

Update to AOC-65 In-Situ Chemical Oxidation Phase IV Assessment Report



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ACRONYMS AND ABBREVIATIONS

AOC	Area of Concern
bgs	Below ground surface
CSSA	Camp Stanley Storage Area
CY	Cubic Yard
DCE	Dichloroethene
GAC	Granular Activated Carbon
HDPE	High Density Polyethylene
IIW	ISCO Injection Well
ISCO	<i>In-Situ</i> Chemical Oxidation
IRA	Interim Removal Action
KDT	Klozur Oxidant Demand Test
PCE	Tetrachloroethene
PZ	Piezometer
RCRA	Resource Conservation and Recovery Act
RFI	RCRA Facility Investigation Report
SDWA	Safe Drinking Water Act
SOD	Soil Oxidant Demand
SVE	Soil Vapor Extraction
TCE	Trichloroethene
TSW	Treatability Study Well
VEW	Vapor Extraction Well
VOC	Volatile Organic Compound

Introduction

This Phase IV technical memorandum is an addendum to the existing Area of Concern 65 (AOC-65) *In Situ* Chemical Oxidation (ISCO) Phase III Assessment Report (Parsons, 2016) of the tetrachloroethene (PCE) and trichloroethene (TCE) groundwater plume located on the south side of the CSSA facility (**Figure 1**). This memorandum specifically documents modifications to the ISCO remedial approach at AOC-65. The purpose of the Phase IV injection was to use a different chemical oxidant in the contaminated source area to increase contaminant destruction. Activities associated with the Phase IV injections included the following:

1. UIC permit modification outlining new injection locations, chemical oxidant, and tracer dyes;
2. Excavation and construction of five new ISCO infiltration cells;
3. Baseline pre-injection water quality sampling followed by chemical tracer study using low concentrations of fluorescein, eosine, and rhodamine;
4. Small-scale (3,500 gallon) sodium permanganate injection in August 2015;
5. Larger-scale (7,000 gallon) sodium permanganate injection in November 2015;
6. Post injection groundwater monitoring and sample analyses; and
7. Future ISCO injection plans and continued monitoring schedule.

Overview

The objective of the Phase I through III sodium persulfate injections was to increase the contact time between oxidants and contaminants through the application of increasingly larger volumes of ISCO chemicals. Oxidation of PCE (and other chlorinated compounds) occurs when sufficient contact time between sodium persulfate and VOCs have been established. Groundwater monitoring was conducted following each of the three injections in a network of wells in and around AOC-65 to assess the impact of ISCO injections on VOC concentrations (**Figure 2**).

Observations from groundwater monitoring indicated reduced PCE concentrations at some wells located west of the infiltration gallery, and increased concentrations at some wells east of the infiltration gallery. While reductions in PCE concentrations can be attributed to persulfate oxidation, the increasing concentrations to the east, with little indication of increasing sulfate or chloride, suggested that the increase in injection volumes from Phases I through III resulted in artificial mounding and pneumatic transport of contaminated groundwater to the east. It was concluded that a connected path may exist in the subsurface, but contact time and oxidant persistence were insufficient to reduce VOC concentrations. It was concluded that a connected path may exist from the suspected source area (beneath and west of Building 90) to the east, and the mounding resulted in a reversal in groundwater gradient that pushed contamination eastward.

The Phase IV injections had multiple objectives:

1. Reduce mounding associated with injections of large volume, thereby reducing the likelihood of contaminant migration contrary to normal groundwater flow. Permanganate is effective at lower concentrations.
2. Increase oxidant/contaminant contact time using an oxidant that does not auto decompose.
3. Target suspected source areas (just west of Building 90 and within the vault) via new infiltration cells versus the 320-foot-long trench gallery. .
4. A smaller initial injection (August 2015) followed by a larger injection (November 2015) to minimize the potential negative aspects of permanganate such as daylighting of purple liquid. Lack of decomposition and relatively shallow injection cells increases the likelihood of the reemergence of injected solution.

Phase IV ISCO injections commenced upon completion of the infiltration gallery cells. The chemical solution selected for injection included a 2% sodium permanganate solution. Sodium permanganate was selected to replace sodium persulfate because it does not auto-decomposition and has been shown to be effective at oxidizing contaminants at low concentrations. These characteristics allow for a smaller volume to be applied, making artificial groundwater mounding less likely in the subsurface. Sodium permanganate is a moderate to strong oxidizer that generally involves electron transfer to oxidize contaminants. Its low reaction rate may be beneficial at AOC-65 in that the chemical has more time to reach contaminants farther away from the injection site.

Three chemical tracers, fluorescein, eosine, and rhodamine were utilized in three different VEW locations around AOC-65 prior to the ISCO injections of sodium permanganate to determine migration pathways in the saturated portions of the UGR and upper portions of the LGR zone. Field parameters were collected on a weekly basis for a month to provide data on geochemical conditions and water quality.

UIC Permit Modification

Modification of the Class V Underground Injection Control (UIC) Permit to include changes to the remedial approach at AOC-65 was approved by the Texas Commission on Environmental Quality (TCEQ) in June 2015. These modifications included the construction of five new infiltration galleries, the injection of three dyes as part of a chemical tracer study, and the injection of an alternative sodium permanganate chemical oxidizing solution.

The five new infiltration gallery cells were excavated and constructed to facilitate application of ISCO chemicals within suspected source areas at AOC-65 in the Upper Glen Rose (UGR) limestone bedrock. Three exterior cells were installed on the west side of Building 90 and two interior cells were constructed inside a former containment vault within Building 90. Placement of the infiltration cells in suspected source areas provides a more targeted approach for ISCO applications.

Excavation / Construction of New ISCO Injection Cells

To help facilitate the application of ISCO chemicals at AOC-65, five additional infiltration cells were excavated and constructed within the UGR zone of limestone bedrock (**Figure 3**). These cells were located in suspected source areas based on available soil vapor data. Three of the infiltration cell galleries are located outside on the west side of Building 90; they measure 10' wide, 20' long, and have depths of 5, 10, and 15 feet (**Figure 4**). The remaining infiltration cells were installed within a former containment vault inside Building 90, with an approximate area of 6.5' by 8.5' and a depth of approximately 2' below ground surface (**Figure 5**). The ISCO solution conveyance system installed in each of the infiltration cells consist of 2-inch high density polyethylene (HDPE) piping installed in the transmissive backfill material.

Chemical Tracer Study

A chemical tracer study was performed at AOC-65 in July 2015, immediately prior to ISCO injections, to determine the migration pathways within the UGR and upper portions of the LGR limestone formations. Low concentrations of eosine, rhodamine, and fluorescein chemical dyes were injected (1 liter each) within VEW-15, VEW-27, and VEW-32 (locations shown on Figure 2.1). Sample tubing was incrementally marked and carbon filter packs were inserted into various VEWs around AOC-65 and analyzed weekly to determine arrival times and duration of the three tracers.

Results from the study indicated few positive detections, making the results of the dye tracing mostly inconclusive. Carbon packs were placed in 22 non-injection wells during the month-long tracer study, with packs replaced weekly and submitted for analysis. Only 3 detections of injected dyes were observed. These detections were of two of the three injected dyes, at three different wells, all of which were not located "down gradient" from one another.

Small-Scale ISCO Injection - August 2015

Approximately 3,500 gallons of 0.45 gram per liter (g/L) sodium permanganate was prepared for the initial small-scale August 2015 injection (8/24/15 – 8/27/2015) within the infiltration cells. Prior to proceeding with injections, baseline monitoring, total depth, and depth to water levels were recorded in the infiltration cells and surrounding VEWs. A chemical oxidant neutralizing solution consisting of vinegar, hydrogen peroxide, and water was prepared to use for spot treatment in the event of small accidental spills or for equipment maintenance.

At a rate of approximately 24 gallons per minute (gpm), 1,013 gallons of sodium permanganate was applied to the exterior south infiltration cell; 1,045 gallons were applied to the exterior north infiltration cell; and approximately 1,200 gallons were applied to the exterior middle infiltration cell. Periodic sump water levels in each of the infiltration cells were measured for the duration of the injection process. Following application into the exterior cells, approximately 133 gallons of ISCO solution were applied to the east interior cell and 137 gallons were applied to the west interior cell. An additional 160 gallons of diluted ISCO solution from rinsing out the chemical holding tote was distributed evenly into both interior infiltration galleries. Groundwater monitoring and performance field parameters were collected during the application, and then subsequently sampled monthly thereafter.

Larger-Scale ISCO Injection - November 2015

Approximately 7,000 gallons of 1.0 g/L sodium permanganate were prepared for the November 2015 injection (11/2/15 – 11/6/15), three months following the initial injection in August 2015. Baseline monitoring, total depth, and depth to water levels were recorded within the infiltration cells and surrounding VEW wells prior to beginning injections and checked periodically throughout the injection process. For safety reasons and also to accommodate holding tank specifications, ISCO solution was mixed as needed during the injection schedule. Periodic sump water levels in each of the infiltration cells were measured to help determine best locations to inject and also to prevent daylighting of injection solution to ground surface.

A total of 3,759 gallons of sodium permanganate were applied to the exterior north infiltration cell and 2,050 gallons were injected within the exterior middle infiltration cell. A total of 576 gallons were injected into the interior west cell and 500 gallons into the interior east cell before daylighting prevented further injections within the interior infiltration cells. Groundwater samples and performance parameters were collected during the injection as described below. Additionally, groundwater monitoring was performed at downgradient monitoring wells after injections at sampling frequencies determined based on previous monitoring results.

Monitoring

The monitoring network consists of nearby treatability study wells (TSWs), monitoring wells (MWs), vapor extraction wells (VEWs), and Westbay[®] wells. A list of monitoring locations is provided in **Table 2**. The majority of these wells (VEWs and Westbay wells) were designed and installed prior to ISCO injections as part of previous treatability studies. Groundwater sampling occurred at intervals of 30, 60, and 90 days from the time of initial injections, and then continued on a quarterly schedule thereafter at a selection of monitoring wells located within AOC-65. Groundwater samples are collected quarterly from nearby monitoring wells, private water supply wells, and all zones of the Westbay wells within ¼ mile of the injections points at AOC-65. A map showing monitoring locations is provided as **Figure 2**. Groundwater samples are analyzed for VOCs, metals, and anions (sulfate and chloride). Analytical results are presented in **Tables 3 through 5**. Additional analyses and performance parameters may include:

- Temperature (in C°)
- pH
- Conductivity (in micro Siemens per centimeter [mS/cm])
- Dissolved Oxygen
- Oxidation Reduction Potential

Performance parameters provide direct and indirect evidence of ISCO solution distribution, oxidizing geochemical conditions, and chlorinated solvent destruction. In addition to the samples sent to a laboratory for analysis, a HACH[®] spectrophotometer was also utilized at the CSSA field office location to monitor real-time sodium permanganate migration pathways. Permanganate concentrations can effectively be measured in aqueous solution using a maximum light absorbance wavelength of 525 nanometers (nm). Sample interferences, such as suspended particulates and/or colloidal turbidity (also absorb light at 525 nm) were allowed to settle before

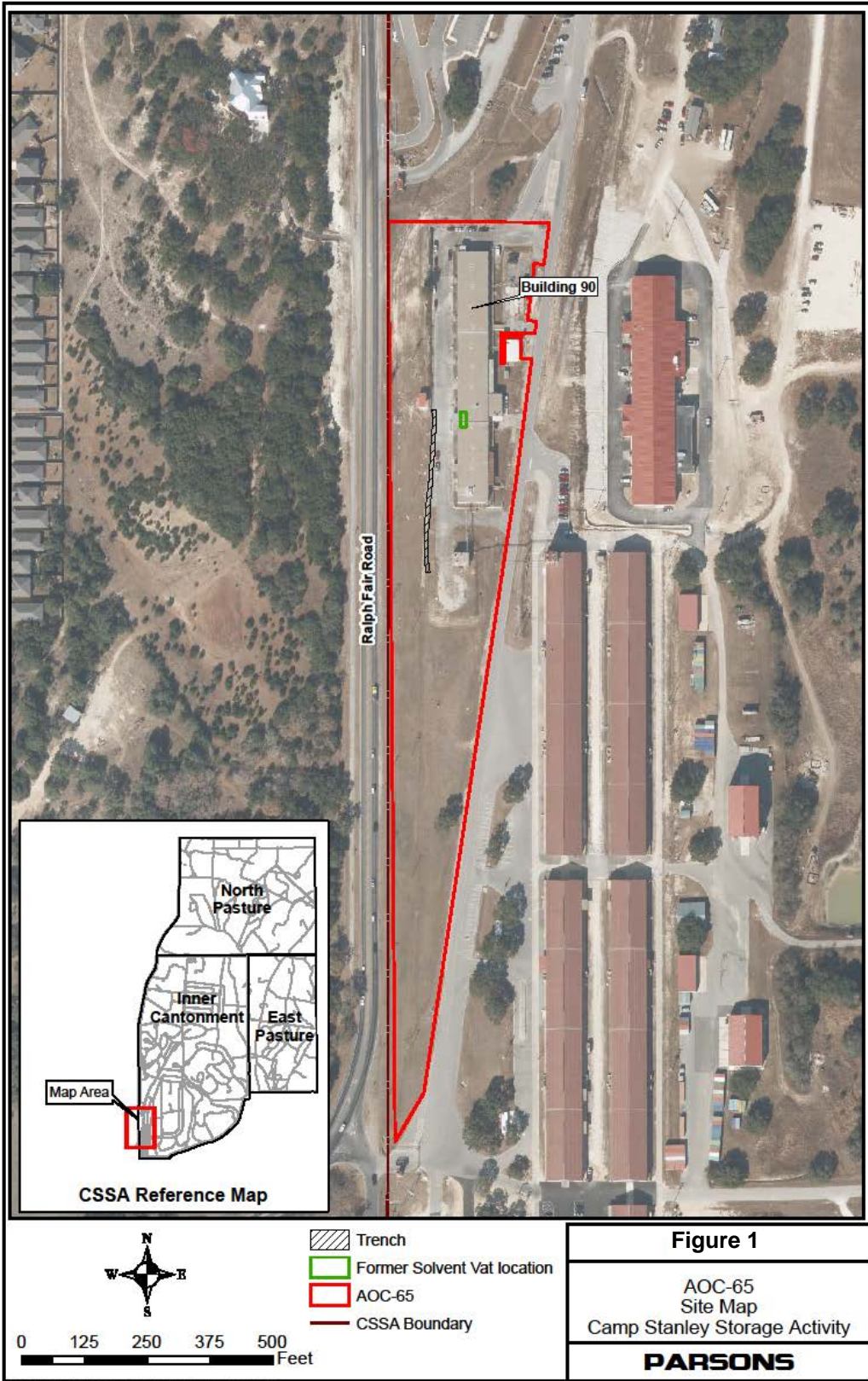
taking concentration readings. Samples exceeding the highest prepared calibration solution were diluted by a factor of 1/10 or greater if necessary and recorded in the results.

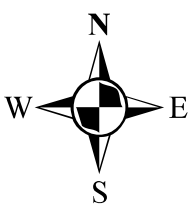
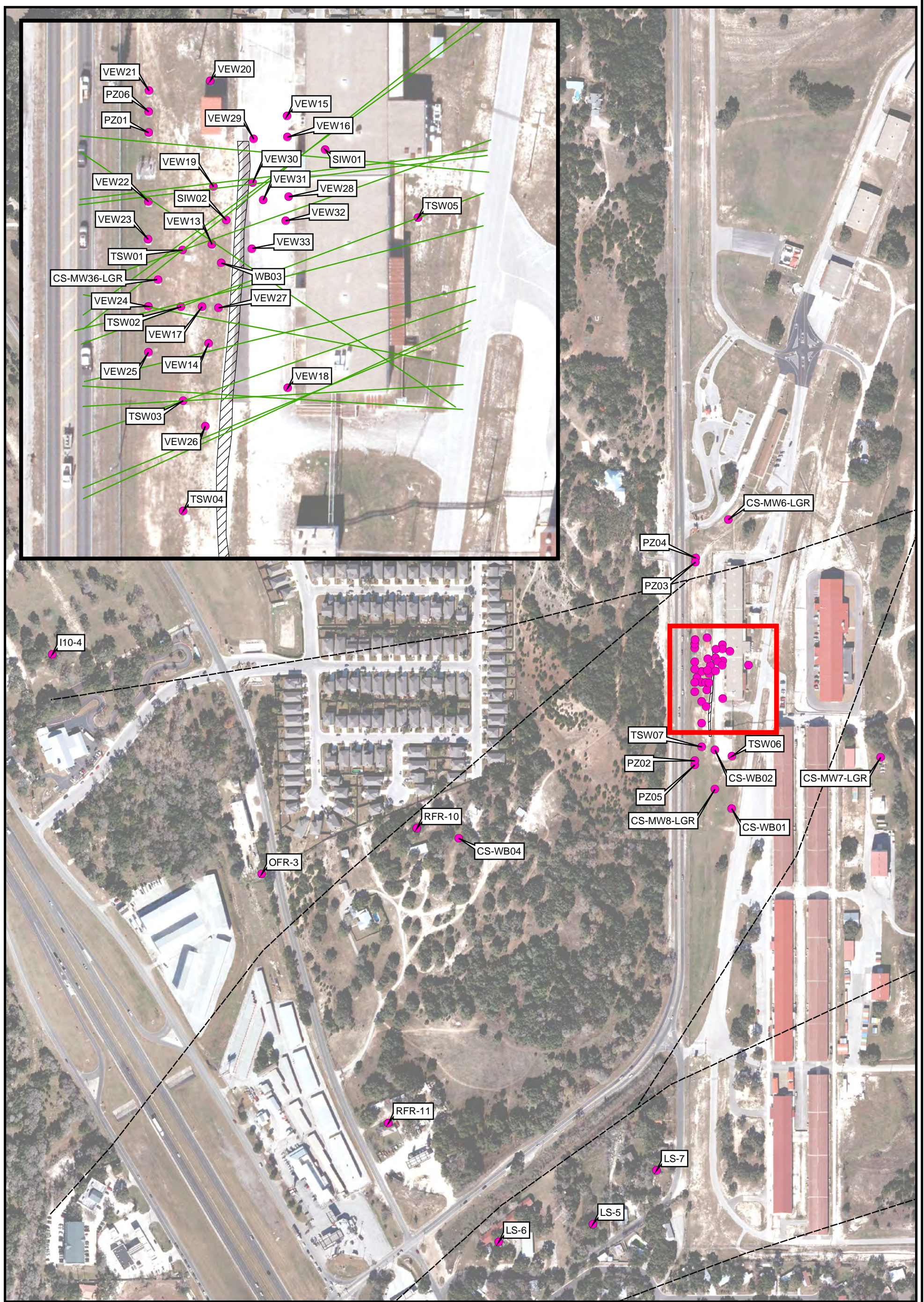
Next Steps

Quarterly monitoring and sampling will continue at AOC-65 at infiltration cells, nearby monitoring wells, private water supply wells, and all Westbay wells. Results will be analyzed to identify the most effective locations for additional sodium permanganate application.

Future plans include the installation of permanganate infused wax cylinders in monitoring wells around AOC-65. The presence of a protective wax barrier will slow down and control oxidant release, enhancing the efficiency of ISCO and allowing for long-term passive treatment of chlorinated solvent contamination. This will provide an ISCO source under all types of flow regimes ranging from intense rain events to extended periods of drought.

FIGURES AND TABLES

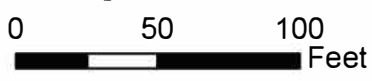




0 200 400 800 Feet

- Monitoring Locations
- Fracture trends identified in IRA
- - - USGS mapped faults
- ▨ Trench with ISCO Infiltration Gallery

Figure 2
 AOC-65 ISCO
 Monitoring Locations
 Camp Stanley Storage Activity
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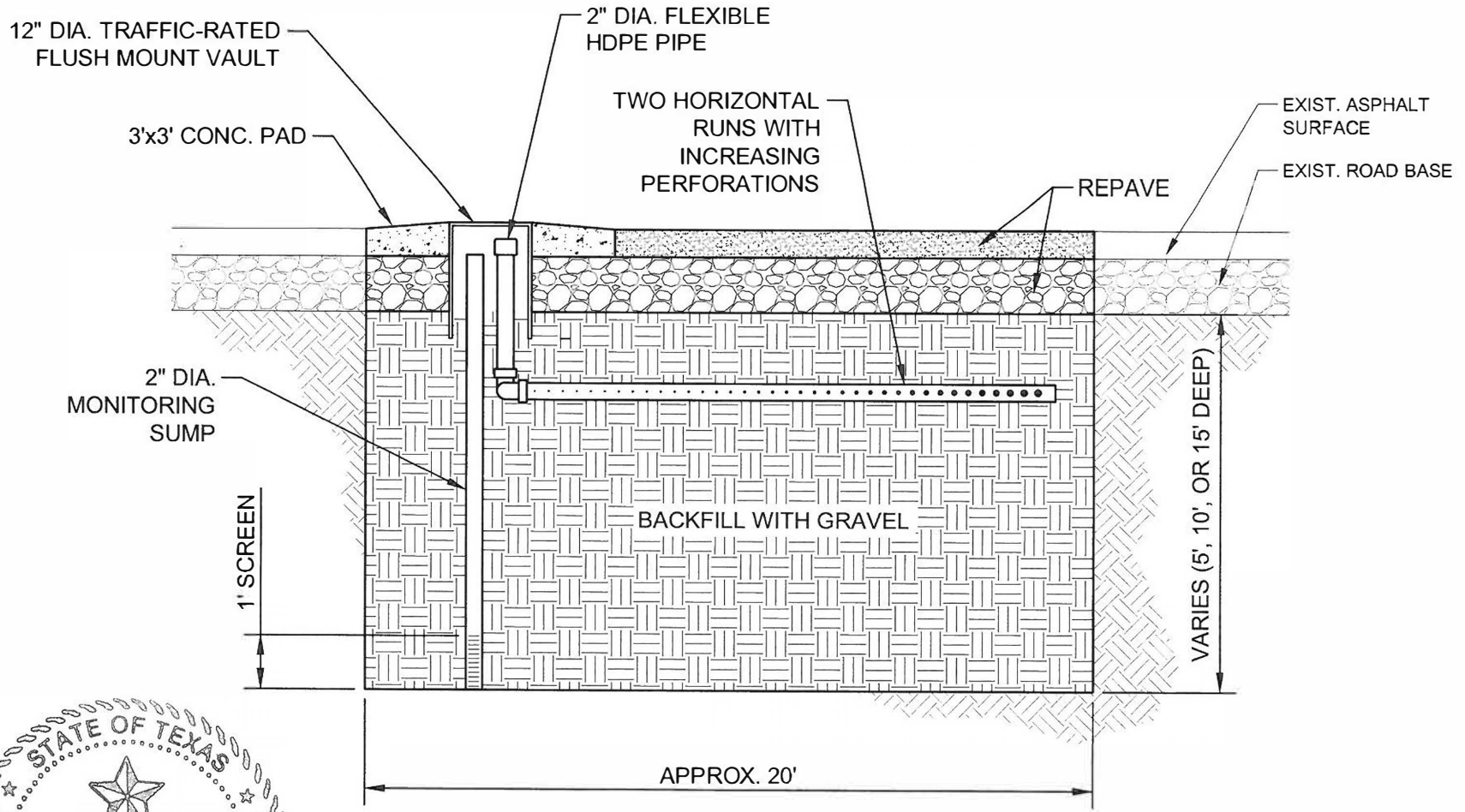


- ISCO Injection Well
- Existing ISCO Injection Trench
- New ISCO Infiltration Cell

Figure 3

**AOC-65 ISCO Wells and
Infiltration Cells
Camp Stanley Storage Activity**

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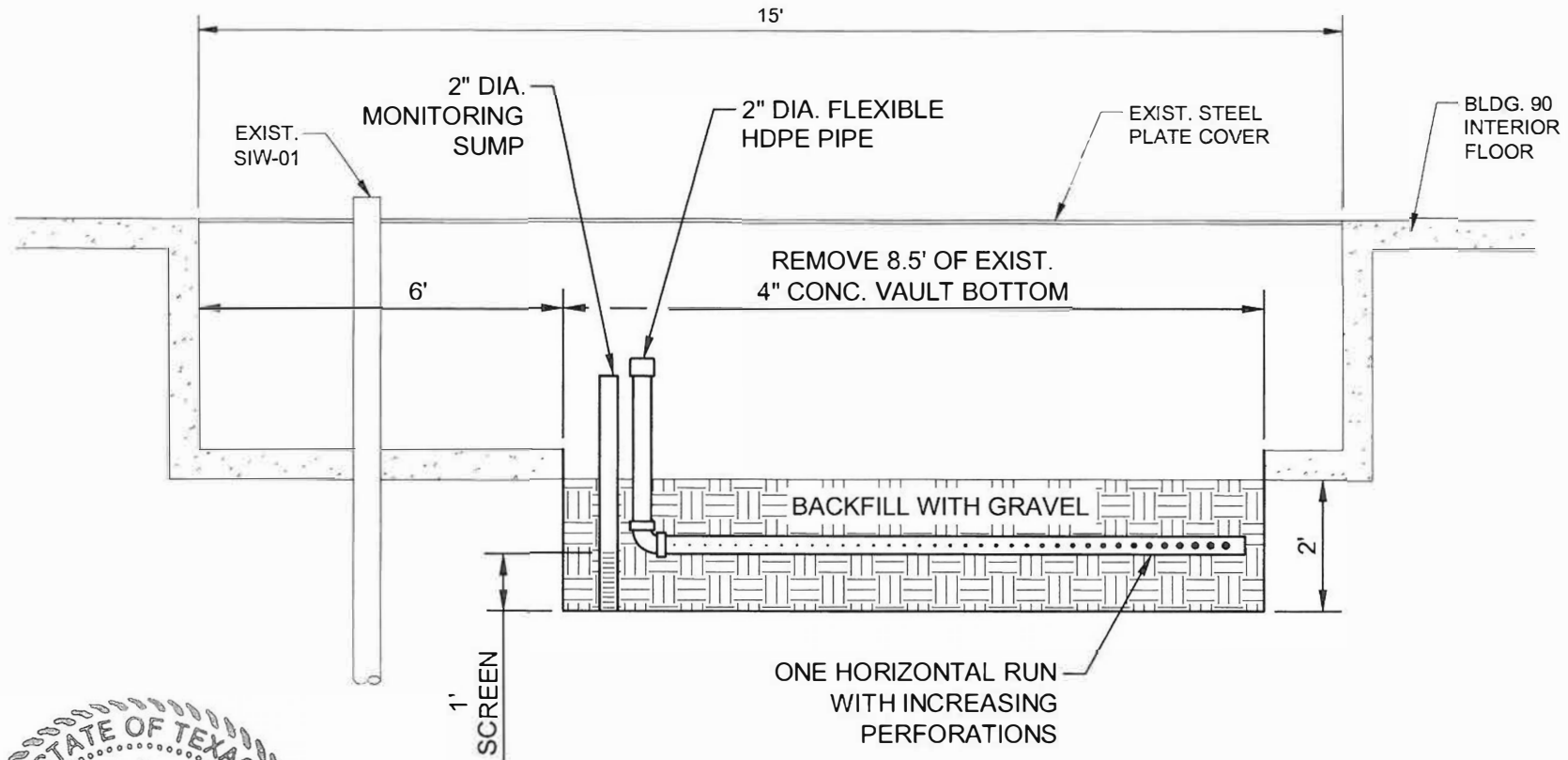
STATE OF TEXAS
KIRK WILLIAM LAWSON
79204
PROF. REGISTERED
ENGINEER
#26-2015
Kirk W. Lawson

Figure 4

ISCO Infiltration Gallery Cells

Camp Stanley Storage Activity, Texas

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STATE OF TEXAS
KIRK WILLIAM LAWSON
79204
REGISTERED PROFESSIONAL ENGINEER
4-26-2015
Kirk C. Lawson

Figure 5
ISCO Building 90 Vault Infiltration Gallery
Camp Stanley Storage Activity, Texas
PARSONS

Table 1 General History of AOC-65

Date	Activity
Prior to 1995	Chlorinated solvent PCE was used as a cleaning agent in and around Building 90 for more than 30 years.
1995	Citrus-based cleaner usage replaced chlorinated solvents at Building 90.
1999	PCE was identified in wells in the vicinity of Building 90 during the Resource Conservation and Recovery Act (RCRA) Facility Investigation (RFI).
2001	Soil gas survey conducted at over 300 points in and around Building 90. The soil gas survey detected PCE and its natural degradation products TCE, <i>cis</i> -1,2-dichloroethene (DCE), and <i>trans</i> -1,2-DCE.
2002	RFI report for AOC-65 completed. Interim removal action (IRA) completed including the removal of surface soils underlying pavement and drainage swale west of Building 90. The drainage swale was lined with concrete to prevent rainwater run-off infiltration.
2002 - 2012	Soil vapor extraction (SVE) treatability study system installed and operated within AOC-65. The SVE system was enhanced in 2006 and 2010, including installation of additional blowers and vapor extraction wells (VEWs).
2011	Steam enhanced extraction treatability study conducted. SVE system returned to normal operations following test completion.
February 2012	Onset of ISCO related activities including a second IRA to remove contaminated soil and bedrock west of Building 90, and subsequent installation of an ISCO infiltration gallery within the excavation trench.
August 2012	Phase I ISCO injection including the injection of ~10 tons of sodium persulfate within the infiltration gallery trench and SIW-01.
August 2012	SVE system operations formally terminated due to its significantly decreased effectiveness. Specifics regarding the termination of SVE activities are provided in the <i>2012 Update to AOC-65 Soil Vapor Extraction Operations and Maintenance Assessment Report</i> (Parsons, 2012)
May 2013	Phase II ISCO injection including the application of ~22 tons of sodium persulfate within the infiltration gallery trench, SIW-01, and four newly installed ISCO Injection Wells (IIWs).
September – November 2014	Phase III ISCO injection including the application of ~66 tons of sodium persulfate within the infiltration gallery trench, SIW-01, and IIWs.
August 2015 and November 2015	Phase IV ISCO injections including the application of 3,500 gallons of 0.45 mg/L and 7,000 gallons of 0.9 mg/L sodium permanganate within five newly constructed infiltration cells inside and west of building 90 (2 interior and 3 exterior).

Table 2 ISCO Monitoring Location Categories

Off-Post Supply Wells	Off-Post Monitoring Wells	Westbay Wells	
RFR-10	I10-4	Zone Breakdown	
RFR-11	WB04 (11 zones)	Zones:	
OFR-3		UGR-01	
LS-5		LGR-01	WB01, 02, & 03
LS-6		LGR-02	LGR-09
LS-7		LGR-03	UGR-01
		LGR-04	LGR-01
		LGR-05 (WB01, 02, & 03 only)	
		LGR-06	WB04
		LGR-07	LGR-11
		LGR-08	
		LGR-09	
		LGR-10 (WB04 only)	
		LGR-11 (WB04 only)	
On-Post Monitoring Wells	On-Post Vapor Extraction Wells		
CS-MW6-LGR	VEW-15		
CS-MW7-LGR	VEW-16		
CS-MW8-LGR	VEW-17		
CS-MW36-LGR	VEW-18		
PZ-01	VEW-19		
PZ-02	VEW-20		
PZ-03	VEW-21		
PZ-04	VEW-22		
PZ-05	VEW-23		
PZ-06	VEW-24		
TSW-01	VEW-25		
TSW-02	VEW-26		
TSW-03	VEW-27		
TSW-04	VEW-28A		
TSW-05	VEW-28B		
TSW-06	VEW-29		
TSW-07	VEW-30		
WB01 (9 zones)	VEW-31		
WB02 (9 zones)	VEW-32		
WB03 (9 zones)	VEW-33		

Notes:

- All wells/WB zones sampled during Baseline sampling event(s).
- Observation sampling locations.
- Performance sampling locations.
- Field parameters may be collected at PZ, TSW, and VEW locations periodically.

Table 3 VOC Concentrations at AOC-65 Observation and Performance Monitoring Wells

Well ID	Sample Date	1,1-Dichloroethene µg/L	cis-1,2-Dichloroethene µg/L	Tetrachloroethene (PCE) µg/L	Trichloroethene (TCE) µg/L	trans-1,2-Dichloroethene µg/L	Vinyl chloride µg/L
Observation Wells							
LS-5	3/7/2012	0.12	0.070	0.81	2.5	0.080	0.080
	6/4/2012	0.12	0.070	1.2	3.3	0.080	0.080
	8/3/2012	0.12	0.070	0.40	1.2	0.080	0.080
	8/6/2012	0.12	0.070	1.3	2.8	0.080	0.080
	8/16/2012	0.12	0.070	1.2	2.8	0.080	0.080
	8/30/2012	0.12	0.070	0.84	3.0	0.080	0.080
	10/1/2012	0.12	0.070	0.98	2.5	0.080	0.080
	12/3/2012	0.12	0.070	0.84	2.7	0.080	0.080
	3/11/2013	0.12	0.070	0.80	2.7	0.080	0.080
	4/23/2013	0.12	0.070	1.2	3.1	0.080	0.080
	6/19/2013	0.12	0.070	0.84	2.3	0.080	0.080
	7/19/2013	0.12	0.070	0.72	2.4	0.080	0.080
	9/17/2013	0.12	0.070	0.95	2.7	0.080	0.080
	12/9/2013	0.12	0.070	0.95	2.5	0.080	0.080
	3/5/2014	0.12	0.070	1.0	3.0	0.080	0.080
	6/2/2014	0.12	0.070	0.85	2.8	0.080	0.080
	9/3/2014	0.12	0.070	0.88	3.1	0.080	0.080
	12/1/2014	0.12	0.070	0.91	2.9	0.080	0.080
	3/2/2015	0.12	0.070	0.98	3.4	0.080	0.080
	6/1/2015	0.12	0.070	1.2	2.7	0.080	0.080
9/8/2015	0.12	0.070	0.83	2.4	0.080	0.080	
11/30/2015	0.12	0.070	1.0	2.1	0.080	0.080	
3/7/2016	0.12	0.070	1.1	2.5	0.080	0.080	
6/6/2016	0.12	0.070	0.88	1.8	0.080	0.080	
LS-6	3/7/2012	0.12	0.070	0.81	1.8	0.080	0.080
	6/4/2012	0.12	0.070	1.1	3.4	0.080	0.080
	8/3/2012	0.12	0.070	0.76	1.6	0.080	0.080
	8/6/2012	0.12	0.070	0.74	2.0	0.080	0.080
	8/16/2012	0.12	0.070	0.87	1.5	0.080	0.080
	8/30/2012	0.12	0.070	0.55	1.8	0.080	0.080
	10/1/2012	0.12	0.070	0.69	1.9	0.080	0.080
	12/3/2012	0.12	0.070	0.85	2.2	0.080	0.080
	3/11/2013	0.12	0.070	0.87	2.7	0.080	0.080
	4/23/2013	0.12	0.070	1.1	3.0	0.080	0.080
	6/19/2013	0.12	0.070	0.68	3.0	0.080	0.080
	7/19/2013	0.12	0.070	0.58	1.9	0.080	0.080
	9/17/2013	0.12	0.070	0.68	2.1	0.080	0.080
	12/9/2013	0.12	0.070	0.84	2.7	0.080	0.080
	3/5/2014	0.12	0.070	0.76	3.2	0.080	0.080
	6/2/2014	0.12	0.070	0.91	3.2	0.080	0.080
	9/3/2014	0.12	0.070	0.80	3.1	0.080	0.080
	12/1/2014	0.12	0.070	0.93	3.7	0.080	0.080
	3/2/2015	0.12	0.070	0.81	3.5	0.080	0.080
	6/1/2015	0.12	0.070	0.29	0.050	0.080	0.080
9/8/2015	0.12	0.070	0.62	2.0	0.080	0.080	
11/30/2015	0.12	0.070	0.060	0.050	0.080	0.080	
3/7/2016	0.12	0.070	0.76	1.5	0.080	0.080	
6/6/2016	0.12	0.070	0.72	0.89	0.080	0.080	
LS-7	3/7/2012	0.12	0.070	2.4	0.36	0.080	0.080
	6/4/2012	0.12	0.070	3.1	0.42	0.080	0.080
	8/3/2012	0.12	0.070	1.8	0.30	0.080	0.080
	8/6/2012	0.12	0.070	2.8	0.41	0.080	0.080
	8/16/2012	0.12	0.070	2.4	0.30	0.080	0.080
	8/30/2012	0.12	0.070	2.6	0.66	0.080	0.080
	10/1/2012	0.12	0.070	1.7	0.46	0.080	0.080
	12/3/2012	0.12	0.070	2.0	0.43	0.080	0.080
	3/11/2013	0.12	0.070	2.0	0.41	0.080	0.080
	4/23/2013	0.12	0.070	2.7	0.27	0.080	0.080
6/19/2013	0.12	0.070	1.7	0.24	0.080	0.080	

Table 3 VOC Concentrations at AOC-65 Observation and Performance Monitoring Wells

Well ID	Sample Date	1,1-Dichloroethene µg/L	cis-1,2-Dichloroethene µg/L	Tetrachloroethene (PCE) µg/L	Trichloroethene (TCE) µg/L	trans-1,2-Dichloroethene µg/L	Vinyl chloride µg/L
	7/19/2013	0.12	0.070	2.0	0.24	0.080	0.080
	9/17/2013	0.12	0.070	1.9	0.19	0.080	0.080
	12/9/2013	0.12	0.070	2.1	0.23	0.080	0.080
	3/5/2014	0.12	0.070	1.6	0.44	0.080	0.080
	6/2/2014	0.12	0.070	2.1	0.46	0.080	0.080
	9/3/2014	0.12	0.070	2.1	0.54	0.080	0.080
	10/15/2014	0.12	0.070	2.2	0.47	0.080	0.080
	10/29/2014	0.12	0.070	1.7	0.37	0.080	0.080
	11/18/2014	0.12	0.070	2.0	0.45	0.080	0.080
	12/1/2014	0.12	0.070	2.0	0.38	0.080	0.080
	3/2/2015	0.12	0.070	1.9	0.44	0.080	0.080
	6/1/2015	0.12	0.070	0.060	0.050	0.080	0.080
	9/8/2015	0.12	0.070	1.3	0.050	0.080	0.080
	11/30/2015	0.12	0.070	0.24	0.050	0.080	0.080
	3/7/2016	0.12	0.070	1.6	0.28	0.080	0.080
	6/6/2016	0.12	0.070	0.62	0.050	0.080	0.080
OFR-3	3/8/2012	0.12	0.17	5.2	3.3	0.080	0.080
	6/4/2012	0.12	0.070	6.5	6.6	0.080	0.080
	8/3/2012	0.12	0.070	3.9	3.0	0.080	0.080
	8/6/2012	0.12	0.070	5.0	3.2	0.080	0.080
	8/16/2012	0.12	0.070	7.1	4.5	0.080	0.080
	8/30/2012	0.12	0.070	7.9	5.8	0.080	0.080
	12/6/2012	0.12	0.070	3.4	3.1	0.080	0.080
	3/11/2013	0.12	0.070	3.2	2.9	0.080	0.080
	4/23/2013	0.12	0.25	11	7.0	0.080	0.080
	4/3/2015	0.12	0.070	6.2	3.3	0.080	0.080
	6/1/2015	0.12	0.070	4.2	2.6	0.080	0.080
	9/8/2015	0.12	0.070	6.9	3.6	0.080	0.080
	11/30/2015	0.12	0.070	3.5	1.9	0.080	0.080
	3/7/2016	0.12	0.070	2.9	2.4	0.080	0.080
	6/6/2016	0.12	0.070	3.2	3.0	0.080	0.080
RFR-10	3/8/2012	0.12	0.40	16	10	0.080	0.080
	6/4/2012	0.12	0.49	26	14	0.080	0.080
	8/3/2012	0.12	0.33	8.9	3.4	0.080	0.080
	8/6/2012	0.12	0.070	12	4.5	0.080	0.080
	8/16/2012	0.12	0.070	8.5	3.1	0.080	0.080
	8/30/2012	0.12	0.070	12	4.8	0.080	0.080
	10/1/2012	0.12	0.070	9.6	4.6	0.080	0.080
	12/3/2012	0.12	0.29	18	7.7	0.080	0.080
	3/11/2013	0.12	0.070	8.4	3.2	0.080	0.080
	4/23/2013	0.12	0.070	12	4.3	0.080	0.080
	6/19/2013	0.12	0.28	13	8.7	0.080	0.080
	7/19/2013	0.12	0.21	15	6.9	0.080	0.080
	9/17/2013	0.12	0.070	7.4	2.3	0.080	0.080
	12/9/2013	0.12	0.16	14	6.4	0.080	0.080
	3/5/2014	0.12	0.070	8.4	3.4	0.080	0.080
	6/2/2014	0.12	0.070	9.4	4.9	0.080	0.080
	9/3/2014	0.12	0.070	6.8	2.4	0.080	0.080
	10/15/2014	0.12	0.070	6.1	2.2	0.080	0.080
	10/29/2014	0.12	0.070	6.4	2.0	0.080	0.080
	11/18/2014	0.12	0.18	11	8.0	0.080	0.080
	12/1/2014	0.12	0.19	12	7.1	0.080	0.080
	3/2/2015	0.12	0.35	22	14	0.080	0.080
	5/19/2015	0.12	0.070	7.9	4.7	0.080	0.080
	6/1/2015	0.12	0.13	9.2	5.5	0.080	0.080
	9/8/2015	0.12	0.070	20	7.9	0.080	0.080
	11/30/2015	0.12	0.070	6.3	3.5	0.080	0.080
	3/7/2016	0.12	0.18	14	7.4	0.080	0.080
	4/4/2016	0.12	0.17	12	6.7	0.080	0.080
	5/3/2016	0.12	0.070	6.5	4.5	0.080	0.080

Table 3 VOC Concentrations at AOC-65 Observation and Performance Monitoring Wells

Well ID	Sample Date	1,1-Dichloroethene µg/L	cis-1,2-Dichloroethene µg/L	Tetrachloroethene (PCE) µg/L	Trichloroethene (TCE) µg/L	trans-1,2-Dichloroethene µg/L	Vinyl chloride µg/L
	6/6/2016	0.12	0.070	7.7	4.9	0.080	0.080
RFR-11	3/8/2012	0.12	0.070	0.47	1.7	0.080	0.080
	6/4/2012	0.12	0.070	1.2	2.0	0.080	0.080
	8/3/2012	0.12	0.070	0.55	2.1	0.080	0.080
	8/6/2012	0.12	0.070	0.47	1.9	0.080	0.080
	8/16/2012	0.12	0.070	0.80	2.7	0.080	0.080
	8/30/2012	0.12	0.070	0.54	2.9	0.080	0.080
	12/3/2012	0.12	0.070	0.67	2.0	0.080	0.080
	3/11/2013	0.12	0.070	0.59	2.3	0.080	0.080
	4/23/2013	0.12	0.070	0.79	2.7	0.080	0.080
	6/19/2013	0.12	0.070	0.64	2.3	0.080	0.080
	7/19/2013	0.12	0.070	0.63	2.6	0.080	0.080
	9/17/2013	0.12	0.070	0.65	2.1	0.080	0.080
	12/9/2013	0.12	0.070	0.060	2.5	0.080	0.080
	3/5/2014	0.12	0.070	0.54	2.3	0.080	0.080
	6/2/2014	0.12	0.070	0.69	2.4	0.080	0.080
	9/3/2014	0.12	0.070	0.73	2.6	0.080	0.080
	12/1/2014	0.12	0.070	0.81	2.7	0.080	0.080
	3/2/2015	0.12	0.070	0.77	2.6	0.080	0.080
	6/1/2015	0.12	0.070	0.93	0.050	0.080	0.080
	9/8/2015	0.12	0.070	0.84	1.7	0.080	0.080
	11/30/2015	0.12	0.070	1.2	0.050	0.080	0.080
	3/7/2016	0.12	0.070	0.96	1.6	0.080	0.080
	6/6/2016	0.12	0.070	0.94	0.30	0.080	0.080
CS-MW6-LGR	3/20/2012	0.12	0.070	0.25	0.050	0.080	0.080
	8/6/2012	0.12	0.070	0.060	0.050	0.080	0.080
	8/16/2012	0.12	0.070	0.060	0.050	0.080	0.080
	8/31/2012	0.12	0.070	0.060	0.050	0.080	0.080
	12/13/2012	0.12	0.070	0.060	0.050	0.080	0.080
	4/22/2013	0.12	0.070	0.22	0.050	0.080	0.080
	6/19/2013	0.12	0.070	0.060	0.050	0.080	0.080
	7/19/2013	0.12	0.070	0.060	0.050	0.080	0.080
	9/17/2013	0.12	0.070	0.060	0.050	0.080	0.080
	11/20/2013	0.12	0.070	0.060	0.050	0.080	0.080
	2/13/2014	0.12	0.070	0.060	0.050	0.080	0.080
	6/17/2014	0.12	0.070	0.060	0.050	0.080	0.080
	9/4/2014	0.12	0.070	0.060	0.050	0.080	0.080
	11/13/2014	0.12	0.070	0.060	0.050	0.080	0.080
	3/10/2015	0.12	0.070	0.060	0.050	0.080	0.080
	6/10/2015	0.12	0.070	0.65	0.050	0.080	0.080
	9/11/2015	0.12	0.070	0.060	0.050	0.080	0.080
	12/9/2015	0.12	0.070	0.26	0.050	0.080	0.080
	3/8/2016	0.12	0.070	0.060	0.050	0.080	0.080
	6/7/2016	0.12	0.070	0.70	0.050	0.080	0.080
CS-MW7-LGR	3/20/2012	0.12	0.070	0.69	0.050	0.080	0.080
	8/6/2012	0.12	0.070	0.35	0.050	0.080	0.080
	8/16/2012	0.12	0.070	0.40	0.050	0.080	0.080
	8/31/2012	0.12	0.070	0.53	0.050	0.080	0.080
	12/17/2012	0.12	0.070	0.060	0.050	0.080	0.080
	4/22/2013	0.12	0.070	0.89	0.050	0.080	0.080
	6/19/2013	0.12	0.070	0.39	0.050	0.080	0.080
	7/19/2013	0.12	0.070	0.50	0.050	0.080	0.080
	9/19/2013	0.12	0.070	0.68	0.050	0.080	0.080
	11/20/2013	0.12	0.070	0.51	0.050	0.080	0.080
	2/13/2014	0.12	0.070	0.80	0.050	0.080	0.080
	6/20/2014	0.12	0.070	0.83	0.050	0.080	0.080
	9/4/2014	0.12	0.070	0.71	0.050	0.080	0.080
	11/13/2014	0.12	0.070	1.1	0.050	0.080	0.080
	3/10/2015	0.12	0.070	0.87	0.050	0.080	0.080
	6/10/2015	0.12	0.070	0.77	0.050	0.080	0.080

Table 3

VOC Concentrations at AOC-65 Observation and Performance Monitoring Wells

Well ID	Sample Date	1,1-Dichloroethene µg/L	cis-1,2-Dichloroethene µg/L	Tetrachloroethene (PCE) µg/L	Trichloroethene (TCE) µg/L	trans-1,2-Dichloroethene µg/L	Vinyl chloride µg/L
	9/14/2015	0.12	0.070	0.78	0.050	0.080	0.080
	12/9/2015	0.12	0.070	0.81	0.050	0.080	0.080
	3/8/2016	0.12	0.070	0.93	0.050	0.080	0.080
	6/7/2016	0.12	0.070	0.72	0.050	0.080	0.080
CS-MW8-LGR	3/20/2012	0.12	0.070	2.4	0.050	0.080	0.080
	8/6/2012	0.12	0.070	1.6	0.050	0.080	0.080
	8/16/2012	0.12	0.070	2.4	0.050	0.080	0.080
	8/30/2012	0.12	0.070	2.0	0.050	0.080	0.080
	9/11/2012	0.12	0.070	1.8	0.050	0.080	0.080
	12/13/2012	0.12	0.070	2.1	0.050	0.080	0.080
	4/22/2013	0.12	0.070	3.0	0.16	0.080	0.080
	6/19/2013	0.12	0.070	2.5	0.050	0.080	0.080
	7/19/2013	0.12	0.070	1.6	0.050	0.080	0.080
	9/17/2013	0.12	0.070	1.4	0.050	0.080	0.080
	11/20/2013	0.12	0.070	3.1	0.050	0.080	0.080
	3/6/2014	0.12	0.070	1.8	0.050	0.080	0.080
	6/17/2014	0.12	0.070	3.3	0.050	0.080	0.080
	9/4/2014	0.12	0.070	1.5	0.050	0.080	0.080
	11/13/2014	0.12	0.070	2.2	0.050	0.080	0.080
	3/10/2015	0.12	0.070	3.4	0.050	0.080	0.080
	6/10/2015	0.12	0.070	2.4	0.050	0.080	0.080
	9/11/2015	0.12	0.070	2.4	0.050	0.080	0.080
	12/9/2015	0.12	0.070	2.7	0.050	0.080	0.080
	3/8/2016	0.12	0.070	3.2	0.050	0.080	0.080
	6/7/2016	0.12	0.070	2.8	0.050	0.080	0.080
CS-MW36-LGR	3/19/2012	0.12	0.070	8.4	4.9	0.080	0.080
	6/11/2012	0.12	0.070	7.7	1.8	0.080	0.080
	8/6/2012	0.12	1.6	19	46	0.080	0.080
	8/16/2012	0.12	2.0	22	57	0.080	0.080
	8/30/2012	0.12	1.7	21	55	0.080	0.080
	10/2/2012	0.12	0.34	9.0	13	0.080	0.080
	12/13/2012	0.12	0.63	13	19	0.080	0.080
	3/5/2013	0.12	1.7	27	65	0.080	0.080
	4/22/2013	0.12	2.2	31	69	0.080	0.080
	6/19/2013	0.12	0.070	7.6	6.3	0.080	0.080
	7/19/2013	0.12	0.83	16	31	0.080	0.080
	9/17/2013	0.12	0.78	16	29	0.080	0.080
	12/2/2013	0.12	0.38	11	15	0.080	0.080
	3/6/2014	0.12	0.79	18	33	0.080	0.080
	6/17/2014	0.12	0.070	9.6	7.8	0.080	0.080
	9/9/2014	0.12	0.63	16	23	0.080	0.080
	10/2/2014	0.12	0.72	22	31	0.080	0.080
	10/15/2014	0.12	0.74	18	28	0.080	0.080
	10/29/2014	0.12	0.62	18	26	0.080	0.080
	11/13/2014	0.12	0.29	12	12	0.080	0.080
	12/2/2014	0.12	0.17	13	11	0.080	0.080
	3/10/2015	0.12	0.70	17	28	0.080	0.080
	6/10/2015	0.12	0.070	8.7	6.3	0.080	0.080
	9/11/2015	0.12	0.36	13	12	0.080	0.080
	12/9/2015	0.12	0.070	6.7	2.3	0.080	0.080
	3/8/2016	0.12	0.28	8.3	7.9	0.080	0.080
	6/7/2016	0.12	0.070	4.1	1.5	0.080	0.080
CS-WB01-LGR-09	3/12/2012	0.12	0.37	14	19	0.080	0.080
	8/3/2012	0.12	0.35	11	16	0.080	0.080
	8/6/2012	0.12	0.41	18	22	0.080	0.080
	8/17/2012	0.12	0.43	17	19	0.080	0.080
	8/30/2012	0.12	0.40	18	22	0.080	0.080
	9/4/2012	0.12	0.39	15	19	0.080	0.080
	12/12/2012	0.12	0.39	13	18	0.080	0.080
	4/23/2013	0.12	0.63	19	25	0.080	0.080

Table 3 VOC Concentrations at AOC-65 Observation and Performance Monitoring Wells

Well ID	Sample Date	1,1-Dichloroethene µg/L	cis-1,2-Dichloroethene µg/L	Tetrachloroethene (PCE) µg/L	Trichloroethene (TCE) µg/L	trans-1,2-Dichloroethene µg/L	Vinyl chloride µg/L
	6/13/2013	0.12	0.53	8.6	12	0.080	0.080
	7/22/2013	0.12	0.50	8.7	13	0.080	0.080
	9/23/2013	0.12	0.40	7.0	11	0.080	0.080
	12/4/2013	0.12	0.43	12	14	0.080	0.080
	3/20/2014	0.12	0.61	14	16	0.080	0.080
	6/25/2014	0.12	0.35	12	14	0.080	0.080
	9/16/2014	0.12	0.50	16	15	0.080	0.080
	12/9/2014	0.12	0.41	10	13	0.080	0.080
	3/23/2015	0.12	0.35	6.5	8.7	0.080	0.28
	6/17/2015	0.12	0.80	11	14	0.080	0.080
	9/16/2015	0.12	0.60	12	14	0.080	0.080
	12/2/2015	0.12	0.58	17	19	0.080	0.080
	3/9/2016	0.12	0.44	10	12	0.080	0.080
	6/8/2016	0.12	0.69	9.6	13	0.080	0.080
CS-WB02-LGR-09	3/12/2012	0.12	0.31	16	14	0.080	0.080
	8/3/2012	0.12	0.070	12	11	0.080	0.080
	8/6/2012	0.12	0.23	8.1	7.3	0.080	0.080
	8/17/2012	0.12	0.42	14	13	0.080	0.080
	8/30/2012	0.12	0.29	15	11	0.080	0.080
	9/4/2012	0.12	0.31	14	12	0.080	0.080
	12/12/2012	0.12	0.070	120	12	0.080	0.080
	4/29/2013	0.12	0.28	12	11	0.080	0.080
	6/12/2013	0.12	0.32	110	11	0.080	0.080
	7/22/2013	0.12	0.28	13	12	0.080	0.080
	9/18/2013	0.12	0.27	260	11	0.080	0.080
	12/4/2013	0.12	0.26	47	9.5	0.080	0.080
	3/19/2014	0.12	0.070	7.8	5.8	0.080	0.080
	6/24/2014	0.12	0.28	430	11	0.080	0.080
	9/16/2014	0.60	0.35	120	9.6	0.40	0.40
	10/2/2014	0.12	0.070	10	9.1	0.080	0.080
	10/15/2014	0.12	0.28	12	11	0.080	0.080
	10/29/2014	0.12	0.070	6.9	6.1	0.080	0.080
	11/13/2014	0.12	0.24	97	10.0	0.080	0.080
	12/10/2014	0.12	0.20	7.6	7.0	0.080	0.080
	3/23/2015	0.12	0.21	7.9	8.0	0.080	0.080
	6/22/2015	0.12	0.21	17	9.7	0.080	0.080
	9/23/2015	0.12	0.20	9.4	7.3	0.080	0.080
	12/2/2015	0.12	0.18	14	11	0.080	0.080
	3/14/2016	0.12	0.070	5.7	6.2	0.080	0.080
	6/14/2016	0.12	0.070	7.3	7.4	0.080	0.080
CS-WB03-LGR-09	3/13/2012	0.12	21	9.1	5.0	0.080	0.080
	8/6/2012	0.12	8.6	2.5	2.0	0.080	0.080
	8/16/2012	0.12	9.2	4.3	4.1	0.080	0.080
	8/30/2012	0.12	10.0	4.2	3.3	0.080	0.080
	9/5/2012	0.12	12	3.5	3.8	0.080	0.080
	12/12/2012	0.12	20	3.5	2.4	0.080	0.080
	4/23/2013	0.12	7.6	3.5	3.3	0.080	0.080
	6/12/2013	0.12	8.9	1.6	2.1	0.080	0.080
	7/22/2013	0.12	15	1.8	1.8	0.080	0.080
	9/18/2013	0.12	9.6	1.3	2.2	0.080	0.080
	12/4/2013	0.12	10	1.3	1.7	0.080	0.080
	3/17/2014	0.12	4.1	2.9	1.5	0.080	0.92
	6/24/2014	0.12	4.0	1.8	2.5	0.080	0.080
	9/16/2014	0.12	1.9	3.0	4.3	0.080	0.080
	12/3/2014	0.12	1.7	2.0	1.3	0.080	0.080
	3/24/2015	0.12	1.8	0.75	1.2	0.080	0.080
	6/18/2015	0.12	0.070	2.9	3.7	0.080	0.080
	9/17/2015	0.12	0.49	4.6	4.4	0.080	0.080
	12/2/2015	0.12	0.20	3.2	3.8	0.080	0.080
	3/14/2016	0.12	0.070	2.3	2.6	0.080	0.080

Table 3

VOC Concentrations at AOC-65 Observation and Performance Monitoring Wells

Well ID	Sample Date	1,1-Dichloroethene µg/L	cis-1,2-Dichloroethene µg/L	Tetrachloroethene (PCE) µg/L	Trichloroethene (TCE) µg/L	trans-1,2-Dichloroethene µg/L	Vinyl chloride µg/L
	6/15/2016	0.12	0.070	1.9	2.7	0.080	0.080
CS-WB04-LGR-11	3/13/2012	0.12	0.070	0.42	0.21	0.080	0.080
	8/6/2012	0.12	0.070	0.060	0.050	0.080	0.080
	8/16/2012	0.12	0.070	0.29	0.050	0.080	0.080
	8/30/2012	0.12	0.070	0.060	0.050	0.080	0.080
	9/6/2012	0.12	0.070	0.27	0.050	0.080	0.080
	10/2/2012	0.12	0.070	0.060	0.050	0.080	0.080
	12/12/2012	0.12	0.070	0.060	0.050	0.080	0.080
	4/24/2013	0.12	0.070	0.40	0.050	0.080	0.080
	6/20/2013	0.12	0.070	0.24	0.050	0.080	0.080
	7/22/2013	0.12	0.070	0.12	0.050	0.080	0.080
	9/23/2013	0.12	0.070	0.27	0.050	0.080	0.080
	12/2/2013	0.12	0.070	0.060	0.050	0.080	0.080
	3/6/2014	0.12	0.070	0.060	0.050	0.080	0.42
	6/25/2014	0.12	0.070	1.2	0.050	0.080	0.080
	9/17/2014	0.12	0.070	0.73	0.050	0.080	0.080
	12/8/2014	0.12	0.070	0.92	0.050	0.080	0.080
	3/24/2015	0.12	0.070	440	2.7	0.080	0.080
	5/18/2015	0.12	0.070	0.28	0.050	0.080	0.080
	9/22/2015	0.12	0.070	1.5	0.050	0.080	0.080
	12/3/2015	0.12	0.070	22	0.12	0.080	0.080
3/8/2016	0.12	0.070	0.060	0.050	0.080	0.080	
6/9/2016	0.12	0.070	0.060	0.050	0.080	0.080	
Performance Wells							
PZ-01	7/20/2012	0.12	0.070	8.6	3.9	0.080	0.080
	1/9/2013	0.12	0.070	8.7	2.6	0.080	0.080
	4/16/2013	0.12	0.070	6.2	2.5	0.080	0.080
	6/19/2013	0.12	0.070	4.4	2.4	0.080	0.080
	7/23/2013	0.12	0.070	10	3.9	0.080	0.080
	9/17/2013	0.12	0.070	5.6	3.2	0.080	0.080
	11/18/2013	0.12	0.070	7.8	3.0	0.080	0.080
	2/10/2014	0.12	0.070	6.9	3.0	0.080	0.080
	5/14/2014	0.12	0.070	13	5.8	0.080	0.080
	8/6/2014	0.12	0.070	13	4.3	0.080	0.080
	11/18/2014	0.12	0.070	12	5.1	0.080	0.080
	2/19/2015	0.12	0.070	12	4.9	0.080	0.080
	5/14/2015	0.12	0.070	14	5.8	0.080	0.080
	9/24/2015	0.12	0.070	4.4	1.7	0.080	0.080
	12/1/2015	0.12	0.070	3.6	1.6	0.080	0.080
	1/13/2016	0.12	0.070	4.0	1.5	0.080	0.080
	2/10/2016	0.12	0.070	4.4	2.0	0.080	0.080
	3/10/2016	0.12	0.070	5.2	2.1	0.080	0.080
	6/20/2016	0.12	0.070	12	4.1	0.080	0.080
	PZ-02	7/20/2012	0.12	0.070	1.6	0.37	0.080
1/9/2013		0.12	0.070	2.7	1.7	0.080	0.080
4/16/2013		0.12	0.070	1.1	1.1	0.080	0.080
6/19/2013		0.12	0.070	1.1	1.3	0.080	0.080
7/23/2013		0.12	0.070	1.1	1.3	0.080	0.080
11/18/2013		0.12	0.070	1.5	0.93	0.080	0.080
2/10/2014		0.12	0.070	1.2	0.48	0.080	0.080
5/14/2014		0.12	0.070	0.87	0.21	0.080	0.080
8/6/2014		0.12	0.070	1.1	0.63	0.080	0.080
11/18/2014		0.12	0.070	1.0	0.50	0.080	0.080
2/18/2015		0.12	0.070	0.61	0.35	0.080	0.080
5/14/2015		0.12	0.070	0.46	0.87	0.080	0.080
9/24/2015		0.12	0.070	0.71	1.4	0.080	0.080
12/1/2015		0.12	0.070	1.3	1.2	0.080	0.080
1/13/2016		0.12	0.070	0.85	0.62	0.080	0.080
2/10/2016		0.12	0.070	0.77	0.78	0.080	0.080

Table 3 VOC Concentrations at AOC-65 Observation and Performance Monitoring Wells

Well ID	Sample Date	1,1-Dichloroethene µg/L	cis-1,2-Dichloroethene µg/L	Tetrachloroethene (PCE) µg/L	Trichloroethene (TCE) µg/L	trans-1,2-Dichloroethene µg/L	Vinyl chloride µg/L
	3/10/2016	0.12	0.070	0.56	0.90	0.080	0.080
	6/20/2016	0.12	0.070	0.39	1.4	0.080	0.080
PZ-05	7/20/2012	0.12	0.070	2.6	0.27	0.080	0.080
	1/9/2013	0.12	0.070	5.4	0.40	0.080	0.080
	4/16/2013	0.12	0.070	4.1	0.27	0.080	0.080
	6/19/2013	0.12	0.070	1.9	0.050	0.080	0.080
	7/23/2013	0.12	0.070	3.4	0.22	0.080	0.080
	9/17/2013	0.12	0.070	2.8	0.41	0.080	0.080
	11/18/2013	0.12	0.070	2.8	0.17	0.080	0.080
	2/10/2014	0.12	0.070	2.9	0.26	0.080	0.080
	5/14/2014	0.12	0.070	5.2	0.28	0.080	0.080
	8/6/2014	0.12	0.070	4.6	0.050	0.080	0.080
	11/18/2014	0.12	0.070	2.1	0.050	0.080	0.080
	2/18/2015	0.12	0.070	2.0	0.050	0.080	0.080
	5/14/2015	0.12	0.070	1.4	0.050	0.080	0.080
	9/24/2015	0.12	0.070	3.1	0.35	0.080	0.080
	12/1/2015	0.12	0.070	1.4	0.19	0.080	0.080
	1/13/2016	0.12	0.070	2.0	0.25	0.080	0.080
	2/10/2016	0.12	0.070	3.5	0.81	0.080	0.080
	3/10/2016	0.12	0.070	3.9	0.71	0.080	0.080
	6/20/2016	0.12	0.070	0.85	0.050	0.080	0.080
PZ-06	7/20/2012	0.12	0.070	0.060	0.050	0.080	0.080
	1/9/2013	0.12	0.070	16	0.24	0.080	0.080
	4/16/2013	0.12	0.070	6.8	0.22	0.080	0.080
	6/19/2013	0.12	0.070	8.5	0.20	0.080	0.080
	7/23/2013	0.12	0.070	5.4	0.050	0.080	0.080
	9/17/2013	0.12	0.070	2.9	0.18	0.080	0.080
	11/18/2013	0.12	0.070	6.6	0.050	0.080	0.080
	2/10/2014	0.12	0.070	5.4	0.20	0.080	0.080
	5/14/2014	0.12	0.070	4.8	0.26	0.080	0.080
	8/6/2014	0.12	0.070	5.6	0.050	0.080	0.080
	11/18/2014	0.12	0.070	5.3	0.050	0.080	0.080
	2/19/2015	0.12	0.070	6.4	0.26	0.080	0.080
	5/14/2015	0.12	0.070	16	0.33	0.080	0.080
	9/24/2015	0.12	0.070	5.5	0.17	0.080	0.080
	12/1/2015	0.12	0.070	8.3	0.13	0.080	0.080
	1/13/2016	0.12	0.070	14	0.050	0.080	0.080
	2/10/2016	0.12	0.070	9.6	0.21	0.080	0.080
	3/10/2016	0.12	0.070	10	0.27	0.080	0.080
	6/20/2016	0.12	0.070	10	0.18	0.080	0.080
TSW-01	7/18/2012	0.12	1.2	6,400	4.8	0.080	0.080
	8/30/2012	0.12	16	64,000	49	0.31	0.080
	9/28/2012	0.12	15	28,000	29	0.080	0.080
	10/1/2012	3.0	14	25,000	27	2.0	2.0
	1/9/2013	0.12	5.0	13,000	12	0.080	0.080
	4/16/2013	0.12	7.0	7,600	32	0.080	0.080
	6/19/2013	24	14	6,100	54	16	16
	7/23/2013	12	7.0	9,500	28	8.0	8.0
	9/17/2013	24	14	3,900	18	16	16
	11/18/2013	60	35	7,800	32	40	40
	2/10/2014	0.12	2.5	3,100	7.1	0.080	0.080
	5/14/2014	0.12	3.8	4,100	13	0.080	0.080
	8/6/2014	6.0	9.3	5,400	15	4.0	4.0
	10/2/2014	12	7.0	6,400	23	8.0	8.0
	10/15/2014	12	7.0	19,000	5.0	8.0	8.0
	10/29/2014	24	14	18,000	10	16	16
	11/18/2014	12	7.0	3,800	5.0	8.0	8.0
	2/19/2015	0.60	0.35	1,100	1.4	0.40	0.40
	5/14/2015	3.0	1.8	2,300	4.5	2.0	2.0

Table 3 VOC Concentrations at AOC-65 Observation and Performance Monitoring Wells

Well ID	Sample Date	1,1-Dichloroethene µg/L	cis-1,2-Dichloroethene µg/L	Tetrachloroethene (PCE) µg/L	Trichloroethene (TCE) µg/L	trans-1,2-Dichloroethene µg/L	Vinyl chloride µg/L
	9/24/2015	3.0	1.8	820	1.2	2.0	2.0
	11/30/2015	0.12	0.070	710	0.75	0.080	0.080
	1/13/2016	1.2	0.70	1,700	3.0	0.80	0.80
	2/10/2016	2.4	1.4	1,300	1.0	1.6	1.6
	3/10/2016	6.0	3.5	840	2.5	4.0	4.0
	6/21/2016	0.12	2.3	4,600	5.1	0.080	0.080
TSW-03	7/20/2012	0.12	0.070	1.9	0.97	0.080	0.080
	8/30/2012	0.12	0.070	3.1	0.63	0.080	0.080
	10/1/2012	0.12	0.070	12	0.25	0.080	0.080
	4/16/2013	0.12	0.070	4.1	3.4	0.080	0.080
	6/19/2013	0.12	0.070	2.5	2.4	0.080	0.080
	7/23/2013	0.12	0.070	1.4	2.4	0.080	0.080
	9/17/2013	0.12	0.070	3.1	0.65	0.080	0.080
	11/18/2013	0.12	0.070	5.3	1.4	0.080	0.080
	2/10/2014	0.12	0.070	1.0	0.050	0.080	0.080
	5/14/2014	0.12	0.070	1.1	0.68	0.080	0.080
	8/6/2014	0.12	0.070	3.6	0.98	0.080	0.080
	11/18/2014	0.12	0.070	2.5	1.9	0.080	0.080
	2/19/2015	0.12	0.070	1.2	0.050	0.080	0.080
	5/14/2015	0.12	0.070	1.1	1.1	0.080	0.080
	9/24/2015	0.12	0.070	2.3	0.050	0.080	0.080
	11/30/2015	0.12	0.070	3.9	0.050	0.080	0.080
	1/13/2016	0.12	0.070	0.96	0.050	0.080	0.080
	2/10/2016	0.12	0.070	0.060	0.050	0.080	0.080
	3/10/2016	0.12	0.070	0.060	0.050	0.080	0.080
	6/21/2016	0.12	0.070	6.9	0.050	0.080	0.080
TSW-04	7/20/2012	0.12	0.070	0.79	1.7	0.080	0.080
	8/30/2012	0.12	0.070	2.8	3.8	0.080	0.080
	4/16/2013	0.12	0.070	0.71	2.6	0.080	0.080
	6/19/2013	0.12	0.070	3.9	0.42	0.080	0.080
	7/23/2013	0.12	0.070	1.7	0.050	0.080	0.080
	9/17/2013	0.12	0.070	0.74	0.58	0.080	0.080
	11/18/2013	0.12	0.070	0.26	0.050	0.080	0.080
	2/10/2014	0.12	0.070	0.62	0.050	0.080	0.080
	5/14/2014	0.12	0.070	0.63	0.050	0.080	0.080
	8/6/2014	0.12	0.070	2.1	0.39	0.080	0.080
	11/18/2014	0.12	0.070	0.64	0.050	0.080	0.080
	2/18/2015	0.12	0.070	0.060	0.050	0.080	0.080
	5/14/2015	0.12	0.070	0.50	0.050	0.080	0.080
	9/24/2015	0.12	0.070	0.27	0.050	0.080	0.080
	11/30/2015	0.12	0.070	0.24	0.050	0.080	0.080
	1/13/2016	0.12	0.070	0.33	0.050	0.080	0.080
	2/10/2016	0.12	0.070	0.27	0.050	0.080	0.080
	3/10/2016	0.12	0.070	0.060	0.050	0.080	0.080
	6/21/2016	0.12	0.070	0.32	0.050	0.080	0.080
TSW-05	7/20/2012	0.12	0.070	24	0.050	0.080	0.080
	8/14/2012	0.12	0.070	16	0.050	0.080	0.080
	8/30/2012	0.12	0.070	14	0.18	0.080	0.080
	10/1/2012	0.12	0.070	15	0.28	0.080	0.080
	1/9/2013	0.12	0.070	42	0.61	0.080	0.080
	4/18/2013	0.12	0.070	44	0.50	0.080	0.080
	6/19/2013	0.12	0.070	94	0.37	0.080	0.080
	7/23/2013	0.12	0.070	220	0.34	0.080	0.080
	9/17/2013	0.12	0.070	82	0.34	0.080	0.080
	11/18/2013	0.12	0.070	61	0.43	0.080	0.080
	2/10/2014	0.12	0.070	37	0.39	0.080	0.080
	5/14/2014	0.12	0.070	29	0.26	0.080	0.080
	8/6/2014	0.12	0.070	150	0.35	0.080	0.080
	10/2/2014	0.12	0.070	81	0.32	0.080	0.080

Table 3 VOC Concentrations at AOC-65 Observation and Performance Monitoring Wells

Well ID	Sample Date	1,1-Dichloroethene µg/L	cis-1,2-Dichloroethene µg/L	Tetrachloroethene (PCE) µg/L	Trichloroethene (TCE) µg/L	trans-1,2-Dichloroethene µg/L	Vinyl chloride µg/L
	10/15/2014	0.24	0.14	120	0.36	0.16	0.16
	10/29/2014	0.12	0.070	82	0.32	0.080	0.080
	11/18/2014	0.12	0.070	220	0.40	0.080	0.080
	2/18/2015	0.60	0.35	270	0.37	0.40	0.40
	5/14/2015	0.60	0.35	680	0.25	0.40	0.40
	8/21/2015	0.12	0.070	240	0.27	0.080	0.080
	9/24/2015	0.24	0.14	170	0.10	0.16	0.16
	11/30/2015	0.12	0.070	110	0.22	0.080	0.080
	1/13/2016	0.12	0.070	120	0.37	0.080	0.080
	2/10/2016	0.12	0.070	99	0.37	0.080	0.080
	3/11/2016	0.12	0.070	160	0.43	0.080	0.080
	6/21/2016	0.12	0.070	630	0.51	0.080	0.080
TSW-07	7/20/2012	0.12	0.070	0.060	1.5	0.080	0.080
	8/30/2012	0.12	0.070	0.49	3.2	0.080	0.080
	4/16/2013	0.12	0.070	0.060	1.5	0.080	0.080
	6/19/2013	0.12	0.070	0.99	1.7	0.080	0.080
	7/23/2013	0.12	0.070	0.84	3.6	0.080	0.080
	9/17/2013	0.12	0.070	0.98	4.8	0.080	0.080
	11/18/2013	0.12	0.070	0.64	2.0	0.080	0.080
	2/10/2014	0.12	0.070	0.55	2.2	0.080	0.080
	5/14/2014	0.12	0.070	0.39	0.29	0.080	0.080
	8/6/2014	0.12	0.070	1.5	0.86	0.080	0.080
	11/18/2014	0.12	0.070	0.38	0.19	0.080	0.080
	2/18/2015	0.12	0.070	0.060	2.7	0.080	0.080
	5/14/2015	0.12	0.070	0.37	2.9	0.080	0.080
	9/24/2015	0.12	0.070	0.31	1.7	0.080	0.080
	11/30/2015	0.12	0.070	0.91	2.2	0.080	0.080
	1/13/2016	0.12	0.070	0.33	2.2	0.080	0.080
	2/10/2016	0.12	0.070	0.060	2.7	0.080	0.080
	3/10/2016	0.12	0.070	0.24	3.4	0.080	0.080
	6/21/2016	0.12	0.070	0.38	4.2	0.080	0.080
VEW-15	7/18/2012	0.12	30	57	11	0.37	0.080
	8/14/2012	0.12	21	24	6.8	0.20	0.080
	8/30/2012	0.12	21	36	9.4	0.29	0.080
	10/1/2012	0.12	19	25	7.7	0.15	0.080
	4/17/2013	0.12	7.7	19	6.1	0.080	0.080
	6/19/2013	0.12	14	22	8.0	0.25	0.080
	7/23/2013	0.12	15	27	8.3	0.41	0.080
	9/17/2013	0.12	16	49	12	0.30	0.080
	11/18/2013	0.12	16	36	15	0.46	0.080
	2/10/2014	0.12	5.2	13	4.8	0.080	0.080
	5/14/2014	0.12	8.6	25	6.0	0.080	0.080
	8/6/2014	0.12	22	41	12	0.080	0.080
	11/18/2014	0.12	25	40	18	0.30	0.080
	2/18/2015	0.12	5.2	11	4.2	0.21	0.080
	5/14/2015	0.12	11	16	7.7	0.20	0.080
	8/21/2015	0.24	18	10	9.2	0.16	0.16
	9/24/2015	0.24	15	7.5	7.4	0.16	0.16
	12/1/2015	0.12	0.070	16	9.7	0.080	0.080
	1/14/2016	0.12	19	23	15	0.50	0.080
	2/10/2016	0.12	11	13	8.7	0.22	0.080
	3/11/2016	0.12	14	11	8.6	0.34	0.080
	6/21/2016	0.12	30	28	18	0.39	0.080
VEW-19	7/18/2012	0.12	27	89	16	0.80	0.080
	8/30/2012	0.12	24	150	18	1.4	0.080
	1/9/2013	0.12	31	140	22	1.2	0.080
	4/16/2013	0.12	17	100	13	0.69	0.080
	6/19/2013	0.12	3.5	130	2.6	0.080	0.080
	7/23/2013	0.12	2.5	22	0.96	0.080	0.080

Table 3

VOC Concentrations at AOC-65 Observation and Performance Monitoring Wells

Well ID	Sample Date	1,1-Dichloroethene µg/L	cis-1,2-Dichloroethene µg/L	Tetrachloroethene (PCE) µg/L	Trichloroethene (TCE) µg/L	trans-1,2-Dichloroethene µg/L	Vinyl chloride µg/L
	9/17/2013	0.12	5.9	22	2.3	0.27	0.080
	11/18/2013	0.24	21	170	11	0.92	0.16
	2/10/2014	0.12	7.8	57	4.4	0.53	0.080
	8/6/2014	0.12	43	150	20	1.8	0.080
	11/18/2014	0.12	0.070	3.3	0.050	0.080	0.080
	2/19/2015	0.12	0.070	1.5	0.050	0.080	0.080
	5/14/2015	0.60	4.7	24	0.25	1.0	0.40
	9/24/2015	0.12	1.9	9.2	0.38	0.36	0.080
	11/30/2015	0.12	4.1	23	2.7	0.080	0.080
	1/13/2016	0.12	11	37	6.6	0.080	0.080
	2/10/2016	0.12	1.3	6.6	0.39	0.080	0.080
	3/10/2016	0.12	7.9	31	3.4	0.57	0.080
	6/21/2016	0.12	18	59	11	0.43	0.080
VEW-25	7/18/2012	0.12	0.69	29	1.3	0.080	0.080
	10/1/2012	0.30	5.5	280	15	0.20	0.20
	1/9/2013	0.12	3.8	350	14	0.080	0.080
	6/19/2013	0.12	0.070	28	0.34	0.080	0.080
	7/23/2013	0.12	0.070	5.9	0.050	0.080	0.080
	9/17/2013	0.12	0.070	4.4	0.050	0.080	0.080
	11/18/2013	0.12	2.3	120	5.9	0.080	0.080
	2/10/2014	0.12	2.2	100	4.6	0.080	0.080
	5/14/2014	0.12	1.5	71	3.1	0.080	0.080
	8/6/2014	0.12	3.8	160	7.7	0.24	0.080
	10/2/2014	0.24	1.3	160	2.2	0.16	0.16
	10/15/2014	0.60	0.35	67	0.25	0.40	0.40
	10/29/2014	0.12	0.070	11	0.050	0.080	0.080
	11/18/2014	0.12	0.070	17	0.050	0.080	0.080
	2/19/2015	0.12	0.070	2.0	0.050	0.080	0.080
	5/14/2015	0.12	0.19	4.1	0.28	0.080	0.080
	8/21/2015	0.12	0.070	2.2	0.050	0.080	0.080
	9/24/2015	0.12	0.070	0.93	0.050	0.080	0.080
	11/30/2015	0.12	0.070	0.33	0.050	0.080	0.080
	1/13/2016	0.12	0.070	2.4	0.050	0.080	0.080
	2/10/2016	0.12	0.070	2.4	0.050	0.080	0.080
	3/10/2016	0.12	0.070	1.5	0.050	0.080	0.080
	6/21/2016	0.12	0.070	8.1	0.20	0.080	0.080
VEW-27	7/18/2012	0.12	7.0	5,000	31	0.30	0.080
	8/30/2012	0.12	53	3,400	57	2.4	0.080
	9/28/2012	0.12	69	2,400	64	3.2	0.080
	10/1/2012	0.24	52	2,400	48	4.9	0.16
	1/9/2013	0.12	82	1,500	66	2.8	0.080
	4/16/2013	0.12	17	540	22	0.77	0.080
	6/19/2013	0.12	0.070	15	0.050	0.080	0.080
	7/23/2013	0.12	0.070	7.8	0.050	0.080	0.080
	9/17/2013	0.12	0.070	7.6	0.050	0.080	0.080
	11/18/2013	0.12	0.070	14	0.050	0.080	0.080
	2/10/2014	0.12	0.070	64	0.050	0.080	0.080
	5/14/2014	0.12	0.070	31	0.050	0.080	0.080
	8/6/2014	0.12	0.070	47	0.47	0.080	0.080
	11/18/2014	0.12	0.070	3.2	0.050	0.080	0.080
	2/19/2015	0.12	0.070	2.0	0.050	0.080	0.080
	5/14/2015	0.24	0.14	68	0.10	0.16	0.16
	8/21/2015	0.24	0.14	21	0.10	0.16	0.16
	9/24/2015	0.12	0.28	59	0.77	0.080	0.080
	11/30/2015	0.12	0.070	0.91	0.050	0.080	0.080
	1/13/2016	0.12	0.25	140	2.8	0.080	0.080
	2/10/2016	0.12	0.070	250	8.9	0.080	0.080
	3/10/2016	0.60	0.35	380	4.7	0.40	0.40
	6/21/2016	0.12	0.070	96	1.7	0.080	0.080

Table 3 VOC Concentrations at AOC-65 Observation and Performance Monitoring Wells

Well ID	Sample Date	1,1-Dichloroethene µg/L	cis-1,2-Dichloroethene µg/L	Tetrachloroethene (PCE) µg/L	Trichloroethene (TCE) µg/L	trans-1,2-Dichloroethene µg/L	Vinyl chloride µg/L
VEW-32	7/18/2012	0.12	0.60	1,300	1.7	0.080	0.080
	8/14/2012	0.12	0.48	1,500	2.1	0.080	0.080
	8/30/2012	0.12	0.78	11,000	3.3	0.080	0.080
	9/28/2012	0.12	0.36	1,100	0.97	0.080	0.080
	10/1/2012	0.60	0.35	510	0.25	0.40	0.40
	1/9/2013	0.12	0.070	1,400	8.1	0.080	0.080
	4/18/2013	0.12	0.83	2,600	15	0.080	0.080
	6/19/2013	12	7.0	2,900	5.0	8.0	8.0
	7/23/2013	6.0	3.5	9,900	7.8	4.0	4.0
	9/17/2013	24	14	3,800	12	16	16
	11/18/2013	6.0	3.5	1,600	2.5	4.0	4.0
	2/10/2014	0.12	0.47	1,600	22	0.080	0.080
	5/14/2014	1.2	0.70	2,000	4.5	0.80	0.80
	8/6/2014	0.12	1.1	6,800	2.7	0.080	0.080
	11/18/2014	1.2	0.70	580	0.50	0.80	0.80
	2/18/2015	2.4	1.4	1,300	7.8	1.6	1.6
	5/14/2015	0.12	0.070	78	0.050	0.080	0.080
	8/21/2015	0.24	2.8	21,000	5.4	0.16	0.16
	9/24/2015	12	7.0	11,000	5.0	8.0	8.0
	12/1/2015	0.12	0.070	660	0.24	0.080	0.080
1/13/2016	1.2	5.5	3,300	33	0.80	0.80	
2/10/2016	12	7.0	5,300	37	8.0	8.0	
3/11/2016	12	17	7,500	43	8.0	8.0	
6/21/2016	0.12	2.0	660	3.5	0.080	0.080	
CS-WB01-LGR-01	7/31/2012	0.12	0.070	3.8	0.19	0.080	0.080
	9/4/2012	0.12	0.070	3.5	0.18	0.080	0.080
	4/29/2013	0.12	0.070	2.0	0.18	0.080	0.080
	6/13/2013	0.12	0.070	2.8	0.28	0.080	0.080
	7/22/2013	0.12	0.070	1.6	0.25	0.080	0.080
	9/23/2013	0.12	0.070	1.7	0.21	0.080	0.080
	12/4/2013	0.12	0.070	3.4	0.20	0.080	0.080
	3/20/2014	0.12	0.070	3.3	0.050	0.080	0.080
	6/25/2014	0.12	0.070	3.9	0.30	0.080	0.080
	9/16/2014	0.12	0.070	4.2	0.20	0.080	0.080
	12/9/2014	0.12	0.070	1.7	0.25	0.080	0.080
	3/23/2015	0.12	0.070	1.2	0.45	0.080	0.080
	6/17/2015	0.12	0.070	3.0	0.050	0.080	0.080
	9/16/2015	0.12	0.070	1.3	0.26	0.080	0.080
	12/2/2015	0.12	0.070	0.060	0.050	0.080	0.080
3/9/2016	0.12	0.070	1.4	0.23	0.080	0.080	
6/8/2016	0.12	0.070	1.4	0.22	0.080	0.080	
CS-WB02-LGR-01	7/30/2012	0.12	0.070	0.29	0.76	0.080	0.080
	9/4/2012	0.12	0.070	0.55	1.2	0.080	0.080
	4/30/2013	0.12	0.070	0.85	0.81	0.080	0.080
	6/12/2013	0.12	0.070	2.4	0.36	0.080	0.080
	7/22/2013	0.12	0.070	0.73	0.58	0.080	0.080
	9/18/2013	0.12	0.070	14	0.47	0.080	0.080
	12/4/2013	0.12	0.070	5.1	0.35	0.080	0.080
	6/24/2014	0.12	0.070	7.0	0.48	0.080	0.080
	12/10/2014	0.12	0.070	0.70	0.090	0.080	0.080
	3/23/2015	0.12	0.070	0.20	0.050	0.080	0.080
	6/22/2015	0.12	0.070	1.0	0.050	0.080	0.080
	12/2/2015	0.12	0.070	0.32	0.10	0.080	0.080
6/14/2016	0.12	0.070	0.59	0.050	0.080	0.080	
CS-WB03-LGR-01	7/24/2012	0.12	0.070	640	50	0.080	0.080
	12/4/2013	0.12	0.50	540	15	0.080	0.080
	3/17/2014	0.12	0.64	1,000	23	0.080	0.080
	6/24/2014	0.24	0.65	370	17	0.16	0.16
	12/3/2014	0.60	1.1	530	27	0.40	0.40

Table 3 VOC Concentrations at AOC-65 Observation and Performance Monitoring Wells

Well ID	Sample Date	1,1-Dichloroethene µg/L	cis-1,2-Dichloroethene µg/L	Tetrachloroethene (PCE) µg/L	Trichloroethene (TCE) µg/L	trans-1,2-Dichloroethene µg/L	Vinyl chloride µg/L
	3/24/2015	0.12	1.1	380	36	0.080	0.080
	6/19/2015	1.2	0.70	300	17	0.80	0.80
	9/21/2015	0.12	0.85	620	26	0.080	0.080
	12/2/2015	1.2	0.92	860	31	0.80	0.80
	3/14/2016	0.60	0.35	330	16	0.40	0.40
	6/16/2016	0.12	0.89	310	17	0.080	0.080
CS-WB03-UGR-01	12/5/2011	6.0	3.5	2,515	33	4.0	4.0
CS-WB03-UGR-01	7/24/2012	0.12	0.070	5.4	0.64	0.080	0.080
	8/30/2012	0.12	1.5	6,300	85	0.080	0.080
	9/5/2012	0.12	1.5	8,100	99	0.080	0.080
	10/2/2012	0.12	1.2	7,000	78	0.080	0.080
	12/12/2012	0.12	2.1	30,000	180	0.080	0.080
	4/22/2013	0.12	2.7	13,000	140	0.080	0.080
	6/12/2013	3.0	1.8	8,700	71	2.0	2.0
	7/22/2013	24	14	9,100	94	16	16
	9/18/2013	24	14	9,900	100	16	16
	12/4/2013	120	70	21,000	200	80	80
	3/17/2014	0.12	2.9	20,000	110	0.080	0.080
	6/24/2014	6.0	3.5	14,000	110	4.0	4.0
	9/16/2014	24	14	30,000	170	16	16
	10/2/2014	12	7.0	20,000	170	8.0	8.0
	10/15/2014	60	35	21,000	170	40	40
	10/29/2014	60	35	22,000	110	40	40
	11/13/2014	120	70	32,000	260	80	80
	12/3/2014	12	7.0	7,600	90	8.0	8.0
	3/24/2015	120	70	22,000	180	80	80
	6/19/2015	60	35	14,000	100	40	40
	9/21/2015	12	22	24,000	220	8.0	8.0
	12/2/2015	30	22	29,000	250	20	20
	3/14/2016	12	21	9,900	100	8.0	8.0
	6/16/2016	0.12	7.9	7,400	73	0.95	0.080

Detections are bolded. Results not highlighted are detections above the RL.
Not detected. Reported result is reported as the MDL and flagged U.
Trace value. Reported result is a value between the MDL and the RL and is flagged F.

Table 4 Metals Concentrations at AOC-65 Observation and Performance Monitoring Wells

Well ID	Sample Date	Antimony µg/L	Arsenic µg/L	Beryllium µg/L	Cadmium µg/L	Chromium µg/L	Copper µg/L	Lead µg/L	Manganese µg/L	Mercury µg/L	Nickel µg/L	Selenium µg/L	Silver µg/L	Thallium µg/L	Zinc µg/L
Observation Wells															
LS-5	3/7/2012	1.8	0.20	0.20	0.30	1.0	16	1.9	1.2	0.10	1.0	3.2	0.081	1.0	43
	3/7/2012	5.7	0.20	0.20	0.30	1.0	9.3	1.9	#N/A	0.10	1.0	3.2	0.081	1.0	30
	8/3/2012	3.2	0.20	0.20	0.30	1.0	31	6.3	#N/A	0.10	1.0	3.2	0.081	1.0	82
	8/6/2012	2.2	0.20	0.20	0.30	1.0	18	4.7	#N/A	0.10	1.0	3.2	0.081	1.0	48
	8/16/2012	1.8	0.20	0.20	0.30	1.0	13	1.9	#N/A	0.10	1.0	3.2	0.081	1.0	32
	8/30/2012	1.8	0.20	0.20	0.30	1.0	9.0	1.9	#N/A	0.10	1.0	3.2	0.081	1.0	14
	10/1/2012	1.8	0.20	0.20	0.30	1.0	9.0	1.9	#N/A	0.10	1.0	3.2	0.27	1.0	49
	4/23/2013	1.8	0.20	0.20	0.30	1.0	25	1.9	1.2	0.10	1.0	3.2	0.081	1.0	52
	6/19/2013	1.8	0.20	0.20	0.30	1.0	19	1.9	#N/A	0.10	1.0	3.2	0.14	1.0	44
	7/19/2013	1.8	0.20	0.20	0.30	1.0	11	1.9	#N/A	0.10	1.0	3.2	0.46	1.0	37
	9/17/2013	1.9	0.20	0.20	0.50	1.0	13	2.1	#N/A	0.10	1.0	3.2	1.0	1.0	40
	12/9/2013	1.8	0.20	0.20	0.50	1.0	18	1.9	#N/A	0.10	1.0	3.2	1.0	1.0	34
	3/5/2014	1.8	0.90	0.20	0.50	1.0	10	1.9	#N/A	0.10	1.0	3.2	1.0	1.0	35
	6/2/2014	3.0	0.20	0.20	0.50	1.0	14	1.9	#N/A	0.10	1.0	3.2	1.0	1.0	53
	9/3/2014	2.3	1.8	0.20	0.50	1.0	18	1.9	#N/A	0.10	1.0	3.2	1.0	1.0	44
	12/1/2014	1.8	2.7	0.20	0.50	1.0	17	1.9	#N/A	0.10	1.0	3.2	1.0	1.1	34
	3/2/2015	4.0	0.20	0.20	1.2	1.4	34	1.9	#N/A	0.10	1.0	3.2	1.0	1.0	90
	6/1/2015	1.8	2.1	0.20	0.50	1.0	11	1.9	1.0	0.10	1.0	3.2	1.0	1.0	30
	9/8/2015	2.3	0.20	0.20	0.50	1.0	11	1.9	1.0	0.10	1.0	3.2	2.0	1.0	38
	11/30/2015	1.8	1.7	0.20	0.50	1.1	14	1.9	1.0	0.10	1.0	3.2	1.0	1.0	31
3/7/2016	1.8	7.6	0.20	0.50	1.0	27	1.9	1.0	0.10	1.0	3.2	1.0	1.0	45	
6/6/2016	1.8	3.5	0.20	0.50	1.0	11	1.9	1.0	0.10	1.0	3.2	1.0	1.0	36	
LS-6	3/7/2012	1.8	0.20	0.20	0.30	1.0	6.0	1.9	1.2	0.10	1.0	3.2	0.081	1.0	16
	3/7/2012	5.9	0.20	0.20	0.30	1.0	3.1	1.9	#N/A	0.10	1.0	3.2	0.56	1.0	20
	8/3/2012	2.7	0.20	0.20	0.30	1.0	5.0	2.6	#N/A	0.10	1.0	3.2	0.081	1.0	24
	8/6/2012	3.1	0.20	0.20	0.30	1.0	3.6	2.1	#N/A	0.10	1.0	3.2	0.081	1.0	29
	8/16/2012	1.8	0.20	0.20	0.30	1.0	8.5	1.9	#N/A	0.10	1.0	3.2	0.081	1.0	93
	8/30/2012	1.8	0.20	0.20	0.30	1.0	4.6	1.9	#N/A	0.10	1.0	3.2	0.081	1.0	8.9
	10/1/2012	1.8	0.20	0.20	0.30	1.0	3.0	1.9	#N/A	0.10	1.0	3.2	0.29	1.0	29
	4/23/2013	1.8	0.20	38	0.30	1.0	7.0	1.9	1.2	0.10	1.0	3.2	0.081	1.0	54
	6/19/2013	1.8	0.20	0.20	0.30	1.0	10	1.9	#N/A	0.10	1.0	3.2	0.081	1.0	28
	7/19/2013	1.8	0.20	0.20	0.30	1.0	12	2.7	#N/A	0.10	1.0	3.2	0.66	1.0	41
	9/17/2013	1.8	0.20	0.20	0.50	1.0	3.0	1.9	#N/A	0.10	1.0	3.2	1.0	1.0	22
	12/9/2013	1.8	0.20	0.20	0.50	1.0	3.0	1.9	#N/A	0.20	1.0	3.2	1.0	1.0	13
	3/5/2014	1.8	0.20	0.20	0.50	1.0	3.0	1.9	#N/A	0.10	1.0	3.2	1.0	1.0	18
	6/2/2014	1.8	0.90	0.20	0.50	1.0	4.0	1.9	#N/A	0.10	1.0	3.2	1.0	1.0	18
	9/3/2014	2.8	1.0	0.20	0.50	1.0	4.0	1.9	#N/A	0.10	1.0	3.2	1.0	1.0	21
	12/1/2014	1.8	2.6	0.20	0.50	1.0	11	1.9	#N/A	0.10	1.0	3.2	1.0	1.0	29
	3/2/2015	4.2	0.20	0.20	1.5	1.0	11	1.9	#N/A	0.10	1.0	3.2	1.0	1.0	46
	6/1/2015	1.8	2.0	0.20	0.50	1.0	19	1.9	1.0	0.10	1.0	3.2	1.0	1.0	46
	9/8/2015	2.4	1.5	0.20	0.50	1.0	7.0	1.9	1.0	0.10	1.0	3.2	1.0	1.0	34
	11/30/2015	1.8	2.6	0.20	0.50	1.5	6.0	1.9	1.0	0.10	1.0	3.2	1.0	1.0	8.0
3/7/2016	1.8	9.2	0.20	0.50	1.0	9.0	1.9	1.0	0.10	1.0	5.2	1.0	1.0	33	
6/6/2016	1.8	3.7	0.20	0.50	1.7	7.0	1.9	1.0	0.10	1.0	3.2	1.0	1.0	26	
LS-7	3/7/2012	1.8	0.20	0.20	0.30	1.0	7.0	1.9	1.2	0.10	1.0	3.2	0.081	1.0	13
	3/7/2012	5.0	0.20	0.20	0.30	1.0	6.1	1.9	#N/A	0.10	1.0	3.2	0.081	1.0	21
	8/3/2012	3.1	0.20	0.20	0.30	1.0	5.5	2.1	#N/A	0.10	1.0	3.2	0.081	1.0	15
	8/6/2012	3.5	0.20	0.20	0.30	1.0	12	3.1	#N/A	0.10	1.0	3.2	0.081	1.0	21
	8/16/2012	1.8	0.20	0.20	0.30	1.0	7.1	1.9	#N/A	0.10	1.0	3.2	0.081	1.0	14
	8/30/2012	1.8	0.20	0.20	0.30	1.0	6.3	1.9	#N/A	0.10	1.0	3.2	0.081	1.1	8.0
10/1/2012	1.8	0.20	0.20	0.30	1.0	4.2	1.9	#N/A	0.10	1.0	3.2	0.081	1.0	29	

Table 4 Metals Concentrations at AOC-65 Observation and Performance Monitoring Wells

Well ID	Sample Date	Antimony µg/L	Arsenic µg/L	Beryllium µg/L	Cadmium µg/L	Chromium µg/L	Copper µg/L	Lead µg/L	Manganese µg/L	Mercury µg/L	Nickel µg/L	Selenium µg/L	Silver µg/L	Thallium µg/L	Zinc µg/L
	4/23/2013	1.8	0.20	0.20	0.30	1.0	8.0	1.9	1.2	0.10	1.0	3.2	0.081	1.0	43
	6/19/2013	1.8	0.20	0.20	0.30	1.0	7.0	1.9	#N/A	0.10	1.0	3.2	0.15	1.0	13
	7/19/2013	1.8	0.20	0.20	0.30	1.0	8.0	1.9	#N/A	0.10	1.0	3.2	0.99	1.0	17
	9/17/2013	1.8	0.20	0.20	0.50	1.0	6.0	1.9	#N/A	0.10	1.0	3.2	1.0	1.0	16
	12/9/2013	1.8	0.20	0.20	0.50	1.0	8.0	1.9	#N/A	0.20	1.0	3.2	1.0	1.0	12
	3/5/2014	1.8	0.20	0.20	0.50	1.0	7.0	1.9	#N/A	0.10	1.0	3.2	1.0	1.0	33
	6/2/2014	2.7	0.20	0.20	0.50	1.0	4.0	1.9	#N/A	0.10	1.0	3.2	1.0	1.0	13
	9/3/2014	1.8	2.2	0.20	0.50	1.0	8.0	1.9	#N/A	0.10	1.0	3.2	1.0	1.0	9.0
	12/1/2014	1.8	2.6	0.20	0.50	1.0	7.0	1.9	#N/A	0.10	1.0	3.2	1.0	2.9	14
	3/2/2015	3.8	0.20	0.20	1.9	1.0	6.0	1.9	#N/A	0.10	1.0	3.2	1.0	1.0	32
	6/1/2015	1.9	2.4	0.20	0.50	1.0	5.0	1.9	1.0	0.10	1.0	3.2	1.0	1.2	8.0
	9/8/2015	2.5	1.3	0.20	0.50	1.0	6.0	1.9	1.0	0.10	1.0	3.2	2.0	1.0	23
	11/30/2015	1.8	2.7	0.20	0.50	1.0	22	3.5	1.0	0.10	1.0	3.2	1.0	1.0	24
	3/7/2016	2.0	10	0.20	0.50	1.0	6.0	1.9	1.0	0.10	1.0	3.2	1.0	1.0	23
	6/6/2016	1.8	4.3	0.20	0.50	1.0	7.0	1.9	1.0	0.10	1.0	3.2	1.0	1.4	30
OFR-3	3/8/2012	1.8	0.20	0.20	0.30	1.0	3.0	1.9	1.2	0.10	1.0	3.2	0.081	1.0	79
	3/8/2012	5.5	0.20	0.20	0.30	1.0	3.0	1.9	#N/A	0.10	1.0	3.2	0.081	1.0	82
	8/3/2012	2.8	0.20	0.20	0.30	1.0	4.1	1.9	#N/A	0.10	1.0	3.2	0.081	1.0	78
	8/6/2012	2.8	0.20	0.20	0.30	1.1	3.0	1.9	#N/A	0.10	1.0	3.2	0.081	1.0	83
	8/16/2012	1.8	0.20	0.20	0.30	1.0	3.0	1.9	#N/A	0.10	1.0	3.2	0.081	1.0	82
	8/30/2012	1.8	0.20	0.20	0.30	1.0	4.3	1.9	#N/A	0.10	1.0	3.6	0.081	1.0	78
	4/23/2013	1.8	0.20	0.20	0.30	1.0	3.0	1.9	1.2	0.10	1.0	3.2	0.27	1.0	110
	4/3/2015	1.8	1.7	0.20	0.50	1.1	3.0	1.9	#N/A	0.10	1.0	3.2	1.0	1.0	100
	6/1/2015	1.8	2.0	0.20	0.50	1.0	8.0	1.9	94	0.10	1.0	3.2	1.0	1.0	240
	9/8/2015	2.3	2.1	0.20	0.50	1.0	6.0	1.9	60	0.10	1.0	3.2	2.0	1.0	240
	11/30/2015	1.8	2.7	0.20	0.50	1.0	6.0	1.9	1.0	0.10	1.0	3.2	1.0	1.0	87
	3/7/2016	1.8	7.7	0.20	0.50	1.0	4.0	1.9	1.0	0.10	1.0	3.2	1.0	1.0	63
	6/6/2016	2.1	7.8	0.20	0.50	3.0	40	20	33	0.10	1.0	3.2	1.0	1.0	320
RFR-10	3/8/2012	2.3	0.20	0.20	0.30	1.0	13	1.9	1.2	0.10	1.0	3.2	0.081	1.0	16
	3/8/2012	9.1	0.20	0.20	0.30	1.0	6.8	1.9	#N/A	0.10	1.0	3.2	0.081	1.0	12
	8/3/2012	2.5	0.20	0.20	0.30	1.0	3.7	3.0	#N/A	0.10	2.3	3.2	0.081	1.0	9.5
	8/6/2012	2.6	0.20	0.20	0.30	1.0	3.0	3.1	#N/A	0.10	1.0	3.2	0.081	1.0	11
	8/16/2012	1.8	0.20	0.20	0.30	1.0	4.0	1.9	#N/A	0.10	1.0	3.2	0.081	1.0	9.5
	8/30/2012	1.8	0.20	0.20	0.30	1.0	11	3.9	#N/A	0.10	5.5	4.0	0.081	1.7	9.5
	10/1/2012	1.8	0.20	0.20	0.30	1.0	3.8	1.9	#N/A	0.10	1.0	3.2	0.16	1.0	16
	4/23/2013	1.8	0.20	0.20	0.30	1.0	8.0	1.9	1.2	0.10	1.0	3.2	0.11	1.0	39
	6/19/2013	1.8	0.20	0.20	0.30	1.0	7.0	1.9	#N/A	0.10	1.0	3.2	0.16	1.0	11
	7/19/2013	1.8	0.20	0.20	0.30	1.0	13	1.9	#N/A	0.10	1.4	3.2	0.081	1.0	26
	9/17/2013	1.8	0.20	0.20	0.50	1.0	3.0	1.9	#N/A	0.10	1.0	3.2	1.0	1.0	14
	12/9/2013	1.8	0.20	0.20	0.50	1.0	4.0	1.9	#N/A	0.10	1.0	3.2	1.0	1.3	15
	3/5/2014	1.8	0.70	0.20	0.50	1.0	3.0	1.9	#N/A	0.10	1.0	3.2	1.0	1.0	20
	6/2/2014	2.6	0.20	0.20	0.50	1.0	4.0	1.9	#N/A	0.10	1.0	3.2	1.0	1.2	11
	9/3/2014	1.8	1.8	0.20	0.50	1.0	3.0	1.9	#N/A	0.10	1.0	3.2	1.0	1.0	8.0
	12/1/2014	1.8	2.1	0.20	0.50	1.0	23	1.9	#N/A	0.10	1.0	3.2	1.0	1.0	31
	3/2/2015	3.1	0.20	0.20	1.7	1.0	8.0	1.9	#N/A	0.10	1.0	3.2	1.0	1.0	35
	5/19/2015	1.8	0.20	0.20	0.50	1.1	9.0	1.9	1.0	0.10	1.0	3.2	1.0	1.0	17
	6/1/2015	1.8	2.1	0.20	0.50	1.0	31	1.9	1.0	0.10	1.0	3.2	1.0	1.0	40
	9/8/2015	2.8	1.4	0.20	0.50	1.0	4.0	1.9	1.0	0.10	1.0	3.2	2.0	1.0	22
	11/30/2015	1.8	1.9	0.20	0.50	1.0	4.0	1.9	1.0	0.10	1.0	3.2	1.0	1.0	8.0
	3/7/2016	1.8	10	0.20	0.50	1.0	4.0	1.9	1.0	0.10	1.0	3.2	1.0	1.0	14
	6/6/2016	1.8	4.0	0.20	0.50	1.0	6.0	1.9	1.0	0.10	1.0	3.2	1.0	1.0	26

Table 4 Metals Concentrations at AOC-65 Observation and Performance Monitoring Wells

Well ID	Sample Date	Antimony µg/L	Arsenic µg/L	Beryllium µg/L	Cadmium µg/L	Chromium µg/L	Copper µg/L	Lead µg/L	Manganese µg/L	Mercury µg/L	Nickel µg/L	Selenium µg/L	Silver µg/L	Thallium µg/L	Zinc µg/L
RFR-11	3/8/2012	1.8	0.20	0.20	0.30	1.0	33	6.8	1.2	0.10	1.0	3.2	0.081	1.0	120
	3/8/2012	7.9	0.20	0.20	0.30	1.0	4.2	1.9	#N/A	0.10	1.0	3.2	0.081	1.0	74
	8/3/2012	2.6	0.20	0.20	0.30	1.0	20	2.8	#N/A	0.10	1.0	3.2	0.081	1.0	110
	8/6/2012	3.0	0.20	0.20	0.30	1.0	8.0	2.6	#N/A	0.10	1.0	3.2	0.081	1.0	73
	8/16/2012	1.8	0.20	0.20	0.30	1.0	9.3	1.9	#N/A	0.10	1.0	3.2	0.081	1.0	67
	8/30/2012	1.8	0.20	0.20	0.30	1.0	4.4	1.9	#N/A	0.10	1.0	5.0	0.081	1.0	36
	4/23/2013	1.8	0.20	0.20	0.30	1.0	7.0	1.9	1.2	0.10	1.0	3.2	0.081	1.0	78
	6/19/2013	1.8	0.20	0.20	0.30	1.0	8.0	1.9	#N/A	0.10	1.0	3.2	0.28	1.0	76
	7/19/2013	1.8	0.20	0.20	0.30	1.0	7.0	1.9	#N/A	0.10	1.0	3.2	0.62	1.0	65
	9/17/2013	1.8	0.20	0.20	0.50	1.0	4.0	1.9	#N/A	0.10	1.0	3.2	1.0	1.0	51
	12/9/2013	1.8	0.20	0.20	0.50	1.0	8.0	1.9	#N/A	0.20	1.0	3.2	1.0	1.0	44
	3/5/2014	1.8	0.20	0.20	0.50	1.0	19	1.9	#N/A	0.10	1.0	3.2	1.0	1.0	90
	6/2/2014	2.3	0.80	0.20	0.50	1.0	11	1.9	#N/A	0.10	1.0	3.2	1.0	2.5	66
	9/3/2014	2.0	2.2	0.20	0.50	1.0	8.0	1.9	#N/A	0.10	1.0	3.2	1.0	1.0	53
	12/1/2014	1.8	2.0	0.20	0.50	1.0	9.0	1.9	#N/A	0.10	1.0	3.2	1.0	1.3	65
	3/2/2015	3.3	0.20	0.20	1.4	1.0	13	1.9	#N/A	0.10	1.0	3.2	1.0	1.0	86
6/1/2015	1.8	0.60	0.20	0.50	1.2	10	1.9	1.0	0.10	2.0	3.2	1.0	1.0	35	
9/8/2015	2.3	1.0	0.20	0.50	1.0	12	1.9	1.0	0.10	1.0	3.2	2.0	1.0	63	
11/30/2015	1.8	2.1	0.20	0.50	2.2	28	2.1	1.0	0.10	1.0	3.2	1.0	1.0	150	
3/7/2016	1.8	8.4	0.20	0.50	1.5	5.0	1.9	1.0	0.10	1.0	3.2	1.0	1.0	64	
6/6/2016	1.8	3.1	0.20	0.50	2.6	7.0	1.9	1.0	0.10	1.0	3.2	1.0	1.0	63	
CS-MW6-LGR	3/20/2012	2.5	0.20	0.20	0.50	1.0	5.0	1.9	1.2	0.10	1.0	3.2	0.081	1.0	8.0
	3/20/2012	1.8	0.20	0.20	0.30	1.0	6.4	1.9	#N/A	0.10	1.0	3.2	0.081	1.0	8.0
	8/2/2012	3.3	0.20	0.20	0.30	1.0	3.0	2.9	#N/A	0.10	4.8	3.2	0.081	1.0	8.0
	8/6/2012	1.8	0.20	0.20	0.30	1.0	3.0	1.9	#N/A	0.10	9.7	3.2	0.081	1.0	15
	8/16/2012	230	0.20	0.20	0.30	4.3	3.0	1.9	#N/A	0.10	7.8	3.2	0.081	1.0	8.0
	8/31/2012	700	1.8	0.20	0.30	5.3	6.2	1.9	#N/A	0.10	12	3.2	0.081	1.0	8.0
	10/2/2012	1.8	0.20	0.20	0.30	1.2	3.0	1.9	#N/A	0.10	2.2	3.2	0.081	1.0	8.0
	12/13/2012	1.8	#N/A	#N/A	0.50	11	#N/A	1.9	#N/A	0.10	#N/A	#N/A	#N/A	#N/A	#N/A
	4/22/2013	15	0.20	0.20	0.30	77	3.0	1.9	18	0.10	19	3.2	0.081	1.0	13
	6/19/2013	1.8	0.20	0.20	0.30	5.2	3.0	1.9	#N/A	0.10	3.8	3.2	0.13	1.0	8.0
	7/19/2013	2.0	0.20	0.20	0.30	8.4	3.0	1.9	#N/A	0.10	6.4	3.2	0.33	1.0	8.0
	9/17/2013	2.5	0.20	0.20	0.50	2.3	3.0	1.9	#N/A	0.10	3.0	3.2	1.0	1.0	8.0
	11/20/2013	5.1	0.20	0.20	1.0	1.0	3.0	1.9	#N/A	0.10	1.0	3.2	1.0	9.8	8.0
	2/13/2014	1.8	0.30	0.20	0.50	1.7	3.0	1.9	#N/A	0.20	2.0	3.2	1.0	1.0	8.0
	6/17/2014	2.0	0.20	0.20	0.50	1.5	3.0	1.9	#N/A	0.10	1.0	3.2	1.0	1.0	8.0
	9/4/2014	3.2	2.4	0.20	0.50	1.5	3.0	1.9	#N/A	0.10	3.0	3.2	1.0	1.0	8.0
11/13/2014	1.8	2.3	0.20	0.50	1.5	3.0	1.9	#N/A	0.10	3.0	3.2	2.0	1.0	8.0	
3/10/2015	1.8	0.20	0.20	0.50	1.6	3.0	1.9	#N/A	0.10	1.0	3.2	1.0	1.0	8.0	
6/10/2015	3.6	1.8	0.20	0.50	1.5	3.0	1.9	1.0	0.10	2.0	3.2	1.0	1.0	8.0	
9/11/2015	1.8	2.3	0.20	0.50	2.6	3.0	1.9	1.0	0.10	14	3.2	1.0	1.0	8.0	
12/9/2015	2.5	1.7	0.20	0.50	1.1	3.0	1.9	1.0	0.10	12	3.2	1.0	1.0	8.0	
3/8/2016	4.8	4.8	0.20	0.50	1.2	3.0	1.9	1.0	0.10	12	3.2	2.0	1.0	8.0	
6/7/2016	1.8	4.0	0.20	0.50	1.0	3.0	1.9	1.0	0.10	7.0	3.2	1.0	1.0	8.0	
CS-MW7-LGR	3/20/2012	1.8	0.20	0.20	0.50	1.0	5.0	1.9	1.2	0.20	1.0	3.2	0.16	1.0	8.0
	3/20/2012	1.8	0.20	0.20	0.30	1.0	6.0	1.9	#N/A	0.10	1.0	3.2	0.55	1.0	8.0
	8/2/2012	2.9	0.20	0.20	0.30	1.3	3.0	1.9	#N/A	0.10	1.0	3.2	0.081	1.0	8.0
	8/6/2012	1.8	0.60	0.20	0.30	1.3	3.0	1.9	#N/A	0.10	5.2	3.2	0.081	1.0	24
	8/16/2012	1.8	0.20	0.20	0.30	1.2	3.0	1.9	#N/A	0.10	1.0	3.2	0.081	1.0	8.0
	8/31/2012	1.8	0.20	0.20	0.30	1.2	3.1	1.9	#N/A	0.10	1.0	3.2	0.081	1.0	9.5
	12/17/2012	#N/A	#N/A	#N/A	0.50	3.0	#N/A	1.9	#N/A	0.10	#N/A	#N/A	#N/A	#N/A	#N/A
4/22/2013	1.8	0.20	0.20	0.30	1.7	3.0	1.9	1.2	0.10	1.0	3.2	0.24	1.0	13	

Table 4 Metals Concentrations at AOC-65 Observation and Performance Monitoring Wells

Well ID	Sample Date	Antimony µg/L	Arsenic µg/L	Beryllium µg/L	Cadmium µg/L	Chromium µg/L	Copper µg/L	Lead µg/L	Manganese µg/L	Mercury µg/L	Nickel µg/L	Selenium µg/L	Silver µg/L	Thallium µg/L	Zinc µg/L
	6/19/2013	1.8	0.20	0.20	0.30	1.5	3.0	1.9	#N/A	0.10	1.0	3.2	0.11	1.0	8.0
	7/19/2013	1.8	0.20	0.20	0.30	2.3	3.0	1.9	#N/A	0.10	1.0	3.2	0.68	1.0	8.0
	9/19/2013	1.8	0.20	0.20	0.50	1.6	3.0	1.9	#N/A	0.10	1.0	3.2	1.0	1.0	9.0
	11/20/2013	4.2	0.20	0.20	1.5	1.0	3.0	1.9	#N/A	0.10	1.0	3.2	1.0	1.0	9.0
	2/13/2014	1.8	0.60	0.20	0.50	2.2	3.0	1.9	#N/A	0.20	1.0	3.2	1.0	1.0	8.0
	6/20/2014	1.8	0.20	0.20	0.50	1.4	3.0	1.9	#N/A	0.10	1.0	6.1	1.0	1.0	8.0
	9/4/2014	1.8	0.80	0.20	0.50	2.3	3.0	1.9	#N/A	0.10	4.0	3.2	1.0	1.0	8.0
	11/13/2014	1.8	3.4	0.20	0.50	1.7	3.0	1.9	#N/A	0.10	3.0	3.2	1.0	1.0	8.0
	3/10/2015	1.8	0.20	0.20	0.50	2.4	3.0	1.9	#N/A	0.10	1.0	3.2	1.0	1.0	8.0
	6/10/2015	1.8	1.5	0.20	0.50	1.5	3.0	1.9	1.0	0.10	1.0	3.2	1.0	1.0	8.0
	9/14/2015	1.8	1.6	0.20	0.50	2.9	3.0	1.9	2.0	0.10	1.0	3.2	1.0	1.0	10
	12/9/2015	1.8	1.0	0.20	0.50	1.4	3.0	1.9	1.0	0.10	1.0	3.2	1.0	1.0	8.0
	3/8/2016	5.0	3.9	0.20	0.50	1.5	3.0	1.9	3.0	0.10	3.0	3.2	1.0	1.0	8.0
	6/7/2016	2.2	6.2	0.20	0.50	1.0	3.0	1.9	1.0	0.10	1.0	3.2	1.0	1.0	8.0
CS-MW8-LGR	3/20/2012	3.4	0.20	0.20	0.50	1.0	6.0	1.9	1.2	0.10	1.0	3.2	0.44	1.0	8.0
	3/20/2012	1.8	0.20	0.20	0.30	1.0	5.6	1.9	#N/A	0.10	1.0	3.2	0.24	1.0	14
	8/2/2012	3.5	0.20	0.20	0.30	11	15	2.1	#N/A	0.10	2.9	3.2	0.081	1.0	8.0
	8/6/2012	1.8	0.20	0.20	0.30	1.0	4.1	1.9	#N/A	0.10	3.7	3.2	0.081	1.0	17
	8/16/2012	1.8	0.20	0.20	0.30	1.0	3.0	1.9	#N/A	0.10	1.0	3.2	0.081	1.0	8.0
	8/30/2012	1.8	0.50	0.20	0.30	1.0	3.0	1.9	#N/A	0.10	1.0	3.2	0.081	1.0	8.0
	9/11/2012	#N/A	#N/A	#N/A	0.50	6.0	#N/A	1.9	#N/A	0.20	#N/A	#N/A	#N/A	#N/A	#N/A
	12/13/2012	#N/A	#N/A	#N/A	0.50	4.0	#N/A	1.9	#N/A	0.10	#N/A	#N/A	#N/A	#N/A	#N/A
	4/22/2013	1.8	0.20	0.20	0.30	4.4	3.0	1.9	1.2	0.10	1.0	3.2	0.081	1.0	8.0
	6/19/2013	1.8	0.20	0.20	0.50	1.2	3.0	1.9	#N/A	0.10	1.0	3.2	0.44	1.0	8.0
	7/19/2013	1.8	0.20	0.20	0.30	1.5	3.0	1.9	#N/A	0.10	1.0	3.2	0.22	1.0	8.0
	9/17/2013	1.8	0.20	0.20	0.50	1.4	3.0	1.9	#N/A	0.10	1.0	3.2	1.0	1.0	8.0
	11/20/2013	2.3	0.20	0.20	1.3	1.0	3.0	1.9	#N/A	0.10	1.0	3.2	1.0	1.0	8.0
	3/6/2014	1.8	0.20	0.20	0.50	1.0	3.0	1.9	#N/A	0.10	1.0	3.2	1.0	1.0	23
	6/17/2014	1.8	0.20	0.20	0.50	1.1	3.0	1.9	#N/A	0.10	1.0	3.2	1.0	1.0	8.0
	9/4/2014	1.8	1.6	0.20	0.50	1.6	3.0	1.9	#N/A	0.10	1.0	3.2	1.0	1.0	8.0
	11/13/2014	1.8	2.2	0.20	0.50	1.4	3.0	1.9	#N/A	0.10	1.0	3.2	1.0	1.0	8.0
	3/10/2015	1.8	0.20	0.20	0.50	2.1	3.0	1.9	#N/A	0.10	1.0	3.2	1.0	1.0	8.0
	6/10/2015	2.1	2.0	0.20	0.50	1.0	3.0	1.9	1.0	0.10	1.0	3.2	1.0	1.0	8.0
	9/11/2015	1.8	2.4	0.20	0.50	2.6	3.0	1.9	1.0	0.10	1.0	3.2	1.0	1.0	11
	12/9/2015	1.8	1.6	0.20	0.50	1.1	3.0	1.9	1.0	0.10	1.0	3.2	1.0	1.0	8.0
	3/8/2016	4.8	3.5	0.20	0.50	1.5	3.0	1.9	1.0	0.10	1.0	3.2	1.0	1.0	8.0
	6/7/2016	1.8	10	0.20	0.50	1.0	3.0	1.9	1.0	0.10	1.0	3.2	1.0	1.0	8.0
CS-MW36-LGR	3/19/2012	1.8	0.20	0.20	0.50	1.0	7.0	1.9	1.2	0.10	3.4	3.2	0.36	1.0	25
	3/19/2012	1.8	0.20	0.20	0.30	1.0	6.7	1.9	#N/A	0.10	4.0	3.2	0.62	1.0	22
	6/11/2012	#N/A	#N/A	#N/A	0.50	1.0	#N/A	2.7	#N/A	0.10	#N/A	#N/A	#N/A	#N/A	#N/A
	8/2/2012	2.8	0.20	0.20	0.30	1.0	3.0	2.4	#N/A	0.10	2.2	3.2	0.081	1.0	8.0
	8/6/2012	1.8	0.40	0.20	0.30	2.0	3.0	1.9	#N/A	0.10	4.6	3.2	0.081	1.0	14
	8/16/2012	1.8	0.20	0.20	0.30	1.5	3.0	1.9	#N/A	0.10	2.1	3.2	0.081	1.0	8.0
	8/30/2012	1.8	0.90	0.20	0.30	1.0	3.0	1.9	#N/A	0.10	1.1	3.2	0.081	1.0	8.0
	8/30/2012	#N/A	#N/A	#N/A	0.50	1.0	#N/A	1.9	#N/A	0.10	#N/A	#N/A	#N/A	#N/A	#N/A
	12/13/2012	#N/A	#N/A	#N/A	0.50	2.0	#N/A	1.9	#N/A	0.10	#N/A	#N/A	#N/A	#N/A	#N/A
	3/5/2013	#N/A	#N/A	#N/A	0.50	1.0	#N/A	1.9	#N/A	0.10	#N/A	#N/A	#N/A	#N/A	#N/A
	4/22/2013	1.8	0.20	0.20	0.30	1.0	3.0	1.9	1.2	0.10	1.0	3.2	0.081	1.0	22
	6/19/2013	1.8	0.20	0.20	0.50	1.0	3.0	1.9	#N/A	0.10	1.0	3.2	0.28	1.0	8.0
	7/19/2013	1.8	0.20	0.20	0.30	1.0	3.0	1.9	#N/A	0.10	1.0	3.2	0.56	1.0	8.0
	9/17/2013	1.9	0.20	0.20	0.50	1.0	3.0	1.9	#N/A	0.10	2.0	3.2	1.0	1.0	8.0
	12/2/2013	1.8	0.20	0.20	0.50	1.0	3.0	1.9	#N/A	0.10	1.0	3.2	1.0	1.0	8.0

Table 4 Metals Concentrations at AOC-65 Observation and Performance Monitoring Wells

Well ID	Sample Date	Antimony µg/L	Arsenic µg/L	Beryllium µg/L	Cadmium µg/L	Chromium µg/L	Copper µg/L	Lead µg/L	Manganese µg/L	Mercury µg/L	Nickel µg/L	Selenium µg/L	Silver µg/L	Thallium µg/L	Zinc µg/L
	3/6/2014	1.8	0.20	0.20	0.50	1.0	3.0	1.9	#N/A	0.10	1.0	3.2	1.0	1.0	18
	6/17/2014	1.8	0.20	0.20	0.50	1.0	3.0	1.9	#N/A	0.10	1.0	3.2	1.0	1.0	8.0
	9/9/2014	1.8	1.7	0.20	0.50	1.1	3.0	1.9	#N/A	0.10	1.0	3.2	1.0	1.0	8.0
	12/2/2014	1.8	2.4	0.20	0.50	1.0	3.0	1.9	#N/A	0.10	2.0	3.2	1.0	1.0	9.0
	3/10/2015	1.8	0.20	0.20	0.50	1.6	3.0	1.9	#N/A	0.10	1.0	3.2	1.0	1.0	9.0
	6/10/2015	1.9	1.7	0.20	0.50	1.0	3.0	1.9	2.0	0.10	1.0	3.2	1.0	1.0	9.0
	9/11/2015	1.8	3.8	0.20	0.50	13	3.0	1.9	1.0	0.10	1.0	3.2	1.0	1.0	8.0
	12/9/2015	1.8	1.4	0.20	0.50	4.3	3.0	1.9	13	0.10	1.0	3.2	1.0	1.0	13
	3/8/2016	5.0	5.6	0.20	0.50	13	3.0	1.9	15	0.10	1.0	3.2	2.0	1.0	8.0
	6/7/2016	2.1	10	0.20	0.50	3.6	3.0	1.9	1.0	0.10	1.0	3.2	1.0	1.0	8.0
CS-WB01-LGR-09	3/12/2012	1.8	0.20	0.20	0.30	1.1	3.0	1.9	1.2	0.10	1.0	3.2	0.081	1.0	34
	3/12/2012	1.8	0.20	0.20	0.30	3.8	3.0	1.9	#N/A	0.10	1.2	3.2	0.081	1.0	48
	8/3/2012	2.7	0.20	0.20	0.30	1.0	3.0	2.5	#N/A	0.10	1.0	3.2	0.081	1.0	28
	8/6/2012	1.8	0.20	0.20	0.30	1.4	3.4	1.9	#N/A	0.10	5.8	3.2	0.081	1.0	46
	8/17/2012	1.8	0.20	0.20	0.30	1.3	3.9	1.9	#N/A	0.10	1.0	3.2	0.081	1.0	13
	8/30/2012	1.8	0.50	0.20	0.30	1.0	4.5	1.9	#N/A	0.10	1.0	3.2	0.081	1.0	25
	4/23/2013	1.8	0.20	0.20	0.30	2.2	3.0	1.9	1.2	0.10	1.0	3.2	0.48	1.0	35
	6/13/2013	1.8	0.20	0.20	0.30	2.4	4.0	1.9	#N/A	0.10	1.0	3.2	0.79	1.0	8.0
	7/22/2013	1.8	0.20	0.20	0.30	3.4	3.0	1.9	#N/A	0.10	1.0	3.2	0.37	1.0	27
	9/23/2013	1.8	0.20	0.20	0.50	2.7	3.0	1.9	#N/A	0.10	1.0	3.2	1.0	1.0	17
	12/4/2013	1.8	0.20	0.20	0.50	1.5	3.0	1.9	#N/A	0.10	3.0	3.2	1.0	2.7	10
	3/20/2014	1.8	0.20	0.20	0.50	1.7	6.0	1.9	#N/A	0.10	1.0	3.2	1.0	1.0	22
	6/25/2014	1.8	0.20	0.20	0.50	2.1	3.0	1.9	#N/A	0.10	1.0	3.2	1.0	1.0	26
	9/11/2014	1.8	1.0	0.20	0.50	2.1	3.0	1.9	#N/A	0.10	1.0	3.2	1.0	1.0	19
	12/9/2014	1.8	0.20	0.20	1.4	1.2	3.0	1.9	#N/A	0.10	1.0	3.2	1.0	1.0	18
	3/23/2015	1.8	0.20	0.20	0.60	4.1	3.0	1.9	#N/A	0.10	8.0	3.2	1.0	2.5	2,900
	6/17/2015	1.8	2.0	0.20	0.50	1.4	3.0	1.9	1.0	0.10	1.0	3.2	1.0	1.1	9.0
	9/16/2015	1.8	0.20	0.20	0.50	4.2	3.0	1.9	1.0	0.10	5.0	8.3	1.0	1.0	22
	12/2/2015	1.8	1.1	0.20	0.50	2.8	3.0	1.9	1.0	0.10	1.0	3.2	1.0	1.0	12
	3/9/2016	4.0	6.3	0.20	0.50	2.9	3.0	1.9	1.0	0.10	1.0	3.2	1.0	1.0	9.0
	6/8/2016	1.8	2.4	0.20	0.50	4.3	3.0	1.9	1.0	0.10	2.0	3.2	1.0	1.1	22
CS-WB02-LGR-09	3/12/2012	1.8	0.20	0.20	0.30	1.0	3.0	1.9	1.2	0.10	1.0	3.2	0.081	1.0	14
	3/12/2012	1.8	0.20	0.20	0.30	2.4	3.0	1.9	#N/A	0.10	1.0	3.2	0.081	1.0	14
	8/3/2012	2.6	0.20	0.20	0.30	1.0	3.0	1.9	#N/A	0.10	1.0	3.2	0.081	1.0	14
	8/6/2012	1.8	0.20	0.20	0.30	83	3.9	1.9	#N/A	0.10	38	3.2	0.081	1.0	31
	8/17/2012	1.8	0.20	0.20	0.30	1.0	3.0	1.9	#N/A	0.10	1.0	3.2	0.081	1.0	9.6
	8/30/2012	1.8	0.90	0.20	0.30	1.0	4.0	1.9	#N/A	0.10	1.0	3.2	0.081	1.0	10
	4/29/2013	1.8	0.20	0.20	0.30	1.5	3.0	1.9	1.2	0.10	1.0	3.2	1.2	1.0	9.0
	6/12/2013	1.8	0.20	0.20	0.30	4.3	3.0	1.9	#N/A	0.10	1.5	3.2	0.96	1.0	8.0
	7/22/2013	1.8	0.20	0.20	0.30	3.3	3.0	1.9	#N/A	0.10	1.0	3.2	0.69	1.0	13
	9/18/2013	2.2	0.20	0.20	0.50	2.7	3.0	1.9	#N/A	0.10	1.0	3.2	1.0	1.0	9.0
	12/4/2013	1.8	0.20	0.20	0.50	1.4	3.0	1.9	#N/A	0.10	1.0	3.2	1.0	1.0	8.0
	3/19/2014	1.8	0.20	0.20	0.50	1.0	3.0	1.9	#N/A	0.10	1.0	3.2	1.0	1.0	8.0
	6/24/2014	1.8	0.20	0.20	0.50	3.4	3.0	1.9	#N/A	0.10	1.0	3.2	1.0	1.0	8.0
	9/11/2014	1.8	1.1	0.20	0.50	1.7	3.0	1.9	#N/A	0.10	1.0	3.2	1.0	1.0	8.0
	12/10/2014	1.8	0.50	0.20	1.6	1.3	3.0	1.9	#N/A	0.10	4.0	3.2	1.0	1.0	34
	3/23/2015	1.8	0.20	0.20	0.50	2.1	3.0	1.9	#N/A	0.10	1.0	3.2	1.0	1.0	21
	6/22/2015	1.8	1.2	0.20	0.50	3.5	3.0	1.9	1.0	0.10	1.0	3.2	1.0	1.0	8.0
	9/23/2015	1.8	1.3	0.20	0.50	3.3	3.0	1.9	1.0	0.10	1.0	3.2	1.0	1.0	8.0
	12/2/2015	2.0	1.1	0.20	0.50	2.4	3.0	1.9	1.0	0.10	1.0	3.2	1.0	1.0	9.0
	3/14/2016	2.1	7.9	0.20	0.50	1.9	3.0	1.9	1.0	0.10	1.0	3.2	2.0	1.0	8.0
	6/14/2016	3.4	5.6	0.20	0.50	2.9	3.0	1.9	1.0	0.10	1.0	3.2	1.0	1.0	8.0

Table 4 Metals Concentrations at AOC-65 Observation and Performance Monitoring Wells

Well ID	Sample Date	Antimony µg/L	Arsenic µg/L	Beryllium µg/L	Cadmium µg/L	Chromium µg/L	Copper µg/L	Lead µg/L	Manganese µg/L	Mercury µg/L	Nickel µg/L	Selenium µg/L	Silver µg/L	Thallium µg/L	Zinc µg/L
CS-WB03-LGR-09	3/13/2012	1.8	0.20	0.20	0.30	3.6	3.0	1.9	1.2	0.10	1.0	3.2	0.081	1.0	17
	3/13/2012	1.8	0.20	0.20	0.30	1.0	3.0	1.9	#N/A	0.10	1.0	3.2	0.081	1.0	30
	8/2/2012	3.0	0.20	0.20	0.30	1.0	3.0	2.5	#N/A	0.10	1.0	3.2	0.081	1.0	18
	8/6/2012	1.8	0.20	0.20	0.30	1.6	3.4	1.9	#N/A	0.10	2.4	3.2	0.081	1.0	28
	8/16/2012	1.8	0.40	0.20	0.30	1.0	3.0	1.9	#N/A	0.10	1.0	3.2	0.081	1.0	8.5
	8/30/2012	1.8	0.70	0.20	0.30	1.0	3.7	1.9	#N/A	0.10	1.0	3.2	0.081	1.0	8.3
	4/23/2013	1.8	0.20	0.20	0.30	1.7	3.0	1.9	1.2	0.10	1.0	3.2	0.081	1.0	13
	6/12/2013	1.8	0.20	0.20	0.30	5.8	3.0	1.9	#N/A	0.10	2.8	3.2	0.53	1.0	14
	7/22/2013	1.8	0.20	0.20	0.30	2.8	3.0	1.9	#N/A	0.10	1.0	3.2	0.23	1.0	15
	9/18/2013	1.8	0.20	0.20	0.50	7.3	3.0	1.9	#N/A	0.10	4.0	3.2	1.0	1.0	15
	12/4/2013	1.8	0.20	0.20	0.50	1.4	3.0	1.9	#N/A	0.10	1.0	3.2	1.0	1.0	10
	3/17/2014	1.8	0.20	0.20	0.50	1.7	3.0	1.9	#N/A	0.10	1.0	3.2	1.0	1.0	8.0
	6/24/2014	1.8	0.20	0.20	0.50	3.0	4.0	1.9	#N/A	0.10	2.0	3.2	1.0	1.0	16
	9/10/2014	1.8	0.20	0.20	0.50	1.3	3.0	1.9	#N/A	0.10	1.0	3.2	1.0	1.0	8.0
	12/3/2014	1.8	2.7	0.20	0.50	1.0	3.0	1.9	#N/A	0.10	2.0	3.2	1.0	1.0	8.0
	3/24/2015	1.8	0.60	0.20	0.50	2.8	3.0	1.9	#N/A	0.10	1.0	3.2	1.0	2.2	8.0
	6/18/2015	1.8	1.1	0.20	0.50	2.6	3.0	1.9	1.0	0.10	1.0	3.2	1.0	1.6	8.0
9/17/2015	1.8	0.20	0.20	0.50	3.5	3.0	1.9	1.0	0.10	5.0	8.4	1.0	1.0	9.0	
12/2/2015	1.8	2.3	0.20	0.50	4.4	3.0	1.9	1.0	0.10	1.0	3.2	1.0	1.0	10	
3/14/2016	1.8	3.7	0.20	0.50	2.5	3.0	1.9	1.0	0.10	1.0	3.2	1.0	1.0	8.0	
6/15/2016	5.5	4.7	0.20	0.50	3.4	3.0	4.4	1.0	0.10	1.0	3.2	2.0	1.0	8.0	
CS-WB04-LGR-11	3/13/2012	1.8	0.20	0.20	0.30	2.4	3.0	1.9	1.2	0.10	1.0	3.2	0.081	1.0	33
	3/13/2012	1.8	0.20	0.20	0.30	1.2	3.0	1.9	#N/A	0.10	1.0	3.2	0.081	1.0	28
	8/2/2012	3.5	0.20	0.20	0.30	1.0	3.0	1.9	#N/A	0.10	1.0	3.2	0.081	1.0	16
	8/6/2012	1.8	0.20	0.20	0.30	1.0	3.1	1.9	#N/A	0.10	6.7	3.2	0.081	1.0	30
	8/16/2012	1.8	0.20	0.20	0.30	1.0	3.0	1.9	#N/A	0.10	1.0	3.2	0.081	1.0	11
	8/30/2012	1.8	0.20	0.20	0.30	1.0	3.0	2.6	#N/A	0.10	1.0	3.2	0.081	1.0	8.0
	10/2/2012	1.8	0.20	0.20	0.30	1.0	3.0	1.9	#N/A	0.10	1.0	3.2	0.29	1.0	15
	4/24/2013	1.8	0.20	0.20	0.30	1.6	3.0	1.9	1.2	0.10	1.0	3.2	0.081	1.0	21
	6/20/2013	1.8	0.20	0.20	0.30	2.4	3.0	1.9	#N/A	0.10	1.0	3.2	0.081	1.0	8.0
	7/22/2013	1.8	0.20	0.20	0.30	4.0	3.0	1.9	#N/A	0.10	1.3	3.2	0.45	1.0	8.0
	9/23/2013	2.2	0.20	0.20	0.50	1.8	3.0	1.9	#N/A	0.10	1.0	3.2	1.0	1.0	18
	12/2/2013	1.8	0.20	0.20	0.50	4.0	3.0	1.9	#N/A	0.10	1.0	4.4	1.0	1.0	8.0
	3/6/2014	1.8	0.20	0.20	0.50	2.2	3.0	1.9	#N/A	0.10	2.0	3.2	1.0	1.0	820
	6/25/2014	1.8	0.20	0.20	0.50	2.5	3.0	1.9	#N/A	0.10	1.0	3.2	1.0	1.0	14
	9/10/2014	1.8	1.4	0.20	0.50	2.0	3.0	1.9	#N/A	0.10	1.0	3.2	1.0	1.0	13
	12/8/2014	1.8	0.20	0.20	1.4	1.1	3.0	1.9	#N/A	0.10	1.0	3.2	1.0	1.0	13
	3/24/2015	1.8	0.20	0.20	0.50	2.3	3.0	1.9	#N/A	0.10	1.0	3.2	1.0	1.1	14
5/18/2015	1.8	0.20	0.20	0.50	1.8	3.0	1.9	1.0	0.10	2.0	3.2	1.0	1.0	8.0	
9/22/2015	1.8	1.6	0.20	0.50	4.2	3.0	1.9	1.0	0.10	1.0	3.2	1.0	1.0	9.0	
12/3/2015	1.8	1.4	0.20	0.50	5.0	3.0	1.9	1.0	0.10	2.0	3.2	1.0	1.0	12	
3/8/2016	4.4	6.3	0.20	0.50	7.1	3.0	1.9	1.0	0.10	4.0	3.2	1.0	1.0	10	
6/9/2016	2.0	1.7	0.20	0.50	1.7	3.0	1.9	1.0	0.10	1.0	3.2	1.0	1.0	24	
Performance Wells															
PZ-01	7/20/2012	3.1	0.20	0.20	0.30	1.0	3.0	1.9	2.2	0.10	1.0	3.2	0.081	1.0	8.0
	7/20/2012	1.8	0.20	0.20	0.30	1.0	4.4	1.9	#N/A	0.10	1.0	3.2	0.081	1.0	12
	4/16/2013	1.8	1.7	0.20	0.30	1.4	3.0	1.9	11	0.10	1.0	3.2	0.28	1.0	41
	6/19/2013	2.5	0.20	0.20	0.30	1.3	3.0	1.9	#N/A	0.10	1.0	3.2	0.081	1.0	14
	7/23/2013	2.3	0.30	0.20	0.30	1.3	3.0	1.9	#N/A	0.10	1.0	3.2	0.30	1.0	30
	9/17/2013	2.9	0.20	0.20	0.50	1.2	3.0	1.9	#N/A	0.10	1.0	3.2	1.0	1.0	24
11/18/2013	2.8	0.20	0.30	2.2	1.7	6.0	1.9	#N/A	0.10	2.0	3.2	2.0	1.0	78	

Table 4 Metals Concentrations at AOC-65 Observation and Performance Monitoring Wells

Well ID	Sample Date	Antimony µg/L	Arsenic µg/L	Beryllium µg/L	Cadmium µg/L	Chromium µg/L	Copper µg/L	Lead µg/L	Manganese µg/L	Mercury µg/L	Nickel µg/L	Selenium µg/L	Silver µg/L	Thallium µg/L	Zinc µg/L
	2/10/2014	1.8	1.0	0.20	0.50	1.1	3.0	1.9	#N/A	0.20	1.0	3.2	1.0	1.0	35
	5/14/2014	2.6	0.60	0.20	0.50	3.3	5.0	1.9	#N/A	0.10	1.0	3.2	1.0	1.0	70
	8/6/2014	3.0	0.30	0.20	0.50	1.6	3.0	1.9	#N/A	0.10	1.0	3.2	1.0	1.0	71
	11/18/2014	2.8	1.8	0.20	0.50	1.0	4.0	1.9	#N/A	0.10	1.0	3.2	1.0	1.0	26
	2/19/2015	1.8	0.20	0.20	1.5	1.0	3.0	1.9	#N/A	0.10	1.0	3.2	1.0	1.0	31
	5/14/2015	1.8	0.20	0.20	0.50	1.2	3.0	1.9	1.0	0.10	1.0	3.2	1.0	1.0	15
	9/24/2015	3.2	3.1	0.20	0.50	1.7	3.0	1.9	2.0	0.10	1.0	3.2	1.0	1.0	25
	12/1/2015	2.4	0.80	0.20	0.50	1.3	3.0	1.9	1.0	0.10	1.0	3.2	1.0	1.0	8.0
	1/13/2016	1.8	1.1	0.20	0.50	1.6	3.0	3.6	1.0	0.10	1.0	3.2	1.0	1.0	8.0
	2/10/2016	4.3	0.50	0.20	0.50	2.2	3.0	1.9	3.0	0.10	1.0	4.5	1.0	1.0	13
	3/10/2016	3.7	4.6	0.20	0.50	1.3	5.0	1.9	1.0	0.10	1.0	3.2	1.0	1.0	13
	6/20/2016	5.6	8.8	0.20	0.50	2.0	3.0	2.7	1.0	0.10	1.0	3.2	2.0	1.0	8.0
PZ-02	7/20/2012	2.8	0.20	0.20	0.30	1.0	3.0	1.9	6.5	0.10	1.0	3.2	0.081	1.0	8.0
	7/20/2012	1.8	0.20	0.20	0.30	1.0	3.2	1.9	#N/A	0.10	1.0	3.2	0.081	1.0	8.0
	4/16/2013	1.8	0.40	0.20	0.30	30	3.0	1.9	29	0.10	1.2	3.2	0.20	1.0	8.0
	6/19/2013	1.9	0.20	0.20	0.30	84	3.0	1.9	#N/A	0.10	1.0	3.2	0.72	1.0	8.0
	7/23/2013	3.8	4.7	0.40	0.30	93	12	1.9	#N/A	0.10	6.3	3.2	1.8	1.0	16
	11/18/2013	4.0	0.20	0.20	16	150	3.0	1.9	#N/A	0.10	2.0	3.2	2.0	1.0	10
	2/10/2014	3.1	4.4	0.80	0.50	170	9.0	1.9	#N/A	0.20	10	3.2	2.0	1.0	34
	5/14/2014	7.3	11	2.0	0.50	250	17	4.1	#N/A	0.30	21	3.2	1.0	1.1	45
	8/6/2014	6.8	7.2	0.90	0.50	270	8.0	1.9	#N/A	0.10	10	3.2	1.0	1.0	33
	11/18/2014	13	7.7	0.20	0.50	340	8.0	1.9	#N/A	0.70	1.0	3.2	1.0	1.3	8.0
	2/18/2015	1.8	0.20	0.20	6.5	190	3.0	1.9	#N/A	0.30	1.0	3.7	1.0	1.0	27
	5/14/2015	3.6	0.20	0.20	3.7	160	3.0	11	12	0.30	3.0	3.2	1.0	1.0	38
	9/24/2015	5.2	32	2.8	0.50	200	3.0	9.8	600	3.4	30	6.7	1.0	1.0	54
	12/1/2015	1.8	3.7	0.20	0.50	36	3.0	1.9	1.0	0.10	1.0	3.2	1.0	1.0	8.0
	1/13/2016	3.4	6.0	0.20	0.50	130	3.0	2.7	17	0.10	1.0	3.2	1.0	1.0	8.0
	2/10/2016	7.5	9.0	0.20	0.50	170	3.0	1.9	18	0.10	2.0	14	2.0	1.0	8.0
	3/10/2016	11	32	0.20	0.50	200	7.0	1.9	5.0	0.10	1.0	3.2	1.0	1.0	8.0
	6/20/2016	8.5	18	0.20	0.50	110	3.0	3.4	23	0.10	2.0	3.2	1.0	1.0	8.0
PZ-05	7/20/2012	3.7	0.20	0.20	0.30	1.0	3.0	1.9	2.5	0.10	1.0	3.2	0.74	1.0	8.0
	7/20/2012	1.8	0.20	0.20	0.30	1.0	3.9	1.9	#N/A	0.10	1.0	3.2	0.12	1.0	8.0
	4/16/2013	1.8	0.20	0.20	0.30	1.0	3.0	1.9	3.2	0.10	1.0	3.2	0.72	1.0	8.0
	6/19/2013	1.8	0.20	0.20	0.30	5.0	3.0	1.9	#N/A	0.10	1.0	3.2	0.18	1.0	8.0
	7/23/2013	1.8	0.20	0.20	0.30	2.5	3.0	1.9	#N/A	0.10	1.0	3.2	0.35	1.0	8.0
	9/17/2013	2.1	1.0	0.20	0.50	3.6	3.0	1.9	#N/A	0.10	1.0	3.2	1.0	1.0	24
	11/18/2013	2.3	0.20	0.20	3.4	4.3	3.0	1.9	#N/A	0.10	1.0	3.2	1.0	1.0	9.0
	2/10/2014	1.8	0.40	0.20	0.50	5.4	4.0	1.9	#N/A	0.10	1.0	3.2	1.0	1.0	24
	5/14/2014	1.8	0.20	0.20	0.50	5.8	3.0	1.9	#N/A	0.10	1.0	3.2	1.0	3.0	10
	8/6/2014	5.3	0.40	0.20	0.50	2.0	3.0	1.9	#N/A	0.10	1.0	3.2	1.0	1.0	22
	11/18/2014	2.3	0.80	0.20	0.50	5.2	4.0	1.9	#N/A	0.10	1.0	3.2	1.0	1.0	8.0
	2/18/2015	1.8	0.20	0.20	2.6	18	3.0	1.9	#N/A	0.10	1.0	3.2	1.0	1.0	18
	5/14/2015	1.8	0.20	0.20	0.60	24	3.0	2.5	1.0	0.10	5.0	3.2	1.0	1.0	9.0
	9/24/2015	3.8	4.2	0.20	0.50	6.8	3.0	2.9	34	0.10	3.0	3.2	1.0	1.0	80
	12/1/2015	2.2	1.8	0.20	0.50	8.0	3.0	2.0	1.0	0.10	1.0	3.2	1.0	1.0	8.0
	1/13/2016	1.9	2.5	0.20	0.50	18	3.0	2.9	1.0	0.10	1.0	3.2	1.0	1.0	8.0
	2/10/2016	4.6	4.6	0.20	0.50	6.5	3.0	2.0	1.0	0.10	1.0	3.7	1.0	1.0	8.0
	3/10/2016	4.8	5.6	0.20	0.50	5.4	7.0	1.9	2.0	0.10	1.0	3.2	1.0	1.0	8.0
	6/20/2016	5.2	2.9	0.20	0.50	6.3	3.0	4.7	1.0	0.10	1.0	3.2	2.0	1.0	8.0
PZ-06	7/20/2012	1.8	0.20	0.20	0.30	1.4	4.0	1.9	1.2	0.10	1.0	3.2	0.081	1.0	8.0
	7/20/2012	1.8	0.20	0.20	0.30	1.0	4.1	1.9	#N/A	0.10	2.3	3.2	0.081	1.0	8.0

Table 4 Metals Concentrations at AOC-65 Observation and Performance Monitoring Wells

Well ID	Sample Date	Antimony µg/L	Arsenic µg/L	Beryllium µg/L	Cadmium µg/L	Chromium µg/L	Copper µg/L	Lead µg/L	Manganese µg/L	Mercury µg/L	Nickel µg/L	Selenium µg/L	Silver µg/L	Thallium µg/L	Zinc µg/L
	4/16/2013	2.5	0.20	0.20	0.30	1.0	3.0	1.9	2.7	0.10	1.0	3.2	0.98	1.0	8.0
	6/19/2013	1.8	0.20	0.20	0.30	1.3	3.0	1.9	#N/A	0.10	1.0	3.2	0.081	1.0	8.0
	7/23/2013	1.8	0.20	0.20	0.30	1.0	3.0	1.9	#N/A	0.10	1.0	3.2	0.73	1.0	8.0
	9/17/2013	2.2	0.20	0.20	0.50	1.3	3.0	1.9	#N/A	0.10	1.0	3.2	1.0	1.0	8.0
	11/18/2013	1.8	0.20	0.20	2.9	1.2	3.0	1.9	#N/A	0.10	2.0	3.2	1.0	1.0	8.0
	2/10/2014	1.8	0.20	0.20	0.50	1.0	3.0	1.9	#N/A	0.20	1.0	3.2	1.0	1.0	8.0
	5/14/2014	1.9	0.20	0.20	0.50	1.0	3.0	1.9	#N/A	0.10	1.0	3.2	1.0	1.7	8.0
	8/6/2014	2.6	0.30	0.20	0.50	1.0	3.0	1.9	#N/A	0.10	1.0	3.2	1.0	1.0	8.0
	11/18/2014	1.8	0.20	0.20	0.50	1.0	4.0	1.9	#N/A	0.10	1.0	3.2	1.0	1.1	8.0
	2/19/2015	1.8	0.20	0.30	3.3	4.4	3.0	1.9	#N/A	0.10	1.0	3.2	1.0	1.0	18
	5/14/2015	1.8	0.20	0.20	0.50	2.1	3.0	1.9	2.0	0.10	2.0	3.2	1.0	1.0	8.0
	9/24/2015	1.8	3.1	0.20	0.50	1.1	3.0	1.9	7.0	0.10	1.0	3.2	1.0	1.0	8.0
	12/1/2015	2.2	0.70	0.20	0.50	1.2	3.0	1.9	1.0	0.10	1.0	3.2	1.0	1.0	9.0
	1/13/2016	6.1	3.8	0.20	0.50	1.6	3.0	2.7	1.0	0.10	1.0	3.2	1.0	1.0	8.0
	2/10/2016	4.4	0.20	0.20	0.50	2.2	3.0	2.3	18	0.10	1.0	8.1	1.0	1.0	8.0
	3/10/2016	5.6	4.7	0.20	0.50	1.6	5.0	1.9	1.0	0.10	1.0	3.2	2.0	1.0	8.0
	6/20/2016	8.3	9.3	0.20	0.50	3.7	5.0	4.7	39	0.10	1.0	3.2	3.0	1.0	12
TSW-01	7/18/2012	1.8	1.5	0.20	0.30	3.1	3.0	1.9	48	0.20	10	3.2	1.1	1.0	14
	7/18/2012	1.8	0.20	0.20	0.30	1.0	5.2	1.9	#N/A	0.20	6.6	3.2	0.44	1.9	8.0
	8/30/2012	1.8	1.2	0.20	0.30	1.0	5.3	1.9	#N/A	0.10	1.4	3.2	0.081	1.0	11
	9/28/2012	1.8	0.20	0.20	0.30	1.0	3.0	1.9	#N/A	0.10	1.0	3.2	0.66	1.0	8.0
	10/1/2012	1.8	0.20	0.20	0.30	1.0	3.0	1.9	#N/A	0.10	1.0	3.2	0.43	1.0	12
	4/16/2013	1.8	0.20	0.20	0.30	1.0	3.0	1.9	1.2	0.10	1.0	3.2	0.72	1.0	8.0
	6/19/2013	1.8	0.20	0.20	0.30	3.6	3.0	1.9	#N/A	0.10	2.4	3.2	0.82	1.0	8.0
	7/23/2013	1.8	3.7	0.20	0.30	3.1	8.0	1.9	#N/A	0.10	5.3	3.2	2.5	1.0	8.0
	9/17/2013	2.2	3.4	0.20	0.50	2.4	5.0	1.9	#N/A	0.10	3.0	3.2	3.0	1.0	8.0
	11/18/2013	1.8	0.20	0.20	14	5.4	3.0	1.9	#N/A	0.10	5.0	3.2	1.0	1.0	8.0
	2/10/2014	1.8	0.60	0.20	0.50	2.5	3.0	1.9	#N/A	0.30	2.0	3.2	1.0	1.0	8.0
	5/14/2014	1.8	0.20	0.20	0.50	3.4	4.0	1.9	#N/A	0.10	3.0	3.2	1.0	1.0	8.0
	8/6/2014	2.6	2.4	0.20	0.50	1.1	3.0	1.9	#N/A	0.10	2.0	3.2	1.0	1.0	8.0
	11/18/2014	2.0	28	0.20	0.50	54	23	1.9	#N/A	0.50	70	8.5	3.0	1.8	8.0
	2/19/2015	1.8	0.40	0.20	15	47	3.0	1.9	#N/A	0.20	65	14	1.0	1.0	28
	5/14/2015	1.8	0.20	0.20	6.4	34	3.0	19	10	0.30	75	3.2	1.0	1.0	62
	9/24/2015	1.8	19	0.20	0.50	35	3.0	1.9	33	0.40	30	7.0	4.0	1.0	8.0
	11/30/2015	2.2	9.7	0.20	0.50	23	3.0	1.9	1.0	0.30	6.0	3.2	3.0	1.0	8.0
	1/13/2016	1.8	10	0.20	0.50	26	3.0	1.9	16	0.30	10	3.2	4.0	1.0	8.0
	2/10/2016	5.3	12	0.20	0.50	27	3.0	1.9	3.0	0.10	6.0	12	4.0	1.0	18
	3/10/2016	9.7	31	0.20	0.50	30	14	1.9	11	0.20	10	3.2	2.0	1.0	11
	6/21/2016	3.9	21	0.20	0.50	30	11	1.9	1.0	0.10	5.0	3.2	1.0	1.3	8.0
TSW-03	7/20/2012	1.8	0.20	0.20	0.30	3.4	3.0	1.9	7.5	0.10	1.0	3.2	0.081	1.0	8.0
	7/20/2012	1.8	0.20	0.20	0.30	2.1	3.0	1.9	#N/A	0.10	1.0	3.2	0.081	1.0	8.0
	8/30/2012	3.6	11	0.20	0.30	95	3.0	1.9	#N/A	0.50	20	3.2	3.8	1.0	18
	10/1/2012	1.9	12	0.20	0.30	150	3.0	1.9	#N/A	1.1	7.6	3.2	3.0	1.0	31
	1/9/2013	6.3	17	0.20	0.30	390	3.0	1.9	1.8	4.0	6.7	15	4.2	1.0	49
	4/16/2013	5.8	34	0.20	0.30	360	3.0	1.9	1.2	1.4	7.4	23	0.081	1.0	8.0
	6/19/2013	3.8	47	0.20	0.30	340	3.0	1.9	#N/A	1.2	2.6	17	2.9	1.0	8.0
	7/23/2013	5.8	63	0.20	0.30	390	5.0	1.9	#N/A	3.0	3.6	22	3.9	1.0	8.0
	9/17/2013	7.5	200	0.20	0.50	540	3.0	1.9	#N/A	5.1	4.0	23	2.0	1.0	8.0
	11/18/2013	9.8	77	0.20	78	870	3.0	1.9	#N/A	1.8	3.0	30	2.0	1.0	15
	2/10/2014	6.7	76	0.20	0.50	600	4.0	1.9	#N/A	2.6	7.0	3.2	3.0	1.0	17
	5/14/2014	13	56	0.20	0.50	770	4.0	1.9	#N/A	2.8	9.0	37	1.0	1.0	19
	8/6/2014	12	60	0.20	5.1	750	4.0	1.9	#N/A	1.6	9.0	34	1.0	1.0	19

Table 4 Metals Concentrations at AOC-65 Observation and Performance Monitoring Wells

Well ID	Sample Date	Antimony µg/L	Arsenic µg/L	Beryllium µg/L	Cadmium µg/L	Chromium µg/L	Copper µg/L	Lead µg/L	Manganese µg/L	Mercury µg/L	Nickel µg/L	Selenium µg/L	Silver µg/L	Thallium µg/L	Zinc µg/L
	11/18/2014	18	47	0.20	0.50	630	7.0	1.9	#N/A	3.0	2.0	29	1.0	1.0	8.0
	2/19/2015	4.6	250	0.60	12	900	3.0	1.9	#N/A	4.1	26	31	1.0	1.0	65
	5/14/2015	13	370	0.50	5.7	770	3.0	12	24	1.5	1.0	39	3.0	1.0	57
	9/24/2015	12	460	0.20	0.50	890	3.0	1.9	14	0.50	2.0	39	1.0	1.0	8.0
	11/30/2015	11	240	0.20	0.50	610	3.0	1.9	89	1.3	1.0	23	1.0	1.0	8.0
	1/13/2016	13	300	0.20	0.50	920	3.0	1.9	6,400	1.7	3.0	27	1.0	1.0	8.0
	2/10/2016	12	300	0.20	0.50	990	11	1.9	7,600	1.2	1.0	37	1.0	1.0	8.0
	3/10/2016	20	300	0.20	0.50	1,100	3.0	1.9	8,800	1.1	1.0	30	1.0	1.0	8.0
	6/21/2016	20	270	0.20	0.50	1,000	3.0	1.9	680	0.90	1.0	14	1.0	1.0	8.0
TSW-04	7/20/2012	1.8	0.20	0.20	0.30	1.0	3.0	1.9	8.8	0.10	1.6	3.2	0.081	1.0	8.0
	7/20/2012	1.8	0.20	0.20	0.30	1.0	4.7	1.9	#N/A	0.10	2.4	3.2	0.081	1.0	8.0
	8/30/2012	2.3	0.20	0.20	0.30	1.0	3.0	1.9	#N/A	0.10	1.1	5.9	0.081	1.0	8.0
	4/16/2013	2.0	9.7	0.20	0.30	89	3.0	1.9	7.1	0.10	31	3.2	1.8	1.0	23
	6/19/2013	2.2	16	0.20	0.30	180	3.0	1.9	#N/A	0.40	9.5	3.2	3.5	1.0	8.0
	7/23/2013	4.5	27	0.20	0.30	250	13	1.9	#N/A	0.90	30	6.8	3.1	1.0	14
	9/17/2013	3.0	24	0.20	0.50	63	8.0	1.9	#N/A	0.10	75	6.6	4.0	1.0	11
	11/18/2013	12	0.20	0.20	87	1,400	3.0	1.9	#N/A	1.7	15	36	3.0	1.0	8.0
	2/10/2014	16	910	1.1	0.50	1,200	3.0	1.9	#N/A	1.7	1.0	3.2	3.0	1.0	8.0
	5/14/2014	17	330	0.20	0.50	1,300	3.0	1.9	#N/A	1.7	5.0	41	1.0	1.0	10
	8/6/2014	11	1,200	0.80	0.50	1,100	3.0	1.9	#N/A	1.3	1.0	36	2.0	1.0	11
	11/18/2014	12	890	0.20	0.50	710	3.0	1.9	#N/A	1.7	1.0	44	1.0	1.0	8.0
	2/18/2015	1.8	320	0.20	15	680	3.0	1.9	#N/A	1.2	45	46	1.0	1.0	50
	5/14/2015	1.8	880	1.3	5.7	660	3.0	11	6.0	0.60	11	34	1.0	1.0	54
	9/24/2015	13	590	0.20	0.50	530	3.0	1.9	17	0.40	2.0	21	1.0	1.0	8.0
	11/30/2015	11	550	0.20	0.50	520	3.0	1.9	1.0	0.60	1.0	3.2	1.0	1.0	8.0
	1/13/2016	11	380	0.20	0.50	550	3.0	1.9	3,500	0.50	1.0	10	1.0	1.0	8.0
	2/10/2016	9.2	400	0.20	0.50	650	15	1.9	4,100	0.70	1.0	23	1.0	1.0	8.0
	3/10/2016	21	410	0.20	0.50	1,000	3.0	1.9	8,700	0.30	1.0	3.2	1.0	1.0	8.0
	6/21/2016	18	460	1.9	0.50	750	58	12	11,000	2.0	200	4.2	1.0	1.0	140
TSW-05	7/20/2012	1.8	0.20	0.20	0.30	1.0	3.0	1.9	9.4	0.10	5.6	3.2	0.081	1.0	8.0
	7/20/2012	1.8	0.20	0.20	0.30	1.0	3.0	1.9	#N/A	0.10	7.7	3.2	0.45	1.0	36
	8/14/2012	1.8	0.20	0.20	0.30	1.6	6.7	2.9	#N/A	0.10	4.2	3.2	0.081	1.0	620
	8/30/2012	1.8	0.30	0.20	0.30	1.0	3.0	1.9	#N/A	0.10	1.0	3.2	0.081	1.0	15
	4/18/2013	1.8	0.20	0.20	0.30	1.0	3.0	1.9	1.2	0.10	1.0	3.2	0.62	1.0	8.0
	6/19/2013	1.8	0.20	0.20	0.30	1.0	3.0	1.9	#N/A	0.10	1.0	3.2	0.081	1.0	8.0
	7/23/2013	1.8	0.20	0.20	0.30	1.0	3.0	1.9	#N/A	0.10	1.0	3.2	0.74	1.0	8.0
	9/17/2013	1.8	0.20	0.20	0.50	1.4	3.0	1.9	#N/A	0.10	1.0	3.2	1.0	1.0	8.0
	11/18/2013	1.8	0.20	0.20	2.9	1.0	3.0	1.9	#N/A	0.10	2.0	3.2	1.0	1.0	8.0
	2/10/2014	1.8	0.20	0.20	0.50	1.0	3.0	1.9	#N/A	0.10	1.0	3.2	1.0	1.0	8.0
	5/14/2014	1.8	0.20	0.20	0.50	4.5	3.0	1.9	#N/A	0.10	1.0	3.2	1.0	1.0	17
	8/6/2014	2.0	0.50	0.20	0.50	1.0	3.0	1.9	#N/A	0.10	2.0	3.2	1.0	1.0	19
	11/18/2014	1.8	1.6	0.20	0.50	1.0	4.0	1.9	#N/A	0.10	1.0	3.2	1.0	1.0	8.0
	2/18/2015	1.8	0.20	0.20	3.2	1.0	3.0	1.9	#N/A	0.10	1.0	3.2	1.0	1.0	10
	5/14/2015	1.8	0.20	0.20	0.50	1.4	3.0	1.9	4.0	0.10	2.0	3.2	1.0	1.0	8.0
	8/21/2015	4.4	3.1	0.20	0.50	2.4	3.0	1.9	4.0	0.10	1.0	3.2	1.0	1.4	9.0
	9/24/2015	1.8	1.8	0.20	0.50	1.0	3.0	1.9	25	0.10	1.0	3.2	1.0	1.0	8.0
	11/30/2015	2.4	1.1	0.20	0.50	1.0	3.0	1.9	2.0	0.10	1.0	3.2	1.0	1.0	8.0
	1/13/2016	1.9	0.20	0.20	0.50	1.8	3.0	2.3	6.0	0.10	1.0	3.2	1.0	1.0	8.0
	2/10/2016	5.9	0.20	0.20	0.50	1.6	3.0	4.0	1.0	0.10	1.0	3.2	2.0	1.0	8.0
	3/11/2016	5.3	12	0.20	0.50	1.0	3.0	1.9	8.0	0.10	1.0	3.2	1.0	1.0	9.0
	6/21/2016	2.4	6.7	0.20	0.50	1.0	3.0	1.9	3.0	0.10	1.0	3.2	1.0	1.0	8.0

Table 4 Metals Concentrations at AOC-65 Observation and Performance Monitoring Wells

Well ID	Sample Date	Antimony µg/L	Arsenic µg/L	Beryllium µg/L	Cadmium µg/L	Chromium µg/L	Copper µg/L	Lead µg/L	Manganese µg/L	Mercury µg/L	Nickel µg/L	Selenium µg/L	Silver µg/L	Thallium µg/L	Zinc µg/L
TSW-07	7/20/2012	1.8	0.20	0.20	0.30	2.1	3.0	1.9	12	0.10	1.0	3.2	0.081	1.0	8.0
	7/20/2012	1.8	0.20	0.20	0.30	1.0	3.0	1.9	#N/A	0.10	1.0	3.2	0.081	1.0	8.0
	8/30/2012	1.8	0.40	0.20	0.30	1.0	3.0	1.9	#N/A	0.10	1.0	3.2	0.081	1.0	8.0
	4/16/2013	1.8	0.20	0.20	0.30	1.5	3.0	2.2	8.8	0.10	1.0	3.2	0.081	1.0	18
	6/19/2013	1.8	0.80	0.20	0.30	29	3.0	1.9	#N/A	0.10	1.0	3.2	1.3	1.0	8.0
	7/23/2013	2.4	8.5	0.20	0.30	62	11	1.9	#N/A	0.90	5.9	3.2	4.0	1.0	31
	9/17/2013	1.8	2.2	0.20	0.50	16	4.0	3.0	#N/A	0.50	2.0	3.2	1.0	1.0	29
	11/18/2013	3.0	0.20	0.30	40	140	3.0	1.9	#N/A	5.8	7.0	7.3	6.0	1.0	35
	2/10/2014	2.4	9.5	0.20	0.50	330	4.0	1.9	#N/A	5.6	3.0	3.2	4.0	1.0	17
	5/14/2014	9.3	14	0.30	0.50	610	6.0	1.9	#N/A	4.1	12	3.2	2.0	1.0	24
	8/6/2014	11	12	0.20	0.50	630	4.0	1.9	#N/A	6.3	2.0	3.2	2.0	1.0	75
	11/18/2014	5.0	6.5	0.20	0.50	130	9.0	1.9	#N/A	1.1	1.0	3.2	2.0	1.0	53
	2/18/2015	1.8	1.8	0.70	18	210	3.0	1.9	#N/A	2.8	24	8.9	1.0	1.0	41
	5/14/2015	2.0	0.20	0.20	5.1	150	3.0	15	25	1.8	5.0	3.2	2.0	1.0	50
	9/24/2015	6.1	28	0.50	0.50	230	3.0	1.9	310	16	17	8.9	9.0	1.0	26
	11/30/2015	2.2	5.8	0.20	0.50	74	5.0	1.9	6.0	0.40	1.0	3.2	1.0	1.0	8.0
1/13/2016	2.0	11	0.20	0.50	160	3.0	1.9	17	0.60	2.0	3.8	1.0	1.0	8.0	
2/10/2016	8.2	20	0.20	0.50	180	3.0	1.9	65	1.8	4.0	18	3.0	1.0	8.0	
3/10/2016	11	43	0.20	0.50	190	5.0	1.9	18	0.50	1.0	3.2	1.0	1.0	14	
6/21/2016	7.7	22	0.20	0.50	160	5.0	1.9	18	0.40	1.0	3.2	1.0	1.0	8.0	
VEW-15	7/18/2012	1.9	0.40	0.40	0.93	5.3	8.0	5.8	63	0.20	3.8	3.2	0.93	1.0	9,800
	7/18/2012	1.8	0.20	0.20	0.30	1.0	4.1	1.9	#N/A	0.20	3.2	3.2	0.081	1.0	3,800
	8/14/2012	1.8	0.20	0.20	0.50	15	6.2	1.9	#N/A	0.10	9.0	3.2	0.081	1.0	2,500
	8/30/2012	1.8	0.20	0.20	0.30	1.0	3.0	1.9	#N/A	0.10	1.0	3.2	0.081	1.0	2,100
	10/1/2012	1.8	0.20	0.20	0.40	1.0	3.0	1.9	#N/A	0.10	1.0	3.2	0.17	1.0	2,200
	1/9/2013	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	1,100
	4/17/2013	1.8	0.20	0.20	0.30	1.0	3.0	1.9	4.0	0.10	1.0	3.2	0.39	1.0	1,900
	6/19/2013	1.8	0.20	0.20	0.40	1.0	3.0	1.9	#N/A	0.10	1.0	3.2	0.081	1.0	1,600
	7/23/2013	1.8	0.20	0.20	0.30	1.0	3.0	1.9	#N/A	0.10	1.3	3.2	0.76	1.0	2,300
	9/17/2013	1.8	0.20	0.20	0.50	1.0	3.0	1.9	#N/A	0.10	1.0	3.2	1.0	1.0	2,600
	11/18/2013	3.2	0.20	0.20	2.2	1.0	3.0	1.9	#N/A	0.10	2.0	3.2	2.0	1.0	1,800
	2/10/2014	1.8	0.20	0.20	0.50	1.0	3.0	1.9	#N/A	0.20	1.0	3.2	1.0	1.0	1,600
	5/14/2014	1.8	0.20	0.20	0.50	1.3	3.0	1.9	#N/A	0.10	1.0	3.2	1.0	1.0	1,300
	8/6/2014	1.8	0.60	0.20	0.50	1.0	3.0	1.9	#N/A	0.10	2.0	3.2	1.0	1.0	1,800
	11/18/2014	1.8	2.1	0.20	0.50	1.0	4.0	1.9	#N/A	0.10	1.0	3.2	1.0	3.1	1,800
	2/18/2015	1.8	3.4	1.0	2.1	7.5	16	34	#N/A	0.10	5.0	3.2	1.0	1.0	14,000
5/14/2015	1.8	0.30	0.20	0.50	1.0	3.0	2.4	5.0	0.10	2.0	3.2	1.0	1.0	1,100	
8/21/2015	2.6	2.1	0.20	0.50	2.0	3.0	1.9	140	0.50	2.0	3.2	1.0	1.0	1,800	
9/24/2015	1.8	5.3	0.80	0.50	1.1	24	25	200	0.40	1.0	3.2	1.0	1.0	13,000	
12/1/2015	2.3	1.0	0.20	0.50	1.0	3.0	2.2	28	0.10	1.0	3.2	1.0	1.0	970	
1/14/2016	1.8	2.2	0.20	0.50	1.0	3.0	5.4	44	0.10	1.0	3.2	1.0	1.0	1,600	
2/10/2016	3.3	0.30	0.20	0.50	1.4	3.0	6.2	74	0.10	1.0	3.2	1.0	1.0	1,500	
3/11/2016	2.4	14	0.20	0.50	1.0	3.0	1.9	71	0.10	1.0	3.2	2.0	1.0	1,000	
6/21/2016	3.2	2.6	0.20	0.50	1.2	5.0	1.9	38	0.10	2.0	3.2	1.0	1.0	1,800	
VEW-19	7/18/2012	2.1	0.20	0.20	0.30	1.1	3.0	1.9	8.0	0.20	1.0	3.2	0.21	1.0	57
	7/18/2012	2.8	0.20	0.20	0.30	1.0	4.3	1.9	#N/A	0.20	1.0	3.2	0.61	2.0	42
	8/30/2012	1.8	0.20	0.20	0.30	1.0	3.0	1.9	#N/A	0.10	1.0	3.7	0.081	1.0	70
	4/16/2013	1.8	0.80	0.20	0.30	1.0	3.0	1.9	1.2	0.10	1.0	3.2	0.30	1.0	54
	6/19/2013	1.8	450	0.40	0.30	130	64	1.9	#N/A	0.10	1.0	38	0.94	1.0	160
	7/23/2013	1.8	250	0.20	0.30	110	33	1.9	#N/A	0.10	1.2	40	0.63	1.0	220
	9/17/2013	2.2	53	0.20	0.50	41	16	1.9	#N/A	0.10	2.0	26	1.0	1.0	110
	11/18/2013	1.8	0.20	0.20	13	5.6	7.0	1.9	#N/A	0.10	3.0	3.2	2.0	1.0	75

Table 4 Metals Concentrations at AOC-65 Observation and Performance Monitoring Wells

Well ID	Sample Date	Antimony µg/L	Arsenic µg/L	Beryllium µg/L	Cadmium µg/L	Chromium µg/L	Copper µg/L	Lead µg/L	Manganese µg/L	Mercury µg/L	Nickel µg/L	Selenium µg/L	Silver µg/L	Thallium µg/L	Zinc µg/L
	2/10/2014	1.8	14	0.80	0.50	16	30	1.9	#N/A	0.30	4.0	3.2	1.0	1.0	390
	8/6/2014	1.8	14	1.4	0.50	14	45	6.5	#N/A	0.10	8.0	3.2	1.0	1.0	780
	11/18/2014	1.8	580	0.20	0.50	360	6.0	10	#N/A	0.60	1.0	64	1.0	1.0	220
	2/19/2015	4.6	770	1.4	0.70	890	140	1.9	#N/A	0.10	17	110	1.0	1.0	1,800
	5/14/2015	4.9	33	0.20	4.9	170	3.0	9.1	15	0.10	1.0	14	1.0	1.0	66
	9/24/2015	3.6	19	0.20	0.50	120	3.0	1.9	19	0.10	4.0	12	1.0	1.0	54
	11/30/2015	1.8	4.1	0.20	0.50	9.2	3.0	1.9	5.0	0.10	1.0	3.2	1.0	1.0	34
	1/13/2016	1.8	3.6	0.20	0.50	26	3.0	1.9	17	0.10	1.0	3.2	1.0	1.0	24
	2/10/2016	1.8	14	0.20	0.50	61	3.0	1.9	35	0.10	1.0	14	1.0	1.0	8.0
	3/10/2016	3.4	14	0.20	0.50	44	3.0	1.9	9.0	0.10	1.0	3.2	1.0	1.0	23
	6/21/2016	2.7	6.8	0.20	0.50	19	3.0	1.9	11	0.10	1.0	3.2	1.0	1.7	21
VEW-25	7/18/2012	1.8	5.9	0.20	0.30	11	3.0	1.9	650	0.20	12	3.2	1.8	1.0	8.0
	7/18/2012	1.8	0.20	0.20	0.30	1.0	3.9	1.9	#N/A	0.20	1.0	3.2	0.24	1.0	8.0
	6/19/2013	3.2	78	0.20	0.30	180	14	1.9	#N/A	3.2	1.7	3.2	5.1	1.0	8.0
	7/23/2013	2.1	320	5.0	0.30	260	190	14	#N/A	3.9	80	3.2	17	1.0	430
	9/17/2013	2.9	130	6.8	0.50	170	110	43	#N/A	1.4	100	3.2	6.0	1.0	720
	11/18/2013	3.1	11	1.7	76	52	18	1.9	#N/A	0.90	32	3.6	14	1.0	250
	2/10/2014	1.8	30	5.7	0.50	40	52	4.9	#N/A	1.1	60	3.2	21	1.0	620
	5/14/2014	1.8	39	5.1	0.50	69	53	17	#N/A	0.70	62	3.2	7.0	1.0	460
	8/6/2014	1.8	17	3.5	0.50	36	27	6.4	#N/A	0.70	27	3.2	5.0	1.0	520
	11/18/2014	9.0	48	0.20	0.50	230	14	1.9	#N/A	4.1	1.0	17	5.0	1.8	8.0
	2/19/2015	1.8	440	0.60	19	760	7.0	1.9	#N/A	1.4	17	20	1.0	1.0	170
	5/14/2015	11	120	0.60	1.0	490	3.0	2.0	21	0.90	2.0	12	2.0	1.0	23
	8/21/2015	8.4	65	0.30	0.80	310	8.0	2.0	53	2.0	5.0	5.2	1.0	6.8	47
	9/24/2015	6.8	75	0.20	0.50	270	3.0	1.9	74	1.6	6.0	18	1.0	1.0	50
	11/30/2015	1.8	9.3	0.20	0.50	69	3.0	1.9	6.0	0.10	1.0	3.2	1.0	1.0	8.0
	1/13/2016	4.3	41	0.20	0.50	270	3.0	1.9	5.0	0.20	1.0	8.8	1.0	1.0	8.0
	2/10/2016	11	75	0.20	0.50	360	3.0	1.9	150	0.30	3.0	23	1.0	1.0	11
	3/10/2016	13	56	0.20	0.50	330	5.0	1.9	20	0.70	1.0	3.2	1.0	1.0	8.0
	6/21/2016	6.1	44	0.20	0.50	160	3.0	1.9	9.0	0.10	1.0	3.2	1.0	1.0	8.0
VEW-27	7/18/2012	2.4	1.2	0.20	0.30	1.6	4.0	1.9	18	0.20	1.0	3.2	1.2	1.0	8.0
	7/18/2012	1.8	0.70	0.20	0.30	1.0	3.5	1.9	#N/A	0.20	1.0	3.2	0.11	1.0	8.0
	8/30/2012	1.8	0.20	0.20	0.30	1.0	3.7	1.9	#N/A	0.10	1.0	3.2	0.081	1.0	8.0
	9/28/2012	1.8	0.20	0.20	0.40	1.0	3.0	1.9	#N/A	0.10	1.0	3.2	0.69	1.0	8.0
	4/16/2013	1.8	0.50	0.20	0.30	1.0	3.0	1.9	1.2	0.10	1.0	3.2	0.24	1.0	8.0
	6/19/2013	1.8	560	0.30	0.30	190	4.0	1.9	#N/A	0.10	1.0	31	0.79	1.0	8.0
	7/23/2013	2.9	210	0.20	0.30	240	9.0	1.9	#N/A	0.10	1.3	40	1.1	1.0	8.0
	9/17/2013	3.2	62	0.20	0.50	120	3.0	1.9	#N/A	0.10	2.0	33	1.0	1.0	11
	11/18/2013	8.9	0.20	0.20	72	110	3.0	1.9	#N/A	0.10	5.0	22	1.0	1.0	11
	2/10/2014	1.8	21	0.20	0.50	46	3.0	1.9	#N/A	0.20	2.0	3.2	2.0	1.0	8.0
	5/14/2014	1.8	25	0.30	0.50	23	3.0	1.9	#N/A	0.10	19	3.2	1.0	1.0	12
	8/6/2014	3.1	27	0.40	0.50	13	3.0	1.9	#N/A	0.10	41	5.9	1.0	1.0	15
	11/18/2014	12	460	0.20	0.50	560	5.0	1.9	#N/A	0.70	1.0	38	1.0	1.0	8.0
	2/19/2015	1.8	570	1.3	2.5	380	28	18	#N/A	0.40	33	27	1.0	1.0	61
	5/14/2015	5.2	40	0.20	4.9	250	3.0	9.7	5.0	1.3	1.0	14	1.0	1.0	47
	8/21/2015	1.8	11	0.80	6.7	89	20	13	510	0.30	22	3.2	1.0	4.3	83
	9/24/2015	2.2	76	2.8	0.50	74	3.0	1.9	2,000	0.10	66	16	4.0	1.0	8.0
	11/30/2015	1.9	18	0.20	0.50	42	3.0	1.9	1,700	0.30	1.0	3.9	1.0	1.0	8.0
	1/13/2016	1.8	26	0.20	0.50	140	3.0	3.1	690	0.30	4.0	3.2	1.0	1.0	8.0
	2/10/2016	4.9	52	0.20	0.50	93	3.0	2.2	1,200	0.20	7.0	22	1.0	1.0	8.0
	3/10/2016	5.7	41	0.20	0.50	86	8.0	1.9	380	0.10	1.0	3.2	1.0	1.0	8.0
	6/21/2016	3.5	29	0.20	0.50	88	5.0	1.9	73	0.10	1.0	3.2	1.0	1.0	8.0

Table 4 Metals Concentrations at AOC-65 Observation and Performance Monitoring Wells

Well ID	Sample Date	Antimony µg/L	Arsenic µg/L	Beryllium µg/L	Cadmium µg/L	Chromium µg/L	Copper µg/L	Lead µg/L	Manganese µg/L	Mercury µg/L	Nickel µg/L	Selenium µg/L	Silver µg/L	Thallium µg/L	Zinc µg/L
VEW-32	7/18/2012	1.8	0.20	0.20	0.30	1.6	4.0	1.9	5.3	0.20	1.0	3.2	0.66	1.0	8.0
	7/18/2012	2.6	0.20	0.20	0.30	1.0	6.6	1.9	#N/A	0.20	1.0	3.2	0.12	1.0	8.0
	8/14/2012	1.8	0.20	0.20	0.30	1.0	7.1	7.4	#N/A	0.10	1.8	3.2	0.081	1.0	13
	8/30/2012	1.8	0.40	0.20	0.30	1.0	5.5	1.9	#N/A	0.10	1.0	3.2	0.081	1.0	8.0
	9/28/2012	1.8	0.20	0.20	0.30	1.0	3.0	1.9	#N/A	0.10	1.0	3.2	0.11	1.0	15
	4/18/2013	1.8	0.20	0.20	0.30	1.0	3.0	1.9	1.4	0.10	1.0	3.2	0.48	1.0	12
	6/19/2013	1.8	0.20	0.20	0.30	1.2	3.0	1.9	#N/A	0.10	1.0	3.2	0.081	1.0	8.0
	7/23/2013	1.8	0.20	0.20	0.30	3.9	5.0	1.9	#N/A	0.10	1.7	3.2	0.26	1.0	51
	9/17/2013	2.0	0.20	0.20	0.50	1.8	4.0	1.9	#N/A	0.10	1.0	3.2	1.0	1.0	50
	11/18/2013	1.8	0.20	0.20	0.80	1.0	3.0	1.9	#N/A	0.10	1.0	3.2	1.0	1.0	22
	2/10/2014	1.8	0.20	0.20	0.50	1.1	3.0	1.9	#N/A	0.20	1.0	3.2	1.0	1.0	23
	5/14/2014	1.8	0.20	0.20	0.50	4.0	3.0	1.9	#N/A	0.10	1.0	3.2	2.0	1.0	20
	8/6/2014	2.4	0.60	0.20	0.50	1.0	3.0	1.9	#N/A	0.10	1.0	3.2	1.0	1.0	28
	11/18/2014	1.8	1.9	0.20	0.50	1.9	4.0	1.9	#N/A	0.10	1.0	3.2	1.0	1.6	27
	2/18/2015	1.8	2.7	0.60	8.4	15	3.0	1.9	#N/A	0.10	9.0	3.2	1.0	1.0	65
	5/14/2015	1.8	0.50	0.20	0.50	1.5	3.0	2.5	9.0	0.10	2.0	3.2	1.0	1.0	54
	8/21/2015	1.8	1.7	0.20	0.50	1.4	3.0	1.9	1.0	0.10	1.0	3.2	1.0	1.0	14
	9/24/2015	2.1	1.6	0.20	0.50	3.0	3.0	1.9	8.0	0.10	1.0	3.2	1.0	1.0	22
	12/1/2015	1.9	0.60	0.20	0.50	6.3	3.0	1.9	100	0.10	1.0	3.2	1.0	1.0	23
1/13/2016	1.8	0.30	0.20	0.50	5.0	3.0	4.9	210	0.10	1.0	3.2	1.0	1.0	9.0	
2/10/2016	4.4	0.20	0.20	0.50	3.1	3.0	4.0	220	0.10	1.0	3.3	1.0	1.0	13	
3/11/2016	5.3	7.2	0.20	0.50	2.3	5.0	1.9	150	0.10	1.0	3.2	2.0	1.0	20	
6/21/2016	1.9	2.7	0.20	0.50	8.9	4.0	1.9	120	0.10	1.0	3.2	1.0	1.0	27	
CS-WB01-LGR-01	7/31/2012	1.8	0.20	0.20	0.30	1.0	3.0	1.9	1.2	0.10	2.2	3.2	0.21	1.0	8.0
	7/31/2012	1.8	0.20	0.20	0.30	1.6	3.0	1.9	#N/A	0.10	14	3.2	0.081	1.0	23
	4/29/2013	1.8	0.20	0.20	0.30	1.0	3.0	1.9	1.2	0.10	1.6	3.2	0.18	1.0	8.0
	6/13/2013	1.8	0.20	0.20	0.30	19	3.0	1.9	#N/A	0.10	13	3.2	0.39	1.0	8.0
	7/22/2013	1.8	0.20	0.20	0.30	3.0	3.0	1.9	#N/A	0.10	1.2	3.2	0.081	1.0	8.0
	9/23/2013	1.8	0.20	0.20	0.50	1.8	3.0	1.9	#N/A	0.10	2.0	3.2	1.0	1.0	8.0
	12/4/2013	1.8	0.20	0.20	0.50	3.5	3.0	1.9	#N/A	0.10	4.0	3.2	1.0	1.0	8.0
	3/20/2014	1.8	0.20	0.20	0.50	1.5	3.0	1.9	#N/A	0.10	2.0	3.8	2.0	1.0	8.0
	6/25/2014	1.8	0.20	0.20	0.50	3.9	3.0	1.9	#N/A	0.10	2.0	3.2	1.0	1.0	8.0
	9/11/2014	1.8	1.8	0.20	0.50	1.2	3.0	1.9	#N/A	0.10	2.0	3.2	1.0	1.0	8.0
	12/9/2014	1.8	0.20	0.20	1.5	1.7	3.0	1.9	#N/A	0.10	3.0	3.2	1.0	1.0	8.0
	3/23/2015	1.8	0.20	0.20	0.50	9.1	3.0	1.9	#N/A	0.10	6.0	3.2	1.0	1.0	29
	6/17/2015	1.8	1.2	0.20	0.50	1.3	3.0	1.9	1.0	0.10	2.0	3.2	1.0	1.0	8.0
	9/16/2015	1.8	0.80	0.20	0.50	4.6	3.0	1.9	1.0	0.10	7.0	3.2	1.0	1.0	8.0
	12/2/2015	2.0	0.40	0.20	0.50	6.1	3.0	1.9	1.0	0.10	3.0	3.2	1.0	1.0	8.0
3/9/2016	4.6	5.2	0.20	0.50	10	3.0	1.9	1.0	0.10	7.0	3.2	1.0	1.0	8.0	
6/8/2016	1.8	8.0	0.20	0.50	2.3	3.0	1.9	1.0	0.10	3.0	3.2	1.0	1.0	21	
CS-WB02-LGR-01	7/30/2012	1.8	0.20	0.20	0.30	13	3.0	1.9	4.3	0.10	9.2	3.2	0.081	1.0	8.0
	7/30/2012	1.8	0.20	0.20	0.30	1.4	3.0	1.9	#N/A	0.10	1.9	3.2	0.081	1.0	8.0
	4/30/2013	4.1	4.9	0.20	0.30	170	3.0	1.9	1.2	0.10	3.0	3.2	0.53	1.0	23
	6/12/2013	3.1	5.9	0.20	0.30	140	3.0	1.9	#N/A	0.10	3.1	3.2	2.4	1.0	16
	7/22/2013	1.8	4.8	0.20	0.30	140	3.0	1.9	#N/A	0.10	3.1	3.2	1.9	1.0	17
	9/18/2013	4.6	3.2	0.20	0.50	200	4.0	1.9	#N/A	0.10	5.0	3.2	1.0	1.0	18
	12/4/2013	4.7	0.20	0.20	0.50	440	3.0	1.9	#N/A	0.10	5.0	6.7	2.0	1.0	12
	6/24/2014	7.6	2.0	0.20	0.50	450	4.0	1.9	#N/A	0.10	4.0	3.2	1.0	1.0	9.0
	12/10/2014	1.8	0.20	0.20	7.6	150	3.0	1.9	#N/A	0.10	7.0	5.7	1.0	1.0	10
	3/23/2015	6.5	0.20	0.20	1.7	320	3.0	4.7	#N/A	0.20	8.0	3.2	1.0	8.8	31
	6/22/2015	5.2	6.9	0.20	0.50	86	8.0	1.9	1.0	0.10	8.0	3.2	2.0	1.0	8.0
12/2/2015	1.8	6.0	0.20	0.50	14	3.0	1.9	22	0.50	9.0	3.3	1.0	1.0	8.0	

Table 4 Metals Concentrations at AOC-65 Observation and Performance Monitoring Wells

Well ID	Sample Date	Antimony µg/L	Arsenic µg/L	Beryllium µg/L	Cadmium µg/L	Chromium µg/L	Copper µg/L	Lead µg/L	Manganese µg/L	Mercury µg/L	Nickel µg/L	Selenium µg/L	Silver µg/L	Thallium µg/L	Zinc µg/L
	6/14/2016	2.4	8.6	0.20	0.50	6.9	5.0	1.9	24	0.30	7.0	3.2	1.0	1.0	8.0
CS-WB03-LGR-01	7/24/2012	4.4	0.20	0.20	0.30	2.1	3.0	1.9	1.2	0.10	2.8	3.2	0.081	1.0	8.0
	7/24/2012	3.3	0.20	0.20	0.30	1.0	3.0	1.9	#N/A	0.10	1.9	3.2	0.081	1.0	8.0
	12/4/2013	1.8	0.20	0.20	0.50	6.4	3.0	1.9	#N/A	0.10	7.0	3.5	1.0	2.5	8.0
	3/17/2014	1.8	0.20	0.20	0.50	3.0	3.0	1.9	#N/A	0.10	3.0	3.2	2.0	1.0	8.0
	6/24/2014	1.8	0.20	0.20	0.50	3.5	3.0	1.9	#N/A	0.10	4.0	3.2	1.0	1.0	8.0
	12/3/2014	1.8	1.9	0.20	0.50	3.3	3.0	1.9	#N/A	0.10	5.0	3.2	1.0	1.0	12
	3/24/2015	1.8	0.20	0.20	0.50	4.5	3.0	1.9	#N/A	0.10	4.0	3.2	1.0	1.7	13
	6/19/2015	1.8	1.7	0.20	0.50	3.7	3.0	1.9	1.0	0.10	4.0	3.2	2.0	1.0	8.0
	9/21/2015	1.8	0.30	0.20	0.50	2.2	3.0	1.9	1.0	0.10	6.0	6.2	1.0	1.0	8.0
	12/2/2015	1.8	1.2	0.20	0.50	3.5	3.0	1.9	1.0	0.10	3.0	3.2	1.0	1.0	8.0
	3/14/2016	2.4	2.5	0.20	0.50	1.0	3.0	1.9	1.0	0.10	1.0	3.2	1.0	1.0	8.0
	6/16/2016	4.4	11	0.20	0.50	3.8	3.0	4.4	1.0	0.10	3.0	3.2	2.0	1.0	8.0
CS-WB03-UGR-01	7/24/2012	5.1	0.20	0.20	0.30	3.0	3.0	1.9	1.2	0.10	2.0	3.2	0.69	1.0	62
	7/24/2012	3.3	0.20	0.20	0.30	1.0	3.0	1.9	#N/A	0.10	1.0	5.7	0.40	1.0	9.0
	8/30/2012	2.7	0.20	0.20	0.30	1.0	3.0	1.9	#N/A	0.10	1.0	5.7	0.081	1.4	8.0
	4/22/2013	1.8	0.20	0.20	0.30	1.7	3.0	1.9	1.2	0.10	1.0	3.2	0.081	1.0	19
	6/12/2013	1.8	0.20	0.20	0.30	19	3.0	1.9	#N/A	0.10	11	3.2	0.43	1.0	8.0
	7/22/2013	1.8	0.20	0.20	0.30	3.8	3.0	1.9	#N/A	0.10	2.2	3.2	0.28	1.0	8.0
	9/18/2013	1.9	0.20	0.20	0.50	5.1	3.0	1.9	#N/A	0.10	3.0	3.2	1.0	1.0	19
	12/4/2013	1.8	0.20	0.20	0.50	2.8	3.0	1.9	#N/A	0.10	1.0	3.2	1.0	1.0	8.0
	3/17/2014	1.8	0.20	0.20	0.50	5.0	10	1.9	#N/A	0.10	4.0	3.2	2.0	1.0	9.0
	6/24/2014	1.8	0.20	0.20	0.50	1.6	3.0	1.9	#N/A	0.10	1.0	3.2	1.0	1.0	8.0
	9/10/2014	1.8	1.4	0.20	0.50	1.6	3.0	1.9	#N/A	0.10	1.0	3.2	1.0	1.0	8.0
	12/3/2014	1.8	2.8	0.20	0.50	14	4.0	1.9	#N/A	0.10	11	3.2	1.0	2.2	12
	3/24/2015	1.8	0.20	0.20	0.50	4.7	3.0	1.9	#N/A	0.10	3.0	3.2	1.0	3.0	8.0
	6/19/2015	1.8	1.5	0.20	0.50	4.1	3.0	1.9	1.0	0.10	2.0	3.2	1.0	1.0	8.0
	9/21/2015	1.8	0.20	0.20	0.50	2.6	4.0	1.9	1.0	0.10	6.0	7.6	1.0	1.0	8.0
	12/2/2015	1.8	1.9	0.20	0.50	4.1	3.0	1.9	1.0	0.10	1.0	3.2	1.0	1.0	8.0
	3/14/2016	2.4	6.9	0.20	0.50	5.7	4.0	1.9	1.0	0.10	1.0	3.2	1.0	1.0	8.0
	6/16/2016	7.1	10	0.20	0.50	9.8	3.0	3.9	2.0	0.10	5.0	3.2	3.0	1.0	8.0

Detections are bolded. Results not highlighted are detections above the RL.
 Not detected. Reported result is reported as the MDL and flagged U.
 Trace value. Reported result is a value between the MDL and the RL and is flagged F.
 Red text indicates dissolved metals analysis.
 Black text indicates total metals analysis.
 #N/A indicates that the metal was not tested.

Table 5 Anion Concentrations at AOC-65 Observation and Performance Monitoring Wells

Well ID	Sample Date	Chloride mg/L	Sulfate mg/L
Observation Wells			
LS-5	3/7/2012	11	23
	8/3/2012	12	22
	8/6/2012	11	23
	8/16/2012	11	22
	8/30/2012	11	21
	4/23/2013	11	22
	6/19/2013	13	21
	7/19/2013	12	23
	9/17/2013	11	21
	12/9/2013	12	22
	3/5/2014	12	19
	6/2/2014	11	20
	9/3/2014	11	20
	12/1/2014	11	19
	3/2/2015	11	19
	6/1/2015	11	17
	9/8/2015	11	18
	11/30/2015	11	20
	3/7/2016	11	19
	6/6/2016	10	20
LS-6	3/7/2012	13	20
	8/3/2012	12	20
	8/6/2012	12	20
	8/16/2012	12	22
	8/30/2012	12	20
	4/23/2013	11	22
	6/19/2013	13	17
	7/19/2013	11	19
	9/17/2013	12	20
	12/9/2013	12	20
	3/5/2014	12	18
	6/2/2014	11	17
	9/3/2014	11	17
	12/1/2014	11	17
	3/2/2015	11	17
	6/1/2015	22	39
	9/8/2015	15	27
	11/30/2015	30	39
	3/7/2016	17	31

Table 5 Anion Concentrations at AOC-65 Observation and Performance Monitoring Wells

Well ID	Sample Date	Chloride mg/L	Sulfate mg/L
	6/6/2016	18	35
LS-7	3/7/2012	9.0	17
	8/3/2012	9.0	17
	8/6/2012	8.8	16
	8/16/2012	8.7	15
	8/30/2012	8.9	16
	4/23/2013	8.2	15
	6/19/2013	9.9	16
	7/19/2013	11	15
	9/17/2013	8.2	15
	12/9/2013	9.1	16
	3/5/2014	9.2	14
	6/2/2014	8.7	15
	9/3/2014	8.7	15
	12/1/2014	8.2	15
	3/2/2015	8.3	15
	6/1/2015	5.6	12
	9/8/2015	9.2	22
	11/30/2015	15	76
	3/7/2016	8.8	25
	6/6/2016	9.6	39
OFR-3	3/8/2012	11	14
	8/3/2012	11	15
	8/6/2012	11	14
	8/16/2012	11	14
	8/30/2012	11	15
	4/23/2013	10	15
	4/3/2015	11	14
	6/1/2015	11	13
	9/8/2015	11	14
	11/30/2015	11	14
	3/7/2016	11	14
	6/6/2016	10	14
RFR-10	3/8/2012	14	17
	8/3/2012	18	54
	8/6/2012	16	15
	8/16/2012	16	15
	8/30/2012	16	25
	4/23/2013	16	27
	6/19/2013	16	16

Table 5 Anion Concentrations at AOC-65 Observation and Performance Monitoring Wells

Well ID	Sample Date	Chloride mg/L	Sulfate mg/L
	7/19/2013	17	46
	9/17/2013	15	15
	12/9/2013	15	17
	3/5/2014	16	14
	6/2/2014	15	14
	9/3/2014	15	15
	12/1/2014	14	15
	3/2/2015	12	17
	5/19/2015	15	15
	6/1/2015	14	14
	9/8/2015	13	28
	11/30/2015	15	16
	3/7/2016	14	20
	6/6/2016	14	17
RFR-11	3/8/2012	12	24
	8/3/2012	11	17
	8/6/2012	11	21
	8/16/2012	11	18
	8/30/2012	11	18
	4/23/2013	11	18
	6/19/2013	13	22
	7/19/2013	11	18
	9/17/2013	19	22
	12/9/2013	12	17
	3/5/2014	12	18
	6/2/2014	12	21
	9/3/2014	11	16
	12/1/2014	11	17
	3/2/2015	11	17
	6/1/2015	42	48
	9/8/2015	17	31
	11/30/2015	15	32
	3/7/2016	15	32
	6/6/2016	22	49
CS-MW6-LGR	3/20/2012	12	16
	8/2/2012	10	17
	8/6/2012	10	17
	8/16/2012	10	17
	8/31/2012	9.8	18
	10/2/2012	12	16

Table 5 Anion Concentrations at AOC-65 Observation and Performance Monitoring Wells

Well ID	Sample Date	Chloride mg/L	Sulfate mg/L
	4/22/2013	9.9	18
	6/19/2013	11	17
	7/19/2013	15	18
	9/17/2013	9.7	18
	11/20/2013	10	19
	2/13/2014	22	7.7
	6/17/2014	9.6	17
	9/4/2014	9.9	17
	11/13/2014	10	17
	3/10/2015	9.9	17
	6/10/2015	12	15
	9/11/2015	10	16
	12/9/2015	11	15
	3/8/2016	10	19
	6/7/2016	11	15
CS-MW7-LGR	3/20/2012	19	8.2
	8/2/2012	19	8.0
	8/6/2012	19	7.9
	8/16/2012	19	8.0
	8/31/2012	19	8.0
	4/22/2013	19	8.4
	6/19/2013	22	9.0
	7/19/2013	32	9.6
	9/19/2013	20	11
	11/20/2013	20	8.7
	2/13/2014	22	7.7
	6/20/2014	20	8.2
	9/4/2014	20	8.1
	11/13/2014	21	8.4
	3/10/2015	19	8.1
	6/10/2015	19	7.5
	9/14/2015	20	6.5
	12/9/2015	20	7.8
	3/8/2016	22	8.8
	6/7/2016	18	7.8
CS-MW8-LGR	3/20/2012	18	9.1
	8/2/2012	19	9.2
	8/6/2012	18	9.3
	8/16/2012	18	9.4
	8/30/2012	18	9.7

Table 5 Anion Concentrations at AOC-65 Observation and Performance Monitoring Wells

Well ID	Sample Date	Chloride mg/L	Sulfate mg/L
	4/22/2013	17	9.8
	6/19/2013	20	9.7
	7/19/2013	21	9.3
	9/17/2013	17	10
	11/20/2013	18	9.7
	3/6/2014	18	9.0
	6/17/2014	17	9.0
	9/4/2014	18	9.8
	11/13/2014	18	9.6
	3/10/2015	16	8.0
	6/10/2015	17	8.7
	9/11/2015	17	9.7
	12/9/2015	17	8.2
	3/8/2016	18	9.4
	6/7/2016	16	8.8
CS-MW36-LGR	3/19/2012	15	16
	8/2/2012	14	19
	8/6/2012	13	21
	8/16/2012	13	21
	8/30/2012	14	23
	4/22/2013	13	20
	6/19/2013	17	16
	7/19/2013	17	18
	9/17/2013	13	20
	12/2/2013	16	15
	3/6/2014	14	19
	6/17/2014	15	12
	9/9/2014	14	18
	11/13/2014	14	16
	3/10/2015	14	18
	6/10/2015	13	19
	9/11/2015	13	210
	12/9/2015	15	77
	3/8/2016	14	340
	6/7/2016	12	93
CS-WB01-LGR-09	3/12/2012	12	15
	8/3/2012	13	16
	8/6/2012	12	14
	8/17/2012	12	15
	8/30/2012	12	15

Table 5 Anion Concentrations at AOC-65 Observation and Performance Monitoring Wells

Well ID	Sample Date	Chloride mg/L	Sulfate mg/L
	4/23/2013	13	14
	6/13/2013	14	22
	7/22/2013	13	14
	9/23/2013	12	20
	12/4/2013	13	16
	3/20/2014	13	15
	6/25/2014	12	15
	9/11/2014	13	15
	12/9/2014	12	14
	3/23/2015	17	10
	6/17/2015	13	15
	9/16/2015	13	15
	12/2/2015	13	16
	3/9/2016	13	17
	6/8/2016	11	14
CS-WB02-LGR-09	3/12/2012	14	15
	8/3/2012	14	16
	8/6/2012	13	15
	8/17/2012	13	15
	8/30/2012	13	15
	4/29/2013	14	15
	6/12/2013	14	16
	7/22/2013	13	16
	9/18/2013	13	17
	12/4/2013	14	17
	3/19/2014	13	16
	6/24/2014	13	16
	9/11/2014	13	16
	12/10/2014	13	16
	3/23/2015	13	15
	6/22/2015	13	15
	9/23/2015	13	16
	12/2/2015	13	17
	3/14/2016	12	17
	6/14/2016	13	16
CS-WB03-LGR-09	3/13/2012	14	15
	8/2/2012	13	19
	8/6/2012	13	18
	8/16/2012	13	17
	8/30/2012	13	19

Table 5 Anion Concentrations at AOC-65 Observation and Performance Monitoring Wells

Well ID	Sample Date	Chloride mg/L	Sulfate mg/L
	4/23/2013	12	19
	6/12/2013	18	15
	7/22/2013	14	20
	9/18/2013	12	19
	12/4/2013	12	22
	3/17/2014	12	20
	6/24/2014	14	17
	9/10/2014	13	17
	12/3/2014	14	17
	3/24/2015	14	29
	6/18/2015	17	14
	9/17/2015	14	15
	12/2/2015	17	16
	3/14/2016	13	14
	6/15/2016	16	15
CS-WB04-LGR-11	3/13/2012	13	14
	8/2/2012	13	14
	8/6/2012	12	14
	8/16/2012	12	13
	8/30/2012	13	14
	4/24/2013	13	14
	6/20/2013	14	15
	7/22/2013	13	14
	9/23/2013	12	15
	12/2/2013	13	15
	3/6/2014	18	7.6
	6/25/2014	12	14
	9/10/2014	13	14
	12/8/2014	12	13
	3/24/2015	13	13
	5/18/2015	13	13
	9/22/2015	13	14
	12/3/2015	14	15
	3/8/2016	13	14
	6/9/2016	12	13
Performance Wells			
PZ-01	7/20/2012	14	18
	4/16/2013	13	19
	6/19/2013	15	18
	7/23/2013	15	30

Table 5 Anion Concentrations at AOC-65 Observation and Performance Monitoring Wells

Well ID	Sample Date	Chloride mg/L	Sulfate mg/L
	9/17/2013	13	20
	11/18/2013	15	18
	2/10/2014	14	19
	5/14/2014	13	17
	8/6/2014	13	18
	11/18/2014	14	18
	2/19/2015	13	17
	5/14/2015	15	20
	9/24/2015	14	20
	12/1/2015	14	18
	1/13/2016	14	17
	2/10/2016	13	18
	3/10/2016	13	17
	6/20/2016	13	20
PZ-02	7/20/2012	23	20
	4/16/2013	51	56
	6/19/2013	63	330
	7/23/2013	66	5.2
	11/18/2013	54	860
	2/10/2014	63	1,200
	5/14/2014	73	1,700
	8/6/2014	61	2,100
	11/18/2014	53	3,100
	2/18/2015	41	2,300
	5/14/2015	37	3,000
	9/24/2015	55	3,900
	12/1/2015	32	1,100
	1/13/2016	39	2,800
	2/10/2016	36	3,500
	3/10/2016	31	4,100
	6/20/2016	33	1,900
PZ-05	7/20/2012	20	19
	4/16/2013	19	19
	6/19/2013	23	63
	7/23/2013	22	27
	9/17/2013	17	51
	11/18/2013	17	63
	2/10/2014	19	84
	5/14/2014	18	52
	8/6/2014	19	35

Table 5 Anion Concentrations at AOC-65 Observation and Performance Monitoring Wells

Well ID	Sample Date	Chloride mg/L	Sulfate mg/L
	11/18/2014	17	69
	2/18/2015	17	200
	5/14/2015	15	360
	9/24/2015	17	78
	12/1/2015	17	140
	1/13/2016	15	280
	2/10/2016	14	110
	3/10/2016	13	88
	6/20/2016	16	92
PZ-06	7/20/2012	6.2	19
	4/16/2013	4.6	17
	6/19/2013	4.7	12
	7/23/2013	5.2	43
	9/17/2013	4.8	25
	11/18/2013	3.8	14
	2/10/2014	5.1	43
	5/14/2014	5.1	31
	8/6/2014	4.5	17
	11/18/2014	4.2	12
	2/19/2015	4.1	12
	5/14/2015	4.0	12
	9/24/2015	4.2	15
	12/1/2015	3.8	8.4
	1/13/2016	4.0	9.1
	2/10/2016	3.8	15
	3/10/2016	3.8	13
	6/20/2016	4.6	10
TSW-01	7/18/2012	15	240
	8/30/2012	14	140
	9/28/2012	14	100
	10/1/2012	12	88
	4/16/2013	10	67
	6/19/2013	24	560
	7/23/2013	31	820
	9/17/2013	31	800
	11/18/2013	29	990
	2/10/2014	24	690
	5/14/2014	20	580
	8/6/2014	21	470
	11/18/2014	68	7,200

Table 5 Anion Concentrations at AOC-65 Observation and Performance Monitoring Wells

Well ID	Sample Date	Chloride mg/L	Sulfate mg/L
	2/19/2015	250	7,400
	5/14/2015	43	6,000
	9/24/2015	30	4,100
	11/30/2015	27	2,500
	1/13/2016	27	3,000
	2/10/2016	21	2,900
	3/10/2016	20	3,500
	6/21/2016	33	2,200
TSW-03	7/20/2012	3.9	17
	8/30/2012	55	1,400
	10/1/2012	47	2,000
	1/9/2013	100	6,600
	4/16/2013	120	7,600
	6/19/2013	120	7,100
	7/23/2013	150	9,300
	9/17/2013	120	15,000
	11/18/2013	110	14,000
	2/10/2014	110	12,000
	5/14/2014	100	11,000
	8/6/2014	95	12,000
	11/18/2014	88	11,000
	2/19/2015	270	16,000
	5/14/2015	67	22,000
	9/24/2015	55	20,000
	11/30/2015	82	16,000
	1/13/2016	57	16,000
	2/10/2016	43	16,000
	3/10/2016	35	14,000
	6/21/2016	69	13,000
TSW-04	7/20/2012	7.1	25
	8/30/2012	13	49
	4/16/2013	76	5,000
	6/19/2013	130	6,800
	7/23/2013	120	8,600
	9/17/2013	98	8,700
	11/18/2013	110	24,000
	2/10/2014	150	21,000
	5/14/2014	140	23,000
	8/6/2014	120	19,000
	11/18/2014	87	25,000

Table 5 Anion Concentrations at AOC-65 Observation and Performance Monitoring Wells

Well ID	Sample Date	Chloride mg/L	Sulfate mg/L
	2/18/2015	1,100	37,000
	5/14/2015	43	32,000
	9/24/2015	34	17,000
	11/30/2015	74	18,000
	1/13/2016	44	16,000
	2/10/2016	590	14,000
	3/10/2016	25	13,000
	6/21/2016	62	14,000
TSW-05	7/20/2012	8.4	160
	8/14/2012	6.9	58
	8/30/2012	7.0	61
	10/1/2012	6.2	43
	4/18/2013	6.5	29
	6/19/2013	5.7	22
	7/23/2013	6.7	36
	9/17/2013	5.4	45
	11/18/2013	4.4	20
	2/10/2014	6.1	23
	5/14/2014	5.3	29
	8/6/2014	6.0	28
	11/18/2014	6.6	27
	2/18/2015	8.1	33
	5/14/2015	7.2	29
	8/21/2015	7.8	38
	9/24/2015	8.0	41
	11/30/2015	7.4	27
	1/13/2016	12	38
	2/10/2016	11	45
	3/11/2016	9.8	40
	6/21/2016	8.4	31
TSW-07	7/20/2012	80	27
	8/30/2012	86	24
	10/1/2012	48	18
	4/16/2013	83	33
	6/19/2013	18	850
	7/23/2013	80	1,800
	9/17/2013	36	300
	11/18/2013	68	2,000
	2/10/2014	90	3,800
	5/14/2014	100	7,200

Table 5 Anion Concentrations at AOC-65 Observation and Performance Monitoring Wells

Well ID	Sample Date	Chloride mg/L	Sulfate mg/L
	8/6/2014	93	6,900
	11/18/2014	58	4,700
	2/18/2015	46	5,100
	5/14/2015	44	6,100
	9/24/2015	56	7,400
	11/30/2015	30	2,700
	1/13/2016	50	4,900
	2/10/2016	36	5,600
	3/10/2016	31	3,600
	6/21/2016	44	2,700
VEW-15	7/18/2012	4.1	24
	8/14/2012	4.2	21
	8/30/2012	4.0	20
	4/17/2013	4.7	49
	6/19/2013	5.7	40
	7/23/2013	7.7	47
	9/17/2013	5.0	35
	11/18/2013	4.0	43
	2/10/2014	4.7	50
	5/14/2014	4.6	51
	8/6/2014	4.7	50
	11/18/2014	4.3	38
	2/18/2015	4.5	50
	5/14/2015	4.2	46
	8/21/2015	6.1	42
	9/24/2015	10	46
	12/1/2015	3.8	26
	1/14/2016	7.8	33
	2/10/2016	5.3	32
	3/11/2016	5.0	29
	6/21/2016	5.8	29
VEW-19	7/18/2012	9.0	29
	8/30/2012	9.5	47
	10/1/2012	10	58
	4/16/2013	11	80
	6/19/2013	130	3,700
	7/23/2013	130	9,600
	9/17/2013	100	10,000
	11/18/2013	16	970
	2/10/2014	30	2,400

Table 5 Anion Concentrations at AOC-65 Observation and Performance Monitoring Wells

Well ID	Sample Date	Chloride mg/L	Sulfate mg/L
	8/6/2014	25	1,500
	11/18/2014	81	30,000
	2/19/2015	1,600	24,000
	5/14/2015	15	3,300
	9/24/2015	26	5,600
	11/30/2015	12	710
	1/13/2016	16	940
	2/10/2016	20	8,400
	3/10/2016	14	1,800
	6/21/2016	13	760
VEW-25	7/18/2012	7.9	20
	6/19/2013	120	5,100
	7/23/2013	100	4,500
	9/17/2013	81	3,200
	11/18/2013	22	1,500
	2/10/2014	21	1,300
	5/14/2014	23	1,500
	8/6/2014	20	1,400
	11/18/2014	49	8,700
	2/19/2015	250	12,000
	5/14/2015	30	8,900
	8/21/2015	23	8,800
	9/24/2015	42	8,900
	11/30/2015	8.5	1,100
	1/13/2016	29	6,200
	2/10/2016	23	6,700
	3/10/2016	21	7,000
	6/21/2016	39	4,000
VEW-27	7/18/2012	7.6	54
	8/30/2012	8.2	97
	9/28/2012	9.1	140
	10/1/2012	8.4	180
	4/16/2013	9.0	290
	6/19/2013	120	14,000
	7/23/2013	130	37,000
	9/17/2013	14	23,000
	11/18/2013	62	18,000
	2/10/2014	69	11,000
	5/14/2014	63	9,800
	8/6/2014	67	15,000

Table 5 Anion Concentrations at AOC-65 Observation and Performance Monitoring Wells

Well ID	Sample Date	Chloride mg/L	Sulfate mg/L
	11/18/2014	87	19,000
	2/19/2015	250	16,000
	5/14/2015	29	11,000
	8/21/2015	32	9,900
	9/24/2015	53	13,000
	11/30/2015	11	1,600
	1/13/2016	30	4,900
	2/10/2016	26	5,400
	3/10/2016	23	5,800
	6/21/2016	28	2,400
VEW-32	7/18/2012	2.7	12
	8/14/2012	3.3	16
	8/30/2012	3.9	20
	9/28/2012	2.8	12
	4/18/2013	4.9	35
	6/19/2013	3.3	15
	7/23/2013	4.2	18
	9/17/2013	4.7	0.26
	11/18/2013	2.2	11
	2/10/2014	4.4	29
	5/14/2014	3.6	20
	8/6/2014	3.0	12
	11/18/2014	3.3	150
	2/18/2015	4.7	220
	5/14/2015	2.3	30
	8/21/2015	3.6	34
	9/24/2015	3.7	26
	12/1/2015	3.3	15
	1/13/2016	4.8	24
	2/10/2016	5.4	28
	3/11/2016	5.9	31
	6/21/2016	5.1	21
CS-WB01-LGR-01	7/31/2012	9.2	24
	4/29/2013	9.5	23
	6/13/2013	9.0	28
	7/22/2013	8.3	19
	9/23/2013	8.6	24
	12/4/2013	8.6	22
	3/20/2014	9.2	21
	6/25/2014	8.0	22

Table 5 Anion Concentrations at AOC-65 Observation and Performance Monitoring Wells

Well ID	Sample Date	Chloride mg/L	Sulfate mg/L
	9/11/2014	8.9	22
	12/9/2014	7.6	25
	3/23/2015	8.1	23
	6/17/2015	9.0	53
	9/16/2015	10	32
	12/2/2015	8.9	33
	3/9/2016	11	31
	6/8/2016	8.1	38
CS-WB02-LGR-01	7/30/2012	200	31
	4/30/2013	170	3,100
	6/12/2013	160	2,400
	7/22/2013	140	1,800
	9/18/2013	100	1,700
	12/4/2013	86	3,200
	6/24/2014	59	2,400
	12/10/2014	28	1,700
	3/23/2015	25	5,500
	6/22/2015	46	3,100
	12/2/2015	83	1,800
	6/14/2016	65	960
CS-WB03-LGR-01	7/24/2012	13	27
	3/17/2014	13	28
	6/24/2014	12	29
	12/3/2014	13	29
	3/24/2015	12	28
	6/19/2015	13	30
	9/21/2015	12	21
	12/2/2015	13	24
	3/14/2016	11	23
	6/16/2016	12	30
CS-WB03-UGR-01	7/24/2012	8.0	90
	8/30/2012	7.9	79
	10/2/2012	7.7	67
	4/22/2013	7.5	67
	6/12/2013	8.7	72
	7/22/2013	9.5	76
	9/18/2013	7.5	70
	12/4/2013	8.2	75
	3/17/2014	8.1	75
	6/24/2014	7.8	77

Table 5 Anion Concentrations at AOC-65 Observation and Performance Monitoring Wells

Well ID	Sample Date	Chloride mg/L	Sulfate mg/L
	9/10/2014	8.2	77
	3/24/2015	12	100
	6/19/2015	13	99
	9/21/2015	11	140
	12/2/2015	11	160
	3/14/2016	9.4	190
	6/16/2016	14	190

Detections are bolded. Results not highlighted are detections above the RL.
Not detected. Reported result is reported as the MDL and flagged U.
Trace value. Reported result is a value between the MDL and the RL and is flagged F.