< 0.3
EW-5	06/19/2013	Shallow Gaspur	Primary	< 0.5	**18**	**59**	**5.7**	**3.3**	**0.87**	**9.4**	**0.45 J**	< 0.2	< 0.5	**29**	< 0.3
EW-5	12/11/2013	Shallow Gaspur	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
EW-5	06/11/2014	Shallow Gaspur	Primary	< 0.5	**5.2**	**12**	**0.95**	**0.78**	< 0.5	**0.6**	< 0.3	< 0.2	< 0.5	**5.9**	< 0.3
EW-5	12/17/2014	Shallow Gaspur	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
EW-5	12/09/2015	Shallow Gaspur	Primary	< 0.5	**10**	**24**	**1.4**	**1.4**	< 0.5	**1.3**	**1.8**	< 0.2	< 0.5	**16**	< 0.3
EW-5	12/16/2015	Shallow Gaspur	Primary	< 0.5	**9.4**	**23**	**1.3**	**1.7**	< 0.5	**1.1**	**1.5**	< 0.2	< 0.5	**14**	< 0.3
EW-5	12/23/2015	Shallow Gaspur	Primary	< 0.5	**10**	**34**	**2.2**	**1.9**	< 0.5	**2.1**	**1.8**	**0.3 J**	< 0.5	**18**	< 0.3
EW-5	12/30/2015	Shallow Gaspur	Primary	< 0.5	**9.5**	**25**	**1.6**	**1.7**	**0.56**	**1.8**	< 0.3	< 0.2	< 0.5	**17**	< 0.3
EW-5	06/08/2016	Shallow Gaspur	Primary	< 0.5	**9.1**	**26**	**1.9**	**1.4**	< 0.5	**1.9**	**1.7**	< 0.2	< 0.5	**11**	< 0.3
EW-5	12/02/2016	Shallow Gaspur	Primary	< 0.5	**13**	**20**	**1.5**	**1.1**	< 0.5	**1.4**	< 0.3	< 0.2	< 0.5	**13**	< 0.3
EW-5	06/07/2017	Shallow Gaspur	Primary	< 0.5	**11**	**15**	**1.3**	**0.71**	< 0.5	**1.8**	< 0.3	< 0.2	< 0.5	**15**	< 0.3
EW-7A	06/19/2013	Shallow/Intermediate	Primary	< 0.5	**3.1**	**41**	**0.55**	**3.7**	< 0.5	**1.2**	**2**	**2.3**	< 0.5	**5.2**	< 0.3
EW-7A	12/11/2013	Shallow/Intermediate	Primary	< 0.5	**1.8**	**35**	**0.51**	**4.4**	< 0.5	**0.72**	**2.1**	**3.9**	< 0.5	**3.4**	< 0.3
EW-7A	12/11/2013	Shallow/Intermediate	Duplicate	< 0.5	**1.8**	**36**	**0.51**	**4.4**	< 0.5	**0.56**	**2.1**	**4**	< 0.5	**3.4**	< 0.3
EW-7A	06/11/2014	Shallow/Intermediate	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
EW-7A	12/17/2014	Shallow/Intermediate	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
EW-7A	12/17/2014	Shallow/Intermediate	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
EW-7A	12/09/2015	Shallow/Intermediate	Primary	< 0.5	**1.4**	**27**	< 0.3	**5.6**	< 0.5	< 0.2	**1.9**	**3.1**	< 0.5	**1 J**	< 0.3
EW-7A	12/10/2015	Shallow/Intermediate	Primary	< 0.5	**1.3**	**30**	< 0.3	**6.3**	< 0.5	**0.3 J**	**1.8**	**2.6**	< 0.5	< 1	< 0.3
EW-7A	12/10/2015	Shallow/Intermediate	Duplicate	< 0.5	**1.4**	**31**	< 0.3	**6.6**	< 0.5	**0.26 J**	**1.8**	**2.7**	< 0.5	< 1	< 0.3
EW-7A	12/16/2015	Shallow/Intermediate	Primary	< 0.5	**1.4**	**25**	< 0.3	**5.7**	< 0.5	< 0.2	**2.1**	**2.9**	< 0.5	< 1	< 0.3
EW-7A	12/23/2015	Shallow/Intermediate	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
EW-7A	12/30/2015	Shallow/Intermediate	Primary	< 0.5	**1.3**	**27**	< 0.3	**6.8**	**0.52**	< 0.2	< 0.3	**3**	< 0.5	**1.3 J**	< 0.3
EW-7A	06/07/2016	Shallow/Intermediate	Primary	< 0.5	**2.3**	**29**	**0.6**	**6.9**	< 0.5	**0.64**	**1.8**	**2.1**	< 0.5	**3**	< 0.3
EW-7A	11/29/2016	Shallow/Intermediate	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
EW-7A	06/07/2017	Shallow/Intermediate	Primary	< 0.5	**1.8**	**24**	**0.53**	**4.2**	< 0.5	**1**	**1.2**	**0.83**	< 0.5	**6.5**	< 0.3
EW-7B	06/19/2013	Lower Gaspur	Primary	< 0.5	**3**	**42**	**0.33 J**	**6.6**	**0.59**	**0.57**	**2.6**	**4.2**	< 0.5	**4.4**	< 0.3
EW-7B	12/11/2013	Lower Gaspur	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
EW-7B	06/11/2014	Lower Gaspur	Primary	< 0.5	**1.7**	**43**	< 0.3	**6.7**	< 0.5	< 0.2	**2.2**	**4.5**	< 0.5	**3.6**	< 0.3
EW-7B	12/17/2014	Lower Gaspur	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

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

Well ID	Sample Date	Aquifer	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	12/09/2015	Lower Gaspur	Primary	< 0.5	**4**	**50**	< 0.3	**8.4**	**1.1**	**1.1**	**2.8**	**4.5**	< 0.5	**5.1**	< 0.3
EW-7B	12/10/2015	Lower Gaspur	Primary	< 0.5	**3.9**	**57**	**0.69**	**10**	**1.3**	**1.3**	**2.8**	**4.4**	< 0.5	**4.1**	< 0.3
EW-7B	12/16/2015	Lower Gaspur	Primary	< 0.5	**4.2**	**53**	< 0.3	**8.6**	**1.2**	**1**	**3.2**	**4.7**	< 0.5	**4.7**	< 0.3
EW-7B	12/23/2015	Lower Gaspur	Primary	< 0.5	**4.4**	**68**	**1.4**	**10**	**2.4**	**2**	**3.2**	**5.1**	< 0.5	**6.5**	< 0.3
EW-7B	12/30/2015	Lower Gaspur	Primary	< 0.5	**3.8**	**51**	**0.86**	**9.7**	**1.6**	**1.4**	< 0.3	**4.5**	< 0.5	**6.5**	< 0.3
EW-7B	06/07/2016	Lower Gaspur	Primary	< 0.5	**3.5**	**52**	**1.2**	**7.5**	**1.2**	**1.6**	**2.4**	**2.5**	< 0.5	**7.1**	< 0.3
EW-7B	11/29/2016	Lower Gaspur	Primary	< 0.5	**3.4**	**58**	**1.2**	**6.6**	**0.94**	**1.6**	**2.2**	**2.3**	< 0.5	**9.2**	< 0.3
EW-7B	06/07/2017	Lower Gaspur	Primary	< 0.5	**2.9**	**46**	**0.82**	**5.1**	**0.82**	**1.5**	**1.6**	**1.2**	< 0.5	**8.9**	< 0.3
EW-8	06/21/2013	Lower Gaspur	Primary	< 0.5	**1.2**	**47**	**0.8**	**3.3**	**1.3**	**2.2**	**3.2**	**2**	< 0.5	**7.9**	< 0.3
EW-8	12/11/2013	Lower Gaspur	Primary	< 0.5	**1.8**	**56**	**0.98**	**6.1**	**1.8**	**2.1**	**3.7**	**3**	< 0.5	**7.9**	< 0.3
EW-8	06/11/2014	Lower Gaspur	Primary	< 0.5	**1.7**	**55**	**0.84**	**6**	**2.1**	**2**	**3.2**	**3.4**	< 0.5	**8.7**	< 0.3
EW-8	12/18/2014	Lower Gaspur	Primary	< 0.5	**1.4**	**47**	**0.61**	**5.4**	**1.3**	**1.3**	**2.6**	**2.8**	< 0.5	**5.8**	< 0.3
EW-8	06/09/2015	Lower Gaspur	Primary	< 0.5	**1.6**	**45**	**0.54**	**8.7**	**1.6**	**1**	**4.3**	**4.4**	< 0.5	**3.9**	< 0.3
EW-8	12/08/2015	Lower Gaspur	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
EW-8	06/07/2016	Lower Gaspur	Primary	< 0.5	**1.2**	**30**	< 0.3	**9.3**	**3.4**	**1.2**	**2.3**	**4**	< 0.5	**2.6**	< 0.3
EW-8	11/30/2016	Lower Gaspur	Primary	< 0.5	**1.5**	**35**	< 0.3	**9.5**	**1.2**	**2.3**	**2.5**	**3**	< 0.5	**5.5**	< 0.3
EW-8	06/09/2017	Lower Gaspur	Primary	< 0.5	**1.1**	**30**	< 0.3	**10**	**0.91**	**0.58**	**2.4**	**2.4**	< 0.5	**2 J**	< 0.3
EW-A	12/09/2015	Lower Gaspur	Primary	< 0.5	**1.2**	**32**	**0.92**	**5**	**1.9**	**2**	**4**	**1.8**	< 0.5	**7.2**	< 0.3
EW-A	12/09/2015	Lower Gaspur	Primary	< 0.5	**1.1**	**25**	**0.76**	**4**	**1.2**	**1.4**	**3.3**	**1.7**	< 0.5	**8.4**	< 0.3
EW-A	12/16/2015	Lower Gaspur	Primary	< 0.5	**1.2**	**26**	< 0.3	**4.2**	**1.2**	**1.3**	**3.4**	**1.8**	< 0.5	**7.2**	< 0.3
EW-A	12/23/2015	Lower Gaspur	Primary	< 0.5	**1.4**	**35**	**1**	**4.9**	**2**	**2.1**	**3.6**	**2**	< 0.5	**9**	< 0.3
EW-A	12/30/2015	Lower Gaspur	Primary	< 0.5	**1.4**	**31**	**1.1**	**5.5**	**2**	**2**	< 0.3	**2.2**	< 0.5	**8.7**	< 0.3
EW-A	06/10/2016	Lower Gaspur	Primary	< 0.5	**1.4**	**46**	**1.5**	**5.6**	**1.2**	**2.9**	**3**	**3.6**	< 0.5	**13**	< 0.3
EW-A	12/01/2016	Lower Gaspur	Primary	< 0.5	**0.83**	**51**	**2**	**6.8**	**1.8**	**3.4**	**2.9**	**2.2**	< 0.5	**18**	< 0.3
EW-A	06/12/2017	Lower Gaspur	Primary	< 0.5	**0.59**	**44**	**1.4**	**5.2**	**1.4**	**2.7**	**2.2**	**2.3**	< 0.5	**16**	< 0.3
SAIA-MW1A	03/27/2014	Shallow Gaspur	Primary	< 100	**7400 J**	**3300**	< 100	**71 J**	< 100	**21 J**	< 100	< 100	< 100	**1.6 J**	< 100
SAIA-MW1A	08/25/2014	Shallow Gaspur	Primary	**0.42 J**	**4800**	**6900**	**16**	**96 J**	< 360	**17**	< 0.5	**0.29 J**	< 0.5	**1.4**	< 0.5
SAIA-MW1A	07/14/2016	Shallow Gaspur	Primary	< 25	**1500**	**3900**	< 25	**160**	< 25	**22 J**	< 25	< 25	< 25	< 0.5	< 25
SAIA-MW1B	03/27/2014	Intermediate Gaspur	Primary	< 0.5	**17**	**59**	< 0.5	**4.6**	< 0.5	**0.25**	**0.48 J**	< 0.5	< 0.5	**1.9**	< 0.5
SAIA-MW1B	08/25/2014	Intermediate Gaspur	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
SAIA-MW1B	07/14/2016	Intermediate Gaspur	Primary	< 0.5	**0.84**	**14**	< 0.5	**2**	< 0.5	< 0.5	**0.58**	< 0.5	< 0.5	< 0.5	< 0.5
SAIA-MW1B	07/14/2016	Intermediate Gaspur	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	03/27/2014	Lower Gaspur	Primary	< 4	**420 J**	**370**	< 4	**34**	< 4	**3.9 J**	**35**	< 4	< 4	**18**	< 4
SAIA-MW1C	08/25/2014	Lower Gaspur	Primary	< 0.5	**210**	**560**	**6.5**	**47**	**1.4**	**4.2**	**52**	**3.7**	**0.1 J**	**22**	< 0.5
SAIA-MW1C	07/14/2016	Lower Gaspur	Primary	< 0.5	**4.4**	**350**	**5.3**	**27**	**18**	**2.6**	**33**	**3.2**	< 0.5	**7.3**	< 0.5
SAIA-MW2A	03/27/2014	Shallow Gaspur	Primary	< 10	**1100 J**	**2000**	< 10	**74**	< 10	**4.8 J**	< 10	< 10	< 10	**12**	< 10
SAIA-MW2A	08/25/2014	Shallow Gaspur	Primary	< 0.5	**1300**	**2500**	**7.7**	**110 J**	**5.5**	**7.2**	**0.25 J**	**0.35 J**	< 0.5	**16**	< 0.5
SAIA-MW2A	08/25/2014	Shallow Gaspur	Duplicate	< 0.5	**1300**	**2400**	**7.7**	**120 J**	**5.3**	**7**	< 0.5	**0.35 J**	< 0.5	**15**	< 0.5
SAIA-MW2A	07/11/2016	Shallow Gaspur	Primary	< 2.5	**120**	**1300**	**6.4**	**85**	< 2.5	**5.5**	< 2.5	< 2.5	< 2.5	**5.3**	< 2.5
SAIA-MW2B	03/27/2014	Intermediate Gaspur	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
SAIA-MW2B	08/25/2014	Intermediate Gaspur	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
SAIA-MW2B	07/11/2016	Intermediate Gaspur	Primary	< 0.5	**0.57**	**10**	< 0.5	**1.5**	< 0.5	< 0.5	**0.81**	< 0.5	< 0.5	< 0.5	< 0.5
SAIA-MW2C	03/27/2014	Lower Gaspur	Primary	< 2	**260 J**	**360**	**4.7**	**28**	< 2	**3**	**32**	**6.1**	**0.19**	**14**	< 2
SAIA-MW2C	08/25/2014	Lower Gaspur	Primary	< 0.5	**200**	**370**	**5.2**	**33**	**3.3**	**2.8**	**34**	**4.7**	< 0.5	**20**	< 0.5
SAIA-MW2C	07/11/2016	Lower Gaspur	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	03/24/2014	Shallow Gaspur	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
SAIA-MW3A	08/26/2014	Shallow Gaspur	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
SAIA-MW3A	07/13/2016	Shallow Gaspur	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

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

Well ID	Sample Date	Aquifer	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-MW3B	03/24/2014	Intermediate Gaspur	Primary	< 25	**6700 J**	**7000**	**18 J**	**120**	< 25	**49**	< 25	< 25	< 25	**110**	< 25
SAIA-MW3B	08/26/2014	Intermediate Gaspur	Primary	< 0.5	**6600**	**9100**	**20**	**230 J**	**47**	**72**	**2.1**	**1.5**	< 0.5	**86**	< 0.5
SAIA-MW3B	07/13/2016	Intermediate Gaspur	Primary	< 25	**3500**	**4600**	< 25	**340**	< 25	**23 J**	< 25	< 25	< 25	**3.9**	< 25
SAIA-MW3C	03/24/2014	Lower Gaspur	Primary	< 0.5	**2.1**	**38**	< 0.5	**2.5**	< 0.5	**0.2**	**1.8**	< 0.5	**0.23**	**1.5**	< 0.5
SAIA-MW3C	03/24/2014	Lower Gaspur	Duplicate	< 0.5	**2**	**37**	< 0.5	**2.5**	< 0.5	**0.2**	**1.6**	< 0.5	**0.25**	**1.6**	< 0.5
SAIA-MW3C	08/26/2014	Lower Gaspur	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
SAIA-MW3C	07/13/2016	Lower Gaspur	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	03/25/2014	Shallow Gaspur	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
SAIA-MW4A	08/26/2014	Shallow Gaspur	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
SAIA-MW4A	07/22/2016	Shallow Gaspur	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	03/25/2014	Intermediate Gaspur	Primary	< 25	**790**	**4200**	< 25	**130**	< 25	**15 J**	< 25	< 25	< 25	**58**	< 25
SAIA-MW4B	08/26/2014	Intermediate Gaspur	Primary	< 0.5	**150 J**	**4800**	**6.6**	**180 J**	**6.5**	**18**	**0.72**	**0.55**	< 0.5	**60**	< 0.5
SAIA-MW4B	08/26/2014	Intermediate Gaspur	Duplicate	< 0.5	**150 J**	**4800**	**6.6**	**180 J**	**6.5**	**18**	**0.69**	**0.55**	< 0.5	**59**	< 0.5
SAIA-MW4B	07/22/2016	Intermediate Gaspur	Primary	< 10	**6.6 J**	**4200**	< 10	**210**	< 10	**16**	< 10	< 10	< 10	**62 J**	< 10
SAIA-MW4C	03/25/2014	Lower Gaspur	Primary	< 10	**3.9 J**	**910**	< 10	**53**	< 10	**3.6 J**	< 10	< 10	< 10	**14**	< 10
SAIA-MW4C	08/26/2014	Lower Gaspur	Primary	< 0.5	**3.4**	**910**	**1.3**	**73**	**11**	**4.1**	**2.1**	**0.19 J**	**0.3 J**	**11**	< 0.5
SAIA-MW4C	07/22/2016	Lower Gaspur	Primary	< 2.5	**2.7**	**870**	< 2.5	**120**	**45**	**5.9**	**2 J**	< 2.5	< 2.5	**7.7**	< 2.5
SAIA-MW5A	03/25/2014	Shallow Gaspur	Primary	< 5	**1.8 J**	**530**	< 5	**21**	< 5	< 5	< 5	< 5	< 5	**2.4**	< 5
SAIA-MW5A	08/27/2014	Shallow Gaspur	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
SAIA-MW5A	07/20/2016	Shallow Gaspur	Primary	< 0.5	**1.3**	**210**	< 0.5	**19**	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	**1**	< 0.5
SAIA-MW5A	07/20/2016	Shallow Gaspur	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	03/25/2014	Intermediate Gaspur	Primary	< 25	**380**	**3100**	< 25	**98**	< 25	< 25	< 25	< 25	< 25	**16**	< 25
SAIA-MW5B	08/27/2014	Intermediate Gaspur	Primary	< 0.5	**99 J**	**3600**	**5.5**	**120 J**	**4.5**	**9.5**	**0.52**	**0.36 J**	< 0.5	**23**	< 0.5
SAIA-MW5B	07/21/2016	Intermediate Gaspur	Primary	< 2.5	**3**	**2100**	< 2.5	**79**	**20**	**6.5**	< 2.5	< 2.5	< 2.5	**30 J**	< 2.5
SAIA-MW5C	03/25/2014	Lower Gaspur	Primary	< 4	**6.5**	**300**	< 4	**21**	< 4	< 4	**2 J**	< 4	< 4	**3.4**	< 4
SAIA-MW5C	08/27/2014	Lower Gaspur	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
SAIA-MW5C	07/21/2016	Lower Gaspur	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	03/24/2014	Shallow Gaspur	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
SAIA-MW6A	08/27/2014	Shallow Gaspur	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
SAIA-MW6A	07/20/2016	Shallow Gaspur	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	03/24/2014	Intermediate Gaspur	Primary	< 0.5	**3.7**	**13**	< 0.5	**3.9**	< 0.5	< 0.5	**0.12**	< 0.5	< 0.5	< 0.5	< 0.5
SAIA-MW6B	08/27/2014	Intermediate Gaspur	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
SAIA-MW6B	07/20/2016	Intermediate Gaspur	Primary	< 0.5	**2.7**	**14**	< 0.5	**3.7**	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
SAIA-MW6C	03/24/2014	Lower Gaspur	Primary	< 0.5	**2**	**17**	< 0.5	**2.3**	< 0.5	< 0.5	**0.2**	< 0.5	< 0.5	**0.52**	< 0.5
SAIA-MW6C	08/27/2014	Lower Gaspur	Primary	< 0.5	**2.4**	**21**	< 0.5	**2.8**	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	**0.52**	< 0.5
SAIA-MW6C	07/20/2016	Lower Gaspur	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	03/27/2014	Exposition	Primary	< 0.5	**24 J**	**16**	< 0.5	**1.1**	< 0.5	**0.3**	**0.96**	< 0.5	< 0.5	**1.9**	< 0.5
SAIA-MW7	03/27/2014	Exposition	Duplicate	< 0.5	**22 J**	**17**	< 0.5	**1.1**	< 0.5	**0.37**	**1.1**	< 0.5	< 0.5	**2**	< 0.5
SAIA-MW7	08/25/2014	Exposition	Primary	< 0.5	**22**	**57**	**0.65**	**2.5**	**1.3**	**0.67**	**1.6**	**0.14 J**	< 0.5	**3.6**	< 0.5
SAIA-MW7	07/11/2016	Exposition	Primary	< 0.5	**19**	**73**	< 0.5	**4.8**	< 0.5	**0.84**	**2.9**	< 0.5	< 0.5	**7.9**	< 0.5

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

Well ID	Sample Date	Aquifer	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-MW8	03/24/2014	Exposition	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
SAIA-MW8	08/25/2014	Exposition	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
SAIA-MW8	07/21/2016	Exposition	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

APPENDIX A-4

COOPER DRUM SITE GROUNDWATER CONTOURS, CONTAMINANT MAPS, AND SOIL DATA TABLE, 1996 THROUGH 2010

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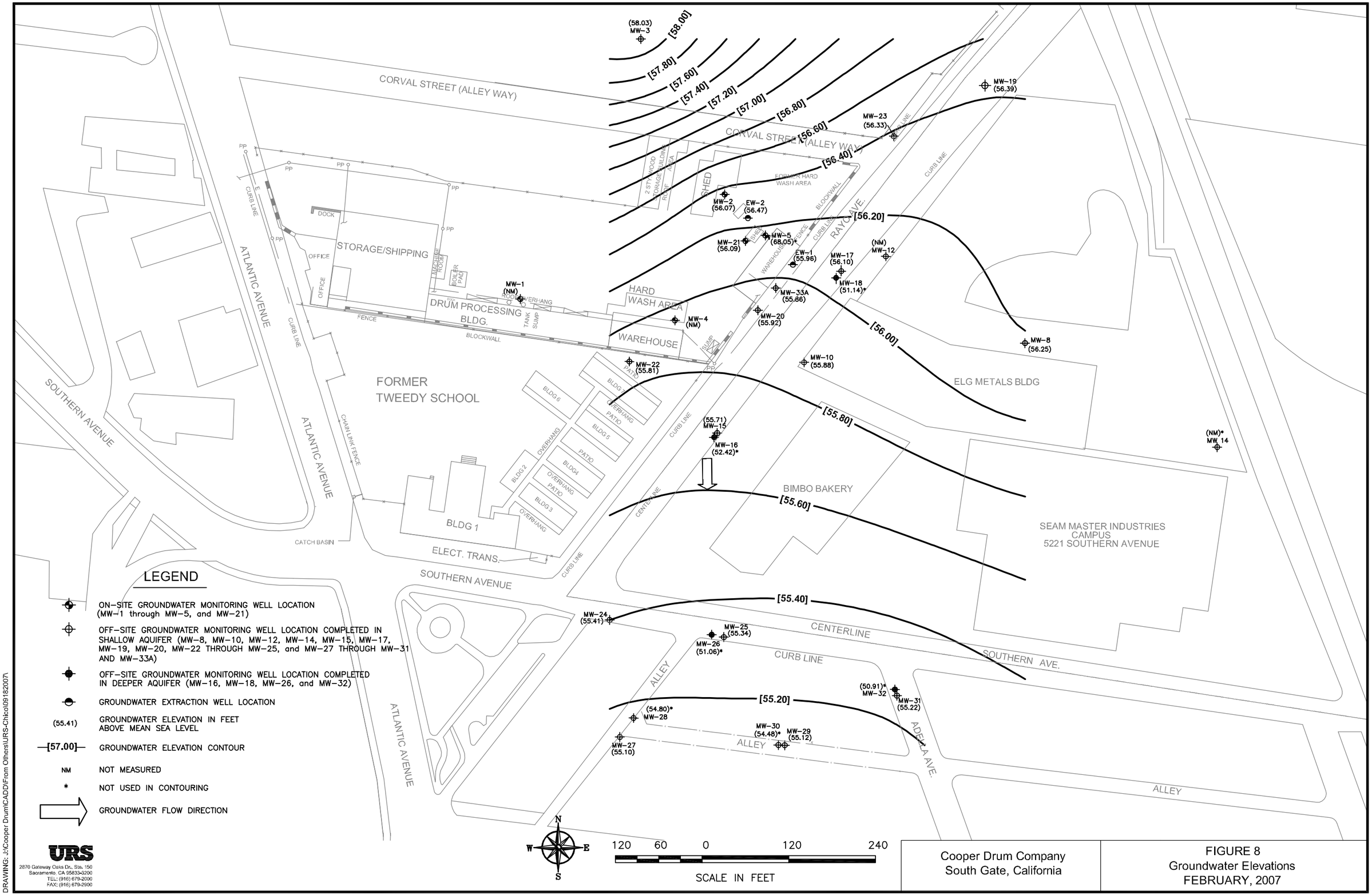

LEGEND

- ON-SITE GROUNDWATER MONITORING WELL LOCATION (MW-1 through MW-5, and MW-21)
- OFF-SITE GROUNDWATER MONITORING WELL LOCATION COMPLETED IN SHALLOW AQUIFER (MW-8, MW-10, MW-12, MW-14, MW-15, MW-17, MW-19, MW-20, MW-22 THROUGH MW-25, and MW-27 THROUGH MW-31 AND MW-33A)
- OFF-SITE GROUNDWATER MONITORING WELL LOCATION COMPLETED IN DEEPER AQUIFER (MW-16, MW-18, MW-26, and MW-32)
- GROUNDWATER EXTRACTION WELL LOCATION
- (55.41) GROUNDWATER ELEVATION IN FEET ABOVE MEAN SEA LEVEL
- [57.00] GROUNDWATER ELEVATION CONTOUR
- NM NOT MEASURED
- * NOT USED IN CONTOURING
- GROUNDWATER FLOW DIRECTION

URS
2870 Gateway Oaks Dr., Ste. 150
Sacramento, CA 95833-3200
TEL: (916) 679-2000
FAX: (916) 679-2900

Cooper Drum Company
South Gate, California

FIGURE 8
Groundwater Elevations
FEBRUARY, 2007

PLOT BY: DAVID_LARSON - Sep 18, 2007 - 10:51:09am
XREFS: \\20070404\NEW-BACKGRD2.dwg IMAGES: cooper drum.jpg
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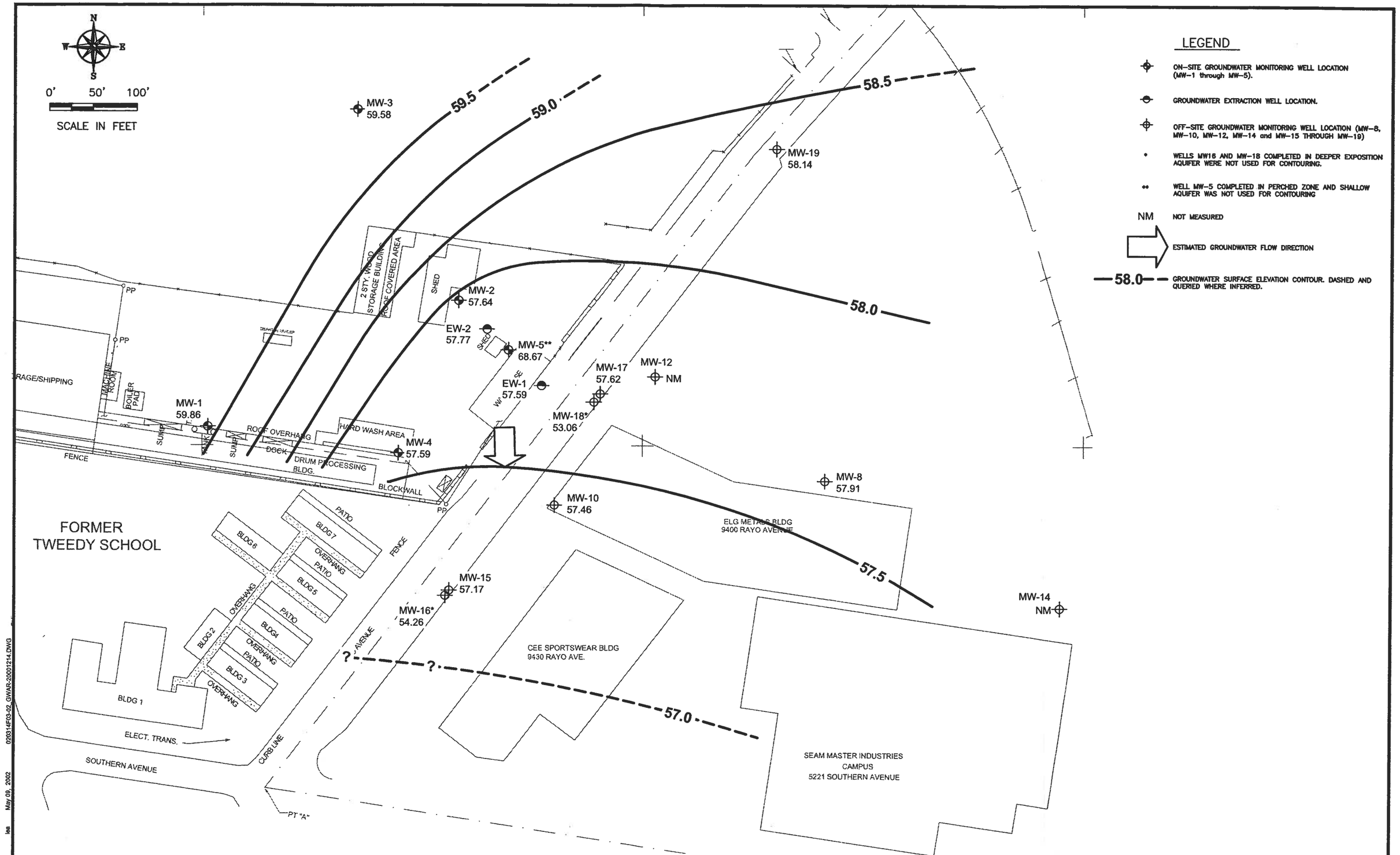
DRAWING: J:\Cooper Drum\CADD\From Others\URS-Chico\09182007\



Cooper Drum Company
South Gate, California

FIGURE 3-2
Groundwater Elevations
December 14, 2000

Sample Point	Depth feet-bgs	TCE	DCE12C	DCE11
CPT-13 (OCT.2000)	62	42	30	0.3J
	73	<1	0.4J	<0.5
	92	<0.5	<0.5	<0.5
	130	<0.5	<0.5	<0.5

Sample Point	Depth feet-bgs	TCE	DCE12C	DCE11
CPT-15 (OCT.2000)	62	<0.5	0.9	<0.5
	80	49	86	2
	100	9	20	<0.5
	130	<0.5	<0.5	<0.5

Sample Point	Depth feet-bgs	TCE	DCE12C	DCE11
SB-5 (OCT.1998)	63	<1	<1	<1
	63 (dupl.)	<1	<1	<1
	82.5	<1	<1	<1
	82.5 (dupl.)	<1	<1	<1
	102	<1	3.6	<1
	131	<1	<1	<1
	131 (dupl.)	<1	<1	<1
	151	<1	<1	<1
	181	<1	<1	<1
	201	<1	<1	<1

Sample Point	Depth feet-bgs	TCE	DCE12C	DCE11
CPT-14 (OCT.2000)	62	<0.5	<0.5J	<0.5
	90	25	.8	<0.5
	117	0.3J	<0.5	<0.5
	137	1	<1	<0.5

Sample Point	Depth feet-bgs	TCE	DCE12C	DCE11
SB-2 (OCT.1998)	62	<1	<1	<1
	82	<1	<1	<1
	90	<1	5.7	<1
	100	3.2	9.7	<1
	130	<1	<1	<1
	140	<1	<1	<1
	160	<1	<1	<1
	191	<1	<1	<1

Sample Point	Depth feet-bgs	TCE	DCE12C	DCE11
SB-6 (OCT./NOV.1996)	76	<1	<1	<1
	76 (dup)	<1	<1	<1
	90	2	0.4	<1
	90 (dup)	3	0.4	<1
	105	<1	<1	<1
	115	<1	<1	<1
	120	<1	<1	<1
	131	<1	<1	<1
	165	<1	<1	<1
	205	<1	<1	<1

Sample Point	Depth feet-bgs	TCE	DCE12C	DCE11
SB-7 (OCT./NOV.1996)	70	<1	<1	<1
	70 (dup)	<1	<1	<1
	80	<1	<1	<1
	80 (dup)	<1	<1	<1
	70 (dup)	<1	<1	<1
	90	39	2	0.2J
	100	43	2	0.2J
	120	<1	<1	<1
	130	<1	<1	<1
	140	<1	<1	<1
	160	<1	<1	<1

Sample Point	Depth feet-bgs	TCE	DCE12C	DCE11
CPT-5 (MAR.1999)	65	<1	<1	<1
	81	<1	<1	<1
	96	14	<1	<1
	116	<1	<1	<1

Sample Point	Depth feet-bgs	TCE	DCE12C	DCE11
CPT-6 (MAR.1999)	63	<1	<1	<1
	78	<1	<1	<1
	78 (dupl.)	<1	<1	<1
	95	<1	<1	<1
	111	<1	<1	<1

Sample Point	Depth feet-bgs	TCE	DCE12C	DCE11
CPT-23 (NOV.2000)	67	0.8J	0.9J	<1
	82	46	43	0.6J
	102	23	25	<1
	120	<1	<1	<1

Sample Point	Depth feet-bgs	TCE	DCE12C	DCE11
CPT-2 (NOV.1998)	67	16	3	<1
	82	<1	<1	<1
	98	2	<1	<1

Sample Point	Depth feet-bgs	TCE	DCE12C	DCE11
SB-4 (OCT.1998)	92	2.2	2.9	<1
	102	1.9	1.7	<1
	117	<1	<1	<1
	117 (dupl.)	<1	<1	<1
	142	<1	<1	<1
	162	<1	<1	<1
	192	<1	<1	<1
SB-4A (OCT.1998)	66	100	130	4
	66 (dupl.)	130	160	5.3
	83	<1	<1	<1

Sample Point	Depth feet-bgs	TCE	DCE12C	DCE11
CPT-4 (NOV.1998)	61	220	270	2
	74	<1	<1	<1
	96	<1	<1	<1

Sample Point	Depth feet-bgs	TCE	DCE12C	DCE11
SB-3 (SEPT.1998)	62	8.1	7.4	<1
	82	<1	<1	<1
	103	<1	<1	<1
	132	<1	<1	<1
	151	<1	<1	<1

Sample Point	Depth feet-bgs	TCE	DCE12C	DCE11
CPT-22 (NOV.2000)	68	350	200	6
	78	<1	<1	<1
	92	<1	<1	<1
	116	<1	<1	<1

Sample Point	Depth feet-bgs	TCE	DCE12C	DCE11
CPT-12 (OCT.2000)	62	50	12	0.7
	73	4,400	25	11
	99	<0.5	<0.5	<0.5
	125	1J	<0.5	<0.5

Sample Point	Depth feet-bgs	TCE	DCE12C	DCE11
CPT-7 (MAR.1999)	64	9	5	<1
	81	46	<1	<1
	97	<1	<1	<1
	97 (dupl.)	<1	<1	<1
	116	100	4	4

Sample Point	Depth feet-bgs	TCE	DCE12C	DCE11
CPT-11 (OCT.2000)	62	31	28	2
	73	280	3	1
	88	<0.5	<0.5	<0.5
	105	<0.5	<0.5	<0.5
	123	1J	<0.5	<0.5

Sample Point	Depth feet-bgs	TCE	DCE12C	DCE11
CPT-3 (NOV.1998)	61	20	13	<1
	78	<1	<1	<1
	78 (dupl.)	<1	<1	<1
	97	22	<1	<1

Sample Point	Depth feet-bgs	TCE	DCE12C	DCE11
SB-1 (OCT.1998)	63	2,000	97	9.4
	63 (dupl.)	2,000	99	11
	83	15	2.9	<1
	103	1.5	2.4	<1
	132	<1	<1	<1
	142	<1	<1	<1

Sample Point	Depth feet-bgs	TCE	DCE12C	DCE11
CPT-1 (NOV.2000)	67	120	17	1
	84	4	<1	<1
	97	3	<1	<1

Sample Point	Depth feet-bgs	TCE	DCE12C	DCE11
CPT-18 (OCT.2000)	67	25	11	<0.5
	85	6	.5J	<0.5
	100	320	14J	<25
	120	0.5J	<0.5	<0.5
	138	0.5J	<0.5	<0.5

Sample Point	Depth feet-bgs	TCE	DCE12C	DCE11
CPT-17 (OCT.2000)	63	58	27	0.4J
	80	120	10	0.5
	97	390	16	2
	122	12	2	<0.5

Sample Point	Depth feet-bgs	TCE	DCE12C	DCE11
CPT-20 (OCT.2000)	64	24	9	<0.5
	80	51	14	<3
	97	5	3	<0.5
	118	22	14	<1

Sample Point	Depth feet-bgs	TCE	DCE12C	DCE11
CPT-8 (MAR.2000)	65	21	240	<1
	80	18	2	<1
	96	90	8	<1
	107	2	2	<1

Sample Point	Depth feet-bgs	TCE	DCE12C	DCE11
CPT-21 (OCT.2000)	63	8,000	4900	<250
	87	11,000	4900	<250
	100	12	8	<0.5
	120	1	1	<0.5
	140	1	1	<0.5

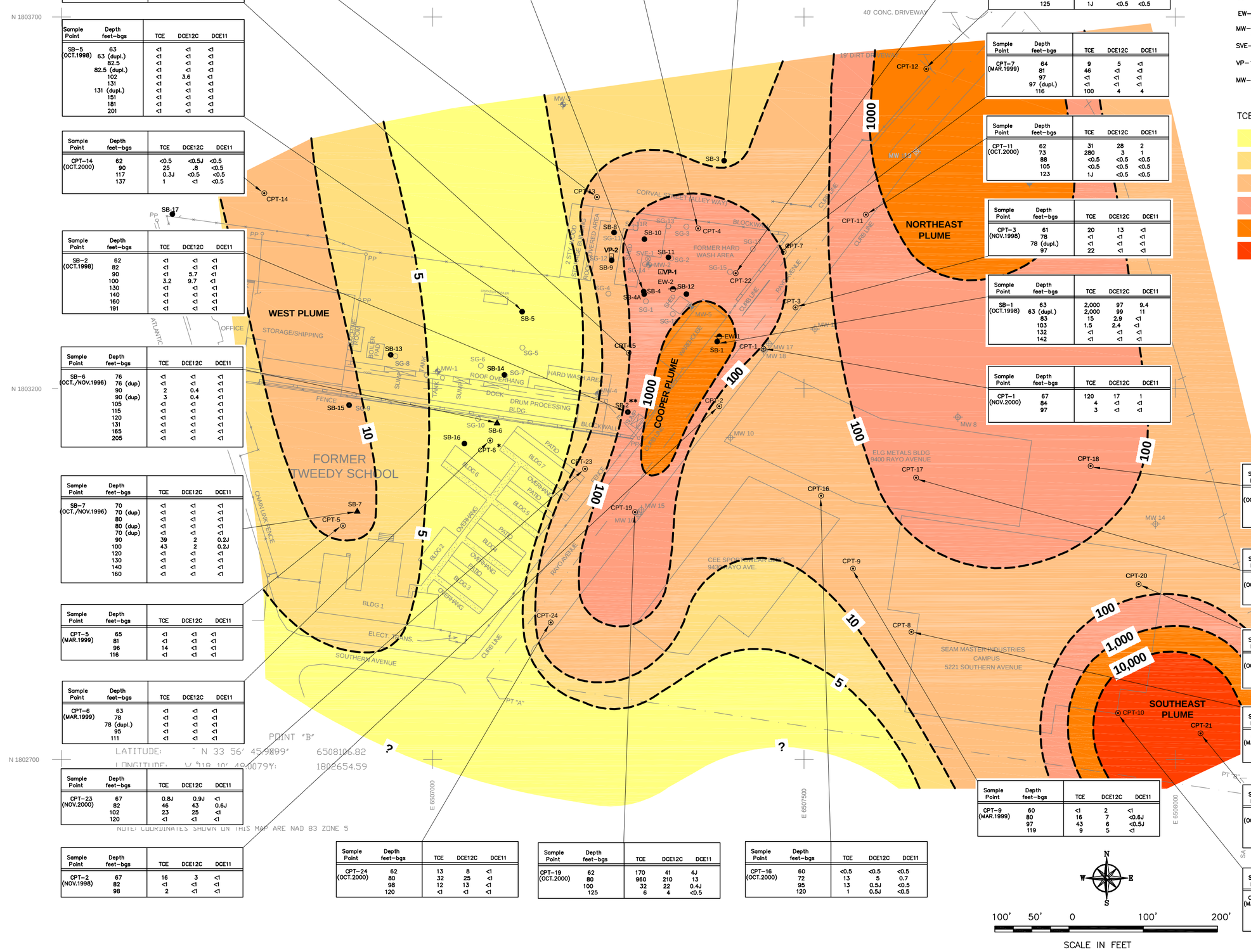
Sample Point	Depth feet-bgs	TCE	DCE12C	DCE11
CPT-10 (MAR.1999)	65	16,000	4,500	7
	85	5	12	<1
	102	38	31	<1
	102(dupl.)	80	80	<1
	120	2	2	<1

Sample Point	Depth feet-bgs	TCE	DCE12C	DCE11
CPT-9 (MAR.1999)	60	<1	2	<1
	80	16	7	<0.6J
	97	43	6	<0.5J
	119	9	5	<1

Sample Point	Depth feet-bgs	TCE	DCE12C	DCE11
CPT-24 (OCT.2000)	62	13	8	<1
	80	32	25	<1
	98	12	13	<1
	120	<1	<1	<1

Sample Point	Depth feet-bgs	TCE	DCE12C	DCE11
CPT-19 (OCT.2000)	62	170	41	4J
	80	960	210	13
	100	32	22	0.4J
	125	6	4	<0.5

Sample Point	Depth feet-bgs	TCE	DCE12C	DCE11
CPT-16 (OCT.2000)	60	<0.5	<0.5	<0.5
	72	13	5	0.7
	95	13	0.5J	<0.5
	120	1	0.5J	<0.5



LEGEND

- SB6 ▲ BECHTEL SOIL BORING LOCATION AND DEPTH DISCRETE GROUNDWATER SAMPLING LOCATION (SB06 and SB07) DRILLED NOVEMBER 1996.
- SB-1 ● SOIL BORING LOCATION AND DEPTH DISCRETE GROUNDWATER SAMPLING LOCATION (SB-1 through SB-5 AND SB-8 THROUGH SB17).
- CPT-1 ⊙ CONE PENETROMETER TESTING LOCATION AND DEPTH DISCRETE GROUNDWATER SAMPLING LOCATION (CPT-1 through CPT-24).
- MW-1 ON-SITE GROUNDWATER MONITORING WELL LOCATION (MW-1 through MW-5).
- SG-1 ○ SOIL-GAS SAMPLE LOCATION (SG-1 through SG-15).
- EW-1 GROUNDWATER EXTRACTION WELL LOCATION.
- MW-8 OFF-SITE GROUNDWATER MONITORING WELL LOCATION (MW-8, MW-10, MW-12, and MW-14 THROUGH MW-19).
- SVE-1 ⊗ SOIL VAPOR EXTRACTION WELL
- VP-1 ⊡ SOIL VAPOR MONITORING POINT
- MW-11 ✦ ABANDONED GROUNDWATER MONITORING WELL LOCATION

TCE

- > 1 ug/L – < 5 ug/L
- > 5 ug/L – < 10 ug/L
- > 10 ug/L – < 100 ug/L
- > 100 ug/L – < 1,000 ug/L
- > 1,000 ug/L – < 10,000 ug/L
- > 10,000 ug/L

TCE	Trichloroethene
DCE12C	cis-1,2-Dichloroethene
DCE11	1,1-Dichloroethene
ug/L	Microgram per Liter (parts per billion – ppb)
bgs	Below Ground Surface
N	Tenatively Identified
J	Estimated Value

* TCE WAS NOT DETECTED; HOWEVER LOW CONCENTRATIONS (<5 UG/L) OF OTHER VOCS WERE REPORTED

** ANNOMALOUSLY LOW TCE CONCENTRATION NOT CONSIDERED IN CREATING CONTOUR

N W E S

100' 50' 0 100' 200'

SCALE IN FEET

URS
2520 VENTURE OAKS WAY, SUITE 250
SACRAMENTO, CA 95833-3200

Cooper Drum Company
South Gate, California

FIGURE 4-7
Depth Discrete
Groundwater Sample VOC Analytical Results

Cooper 0203314F04-07 VOCSWD.DWG Oct 29, 2007 lea

Table 2-1

PREVIOUS ONSITE SOIL DATA SUMMARY

COMPOUND	MIN. CONC. (mg/kg)	MAX. CONC. (mg/kg)	# SAMPLES ANALYZED	# SAMPLES IN WHICH DETECTED	FREQUENCY DETECTED (%)	ACTION LEVELS RESIDENTIAL PRG (mg/kg)	ACTION LEVELS INDUSTRIAL PRG (mg/kg)	MAXIMUM CONCENTRATION > RESIDENTIAL PRG	MAXIMUM CONCENTRATION > INDUSTRIAL PRG
Volatile Organic Compounds									
1,1,1-Trichloroethane	0.002	13.4	98	9	9	3,000	3,000	No	No
1,1,2-Trichloroethane	0.012	0.072	97	2	2	1.4	3.3	No	No
1,1-Dichloroethane	0.003	0.042	97	9	9	842	3,000	No	No
1,1-Dichloroethene	0.007	1.81	97	3	3	0.038	0.082	**Yes**	**Yes**
1,2-Dichloroethane	0.007	0.071	97	4	4	0.44	0.98	No	No
cis-1,2-Dichloroethene	0.0013	0.19	14	3	21	59	200	No	No
1,2-Dichloroethene (Total)	0.019	0.019	6	1	17	75	270	No	No
1,2-Dichloropropane	0.005	0.026	97	2	2	0.68	1.5	No	No
2-Butanone (MEK)	0.003	23.38	97	53	55	8,700	34,000	No	No
2-Hexanone (MIBK)	1.1	5.295	97	3	3	5,200	54,000	No	No
2-Propanol	0.899	10.1	24	7	29	NL	NL	NL	NL
4-Methyl-2-pentanone	0.002	8.9	98	29	30	NL	NL	NL	NL
Acetone	0.021	76.6	98	60	61	2,000	8,400	No	No
Benzene	0.024	1.28	97	2	2	1.4	3.2	No	No
Carbon Disulfide	4.875	4.875	97	1	1	16	52	No	No
Chlorobenzene	0.3	0.955	98	3	3	160	570	No	No
Chloroform	0.003	0.8	97	3	3	0.53	1.1	**Yes**	No
Ethanol	0.83	1.633	2	2	100	NL	NL	NL	NL
Ethylbenzene	0.008	9.1	98	8	8	690	690	No	No
Hexane	5.81	5.81	1	1	100	290	340	No	No
Methyl Cyclopentane	3.26	3.26	1	1	100	NL	NL	NL	NL
Methylene Chloride	0.015	6.8	98	8	8	11	25	No	No
o-Xylene	0.006	2.05	5	5	100	990	990	No	No
Pentane	0.01	2.64	4	4	100	NL	NL	NL	NL
Styrene	2.035	3.126	97	2	2	2,200	2,200	No	No
Tetrachloroethene	0.007	1,586.5	112	53	47	7	25	**Yes**	**Yes**

Table 2-1

PREVIOUS ONSITE SOIL DATA SUMMARY

COMPOUND	MIN. CONC. (mg/kg)	MAX. CONC. (mg/kg)	# SAMPLES ANALYZED	# SAMPLES IN WHICH DETECTED	FREQUENCY DETECTED (%)	ACTION LEVELS RESIDENTIAL PRG (mg/kg)	ACTION LEVELS INDUSTRIAL PRG (mg/kg)	MAXIMUM CONCENTRATION > RESIDENTIAL PRG	MAXIMUM CONCENTRATION > INDUSTRIAL PRG
Volatile Organic Compounds (cont'd)									
Toluene	0.003	2.94	99	17	17	1,900	2,800	No	No
Trichloroethane (total)	0.059	18	16	3	19	1.4	3.3	**Yes**	**Yes**
Trichloroethene	0.0012	36.4	112	21	19	7.1	17	**Yes**	**Yes**
Vinyl Acetate	5.69	5.69	97	1	1	65,000	100,000	No	No
Semi-Volatile Organic Compounds									
2,4-Dimethylphenol	1.45	1.45	53	1	2	1,300	14,000	No	No
2-Methylnaphthalene	9.77	9.77	53	1	2	NL	NL	NL	NL
2-Methylphenol	0.467	14.09	53	17	32	3,300	34,000	No	No
4-Methylphenol	0.384	4.59	53	15	28	330	3,400	No	No
Benzoic acid	2.26	5.45	53	2	4	100,000	100,000	No	No
bis (2-Chloroethyl) ether	5.31	5.31	50	1	2	0.074	0.17	**Yes**	**Yes**
bis(2-Ethylhexyl)phthalate	19.8	19.8	3	1	33	32	140	No	No
Dibutyl phthalate	30	30	1	1	100	6,500	68,000	No	No
Diethyl phthalate	1.8	1.8	54	1	2	52,000	100,000	No	No
Naphthalene	0.447	3.33	54	3	6	NL	NL	NL	NL
Phenol	0.35	18.25	53	19	36	39,000	100,000	No	No
Total Xylenes	0.16	28	98	17	17	990	990	No	No
Pesticides and PCBs									
4,4'-DDE	0.0009	0.0009	16	1	6	1.3	5.6	No	No
4,4'-DDT	0.002	0.002	16	1	6	1.3	5.6	No	No
PCB-1260	0.024	31.3	29	10	34	0.066	0.34	**Yes**	**Yes**

Table 2-1

PREVIOUS ONSITE SOIL DATA SUMMARY

COMPOUND	MIN. CONC. (mg/kg)	MAX. CONC. (mg/kg)	# SAMPLES ANALYZED	# SAMPLES IN WHICH DETECTED	FREQUENCY DETECTED (%)	ACTION LEVELS RESIDENTIAL PRG (mg/kg)	ACTION LEVELS INDUSTRIAL PRG (mg/kg)	MAXIMUM CONCENTRATION > RESIDENTIAL PRG	MAXIMUM CONCENTRATION > INDUSTRIAL PRG
Metals									
Antimony	12.9	13.3	2	2	100	31	680	No	No
Arsenic	0.59	12.5	28	15	54	0.38 (ca)	2.4	**Yes**	**Yes**
Barium	85.7	190	13	13	100	5,300	100,000	No	No
Beryllium	0.46	0.98	15	15	100	0.14	1.1	**Yes**	No
Cadmium	0.46	0.84	28	3	11	38	850	No	No
Total Chromium	9.4	30	28	28	100	210	450	No	No
Copper	13.5	84.3	28	28	100	2,800	63,000	No	No
Lead	2.28	163	28	19	68	130 (CA)	1,000	**Yes**	No
Mercury	0.014	0.167	28	24	86	23 (1)	510 (1)	No	No
Nickel	7.1	166	28	28	100	150 (CA)	34,000	**Yes**	No
Silver	8.26	18	15	15	100	380	8,500	No	No
Thallium	0.11	0.16	2	2	100	5.4 (2)	120 (2)	No	No
Zinc	43.5	2,494	28	28	100	23,000	100,000	No	No
TPH									
Total Petroleum Hydrocarbons	0.045	36,000	57	21	37	NL	NL	NL	NL

Notes:

NG = Chemical listed in source, but no PRG given
NL = Chemical not listed in source
PRGs = Preliminary Remediation Goals
(ca) = Cancer endpoint
(CA) = CAL-Modified PRG
(1) = No value is listed for elemental mercury. The value for mercuric chloride is shown.
(2) = No value is listed for elemental thallium. The value for thallic oxide is shown.
Table contains analytical results from soil samples taken on Tweedy property.
Source (PRGs): USEPA, 8/1/96. Region IX Preliminary Remediation Goals (PRGs) 1996.

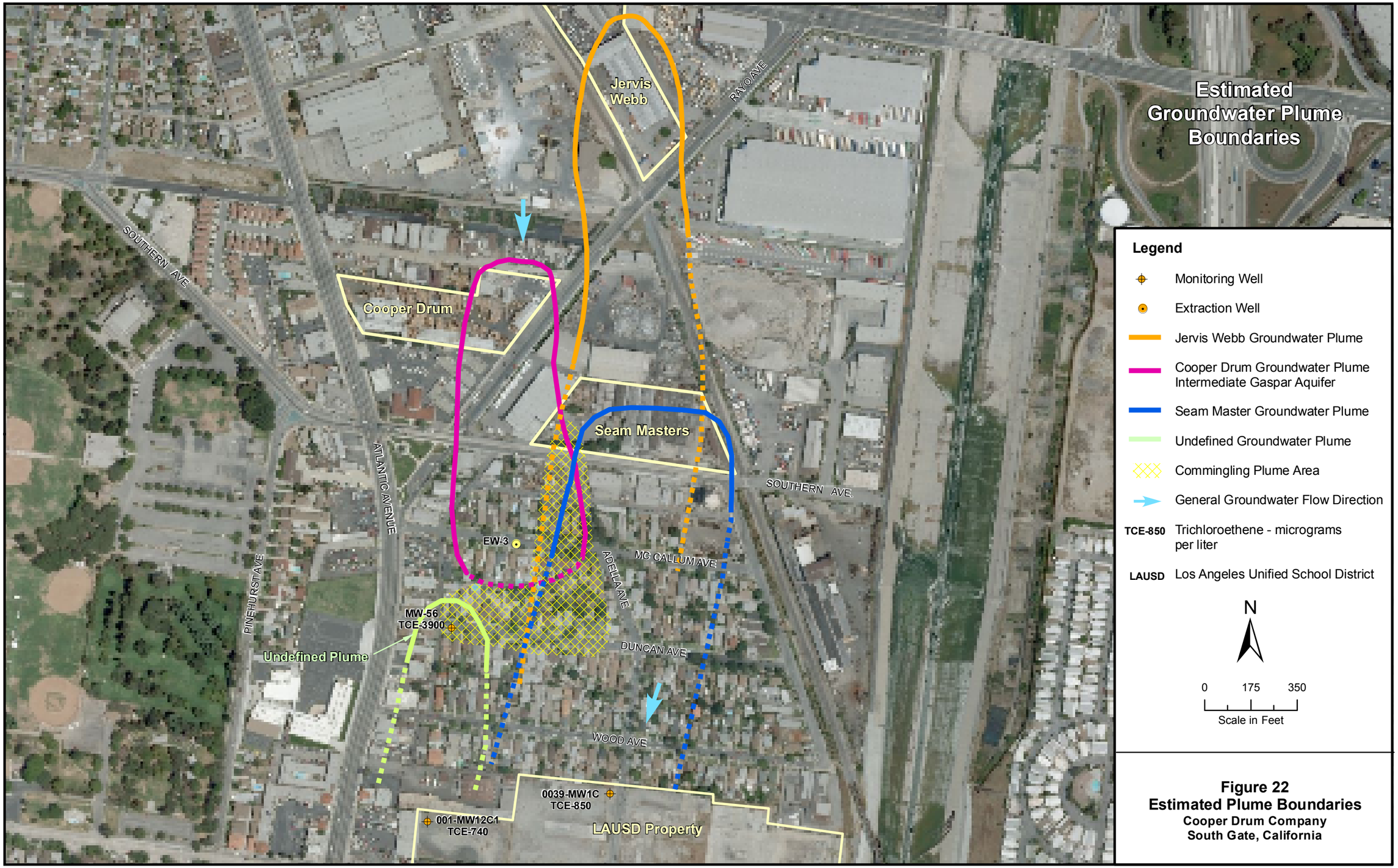


Figure 22
Estimated Plume Boundaries
Cooper Drum Company
South Gate, California

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APPENDIX A-5

SAIA SUPERFUND SITE GROUNDWATER CONTOUR MAPS, CONTAMINANT PLUME MAPS, AND SELECTED CROSS-SECTIONS, (GILBANE 2019)

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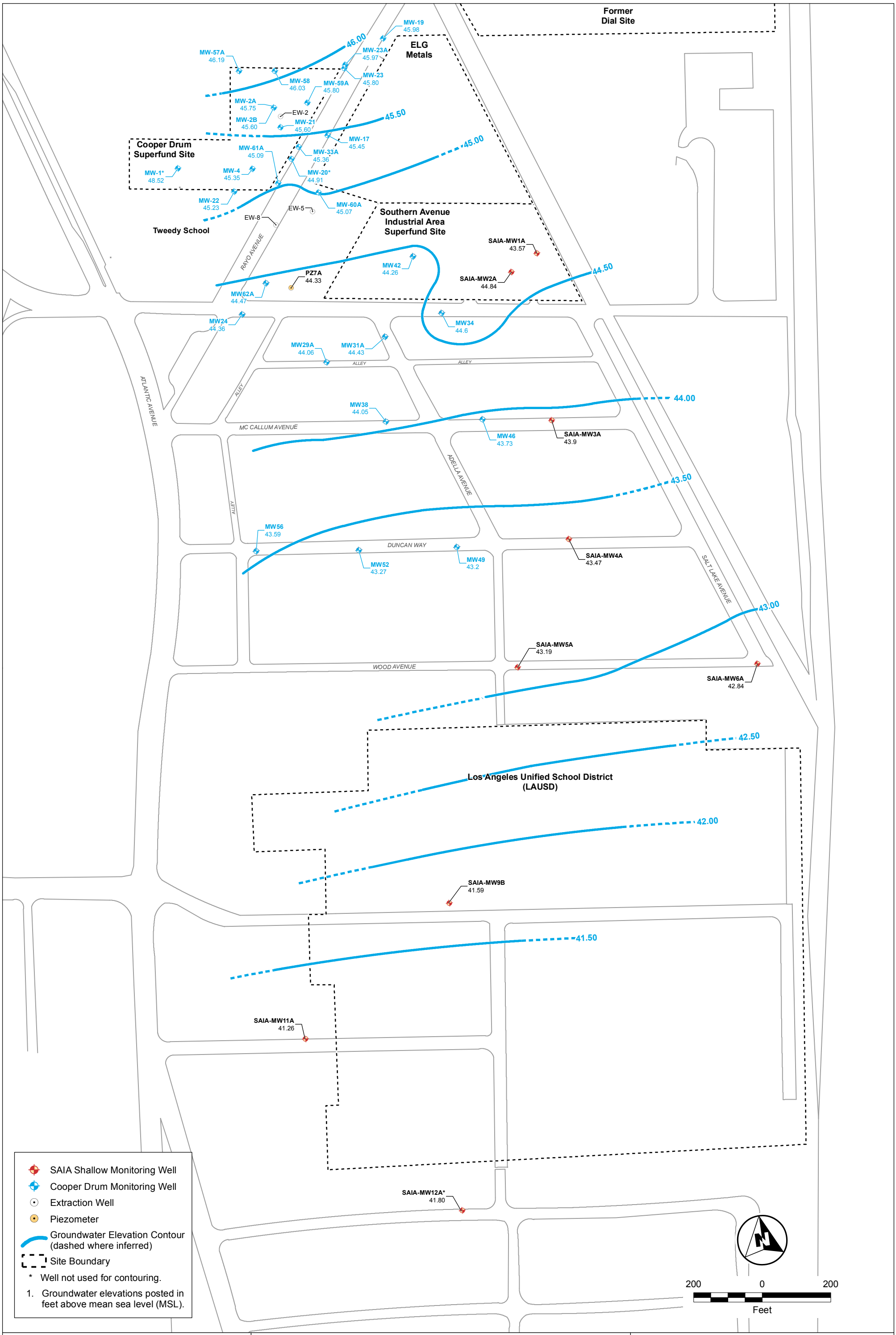

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Remedial Investigation Report
South Gate, California
US Environmental Protection Agency

Figure 3-7
Groundwater Elevation and Potentiometric Map
Shallow Gaspur Aquifer
June/July 2016

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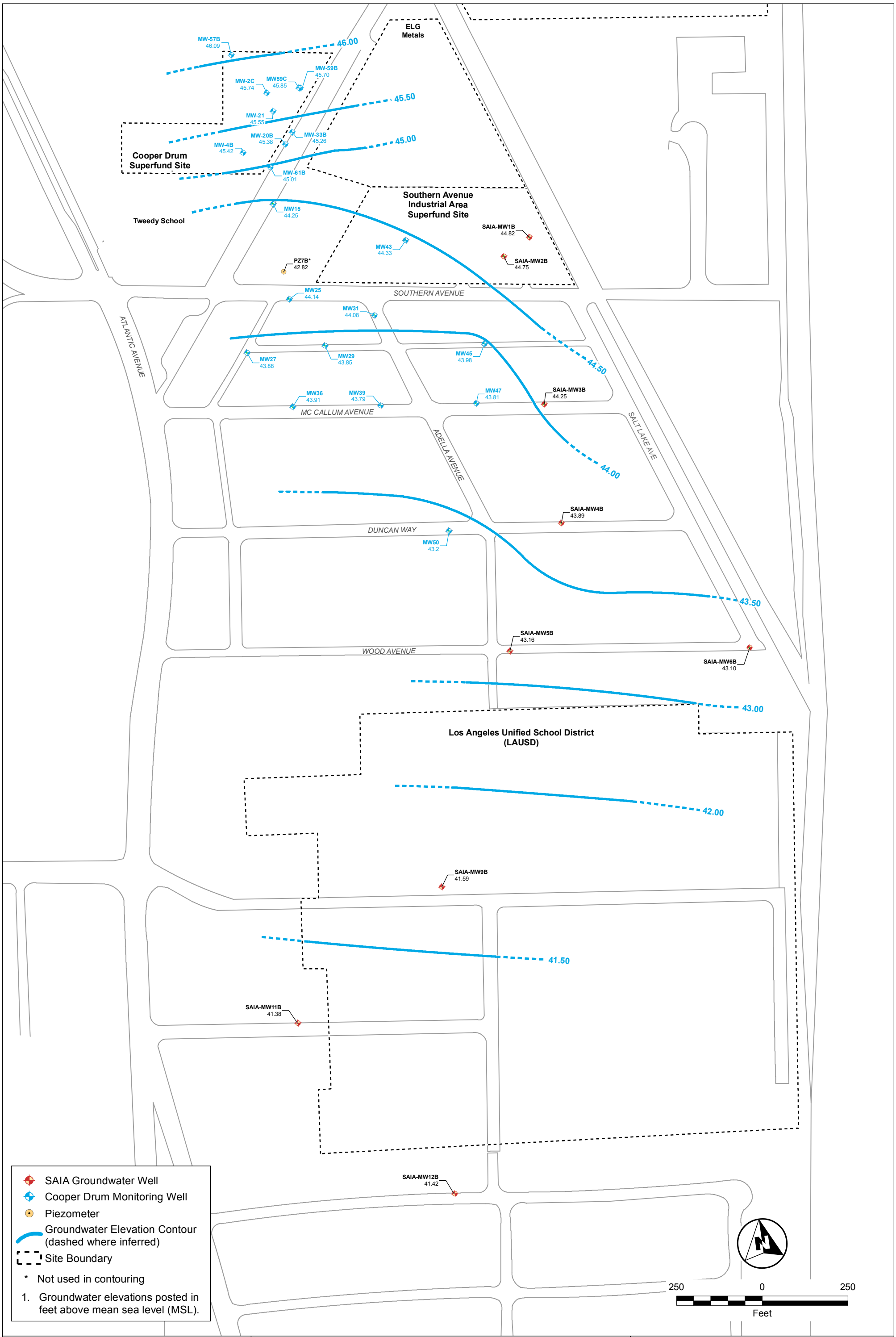

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Remedial Investigation Report
South Gate, California
US Environmental Protection Agency

Figure 3-8
Groundwater Elevation and Potentiometric Map
Intermediate Gaspur Aquifer
June/July 2016

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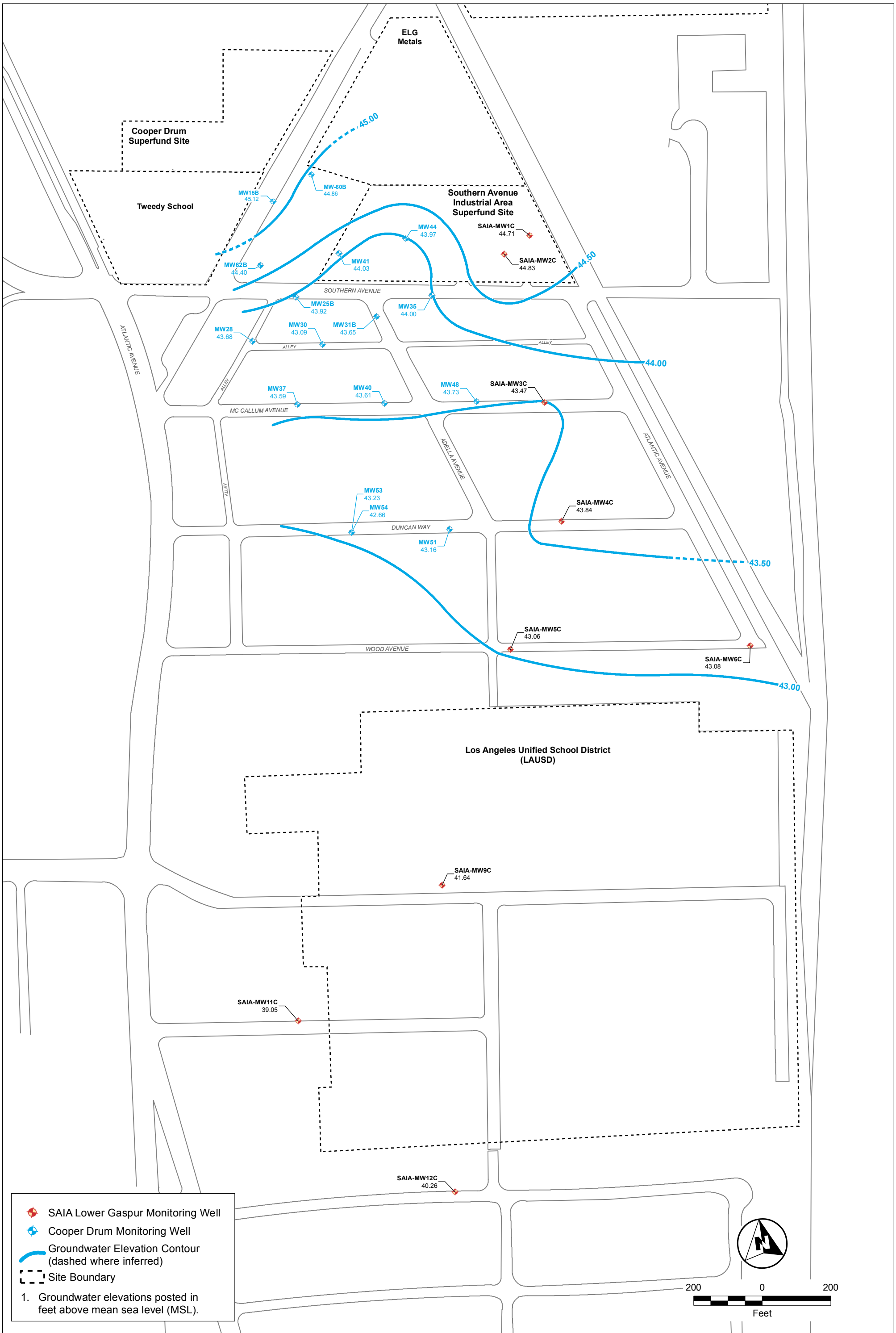

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South Gate, Los Angeles County, California
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Figure 3-9
Groundwater Elevation and Potentiometric Map
Lower Gaspur Aquifer
June/July 2016

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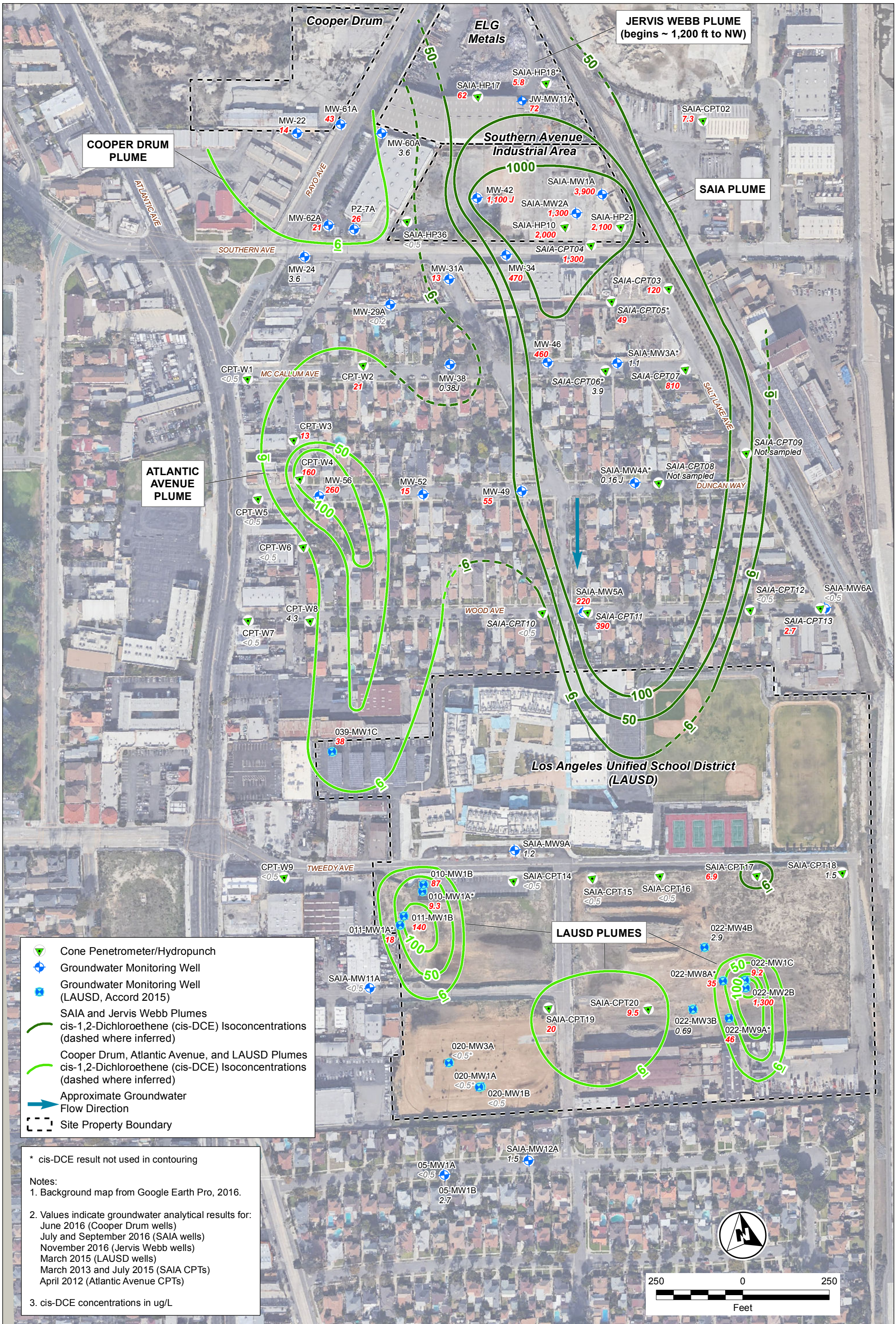

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Southern Avenue Industrial Area Superfund Site
Remedial Investigation Report
South Gate, California
U.S. Environmental Protection Agency

Figure 4-9
cis-1,2-Dichloroethene in Groundwater
Shallow Gaspur Aquifer
July/September 2016

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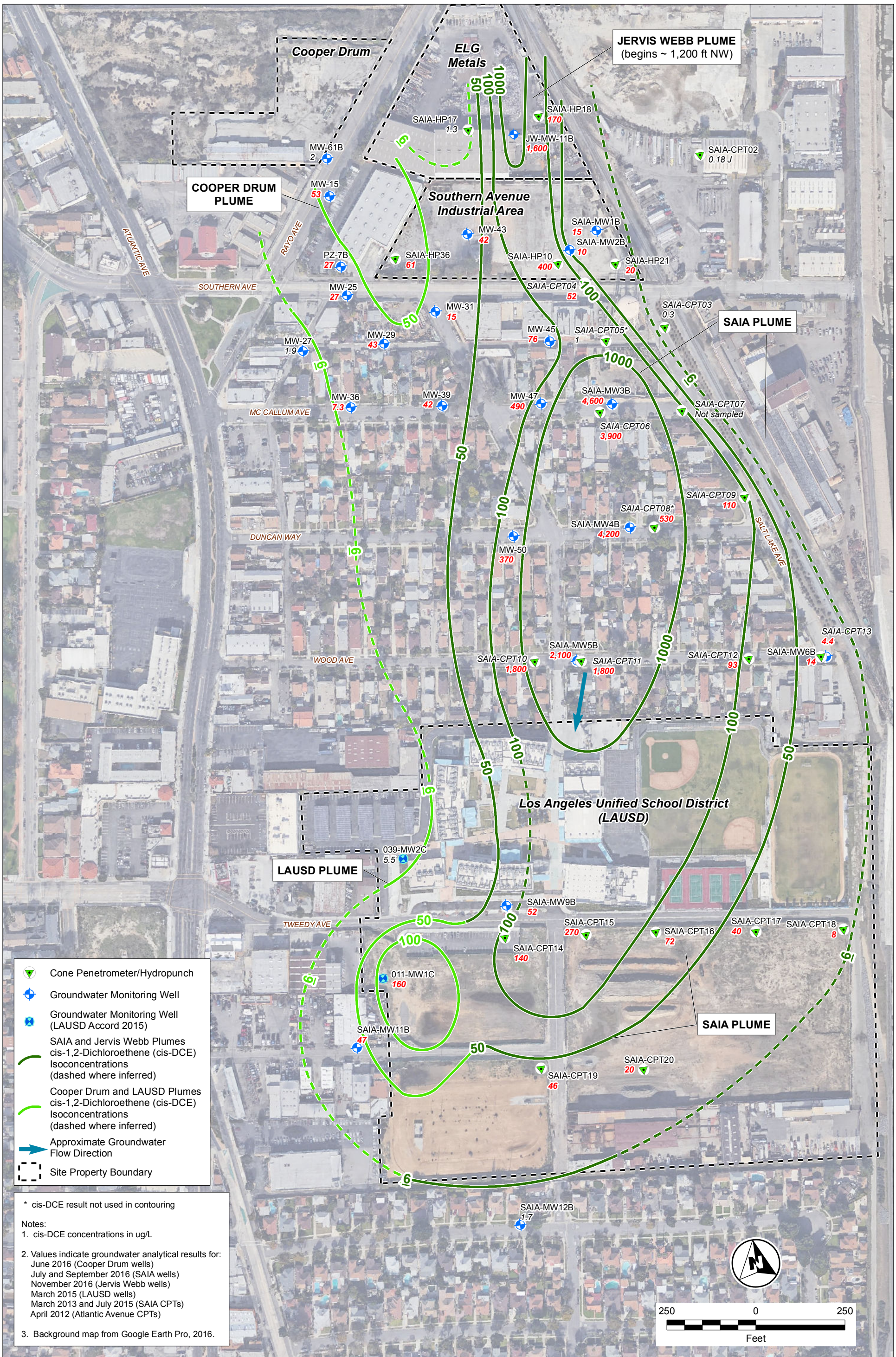

* cis-DCE result not used in contouring

Notes:
1. cis-DCE concentrations in ug/L
2. Values indicate groundwater analytical results for:
   June 2016 (Cooper Drum wells)
   July and September 2016 (SAIA wells)
   November 2016 (Jervis Webb wells)
   March 2015 (LAUSD wells)
   March 2013 and July 2015 (SAIA CPTs)
   April 2012 (Atlantic Avenue CPTs)
3. Background map from Google Earth Pro, 2016.

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Southern Avenue Industrial Area Superfund Site
Remedial Investigation Report
South Gate, California
U.S. Environmental Protection Agency

Figure 4-10
cis-1,2-Dichloroethene in Groundwater
Intermediate Gaspur Aquifer
July/September 2016

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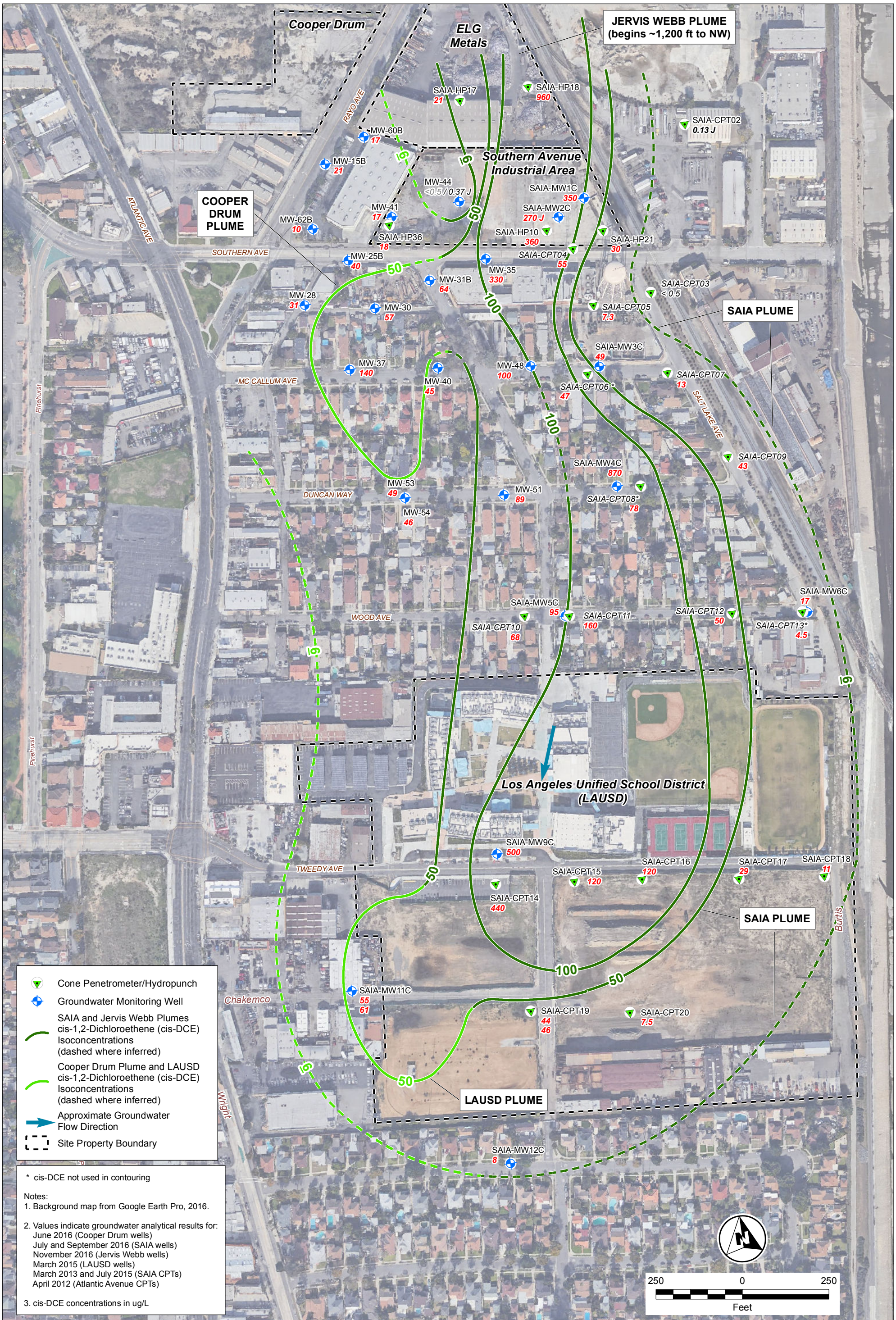

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South Gate, California
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Figure 4-11
cis-1,2-Dichloroethene in Groundwater
Lower Gaspur Aquifer
July/September 2016

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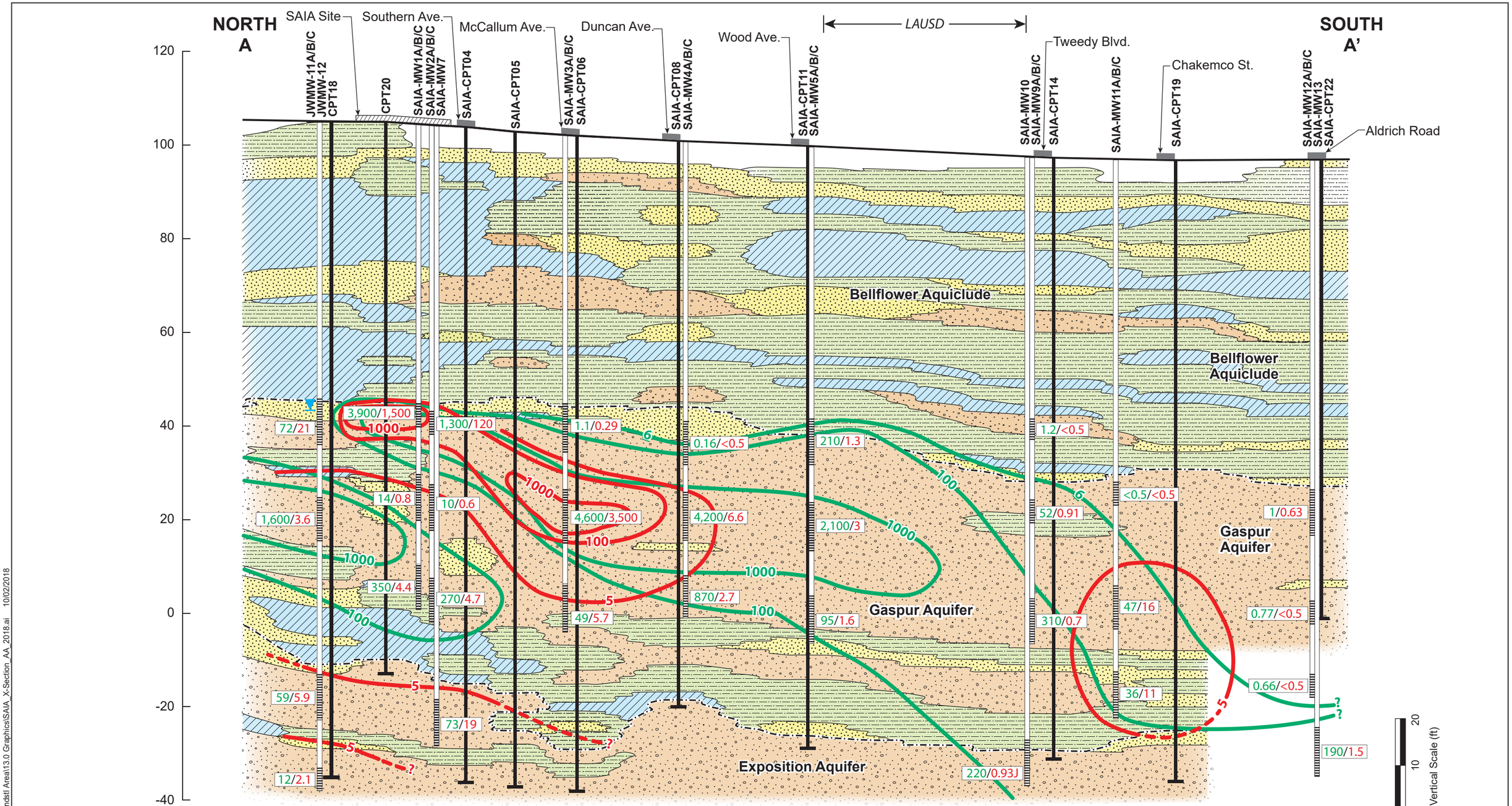

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Southern Avenue Industrial Area Superfund Site
Remedial Investigation Report
U.S. Environmental Protection Agency
South Gate, California

Figure 3-2
Hydrogeologic Cross-Section A-A'

APPENDIX A-6
JERVIS WEBB SITE HISTORICAL GROUNDWATER ANALYTICAL RESULTS
(BROWN AND CALDWELL, 2005)

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Table 2.
Results of VOCs Detected in Groundwater Samples
5030 Firestone Boulevard and 9301 Rayo Avenue
South Gate, California

Well ID	Sample Number	Sample Date	Analyte Concentration (µ/L)								
			Benzene	Toluene	1,1-DCA	1,1-DCE	1,2-DCA	c-1,2-DCE	t-1,2-DCE	PCE	TCE
MW-1	MW-1	03/04/98	<100	<100	<100	220	<100	130	<100	140	24,000
	MW-1-DUP	03/04/98	<100	<100	<100	210	<100	150	<100	160	25,000
	MW-1	05/20/98	<125	<125	<125	160	<125	130	<125	<125	24,000
	MW-1	11/05/98	<125	<125	<125	140	<125	160	<125	170	28,000
	MW-1	02/03/99	<125	<125	<125	130	<125	160	<125	160	27,000
	MW-1	06/01/99	<100	<100	<100	140	<100	190	<100	160	28,000
	MW-1	09/01/99	<100	<100	140	220	<100	200	<100	190	32,000
	MW-1	12/08/99	<250	<250	<250	<250	<250	<250	<250	<250	30,000
	MW-1-A[3]	12/08/99	<100	<100	110	150	<100	200	<100	160	33,000
	MW-1	03/15/00	<100	<100	<100	160	<100	230	<100	150	30,000
	MW-1	06/20/00	<100	<100	<100	<100	<100	<100	<100	<100	24,000
	MW-1	09/07/00	<100	<100	<100	<100	<100	<100	<100	<100	21,000
	MW-1	12/05/00	<100	<100	<100	<100	<100	<100	<100	<100	30,000
	MW-1	03/08/01	<100	<100	<100	<100	<100	<100	<100	<100	23,000
	MW-1	06/05/01	<125	<125	<125	<125	<125	<125	<125	150	31,000
	MW-1	01/17/02	<200	<200	49J	47J	<200	520J	<200	65J	15,000
	MW-1 (PDB-1A)	01/17/02	<200	<200	62J	120J	<200	150J	<200	61J	20,000
	MW-1 (PDB-1B)	01/17/02	<200	<200	64J	120J	<200	150J	<200	84J	19,000
	MW-1	07/02/02	<10	<20	48	71	<10	140	<20	72	15,000
	MW-1-69'	01/10/03	<250	<250	<250	<250	<250	<250	<250	<250	24,000
	MW-1-69'-D	01/10/03	<250	<250	<250	<250	<250	<250	<250	<250	24,000
	MW-1	07/11/03	<5	<5	57.9	72.2	<5	133.7	59.3	48.5	15,526.9
	MW-1 DUP	07/11/03	<5	<5	59.6	72.7	<5	132.9	54	48.9	14,253.3
	MW-1 (PDB-1B)	07/11/03	<250	<250	<250	<250	<250	<250	<250	<250	25,000
	MW-1	06/17/04	<50	<50	<50	<50	<50	740.2	104.2	98.5	17,864.4
	MW-1	06/10/05	<25	<25	41.9	239.8	<25	231.1	66.8	13.6	24,979.0
MW-2	MW-2	03/04/98	<10	<10	13	34	<10	65	<10	<10	2,700
	MW-2	05/20/98	<10	<10	14	38	<10	68	<10	<10	3,000
	MW-2	11/05/98	<10	<10	13	36	<10	68	<10	<10	3,200
	MW-2	02/03/99	<10	<10	13	36	<10	70	<10	<10	3,200
	MW-2	06/01/99	<10	<10	12	34	<10	68	<10	<10	2,800
	MW-2	09/01/99	<10	<10	16	49	<10	72	<10	<10	3,100
	MW-2	12/08/99	<13	<13	<13	<13	<13	57	<13	<13	2,400
	MW-2-A[3]	12/08/99	<10	<10	12	22	<10	63	<10	<10	2,600
	MW-2	03/15/00	<10	<10	<10	<10	<10	74	<10	<10	2,800
	MW-2	06/20/00	<10	<10	<10	<10	<10	46	<10	<10	2,000
	MW-2	09/07/00	<10	<10	<10	<10	<10	42	<10	<10	1,800
	MW-2	12/05/00	<10	<10	<10	<10	<10	50	<10	<10	2,300
	MW-2	03/08/01	<10	<10	<10	<10	<10	44	<10	<10	1,800
	MW-2-DUP	03/08/01	<10	<10	<10	<10	<10	42	<10	<10	1,600
	MW-2	06/05/01	<10	<10	<10	<10	<10	47	<10	<10	2,300
	MW-2	01/17/02	<50	<50	<50	25J	<50	59J	<50	<50	2,000
	MW-2 (PDB-2A)	01/17/02	<50	<50	<50	32J	<50	46J	<50	<50	1,900
	MW-2 (PDB-2B)	01/17/02	<50	<50	<50	38J	<50	52	<50	<50	2,300
	MW-2	07/02/02	<2.5	<5	<5	20	<2.5	50	<5	<5	1,700
	MW-2-53'	01/10/03	<10	<10	<10	20	<10	46	<10	<10	1,600
	MW-2	07/11/03	<2.5	<2.5	<2.5	26	<2.5	42.7	<2.5	<2.5	1,051.4
	MW-2 (PDB-2A)	07/11/03	<10	<10	<10	20	<10	44	<10	<10	1,300
	MW-2	06/17/04	<10	<10	<10	<10	<10	70.6	14.5	<10	1,484
	MW-2	6/10/2005	<2.5	<2.5	73.3	<2.5	<2.5	84.5	10.5	<2.5	1865.7

Table 2.
Results of VOCs Detected in Groundwater Samples
5030 Firestone Boulevard and 9301 Rayo Avenue
South Gate, California

Well ID	Sample Number	Sample Date	Analyte Concentration (µ/L)								
			Benzene	Toluene	1,1-DCA	1,1-DCE	1,2-DCA	c-1,2-DCE	t-1,2-DCE	PCE	TCE
MW-3	MW-3	03/04/98	<10	13	14	82	<10	200	<10	<10	2,800
	MW-3	05/20/98	<10	<10	13	58	<10	230	15	<10	2,800
	MW-3	11/05/98	<10	<10	11	66	<10	240	18	<10	2,300
	MW-3	02/03/99	<10	<10	11	64	<10	220	18	<10	2,000
	MW-3	06/01/99	<10	<10	11	66	<10	240	18	<10	1,900
	MW-3	09/01/99	<10	<10	13	80	<10	270	20	<10	2,600
	MW-3	12/08/99	<13	<13	<13	<13	<13	220	<13	<13	2,500
	MW-3-A[5]	12/08/99	<10	<10	13	55	<10	240	19	<10	2,900
	MW-3	03/15/00	<10	<10	11	61	<10	300	20	<10	3,100
	MW-3	06/20/00	<10	<10	10	<10	<10	170	14	<10	1,900
	MW-3-DUP	06/20/00	<10	<10	11	<10	<10	200	16	<10	2,100
	MW-3	09/07/00	<10	<10	<10	<10	<10	160	<10	<10	1,700
	MW-3-DUP	09/07/00	<10	<10	<10	<10	<10	160	<10	<10	1,700
	MW-3	12/05/00	<10	<10	<10	<10	<10	200	<10	<10	2,,400
	MW-3-DUP	12/05/00	<10	<10	<10	<10	<10	210	<10	<10	2,500
	MW-3	03/08/01	<10	<10	<10	55	<10	200	<10	<10	1,700
	MW-3	06/05/01	<10	<10	<10	<10	<10	210	<10	<10	2,300
	MW-3	01/17/02	18J	<50	<50	40J	<50	130	14J	<50	1,200
	MW-3 (PDB-3A)	01/17/02	<50	<50	<50	18J	<50	140	15J	<50	1,700
	MW-3 (PDB-3A)	01/17/02	13J	<50	<50	54	<50	150	17J	<50	1,700
	MW-3	07/02/02	19	40	7.6	38	2.7	170	12	<5	1,500
	MW-3-69'	01/10/03	<10	<10	<10	31	<10	160	10	<10	1,200
	MW-3	07/11/03	<2.5	<2.5	5.1	38.5	<2.5	154.5	8.2	<2.5	902.1
	MW-3 (PDB-3B)	07/11/03	<10	<10	<10	33	<10	160	<10	<10	990
	MW-3	06/17/04	<5.0	<5.0	<5.0	10.2	<5.0	560.5	<5.0	<5.0	486
	MW-3	06/10/05	432.5	2.5	3.9	105.4	8.2	254.9	31.9	<0.5	947.1
MW-4	MW-4	11/05/98	<0.5	<0.5	<0.5	<0.5	<0.5	0.67	<0.5	<0.5	6.7
	MW-4	02/03/99	<0.5	<0.5	<0.5	<0.5	2.1	<0.5	<0.5	<0.5	<0.5
	MW-4	06/01/99	<0.5	<0.5	<0.5	<0.5	65	1.1	<0.5	<0.5	0.90
	MW-4	09/01/99	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	MW-4	12/08/99	1.2	<0.5	<0.5	<0.5	<0.5	4.1	1.0	<0.5	17
	MW-4-A[5]	12/08/99	1.2	<0.5	<0.5	<0.5	<0.5	4.6	1.1	<0.5	18
	MW-4	03/15/00	77	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.68
	MW-4	06/20/00	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	MW-4	09/07/00	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	MW-4	12/05/00	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	MW-4	03/08/01	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	MW-4	06/05/01	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	MW-4	01/17/02	0.28J	<1	<1	1.4	<1	61	6.7	<1	220
	MW-4 (PDB-4A)	01/17/02	<1	<1	<1	<1	<1	<1	<1	<1	0.30J
	MW-4 (PDB-4B)	01/17/02	<1	<1	<1	<1	<1	<1	<1	<1	0.23J
	MW-4	07/02/02	<0.5	<1	<1	<1	<0.5	17	1.3	<1	140
	MW-4 (DUP)	07/02/02	<0.5	<1	<1	<1	<0.5	20	1.6	<1	150
	MW-4-69'	01/10/03	0.64	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	MW-4	07/11/03	<0.5	<0.5	<0.5	<0.5	<0.5	3.4	<0.5	<0.5	34.4
	MW-4 (PDB-4B)	07/11/03	3.4	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.54
	MW-4	06/17/04	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	MW-4	6/10/2005	7.1	<0.5	<0.5	<0.5	<0.5	2.3	<0.5	<0.5	9.7

Table 2.
Results of VOCs Detected in Groundwater Samples
5030 Firestone Boulevard and 9301 Rayo Avenue
South Gate, California

			Analyte Concentration (µg/L)								
Well ID	**Sample Number**	**Sample Date**	**Benzene**	**Toluene**	**1,1-DCA**	**1,1-DCE**	**1,2-DCA**	**c-1,2-DCE**	**t-1,2-DCE**	**PCE**	**TCE**
MW-5	MW-5	11/05/98	<25	<25	<25	42	<25	380	30	<25	5,000
	MW-5-DUP	11/05/98	<25	<25	<25	40	<25	360	29	<25	4,800
	MW-5	02/03/99	<25	<25	<25	49	<25	420	35	<25	5,100
	MW-5-DUP	02/03/99	<25	<25	<25	45	<25	370	31	<25	4,500
	MW-5	06/01/99	<25	<25	<25	52	35	420	36	<25	5,500
	MW-5-DUP	06/01/99	<25	<25	<25	56	39	430	35	<25	5,300
	MW-5	09/01/99	<25	<25	<25	40	<25	420	45	<25	5,500
	MW-5-DUP	09/01/99	<25	<25	<25	69	<25	440	45	<25	6,000
	MW-5	12/08/99	<50	<50	<50	<50	<50	390	<50	<50	5,100
	MW-5-A[3]	12/08/99	<25	<25	<25	<25	<25	410	25	<25	5,300
	MW-5-DUP	12/08/99	<50	<50	<50	<50	<50	360	<50	<50	5,000
	MW-5-DUP-A[3]	12/08/99	<25	<25	<25	<25	<25	410	26	<25	5,300
	MW-5	03/15/00	<50	<50	<50	<50	<50	440	<50	<50	5,500
	MW-5-DUP	03/15/00	<50	<50	<50	<50	<50	450	<50	<50	5,800
	MW-5	06/20/00	<25	<25	<25	<25	<25	350	<25	<25	4,400
	MW-5	09/07/00	<10	<10	<10	<10	<10	280	<10	<10	3,700
	MW-5	12/05/00	<10	<10	<10	<10	<10	190	<10	<10	4,700
	MW-5	03/08/01	<25	140	<25	<25	<25	260	<25	<25	3,600
	MW-5	06/05/01	<25	<25	<25	<25	<25	340	<25	<25	5,400
	MW-5-DUP	06/05/01	<25	<25	<25	<25	<25	350	<25	<25	5,400
	MW-5	01/17/02	<50	<50	<50	13J	<50	120	13J	<50	1,900
	MW-5 (PDB-5A)	01/17/02	<50	<50	<50	22J	<50	140	18J	<50	3,200
	MW-5 (PDB-5B)	01/17/02	<50	<50	<50	37J	<50	270	29J	<50	4,000
	MW-5	07/02/02	<2.5	7.8	<5	8.9	<2.5	58	8.6	<5	1,700
	MW-5-53'	01/10/03	<50	<50	<50	<50	<50	320	<50	<50	4,700
	MW-5	07/11/03	<2.5	<2.5	6.3	<2.5	<2.5	53.6	7.2	<2.5	1,819.2
	MW-5 (PDB-5A)	07/11/03	<50	<50	<50	<50	<50	340	<50	<50	4,900
	MW-5	06/17/04	<25.0	<25.0	<25.0	27.2	<25.0	1302.4	<25.0	<25.0	3,536
	MW-5	06/10/05	<10	<10	<10	50.8	<10	400.4	42.6	<10	4,485.0
CA MCL			**1.0**	**150**	**5.0**	**6.0**	**0.5**	**6.0**	**10**	**5.0**	**5.0**

Notes:

1,1-DCA = 1,1-dichloroethane
1,1-DCE = 1,1-dichloroethene
1,2-DCA = 1,2-dichloroethane
c-1,2-DCE = cis-1,2-dicloroethene
t-1,2-DCE = trans-1,2-dichloroethene

PCE = terachloroethene
TCE = thrichloroethene
VOCs = volatile organic compounds
µg/L = micrograms per liter
PDB = passive diffusion bag

J = value between Reporting Limit and Method Detection Limit
B = found in associated method blank

1. Current analyses performed by C&E Laboratories, Inc., in Santa Fe Springs, California using EPA Method 8260 for VOCs.
2. < indicates that the analyte was not detected at a concentration above the indicated method detection limit.
3. Samples collected on 8 December 1999 were initially analyzed on 9 December 1999 and were re-analyzed on 17 December 1999 in an attempt to achieve lower method detection limits.
4. CA MCL = California Maximum Containment Level
5. PDB-1A = PDB hung at bottom of well casing (approximately 68-69 feet)
   PDB-1B = PDB hung at middle of well casing (approximately 52-54 feet)

APPENDIX A-7

SAIA SUPERFUND SITE GROUNDWATER ANALYTICAL RESULTS (GILBANE, 2019)

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Table 4-6
VOCs and SVOCs Detected in Groundwater Discrete-Depth Samples from CPT Borings
Southern Avenue Industrial Area Superfund Site
South Gate, Los Angeles County, California

					VOCs (ug/L)																									SVOC (ug/L)
Location ID	Aquifer	Sample Date	Sample Type	Sample Depth	1,1-Dichloroethane	1,1-Dichloroethene	1,2,3-Trichloropropane	1,2-Dichloroethane	1,2-Dichloropropane	1,3-Dichlorobenzene	1,4-Dichlorobenzene	2-Butanone (MEK)	Acetone	Benzene	Bromoform	Bromomethane	Carbon Disulfide	cis-1,2-Dichloroethylene	Cyclohexane	Dibromochloromethane	m,p-Xylene	Methyl Acetate	Methylene Chloride	o-Xylene	Tetrachloroethene (PCE)	Toluene	trans-1,2-Dichloroethene	Trichloroethene (TCE)	Vinyl Chloride	1,4-Dioxane (p-Dioxane)
SAIA-HP10	Perched Aquifer	02/28/2013	N	42	0.23 J	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	11	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	0.18 J	0.15 J	0.33 J	20	<0.50	<0.50
SAIA-HP10	Shallow Gaspur	02/27/2013	N	64	22 J	<25	<25	<25	<25	<25	<25	<250	<250	<25	<25	<25	<25	2,000	<25	<25	<25	<25	<25	<25	<25	<25	43	1,400	<25	19
SAIA-HP10	Intermediate Gaspur	02/27/2013	N	85	2.2 J	<4.0	<4.0	58	<4.0	<4.0	<4.0	<40	<40	15	<4.0	<4.0	<4.0	400	2.0 J	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	19	8.7	<4.0	6.0
SAIA-HP10	Lower Gaspur	02/27/2013	N	102	13 J	<25	<25	<25	<25	<25	<25	<250	<250	<25	<25	<25	<25	560	<25	<25	<25	<25	<25	<25	<25	<25	33	1,800 J	<25	0.60
SAIA-HP10	Exposition Aquifer	02/27/2013	N	122	<0.50	<0.50	<0.50	0.46 J	<0.50	<0.50	<0.50	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	5.8	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	0.36 J	12	<0.50	32
SAIA-HP17	Shallow Gaspur	03/11/2013	N	65	0.32 J	<2.0	<2.0	32	<2.0	<2.0	<2.0	<2.00	12 J	<2.0	<2.0	<2.0	<2.0	62	1.4 J	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	3.5	88	<2.0	1.7
SAIA-HP17	Shallow Gaspur	03/11/2013	FD	65	0.27 J	<2.0	<2.0	25	<2.0	<2.0	<2.0	<2.00	10 J	<2.0	<2.0	<2.0	<2.0	50	1.1 J	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	2.9	110	<2.0	1.1
SAIA-HP17	Intermediate Gaspur	03/11/2013	N	82	<0.50	<0.50	<0.50	3.6	<0.50	<0.50	<0.50	<5.0	16	<0.50	<0.50	<0.50	<0.50	1.3	0.38 J	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	0.29 J	10	<0.50	1.2
SAIA-HP17	Lower Gaspur	03/11/2013	N	100	0.12 J	<0.50	<0.50	0.49 J	<0.50	<0.50	<0.50	<5.0	11	<0.50	<0.50	<0.50	<0.50	21	0.069 J	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	2.3	24	<0.50	1.8
SAIA-HP17	Exposition Aquifer	03/11/2013	N	123	<0.50	<0.50	<0.50	0.42 J	<0.50	<0.50	<0.50	<5.0	87	<0.50	<0.50	<0.50	<0.50	0.60	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	0.60	<0.50	7.1
SAIA-HP18	Shallow Gaspur	03/12/2013	N	67	0.12 J	<0.50	<0.50	0.17 J	<0.50	<0.50	<0.50	<5.0	4.0 J	<0.50	<0.50	<0.50	<0.50	5.8	0.097 J	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	0.79	40	<0.50	2.6
SAIA-HP18	Intermediate Gaspur	03/12/2013	N	85	1.7 J	4.5	<2.0	53	<2.0	<2.0	<2.0	<2.00	12 J	<2.0	<2.0	<2.0	<2.0	170	2.5	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	13	38	<2.0	6.8
SAIA-HP18	Lower Gaspur	03/12/2013	N	100	5.8	7.3	<5.0	29	<5.0	<5.0	<5.0	<5.00	21 J	<5.0	<5.0	<5.0	<5.0	460	2.2 J	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	66	180	<5.0	13
SAIA-HP18	Lower Gaspur	03/12/2013	FD	100	8.5	11	<4.0	52	<4.0	<4.0	<4.0	<400	<400	<4.0	<4.0	<4.0	<4.0	960	3.8 J	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	100	410	<4.0	11
SAIA-HP18	Exposition Aquifer	03/12/2013	N	124	<0.50	<0.50	<0.50	0.66	<0.50	<0.50	<0.50	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
SAIA-HP21	Perched Aquifer	02/26/2013	N	42	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	8.5	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	0.62	<0.50	<0.50
SAIA-HP21	Shallow Gaspur	02/26/2013	N	64	13 J	<25	<25	<25	<25	<25	<25	<250	<250	<25	<25	<25	<25	2,100	<25	<25	<25	<25	<25	<25	<25	<25	50	3,500	<25	33
SAIA-HP21	Intermediate Gaspur	02/26/2013	N	85	<0.50	<0.50	<0.50	3.8	0.38 J	<0.50	<0.50	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	1.7	4.5	<0.50	0.56
SAIA-HP21	Lower Gaspur	02/26/2013	N	102	1.3 J	<2.0	<2.0	7.6	<2.0	<2.0	<2.0	<200	<200	<2.0	<2.0	<2.0	<2.0	30	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	4.2	170	<2.0	6.0
SAIA-HP21	Exposition Aquifer	02/26/2013	N	122	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	0.22 J	<0.50	<0.50
SAIA-HP21	Exposition Aquifer	02/26/2013	N	142	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	3.3 J	14	<0.50	<0.50	<0.50	<0.50	2.5	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	3.9	<0.50	<0.50
SAIA-HP36	Shallow Gaspur	02/28/2013	N	64	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	4.9 J	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	0.34 J	<0.50	<0.50
SAIA-HP36	Intermediate Gaspur	02/28/2013	N	89	7.9	2.3	<0.50	2.3	0.47 J	<0.50	<0.50	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	61	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	4.5	12	6.6	23
SAIA-HP36	Lower Gaspur	02/28/2013	N	108	0.7	<0.50	<0.50	0.40 J	<0.50	<0.50	<0.50	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	18	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	2.0	0.61	<0.50	1.9
SAIA-HP36	Exposition Aquifer	02/28/2013	N	128	<0.50	<0.50	<0.50	1.1	<0.50	<0.50	<0.50	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
SAIA-CPT02	Perched Aquifer	03/22/2013	N	40	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<5.0	<0.50	<0.50	<0.50	0.45 J	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	0.091 J	<0.50	<0.50
SAIA-CPT02	Shallow Gaspur	03/22/2013	N	64	0.10 J	<0.50	<0.50	0.065 J	<0.50	<0.50	<0.50	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	7.3	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	0.59	1.3	<0.50	<0.50
SAIA-CPT02	Intermediate Gaspur	03/22/2013	N	80	<0.50	<0.50	<0.50	8.0	<0.50	<0.50	<0.50	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	0.18 J	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	0.085 J	<0.50	1.0
SAIA-CPT02	Lower Gaspur	03/22/2013	N	98	<0.50	<0.50	<0.50	6.1	0.21 J	<0.50	<0.50	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	0.13 J	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	0.063 J	<0.50	0.95
SAIA-CPT02	Exposition Aquifer	03/22/2013	N	124	<0.50	<0.50	<0.50	0.30 J	<0.50	<0.50	<0.50	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
SAIA-CPT03	Perched Aquifer	03/13/2013	N	40	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
SAIA-CPT03	Shallow Gaspur	03/13/2013	N	64	<2.0	<2.0	<2.0	<2.0	<2.0	0.087 J	0.12 J	<2.00	<2.00	<2.0	<2.0	<2.0	<2.0	120	<2.0	<2.0	<2.0	<2.0	6.0	<2.0	<2.0	<2.0	44	92	<2.0	8.0
SAIA-CPT03	Intermediate Gaspur	03/13/2013	N	84	<0.50	<0.50	<0.50	0.39 J	<0.50	<0.50	<0.50	<5.0	6.3	<0.50	<0.50	<0.50	<0.50	0.31 J	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	0.21 J	<0.50	0.42 J
SAIA-CPT03	Intermediate Gaspur	03/13/2013	FD	84	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	3.1 J	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	0.42 J
SAIA-CPT03	Lower Gaspur	03/13/2013	N	102	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	0.71
SAIA-CPT03	Exposition Aquifer	03/13/2013	N	138	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	16	<0.50	<0.50	<0.50	<0.50	4.3	<0.50	<0.50	0.11 J	<0.50	<0.50	<0.50	<0.50	<0.50	0.26 J	2.4	<0.50	<0.50
SAIA-CPT04	Perched Aquifer	03/14/2013	N	40	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	2.8 J	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
SAIA-CPT04	Shallow Gaspur	03/14/2013	N	64	12 J	<25	<25	<25	<25	<25	<25	<250	<250	<25	<25	<25	<25	1,300	<25	<25	<25	<25	<25	<25	<25	<25	29	890	<2.05	12
SAIA-CPT04	Intermediate Gaspur	03/14/2013	N	84	0.12 J	<0.50	<0.50	1.4	<0.50	<0.50	<0.50	<5.0	21	<0.50	<0.50	<0.50	<0.50	52	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	3.5	6.5	<0.50	0.57
SAIA-CPT04	Lower Gaspur	03/14/2013	N	102	2.3 J	<4.0	<4.0	4.5	<4.0	<4.0	<4.0	<4.00	<4.00	<4.0	<4.0	<4.0	<4.0	55	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	7.5	280	<4.0	9.2
SAIA-CPT04	Exposition Aquifer	03/14/2013	N	128	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
SAIA-CPT05	Perched Aquifer	03/04/2013	N	42	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	9.8	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	0.36 J	0.87	<0.50	0.77
SAIA-CPT05	Shallow Gaspur	03/05/2013	N	64	<10	<10	<10	<10	<10	<10	<10	<100	<100	<10	<10	<10	<10	490	<10	<10	<10	<10	23	<10	<10	<10	31	400	<10	2.6
SAIA-CPT05	Intermediate Gaspur	03/05/2013	N	84	<1.0	<1.0	<1.0	1.4	<1.0	<1.0	<1.0	<10	<10	<1.0	<1.0	<1.0	<1.0	97	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	11	1.3 J	<1.0	0.9
SAIA-CPT05	Lower Gaspur	03/05/2013	N	104	<0.50	<0.50	<0.50	1.3	0.19 J	<0.50	<0.50	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	7.3	0.10 J	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	0.38 J	2.7	<0.50	1.6
SAIA-CPT05	Exposition Aquifer	03/05/2013	N	130	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	0.14 J	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
SAIA-CPT06	Perched Aquifer	03/08/2013	N	42	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	21	<0.50	<0.50	<0.50	<0.50	0.077 J	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	0.092 J	<0.50	<0.50	<0.50	--
SAIA-CPT06	Shallow Gaspur	03/08/2013	N	63	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	3.9	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	0.49 J	2.1	<0.50	<0.50
SAIA-CPT06	Intermediate Gaspur	03/08/2013	N	82	21 J	<40	<40	<40	<40	<40	<40	<400	<400	<40	<40	<40	<40	3,900	<40	<40	<40	<40	<40	<40	<40	5.4 J	770	270	<40	40
SAIA-CPT06	Lower Gaspur	03/08/2013	N	102	0.13 J	<0.50	0.094 J	1.8	0.22 J	<0.50	<0.50	<5.0	11	<0.50	<0.50	<0.50	<0.50	42	0.12 J	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	2.9	1.3	<0.50	1.0
SAIA-CPT06	Exposition Aquifer	03/08/2013	N	132	<0.50	<0.50	<0.50	0.12 J	<0.50	<0.50	<0.50	<5.0	15	<0.50	<0.50	<0.50	<0.50	0.3 J	<0.50	<0.50	<0.50	0.4 J	0.1 J	<0.50	<0.50	<0.50	<0.50	0.087 J	<0.50	<0.50
SAIA-CPT07	Perched Aquifer	03/04/2013	N	42	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	17	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	0.19 J	<0.50	<0.50	<0.50	<0.50
SAIA-CPT07	Shallow Gaspur	03/01/2013	N	70	2.0 J	<10	<10	<10	<10	<10	<10	<100	<100	<10	<10	<10	<10	780	<10	<10	<10	<10	<10	<10	<10	<10	36	16	<10	15
SAIA-CPT07	Shallow Gaspur	03/01/2013	FD	70	2.3 J	<10	<10	<10	<10	<10	<10	<100	<100	<10	<10	<10	<10	810	<10	<10	<10	<10	<10	<10	<10	<10	40	17	<10	20
SAIA-CPT07	Lower Gaspur	03/01/2013	N	96	<0.50	<0.50	<0.50	0.53	<0.50	<0.50	<0.50	<5.0	4.8 J	<0.50	<0.50	<0.50	<0.50	13	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	1.2	2.9	<0.50	0.66
SAIA-CPT07	Lower Gaspur/Exposition	03/01/2013	N	114	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	14	<0.50	<0.50	<0.50	<0.50	3.1	<0.50	<0.50	<0.50	<0.50	1.1	<0.50	<0.50	<0.50	0.16 J	<0.50	<0.50	<0.50
SAIA-CPT07	Exposition Aquifer	03/01/2013	N	134	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	8.6	<0.50	<0.50	<0.50	<0.50	0.28 J	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
SAIA-CPT08	Perched Aquifer	03/07/2013	N	42	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	0.73	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	0.13 J	<0.50	<0.50

Table 4-6
VOCs and SVOCs Detected in Groundwater Discrete-Depth Samples from CPT Borings
Southern Avenue Industrial Area Superfund Site
South Gate, Los Angeles County, California

					VOCs (ug/L)																									SVOC (ug/L)
Location ID	Aquifer	Sample Date	Sample Type	Sample Depth	1,1-Dichloroethane	1,1-Dichloroethene	1,2,3-Trichloropropane	1,2-Dichloroethane	1,2-Dichloropropane	1,3-Dichlorobenzene	1,4-Dichlorobenzene	2-Butanone (MEK)	Acetone	Benzene	Bromoform	Bromomethane	Carbon Disulfide	cis-1,2-Dichloroethylene	Cyclohexane	Dibromochloromethane	m,p-Xylene	Methyl Acetate	Methylene Chloride	o-Xylene	Tetrachloroethene (PCE)	Toluene	trans-1,2-Dichloroethene	Trichloroethene (TCE)	Vinyl Chloride	1,4-Dioxane (p-Dioxane)
SAIA-CPT08	Intermediate Gaspur	03/07/2013	N	76	<10	<10	<10	<10	<10	<10	<10	<100	<100	<10	<10	<10	<10	530	<10	<10	<10	<10	<10	<10	<10	<10	27	12	<10	1.8
SAIA-CPT08	Lower Gaspur	03/07/2013	N	96	0.18 J	<0.50	<0.50	1.0	0.17 J	<0.50	<0.50	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	78	0.11 J	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	5	1.7	<0.50	0.55
SAIA-CPT08	Exposition Aquifer	03/07/2013	N	121	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	0.69	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	0.066 J	<0.50	0.13 J	<0.50	<0.50
SAIA-CPT09	Perched Aquifer	03/06/2013	N	42	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	0.51	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	0.51
SAIA-CPT09	Intermediate Gaspur	03/06/2013	N	78	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.00	<2.00	<2.0	<2.0	<2.0	<2.0	110	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	12	0.56 J	<2.0	<0.50
SAIA-CPT09	Intermediate Gaspur	03/06/2013	FD	78	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	140	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	16	<2.5	<2.5	<0.50
SAIA-CPT09	Lower Gaspur	03/06/2013	N	98	0.36 J	<0.50	<0.50	1.2	0.19 J	<0.50	<0.50	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	43	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	5.3	2.4	<0.50	0.65
SAIA-CPT09	Exposition Aquifer	03/06/2013	N	120	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	0.22 J	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
SAIA-CPT10	Perched Aquifer	03/21/2013	N	42	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	0.48 J	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
SAIA-CPT10	Shallow Gaspur	03/21/2013	N	60	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	15	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	0.61	<0.50	0.09 J	<0.50	<0.50	<0.50	0.31 J	<0.50	<0.50
SAIA-CPT10	Intermediate Gaspur	03/21/2013	N	80	2.2 J	3.2 J	<5.0	<5.0	<5.0	<5.0	<5.0	<5.00	<5.00	<5.0	<5.0	<5.0	<5.0	1,800	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	82	170 J	<5.0	9.1
SAIA-CPT10	Lower Gaspur	03/21/2013	N	100	<0.50	<0.50	<0.50	0.88	0.14 J	<0.50	<0.50	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	68	0.19 J	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	7.6	13 J	<0.50	<0.50
SAIA-CPT10	Exposition Aquifer	03/21/2013	N	122	<0.50	<0.50	<0.50	0.86	<0.50	<0.50	<0.50	<5.0	<5.0	<0.50	<0.50	0.10 J	<0.50	2.3	<0.50	<0.50	<0.50	0.49 J	<0.50	<0.50	9.9	<0.50	<0.50	15	<0.50	<0.50
SAIA-CPT11	Perched Aquifer	03/20/2013	N	42	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
SAIA-CPT11	Shallow Gaspur	03/20/2013	N	64	<4.0	<4.0	<4.0	0.72 J	<4.0	<4.0	<4.0	9.4 J	<4.00	<4.0	<4.0	<4.0	<4.0	390	<4.0	<4.0	0.49 J	<4.0	<4.0	<4.0	9.4	<4.0	2.3 J	120	62	1.5
SAIA-CPT11	Intermediate Gaspur	03/20/2013	N	84	4.1 J	<20	<20	<20	<20	<20	<20	<200	<200	<20	<20	<20	<20	1,800	<20	<20	<20	<20	<20	<20	<20	<20	86	140	<20	3.7
SAIA-CPT11	Lower Gaspur	03/20/2013	N	104	0.38 J	<0.50	<0.50	1.4	0.22 J	<0.50	<0.50	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	160	0.12 J	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	13	2.8	<0.50	1.6
SAIA-CPT11	Lower Gaspur	03/20/2013	FD	104	0.40 J	<1.0	<1.0	1.5	0.27 J	<1.0	<1.0	<10	<10	<1.0	<1.0	<1.0	<1.0	160	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	14	2.9	<1.0	1.1
SAIA-CPT11	Exposition Aquifer	03/20/2013	N	129	<0.50	<0.50	<0.50	0.11 J	<0.50	<0.50	<0.50	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	0.47 J	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	0.66	<0.50	<0.50
SAIA-CPT12	Perched Aquifer	03/19/2013	N	41	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	0.083 J	<0.50	<0.50
SAIA-CPT12	Shallow Gaspur	03/19/2013	N	65	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	0.29 J	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	0.48 J
SAIA-CPT12	Intermediate Gaspur	03/19/2013	N	80	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<200	<200	<2.0	<2.0	<2.0	<2.0	93	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	7.5	44	<2.0	<0.50
SAIA-CPT12	Lower Gaspur	03/19/2013	N	98	<0.50	<0.50	<0.50	0.57	<0.50	<0.50	<0.50	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	50	0.07 J	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	5.9	1.4	<0.50	<0.50
SAIA-CPT12	Exposition Aquifer	03/19/2013	N	120	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
SAIA-CPT13	Perched Aquifer	03/15/2013	N	42	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	10	<0.50	<0.50	<0.50	<0.50	1.3	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	0.18 J	0.15 J	<0.50	<0.50
SAIA-CPT13	Shallow Gaspur	03/15/2013	N	68	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	3.2 J	<0.50	<0.50	<0.50	<0.50	2.7	<0.50	<0.50	<0.50	0.24 J	<0.50	<0.50	<0.50	<0.50	0.48 J	0.94	<0.50	<0.50
SAIA-CPT13	Intermediate Gaspur	03/15/2013	N	82	<0.50	<0.50	<0.50	0.084 J	<0.50	<0.50	<0.50	<5.0	3.6 J	<0.50	<0.50	<0.50	<0.50	4.4	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	0.69	3.3	<0.50	<0.50
SAIA-CPT13	Lower Gaspur	03/15/2013	N	98	<0.50	<0.50	<0.50	0.36 J	<0.50	<0.50	<0.50	<5.0	4.6 J	<0.50	<0.50	<0.50	<0.50	9.5	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	2.4	6.0	<0.50	<0.50
SAIA-CPT13	Exposition Aquifer	03/15/2013	N	121	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	21	<0.50	<0.50	<0.50	<0.50	0.091 J	<0.50	<0.50	<0.50	0.42 J	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
SAIA-CPT14	Shallow Gaspur	07/23/2015	N	60	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	0.3 J	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
SAIA-CPT14	Intermediate Gaspur	07/23/2015	N	75	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	130	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	7.1	2.7	<0.50	<0.50
SAIA-CPT14	Intermediate Gaspur	07/23/2015	FD	75	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	140	<0.50	<0.50	<0.50	<0.50	0.26 J	<0.50	<0.50	<0.50	8.4	3.1	<0.50	0.37 J
SAIA-CPT14	Lower Gaspur	07/23/2015	N	100	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	440	<25	<25	<25	<25	<25	<25	<25	<25	36	<25	<25	<0.50
SAIA-CPT14	Exposition Aquifer	07/23/2015	N	130	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.00	<5.00	<5.0	<5.0	<5.0	<5.0	770	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	33	<5.0	<5.0	0.27 J
SAIA-CPT15	Perched Aquifer	07/29/2015	N	45	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<6.2	<0.50	<0.50	<0.50	<0.50	0.65	<0.50	<0.50	<0.50	<0.50	0.53	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
SAIA-CPT15	Shallow Gaspur	07/28/2015	N	60	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
SAIA-CPT15	Intermediate Gaspur	07/28/2015	N	75	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	180	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	19	5.0	<0.50	<0.50
SAIA-CPT15	Lower Gaspur	07/28/2015	N	90	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.00	<2.00	<2.0	<2.0	<2.0	<2.0	250	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	25	2.4	<2.0	<0.50
SAIA-CPT15	Lower Gaspur	07/28/2015	FD	90	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	270	<25	<25	<25	<25	<25	<25	<25	<25	24	2.2 J	<25	<0.50
SAIA-CPT15	Lower Gapsur	07/28/2015	N	105	<0.50	<0.50	<0.50	0.40 J	<0.50	<0.50	<0.50	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	120	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	11	0.87	<0.50	<0.50
SAIA-CPT15	Exposition Aquifer	07/28/2015	N	130	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<7.8	<0.50	<0.50	<0.50	<0.50	150	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	3.4	4.1	<0.50	<0.50
SAIA-CPT16	Perched Aquifer	07/30/2015	N	40	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	0.56	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
SAIA-CPT16	Shallow Gaspur	07/29/2015	N	55	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	0.31 J
SAIA-CPT16	Intermediate Gaspur	07/29/2015	N	70	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	9.8	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	2.0	1.4	<0.50	<0.50
SAIA-CPT16	Intermediate Gaspur	07/29/2015	N	85	<0.50	<0.50	<0.50	0.23 J	<0.50	<0.50	<0.50	<5.0	<11	<0.50	<0.50	<0.50	<0.50	72	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	16	7.8	<0.50	<0.50
SAIA-CPT16	Lower Gaspur	07/29/2015	N	105	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	120	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	14	0.94	<0.50	<0.50
SAIA-CPT16	Exposition Aquifer	07/29/2015	N	125	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<5.0.5	<0.50	<0.50	<0.50	<0.50	6.4	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	0.4 J	1.2	<0.50	<0.50
SAIA-CPT17	Perched Aquifer	07/31/2015	N	48	3.0	3.5	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	2.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	0.39 J	0.46 J	<0.50	0.68
SAIA-CPT17	Shallow Gaspur	07/30/2015	N	61	7.7	4.9	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	6.9	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	0.57	0.59	<0.50	14
SAIA-CPT17	Intermediate Gaspur	07/30/2015	N	74	1.3	3.4	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	37	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	5.1	13	<0.50	2.1
SAIA-CPT17	Intermediate Gaspur	07/30/2015	FD	75	1.4	3.6	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	40	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	5.6	14	<0.50	1.4
SAIA-CPT17	Lower gaspur	07/30/2015	N	92	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	11	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	1.2	2.5	<0.50	<0.50
SAIA-CPT17	Lower Gaspur	07/30/2015	N	105	<0.50	<0.50	<0.50	0.30 J	<0.50	<0.50	<0.50	<5.0	7.6	<0.50	<0.50	<0.50	<0.50	29	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	4.7	2.0	<0.50	<0.50
SAIA-CPT17	Exposition Aquifer	07/30/2015	N	128	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<5.0	<0.50	0.36 J	<0.50	<0.50	<0.50	<0.50	0.36 J	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
SAIA-CPT18	Shallow Gaspur	07/31/2015	N	49	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	0.27 J	<0.50	0.51
SAIA-CPT18	Shallow Gaspur	07/31/2015	N	68	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	1.5	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	0.97	<0.50	<0.50
SAIA-CPT18	Intermediate Gaspur	07/31/2015	N	84	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	8.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	0.61	0.61	<0.50	0.60

Table 4-6
VOCs and SVOCs Detected in Groundwater Discrete-Depth Samples from CPT Borings
Southern Avenue Industrial Area Superfund Site
South Gate, Los Angeles County, California

					VOCs (ug/L)																									SVOC (ug/L)
Location ID	**Aquifer**	**Sample Date**	**Sample Type**	**Sample Depth**	**1,1-Dichloroethane**	**1,1-Dichloroethene**	**1,2,3-Trichloropropane**	**1,2-Dichloroethane**	**1,2-Dichloropropane**	**1,3-Dichlorobenzene**	**1,4-Dichlorobenzene**	**2-Butanone (MEK)**	**Acetone**	**Benzene**	**Bromoform**	**Bromomethane**	**Carbon Disulfide**	**cis-1,2-Dichloroethylene**	**Cyclohexane**	**Dibromochloromethane**	**m,p-Xylene**	**Methyl Acetate**	**Methylene Chloride**	**o-Xylene**	**Tetrachloroethene (PCE)**	**Toluene**	**trans-1,2-Dichloroethene**	**Trichloroethene (TCE)**	**Vinyl Chloride**	**1,4-Dioxane (p-Dioxane)**
SAIA-CPT18	Lower Gaspur	07/31/2015	N	102	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	**11**	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	**1.4**	**0.64**	<0.50	<0.50
SAIA-CPT18	Exposition Aquifer	07/31/2015	N	125	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	**1.1**	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	**0.53**	<0.50	**1.1**
SAIA-CPT19	Shallow Gaspur	07/27/2015	N	48	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	**1.6**
SAIA-CPT19	Intermediate Gaspur	07/24/2015	N	70	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	**20**	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	**6.7**	**1.2**	<0.50	<0.50
SAIA-CPT19	Lower Gaspur	07/24/2015	N	90	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	**46**	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	**11**	**0.52**	<0.50	<0.50
SAIA-CPT19	Lower Gapsur	07/24/2015	N	104	<0.50	<0.50	<0.50	**0.26 J**	<0.50	<0.50	<0.50	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	**44**	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	**13**	**1.1**	<0.50	<0.50
SAIA-CPT19	Lower Gaspur/ Exposition	07/24/2015	N	118	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	**46**	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	**3.6**	**33**	<0.50	<0.50
SAIA-CPT19	Exposition Aquifer	07/24/2015	N	132	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	**530**	<25	<25	<25	<25	<3.2	<25	<25	<25	**26**	**8.0**	<25	**0.87**
SAIA-CPT20	Shallow Gaspur	07/28/2015	N	50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	**0.35 J**
SAIA-CPT20	Shallow Gaspur	07/27/2015	N	69	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	**9.5**	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	**2.0**	**1.5**	<0.50	**0.62**
SAIA-CPT20	Intermediate Gaspur	07/27/2015	N	88	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	**20**	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	**3.5**	**2.0**	<0.50	**0.35 J**
SAIA-CPT20	Intermediate Gaspur	07/27/2015	FD	89	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	**18**	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	**3.6**	**2.0**	<0.50	**0.42 J**
SAIA-CPT20	Lower Gaspur	07/27/2015	N	105	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<15	<0.50	<0.50	<0.50	<0.50	**7.5**	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	**1.2**	**0.55**	<0.50	<0.50
SAIA-CPT20	Exposition Aquifer	07/27/2015	N	132	<0.50	<0.50	<0.50	**0.35 J**	<0.50	<0.50	<0.50	<5.0	<7.5	<0.50	<0.50	<0.50	<0.50	**45**	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	**7.6**	**0.42 J**	<0.50	--
Screening Criteria																														
MCL or NL					5	6	0.0002 [1]	0.5	5	NA	75	NA	NA	1	80	NA	NA	6	NA	80	1750	NA	5	1750	5	150	10	5	0.5	1 [2]
RSL for Tap Water, or DTSC-modified RSL					2.8	280	0.0008	NA	NA	NA	NA	5600	14000	0.15 [1]	3.3	7.5	810	NA	13000	0.87	NA	20000	0.93 [1]	190	0.082 [1]	1100	360	0.49	0.019	0.46

Notes:

[1] = Based on California-modified RSLs (DTSC, 2018 - Table 2 Screening Levels for Tapwater, HERO HHRA Note Number 3, DTSC-modified Screening Levels [DTSC-SLs] [released June 2018]).
[2] = Based on Notification Level (California SWRCB Division of Drinking Water, updated 2 February 2018).
[3] = Secondary MCL (not used for determining a screening-level exceedance)
Detected results shown in bold
ID = Identification number
FD = Field duplicate sample results
J = Concentration is estimated because it falls between the method detection limit and the laboratory reporting limit.
MCL = Maximum contaminant level
N = Normal sample results
NA = Not applicable
NL = Notification Level (California)
R = The sample results are rejected due to serious deficiencies in meeting QC criteria.

Table 4-5
VOCs, SVOCs, and Metals Detected in Groundwater Samples from Monitoring Wells
Southern Avenue Industrial Area Superfund Site
South Gate, California

				Volatiles (ug/L)																						
Location ID	**Aquifer**	**Sample Date**	**Sample Type**	**1,1,2-Trichloroethane**	**1,1-Dichloroethane**	**1,1-Dichloroethene**	**1,2,3-Trichlorobenzene**	**1,2,4-Trichlorobenzene**	**1,2-Dichloroethane**	**1,2-Dichloropropane**	**1,3-Dichlorobenzene**	**1,4-Dichlorobenzene**	**4-Methyl-2-pentanone (MIBK)**	**Acetone**	**Benzene**	**Bromomethane**	**Carbon Disulfide**	**Chlorobenzene**	**Chloroethane**	**Chloroform**	**Chloromethane**	**cis-1,2-Dichloroethylene**	**Cyclohexane**	**Ethylbenzene**	**Isopropylbenzene (Cumene)**	**m,p-Xylene**
MW32	Exposition Aquifer	07/13/2016	N	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	**0.63**	<0.50	<0.50	<0.50	<0.50
MW32	Exposition Aquifer	07/13/2016	FD	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	**0.67**	<0.50	<0.50	<0.50	<0.50
MW34	Shallow Gaspur	03/26/2014	N	<2.5	**1.6 J**	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<25	<25	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	**470**	<2.5	<2.5	<2.5	<2.5
MW34	Shallow Gaspur	03/26/2014	FD	<2.0	**1.3 J**	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<20	<20	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	**450**	<2.0	<2.0	<2.0	<2.0
MW34	Shallow Gaspur	07/12/2016	N	<0.50	<0.50	**0.94**	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	**50**	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	**170**	<0.50	<0.50	<0.50	<0.50
MW35	Lower Gaspur	03/26/2014	N	<0.50	**0.33 J**	<0.50	<0.50	<0.50	**5.8**	<0.50	<0.50	<0.50	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	**58**	**0.69**	<0.50	<0.50	<0.50
MW35	Lower Gaspur	07/12/2016	N	<0.50	**3**	**4**	<0.50	<0.50	**6.8**	<0.50	<0.50	<0.50	<5.0	<5.0	**0.7**	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	**330**	**0.92**	<0.50	<0.50	<0.50
MW42	Shallow Gaspur	03/05/2013	N	<40	<40	<40	<40	<40	<40	<40	<40	<40	<400	<400	<40	<40	<40	<40	<40	<40	<40	**2,600**	<40	<40	<40	<40
MW42	Shallow Gaspur	03/26/2014	N	<10	**25**	<10	<10	<10	<10	<10	<10	<10	<100	<100	<10	<10	<10	<10	<10	<10	<10	**4,000**	<10	<10	<10	<10
MW42	Shallow Gaspur	07/12/2016	N	<2.5	**18**	**3.7 J**	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<25	<25	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	**1,100 J**	<2.5	<2.5	<2.5	<2.5
MW43	Intermediate Gaspur	03/05/2013	N	<0.50	**0.53**	**2.5**	<0.50	<0.50	**10**	<0.50	<0.50	<0.50	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	**55**	**1.4**	<0.50	<0.50	<0.50
MW43	Intermediate Gaspur	03/26/2014	N	<0.50	**0.22 J**	<0.50	<0.50	<0.50	**7.6**	<0.50	<0.50	<0.50	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	**25**	**1.2**	<0.50	<0.50	<0.50
MW43	Intermediate Gaspur	07/12/2016	N	<0.50	**1**	**3.4**	<0.50	<0.50	**44**	<0.50	<0.50	<0.50	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	**42**	**2.5**	<0.50	<0.50	<0.50
MW44	Lower Gaspur	03/26/2014	N	<0.50	**0.2 J**	<0.50	<0.50	<0.50	**4**	<0.50	<0.50	<0.50	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	**21**	**0.42 J**	<0.50	<0.50	<0.50
MW44	Lower Gaspur	07/12/2016	N	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	**0.37 J**	<0.50	<0.50	<0.50	<0.50
MW45	Intermediate Gaspur	03/05/2013	N	<0.50	<0.50	<0.50	<0.50	<0.50	**0.73**	<0.50	<0.50	<0.50	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	**51**	<0.50	<0.50	<0.50	<0.50
MW45	Intermediate Gaspur	03/25/2014	N	<0.50	**0.21**	<0.50	<0.50	<0.50	**0.84**	<0.50	**0.07**	<0.50	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	**39**	<0.50	<0.50	<0.50	<0.50
MW45	Intermediate Gaspur	07/14/2016	N	<0.50	**0.45 J**	**0.99**	<0.50	<0.50	**5.4**	<0.50	<0.50	<0.50	<5.0	<5.0	**0.43 J**	<0.50	**0.27 J**	<0.50	<0.50	<0.50	<0.50	**76**	**0.3 J**	<0.50	<0.50	<0.50
MW46	Shallow Gaspur	03/05/2013	N	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	**54**	<0.50	<0.50	<0.50	<0.50
MW46	Shallow Gaspur	03/05/2013	FD	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	**44**	<0.50	<0.50	<0.50	<0.50
MW46	Shallow Gaspur	03/24/2014	N	<0.50	**0.097 J**	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	**0.36 J**	<5	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	**47**	<0.50	<0.50	<0.50	<0.50
MW46	Shallow Gaspur	07/19/2016	N	<1.0	**7.5**	**2.2**	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<10	<10	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
MW47	Intermediate Gaspur	03/05/2013	N	<10	<10	<10	<10	<10	<10	<10	<10	<10	<100	<100	<10	<10	<10	<10	<10	<10	<10	**780**	<10	<10	<10	<10
MW47	Intermediate Gaspur	03/24/2014	N	<4.0	**1.3 J**	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<40	<40	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	**700**	<4.0	<4.0	<4.0	<4.0
MW47	Intermediate Gaspur	07/19/2016	N	<5.0	**6.1**	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<50	<50	<5.0	**3.2 J**	<5.0	<5.0	<5.0	<5.0	<5.0	**490**	<5.0	<5.0	<5.0	<5.0
MW48	Lower Gaspur	03/06/2013	N	<0.50	**1.1**	**1.1**	<0.50	<0.50	**7.5**	<0.50	<0.50	<0.50	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	**29**	**0.51**	<0.50	<0.50	<0.50
MW48	Lower Gaspur	03/24/2014	N	<0.50	**1.6**	**2.1**	<0.50	<0.50	**6.9**	**0.12**	<0.50	<0.50	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	**82**	**0.87**	<0.50	<0.50	<0.50
MW48	Lower Gaspur	07/19/2016	N	<0.50	**1.3**	**1.9**	<0.50	<0.50	**15**	<0.50	<0.50	<0.50	<5.0	**12**	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	**100**	**0.88**	<0.50	<0.50	<0.50
MW49	Shallow Gaspur	03/06/2013	N	<0.50	<0.50	**0.28 J**	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	**51**	<0.50	<0.50	<0.50	<0.50
MW49	Shallow Gaspur	03/26/2014	N	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	**41**	<0.50	<0.50	<0.50	<0.50
MW49	Shallow Gaspur	07/15/2016	FD	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	**55**	<0.50	<0.50	<0.50	<0.50
MW49	Shallow Gaspur	07/15/2016	N	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	**49**	<0.50	<0.50	<0.50	<0.50
MW52	Shallow Gaspur	03/06/2013	N	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	**8.9**	**0.3 J**	<0.50	<0.50	<0.50
MW52	Shallow Gaspur	03/25/2014	N	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<5.0	**2.4**	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	**18**	**0.96**	<0.50	<0.50	<0.50
MW52	Shallow Gaspur	03/25/2014	FD	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<5.0	**2.1**	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	**16**	**0.78**	<0.50	<0.50	<0.50
MW52	Shallow Gaspur	07/19/2016	N	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	**15**	**0.84**	<0.50	<0.50	<0.50
MW56	Shallow Gaspur	03/26/2014	N	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<20	<20	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	**450**	<2.0	<2.0	<2.0	<2.0
MW56	Shallow Gaspur	07/18/2016	N	<1.0	<1.0	<1.0	<1.0	R	<1.0	<1.0	<1.0	<1.0	<10	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**260**	<1.0	<1.0	<1.0	<1.0
SAIA-MW1A	Shallow Gaspur	03/27/2014	N	<100	**21 J**	<100	<100	<100	<100	<100	<100	<100	<1000	<1000	<100	<100	<100	<100	<100	<100	<100	**3,300**	<100	<100	<100	<100
SAIA-MW1A	Shallow Gaspur	08/25/2014	N	**0.58**	**17**	**16 J**	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<11	**0.29 J**	<0.50	**0.11 J**	**0.045 J**	**0.41 J**	<0.50	<0.50	**6,900**	**0.18 J**	<0.50	**0.17 J**	<0.50
SAIA-MW1A	Shallow Gaspur	07/14/2016	N	<25	**22 J**	<25	<25	<25	<25	<25	<25	<25	<250	<250	<25	<25	<25	<25	<25	<25	<25	**3,900**	<25	<25	<25	<25
SAIA-MW1B	Intermediate Gaspur	03/27/2014	N	<0.50	**0.25**	<0.50	<0.50	<0.50	**0.48 J**	<0.50	<0.50	<0.50	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	**59**	**0.24 J**	<0.50	<0.50	<0.50
SAIA-MW1B	Intermediate Gaspur	08/25/2014	N	<0.50	**0.19 J**	<0.50	<0.50	<0.50	**0.52**	**0.097 J**	<0.50	<0.50	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	**51**	**0.22 J**	<0.50	<0.50	<0.50
SAIA-MW1B	Intermediate Gaspur	07/14/2016	N	<0.50	<0.50	<0.50	<0.50	<0.50	**0.58**	<0.50	<0.50	<0.50	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	**14**	<0.50	<0.50	<0.50	<0.50
SAIA-MW1B	Intermediate Gaspur	07/14/2016	FD	<0.50	<0.50	<0.50	<0.50	<0.50	**0.64**	<0.50	<0.50	<0.50	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	**15**	<0.50	<0.50	<0.50	<0.50
SAIA-MW1C	Lower Gaspur	03/27/2014	N	<4.0	**3.9 J**	<4.0	<4.0	<4.0	**35**	<4.0	<4.0	<4.0	<40	<40	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	**370**	**1.6 J**	<4.0	<4.0	<4.0

Table 4-5
VOCs, SVOCs, and Metals Detected in Groundwater Samples from Monitoring Wells
Southern Avenue Industrial Area Superfund Site
South Gate, California

				Volatiles (ug/L)										Semivolatiles (ug/L)			Metals (ug/L)								
Location ID	Aquifer	Sample Date	Sample Type	Methylcyclohexane	Methylene Chloride	o-Xylene	Styrene	tert-Butyl Methyl Ether (MTBE)	Tetrachloroethene (PCE)	Toluene	trans-1,2-Dichloroethene	Trichloroethene (TCE)	Vinyl Chloride	1,4-Dioxane (p-Dioxane)	bis(2-Ethylhexyl) Phthalate	Carbazole	Calcium	Iron	Magnesium	Potassium	Sodium	Aluminum	Arsenic	Barium	Beryllium
MW32	Exposition Aquifer	07/13/2016	N	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	--	--	--	--	--	--
MW32	Exposition Aquifer	07/13/2016	FD	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	--	--	--	--	--	--
MW34	Shallow Gaspur	03/26/2014	N	<2.5	<2.5	<2.5	<2.5	1.8 J	<2.5	<2.5	25	45	<2.5	1.3	<5.0	<5.0	126,000	1,340	40,300	<5000	374,000	<20	100	52.6	<1.0
MW34	Shallow Gaspur	03/26/2014	FD	<2.0	<2.0	<2.0	<2.0	1.5 J	<2.0	<2.0	20	38	<2.0	1.5	<5.0	<5.0	126,000	1,250	40,500	<5000	373,000	<20	102	54.6	<1.0
MW34	Shallow Gaspur	07/12/2016	N	<0.50	<0.50	<0.50	<0.50	1.7	<0.50	<0.50	9.9	4.5	0.81	<0.50	--	--	--	--	--	--	--	--	--	--	--
MW35	Lower Gaspur	03/26/2014	N	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	5.5	6.9	<0.50	2.3	<5.0	<5.0	580,000	4,340	214,000	7,670	842,000	79.8	22.5	28.9	<1.0
MW35	Lower Gaspur	07/12/2016	N	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	15	3.5	<0.50	19	--	--	--	--	--	--	--	--	--	--	--
MW42	Shallow Gaspur	03/05/2013	N	<40	<40	<40	<40	<40	<40	<40	51	220	<40	15	--	--	--	--	--	--	--	--	--	--	--
MW42	Shallow Gaspur	03/26/2014	N	<10	<10	<10	<10	<10	<10	<10	75	390 J	<10	24	<5.0	<5.0	210,000	58,100	75,500	11,700	221,000	31,300	78.3	457	0.75 J
MW42	Shallow Gaspur	07/12/2016	N	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	40 J	32	<2.5	47	--	--	--	--	--	--	--	--	--	--	--
MW43	Intermediate Gaspur	03/05/2013	N	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	1.9	36	<0.50	5.7	--	--	--	--	--	--	--	--	--	--	--
MW43	Intermediate Gaspur	03/26/2014	N	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	1.4	8.6	<0.50	2.8	3.4 J	<5.0	457,000	4,780	167,000	5,710	673,000	1,150	31.2	46.2	<2.0
MW43	Intermediate Gaspur	07/12/2016	N	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	3	5.4	1	4	--	--	--	--	--	--	--	--	--	--	--
MW44	Lower Gaspur	03/26/2014	N	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	1.5	2.9	<0.50	2.8	<5.0	<5.0	493,000	4,860	204,000	7,170	909,000	136	31.6	23.8	<2.0
MW44	Lower Gaspur	07/12/2016	N	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	8.2	--	--	--	--	--	--	--	--	--	--	--
MW45	Intermediate Gaspur	03/05/2013	N	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	0.16 J	4	6.9	<0.50	1.4	--	--	--	--	--	--	--	--	--	--	--
MW45	Intermediate Gaspur	03/25/2014	N	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	3.7	2.2	<0.50	2.1	<5.0	<5.0	339,000	2,430	111,000	3,700 J	201,000	268	21.6	41.2	<1.0
MW45	Intermediate Gaspur	07/14/2016	N	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	5.8	1.6	<0.50	3.5	--	--	--	--	--	--	--	--	--	--	--
MW46	Shallow Gaspur	03/05/2013	N	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	0.19 J	2.9	4.5	<0.50	<0.50	--	--	--	--	--	--	--	--	--	--	--
MW46	Shallow Gaspur	03/05/2013	FD	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	0.16 J	2.7	4.4	<0.50	<0.50	--	--	--	--	--	--	--	--	--	--	--
MW46	Shallow Gaspur	03/24/2014	N	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	3.7 J	8.6 J	<0.50	<0.50	<5.0	<5.0	126,000	1,050	42,600	6,800	439,000	57.3	50	42.3	<1.0
MW46	Shallow Gaspur	07/19/2016	N	<1.0	1.1 J	<1.0	<1.0	<1.0	<1.0	<1.0	37	57	<1.0	3.5	--	--	--	--	--	--	--	--	--	--	--
MW47	Intermediate Gaspur	03/05/2013	N	<10	<10	<10	<10	<10	<10	<10	49	36	<10	1	--	--	--	--	--	--	--	--	--	--	--
MW47	Intermediate Gaspur	03/24/2014	N	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	47	14	<4.0	1.8	<5.0	<5.0	143,000	1,210	43,000	2,860 J	199,000	303	34	50.1	<1.0
MW47	Intermediate Gaspur	07/19/2016	N	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	30	5.4	<5.0	6.2	--	--	--	--	--	--	--	--	--	--	--
MW48	Lower Gaspur	03/06/2013	N	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	0.21 J	3.1	17	<0.50	5.5	--	--	--	--	--	--	--	--	--	--	--
MW48	Lower Gaspur	03/24/2014	N	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	5.5	29	<0.50	8.7	<5.0	<5.0	395,000	2,350	131,000	4,440 J	241,000	<20	24.2	44	<1.0
MW48	Lower Gaspur	07/19/2016	N	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	6.3	1.3	1.1	13	--	--	--	--	--	--	--	--	--	--	--
MW49	Shallow Gaspur	03/06/2013	N	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	0.19 J	3.9	3.4	<0.50	<0.50	--	--	--	--	--	--	--	--	--	--	--
MW49	Shallow Gaspur	03/26/2014	N	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	3.4	2.9	<0.50	<0.50	<5.0	<5.0	433,000	5,640	177,000	9,470	754,000	618	66.5	37.6	<2.0
MW49	Shallow Gaspur	07/15/2016	FD	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	5.9	1.6	<0.50	<0.50	--	--	--	--	--	--	--	--	--	--	--
MW49	Shallow Gaspur	07/15/2016	N	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	6.3	1.6	<0.50	<0.50	--	--	--	--	--	--	--	--	--	--	--
MW52	Shallow Gaspur	03/06/2013	N	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	0.13 J	2	2.5	<0.50	<0.50	--	--	--	--	--	--	--	--	--	--	--
MW52	Shallow Gaspur	03/25/2014	N	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	5	6.1	<0.50	<0.50	2.3	<5.0	395,000	3,710	142,000	5,750	340,000	52.9	26.8	46.8	<1.0
MW52	Shallow Gaspur	03/25/2014	FD	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	4.2	5.6	<0.50	<0.50	<5.0	<5.0	395,000	3,740	142,000	5,740	340,000	83.5	23.3	45.8	<1.0
MW52	Shallow Gaspur	07/19/2016	N	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	6.2	5.6	<0.50	<0.50	--	--	--	--	--	--	--	--	--	--	--
MW56	Shallow Gaspur	03/26/2014	N	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	15	290	<2.0	<0.50	<5.0	<5.0	178,000	1,870	43,000	<5000	190,000	407	24.2	80.5	<2.0
MW56	Shallow Gaspur	07/18/2016	N	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	15	74	<1.0	<0.50	--	--	--	--	--	--	--	--	--	--	--
SAIA-MW1A	Shallow Gaspur	03/27/2014	N	<100	<100	<100	<100	<100	<100	<100	71 J	7,400 J	<100	1.7 J	<5.0	<5.0	105,000	2,700	38,600	7,630 J	163,000	1,330	16.1	95.1	<2.0
SAIA-MW1A	Shallow Gaspur	08/25/2014	N	0.16 J	<0.50	0.1 J	<0.50	<0.50	0.42 J	0.51	96 J	4,800	<360	1.4	--	--	--	--	--	--	--	--	--	--	--
SAIA-MW1A	Shallow Gaspur	07/14/2016	N	<25	<25	<25	<25	<25	<25	<25	160	1,500	<25	<0.50	--	--	--	--	--	--	--	--	--	--	--
SAIA-MW1B	Intermediate Gaspur	03/27/2014	N	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	4.6	17	<0.50	1.9	<5.0	<5.0	421,000	3,350	147,000	<5000	358,000	366	23.8	67.4	<2.0
SAIA-MW1B	Intermediate Gaspur	08/25/2014	N	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	4.6	4.3 J	<0.50	2.6	--	--	--	--	--	--	--	--	--	--	--
SAIA-MW1B	Intermediate Gaspur	07/14/2016	N	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	2	0.84	<0.50	<0.50	--	--	--	--	--	--	--	--	--	--	--
SAIA-MW1B	Intermediate Gaspur	07/14/2016	FD	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	2.5	0.82	<0.50	<0.50	--	--	--	--	--	--	--	--	--	--	--
SAIA-MW1C	Lower Gaspur	03/27/2014	N	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	34	420 J	<4	18	<5.0	7.1	467,000	4,970	142,000	7,160	839,000	176	7.4	37	<2.0

Table 4-5
VOCs, SVOCs, and Metals Detected in Groundwater Samples from Monitoring Wells
Southern Avenue Industrial Area Superfund Site
South Gate, California

				Metals (ug/L)												General Chemistry (ug/L)						
Location ID	Aquifer	Sample Date	Sample Type	Cadmium	Chromium	Cobalt	Copper	Lead	Manganese	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc	Alkalinity, Bicarbonate (as CaCO3)	Alkalinity, Carbonate (as CaCO3)	Alkalinity, Total (as CaCO3)	Chloride	Sulfate (as SO4)	Total Dissolved Solids	Total Organic Carbon
MW32	Exposition Aquifer	07/13/2016	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW32	Exposition Aquifer	07/13/2016	FD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW34	Shallow Gaspur	03/26/2014	N	<1.0	7.5 J	11.3	1.4 J	0.64 J	816	4.3 J	2.3 J	0.06 J	<1.0	<5.0	5.4 J	930,000	<10000	930,000	40,000	400,000	1,600,000	4,500
MW34	Shallow Gaspur	03/26/2014	FD	<1.0	5 J	11.5	2.7	0.62 J	844	3.9 J	1.6 J	0.073 J	<1.0	<5.0	6.2 J	900,000	<10000	900,000	40,000	400,000	1,600,000	5,100
MW34	Shallow Gaspur	07/12/2016	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW35	Lower Gaspur	03/26/2014	N	1.3	5.2 J	48.7	2.9	1.3	4,340	5 J	1.7 J	0.12 J	<1.0	<5.0	17.2 J	670,000	<10000	670,000	170,000	3,600,000	6,000,000	5,500
MW35	Lower Gaspur	07/12/2016	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW42	Shallow Gaspur	03/05/2013	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW42	Shallow Gaspur	03/26/2014	N	1.3	79.1	43.9	57.5	20.3	2,120	73.4	<10	0.14 J	<1.0	53.5 J	157	860,000	<10000	860,000	46,000	190,000	1,300,000	9,100
MW42	Shallow Gaspur	07/12/2016	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW43	Intermediate Gaspur	03/05/2013	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW43	Intermediate Gaspur	03/26/2014	N	0.38 J	24.7 J	40.1	5.6	1.3	3,830	20	<10	0.096 J	0.08 J	<10	10.9 J	690,000	<10000	690,000	140,000	2,800,000	4,800,000	5,400
MW43	Intermediate Gaspur	07/12/2016	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW44	Lower Gaspur	03/26/2014	N	<1.0	9.5 J	44.3	2.4 J	0.37 J	4,330	7.2 J	<10	0.1 J	<1.0	<10	11.1 J	640,000	<10000	640,000	150,000	3,400,000	5,700,000	5,600
MW44	Lower Gaspur	07/12/2016	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW45	Intermediate Gaspur	03/05/2013	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW45	Intermediate Gaspur	03/25/2014	N	0.28 J	12.7	0.65 J	2.7	1.6	1,940	10.9	<5.0	0.048 J	<1.0	<5.0	12.8	580,000	<10000	580,000	120,000	1,100,000	2,400,000	3,300
MW45	Intermediate Gaspur	07/14/2016	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW46	Shallow Gaspur	03/05/2013	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW46	Shallow Gaspur	03/05/2013	FD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW46	Shallow Gaspur	03/24/2014	N	0.17 J	3.8	0.25 J	7.3	0.43 J	764	3.1	<5.0	0.088 J	<1.0	<5.0	18.8	830,000	16,000	850,000	86,000	500,000	1,700,000	4,200
MW46	Shallow Gaspur	07/19/2016	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW47	Intermediate Gaspur	03/05/2013	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW47	Intermediate Gaspur	03/24/2014	N	<1	5	0.52 J	2.4	1.2	1,040	4.3	<5.0	0.057 J	<1.0	<5.0	11.5	670,000	<10000	670,000	49,000	340,000	1,300,000	5,800
MW47	Intermediate Gaspur	07/19/2016	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW48	Lower Gaspur	03/06/2013	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW48	Lower Gaspur	03/24/2014	N	0.5 J	3.6	0.3 J	2.2	0.33 J	2,550	4.4	<5.0	0.076 J	<1.0	<5.0	12.8	670,000	<10000	670,000	250,000	1,200,000	2,800,000	4,600
MW48	Lower Gaspur	07/19/2016	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW49	Shallow Gaspur	03/06/2013	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW49	Shallow Gaspur	03/26/2014	N	0.12 J	67.9	43.4	8.2	0.69 J	3,930	145	<10	0.14 J	<1.0	<10	10.8 J	890,000	<10000	890,000	170,000	3,000,000	5,300,000	3,700
MW49	Shallow Gaspur	07/15/2016	FD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW49	Shallow Gaspur	07/15/2016	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW52	Shallow Gaspur	03/06/2013	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW52	Shallow Gaspur	03/25/2014	N	<1.0	5.1	0.68 J	2.4	0.8 J	3,520	5	<5.0	0.061 J	<1.0	<5.0	11	760,000	<10000	760,000	170,000	1,500,000	3,200,000	4,900
MW52	Shallow Gaspur	03/25/2014	FD	<1.0	7.6	0.72 J	2.6	0.41 J	3,370	4.7	<5.0	0.076 J	<1.0	<5.0	9.1	780,000	<10000	780,000	180,000	1,500,000	3,200,000	4,900
MW52	Shallow Gaspur	07/19/2016	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW56	Shallow Gaspur	03/26/2014	N	<1.0	4.9 J	15.3	2.4 J	0.73 J	1,350	4.5 J	<10	<1	<1.0	<10	6.7 J	610,000	<10000	610,000	84,000	400,000	1,300,000	2,800
MW56	Shallow Gaspur	07/18/2016	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SAIA-MW1A	Shallow Gaspur	03/27/2014	N	<1.0	20.5 J	10.7	5.4	1.6	480	12.7 J	<10	0.15 J	<1.0	<10	14.6 J	600,000	<10000	600,000	53,000	180,000	1,000,000	23,000
SAIA-MW1A	Shallow Gaspur	08/25/2014	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SAIA-MW1A	Shallow Gaspur	07/14/2016	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SAIA-MW1B	Intermediate Gaspur	03/27/2014	N	<1.0	7.1 J	37.7	2 J	0.57 J	2,510	7.8 J	<10	<1.0	<1.0	<10	6.1 J	610,000	<10000	610,000	580,000	1,200,000	3,300,000	8,000
SAIA-MW1B	Intermediate Gaspur	08/25/2014	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SAIA-MW1B	Intermediate Gaspur	07/14/2016	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SAIA-MW1B	Intermediate Gaspur	07/14/2016	FD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SAIA-MW1C	Lower Gaspur	03/27/2014	N	<1.0	12.5 J	41.9	2.3 J	1	3,240	8.7 J	0.99 J	0.081 J	0.082 J	<10	6.4 J	740,000	<10000	740,000	120,000	3,000,000	5,100,000	11,000

Table 4-5
VOCs, SVOCs, and Metals Detected in Groundwater Samples from Monitoring Wells
Southern Avenue Industrial Area Superfund Site
South Gate, California

				Volatiles (ug/L)																						
Location ID	Aquifer	Sample Date	Sample Type	1,1,2-Trichloroethane	1,1-Dichloroethane	1,1-Dichloroethene	1,2,3-Trichlorobenzene	1,2,4-Trichlorobenzene	1,2-Dichloroethane	1,2-Dichloropropane	1,3-Dichlorobenzene	1,4-Dichlorobenzene	4-Methyl-2-pentanone (MIBK)	Acetone	Benzene	Bromomethane	Carbon Disulfide	Chlorobenzene	Chloroethane	Chloroform	Chloromethane	cis-1,2-Dichloroethylene	Cyclohexane	Ethylbenzene	Isopropylbenzene (Cumene)	m,p-Xylene
SAIA-MW1C	Lower Gaspur	08/25/2014	N	<0.50	4.2	6.5 J	<0.50	<0.50	52	0.1 J	<0.50	<0.50	<5.0	<5.0	3.7	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	560	2.6	<0.50	<0.50	<0.50
SAIA-MW1C	Lower Gaspur	07/14/2016	N	<0.50	2.6	5.3	<0.50	<0.50	33	<0.50	<0.50	<0.50	<5.0	<5.0	3.2	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	350	2	<0.50	<0.50	<0.50
SAIA-MW2A	Shallow Gaspur	03/27/2014	N	<10	4.8 J	<10	<10	<10	<10	<10	<10	<10	<100	<100	<10	<10	<10	<10	<10	<10	<10	2,000	<10	<10	<10	<10
SAIA-MW2A	Shallow Gaspur	08/25/2014	N	0.45 J	7.2	7.7 J	<0.50	<0.50	0.25 J	<0.50	<0.50	<0.50	<5.0	<5.3	0.35 J	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	2,500	0.14 J	<0.50	<0.50	<0.50
SAIA-MW2A	Shallow Gaspur	08/25/2014	FD	0.47 J	7	7.7 J	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<5.0	0.35 J	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	2,400	0.15 J	<0.50	<0.50	<0.50
SAIA-MW2A	Shallow Gaspur	07/11/2016	N	<2.5	5.5	6.4	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<25	<25	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	1,300	<2.5	<2.5	<2.5	<2.5
SAIA-MW2B	Intermediate Gaspur	03/27/2014	N	<0.50	<0.50	<0.50	<0.50	<0.50	6.6	<0.50	<0.50	<0.50	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	69	0.24 J	<0.50	<0.50	<0.50
SAIA-MW2B	Intermediate Gaspur	08/25/2014	N	<0.50	0.11 J	0.5	<0.50	<0.50	5.1	0.23 J	<0.50	<0.50	<5.0	<5.0	0.2 J	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	51	0.19 J	<0.50	<0.50	<0.50
SAIA-MW2B	Intermediate Gaspur	07/11/2016	N	<0.50	<0.50	<0.50	<0.50	<0.50	0.81	<0.50	<0.50	<0.50	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	10	<0.50	<0.50	<0.50	<0.50
SAIA-MW2C	Lower Gaspur	03/27/2014	N	<2.0	3	4.7	<2.0	<2.0	32	0.19	<2.0	<2.0	<20	<20	6.1	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	360	1.7 J	<2.0	<2.0	<2.0
SAIA-MW2C	Lower Gaspur	08/25/2014	N	<0.50	2.8	5.2 J	<0.50	<0.50	34	<0.50	<0.50	<0.50	<5.0	<5.0	4.7	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	370	1.9	<0.50	<0.50	<0.50
SAIA-MW2C	Lower Gaspur	07/11/2016	N	<0.50	1.8	3.5 J	<0.50	<0.50	33	<0.50	<0.50	<0.50	<5.0	7.8	2.2	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	270 J	1.1	<0.50	<0.50	<0.50
SAIA-MW3A	Shallow Gaspur	03/24/2014	N	<0.50	0.13	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	8.9	<0.50	<0.50	<0.50	<0.50
SAIA-MW3A	Shallow Gaspur	08/26/2014	N	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	5.8	<0.50	<0.50	<0.50	<0.50
SAIA-MW3A	Shallow Gaspur	07/13/2016	N	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	1.1	<0.50	<0.50	<0.50	<0.50
SAIA-MW3B	Intermediate Gaspur	03/24/2014	N	<25	49	18 J	<25	<25	<25	<25	<25	<25	<250	<250	<25	<25	<25	<25	<25	<25	<25	7,000	<25	<25	<25	<25
SAIA-MW3B	Intermediate Gaspur	08/26/2014	N	3.6	72	20 J	<0.50	<0.50	2.1	<0.50	<0.50	<0.50	<5.0	<5.0	1.5	<0.50	1.4	<0.50	<0.50	<0.50	<0.50	9,100	0.42 J	0.13 J	0.19 J	<0.50
SAIA-MW3B	Intermediate Gaspur	07/13/2016	N	<25	23 J	<25	<25	<25	<25	<25	<25	<25	<250	<250	<25	<25	<25	<25	<25	<25	<25	4,600	<25	<25	<25	<25
SAIA-MW3C	Lower Gaspur	03/24/2014	N	<0.50	0.2	<0.50	<0.50	<0.50	1.8	0.23	<0.50	<0.50	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	38	0.16	<0.50	<0.50	<0.50
SAIA-MW3C	Lower Gaspur	03/24/2014	FD	<0.50	0.2	<0.50	0.32 J	0.13 J	1.6	0.25	0.095	<0.50	<5.0	<5.0	<0.50	0.12 J	<0.50	<0.50	<0.50	<0.50	<0.50	37	0.16	<0.50	<0.50	0.05
SAIA-MW3C	Lower Gaspur	08/26/2014	N	<0.50	0.25 J	<0.50	<0.50	<0.50	2.1	0.27 J	<0.50	<0.50	<5.0	<5.0	0.085 J	<0.50	0.13 J	<0.50	<0.50	<0.50	<0.50	27	0.14 J	<0.50	<0.50	<0.50
SAIA-MW3C	Lower Gaspur	07/13/2016	N	<0.50	0.51	<0.50	<0.50	<0.50	2.8	<0.50	<0.50	<0.50	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	49	<0.50	<0.50	<0.50	<0.50
SAIA-MW4A	Shallow Gaspur	03/25/2014	N	<0.50	0.32	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	4.7	<0.50	<0.50	<0.50	<0.50
SAIA-MW4A	Shallow Gaspur	08/26/2014	N	<0.50	0.34 J	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	0.72	<0.50	<0.50	<0.50	<0.50
SAIA-MW4A	Shallow Gaspur	07/22/2016	N	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	0.16 J	<0.50	<0.50	<0.50	<0.50
SAIA-MW4B	Intermediate Gaspur	03/25/2014	N	<25	15 J	<25	<25	<25	<25	<25	<25	<25	<250	<250	<25	<25	<25	<25	<25	<25	<25	4,200	<25	<25	<25	<25
SAIA-MW4B	Intermediate Gaspur	08/26/2014	N	1.1	18	6.6 J	<0.50	<0.50	0.72	<0.50	<0.50	<0.50	<5.0	<5.0	0.55	<0.50	1.3	<0.50	<0.50	<0.50	<0.50	4,800	0.17 J	0.034 J	<0.50	<0.50
SAIA-MW4B	Intermediate Gaspur	08/26/2014	FD	1.1	18	6.6 J	<0.50	<0.50	0.69	<0.50	<0.50	<0.50	<5.0	<5.0	0.55	<0.50	1.2	<0.50	<0.50	<0.50	<0.50	4,800	0.17 J	<0.50	<0.50	<0.50
SAIA-MW4B	Intermediate Gaspur	07/22/2016	N	<10	16	<10	<10	<10	<10	<10	<10	<10	<100	<100	<10	<10	<10	<10	<10	<10	<10	4,200	<10	<10	<10	<10
SAIA-MW4C	Lower Gaspur	03/25/2014	N	<10	3.6 J	<10	<10	<10	<10	<10	<10	<10	<100	<100	<10	<10	<10	<10	<10	<10	<10	910	<10	<10	<10	<10
SAIA-MW4C	Lower Gaspur	08/26/2014	N	<0.50	4.1	1.3	<0.50	<0.50	2.1	0.3 J	<0.50	<0.50	<5.0	<5.0	0.19 J	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	910	0.16 J	<0.50	<0.50	<0.50
SAIA-MW4C	Lower Gaspur	07/22/2016	N	<2.5	5.9	<2.5	<2.5	<2.5	2 J	<2.5	<2.5	<2.5	<25	<25	<2.5	1.3 J	<2.5	<2.5	<2.5	<2.5	<2.5	870	<2.5	<2.5	<2.5	<2.5
SAIA-MW5A	Shallow Gaspur	03/25/2014	N	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	0.7 J	<50	<50	<5.0	<5	<5.0	<5.0	<5.0	<5.0	<5.0	530	<5.0	<5.0	<5.0	<5.0
SAIA-MW5A	Shallow Gaspur	08/27/2014	N	<0.50	0.42 J	0.89	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<5.0	<0.50	R	<0.50	<0.50	<0.50	<0.50	<0.50	520	<0.50	<0.50	<0.50	<0.50
SAIA-MW5A	Shallow Gaspur	07/20/2016	N	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	210	<0.50	<0.50	<0.50	<0.50
SAIA-MW5A	Shallow Gaspur	07/20/2016	FD	<0.50	<0.50	0.66	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	220	<0.50	<0.50	<0.50	<0.50
SAIA-MW5B	Intermediate Gaspur	03/25/2014	N	<25	<25	<25	<25	<25	<25	<25	<25	<25	<250	<250	<25	<25	<25	<25	<25	<25	<25	3,100	<25	<25	<25	<25
SAIA-MW5B	Intermediate Gaspur	08/27/2014	N	0.84	9.5	5.5	<0.50	<0.50	0.52	<0.50	<0.50	<0.50	<5.0	<5.0	0.36 J	R	0.96	<0.50	<0.50	<0.50	<0.50	3,600	0.16 J	<0.50	<0.50	<0.50
SAIA-MW5B	Intermediate Gaspur	07/21/2016	N	<2.5	6.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<25	<25	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	2,100	<2.5	<2.5	<2.5	<2.5
SAIA-MW5C	Lower Gaspur	03/25/2014	N	<4.0	<4.0	<4.0	<4.0	<4.0	2 J	<4.0	<4.0	<4.0	<40	<40	<4	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	300	<4.0	<4.0	<4.0	<4.0
SAIA-MW5C	Lower Gaspur	08/27/2014	N	<0.50	0.64 J	0.8 J	<0.50	<0.50	1.9	0.26 J	<0.50	<0.50	<5.0	<5.0	0.18 J	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	320	0.15 J	<0.50	<0.50	<0.50
SAIA-MW5C	Lower Gaspur	07/21/2016	N	<0.50	<0.50	<0.50	<0.50	<0.50	1.6	<0.50	<0.50	<0.50	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	95	<0.50	<0.50	<0.50	<0.50
SAIA-MW6A	Shallow Gaspur	03/24/2014	N	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
SAIA-MW6A	Shallow Gaspur	08/27/2014	N	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
SAIA-MW6A	Shallow Gaspur	07/20/2016	N	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
SAIA-MW6B	Intermediate Gaspur	03/24/2014	N	<0.50	<0.50	<0.50	<0.50	<0.50	0.12	<0.50	<0.50	<0.50	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	1.9	<0.50	13	<0.50	<0.50	<0.50	<0.50

Table 4-5
VOCs, SVOCs, and Metals Detected in Groundwater Samples from Monitoring Wells
Southern Avenue Industrial Area Superfund Site
South Gate, California

				Volatiles (ug/L)										Semivolatiles (ug/L)			Metals (ug/L)								
Location ID	Aquifer	Sample Date	Sample Type	Methylcyclohexane	Methylene Chloride	o-Xylene	Styrene	tert-Butyl Methyl Ether (MTBE)	Tetrachloroethene (PCE)	Toluene	trans-1,2-Dichloroethene	Trichloroethene (TCE)	Vinyl Chloride	1,4-Dioxane (p-Dioxane)	bis(2-Ethylhexyl) Phthalate	Carbazole	Calcium	Iron	Magnesium	Potassium	Sodium	Aluminum	Arsenic	Barium	Beryllium
SAIA-MW1C	Lower Gaspur	08/25/2014	N	0.15 J	<0.50	0.057 J	<0.50	<0.50	<0.50	<0.50	47	210	1.4	22	--	--	--	--	--	--	--	--	--	--	--
SAIA-MW1C	Lower Gaspur	07/14/2016	N	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	27	4.4	18	7.3	--	--	--	--	--	--	--	--	--	--	--
SAIA-MW2A	Shallow Gaspur	03/27/2014	N	<10	<10	<10	<10	<10	<10	<10	74	1,100 J	<10	12	<5.0	<5.0	122,000	883	35,800	<5000	177,000	349	29.6	129	<2.0
SAIA-MW2A	Shallow Gaspur	08/25/2014	N	0.17 J	<0.50	0.083 J	<0.50	<0.50	<0.50	<0.50	110 J	1,300	5.5	16	--	--	--	--	--	--	--	--	--	--	--
SAIA-MW2A	Shallow Gaspur	08/25/2014	FD	0.16 J	<0.50	0.087 J	<0.50	<0.50	<0.50	<0.50	120 J	1,300	5.3	15	--	--	--	--	--	--	--	--	--	--	--
SAIA-MW2A	Shallow Gaspur	07/11/2016	N	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	85	120	<2.5	5.3	--	--	--	--	--	--	--	--	--	--	--
SAIA-MW2B	Intermediate Gaspur	03/27/2014	N	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	7.2	6.8 J	<0.50	1.7	<5.0	<5.0	398,000	2,880	136,000	<5000	285,000	88.2	24.9	44.5	<2.0
SAIA-MW2B	Intermediate Gaspur	08/25/2014	N	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	5.9	2.8	0.75	1.3	--	--	--	--	--	--	--	--	--	--	--
SAIA-MW2B	Intermediate Gaspur	07/11/2016	N	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	1.5	0.57	<0.50	<0.50	--	--	--	--	--	--	--	--	--	--	--
SAIA-MW2C	Lower Gaspur	03/27/2014	N	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	28	260 J	<2	14	<5.0	<5.0	457,000	3,220	153,000	5,770	666,000	182	21.8	30.4	<2.0
SAIA-MW2C	Lower Gaspur	08/25/2014	N	0.14 J	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	33	200	3.3	20	--	--	--	--	--	--	--	--	--	--	--
SAIA-MW2C	Lower Gaspur	07/11/2016	N	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	19 J	4.7	0.87	15	--	--	--	--	--	--	--	--	--	--	--
SAIA-MW3A	Shallow Gaspur	03/24/2014	N	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	0.073	0.2	9.2 J	<0.50	<0.50	<5.0	<5.0	238,000	12,900	68,900	7,740	156,000	8,320	41.7	147	0.36 J
SAIA-MW3A	Shallow Gaspur	08/26/2014	N	<0.50	<0.50	<0.50	0.045 J	<0.50	<0.50	1.3	0.15 J	3.6	<0.50	<0.46	--	--	--	--	--	--	--	--	--	--	--
SAIA-MW3A	Shallow Gaspur	07/13/2016	N	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	0.29 J	<0.50	<0.50	--	--	--	--	--	--	--	--	--	--	--
SAIA-MW3B	Intermediate Gaspur	03/24/2014	N	<25	<25	<25	<25	<25	<25	<25	120	6,700	<25	110 J	<5.0	<5.0	141,000	540	42,400	4,230 J	160,000	108	18.6	43	<1.0
SAIA-MW3B	Intermediate Gaspur	08/26/2014	N	0.28 J	<0.50	0.032 J	<0.50	<0.50	<0.50	1.1	230 J	6,600	47	86	--	--	--	--	--	--	--	--	--	--	--
SAIA-MW3B	Intermediate Gaspur	07/13/2016	N	<25	<25	<25	<25	<25	<25	<25	340	3,500	<25	3.9	--	--	--	--	--	--	--	--	--	--	--
SAIA-MW3C	Lower Gaspur	03/24/2014	N	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	2.5	2.1	<0.50	1.5	<5.0	<5.0	497,000	3,710	154,000	6,850	308,000	235	6.4	59.8	<1.0
SAIA-MW3C	Lower Gaspur	03/24/2014	FD	<0.50	<0.50	<0.50	0.036	<0.50	<0.50	<0.50	2.5	2	<0.50	1.6	<5.0	<5.0	499,000	3,490	155,000	6,750	307,000	161	6.4	58.1	<1.0
SAIA-MW3C	Lower Gaspur	08/26/2014	N	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	2.6	6	6.1	<0.46	--	--	--	--	--	--	--	--	--	--	--
SAIA-MW3C	Lower Gaspur	07/13/2016	N	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	5.4	5.7	<0.50	6.1	--	--	--	--	--	--	--	--	--	--	--
SAIA-MW4A	Shallow Gaspur	03/25/2014	N	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	0.19	0.53	<0.50	1.6	<5.0	<5.0	170,000	2,170	55,400	6,150	263,000	980	47.3	96.6	<1.0
SAIA-MW4A	Shallow Gaspur	08/26/2014	N	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	0.19 J	<0.50	1.8	--	--	--	--	--	--	--	--	--	--	--
SAIA-MW4A	Shallow Gaspur	07/22/2016	N	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	--	--	--	--	--	--
SAIA-MW4B	Intermediate Gaspur	03/25/2014	N	<25	<25	<25	<25	<25	<25	<25	130	790	<25	58	<5.0	<5.0	177,000	803	48,700	4,640 J	162,000	157	16.9	36.1	<1.0
SAIA-MW4B	Intermediate Gaspur	08/26/2014	N	0.19 J	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	180 J	150 J	6.5	60	--	--	--	--	--	--	--	--	--	--	--
SAIA-MW4B	Intermediate Gaspur	08/26/2014	FD	0.18 J	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	180 J	150 J	6.5	59 J	--	--	--	--	--	--	--	--	--	--	--
SAIA-MW4B	Intermediate Gaspur	07/22/2016	N	<10	<10	<10	<10	<10	<10	<10	210	6.6 J	<10	62 J	--	--	--	--	--	--	--	--	--	--	--
SAIA-MW4C	Lower Gaspur	03/25/2014	N	<10	<10	<10	<10	<10	<10	<10	53	3.9 J	<10	14	<5.0	<5.0	348,000	2,160	100,000	5,210	280,000	382	8.3	45.1	<1.0
SAIA-MW4C	Lower Gaspur	08/26/2014	N	0.074 J	<0.50	<0.50	0.074 J	<0.50	<0.50	1.1	73	3.4	11	11 J	--	--	--	--	--	--	--	--	--	--	--
SAIA-MW4C	Lower Gaspur	07/22/2016	N	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	1.3 J	120	2.7	45	7.7	--	--	--	--	--	--	--	--	--	--	--
SAIA-MW5A	Shallow Gaspur	03/25/2014	N	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	1.4 J	21	1.8 J	<5	2.4	<5.0	<5.0	330,000	3,440	110,000	9,010	366,000	1,340	15.7	62	<1.0
SAIA-MW5A	Shallow Gaspur	08/27/2014	N	0.09 J	<0.50	<0.50	0.041 J	<0.50	<0.50	0.77	24 J	1.9	0.72	2.3	--	--	--	--	--	--	--	--	--	--	--
SAIA-MW5A	Shallow Gaspur	07/20/2016	N	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	19	1.3	<0.50	1	--	--	--	--	--	--	--	--	--	--	--
SAIA-MW5A	Shallow Gaspur	07/20/2016	FD	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	17	1.2	<0.50	1.3	--	--	--	--	--	--	--	--	--	--	--
SAIA-MW5B	Intermediate Gaspur	03/25/2014	N	<25	<25	<25	<25	<25	<25	8.9 J	98	380	<25	16	<5.0	<5.0	276,000	2,520	87,800	4,900 J	337,000	611	18.1	47.2	<1.0
SAIA-MW5B	Intermediate Gaspur	08/27/2014	N	0.22 J	<0.50	<0.50	0.055 J	<0.50	<0.50	1.2	120 J	99 J	4.5	23	--	--	--	--	--	--	--	--	--	--	--
SAIA-MW5B	Intermediate Gaspur	07/21/2016	N	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	79	3	20	30 J	--	--	--	--	--	--	--	--	--	--	--
SAIA-MW5C	Lower Gaspur	03/25/2014	N	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	21	6.5	<4.0	3.4	<5.0	<5.0	507,000	1,820	147,000	7,330	299,000	297	4.9	51.5	<1.0
SAIA-MW5C	Lower Gaspur	08/27/2014	N	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	25	4.8	<0.50	3.2	--	--	--	--	--	--	--	--	--	--	--
SAIA-MW5C	Lower Gaspur	07/21/2016	N	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	11	1.6	<0.50	2.4	--	--	--	--	--	--	--	--	--	--	--
SAIA-MW6A	Shallow Gaspur	03/24/2014	N	<0.50	<0.50	<0.50	<0.50	0.24	<0.50	<0.50	<0.50	0.087	<0.50	0.52	<5.0	<5.0	31,800	12,300	13,300	4,000 J	255,000	7,550	16	112	0.36 J
SAIA-MW6A	Shallow Gaspur	08/27/2014	N	<0.50	<0.50	<0.50	0.034 J	0.19 J	<0.50	0.68	<0.50	<0.50	<0.50	0.53	--	--	--	--	--	--	--	--	--	--	--
SAIA-MW6A	Shallow Gaspur	07/20/2016	N	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	--	--	--	--	--	--
SAIA-MW6B	Intermediate Gaspur	03/24/2014	N	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	0.069	3.9	3.7	<0.50	<0.50	<5.0	<5.0	408,000	1,600	110,000	12,400	719,000	415	5.9	49.1	<1.0

Table 4-5
VOCs, SVOCs, and Metals Detected in Groundwater Samples from Monitoring Wells
Southern Avenue Industrial Area Superfund Site
South Gate, California

				Metals (ug/L)												General Chemistry (ug/L)						
Location ID	Aquifer	Sample Date	Sample Type	Cadmium	Chromium	Cobalt	Copper	Lead	Manganese	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc	Alkalinity, Bicarbonate (as CaCO3)	Alkalinity, Carbonate (as CaCO3)	Alkalinity, Total (as CaCO3)	Chloride	Sulfate (as SO4)	Total Dissolved Solids	Total Organic Carbon
SAIA-MW1C	Lower Gaspur	08/25/2014	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SAIA-MW1C	Lower Gaspur	07/14/2016	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SAIA-MW2A	Shallow Gaspur	03/27/2014	N	<1.0	5.6 J	11.3	2.4 J	1.3	674	4.7 J	0.6 J	<1.0	<1.0	<10	13.3 J	780,000	<10000	780,000	26,000	100,000	1,000,000	23,000
SAIA-MW2A	Shallow Gaspur	08/25/2014	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SAIA-MW2A	Shallow Gaspur	08/25/2014	FD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SAIA-MW2A	Shallow Gaspur	07/11/2016	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SAIA-MW2B	Intermediate Gaspur	03/27/2014	N	<1.0	4.2 J	34.6	7.7	2.7	2,290	4.5 J	<10	<1.0	<1.0	<10	9.4 J	490,000	<10000	490,000	320,000	1,500,000	3,200,000	6,400
SAIA-MW2B	Intermediate Gaspur	08/25/2014	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SAIA-MW2B	Intermediate Gaspur	07/11/2016	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SAIA-MW2C	Lower Gaspur	03/27/2014	N	<1.0	4.2 J	43.1	2 J	0.38 J	3,370	4.7 J	1.1 J	0.069 J	<1.0	<10	7.4 J	700,000	<10000	700,000	160,000	2,900,000	5,000,000	6,600
SAIA-MW2C	Lower Gaspur	08/25/2014	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SAIA-MW2C	Lower Gaspur	07/11/2016	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SAIA-MW3A	Shallow Gaspur	03/24/2014	N	0.1 J	20.2	6.7	21.9	6.2	1,430	16.7	5.1	0.21 J	<1.0	21.7	42	680,000	<10000	680,000	200,000	380,000	1,500,000	--
SAIA-MW3A	Shallow Gaspur	08/26/2014	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SAIA-MW3A	Shallow Gaspur	07/13/2016	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SAIA-MW3B	Intermediate Gaspur	03/24/2014	N	<1.0	8.2	0.74 J	2.1	0.62 J	766	5.6	<5.0	0.078 J	<1.0	<5.0	26	590,000	<10000	590,000	89,000	220,000	1,100,000	--
SAIA-MW3B	Intermediate Gaspur	08/26/2014	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SAIA-MW3B	Intermediate Gaspur	07/13/2016	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SAIA-MW3C	Lower Gaspur	03/24/2014	N	<1.0	7.8	0.62 J	3	0.75 J	3,050	7.5	<5.0	0.052 J	<1.0	<5.0	14.2	510,000	<10000	510,000	680,000	1,300,000	3,300,000	--
SAIA-MW3C	Lower Gaspur	03/24/2014	FD	<1.0	8.4	0.56 J	2.6	0.46 J	2,970	7	<5.0	0.066 J	<1.0	<5.0	8.7	490,000	<10000	490,000	670,000	1,200,000	3,400,000	--
SAIA-MW3C	Lower Gaspur	08/26/2014	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SAIA-MW3C	Lower Gaspur	07/13/2016	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SAIA-MW4A	Shallow Gaspur	03/25/2014	N	<1.0	8.6	1.1	4.5	0.94 J	1,080	6.9	6.6	<1.0	<1.0	1.6 J	13.2	690,000	<10000	690,000	160,000	390,000	1,500,000	4,300
SAIA-MW4A	Shallow Gaspur	08/26/2014	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SAIA-MW4A	Shallow Gaspur	07/22/2016	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SAIA-MW4B	Intermediate Gaspur	03/25/2014	N	<1.0	6.7	0.5 J	2.1	0.59 J	957	3.7	<5.0	0.11 J	<1.0	<5.0	9.2	610,000	<10000	610,000	86,000	400,000	1,300,000	19,000
SAIA-MW4B	Intermediate Gaspur	08/26/2014	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SAIA-MW4B	Intermediate Gaspur	08/26/2014	FD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SAIA-MW4B	Intermediate Gaspur	07/22/2016	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SAIA-MW4C	Lower Gaspur	03/25/2014	N	<1.0	9	0.8 J	2.5	0.8 J	2,420	7.9	<5.0	<1.0	<1.0	<5.0	9.2	480,000	<10000	480,000	510,000	900,000	2,600,000	8,200
SAIA-MW4C	Lower Gaspur	08/26/2014	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SAIA-MW4C	Lower Gaspur	07/22/2016	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SAIA-MW5A	Shallow Gaspur	03/25/2014	N	<1.0	19	2.5	8.2	1.8	2,250	14	<5.0	0.08 J	<1.0	3.7 J	19.2	830,000	<10000	830,000	180,000	1,300,000	3,000,000	5,200
SAIA-MW5A	Shallow Gaspur	08/27/2014	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SAIA-MW5A	Shallow Gaspur	07/20/2016	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SAIA-MW5A	Shallow Gaspur	07/20/2016	FD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SAIA-MW5B	Intermediate Gaspur	03/25/2014	N	<1.0	14.2	1.2	4.9	1	1,930	10.7	<5.0	0.089 J	<1.0	0.87 J	11.6	630,000	<10000	630,000	150,000	1,200,000	2,600,000	12,000
SAIA-MW5B	Intermediate Gaspur	08/27/2014	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SAIA-MW5B	Intermediate Gaspur	07/21/2016	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SAIA-MW5C	Lower Gaspur	03/25/2014	N	<1.0	6.3	1.1	3.1	0.68 J	3,050	7.5	<5.0	0.055 J	<1.0	<5.0	7.9	450,000	<10000	450,000	700,000	1,200,000	3,300,000	7,300
SAIA-MW5C	Lower Gaspur	08/27/2014	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SAIA-MW5C	Lower Gaspur	07/21/2016	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SAIA-MW6A	Shallow Gaspur	03/24/2014	N	0.15 J	27.1	6.7	29.4	7.4	454	22.4	<5.0	0.21 J	<1.0	20.4	65.1	390,000	<10000	390,000	100,000	230,000	940,000	5,900
SAIA-MW6A	Shallow Gaspur	08/27/2014	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SAIA-MW6A	Shallow Gaspur	07/20/2016	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SAIA-MW6B	Intermediate Gaspur	03/24/2014	N	<1.0	10.7	0.73 J	4.6	0.45 J	1,800	7	12	0.049 J	<1.0	<5.0	10	710,000	<10000	710,000	350,000	2,000,000	4,300,000	--

Table 4-5
VOCs, SVOCs, and Metals Detected in Groundwater Samples from Monitoring Wells
Southern Avenue Industrial Area Superfund Site
South Gate, California

				Volatiles (ug/L)																						
Location ID	**Aquifer**	**Sample Date**	**Sample Type**	**1,1,2-Trichloroethane**	**1,1-Dichloroethane**	**1,1-Dichloroethene**	**1,2,3-Trichlorobenzene**	**1,2,4-Trichlorobenzene**	**1,2-Dichloroethane**	**1,2-Dichloropropane**	**1,3-Dichlorobenzene**	**1,4-Dichlorobenzene**	**4-Methyl-2-pentanone (MIBK)**	**Acetone**	**Benzene**	**Bromomethane**	**Carbon Disulfide**	**Chlorobenzene**	**Chloroethane**	**Chloroform**	**Chloromethane**	**cis-1,2-Dichloroethylene**	**Cyclohexane**	**Ethylbenzene**	**Isopropylbenzene (Cumene)**	**m,p-Xylene**
SAIA-MW6B	Intermediate Gaspur	08/27/2014	N	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	**14**	<0.50	<0.50	<0.50	<0.50
SAIA-MW6B	Intermediate Gaspur	07/20/2016	N	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	**14**	<0.50	<0.50	<0.50	<0.50
SAIA-MW6C	Lower Gaspur	03/24/2014	N	<0.50	<0.50	<0.50	<0.50	<0.50	**0.2**	<0.50	<0.50	<0.50	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	**17**	<0.50	<0.50	<0.50	**0.031**
SAIA-MW6C	Lower Gaspur	08/27/2014	N	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<5.0	<0.50	R	**0.24 J**	<0.50	<0.50	<0.50	<0.50	**21**	<0.50	<0.50	<0.50	<0.50
SAIA-MW6C	Lower Gaspur	07/20/2016	N	<0.50	<0.50	<0.50	<0.50	<0.50	**0.31 J**	<0.50	<0.50	<0.50	<5.0	**6.3**	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	**17**	<0.50	<0.50	<0.50	<0.50
SAIA-MW7	Exposition Aquifer	03/27/2014	N	<0.50	**0.3**	<0.50	<0.50	<0.50	**0.96**	<0.50	**0.11**	**0.14**	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	**16**	<0.50	<0.50	<0.50	<0.50
SAIA-MW7	Exposition Aquifer	03/27/2014	FD	<0.50	**0.37**	<0.50	<0.50	<0.50	**1.1**	<0.50	**0.12**	<0.50	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	**17**	<0.50	<0.50	<0.50	<0.50
SAIA-MW7	Exposition Aquifer	08/25/2014	N	<0.50	**0.67**	**0.65**	<0.50	<0.50	**1.6**	<0.50	**0.12 J**	<0.50	<5.0	<5.0	**0.14 J**	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	**57**	<0.50	<0.50	<0.50	<0.50
SAIA-MW7	Exposition Aquifer	07/11/2016	N	<0.50	**0.84**	<0.50	<0.50	<0.50	**2.9**	<0.50	<0.50	<0.50	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	**73**	<0.50	<0.50	<0.50	<0.50
SAIA-MW8	Exposition Aquifer	03/24/2014	N	<0.50	<0.50	<0.50	<0.50	<0.50	**0.18**	<0.50	<0.50	<0.50	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	**0.83**	<0.50	<0.50	<0.50	<0.50
SAIA-MW8	Exposition Aquifer	08/25/2014	N	<0.50	<0.50	<0.50	<0.50	<0.50	**0.62**	<0.50	<0.50	<0.50	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	**1.9**	<0.50	<0.50	<0.50	<0.50
SAIA-MW8	Exposition Aquifer	07/21/2016	N	<0.50	<0.50	<0.50	<0.50	<0.50	**0.78**	<0.50	<0.50	<0.50	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	**2.2**	<0.50	<0.50	<0.50	<0.50
SAIA-MW9A	Shallow Gaspur	07/18/2016	N	<0.50	<0.50	<0.50	**0.37 J**	**0.2 J**	<0.50	<0.50	<0.50	<0.50	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	**1.2**	<0.50	<0.50	<0.50	<0.50
SAIA-MW9A	Shallow Gaspur	09/20/2016	N	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	**0.3 J**	<0.50	<0.50	<0.50	<0.50
SAIA-MW9B	Intermediate Gaspur	07/18/2016	N	<0.50	<0.50	<0.50	<0.50	R	<0.50	<0.50	<0.50	<0.50	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	**52**	<0.50	<0.50	<0.50	<0.50
SAIA-MW9B	Intermediate Gaspur	09/20/2016	N	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	**18**	<0.50	<0.50	<0.50	<0.50
SAIA-MW9C	Lower Gaspur	07/18/2016	FD	<1.0	<1.0	<1.0	<1.0	R	**0.48 J**	<1.0	<1.0	<1.0	<10	<10	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**310**	<1.0	<1.0	<1.0	<1.0
SAIA-MW9C	Lower Gaspur	07/18/2016	N	<1.0	<1.0	<1.0	<1.0	R	**0.4 J**	<1.0	<1.0	<1.0	<10	<10	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**250**	<1.0	<1.0	<1.0	<1.0
SAIA-MW9C	Lower Gaspur	09/20/2016	N	<0.50	**0.88**	**0.82**	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	**500**	<0.50	<0.50	<0.50	<0.50
SAIA-MW10	Exposition Aquifer	07/18/2016	N	<1.0	<1.0	<1.0	<1.0	R	**0.59 J**	<1.0	<1.0	<1.0	<10	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**220**	<1.0	<1.0	<1.0	<1.0
SAIA-MW10	Exposition Aquifer	09/20/2016	N	<0.50	**0.32 J**	**1.2**	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	**0.66 J**	**480**	**0.21 J**	<0.50	<0.50	<0.50
SAIA-MW11A	Shallow Gaspur	07/15/2016	N	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
SAIA-MW11A	Shallow Gaspur	09/22/2016	N	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
SAIA-MW11B	Intermediate Gaspur	07/15/2016	N	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	**3.5 J**	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	**47**	<0.50	<0.50	<0.50	<0.50
SAIA-MW11B	Intermediate Gaspur	09/22/2016	N	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	**7.1**	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	**40**	<0.50	<0.50	<0.50	<0.50
SAIA-MW11C	Lower Gaspur	07/15/2016	N	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	**36**	<0.50	<0.50	<0.50	<0.50
SAIA-MW11C	Lower Gaspur	09/22/2016	FD	<0.50	<0.50	**0.3 J**	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	**61**	<0.50	<0.50	<0.50	<0.50
SAIA-MW11C	Lower Gaspur	09/22/2016	N	<0.50	<0.50	**0.27 J**	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	**55**	<0.50	<0.50	<0.50	<0.50
SAIA-MW12A	Shallow Gaspur	07/25/2016	N	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	**1**	<0.50	<0.50	<0.50	<0.50
SAIA-MW12A	Shallow Gaspur	09/21/2016	N	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	**5.3 J**	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	**1.5**	<0.50	<0.50	<0.50	<0.50
SAIA-MW12B	Intermediate Gaspur	07/25/2016	N	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<5	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	**0.77 J**	<0.50	<0.50	<0.50	<0.50
SAIA-MW12B	Intermediate Gaspur	09/21/2016	N	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<5	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	**1.7**	<0.50	<0.50	<0.50	<0.50
SAIA-MW12C	Lower Gaspur	07/25/2016	N	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<5	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	**0.66 J**	<0.50	<0.50	<0.50	<0.50
SAIA-MW12C	Lower Gaspur	09/21/2016	N	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	**9 J**	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	**8**	<0.50	<0.50	<0.50	<0.50
SAIA-MW13	Exposition Aquifer	07/21/2016	N	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	**11**	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	**190**	<0.50	<0.50	<0.50	<0.50
SAIA-MW13	Exposition Aquifer	09/21/2016	N	<0.50	<0.50	**0.47 J**	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	**10**	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	**250**	<0.50	<0.50	<0.50	<0.50

Screening Criteria

MCL or NL				5	5	6	NA	70	0.5	5	NA	75	NA	NA	1	NA	NA	100	NA	80	NA	6	NA	700	NA	1750
RSL for Tap Water, or DTSC-modified RSL				0.28	2.8	280	7	NA	NA	NA	NA	NA	6300	14000	0.15 [1]	7.5	810	78	2100	0.22	190	NA	13000	1.5	450	NA

Notes:

Exceeds primary (not secondary) MCL for California or US, or exceeds NL (California Notification Level).

In the absence of a primary MCL or NL, value is highlighted if it exceeds the DTSC-modified screening level or RSL Tap Water screening criterion.

[1] = Based on California-modified RSLs (DTSC, 2018 - Table 2 Screening Levels for Tapwater, HERO HHRA Note Number 3, DTSC-modified Screening Levels [DTSC-SLs] [released June 2018]).

[2] = Based on Notification Level (California SWRCB Division of Drinking Water, updated 2 February 2018).

[3] = Secondary MCL (not used for determining a screening-level exceedance)

Table 4-5
VOCs, SVOCs, and Metals Detected in Groundwater Samples from Monitoring Wells
Southern Avenue Industrial Area Superfund Site
South Gate, California

				Volatiles (ug/L)										Semivolatiles (ug/L)			Metals (ug/L)								
Location ID	**Aquifer**	**Sample Date**	**Sample Type**	**Methylcyclohexane**	**Methylene Chloride**	**o-Xylene**	**Styrene**	**tert-Butyl Methyl Ether (MTBE)**	**Tetrachloroethene (PCE)**	**Toluene**	**trans-1,2-Dichloroethene**	**Trichloroethene (TCE)**	**Vinyl Chloride**	**1,4-Dioxane (p-Dioxane)**	**bis(2-Ethylhexyl) Phthalate**	**Carbazole**	**Calcium**	**Iron**	**Magnesium**	**Potassium**	**Sodium**	**Aluminum**	**Arsenic**	**Barium**	**Beryllium**
SAIA-MW6B	Intermediate Gaspur	08/27/2014	N	<0.50	<0.50	<0.50	**0.048 J**	<0.50	<0.50	**0.99**	**5.1**	**3.6**	<0.50	**0.26 J**	--	--	--	--	--	--	--	--	--	--	--
SAIA-MW6B	Intermediate Gaspur	07/20/2016	N	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	**3.7**	**2.7**	<0.50	<0.50	--	--	--	--	--	--	--	--	--	--	--
SAIA-MW6C	Lower Gaspur	03/24/2014	N	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	**0.075**	**2.3**	**2**	<0.50	**0.52**	<5.0	<5.0	**499,000**	**2,270**	**130,000**	**8,710**	**492,000**	**237**	**4.2**	**52.5**	<1.0
SAIA-MW6C	Lower Gaspur	08/27/2014	N	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	**2.8**	**2.4**	<0.50	**0.52**	--	--	--	--	--	--	--	--	--	--	--
SAIA-MW6C	Lower Gaspur	07/20/2016	N	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	**2.9**	**2**	**1.2**	<0.50	--	--	--	--	--	--	--	--	--	--	--
SAIA-MW7	Exposition Aquifer	03/27/2014	N	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	**1.1**	**24 J**	<0.50	**1.9**	<5.0	<5.0	**714,000**	**1,370**	**166,000**	**5,930 J**	**359,000**	**927**	**4.7**	**92.1**	<2.0
SAIA-MW7	Exposition Aquifer	03/27/2014	FD	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	**1.1**	**22 J**	<0.50	**2**	<5.0	<5.0	**737,000**	**419**	**171,000**	**5,850 J**	**368,000**	**302**	**3.3**	**62.4**	<1.0
SAIA-MW7	Exposition Aquifer	08/25/2014	N	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	**2.5**	**22**	**1.3**	**3.6**	--	--	--	--	--	--	--	--	--	--	--
SAIA-MW7	Exposition Aquifer	07/11/2016	N	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	**4.8**	**19**	<0.50	**7.9**	--	--	--	--	--	--	--	--	--	--	--
SAIA-MW8	Exposition Aquifer	03/24/2014	N	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	**0.18**	**0.08**	**0.53**	<0.50	<0.50	<5	<5	**374,000**	**874**	**80,500**	**5,180**	**142,000**	**178**	**8.9**	**82.6**	<1
SAIA-MW8	Exposition Aquifer	08/25/2014	N	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	**0.2 J**	**3.9**	<0.50	**0.16 J**	--	--	--	--	--	--	--	--	--	--	--
SAIA-MW8	Exposition Aquifer	07/21/2016	N	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	**0.31 J**	**1.3**	<0.50	<0.50	--	--	--	--	--	--	--	--	--	--	--
SAIA-MW9A	Shallow Gaspur	07/18/2016	N	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	**0.13 J**	<0.50	<0.50	**7.5**	--	--	--	--	--	--	--	--	--	--	--
SAIA-MW9A	Shallow Gaspur	09/20/2016	N	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	**5.5 J**	--	--	--	--	--	--	--	--	--	--	--
SAIA-MW9B	Intermediate Gaspur	07/18/2016	N	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	**5.5**	**0.91**	<0.50	**1.2**	--	--	--	--	--	--	--	--	--	--	--
SAIA-MW9B	Intermediate Gaspur	09/20/2016	N	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	**1.4**	**1.4**	<0.50	**1 J**	--	--	--	--	--	--	--	--	--	--	--
SAIA-MW9C	Lower Gaspur	07/18/2016	FD	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**22**	**0.74 J**	<1.0	**1.7**	--	--	--	--	--	--	--	--	--	--	--
SAIA-MW9C	Lower Gaspur	07/18/2016	N	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**22**	**0.7 J**	<1.0	**3.6**	--	--	--	--	--	--	--	--	--	--	--
SAIA-MW9C	Lower Gaspur	09/20/2016	N	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	**35**	**0.79**	**0.71**	**2.1 J**	--	--	--	--	--	--	--	--	--	--	--
SAIA-MW10	Exposition Aquifer	07/18/2016	N	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**14**	**0.93 J**	<1.0	**0.72**	--	--	--	--	--	--	--	--	--	--	--
SAIA-MW10	Exposition Aquifer	09/20/2016	N	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	**19 J**	**1.4**	**0.67**	**1.1 J**	--	--	--	--	--	--	--	--	--	--	--
SAIA-MW11A	Shallow Gaspur	07/15/2016	N	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	--	--	--	--	--	--
SAIA-MW11A	Shallow Gaspur	09/22/2016	N	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	--	--	--	--	--	--
SAIA-MW11B	Intermediate Gaspur	07/15/2016	N	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	**6.1**	**16**	<0.50	<0.50	--	--	--	--	--	--	--	--	--	--	--
SAIA-MW11B	Intermediate Gaspur	09/22/2016	N	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	**3.7**	**15**	<0.50	<0.50	--	--	--	--	--	--	--	--	--	--	--
SAIA-MW11C	Lower Gaspur	07/15/2016	N	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	**6.7**	**11**	<0.50	<0.50	--	--	--	--	--	--	--	--	--	--	--
SAIA-MW11C	Lower Gaspur	09/22/2016	FD	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	**6.4**	**9.4**	<0.50	<0.50	--	--	--	--	--	--	--	--	--	--	--
SAIA-MW11C	Lower Gaspur	09/22/2016	N	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	**7.2**	**11**	<0.50	<0.50	--	--	--	--	--	--	--	--	--	--	--
SAIA-MW12A	Shallow Gaspur	07/25/2016	N	<0.50	<0.50	<0.50	<0.50	**0.67**	<0.50	<0.50	**0.2 J**	**0.63**	<0.50	<0.50	--	--	--	--	--	--	--	--	--	--	--
SAIA-MW12A	Shallow Gaspur	09/21/2016	N	<0.50	<0.50	<0.50	<0.50	**0.56**	<0.50	<0.50	**0.35 J**	**0.97**	<0.50	**0.72 J**	--	--	--	--	--	--	--	--	--	--	--
SAIA-MW12B	Intermediate Gaspur	07/25/2016	N	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	**0.73**	--	--	--	--	--	--	--	--	--	--	--
SAIA-MW12B	Intermediate Gaspur	09/21/2016	N	<0.50	<0.50	<0.50	<0.50	**1.3**	<0.50	<0.50	**0.42 J**	**1.6**	<0.50	**1 J**	--	--	--	--	--	--	--	--	--	--	--
SAIA-MW12C	Lower Gaspur	07/25/2016	N	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	--	--	--	--	--	--
SAIA-MW12C	Lower Gaspur	09/21/2016	N	<0.50	<0.50	<0.50	<0.50	**0.51**	<0.50	<0.50	**0.67**	**1.5**	<0.50	**0.48 J**	--	--	--	--	--	--	--	--	--	--	--
SAIA-MW13	Exposition Aquifer	07/21/2016	N	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	**29**	**1.5**	<0.50	<0.50	--	--	--	--	--	--	--	--	--	--	--
SAIA-MW13	Exposition Aquifer	09/21/2016	N	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	**32**	**2**	**0.36 J**	**0.22 J**	--	--	--	--	--	--	--	--	--	--	--

Screening Criteria

MCL or NL				NA	5	1750	100	13	5	150	10	5	0.5	1 [2]	6	NA	NA	300 [3]	NA	NA	NA	1,000	10	2,000	4 [1]
RSL for Tap Water, or DTSC-modified RSL				NA	0.93 [1]	190	1200	NA	0.082 [1]	1100	360	0.49	0.019	0.46	5.6	NA	NA	14,000	NA	NA	NA	20,000	0.0082	3,800	25

Table 4-5
VOCs, SVOCs, and Metals Detected in Groundwater Samples from Monitoring Wells
Southern Avenue Industrial Area Superfund Site
South Gate, California

				Metals (ug/L)												General Chemistry (ug/L)						
Location ID	**Aquifer**	**Sample Date**	**Sample Type**	**Cadmium**	**Chromium**	**Cobalt**	**Copper**	**Lead**	**Manganese**	**Nickel**	**Selenium**	**Silver**	**Thallium**	**Vanadium**	**Zinc**	**Alkalinity, Bicarbonate (as CaCO3)**	**Alkalinity, Carbonate (as CaCO3)**	**Alkalinity, Total (as CaCO3)**	**Chloride**	**Sulfate (as SO4)**	**Total Dissolved Solids**	**Total Organic Carbon**
SAIA-MW6B	Intermediate Gaspur	08/27/2014	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SAIA-MW6B	Intermediate Gaspur	07/20/2016	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SAIA-MW6C	Lower Gaspur	03/24/2014	N	<1.0	**18.6**	**0.86 J**	**3.5**	**2**	**2,300**	**13.8**	**12.3**	**0.071 J**	<1.0	<5.0	**10.2**	**640,000**	<10000	**640,000**	**410,000**	**1,900,000**	**4,100,000**	--
SAIA-MW6C	Lower Gaspur	08/27/2014	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SAIA-MW6C	Lower Gaspur	07/20/2016	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SAIA-MW7	Exposition Aquifer	03/27/2014	N	**0.17 J**	**12.2 J**	**63.8**	**4.9**	**1.6**	**3,550**	**18.9 J**	<10	<1.0	<1.0	<10	**19.5 J**	**420,000**	<10000	**420,000**	**730,000**	**2,100,000**	**4,800,000**	**4,000**
SAIA-MW7	Exposition Aquifer	03/27/2014	FD	<1.0	**3.2 J**	**59.4**	**2.3**	**0.74 J**	**3,530**	**6.7 J**	<5.0	**0.06 J**	<1.0	<5.0	**10.5 J**	**420,000**	<10000	**420,000**	**740,000**	**2,200,000**	**4,700,000**	**3,900**
SAIA-MW7	Exposition Aquifer	08/25/2014	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SAIA-MW7	Exposition Aquifer	07/11/2016	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SAIA-MW8	Exposition Aquifer	03/24/2014	N	<1	**8.4**	**0.54 J**	**2.3**	**0.83 J**	**703**	**5.5**	<5	**0.27 J**	<1	<5	**25.6**	**320,000**	<10000	**320,000**	**390,000**	**780,000**	**2,100,000**	--
SAIA-MW8	Exposition Aquifer	08/25/2014	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SAIA-MW8	Exposition Aquifer	07/21/2016	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SAIA-MW9A	Shallow Gaspur	07/18/2016	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SAIA-MW9A	Shallow Gaspur	09/20/2016	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SAIA-MW9B	Intermediate Gaspur	07/18/2016	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SAIA-MW9B	Intermediate Gaspur	09/20/2016	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SAIA-MW9C	Lower Gaspur	07/18/2016	FD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SAIA-MW9C	Lower Gaspur	07/18/2016	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SAIA-MW9C	Lower Gaspur	09/20/2016	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SAIA-MW10	Exposition Aquifer	07/18/2016	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SAIA-MW10	Exposition Aquifer	09/20/2016	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SAIA-MW11A	Shallow Gaspur	07/15/2016	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SAIA-MW11A	Shallow Gaspur	09/22/2016	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SAIA-MW11B	Intermediate Gaspur	07/15/2016	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SAIA-MW11B	Intermediate Gaspur	09/22/2016	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SAIA-MW11C	Lower Gaspur	07/15/2016	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SAIA-MW11C	Lower Gaspur	09/22/2016	FD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SAIA-MW11C	Lower Gaspur	09/22/2016	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SAIA-MW12A	Shallow Gaspur	07/25/2016	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SAIA-MW12A	Shallow Gaspur	09/21/2016	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SAIA-MW12B	Intermediate Gaspur	07/25/2016	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SAIA-MW12B	Intermediate Gaspur	09/21/2016	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SAIA-MW12C	Lower Gaspur	07/25/2016	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SAIA-MW12C	Lower Gaspur	09/21/2016	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SAIA-MW13	Exposition Aquifer	07/21/2016	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SAIA-MW13	Exposition Aquifer	09/21/2016	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Screening Criteria																						
MCL or NL				5	100	NA	1,300	15	50 [3]	100	50	100 [3]	2	NA	500 [3]	NA	NA	NA	250,000 [3]	250,000 [3]	500,000 [3]	NA
RSL for Tap Water, or DTSC-modified RSL				9.2	NA	6	80	15	430	NA	100	94	0.2	86	6000	NA	NA	NA	NA	NA	NA	NA

Table 4-5
VOCs, SVOCs, and Metals Detected in Groundwater Samples from Monitoring Wells
Southern Avenue Industrial Area Superfund Site
South Gate, California

				Volatiles (ug/L)																						
Location ID	**Aquifer**	**Sample Date**	**Sample Type**	**1,1,2-Trichloroethane**	**1,1-Dichloroethane**	**1,1-Dichloroethene**	**1,2,3-Trichlorobenzene**	**1,2,4-Trichlorobenzene**	**1,2-Dichloroethane**	**1,2-Dichloropropane**	**1,3-Dichlorobenzene**	**1,4-Dichlorobenzene**	**4-Methyl-2-pentanone (MIBK)**	**Acetone**	**Benzene**	**Bromomethane**	**Carbon Disulfide**	**Chlorobenzene**	**Chloroethane**	**Chloroform**	**Chloromethane**	**cis-1,2-Dichloroethylene**	**Cyclohexane**	**Ethylbenzene**	**Isopropylbenzene (Cumene)**	**m,p-Xylene**

Notes (continued):

Detected results shown in bold font

FD = Field duplicate sample results

ID = Identification number

J = Estimated value

MCL = Maximum contaminant level

N = Normal sample results

NA = Not available

NL - Notification Level (California SWRCB Division of Drinking Water, updated 2 February 2018)

PCB = Polychlorinated biphenyl

R = The sample result was rejected due to serious deficiencies in meeting QC criteria.

RSL = Regional Screening Level, EPA Region 9

ug/L = Micrograms per liter

-- = Not analyzed