ADEQ Arizona Department of Environmental Quality MEETING MINUTES

Park-Euclid / 7th Street and Arizona Avenue / Stone Avenue and Grant Road
Water Quality Assurance Revolving Fund (WQARF) Sites
Community Advisory Board (CAB) Meeting

Tuesday, October 30, 2018
6 pm to 8 pm
Himmel Park Library
1035 N Treat Ave.
Tucson, Arizona 85716

FINAL MINUTES

CAB Members Present: Mark Verghougstraete, Bill Richards, Jacky Turchick, Richard Byrd, Menachem Turchick, Diana Lett, Keith Bagwell, Jonathan Salvatierra

CAB Members Absent: Steven Turner

ADEQ Staff Present: Alyssa Rosewood, Community Involvement Coordinator (CIC); William Ellett, Project Manager Stone and Grant; Gianna Trujillo, Project Manager

Members of Public Present:

1. Call to Order/Introductions

The Co–chair Mark Verghougstraete called the meeting to order at 6:07 pm. No introductions took place.

2. Discussion of February 27, 2018 Meeting Minutes

Ms. Alyssa Rosewood indicated that recording of last meeting minutes were not audible, so written minutes would not be completed. Ms. Rosewood proposed putting the PowerPoint presentation slides on the website. Motion to accept PowerPoint presentations as meeting minutes, motion seconded with no objections.

3. Presentation by ADEQ of Stone and Grant WQARF Site Activities and Future Planned Activities (William Ellett) -- see attached presentation

Brief overview of WQARF process, indicating that site is in the Remedial Investigation (RI) phase, with an Early Response Action (ERA). Discussion of soil gas evaluation conducted, angled boring, soil vapor extraction wells and shallow vapor probes which were hooked up to vacuum system to pull vapors out. Discussion of regional wells within one mile of the site including sampling locations such as a nursery, school, and City of Tucson wells that are no longer in use. PCE was not detected in any of the wells. Confirmed that two or three wells were sampled below the site.

Discussion of new monitoring wells installed for this investigation, including map of well locations, in which no PCE was detected. Confirmed that no perched aquifer to sample, more like pockets of areas where water can collect but not large enough to consider aquifer. Confirmed that UST site is located near the site, which is being cleaned up and consists of different contaminants than this site.

Mr. Jonathon Salvatierra asked if contamination from PFAS from City of Tucson west and southwest are influencing this site, in which Mr. Ellett responded that he did not expect it to impact this site. Mr. Verghougstraete asked if samples are saved in case more chemicals are found in the future that could be tested for; in which Mr. Ellett responded that ADEQ does not keep samples. Clarification that arsenic and cyanide were not tested for this site; however, Mr. Ellett and Mr. Keith Bagwell stated that drinking water providers do sample for contaminants as required by law.

Mr. Ellett stated that treatment system has been moderately effective and that ADEQ is looking into ways to optimize the system to pull more mass out. Brief discussion of how site became listed on WQARF registry.

4. Discussion of the ADEQ Presentation by the Board

No further discussion.

5. Discussion by the Board of ADEQ Handout on 7th Street and Arizona Avenue WQARF Site Update

No discussion on handout.

6. CAB Charter Update, Discussion and Vote

Discussion of CAB membership size, including decision of what range to include in charter. Mr. Bagwell motioned to approve minimum membership of 9, with maximum membership of 20. Motion seconded by Jacky Turchick, motioned passed. Mr. Bill Richards motioned to approve all track changes, motion seconded by Mr. Richard Byrd, motion passed with one opposed.

7. Call to the Public

Ms. Linda Robles inquired about PFAS in area and if it will be addressed. Mr. Verghougstraete stated this was not presented at this meeting and is not the focus of this meeting. Ms. Rosewood indicated ADEQ can follow up with Ms. Robles after meeting.

8. CAB Membership Discussion and Vote

Ms. Rosewood stated that members of the public are free to leave if they do not wish to stay for CAB membership voting. Ms. Rosewood also asked if there are CAB applicants present. Ms. Katie Bolger, Ms. Linda Robles and Mr. Don Burk introduced themselves as CAB applicants. Mr. Burk withdrew his application due to inability to hear meeting proceedings. The co-chairs signed the new charter, prior to the vote.

Discussion of charter wording on CAB membership requirements. CAB elected to vote in open session. Mr. Bagwell motioned to approve Ms. Bolger and Ms. Robles as new CAB members, Mr. Salvatierra seconded, motion passed. Motion to reject Mr. Mark Pilgrim, Mr. Robert Morgan and Ms. Makena Ozbirn as CAB members, motion seconded, motion passed. Ms. Rosewood confirmed she would follow up with CAB applicants not present and follow up with Mr. Steven Turner to confirm his continued interest in participating on CAB.

9. Future Meeting and Agenda Discussion

Mr. Salvatierra discussed PFAS exposure in Tucson area and media exposure. Mr. Salvatierra indicated desire to discuss ruling out of PFAS at these sites, health impacts and Mission Linen's test results. Ms. Rosewood proposed having discussion on health effects and resources available to the CAB to get more information on health impacts at next meeting. Mr. Ellett indicated Tucson Water can provide more information on drinking water and could be invited to present at the next meeting. Request for update on Park-Euclid WQARF site including vapor intrusion work at the site. Ms. Rosewood proposed February or March timeframe for next CAB meeting, when PRAP can be discussed for Park-Euclid. Mr. Salvatierra voiced desire to have CAB meeting in January, to have a quarterly meeting. Other CAB members wanted to have meeting when new information is available, such as February. Request for update on 7th Street and Arizona Avenue, including vapor intrusion data.

Ms. Turchick voiced her appreciation of meeting reminders and communication with ADEQ prior to the meeting. CAB members agreed that the library is best meeting location.

10. Adjournment

Meeting adjourned at 7:15 pm.

This meeting was recorded on a digital device as a record of the proceedings. To listen to recording, or for additional information about the content of this meeting, contact: ADEQ: Alyssa Rosewood at 602-771-4186.

Stone Avenue and Grant Road
Water Quality Assurance Revolving Fund (WQARF) Site

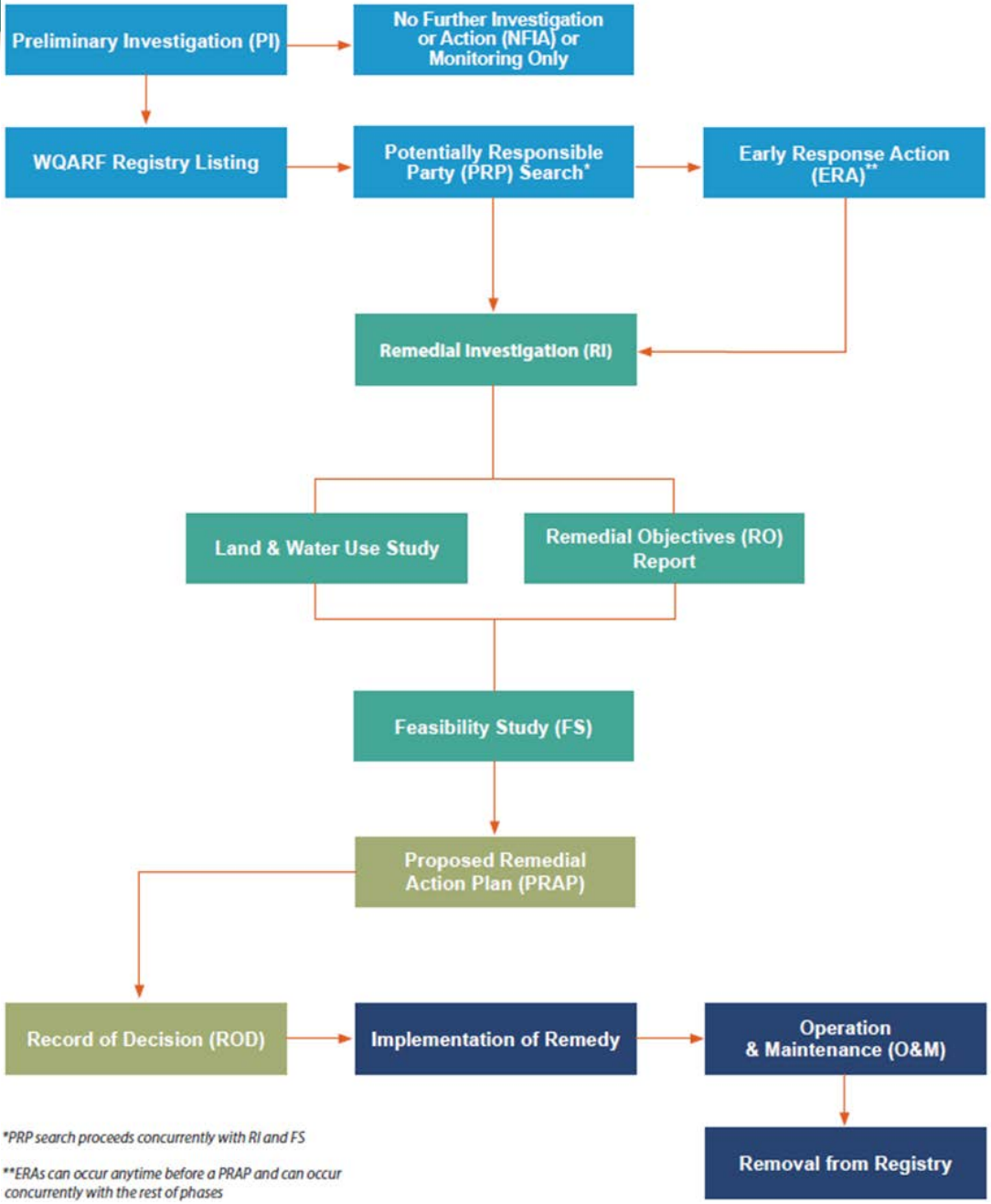
October 30, 2018

Community Advisory Board (CAB) Meeting

William Ellett, Associate Hydrogeologist/Project Manager

ADEQ Arizona Department of Environmental Quality

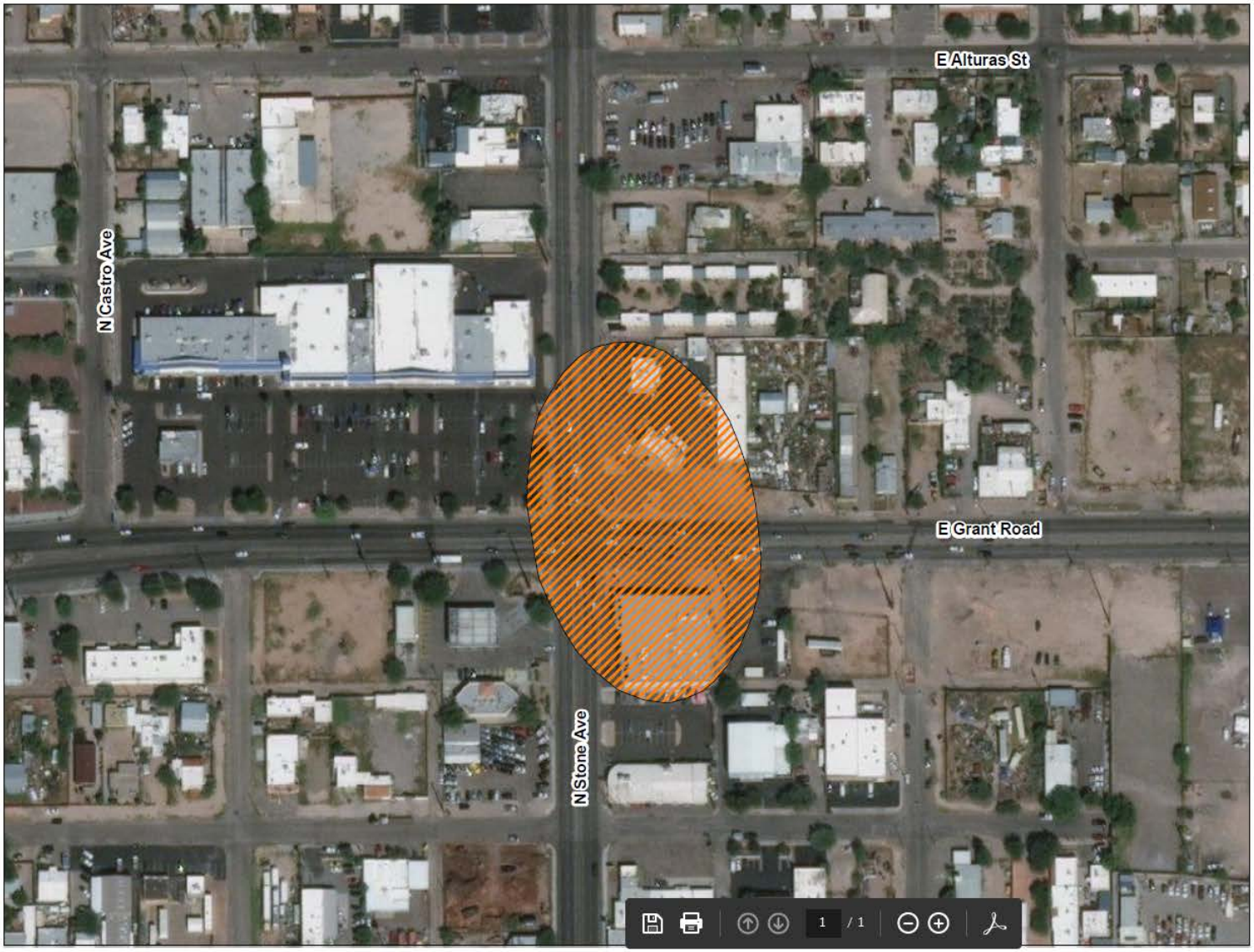
WQARF PHASES



*PRP search proceeds concurrently with RI and FS

**ERAs can occur anytime before a PRAP and can occur concurrently with the rest of phases

Stone and Grant WQARF Site Location



Water Quality Assurance Revolving Fund Site (WQARF)

Plume Data Update: 5/1/2018

Plume boundaries depicted on the site map represent ADEQ's interpretation of data available at the time the map was constructed. The map is intended to provide the public with basic information as to the estimated geographic extent of known contamination as of the date of map production. The actual extent of contamination may be different. Therefore, the plume for this site may change in the future as new information becomes available.

Date Map Saved: 5/3/2018

ADEQ Arizona Department of Environmental Quality

Publication Number: M 18-53

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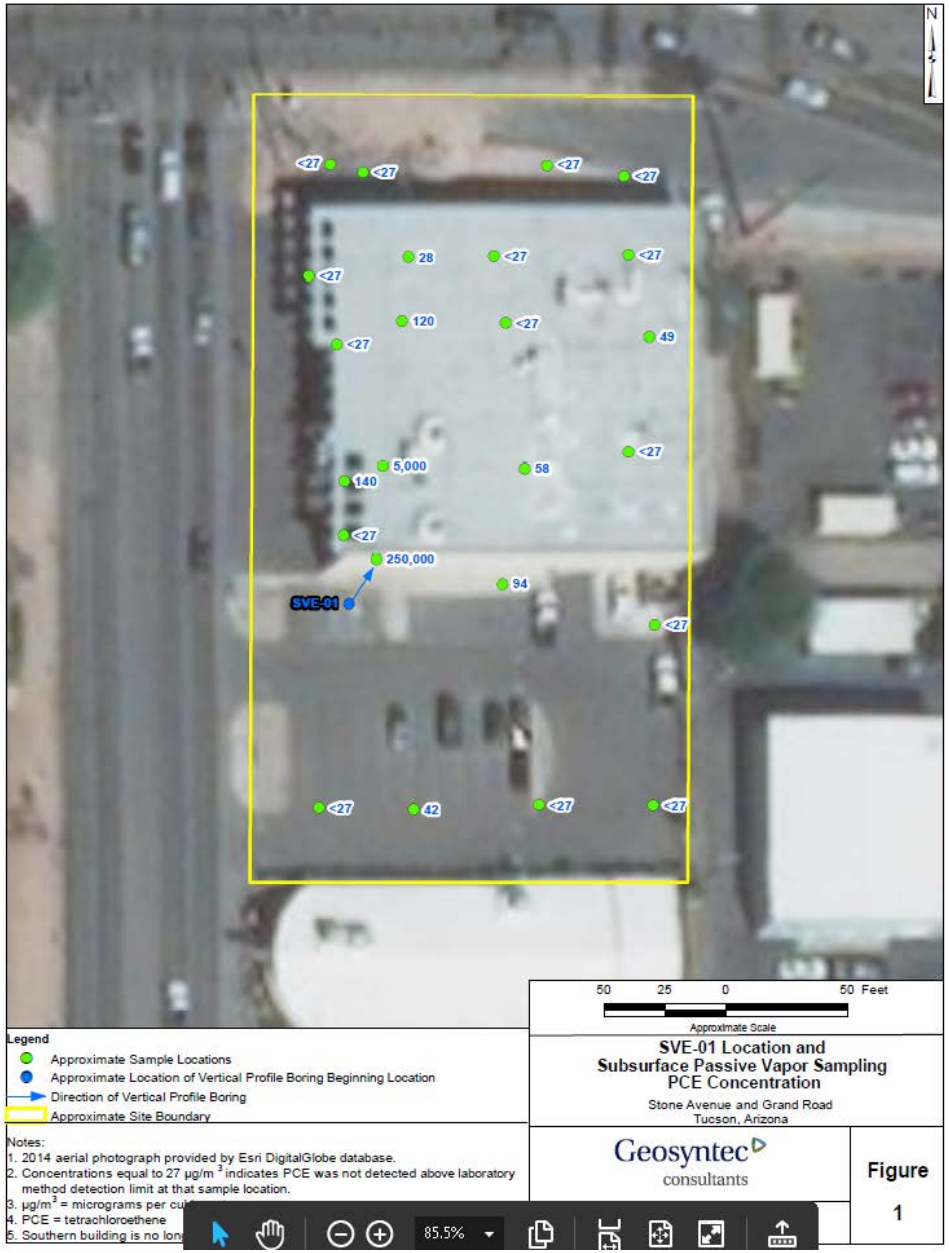
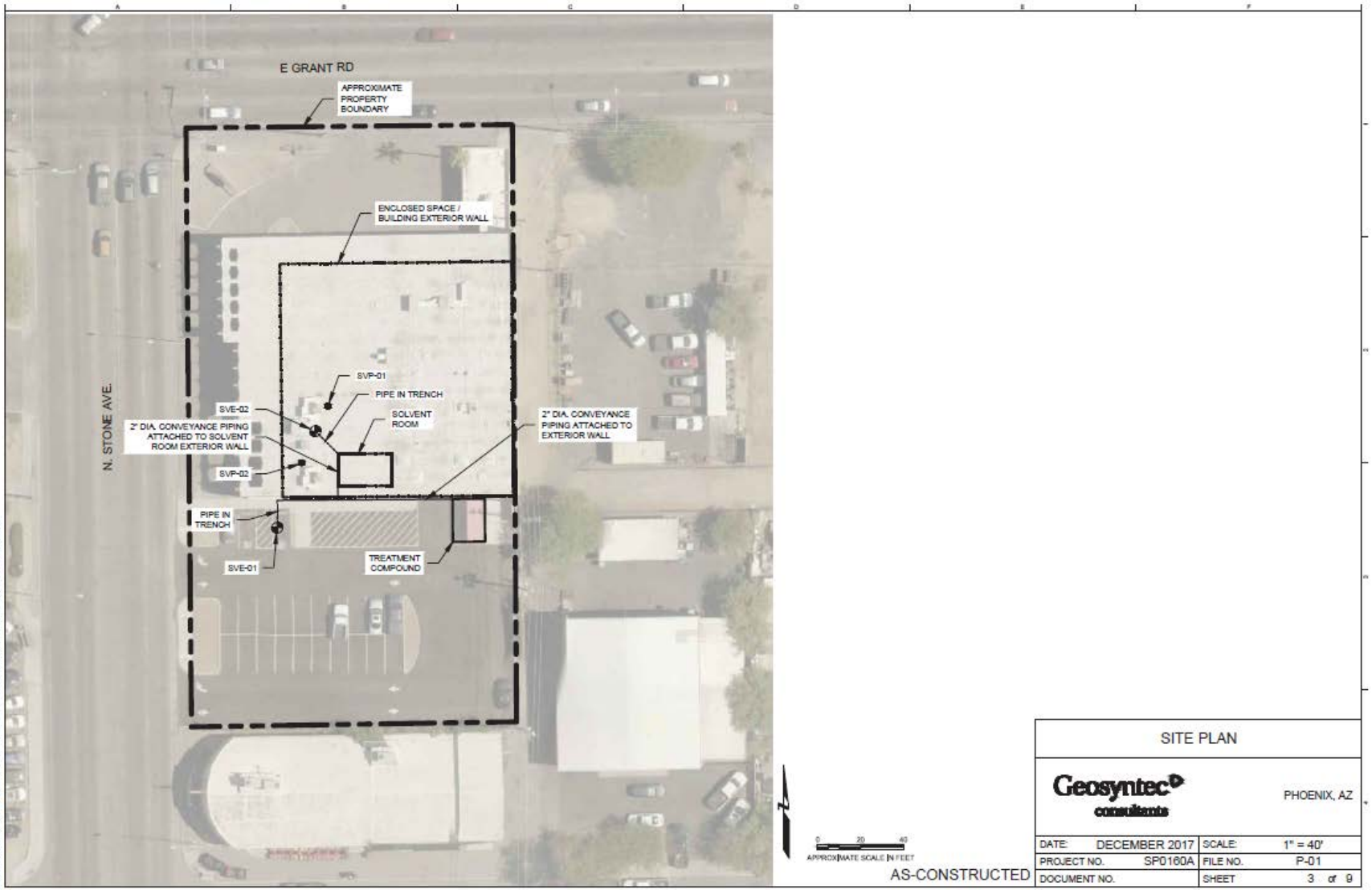
ERA Shallow Soil-Gas Survey for PCE

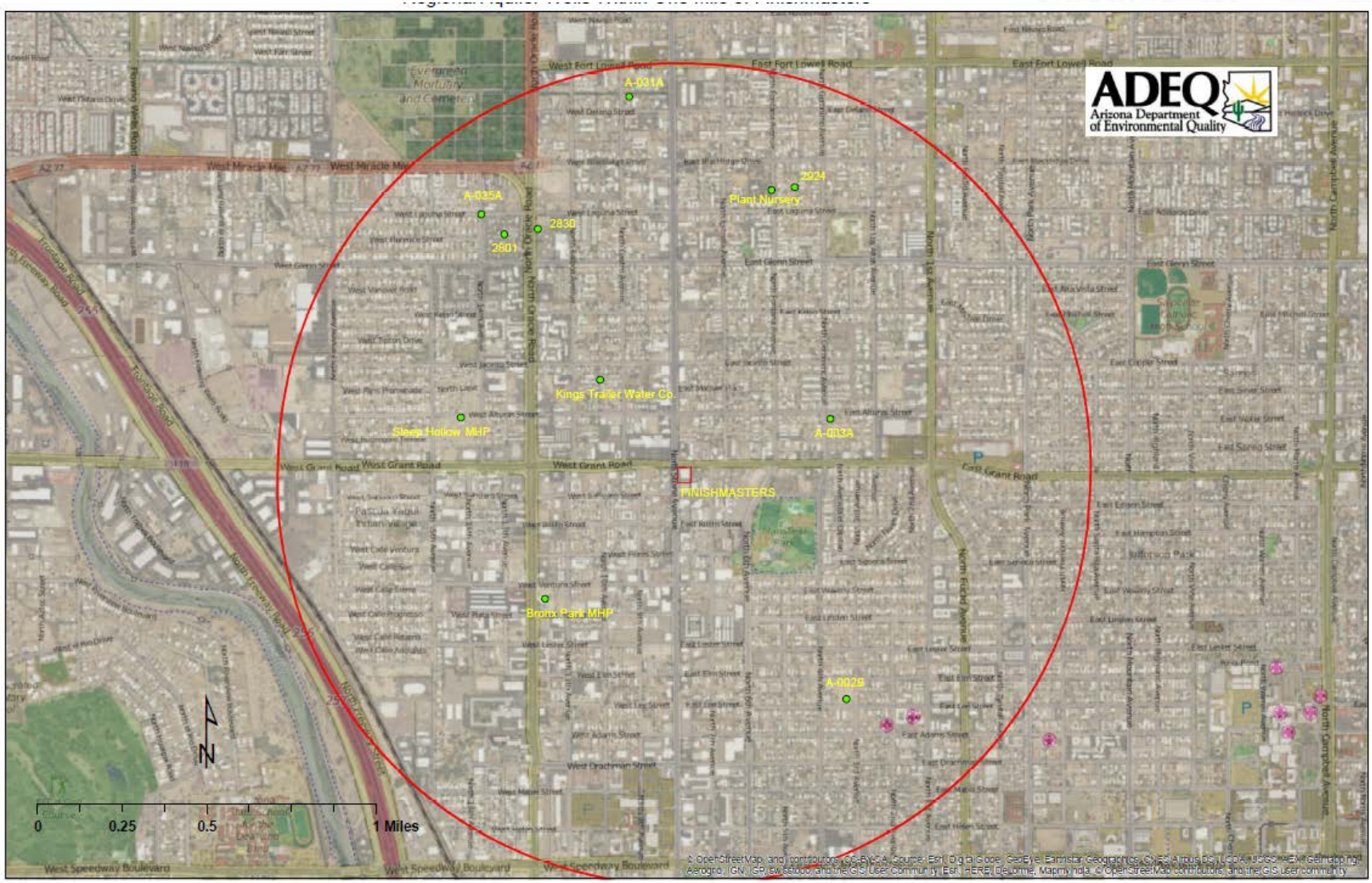


ERA/SVE System Layout



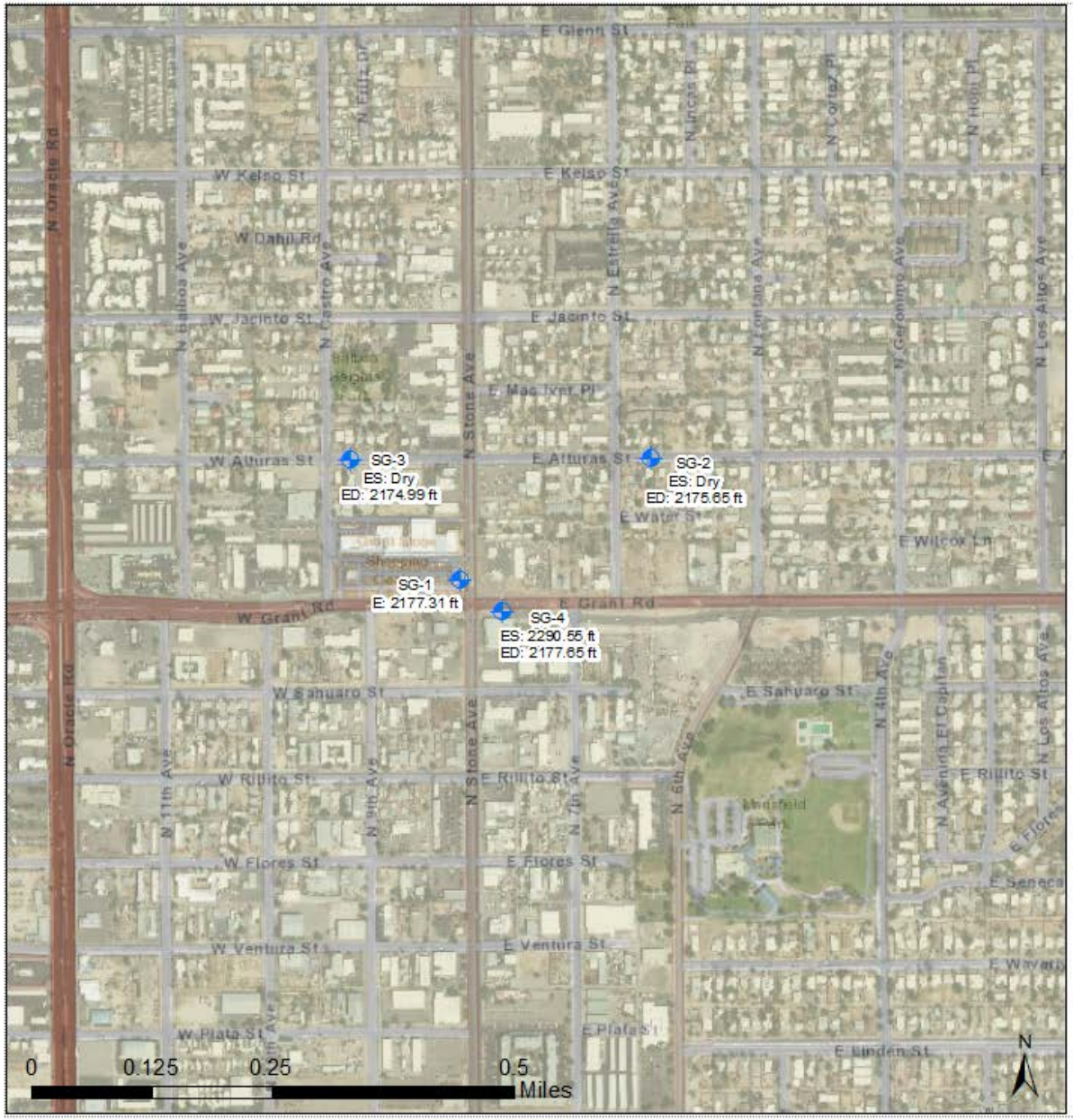
Completed SVE System

Regional Wells Within One Mile



Drilling a Monitoring Well at Stone & Grant

Remedial Investigation – Regional GW Wells



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Stone and Grant WQARF Site

Legend

- Groundwater Monitoring Wells

PCE in Shallow Soil-Gas

Legend

- Soil Gas Sampling Locations - June 2018
- Soil Gas Sampling Locations - December 2017
- Parcel Boundaries

Notes:

Non residential screening level = 1,567 µg/m³
Residential screening level = 367 µg/m³
Projection: UTM Zone 12N NAD83

Scale (Feet)
0 100 200

Date 10/9/18 | File ID 233-019

CLEAR CREEK ASSOCIATES

PCE Soil Gas Concentrations
June 20 - 21 2018
Stone-Grant WQARF Site

TCE in Shallow Soil-Gas

ADEQ Arizona Department of Environmental Quality

Legend

- Soil Gas Sampling Locations - June 2018
- Soil Gas Sampling Locations -December 2017
- Parcel Boundaries

Notes:

Non residential screening level = 100 µg/m³
Residential screening level = 16 µg/m³
Projection: UTM Zone 12N NAD83

Scale (Feet)
0 100 200

Date 10/9/18 File ID 233-020

CLEAR CREEK ASSOCIATES

TCE Soil Gas Concentrations
June 20 - 21 2018
Stone-Grant WQARF Site

Future Plans

- Expanded Soil Gas Sampling in the area.
- Write draft Remedial Investigation report by early 2019.
- Complete final Remedial Investigation report by June 2019.

Project Managers

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ARIZONA DEPARTMENT
OF
ENVIRONMENTAL QUALITY

7th Street and Arizona Avenue WQARF Site Update

The soil vapor extraction system that began operation as an early response action (ERA) at the end of 2017 continues to operate, removing volatile organic compounds from the soils in and around 847 N Stone Avenue. In December 2017, laboratory analyses indicated that soil vapor containing 4,000 milligrams per cubic meter (mg/m^3) of tetrachloroethene (PCE) was being extracted from soils and remediated by the system. By June 2018, laboratory analyses indicated the concentration of PCE in soil vapor being extracted by the system had fallen to 16 mg/m^3.

- **Attachment 1 (Site Plan)** – Shows locations of Site monitoring wells for reference with data shown in Attachment 2 and Attachment 3.

- **Attachment 2 (Summary of Water Level Measurements for Groundwater Wells)** – Shows historic and current groundwater elevations above mean sea level, depths to groundwater from the top of well casings, and the thickness of any light non-aqueous phase liquid (LNAPL) (gasoline and diesel fuel are common examples of LNAPLs) in wells included in the most recent groundwater monitoring event, conducted during the 4th quarter of 2017.

- **Attachment 3 (Summary of Detected Volatile Organic Compounds in Perched Groundwater)** – Shows concentrations of compounds detected in groundwater and LNAPL samples collected during the most recent groundwater monitoring event, conducted during the 4th quarter of 2017.

- **Attachment 4 (Tetrachloroethene in Soil Vapor – June 2018)** – Shows locations, depths below ground surface, and analytical results for soil vapor samples collected at and around 847 N Stone Avenue during the most recent soil vapor sampling event, conducted during June of 2018. The concentrations depicted in this attachment are generally lower than concentration detected in previous sampling events.

For questions, please contact:

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(602) 771-8704

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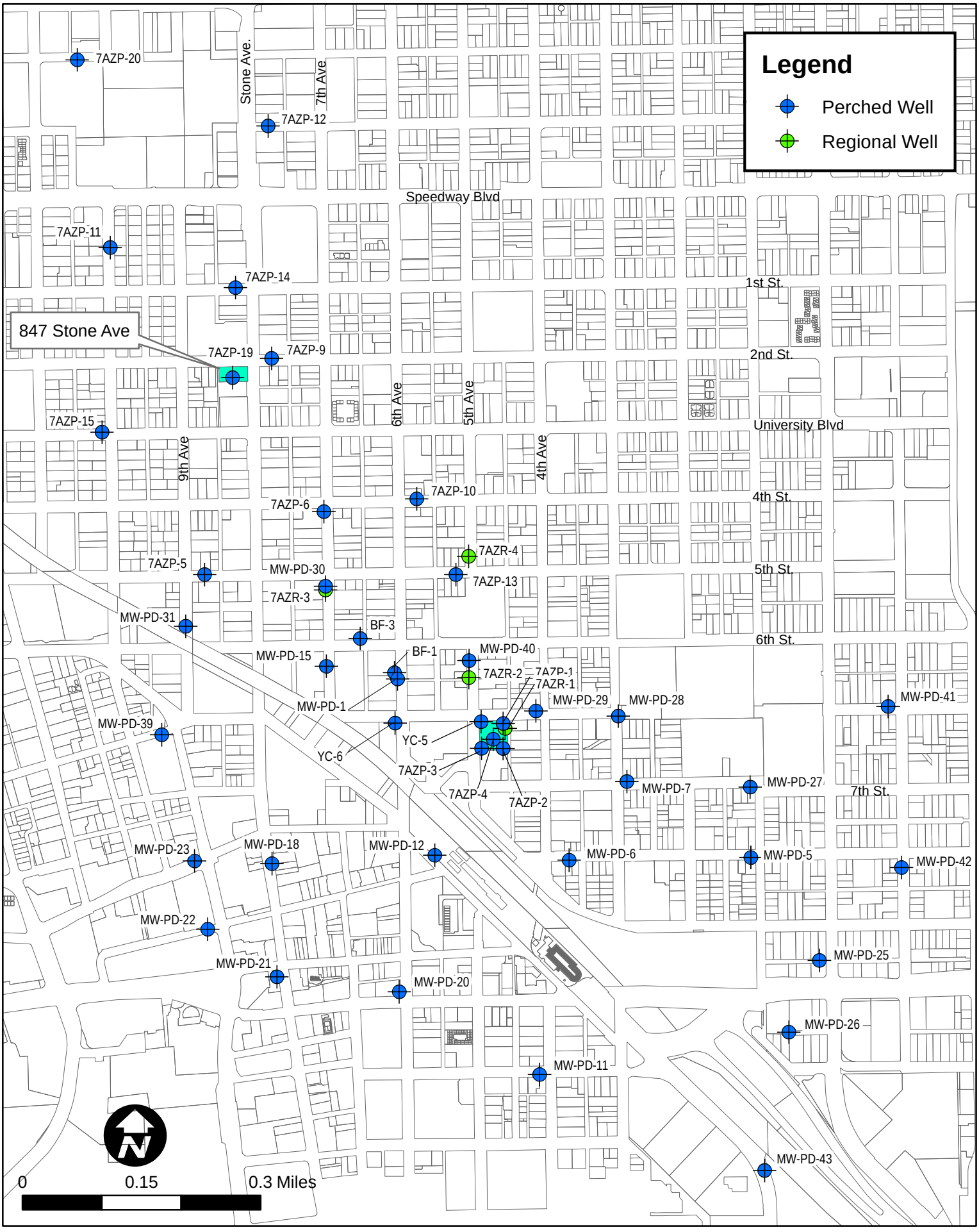

FIGURE 1: SITE PLAN

TABLE 2

SUMMARY OF WATER LEVEL MEASUREMENTS FOR GROUNDWATER WELLS

Well Identifier	Date	Measuring Point Elevation (ft amsl)	Depth to Water (ft bmp)	Depth to Product (ft bmp)	Product Thickness (ft)	Groundwater Elevation (ft amsl)	Adjusted Groundwater Elevation
7AZP-1	6/5/2002	2,378.27	65.32	No_LNAPL	0	2,312.95	2,312.95
7AZP-1	03/12/2004	2,378.27	65.66	65.65	0.01	2,312.61	2,312.62
7AZP-1	05/07/2004	2,378.27	65.71	65.70	0.01	2,312.56	2,312.57
7AZP-1	2/4/2005	2,378.27	65.68	No_LNAPL	0	2,312.59	2,312.59
7AZP-1	5/4/2005	2,378.27	65.46	No_LNAPL	0	2,312.81	2,312.81
7AZP-1	12/2/2005	2,378.27	65.45	No_LNAPL	0	2,312.82	2,312.82
7AZP-1	5/3/2006	2,378.27	65.79	No_LNAPL	0	2,312.48	2,312.48
7AZP-1	4/5/2007	2,378.27	65.65	No_LNAPL	0	2,312.62	2,312.62
7AZP-1	10/8/2007	2,378.27	65.68	No_LNAPL	0	2,312.59	2,312.59
7AZP-1	4/1/2008	2,378.27	65.64	No_LNAPL	0	2,312.63	2,312.63
7AZP-1	9/26/2008	2,378.27	65.76	No_LNAPL	0	2,312.51	2,312.51
7AZP-1	5/2/2012	2,378.27	67.11	No_LNAPL	0	2,311.16	2,311.16
7AZP-1	1/2/2013	2,378.27	67.15	No_LNAPL	0	2,311.12	2,311.12
7AZP-1	3/19/2013	2378.27	67.12	No_LNAPL	0	2,311.15	2,311.15
7AZP-1	7/28/2016	2378.27	67.29	No_LNAPL	0	2,310.98	2,310.98
7AZP-1	11/15/2017	2378.27	67.18	No_LNAPL	0	2,311.09	2,311.09
7AZP-2	6/5/2002	2,378.35	65.95	64.93	1.02	2,312.40	2,313.29
7AZP-2	05/10/2004	2,378.35	67.48	65.15	2.33	2,310.87	2,312.90
7AZP-2	2/4/2005	2,378.35	67.18	65.15	2.03	2,311.17	2,312.94
7AZP-2	03/15/2005	2,378.35	67.57	65.12	2.45	2,310.78	2,312.91
7AZP-2	5/5/2005	2,378.35	66.79	64.98	1.81	2,311.56	2,313.13
7AZP-2	12/7/2005	2,378.35	66.31	64.95	1.36	2,312.04	2,313.22
7AZP-2	5/9/2006	2,378.35	66.85	65.3	1.55	2,311.50	2,312.85
7AZP-2	4/10/2007	2,378.35	66.57	65.16	1.41	2,311.78	2,313.01
7AZP-2	10/25/2007	2,378.35	66.33	65.08	1.25	2,312.02	2,313.11
7AZP-2	4/8/2008	2,378.35	66.62	65.13	1.49	2,311.73	2,313.03
7AZP-2	10/3/2008	2,378.35	67.71	65.25	2.46	2,310.64	2,312.78
7AZP-2	5/9/2012	2,378.35	68.27	66.49	1.78	2,310.08	2,311.63
7AZP-2	11/12/2012	2,378.35	68.25	66.66	1.59	2,310.10	2,311.48
7AZP-2	1/2/2013	2,378.35	NM	NM	NM	NM	NM
7AZP-2	3/21/2013	2378.35	68.15	66.71	1.44	2,310.20	2,311.45
7AZP-2	7/28/2016	2378.35	67.95	66.9	1.05	2,310.40	2,311.31
7AZP-2	11/15/2017	2378.35	67.96	66.77	1.19	2,310.39	2,311.43
7AZP-3	6/5/2002	2,377.26	64.36	No_LNAPL	0	2,312.90	2,312.90
7AZP-3	03/10/2004	2,377.26	64.75	No_LNAPL	0	2,312.51	2,312.51
7AZP-3	05/05/2004	2,377.26	64.75	No_LNAPL	0	2,312.51	2,312.51
7AZP-3	2/1/2005	2,377.26	64.68	No_LNAPL	0	2,312.58	2,312.58
7AZP-3	5/4/2005	2,377.26	64.49	No_LNAPL	0	2,312.77	2,312.77
7AZP-3	12/5/2005	2,377.26	64.5	No_LNAPL	0	2,312.76	2,312.76
7AZP-3	5/3/2006	2,377.26	64.84	No_LNAPL	0	2,312.42	2,312.42
7AZP-3	4/5/2007	2,377.26	64.7	No_LNAPL	0	2,312.56	2,312.56
7AZP-3	10/8/2007	2,377.26	64.62	No_LNAPL	0	2,312.64	2,312.64
7AZP-3	4/1/2008	2,377.26	64.68	No_LNAPL	0	2,312.58	2,312.58
7AZP-3	9/30/2008	2,377.26	64.82	No_LNAPL	0	2,312.44	2,312.44
7AZP-3	5/8/2012	2,377.26	66.98	65.93	1.05	2,310.28	2,311.19
7AZP-3	1/2/2013	2,377.26	67.13	66.13	1	2,310.13	2,311.00
7AZP-3	3/26/2013	2377.26	67.04	66.08	0.96	2,310.22	2,311.06
7AZP-3	7/28/2016	2377.26	67.25	66.25	1	2,310.01	2,310.88
7AZP-3	11/15/2017	2377.26	66.9	66.11	0.79	2,310.36	2,311.05
7AZP-4	6/5/2002	2,377.58	64.65	No_LNAPL	0	2,312.93	2,312.93
7AZP-4	03/12/2004	2,377.58	67.13	64.72	2.41	2,310.45	2,312.55
7AZP-4	05/11/2004	2,377.58	67.22	64.72	2.50	2,310.36	2,312.54
7AZP-4	2/7/2005	2,377.58	67.23	64.65	2.58	2,310.35	2,312.59
7AZP-4	5/6/2005	2,377.58	67.06	64.5	2.56	2,310.52	2,312.75
7AZP-4	12/8/2005	2,377.58	67.26	64.48	2.78	2,310.32	2,312.74
7AZP-4	5/10/2006	2,377.58	67.64	64.83	2.81	2,309.94	2,312.38
7AZP-4	4/10/2007	2,377.58	67.05	64.7	2.35	2,310.53	2,312.57
7AZP-4	10/25/2007	2,377.58	66.72	64.63	2.09	2,310.86	2,312.68
7AZP-4	4/9/2008	2,377.58	67.46	64.66	2.8	2,310.12	2,312.56
7AZP-4	10/3/2008	2,377.58	67.59	64.75	2.84	2,309.99	2,312.46
7AZP-4	5/10/2012	2,377.58	68.63	66.02	2.61	2,308.95	2,311.22
7AZP-4	11/12/2012	2,377.58	68.60	66.18	2.42	2,308.98	2,311.09
7AZP-4	1/2/2013	2,377.58	68.62	66.21	2.41	2,308.96	2,311.06
7AZP-4	3/26/2013	2377.58	68.44	66.24	2.2	2,309.14	2,311.05
7AZP-4	7/28/2016	2377.58	68.46	66.39	2.07	2,309.12	2,310.92
7AZP-4	11/15/2017	2377.58	67.77	66.35	1.42	2,309.81	2,311.05
7AZP-5	4/6/2007	2,369.81	63.2	No_LNAPL	0	2,306.61	2,306.61

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7AZP-5	10/8/2007	2,369.81	62.73	No_LNAPL	0	2,307.08	2,307.08
7AZP-5	4/2/2008	2,369.81	63.07	No_LNAPL	0	2,306.74	2,306.74
7AZP-5	9/26/2008	2,369.81	62.91	No_LNAPL	0	2,306.90	2,306.90
7AZP-5	5/2/2012	2,369.81	64.99	No_LNAPL	0	2,304.82	2,304.82
7AZP-5	1/2/2013	2,369.81	64.8	No_LNAPL	0	2,305.01	2,305.01
7AZP-5	3/21/2013	2369.81	64.44	No_LNAPL	0	2,305.37	2,305.37
7AZP-5	1/19/2015	2369.81	63.34	No_LNAPL	0	2,306.47	2,306.47
7AZP-5	7/28/2016	2369.81	64.87	No_LNAPL	0	2,304.94	2,304.94
7AZP-5	12/20/2016	2369.81	64.83	No_LNAPL	0	2,304.98	2,304.98
7AZP-5	11/15/2017	2369.81	64.85	No_LNAPL	0	2,304.96	2,304.96
7AZP-6	4/3/2007	2,386.61	81.44	No_LNAPL	0	2,305.17	2,305.17
7AZP-6	10/9/2007	2,386.61	81.42	No_LNAPL	0	2,305.19	2,305.19
7AZP-6	4/2/2008	2,386.61	81.41	No_LNAPL	0	2,305.20	2,305.20
7AZP-6	9/30/2008	2,386.61	81.52	No_LNAPL	0	2,305.09	2,305.09
7AZP-6	5/3/2012	2,386.61	83.54	No_LNAPL	0	2,303.07	2,303.07
7AZP-6	1/2/2013	2,386.61	83.74	No_LNAPL	0	2,302.87	2,302.87
7AZP-6	3/20/2013	2386.61	83.67	No_LNAPL	0	2,302.94	2,302.94
7AZP-6	1/19/2015	2386.61	83.36	No_LNAPL	0	2,303.25	2,303.25
7AZP-6	7/28/2016	2386.61	83.74	No_LNAPL	0	2,302.87	2,302.87
7AZP-6	12/20/2016	2386.61	83.79	No_LNAPL	0	2,302.82	2,302.82
7AZP-6	11/15/2017	2386.61	83.68	No_LNAPL	0	2,302.93	2,302.93
7AZP-7	4/3/2007	2,387.26	76.33	No_LNAPL	0	2,310.93	2,310.93
7AZP-7	10/8/2007	2,387.26	76.35	No_LNAPL	0	2,310.91	2,310.91
7AZP-7	3/31/2008	2,387.26	76.35	No_LNAPL	0	2,310.91	2,310.91
7AZP-7	9/25/2008	2,387.26	76.49	No_LNAPL	0	2,310.77	2,310.77
7AZP-7	5/23/2012	2,387.26	NM	NM	NM	NM	NM
7AZP-7	1/2/2013	2,387.26	NM	NM	NM	NM	NM
7AZP-9	4/2/2008	2,380.76	82.75	No_LNAPL	0	2,298.01	2,298.01
7AZP-9	9/26/2008	2,380.76	82.81	No_LNAPL	0	2,297.95	2,297.95
7AZP-9	5/18/2012	2,380.76	84.35	No_LNAPL	0	2,296.41	2,296.41
7AZP-9	1/2/2013	2,380.76	84.65	No_LNAPL	0	2,296.11	2,296.11
7AZP-9	3/19/2013	2380.76	84.31	No_LNAPL	0	2,296.45	2,296.45
7AZP-9	1/19/2015	2380.76	85.05	No_LNAPL	0	2,295.71	2,295.71
7AZP-9	7/28/2016	2380.76	84.91	No_LNAPL	0	2,295.85	2,295.85
7AZP-9	12/20/2016	2380.76	84.98	No_LNAPL	0	2,295.78	2,295.78
7AZP-9	11/15/2017	2380.76	84.93	No_LNAPL	0	2,295.83	2,295.83
7AZP-10	4/2/2008	2,385.61	80.5	No_LNAPL	0	2,305.11	2,305.11
7AZP-10	9/25/2008	2,385.61	80.64	No_LNAPL	0	2,304.97	2,304.97
7AZP-10	5/18/2012	2,385.61	82.16	No_LNAPL	0	2,303.45	2,303.45
7AZP-10	1/2/2013	2,385.61	82.46	No_LNAPL	0	2,303.15	2,303.15
7AZP-10	03/18/2013	2,385.61	82.59	No_LNAPL	0	2,303.02	2,303.02
7AZP-10	3/21/2013	2385.61	82.49	No_LNAPL	0	2,303.12	2,303.12
7AZP-10	1/19/2015	2385.61	Dry	No_LNAPL	0	Dry	Dry
7AZP-10	7/28/2016	2385.61	Dry	No_LNAPL	0	Dry	Dry
7AZP-10	12/20/2016	2385.61	81.38	No_LNAPL	0	2,304.23	2,304.23
7AZP-10	11/15/2017	2385.61	Dry	No_LNAPL	0	Dry	Dry
7AZP-11	11/8/2012	2,367.24	77.58	No_LNAPL	0	2,289.66	2,289.66
7AZP-11	1/2/2013	2,367.24	77.66	No_LNAPL	0	2,289.58	2,289.58
7AZP-11	3/19/2013	2367.24	77.71	No_LNAPL	0	2,289.53	2,289.53
7AZP-11	1/19/2015	2367.24	77.92	No_LNAPL	0	2,289.32	2,289.32
7AZP-11	7/28/2016	2367.24	77.95	No_LNAPL	0	2,289.29	2,289.29
7AZP-11	12/20/2016	2367.24	77.8	No_LNAPL	0	2,289.44	2,289.44
7AZP-11	11/15/2017	2367.24	77.77	No_LNAPL	0	2,289.47	2,289.47
7AZP-12	1/2/2013	2,378.00	Dry	No_LNAPL	0	NA	NA
7AZP-12	3/26/2013	2378	Dry	No_LNAPL	0	Dry	Dry
7AZP-12	1/19/2015	2378	Dry	No_LNAPL	0	Dry	Dry
7AZP-12	7/28/2016	2378	86.27	No_LNAPL	0	2,291.73	2,291.73
7AZP-12	12/20/2016	2378	86.14	No_LNAPL	0	2,291.86	2,291.86
7AZP-12	11/15/2017	2378	Dry	No_LNAPL	0	Dry	Dry
7AZP-13	1/19/2015	2388.66	79.24	No_LNAPL	0	2,309.42	2,309.42
7AZP-13	7/28/2016	2388.66	79.58	No_LNAPL	0	2,309.08	2,309.08
7AZP-13	11/15/2017	2388.66	79.39	No_LNAPL	0	2,309.27	2,309.27
7AZP-14	1/19/2015	2377.07	Dry	No_LNAPL	0	Dry	Dry
7AZP-14	7/28/2016	2377.07	Dry	No_LNAPL	0	Dry	Dry
7AZP-14	12/20/2016	2377.07	84.81	No_LNAPL	0	2,292.26	2,292.26
7AZP-14	11/15/2017	2377.07	Dry	No_LNAPL	0	Dry	Dry
7AZP-15	1/19/2015	2371.26	73.5	No_LNAPL	0	2,297.76	2,297.76

TABLE 2

SUMMARY OF WATER LEVEL MEASUREMENTS FOR GROUNDWATER WELLS

Well Identifier	Date	Measuring Point Elevation (ft amsl)	Depth to Water (ft bmp)	Depth to Product (ft bmp)	Product Thickness (ft)	Groundwater Elevation (ft amsl)	Adjusted Groundwater Elevation
7AZP-1	6/5/2002	2,378.27	65.32	No_LNAPL	0	2,312.95	2,312.95
7AZP-1	03/12/2004	2,378.27	65.66	65.65	0.01	2,312.61	2,312.62
7AZP-1	05/07/2004	2,378.27	65.71	65.70	0.01	2,312.56	2,312.57
7AZP-1	2/4/2005	2,378.27	65.68	No_LNAPL	0	2,312.59	2,312.59
7AZP-1	5/4/2005	2,378.27	65.46	No_LNAPL	0	2,312.81	2,312.81
7AZP-1	12/2/2005	2,378.27	65.45	No_LNAPL	0	2,312.82	2,312.82
7AZP-1	5/3/2006	2,378.27	65.79	No_LNAPL	0	2,312.48	2,312.48
7AZP-1	4/5/2007	2,378.27	65.65	No_LNAPL	0	2,312.62	2,312.62
7AZP-1	10/8/2007	2,378.27	65.68	No_LNAPL	0	2,312.59	2,312.59
7AZP-1	4/1/2008	2,378.27	65.64	No_LNAPL	0	2,312.63	2,312.63
7AZP-1	9/26/2008	2,378.27	65.76	No_LNAPL	0	2,312.51	2,312.51
7AZP-1	5/2/2012	2,378.27	67.11	No_LNAPL	0	2,311.16	2,311.16
7AZP-1	1/2/2013	2,378.27	67.15	No_LNAPL	0	2,311.12	2,311.12
7AZP-1	3/19/2013	2378.27	67.12	No_LNAPL	0	2,311.15	2,311.15
7AZP-1	7/28/2016	2378.27	67.29	No_LNAPL	0	2,310.98	2,310.98
7AZP-1	11/15/2017	2378.27	67.18	No_LNAPL	0	2,311.09	2,311.09
7AZP-2	6/5/2002	2,378.35	65.95	64.93	1.02	2,312.40	2,313.29
7AZP-2	05/10/2004	2,378.35	67.48	65.15	2.33	2,310.87	2,312.90
7AZP-2	2/4/2005	2,378.35	67.18	65.15	2.03	2,311.17	2,312.94
7AZP-2	03/15/2005	2,378.35	67.57	65.12	2.45	2,310.78	2,312.91
7AZP-2	5/5/2005	2,378.35	66.79	64.98	1.81	2,311.56	2,313.13
7AZP-2	12/7/2005	2,378.35	66.31	64.95	1.36	2,312.04	2,313.22
7AZP-2	5/9/2006	2,378.35	66.85	65.3	1.55	2,311.50	2,312.85
7AZP-2	4/10/2007	2,378.35	66.57	65.16	1.41	2,311.78	2,313.01
7AZP-2	10/25/2007	2,378.35	66.33	65.08	1.25	2,312.02	2,313.11
7AZP-2	4/8/2008	2,378.35	66.62	65.13	1.49	2,311.73	2,313.03
7AZP-2	10/3/2008	2,378.35	67.71	65.25	2.46	2,310.64	2,312.78
7AZP-2	5/9/2012	2,378.35	68.27	66.49	1.78	2,310.08	2,311.63
7AZP-2	11/12/2012	2,378.35	68.25	66.66	1.59	2,310.10	2,311.48
7AZP-2	1/2/2013	2,378.35	NM	NM	NM	NM	NM
7AZP-2	3/21/2013	2378.35	68.15	66.71	1.44	2,310.20	2,311.45
7AZP-2	7/28/2016	2378.35	67.95	66.9	1.05	2,310.40	2,311.31
7AZP-2	11/15/2017	2378.35	67.96	66.77	1.19	2,310.39	2,311.43
7AZP-3	6/5/2002	2,377.26	64.36	No_LNAPL	0	2,312.90	2,312.90
7AZP-3	03/10/2004	2,377.26	64.75	No_LNAPL	0	2,312.51	2,312.51
7AZP-3	05/05/2004	2,377.26	64.75	No_LNAPL	0	2,312.51	2,312.51
7AZP-3	2/1/2005	2,377.26	64.68	No_LNAPL	0	2,312.58	2,312.58
7AZP-3	5/4/2005	2,377.26	64.49	No_LNAPL	0	2,312.77	2,312.77
7AZP-3	12/5/2005	2,377.26	64.5	No_LNAPL	0	2,312.76	2,312.76
7AZP-3	5/3/2006	2,377.26	64.84	No_LNAPL	0	2,312.42	2,312.42
7AZP-3	4/5/2007	2,377.26	64.7	No_LNAPL	0	2,312.56	2,312.56
7AZP-3	10/8/2007	2,377.26	64.62	No_LNAPL	0	2,312.64	2,312.64
7AZP-3	4/1/2008	2,377.26	64.68	No_LNAPL	0	2,312.58	2,312.58
7AZP-3	9/30/2008	2,377.26	64.82	No_LNAPL	0	2,312.44	2,312.44
7AZP-3	5/8/2012	2,377.26	66.98	65.93	1.05	2,310.28	2,311.19
7AZP-3	1/2/2013	2,377.26	67.13	66.13	1	2,310.13	2,311.00
7AZP-3	3/26/2013	2377.26	67.04	66.08	0.96	2,310.22	2,311.06
7AZP-3	7/28/2016	2377.26	67.25	66.25	1	2,310.01	2,310.88
7AZP-3	11/15/2017	2377.26	66.9	66.11	0.79	2,310.36	2,311.05
7AZP-4	6/5/2002	2,377.58	64.65	No_LNAPL	0	2,312.93	2,312.93
7AZP-4	03/12/2004	2,377.58	67.13	64.72	2.41	2,310.45	2,312.55
7AZP-4	05/11/2004	2,377.58	67.22	64.72	2.50	2,310.36	2,312.54
7AZP-4	2/7/2005	2,377.58	67.23	64.65	2.58	2,310.35	2,312.59
7AZP-4	5/6/2005	2,377.58	67.06	64.5	2.56	2,310.52	2,312.75
7AZP-4	12/8/2005	2,377.58	67.26	64.48	2.78	2,310.32	2,312.74
7AZP-4	5/10/2006	2,377.58	67.64	64.83	2.81	2,309.94	2,312.38
7AZP-4	4/10/2007	2,377.58	67.05	64.7	2.35	2,310.53	2,312.57
7AZP-4	10/25/2007	2,377.58	66.72	64.63	2.09	2,310.86	2,312.68
7AZP-4	4/9/2008	2,377.58	67.46	64.66	2.8	2,310.12	2,312.56
7AZP-4	10/3/2008	2,377.58	67.59	64.75	2.84	2,309.99	2,312.46
7AZP-4	5/10/2012	2,377.58	68.63	66.02	2.61	2,308.95	2,311.22
7AZP-4	11/12/2012	2,377.58	68.60	66.18	2.42	2,308.98	2,311.09
7AZP-4	1/2/2013	2,377.58	68.62	66.21	2.41	2,308.96	2,311.06
7AZP-4	3/26/2013	2377.58	68.44	66.24	2.2	2,309.14	2,311.05
7AZP-4	7/28/2016	2377.58	68.46	66.39	2.07	2,309.12	2,310.92
7AZP-4	11/15/2017	2377.58	67.77	66.35	1.42	2,309.81	2,311.05
7AZP-5	4/6/2007	2,369.81	63.2	No_LNAPL	0	2,306.61	2,306.61

TABLE 2

SUMMARY OF WATER LEVEL MEASUREMENTS FOR GROUNDWATER WELLS

Well Identifier	Date	Measuring Point Elevation (ft amsl)	Depth to Water (ft bmp)	Depth to Product (ft bmp)	Product Thickness (ft)	Groundwater Elevation (ft amsl)	Adjusted Groundwater Elevation
7AZP-5	10/8/2007	2,369.81	62.73	No_LNAPL	0	2,307.08	2,307.08
7AZP-5	4/2/2008	2,369.81	63.07	No_LNAPL	0	2,306.74	2,306.74
7AZP-5	9/26/2008	2,369.81	62.91	No_LNAPL	0	2,306.90	2,306.90
7AZP-5	5/2/2012	2,369.81	64.99	No_LNAPL	0	2,304.82	2,304.82
7AZP-5	1/2/2013	2,369.81	64.8	No_LNAPL	0	2,305.01	2,305.01
7AZP-5	3/21/2013	2369.81	64.44	No_LNAPL	0	2,305.37	2,305.37
7AZP-5	1/19/2015	2369.81	63.34	No_LNAPL	0	2,306.47	2,306.47
7AZP-5	7/28/2016	2369.81	64.87	No_LNAPL	0	2,304.94	2,304.94
7AZP-5	12/20/2016	2369.81	64.83	No_LNAPL	0	2,304.98	2,304.98
7AZP-5	11/15/2017	2369.81	64.85	No_LNAPL	0	2,304.96	2,304.96
7AZP-6	4/3/2007	2,386.61	81.44	No_LNAPL	0	2,305.17	2,305.17
7AZP-6	10/9/2007	2,386.61	81.42	No_LNAPL	0	2,305.19	2,305.19
7AZP-6	4/2/2008	2,386.61	81.41	No_LNAPL	0	2,305.20	2,305.20
7AZP-6	9/30/2008	2,386.61	81.52	No_LNAPL	0	2,305.09	2,305.09
7AZP-6	5/3/2012	2,386.61	83.54	No_LNAPL	0	2,303.07	2,303.07
7AZP-6	1/2/2013	2,386.61	83.74	No_LNAPL	0	2,302.87	2,302.87
7AZP-6	3/20/2013	2386.61	83.67	No_LNAPL	0	2,302.94	2,302.94
7AZP-6	1/19/2015	2386.61	83.36	No_LNAPL	0	2,303.25	2,303.25
7AZP-6	7/28/2016	2386.61	83.74	No_LNAPL	0	2,302.87	2,302.87
7AZP-6	12/20/2016	2386.61	83.79	No_LNAPL	0	2,302.82	2,302.82
7AZP-6	11/15/2017	2386.61	83.68	No_LNAPL	0	2,302.93	2,302.93
7AZP-7	4/3/2007	2,387.26	76.33	No_LNAPL	0	2,310.93	2,310.93
7AZP-7	10/8/2007	2,387.26	76.35	No_LNAPL	0	2,310.91	2,310.91
7AZP-7	3/31/2008	2,387.26	76.35	No_LNAPL	0	2,310.91	2,310.91
7AZP-7	9/25/2008	2,387.26	76.49	No_LNAPL	0	2,310.77	2,310.77
7AZP-7	5/23/2012	2,387.26	NM	NM	NM	NM	NM
7AZP-7	1/2/2013	2,387.26	NM	NM	NM	NM	NM
7AZP-9	4/2/2008	2,380.76	82.75	No_LNAPL	0	2,298.01	2,298.01
7AZP-9	9/26/2008	2,380.76	82.81	No_LNAPL	0	2,297.95	2,297.95
7AZP-9	5/18/2012	2,380.76	84.35	No_LNAPL	0	2,296.41	2,296.41
7AZP-9	1/2/2013	2,380.76	84.65	No_LNAPL	0	2,296.11	2,296.11
7AZP-9	3/19/2013	2380.76	84.31	No_LNAPL	0	2,296.45	2,296.45
7AZP-9	1/19/2015	2380.76	85.05	No_LNAPL	0	2,295.71	2,295.71
7AZP-9	7/28/2016	2380.76	84.91	No_LNAPL	0	2,295.85	2,295.85
7AZP-9	12/20/2016	2380.76	84.98	No_LNAPL	0	2,295.78	2,295.78
7AZP-9	11/15/2017	2380.76	84.93	No_LNAPL	0	2,295.83	2,295.83
7AZP-10	4/2/2008	2,385.61	80.5	No_LNAPL	0	2,305.11	2,305.11
7AZP-10	9/25/2008	2,385.61	80.64	No_LNAPL	0	2,304.97	2,304.97
7AZP-10	5/18/2012	2,385.61	82.16	No_LNAPL	0	2,303.45	2,303.45
7AZP-10	1/2/2013	2,385.61	82.46	No_LNAPL	0	2,303.15	2,303.15
7AZP-10	03/18/2013	2,385.61	82.59	No_LNAPL	0	2,303.02	2,303.02
7AZP-10	3/21/2013	2385.61	82.49	No_LNAPL	0	2,303.12	2,303.12
7AZP-10	1/19/2015	2385.61	Dry	No_LNAPL	0	Dry	Dry
7AZP-10	7/28/2016	2385.61	Dry	No_LNAPL	0	Dry	Dry
7AZP-10	12/20/2016	2385.61	81.38	No_LNAPL	0	2,304.23	2,304.23
7AZP-10	11/15/2017	2385.61	Dry	No_LNAPL	0	Dry	Dry
7AZP-11	11/8/2012	2,367.24	77.58	No_LNAPL	0	2,289.66	2,289.66
7AZP-11	1/2/2013	2,367.24	77.66	No_LNAPL	0	2,289.58	2,289.58
7AZP-11	3/19/2013	2367.24	77.71	No_LNAPL	0	2,289.53	2,289.53
7AZP-11	1/19/2015	2367.24	77.92	No_LNAPL	0	2,289.32	2,289.32
7AZP-11	7/28/2016	2367.24	77.95	No_LNAPL	0	2,289.29	2,289.29
7AZP-11	12/20/2016	2367.24	77.8	No_LNAPL	0	2,289.44	2,289.44
7AZP-11	11/15/2017	2367.24	77.77	No_LNAPL	0	2,289.47	2,289.47
7AZP-12	1/2/2013	2,378.00	Dry	No_LNAPL	0	NA	NA
7AZP-12	3/26/2013	2378	Dry	No_LNAPL	0	Dry	Dry
7AZP-12	1/19/2015	2378	Dry	No_LNAPL	0	Dry	Dry
7AZP-12	7/28/2016	2378	86.27	No_LNAPL	0	2,291.73	2,291.73
7AZP-12	12/20/2016	2378	86.14	No_LNAPL	0	2,291.86	2,291.86
7AZP-12	11/15/2017	2378	Dry	No_LNAPL	0	Dry	Dry
7AZP-13	1/19/2015	2388.66	79.24	No_LNAPL	0	2,309.42	2,309.42
7AZP-13	7/28/2016	2388.66	79.58	No_LNAPL	0	2,309.08	2,309.08
7AZP-13	11/15/2017	2388.66	79.39	No_LNAPL	0	2,309.27	2,309.27
7AZP-14	1/19/2015	2377.07	Dry	No_LNAPL	0	Dry	Dry
7AZP-14	7/28/2016	2377.07	Dry	No_LNAPL	0	Dry	Dry
7AZP-14	12/20/2016	2377.07	84.81	No_LNAPL	0	2,292.26	2,292.26
7AZP-14	11/15/2017	2377.07	Dry	No_LNAPL	0	Dry	Dry
7AZP-15	1/19/2015	2371.26	73.5	No_LNAPL	0	2,297.76	2,297.76

TABLE 2

SUMMARY OF WATER LEVEL MEASUREMENTS FOR GROUNDWATER WELLS

Well Identifier	Date	Measuring Point Elevation (ft amsl)	Depth to Water (ft bmp)	Depth to Product (ft bmp)	Product Thickness (ft)	Groundwater Elevation (ft amsl)	Adjusted Groundwater Elevation
7AZP-15	7/28/2016	2371.26	74.43	No_LNAPL	0	2,296.83	2,296.83
7AZP-15[(1)]	12/20/2016	2371.26	67.95	No_LNAPL	0	2,303.31	2,303.31
7AZP-15	11/15/2017	2371.26	74.03	No_LNAPL	0	2,297.23	2,297.23
7AZP-19	7/28/2016	2381.34	84.85	No_LNAPL	0	2,296.49	2,296.49
7AZP-19	12/20/2016	2381.34	84.79	No_LNAPL	0	2,296.55	2,296.55
7AZP-19	11/15/2017	2381.34	84.66	No_LNAPL	0	2,296.68	2,296.68
7AZP-20	11/2/2016	2365.13	86.2	No_LNAPL	0	2,278.93	2,278.93
7AZP-20	12/20/2016	2365.13	86.28	No_LNAPL	0	2,278.85	2,278.85
7AZP-20	3/9/2017	2365.13	86.1	No_LNAPL	0	2,279.03	2,279.03
7AZP-20	11/22/2017	2365.13	86.01	No_LNAPL	0	2,279.12	2,279.12
BF-1	3/25/2002	2,375.38	64.28	No_LNAPL	0	2,311.10	2,311.10
BF-1	6/5/2002	2,375.38	64.45	No_LNAPL	0	2,310.93	2,310.93
BF-1	03/11/2004	2,375.38	64.70	No_LNAPL	0	2,310.68	2,310.68
BF-1	05/04/2004	2,375.38	64.71	No_LNAPL	0	2,310.67	2,310.67
BF-1	2/2/2005	2,375.38	64.65	No_LNAPL	0	2,310.73	2,310.73
BF-1	5/4/2005	2,375.38	64.52	No_LNAPL	0	2,310.86	2,310.86
BF-1	12/6/2005	2,375.38	64.59	No_LNAPL	0	2,310.79	2,310.79
BF-1	5/5/2006	2,375.38	64.9	No_LNAPL	0	2,310.48	2,310.48
BF-1	4/6/2007	2,375.38	64.72	No_LNAPL	0	2,310.66	2,310.66
BF-1	10/10/2007	2,375.38	64.68	No_LNAPL	0	2,310.70	2,310.70
BF-1	4/4/2008	2,375.38	64.77	No_LNAPL	0	2,310.61	2,310.61
BF-1	10/1/2008	2,375.38	64.87	No_LNAPL	0	2,310.51	2,310.51
BF-1	5/4/2012	2,375.38	66.3	No_LNAPL	0	2,309.08	2,309.08
BF-1	1/2/2013	2,375.38	66.33	No_LNAPL	0	2,309.05	2,309.05
BF-1	3/20/2013	2375.38	66.2	No_LNAPL	0	2,309.18	2,309.18
BF-1	7/28/2016	2375.38	66.4	No_LNAPL	0	2,308.98	2,308.98
BF-1	11/15/2017	2375.38	66.27	No_LNAPL	0	2,309.11	2,309.11
BF-3	3/25/2002	2,373.07	62.97	No_LNAPL	0	2,310.10	2,310.10
BF-3	6/5/2002	2,373.07	63.13	No_LNAPL	0	2,309.94	2,309.94
BF-3	03/11/2004	2,373.07	63.33	No_LNAPL	0	2,309.74	2,309.74
BF-3	05/04/2004	2,373.07	63.37	No_LNAPL	0	2,309.70	2,309.70
BF-3	2/2/2005	2,373.07	63.46	No_LNAPL	0	2,309.61	2,309.61
BF-3	5/4/2005	2,373.07	63.26	No_LNAPL	0	2,309.81	2,309.81
BF-3	12/1/2005	2,373.07	63.2	No_LNAPL	0	2,309.87	2,309.87
BF-3	5/5/2006	2,373.07	63.53	No_LNAPL	0	2,309.54	2,309.54
BF-3	4/5/2007	2,373.07	63.36	No_LNAPL	0	2,309.71	2,309.71
BF-3	10/9/2007	2,373.07	63.25	No_LNAPL	0	2,309.82	2,309.82
BF-3	4/3/2008	2,373.07	63.43	No_LNAPL	0	2,309.64	2,309.64
BF-3	9/30/2008	2,373.07	63.51	No_LNAPL	0	2,309.56	2,309.56
BF-3	5/3/2012	2,373.07	64.95	No_LNAPL	0	2,308.12	2,308.12
BF-3	1/2/2013	2,373.07	64.92	No_LNAPL	0	2,308.15	2,308.15
BF-3	3/19/2013	2373.07	64.77	No_LNAPL	0	2,308.30	2,308.30
BF-3	7/28/2016	2373.07	64.76	No_LNAPL	0	2,308.31	2,308.31
BF-3	11/15/2017	2373.07	64.86	No_LNAPL	0	2,308.21	2,308.21
MW-PD-1	3/25/2002	2,374.58	63.4	No_LNAPL	0	2,311.18	2,311.18
MW-PD-1	6/5/2002	2,374.58	63.59	No_LNAPL	0	2,310.99	2,310.99
MW-PD-1	03/10/2004	2,374.58	63.67	No_LNAPL	0	2,310.91	2,310.91
MW-PD-1	05/05/2004	2,374.58	63.84	No_LNAPL	0	2,310.74	2,310.74
MW-PD-1	2/2/2005	2,374.58	63.79	No_LNAPL	0	2,310.79	2,310.79
MW-PD-1	5/4/2005	2,374.58	63.65	No_LNAPL	0	2,310.93	2,310.93
MW-PD-1	12/5/2005	2,374.58	63.76	No_LNAPL	0	2,310.82	2,310.82
MW-PD-1	5/5/2006	2,374.58	64.05	No_LNAPL	0	2,310.53	2,310.53
MW-PD-1	4/6/2007	2,374.58	63.86	No_LNAPL	0	2,310.72	2,310.72
MW-PD-1	10/10/2007	2,374.58	63.81	No_LNAPL	0	2,310.77	2,310.77
MW-PD-1	4/4/2008	2,374.58	63.94	No_LNAPL	0	2,310.64	2,310.64
MW-PD-1	10/1/2008	2,374.58	64.06	No_LNAPL	0	2,310.52	2,310.52
MW-PD-1	5/4/2012	2,374.58	65.45	No_LNAPL	0	2,309.13	2,309.13
MW-PD-1	1/2/2013	2,374.58	65.49	No_LNAPL	0	2,309.09	2,309.09
MW-PD-1	3/26/2013	2374.58	65.38	No_LNAPL	0	2,309.20	2,309.20
MW-PD-1	7/28/2016	2374.58	65.58	No_LNAPL	0	2,309.00	2,309.00
MW-PD-1	11/15/2017	2374.58	65.4	No_LNAPL	0	2,309.18	2,309.18
MW-PD-2	3/25/2002	2,378.53	67.59	64.4	3.19	2,310.94	2,313.72
MW-PD-2	6/5/2002	2,378.53	67.81	64.42	3.39	2,310.72	2,313.67
MW-PD-2	03/15/2004	2,378.53	69.15	64.66	4.49	2,309.38	2,313.29
MW-PD-2	05/03/2004	2,378.53	69.12	64.71	4.41	2,309.41	2,313.25
MW-PD-2	1/31/2005	2,378.53	69.24	64.66	4.58	2,309.29	2,313.27

TABLE 2

SUMMARY OF WATER LEVEL MEASUREMENTS FOR GROUNDWATER WELLS

Well Identifier	Date	Measuring Point Elevation (ft amsl)	Depth to Water (ft bmp)	Depth to Product (ft bmp)	Product Thickness (ft)	Groundwater Elevation (ft amsl)	Adjusted Groundwater Elevation
MW-PD-2	5/2/2005	2,378.53	68.25	64.57	3.68	2,310.28	2,313.48
MW-PD-2	11/28/2005	2,378.53	68.37	64.54	3.83	2,310.16	2,313.49
MW-PD-2	5/1/2006	2,378.53	69.6	64.73	4.87	2,308.93	2,313.17
MW-PD-2	4/2/2007	2,378.53	68.71	64.58	4.13	2,309.82	2,313.41
MW-PD-2	4/11/2008	2,378.53	69.44	64.62	4.82	2,309.09	2,313.28
MW-PD-4	3/25/2002	2,399.43	80.69	80.55	0.14	2,318.74	2,318.86
MW-PD-4	6/5/2002	2,399.43	79.68	79.65	0.03	2,319.75	2,319.78
MW-PD-4	05/03/2004	2,399.43	82.51	80.66	1.85	2,316.92	2,318.53
MW-PD-4	1/31/2005	2,399.43	82.7	80.79	1.91	2,316.73	2,318.39
MW-PD-4	5/2/2005	2,399.43	80.97	80.8	0.17	2,318.46	2,318.61
MW-PD-4	11/28/2005	2,399.43	80.81	80.69	0.12	2,318.62	2,318.72
MW-PD-4	5/1/2006	2,399.43	81.18	80.86	0.32	2,318.25	2,318.53
MW-PD-4	4/2/2007	2,399.43	80.89	80.64	0.25	2,318.54	2,318.76
MW-PD-4	10/5/2007	2,399.43	81.03	80.71	0.32	2,318.40	2,318.68
MW-PD-4	3/31/2008	2,399.43	80.89	80.63	0.26	2,318.54	2,318.77
MW-PD-4	9/25/2008	2,399.43	81.15	80.74	0.41	2,318.28	2,318.64
MW-PD-4	5/10/2012	2,399.43	81.95	81.69	0.26	2,317.48	2,317.71
MW-PD-4	1/2/2013	2,399.43	82.02	81.9	0.12	2,317.41	2,317.51
MW-PD-4	3/26/2013	2399.43	82.24	81.93	0.31	2,317.19	2,317.46
MW-PD-5	3/25/2002	2,396.25	79.25	No_LNAPL	0	2,317.00	2,317.00
MW-PD-5	6/5/2002	2,396.25	79.36	No_LNAPL	0	2,316.89	2,316.89
MW-PD-5	03/10/2004	2,396.25	79.18	No_LNAPL	0	2,317.07	2,317.07
MW-PD-5	05/05/2004	2,396.25	79.71	No_LNAPL	0	2,316.54	2,316.54
MW-PD-5	2/1/2005	2,396.25	79.94	No_LNAPL	0	2,316.31	2,316.31
MW-PD-5	5/4/2005	2,396.25	79.77	No_LNAPL	0	2,316.48	2,316.48
MW-PD-5	12/2/2005	2,396.25	79.53	No_LNAPL	0	2,316.72	2,316.72
MW-PD-5	5/2/2006	2,396.25	79.7	No_LNAPL	0	2,316.55	2,316.55
MW-PD-5	4/2/2007	2,396.25	79.7	No_LNAPL	0	2,316.55	2,316.55
MW-PD-5	10/5/2007	2,396.25	79.61	No_LNAPL	0	2,316.64	2,316.64
MW-PD-5	4/1/2008	2,396.25	79.53	No_LNAPL	0	2,316.72	2,316.72
MW-PD-5	9/25/2008	2,396.25	79.63	No_LNAPL	0	2,316.62	2,316.62
MW-PD-5	5/1/2012	2,396.25	80.77	No_LNAPL	0	2,315.48	2,315.48
MW-PD-5	1/2/2013	2,396.25	80.89	No_LNAPL	0	2,315.36	2,315.36
MW-PD-5	3/18/2013	2396.25	80.84	No_LNAPL	0	2,315.41	2,315.41
MW-PD-5	7/28/2016	2396.25	80.91	No_LNAPL	0	2,315.34	2,315.34
MW-PD-5	11/15/2017	2396.25	80.66	No_LNAPL	0	2,315.59	2,315.59
MW-PD-6	3/25/2002	2,385.17	73	68.85	4.15	2,312.17	2,315.78
MW-PD-6	6/5/2002	2,385.17	72.83	68.96	3.87	2,312.34	2,315.71
MW-PD-6	03/15/2004	2,385.17	73.55	69.48	4.07	2,311.62	2,315.16
MW-PD-6	05/06/2004	2,385.17	72.42	69.41	3.01	2,312.75	2,315.37
MW-PD-6	2/7/2005	2,385.17	72.58	69.54	3.04	2,312.59	2,315.23
MW-PD-6	5/6/2005	2,385.17	72.34	69.38	2.96	2,312.83	2,315.41
MW-PD-6	12/7/2005	2,385.17	70.36	69.47	0.89	2,314.81	2,315.58
MW-PD-6	5/9/2006	2,385.17	70.7	69.72	0.98	2,314.47	2,315.32
MW-PD-6	4/9/2007	2,385.17	70.5	69.52	0.98	2,314.67	2,315.52
MW-PD-6	10/23/2007	2,385.17	70.4	69.5	0.9	2,314.77	2,315.55
MW-PD-6	4/7/2008	2,385.17	70.48	69.6	0.88	2,314.69	2,315.46
MW-PD-6	10/22/2008	2,385.17	74.2	72.1	2.1	2,310.97	2,312.80
MW-PD-6	5/9/2012	2,385.17	71.41	71	0.41	2,313.76	2,314.12
MW-PD-6	11/12/2012	2,385.17	71.62	71.20	0.42	2,313.55	2,313.92
MW-PD-6	1/2/2013	2,385.17	71.69	71.25	0.44	2,313.48	2,313.86
MW-PD-6	3/26/2013	2385.17	71.72	71.27	0.45	2,313.45	2,313.84
MW-PD-6	7/28/2016	2385.17	71.6	71.46	0.14	2,313.57	2,313.69
MW-PD-6	11/15/2017	2385.17	71.18	71.17	0.01	2,313.99	2,314.00
MW-PD-7	3/25/2002	2,384.44	69.21	No_LNAPL	0	2,315.23	2,315.23
MW-PD-7	6/5/2002	2,384.44	69.35	No_LNAPL	0	2,315.09	2,315.09
MW-PD-7	03/12/2004	2,384.44	69.60	69.53	0.07	2,314.84	2,314.90
MW-PD-7	05/06/2004	2,384.44	69.81	69.61	0.20	2,314.63	2,314.80
MW-PD-7	2/4/2005	2,384.44	69.93	69.78	0.15	2,314.51	2,314.64
MW-PD-7	5/5/2005	2,384.44	69.72	69.58	0.14	2,314.72	2,314.84
MW-PD-7	12/7/2005	2,384.44	69.23	69.21	0.02	2,315.21	2,315.23
MW-PD-7	5/8/2006	2,384.44	69.83	69.68	0.15	2,314.61	2,314.74
MW-PD-7	4/9/2007	2,384.44	69.93	69.54	0.39	2,314.51	2,314.85
MW-PD-7	10/23/2007	2,384.44	69.3	68.98	0.32	2,315.14	2,315.42
MW-PD-7	4/7/2008	2,384.44	69.78	69.4	0.38	2,314.66	2,314.99
MW-PD-7	10/2/2008	2,384.44	69.28	No_LNAPL	0	2,315.16	2,315.16
MW-PD-7	5/8/2012	2,384.44	71.07	70.77	0.3	2,313.37	2,313.63

TABLE 2

SUMMARY OF WATER LEVEL MEASUREMENTS FOR GROUNDWATER WELLS

Well Identifier	Date	Measuring Point Elevation (ft amsl)	Depth to Water (ft bmp)	Depth to Product (ft bmp)	Product Thickness (ft)	Groundwater Elevation (ft amsl)	Adjusted Groundwater Elevation
MW-PD-7	1/2/2013	2,384.44	71.24	69.95	1.29	2,313.20	2,314.32
MW-PD-7	3/26/2013	2384.44	71.28	71	0.28	2,313.16	2,313.40
MW-PD-7	7/28/2016	2384.44	71.26	71.18	0.08	2,313.18	2,313.25
MW-PD-7	11/15/2017	2384.44	71.04	71	0.04	2,313.40	2,313.43
MW-PD-11	11/15/2017	2403.34	85.15	No_LNAPL	0	2,318.19	2,318.19
MW-PD-12	3/25/2002	2,386.40	72.75	71.54	1.21	2,313.65	2,314.70
MW-PD-12	6/5/2002	2,386.40	72.76	71.56	1.2	2,313.64	2,314.68
MW-PD-12	05/03/2004	2,386.40	75.03	71.58	3.45	2,311.37	2,314.37
MW-PD-12	1/31/2005	2,386.40	76.06	71.6	4.46	2,310.34	2,314.22
MW-PD-12	5/2/2005	2,386.40	75.99	71.39	4.6	2,310.41	2,314.41
MW-PD-12	11/28/2005	2,386.40	75.85	71.3	4.55	2,310.55	2,314.51
MW-PD-12	5/1/2006	2,386.40	76.27	71.47	4.8	2,310.13	2,314.31
MW-PD-12	4/2/2007	2,386.40	76.68	71.08	5.6	2,309.72	2,314.59
MW-PD-12	10/5/2007	2,386.40	76.7	71.24	5.46	2,309.70	2,314.45
MW-PD-12	3/31/2008	2,386.40	76.77	71.36	5.41	2,309.63	2,314.34
MW-PD-12	9/25/2008	2,386.40	76.78	71.46	5.32	2,309.62	2,314.25
MW-PD-12	5/11/2012	2,386.40	79.66	72.64	7.02	2,306.74	2,312.85
MW-PD-12	1/2/2013	2,386.40	NM	NM	NM	NM	NM
MW-PD-12	3/26/2013	2386.4	79.75	72.86	6.89	2,306.65	2,312.64
MW-PD-12	7/28/2016	2386.4	80.29	73.02	7.27	2,306.11	2,312.43
MW-PD-12	11/15/2017	2386.4	79.57	72.14	7.43	2,306.83	2,313.29
MW-PD-13	5/2/2005	2,371.36	62.17	No_LNAPL	0	2,309.19	2,309.19
MW-PD-13	12/20/2005	2,371.36	62.13	No_LNAPL	0	2,309.23	2,309.23
MW-PD-13	6/12/2006	2,371.36	62.57	No_LNAPL	0	2,308.79	2,308.79
MW-PD-13	5/11/2007	2,371.36	62.35	No_LNAPL	0	2,309.01	2,309.01
MW-PD-13	10/26/2007	2,371.36	62	No_LNAPL	0	2,309.36	2,309.36
MW-PD-13	5/9/2008	2,371.36	62.38	No_LNAPL	0	2,308.98	2,308.98
MW-PD-13	10/29/2008	2,371.36	62.24	No_LNAPL	0	2,309.12	2,309.12
MW-PD-13	5/2/2012	2,371.36	64.04	No_LNAPL	0	2,307.32	2,307.32
MW-PD-13	1/2/2013	2,371.36	63.92	No_LNAPL	0	2,307.44	2,307.44
MW-PD-13	3/26/2013	2371.36	63.68	No_LNAPL	0	2,307.68	2,307.68
MW-PD-14	3/25/2002	2,376.21	63.54	No_LNAPL	0	2,312.67	2,312.67
MW-PD-14	6/5/2002	2,376.21	63.71	No_LNAPL	0	2,312.50	2,312.50
MW-PD-14	03/10/2004	2,376.21	64.00	No_LNAPL	0	2,312.21	2,312.21
MW-PD-14	05/04/2004	2,376.21	64.03	No_LNAPL	0	2,312.18	2,312.18
MW-PD-14	2/3/2005	2,376.21	63.92	No_LNAPL	0	2,312.29	2,312.29
MW-PD-14	5/5/2005	2,376.21	63.71	No_LNAPL	0	2,312.50	2,312.50
MW-PD-14	12/6/2005	2,376.21	63.82	No_LNAPL	0	2,312.39	2,312.39
MW-PD-14	5/8/2006	2,376.21	64.18	No_LNAPL	0	2,312.03	2,312.03
MW-PD-14	5/2/2007	2,376.21	65.7	63.8	1.9	2,310.51	2,312.16
MW-PD-14	10/24/2007	2,376.21	65.63	63.64	1.99	2,310.58	2,312.31
MW-PD-14	4/9/2008	2,376.21	65.68	63.8	1.88	2,310.53	2,312.17
MW-PD-14	10/02/2008	2,376.21	65.35	63.91	1.44	2,310.86	2,312.11
MW-PD-14	10/3/2008	2,376.21	65.35	63.91	1.44	2,310.86	2,312.11
MW-PD-15	3/25/2002	2,368.54	59.7	58.4	1.3	2,308.84	2,309.97
MW-PD-15	6/5/2002	2,368.54	60.11	58.51	1.6	2,308.43	2,309.82
MW-PD-15	03/15/2004	2,368.54	59.90	58.79	1.11	2,308.64	2,309.61
MW-PD-15	05/07/2004	2,368.54	60.60	58.80	1.80	2,307.94	2,309.51
MW-PD-15	2/7/2005	2,368.54	59.92	58.89	1.03	2,308.62	2,309.52
MW-PD-15	5/6/2005	2,368.54	59.02	58.87	0.15	2,309.52	2,309.65
MW-PD-15	12/7/2005	2,368.54	58.95	58.82	0.13	2,309.59	2,309.70
MW-PD-15	5/10/2006	2,368.54	59.34	59.17	0.17	2,309.20	2,309.35
MW-PD-15	4/10/2007	2,368.54	59.8	58.85	0.95	2,308.74	2,309.57
MW-PD-15	10/24/2007	2,368.54	59.2	58.72	0.48	2,309.34	2,309.76
MW-PD-15	4/8/2008	2,368.54	59.61	58.9	0.71	2,308.93	2,309.55
MW-PD-15	10/2/2008	2,368.54	59.59	58.95	0.64	2,308.95	2,309.51
MW-PD-15	10/03/2008	2,368.54	59.59	58.95	0.64	2,308.95	2,309.51
MW-PD-15	5/10/2012	2,368.54	61.45	60.37	1.08	2,307.09	2,308.03
MW-PD-15	1/2/2013	2,368.54	61.39	60.45	0.94	2,307.15	2,307.97
MW-PD-15	3/26/2013	2368.54	61.01	60.31	0.7	2,307.53	2,308.14
MW-PD-15	7/28/2016	2368.54	61.07	60.65	0.42	2,307.47	2,307.84
MW-PD-15	11/15/2017	2368.54	60.8	60.58	0.22	2,307.74	2,307.93
MW-PD-16	3/25/2002	2,377.52	67.51	66.17	1.34	2,310.01	2,311.18
MW-PD-16	6/5/2002	2,377.52	67.82	66.35	1.47	2,309.70	2,310.98
MW-PD-16	05/03/2004	2,377.52	68.60	66.56	2.04	2,308.92	2,310.69
MW-PD-16	1/31/2005	2,377.52	68.64	66.59	2.05	2,308.88	2,310.66
MW-PD-16	5/2/2005	2,377.52	68.32	66.41	1.91	2,309.20	2,310.86

TABLE 2

SUMMARY OF WATER LEVEL MEASUREMENTS FOR GROUNDWATER WELLS

Well Identifier	Date	Measuring Point Elevation (ft amsl)	Depth to Water (ft bmp)	Depth to Product (ft bmp)	Product Thickness (ft)	Groundwater Elevation (ft amsl)	Adjusted Groundwater Elevation
MW-PD-16	11/28/2005	2,377.52	67.23	66.5	0.73	2,310.29	2,310.93
MW-PD-16	5/1/2006	2,377.52	67.5	66.82	0.68	2,310.02	2,310.61
MW-PD-16	4/2/2007	2,377.52	67.25	66.52	0.73	2,310.27	2,310.91
MW-PD-16	10/26/2007	2,377.52	67.01	66.47	0.54	2,310.51	2,310.98
MW-PD-16	3/31/2008	2,377.52	67.47	66.66	0.81	2,310.05	2,310.75
MW-PD-16	5/15/2012	2,377.52	68.99	68.37	0.62	2,308.53	2,309.07
MW-PD-16	1/2/2013	2,377.52	NM	NM	NM	NM	NM
MW-PD-17	3/25/2002	2,380.30	65.9	No_LNAPL	0	2,314.40	2,314.40
MW-PD-17	6/5/2002	2,380.30	66	No_LNAPL	0	2,314.30	2,314.30
MW-PD-17	03/09/2004	2,380.30	66.25	No_LNAPL	0	2,314.05	2,314.05
MW-PD-17	05/05/2004	2,380.30	66.30	No_LNAPL	0	2,314.00	2,314.00
MW-PD-17	2/1/2005	2,380.30	66.4	No_LNAPL	0	2,313.90	2,313.90
MW-PD-17	5/3/2005	2,380.30	66.19	No_LNAPL	0	2,314.11	2,314.11
MW-PD-17	12/1/2005	2,380.30	66.02	No_LNAPL	0	2,314.28	2,314.28
MW-PD-17	5/2/2006	2,380.30	66.38	No_LNAPL	0	2,313.92	2,313.92
MW-PD-17	4/2/2007	2,380.30	66.25	No_LNAPL	0	2,314.05	2,314.05
MW-PD-17	10/5/2007	2,380.30	66.13	No_LNAPL	0	2,314.17	2,314.17
MW-PD-17	4/7/2008	2,380.30	66.22	No_LNAPL	0	2,314.08	2,314.08
MW-PD-17	9/25/2008	2,380.30	66.26	No_LNAPL	0	2,314.04	2,314.04
MW-PD-18	11/15/2017	2378.49	69.77	68.4	1.37	2,308.72	2,309.91
MW-PD-20	11/15/2017	2391.787	76.96	No_LNAPL	0	2,314.83	2,314.83
MW-PD-21	11/15/2017	2383.583	70.49	No_LNAPL	0	2,313.09	2,313.09
MW-PD-22	11/15/2017	2373.029	62.68	No_LNAPL	0	2,310.35	2,310.35
MW-PD-23	11/15/2017	2375.74	67.57	No_LNAPL	0	2,308.17	2,308.17
MW-PD-25	11/15/2017	2395.78	78.23	No_LNAPL	0	2,317.55	2,317.55
MW-PD-26	11/15/2017	2401.803	82.66	No_LNAPL	0	2,319.14	2,319.14
MW-PD-27	11/15/2017	2390.483	76.79	No_LNAPL	0	2,313.69	2,313.69
MW-PD-28	11/15/2017	2383.076	70.13	No_LNAPL	0	2,312.95	2,312.95
MW-PD-29	5/3/2005	2,379.60	66.58	No_LNAPL	0	2,313.02	2,313.02
MW-PD-29	12/2/2005	2,379.60	66.44	No_LNAPL	0	2,313.16	2,313.16
MW-PD-29	5/2/2006	2,379.60	66.8	No_LNAPL	0	2,312.80	2,312.80
MW-PD-29	4/3/2007	2,379.60	66.7	No_LNAPL	0	2,312.90	2,312.90
MW-PD-29	10/8/2007	2,379.60	66.68	No_LNAPL	0	2,312.92	2,312.92
MW-PD-29	4/1/2008	2,379.60	66.7	No_LNAPL	0	2,312.90	2,312.90
MW-PD-29	9/26/2008	2,379.60	66.75	No_LNAPL	0	2,312.85	2,312.85
MW-PD-29	5/3/2012	2,379.60	67.9	No_LNAPL	0	2,311.70	2,311.70
MW-PD-29	1/2/2013	2,379.60	67.93	No_LNAPL	0	2,311.67	2,311.67
MW-PD-29	3/26/2013	2,379.60	67.95	No_LNAPL	0	2,311.65	2,311.65
MW-PD-29	7/28/2016	2,379.60	68.09	No_LNAPL	0	2,311.51	2,311.51
MW-PD-29	11/15/2017	2,379.60	68	No_LNAPL	0	2,311.60	2,311.60
MW-PD-30	5/2/2005	2,375.24	67.22	No_LNAPL	0	2,308.02	2,308.02
MW-PD-30	12/2/2005	2,375.24	67.06	No_LNAPL	0	2,308.18	2,308.18
MW-PD-30	5/4/2006	2,375.24	67.35	No_LNAPL	0	2,307.89	2,307.89
MW-PD-30	4/5/2007	2,375.24	67.25	No_LNAPL	0	2,307.99	2,307.99
MW-PD-30	10/9/2007	2,375.24	67.19	No_LNAPL	0	2,308.05	2,308.05
MW-PD-30	4/3/2008	2,375.24	67.3	No_LNAPL	0	2,307.94	2,307.94
MW-PD-30	9/30/2008	2,375.24	67.34	No_LNAPL	0	2,307.90	2,307.90
MW-PD-30	5/4/2012	2,375.24	68.85	No_LNAPL	0	2,306.39	2,306.39
MW-PD-30	1/2/2013	2,375.24	68.86	No_LNAPL	0	2,306.38	2,306.38
MW-PD-30	3/20/2013	2,375.24	68.66	No_LNAPL	0	2,306.58	2,306.58
MW-PD-30	7/28/2016	2,375.24	68.85	No_LNAPL	0	2,306.39	2,306.39
MW-PD-30	11/15/2017	2,375.24	68.84	No_LNAPL	0	2,306.40	2,306.40
MW-PD-31	5/2/2005	2,364.61	57.63	No_LNAPL	0	2,306.98	2,306.98
MW-PD-31	12/5/2005	2,364.61	57.45	No_LNAPL	0	2,307.16	2,307.16
MW-PD-31	5/5/2006	2,364.61	57.86	No_LNAPL	0	2,306.75	2,306.75
MW-PD-31	4/5/2007	2,364.61	57.56	No_LNAPL	0	2,307.05	2,307.05
MW-PD-31	10/10/2007	2,364.61	56.97	No_LNAPL	0	2,307.64	2,307.64
MW-PD-31	4/3/2008	2,364.61	57.48	No_LNAPL	0	2,307.13	2,307.13
MW-PD-31	10/1/2008	2,364.61	57.24	No_LNAPL	0	2,307.37	2,307.37
MW-PD-31	5/2/2012	2,364.61	59.46	No_LNAPL	0	2,305.15	2,305.15
MW-PD-31	1/2/2013	2,364.61	59.18	No_LNAPL	0	2,305.43	2,305.43
MW-PD-31	3/26/2013	2,364.61	58.79	No_LNAPL	0	2,305.82	2,305.82
MW-PD-31	7/28/2016	2,364.61	59.31	No_LNAPL	0	2,305.30	2,305.30
MW-PD-31	11/15/2017	2,364.61	58.65	No_LNAPL	0	2,305.96	2,305.96
MW-PD-39	11/15/2017	2367.58	60.99	No_LNAPL	0	2,306.59	2,306.59
MW-PD-40	11/15/2017	2382.42	71.84	No_LNAPL	0	2,310.58	2,310.58
MW-PD-41	11/15/2017	2403.48	99.55	No_LNAPL	0	2,303.93	2,303.93

TABLE 2

SUMMARY OF WATER LEVEL MEASUREMENTS FOR GROUNDWATER WELLS

Well Identifier	Date	Measuring Point Elevation (ft amsl)	Depth to Water (ft bmp)	Depth to Product (ft bmp)	Product Thickness (ft)	Groundwater Elevation (ft amsl)	Adjusted Groundwater Elevation
MW-PD-42	11/15/2017	2404.8	97.06	No_LNAPL	0	2,307.74	2,307.74
MW-PD-43	11/15/2017	2413.16	90.95	No_LNAPL	0	2,322.21	2,322.21
YC-5	12/6/2005	2,377.20	64.72	No_LNAPL	0	2,312.48	2,312.48
YC-5	5/3/2006	2,377.20	65.04	No_LNAPL	0	2,312.16	2,312.16
YC-5	4/11/2007	2,377.20	66.4	64.69	1.71	2,310.80	2,312.29
YC-5	10/23/2007	2,377.20	66.31	64.56	1.75	2,310.89	2,312.41
YC-5	4/7/2008	2,377.20	66.41	64.67	1.74	2,310.79	2,312.30
YC-5	04/08/2008	2,377.20	66.09	63.10	2.99	2,311.11	2,313.71
YC-5	10/2/2008	2,377.20	64.85	64.8	0.05	2,312.35	2,312.39
YC-5	5/8/2012	2,377.20	67.37	66.09	1.28	2,309.83	2,310.94
YC-5	11/12/2012	2,377.20	67.36	66.34	1.02	2,309.84	2,310.73
YC-5	1/2/2013	2,377.20	67.36	66.29	1.07	2,309.84	2,310.77
YC-5	01/02/2013	2,377.20	67.39	66.29	1.10	2,309.81	2,310.77
YC-5	3/21/2013	2,377.20	66.67	66.35	0.32	2,310.53	2,310.81
YC-5	9/5/2013	2,377.20	66.71	No_LNAPL	0	2,310.49	2,310.49
YC-5	3/4/2014	2,377.20	66.85	No_LNAPL	0	2,310.35	2,310.35
YC-5	6/4/2014	2,377.20	66.8	No_LNAPL	0	2,310.40	2,310.40
YC-5	8/5/2014	2,377.20	66.6	No_LNAPL	0	2,310.60	2,310.60
YC-5	7/28/2016	2377.2	66.68	66.54	0.14	2,310.52	2,310.64
YC-5	11/15/2017	2377.2	66.5	66.39	0.11	2,310.70	2,310.80
YC-6	5/10/2006	2,374.64	65.97	63.32	2.65	2,308.67	2,310.98
YC-6	4/10/2007	2,374.64	65.85	63.1	2.75	2,308.79	2,311.18
YC-6	10/24/2007	2,374.64	65.63	63.02	2.61	2,309.01	2,311.28
YC-6	4/8/2008	2,374.64	66.09	63.1	2.99	2,308.55	2,311.15
YC-6	10/2/2008	2,374.64	65.95	63.22	2.73	2,308.69	2,311.07
YC-6	5/7/2012	2,374.64	66.57	64.68	1.89	2,308.07	2,309.71
YC-6	11/12/2012	2,374.64	66.15	64.85	1.30	2,308.49	2,309.62
YC-6	1/2/2013	2,374.64	66.22	64.91	1.31	2,308.42	2,309.56
YC-6	3/26/2013	2374.64	65.37	64.85	0.52	2,309.27	2,309.72
YC-6	9/5/2013	2374.64	65.38	No_LNAPL	0	2,309.26	2,309.26
YC-6	3/4/2014	2374.64	65.48	No_LNAPL	0	2,309.16	2,309.16
YC-6	6/4/2014	2374.64	65.34	No_LNAPL	0	2,309.30	2,309.30
YC-6	8/5/2014	2374.64	65.03	No_LNAPL	0	2,309.61	2,309.61
YC-6	7/28/2016	2374.64	66	65.05	0.95	2,308.64	2,309.47
YC-6	11/15/2017	2374.64	65.67	64.87	0.8	2,308.97	2,309.67
REGIONAL AQUIFER MONITOR WELLS							
7AZR-1	6/5/2002	2,378.23	170.5	No_LNAPL	0	2,207.73	2,207.73
7AZR-1	03/11/2004	2,378.23	174.10	No_LNAPL	0	2,204.13	2,204.13
7AZR-1	05/10/2004	2,378.23	173.95	No_LNAPL	0	2,204.28	2,204.28
7AZR-1	2/3/2005	2,378.23	174.09	No_LNAPL	0	2,204.14	2,204.14
7AZR-1	5/3/2005	2,378.23	174.08	No_LNAPL	0	2,204.15	2,204.15
7AZR-1	12/1/2005	2,378.23	173.74	No_LNAPL	0	2,204.49	2,204.49
7AZR-1	5/3/2006	2,378.23	174.1	No_LNAPL	0	2,204.13	2,204.13
7AZR-1	4/4/2007	2,378.23	173.5	No_LNAPL	0	2,204.73	2,204.73
7AZR-1	10/11/2007	2,378.23	174.51	No_LNAPL	0	2,203.72	2,203.72
7AZR-1	4/10/2008	2,378.23	174.75	No_LNAPL	0	2,203.48	2,203.48
7AZR-1	08/29/2008	2,378.23	174.30	No_LNAPL	0	2,203.93	2,203.93
7AZR-1	10/24/2008	2,378.23	174.5	No_LNAPL	0	2,203.73	2,203.73
7AZR-1	5/14/2012	2,378.23	174.27	No_LNAPL	0	2,203.96	2,203.96
7AZR-1	1/2/2013	2,378.23	174.06	No_LNAPL	0	2,204.17	2,204.17
7AZR-1	1/3/2013	2,378.23	174.05	No_LNAPL	0	2,204.18	2,204.18
7AZR-1	1/15/2013	2,378.23	174.25	No_LNAPL	0	2,203.98	2,203.98
7AZR-1	3/26/2013	2378.23	173.76	No_LNAPL	0	2,204.47	2,204.47
7AZR-1	1/19/2015	2378.23	171.88	No_LNAPL	0	2,206.35	2,206.35
7AZR-1	7/28/2016	2378.23	168.93	No_LNAPL	0	2,209.30	2,209.30
7AZR-1	11/15/2017	2378.23	166.74	No_LNAPL	0	2,211.49	2,211.49
7AZR-2	4/4/2007	2,379.54	175.85	No_LNAPL	0	2,203.69	2,203.69
7AZR-2	10/11/2007	2,379.54	176.85	No_LNAPL	0	2,202.69	2,202.69
7AZR-2	4/10/2008	2,379.54	177.05	No_LNAPL	0	2,202.49	2,202.49
7AZR-2	08/29/2008	2,379.54	176.64	No_LNAPL	0	2,202.90	2,202.90
7AZR-2	10/24/2008	2,379.54	176.89	No_LNAPL	0	2,202.65	2,202.65
7AZR-2	5/14/2012	2,379.54	176.91	No_LNAPL	0	2,202.63	2,202.63
7AZR-2	1/2/2013	2,379.54	176.86	No_LNAPL	0	2,202.68	2,202.68
7AZR-2	1/3/2013	2,379.54	176.82	No_LNAPL	0	2,202.72	2,202.72
7AZR-2	1/15/2013	2,379.54	176.9	No_LNAPL	0	2,202.64	2,202.64
7AZR-2	3/26/2013	2379.54	176.61	No_LNAPL	0	2,202.93	2,202.93
7AZR-2	1/19/2015	2379.54	174.59	No_LNAPL	0	2,204.95	2,204.95

TABLE 2

SUMMARY OF WATER LEVEL MEASUREMENTS FOR GROUNDWATER WELLS

Well Identifier	Date	Measuring Point Elevation (ft amsl)	Depth to Water (ft bmp)	Depth to Product (ft bmp)	Product Thickness (ft)	Groundwater Elevation (ft amsl)	Adjusted Groundwater Elevation
7AZR-2	7/28/2016	2379.54	171.94	No_LNAPL	0	2,207.60	2,207.60
7AZR-2	11/15/2017	2379.54	169.88	No_LNAPL	0	2,209.66	2,209.66
7AZR-3	11/9/2012	2,374.78	170.78	No_LNAPL	0	2,204.00	2,204.00
7AZR-3	1/2/2013	2,374.78	171.05	No_LNAPL	0	2,203.73	2,203.73
7AZR-3	1/3/2013	2,374.78	171.04	No_LNAPL	0	2,203.74	2,203.74
7AZR-3	1/15/2013	2,374.78	171.15	No_LNAPL	0	2,203.63	2,203.63
7AZR-3	3/26/2013	2374.78	170.86	No_LNAPL	0	2,203.92	2,203.92
7AZR-3	1/19/2015	2374.78	169.93	No_LNAPL	0	2,204.85	2,204.85
7AZR-3	7/28/2016	2374.78	168.52	No_LNAPL	0	2,206.26	2,206.26
7AZR-3	11/15/2017	2374.78	167.1	No_LNAPL	0	2,207.68	2,207.68
7AZR-4	1/19/2015	2390.3	185.27	No_LNAPL	0	2,205.03	2,205.03
7AZR-4	7/28/2016	2390.3	183.94	No_LNAPL	0	2,206.36	2,206.36
7AZR-4	11/15/2017	2390.3	182.33	No_LNAPL	0	2,207.97	2,207.97
MW-PD-19	3/25/2002	2,378.21	167.73	No_LNAPL	0	2,210.48	2,210.48
MW-PD-19	6/5/2002	2,378.21	167.96	No_LNAPL	0	2,210.25	2,210.25
MW-PD-19	03/11/2004	2,378.21	172.00	No_LNAPL	0	2,206.21	2,206.21
MW-PD-19	05/10/2004	2,378.21	171.90	No_LNAPL	0	2,206.31	2,206.31
MW-PD-19	2/3/2005	2,378.21	172.03	No_LNAPL	0	2,206.18	2,206.18
MW-PD-19	5/3/2005	2,378.21	172.2	No_LNAPL	0	2,206.01	2,206.01
MW-PD-19	12/1/2005	2,378.21	171.93	No_LNAPL	0	2,206.28	2,206.28
MW-PD-19	5/4/2006	2,378.21	172.4	No_LNAPL	0	2,205.81	2,205.81
MW-PD-19	4/4/2007	2,378.21	171.95	No_LNAPL	0	2,206.26	2,206.26
MW-PD-19	10/11/2007	2,378.21	172.96	No_LNAPL	0	2,205.25	2,205.25
MW-PD-19	4/10/2008	2,378.21	173.2	No_LNAPL	0	2,205.01	2,205.01
MW-PD-19	08/29/2008	2,378.21	172.79	No_LNAPL	0	2,205.42	2,205.42
MW-PD-19	10/24/2008	2,378.21	172.93	No_LNAPL	0	2,205.28	2,205.28

NOTES:

(1) = Measurement inconsistent with other measurements. Assumed to be error in measurement.
ft = Feet
amsl = Above mean sea level
bmp = Below measuring point
LNAPL = Light nonaqueous phase liquid
NM = Not measured

HARGIS+ASSOCIATES, INC.

TABLE 3

SUMMARY OF DETECTED VOLATILE ORGANIC COMPOUNDS IN PERCHED GROUNDWATER

Well Identifier	Depth to Water (ft bmp)	Screen Interval (ft bgs)	PDB Set Depth (ft bgs)	Sample Date	Tetrachloroethene	Trichloroethene	cis-1,2-Dichloroethene	Methyl tert-butyl ether	1,2-Dichloroethane	Chloroform	Bromodichloromethane	Bromoform	Chlorodibromomethane	Dichlorodifluoromethane	Hexachlorobutadiene	Naphthalene	trans-1,2-Dichloroethene
7AZP-1	67.18	60 - 85	76.2	11/30/2017	3.3	< 2.0	0.39 J	0.55 J	< 2.0	< 2.0	< 2.0	< 5.0	< 2.0	< 5.0	< 5.0	< 5.0	< 2.0
7AZP-5	64.85	65 - 85	75.2	11/30/2017	0.72 J	0.74 J	0.31 J	< 1.0	< 2.0	< 2.0	< 2.0	< 5.0	< 2.0	< 5.0	< 5.0	< 5.0	< 2.0
7AZP-6	83.68	65 - 95	89.1	11/30/2017	6.3	0.63 J	0.27 J	< 1.0	< 2.0	< 2.0	< 2.0	< 5.0	< 2.0	< 5.0	< 5.0	< 5.0	< 2.0
7AZP-9	84.93	70 - 90	87.5	11/30/2017	22	1.8 J	< 2.0	< 1.0	< 2.0	< 2.0	< 2.0	< 5.0	< 2.0	< 5.0	< 5.0	< 5.0	< 2.0
7AZP-11	77.77	70 - 90	83.7	11/30/2017	2.2	0.46 J	< 2.0	0.23 J	< 2.0	< 2.0	< 2.0	< 5.0	< 2.0	< 5.0	< 5.0	< 5.0	< 2.0
7AZP-13	79.39	65 - 85	82.1	11/30/2017	< 2.0	< 2.0	< 2.0	< 1.0	< 2.0	0.64 J	< 2.0	< 5.0	< 2.0	< 5.0	< 5.0	< 5.0	< 2.0
7AZP-15	74.03	67 - 87	80.7	11/30/2017	< 2.0	< 2.0	< 2.0	< 1.0	< 2.0	< 2.0	< 2.0	< 5.0	< 2.0	< 5.0	0.37 J	0.54 J	< 2.0
7AZP-19	84.66	79.8 - 94.8	89.8	1/24/2018	1300	3.5	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	< 0.50	< 1.0	< 2.5	< 0.50
7AZP-20	86.01	80 - 95	90.3	11/30/2017	0.32 J	< 2.0	< 2.0	1.7	< 2.0	< 2.0	< 2.0	< 5.0	< 2.0	1.9 J	< 5.0	< 5.0	< 2.0
BF-1	66.27	50.5 - 80.5	73.1	11/30/2017	6.1	1.1 J	5.2	0.33 J	< 2.0	< 2.0	< 2.0	0.97 J	< 2.0	< 5.0	< 5.0	< 5.0	0.48 J
BF-3	64.86	50 - 75	69.3	11/30/2017	0.62 J	1.1 J	0.48 J	< 1.0	< 2.0	< 2.0	< 2.0	< 5.0	< 2.0	< 5.0	< 5.0	< 5.0	< 2.0
MW-PD-5	80.66	66 - 86	83.3	11/30/2017	< 2.0	< 2.0	< 2.0	< 1.0	4.1	< 2.0	< 2.0	< 5.0	< 2.0	< 5.0	< 5.0	< 5.0	< 2.0
MW-PD-25	78.23	70 - 95	86.7	11/30/2017	< 2.0	< 2.0	< 2.0	< 1.0	5.2	< 2.0	< 2.0	< 5.0	< 2.0	< 5.0	< 5.0	< 5.0	< 2.0
MW-PD-26	82.66	73 - 98	90.8	11/30/2017	< 2.0	< 2.0	< 2.0	0.29 J	< 2.0	< 2.0	< 2.0	< 5.0	< 2.0	< 5.0	< 5.0	< 5.0	< 2.0
MW-PD-28	70.13	70 - 90	79.8	11/30/2017	< 2.0	< 2.0	< 2.0	< 1.0	< 2.0	< 2.0	< 2.0	< 5.0	< 2.0	< 5.0	< 5.0	< 5.0	< 2.0
MW-PD-29	68	59 - 89	78.5	11/30/2017	1.0 J	< 2.0	< 2.0	< 1.0	< 2.0	0.84 J	0.64 J	< 5.0	0.39 J	< 5.0	< 5.0	< 5.0	< 2.0
MW-PD-30	68.84	61 - 81	75.2	11/30/2017	25	2.0	1.1 J	< 1.0	< 2.0	< 2.0	< 2.0	< 5.0	< 2.0	< 5.0	< 5.0	< 5.0	< 2.0
MW-PD-40	71.84	60 - 80	74.7	1/24/2018	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	< 0.50	< 1.0	< 2.5	< 0.50
MW-PD-42	97.06	80 - 100	98.3	11/30/2017	< 2.0	< 2.0	0.46 J	< 1.0	< 2.0	< 2.0	< 2.0	< 5.0	< 2.0	< 5.0	< 5.0	< 5.0	< 2.0
MW-PD-43	90.95	84 - 104	97.4	11/30/2017	< 2.0	< 2.0	< 2.0	15	2.0	< 2.0	< 2.0	< 5.0	< 2.0	< 5.0	< 5.0	< 5.0	< 2.0
				Maximum Contaminant Levels	5	5	70	--	5	80*	80*	80*	80*	--	--	--	100
				Number of detections	11	8	7	6	3	2	1	1	1	1	1	1	1
				Prevalence	55%	40%	35%	30%	15%	10%	5%	5%	5%	5%	5%	5%	5%

NOTES:

Units in micrograms per liter
-- = Not applicable
< = Less than
bmp = Below measuring point
bgs = Below ground surface
ft = Feet
J = Concentration estimated. Analyte was detected below laboratory minimum reporting level (MRL) but above method detection level (MDL).
Detected at less than MCL
Detected above MCL
* = Total Trihalomethanes (bromodichloromethane, bromoform, dibromochloromethane, chloroform)
MCL = Maximum Contaminant Level

TABLE 4
SUMMARY OF DETECTED VOLATILE ORGANIC COMPOUNDS IN REGIONAL GROUNDWATER

Well Identifier	Depth to Water (ft bmp)	Screen Interval (ft bgs)	PDB Set Depth (ft bgs)	Sample Date	Tetrachloroethene	Trichloroethene	cis-1,2-Dichloroethene	Methyl tert-butyl ether	1,2-Dichloroethane	Chloroform	Bromodichloromethane	Bromoform	Chlorodibromomethane	Dichlorodifluoromethane	Hexachlorobutadiene	Naphthalene	trans-1,2-Dichloroethene
7AZR-1	166.74	133 - 195	181.1	11/30/2017	< 2.0	< 2.0	< 2.0	< 1.0	< 2.0	< 2.0	< 2.0	< 5.0	< 2.0	< 5.0	< 5.0	< 5.0	< 2.0
7AZR-2	169.88	165 - 205	187.9	11/30/2017	< 2.0	< 2.0	< 2.0	< 1.0	< 2.0	< 2.0	< 2.0	< 5.0	< 2.0	< 5.0	< 5.0	< 5.0	< 2.0
7AZR-3	167.1	160 - 205	183.7	11/30/2017	5.8	0.43 J	0.44 J	< 1.0	< 2.0	< 2.0	< 2.0	< 5.0	< 2.0	< 5.0	< 5.0	< 5.0	< 2.0
7AZR-4	182.33	160 - 200	190.9	11/30/2017	< 2.0	< 2.0	< 2.0	< 1.0	< 2.0	< 2.0	< 2.0	< 5.0	< 2.0	< 5.0	< 5.0	< 5.0	< 2.0
7AZR-3	167.1	160 - 205	169	1/24/2018	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	< 0.50	< 1.0	< 2.5	< 0.50
			175		0.74	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	< 0.50	< 1.0	< 2.5	< 0.50
			183.76		7.3	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	< 0.50	< 1.0	< 2.5	< 0.50
			192		7.2	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	< 0.50	< 1.0	< 2.5	< 0.50
			199		7.2	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50	< 0.50	< 1.0	< 2.5	< 0.50
			Maximum Contaminant Levels		5	5	70	--	5	80*	80*	80*	80*	--	--	--	100

NOTES:

Units in micrograms per liter
-- = Not applicable
< = Less than
bmp = Below measuring point
bgs = Below ground surface
ft = Feet
J = Concentration estimated. Analyte was detected below laboratory minimum reporting level (MRL) but above method detection level (MDL).
Detected at less than MCL
Detected above MCL
* = Total Trihalomethanes (bromodichloromethane, bromoform, dibromochloromethane, chloroform)
MCL = Maximum Contaminant Level

TABLE 5
SUMMARY OF DETECTED VOLATILE ORGANIC COMPOUNDS IN LNAPL

Well Identifier	Depth to LNAPL	Depth to Water (ft bmp)	LNAPL Thickness (ft)	Screen Interval (ft bgs)	Sample Date	Tetrachloroethene	Trichloroethene	cis-1,2-Dichloroethene	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Isopropylbenzene	Naphthalene	n-Butylbenzene	n-Propylbenzene	p-Isopropyltoluene	sec-Butylbenzene
7AZP-2	66.77	67.96	1.19	58.7-83.9	11/15/2017	81,000 J	49,000 J	< 240,000	63,000 J	19,000 J	< 240,000	520,000 J	61,000 J	< 240,000	26,000 J	25,000 J
7AZP-3	66.11	66.9	0.79	60-85	11/15/2017	< 250,000	25,000 J	< 250,000	45,000 J	< 250,000	< 250,000	320,000 J	48,000 J	< 250,000	< 250,000	19,000 J
7AZP-4	66.35	67.77	1.42	60-85	11/15/2017	< 250,000	< 250,000	69,000 J	130,000 J	25,000 J	31,000 J	1,100,000	190,000 J	48,000 J	72,000 J	100,000 J
MW-PD-12	72.14	79.57	7.43	65.5-85.5	11/15/2017	< 240,000	< 240,000	< 240,000	190,000 J	35,000 J	37,000 J	650,000	130,000 J	63,000 J	57,000 J	83,000 J
MW-PD-15	60.58	60.8	0.22	51-76	11/15/2017	< 250,000	< 250,000	< 250,000	< 250,000	< 250,000	35,000 J	90,000 J	73,000 J	< 250,000	< 250,000	150,000 J
MW-PD-18	68.4	69.77	1.37	57.5-52.5	11/15/2017	< 99,000	< 99,000	< 99,000	< 99,000	< 99,000	17,000 J	340,000	67,000 J	23,000 J	9,900 J	71,000 J
YC-5	66.39	66.5	0.11	55-80	11/15/2017	64,000 J	< 100,000	< 100,000	43,000 J	< 100,000	< 100,000	160,000 J	26,000 J	< 100,000	21,000 J	26,000 J
YC-6	64.87	65.67	0.8	55-80	11/15/2017	< 100,000	< 100,000	< 100,000	22,000 J	11,000 J	< 100,000	380,000	44,000 J	170,000 J	< 100,000	11,000 J

NOTES:
LNAPL = Light nonaqueous phase liquid
Units in micrograms per liter
< = Less than
bmp = Below measuring point
bgs = Below ground surface
ft = Feet
J = Concentration estimated. Analyte was detected below laboratory minimum reporting level (MRL) but above method detection level (MDL).
Detected

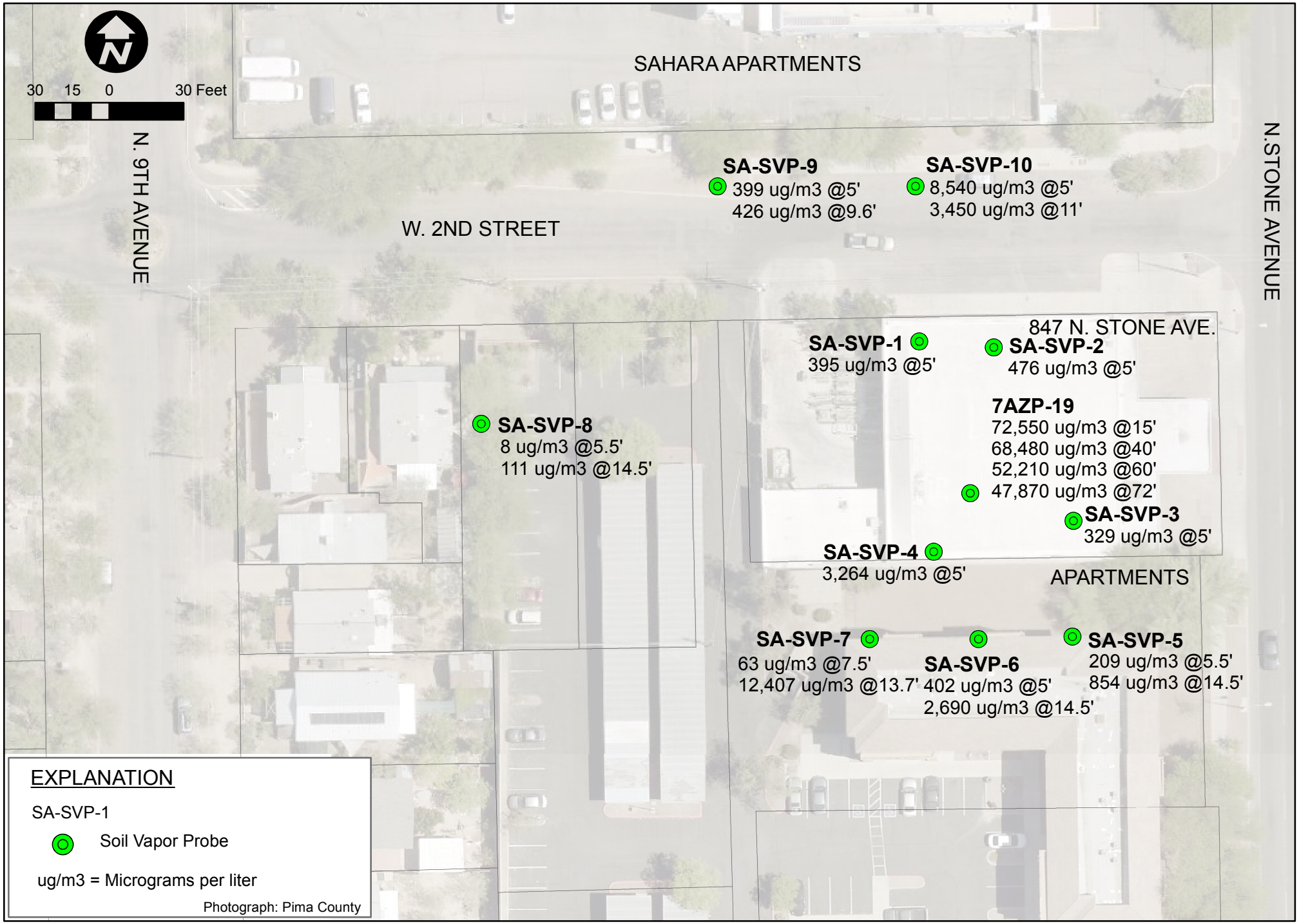

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FIGURE 5 - TETRACHLOROETHENE IN SOIL VAPOR - JUNE 2018