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March 1, 2016

Mr. Richard Olm, P.E.
Arizona Department of Environmental Quality
Hazardous Waste Permits Unit
1110 West Washington Street
Phoenix, Arizona 85007



Re: 2015 Annual Monitoring Report
Arizona Hazardous Waste Management Act Permit AZD 980 814 479
Universal Propulsion Company, Inc.
Phoenix, Arizona 85085

Dear Mr. Olm:

The Universal Propulsion Company, Inc. (UPCO) is submitting the attached 2015 Annual Monitoring Report. The attached progress report was prepared by Arcadis U.S., Inc. at the direction of UPCO pursuant to Part IV, Section D.2 of the Arizona Hazardous Waste Act Permit for the UPCO Facility, ID No. AZD 980 814 479.

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision according to a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based upon my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.



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Please contact me at 704.423.7071 if you have any questions or need additional information.

Sincerely,

A handwritten signature in black ink that appears to read "Bruce C. Amig".

Bruce C. Amig
Manager, Remedial Programs



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Brad Johnston, SCS Engineers
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UTC Aerospace Systems
United Technologies Corporation

2015 ANNUAL MONITORING REPORT

Former Universal Propulsion Company, Inc. Facility
Phoenix, Arizona

March 1, 2016



2015 ANNUAL MONITORING REPORT



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2015 ANNUAL MONITORING REPORT

Former Universal Propulsion Company, Inc.
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03994018.0010

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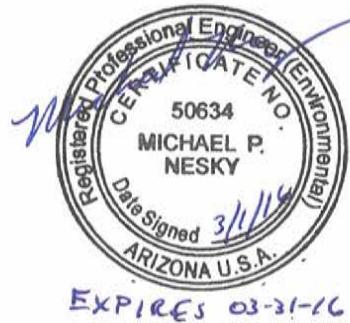
March 1, 2016

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2015 ANNUAL MONITORING REPORT

VERSION CONTROL

Issue	Revision No	Date Issued	Page No	Description	Reviewed by



CONTENTS

Version Control.....	ii
Acronyms and Abbreviations	viii
1 Introduction	1-1
1.1 Report Summary	1-1
1.2 Site Description	1-2
2 Monitoring Network	2-2
2.1 UPCO Wells	2-3
2.2 Private Domestic Wells.....	2-3
2.3 Soil Vapor Monitoring Well	2-4
3 Monitoring Activities	3-4
3.1 Historical Groundwater Investigation Activities	3-4
3.1.1 Monitoring Wells.....	3-5
3.1.2 Facility Monitoring Locations.....	3-5
3.1.3 Private Domestic Wells	3-5
3.1.4 Soil Vapor Monitoring Well	3-5
3.2 2015 Groundwater Monitoring	3-5

2015 ANNUAL MONITORING REPORT

3.2.1 Water Level Measurements	3-5
3.2.2 UPCO Well Sampling.....	3-6
3.2.3 Private Well Sampling	3-6
3.2.4 Soil Vapor Monitoring Well Sampling	3-6
3.3 Investigation-Derived Waste.....	3-7
4 Data Evaluation.....	4-7
4.1 Groundwater Level Measurements.....	4-7
4.2 Groundwater Quality Data	4-8
4.2.1 Perchlorate.....	4-8
4.2.2 Total Metals.....	4-9
4.2.3 VOCs and 1,4-Dioxane	4-9
4.3 Soil Vapor Quality Data	4-10
5 Quality Assurance and Data Verification	5-10
6 Summary and Future Monitoring Activities.....	6-11
7 References.....	7-12

2015 ANNUAL MONITORING REPORT

TABLES

- Table 1 UPCO Well Information
- Table 2 Private Well Information
- Table 3 UPCO Wells Sampled and Analyses Performed in 2015
- Table 4 2015 UPCO Well Water Levels
- Table 5 Private Wells Sampled and Analyses Performed in 2015
- Table 6 2015 UPCO Well Perchlorate Results
- Table 7 2015 Private Well Perchlorate Results
- Table 8 2015 Soil Vapor Monitoring Well Results

FIGURES

- Figure 1 Site Location Map
- Figure 2 Site Facility Map
- Figure 3 Site Monitoring Well Locations
- Figure 4 Groundwater Elevations January 19, 2015
- Figure 5 Groundwater Elevations February 25, 2015
- Figure 6 Groundwater Elevations March 16, 2015

2015 ANNUAL MONITORING REPORT

- Figure 7 Groundwater Elevations April 13, 2015
- Figure 8 Groundwater Elevations May 23, 2015
- Figure 9 Groundwater Elevations June 15, 2015
- Figure 10 Groundwater Elevations July 13, 2015
- Figure 11 Groundwater Elevations August 31, 2015
- Figure 12 Groundwater Elevations September 30, 2015
- Figure 13 Groundwater Elevations October 26, 2015
- Figure 14 Groundwater Elevations November 25, 2015
- Figure 15 Groundwater Elevations December 10, 2015
- Figure 16 Perchlorate Concentrations in Groundwater First Quarter 2015
- Figure 17 Perchlorate Concentrations in Groundwater Second Quarter 2015
- Figure 18 Perchlorate Concentrations in Groundwater Third Quarter 2015
- Figure 19 Perchlorate Concentrations in Groundwater Fourth Quarter 2015

APPENDICES

- A Historical UPCO Well Perchlorate Concentrations and Plots
- B IDW Management Summary

2015 ANNUAL MONITORING REPORT

- C Historical Water Level Data
- D UPCO Well Hydrographs
- E 2015 UPCO Well Water Quality Data
- F Historical Private Well Perchlorate Data
- G 2015 Field Data Summary
- H 2015 Data Verification Summaries (on CD located on back cover)
- I 2015 Laboratory Reports (on CD located on back cover)

ACRONYMS AND ABBREVIATIONS

Arcadis	Arcadis U.S., Inc.
ASLD	Arizona State Land Department
AWQS	Arizona Aquifer Water Quality Standard
AZ HWMA	Arizona Hazardous Waste Management Act
COPC	constituent of potential concern
1,1-DCA	1,1-dichloroethane
1,1-DCE	1,1-dichloroethylene or 1,1-dichloroethene
DQO	data quality objective
GWMP	Groundwater Monitoring Work Plan
H+A	Hargis + Associates, Inc.
IDW	investigation-derived waste
LES	Liquid Environmental Solutions
µg/L	micrograms per liter
Order	Consent Order No. P-136-04
POE	point of entry
QAPP	Quality Assurance Project Plan

2015 ANNUAL MONITORING REPORT

QC	quality control
UPCO	Universal Propulsion Company, Inc.
USEPA	U.S. Environmental Protection Agency
VOC	volatile organic compound

1 INTRODUCTION

1.1 Report Summary

This Annual Monitoring Report (report) summarizes the monitoring activities conducted in 2015 at the former Universal Propulsion Company, Inc. (UPCO) facility located at 25401 North Central Avenue in Phoenix, Arizona (site). This report is part of a continuing overall site characterization for soil and groundwater pursuant to Part I of the Arizona Hazardous Waste Management Act (AZ HWMA) permit.

This report is supported by the Quality Assurance Project Plan (QAPP; Hargis + Associates, Inc. [H+A] 2004a), the Updated Groundwater Monitoring Work Plan (GWMP; Arcadis U.S., Inc. [Arcadis] 2012a), and the QAPP Addendum (Arcadis 2012b). This report consists of the following:

- Site description
- Summary of previous groundwater investigations
- Summary of 2015 monitoring activities
- List of wells that were sampled, including sample dates and analyses performed
- Data evaluation and verification
- Table of water level measurements including well identification, date and time of measurement, depth to water below measuring point, and groundwater elevation above mean sea level
- Table of analytical data
- Hydrographs for the site wells
- Maps of groundwater elevation data
- Trend graphs of perchlorate concentrations for the site wells
- Investigation-derived waste (IDW) documentation

- Copies of laboratory reports and data verification summaries.

1.2 Site Description

The UPCO operations ceased during the fourth quarter of 2009, and demolition was completed in January 2010. The site is located approximately 2 miles north of the Deer Valley Airport in Phoenix, Arizona (Figure 1). Specifically, the facility was located at the intersection of Central Avenue and Happy Valley Road at 25401 North Central Avenue. The site is within the southeast quadrant of Section 5, Township 4 North, Range 3 East of the Gila and Salt River Baseline and Meridian. The UPCO operations were located on approximately 160 acres of land leased from the State of Arizona and consisted of numerous manufacturing and administrative buildings (Figure 2). A chain-link fence surrounds the former manufacturing areas and restricts general access. Locks secure each gate and well vault to limit access and deter vandalism.

2 MONITORING NETWORK

The following types of wells were utilized for the monitoring program in 2015:

- UPCO monitoring wells, planned remediation wells, and an original facility production well
- Private domestic wells
- A nested soil vapor monitoring well.

The primary objective of groundwater monitoring is to obtain data to assess groundwater conditions at and near the former UPCO facility. The study area for monitoring in 2015 included the site, private residences along the northern property boundary, and areas approximately ½ mile to the west, south, and east of the property boundary.

The original objective of soil vapor monitoring was to monitor the vertical distribution of constituents of potential concern (COPCs) in soil gas beneath the suspected volatile organic compound (VOC) source area in the former B-Complex area (Figure 2). As explained in Section

6.0, UPCO will request that soil vapor monitoring at the site be discontinued because VOCs have consistently been measured at low concentrations within the nested soil vapor monitoring well.

2.1 UPCO Wells

The locations of the UPCO monitoring wells are shown on Figure 3. Table 1 includes a summary of the locations and well construction details for UPCO monitoring wells, planned remediation wells, and original facility production well PW-1. Additional information regarding drilling and well construction details for the UPCO wells was provided under separate cover in the following reports:

- Phase I Monitoring Well Construction Summary Report (H+A 2004b)
- Phase II Monitoring Well Installation Report (Malcolm Pirnie 2005)
- Phase III Monitoring Well Installation Report (Malcolm Pirnie 2006)
- Final Remedial Investigation Report (Arcadis 2011a)
- Final 2009 Annual Monitoring Report (Malcolm Pirnie 2010)
- Final 2010 Annual Monitoring Report (Arcadis 2011b)
- Final 2011 Annual Monitoring Report (Arcadis 2012c)
- Final 2012 Annual Monitoring Report (Arcadis 2013a)
- Final 2014 Annual Monitoring Report (Arcadis 2015)

2.2 Private Domestic Wells

In 2004, UPCO began collecting groundwater samples from private wells located along Yearling Road in accordance with Consent Order (Order) No. P-136-04. The Order specified that UPCO collect semiannual groundwater samples from private wells located along Yearling Road north of the site for perchlorate analysis for a period of two years. UPCO voluntarily extended the semiannual private well sampling program beyond the first 2 years, collecting groundwater

samples from various private wells according to owner requests and authorization. That Order was terminated and replaced with conditions in the AZ HWMA permit; AZ HWMA Permit Condition III.C.1 requires semiannual private well sampling. Table 2 summarizes available locations and well construction details for private wells that are currently included in the monitoring program. The locations of the private wells are shown on Figure 3.

2.3 Soil Vapor Monitoring Well

In 2008, UPCO began collecting soil gas samples from a nested soil vapor monitoring well (SVMW-1) in the former B-Complex area. The nested SVMW is used to monitor for potential vertical migration of VOCs in soil vapor. The location of SVMW-1 is shown on Figure 3. Table 1 includes a summary of screened intervals for SVMW-1. Additional information regarding drilling and well construction details for the soil vapor monitoring well was provided under separate cover in the Final Remedial Investigation Report (Arcadis 2011a).

3 MONITORING ACTIVITIES

3.1 Historical Groundwater Investigation Activities

Previous groundwater investigation activities from 2004 through 2014 are summarized below. Additional information regarding previous activities was provided under separate cover in the following reports:

- Final Remedial Investigation Report (Arcadis 2011a)
- Final 2010 Annual Monitoring Report (Arcadis 2011b)
- Final 2011 Annual Monitoring Report (Arcadis 2012c)
- Final 2012 Annual Monitoring Report (Arcadis 2013a)
- Final 2013 Annual Monitoring Report (Arcadis 2014)
- Final 2014 Annual Monitoring Report (Arcadis 2015)

3.1.1 Monitoring Wells

AZ HWMA Permit Condition Part IV.C.9 specifies a groundwater cleanup goal of 14 micrograms per liter ($\mu\text{g}/\text{L}$) for perchlorate. The laboratory reporting limit for perchlorate using United States Environmental Protection Agency (USEPA) Method 314.0 increased from 2.0 $\mu\text{g}/\text{L}$ to 3.0 $\mu\text{g}/\text{L}$ in 2013 due to a change in laboratory.

Only monitoring wells MW-1, MW-2, MW-5, MW-6, MW-13, MW-19, and MW-20 have had historical perchlorate concentrations greater than the groundwater cleanup goal of 14 $\mu\text{g}/\text{L}$ (Appendix A).

3.1.2 Facility Monitoring Locations

The UPCO facility production well (PW-1) and former point of entry (POE) to the potable water system were sampled periodically as part of Maricopa County requirements for water service providers from 2004 through 2009. Sampling at PW-1 resumed in the first quarter of 2011. Perchlorate concentrations at PW-1 and POE have never exceeded the groundwater cleanup goal of 14 $\mu\text{g}/\text{L}$ (Appendix A).

3.1.3 Private Domestic Wells

Between 2004 and 2015, perchlorate has been detected by USEPA Method 332.0 in samples collected from the private domestic wells at concentrations up to 3.1 $\mu\text{g}/\text{L}$.

3.1.4 Soil Vapor Monitoring Well

Since 2008, only low levels of VOCs have been detected in each well screen interval.

3.2 2015 Groundwater Monitoring

3.2.1 Water Level Measurements

In accordance with the Updated GWMP (Arcadis 2012a), groundwater elevation measurements were collected on a monthly basis from January to December 2015. Depth to water was

2015 ANNUAL MONITORING REPORT

measured to the nearest 0.01 foot with respect to a surveyed measurement point at the top of each well using a decontaminated electronic sounding device.

3.2.2 UPCO Well Sampling

Sampling activities occurred during all four quarters of 2015. Project-specific sampling procedures outlined in the Updated GWMP (Arcadis 2012a) and industry standard methods were used. During 2015, groundwater samples were collected from UPCO groundwater monitoring wells MW-1 through MW-22 and PW-1, as outlined in the Final 2013 Annual Monitoring Report (Arcadis 2014). A list of UPCO wells sampled in 2015, including dates and analyses performed, is provided in Table 3. Water level data collected in 2015 are presented in Table 4.

3.2.3 Private Well Sampling

Private wells incorporated into the groundwater monitoring program were sampled using existing dedicated submersible pumps. Groundwater samples were collected in the first and third quarters of 2015. Sampling of private wells depends on property access from the property owners and the presence of water in the wells; several private wells pump dry. Therefore, samples were obtained contingent upon availability. A list of private wells sampled in 2015, including dates and analyses performed is included in Table 5.

3.2.4 Soil Vapor Monitoring Well Sampling

Soil vapor monitoring well SVMW-1 was sampled during the first quarter of 2015 from each nested interval. A vacuum pump was used to purge approximately three well volumes at a flow rate of less than 1 cubic foot per minute. A 1-liter Summa canister fitted with a dedicated 1-liter-per-minute flow restrictor was used at each sample interval for time-integrated sample collection. As explained in Section 6.0, UPCO will request that soil vapor monitoring at the site be discontinued because VOCs have consistently been measured at low concentrations within the nested soil vapor monitoring well.

3.3 Investigation-Derived Waste

Groundwater monitoring and well installation activities in 2015 generated purge water that was managed as IDW. Purge water was temporarily stored on site in poly tanks. IDW was transported off site by MP Environmental for disposal at Liquid Environmental Solutions (LES) or Stericycle in Phoenix, Arizona. Purge water with perchlorate concentrations less than 100 µg/L was transported to LES, and purge water with perchlorate concentrations greater than 100 µg/L (i.e., purge water from MW-19 and MW-20) was transported to Stericycle for final transport to/disposal at US Ecology in Beatty, Nevada. In 2015, 25,705 gallons of non-hazardous purge water were disposed of at LES or Heritage Environmental Services. Documentation for the handling of this IDW stream during 2015 is provided in Appendix B.

4 DATA EVALUATION

4.1 Groundwater Level Measurements

Groundwater elevations have been monitored at and near the UPCO facility to evaluate potential gradients. These measurements have been collected on a regular basis at UPCO site-wide wells and private wells located near the north property boundary at 218 East Yearling Road and 520 East Yearling Road using electronic water level equipment. Well locations are shown on Figure 3.

Historical depth to groundwater measurements and groundwater elevations for site wells are summarized in Appendix C. Historical hydrographs are presented in Appendix D. Groundwater elevation maps are provided on Figures 4 through 15.

Based on analysis of site geology and available hydrogeologic information, groundwater underlying the site occurs within two distinct zones, separated by one or possibly several associated subsurface geologic structures (Arcadis 2011a). Wells completed in bedrock at the site exhibit groundwater elevations approximately 30 feet lower than wells completed in the

consolidated sedimentary unit on the west side of the site (Figures 4 through 15). The difference in groundwater elevation and depth to bedrock between the two zones is potentially an additional line of evidence for faulting along the western side of the site (Arcadis 2011a).

Overall, groundwater elevations across the site are relatively stable or decreasing. The groundwater gradient on site in the areas of the former complexes is very flat and represents a groundwater divide between localized northward flow at the north end of the property and the regional southward flow in this area of the basin (Figures 4 through 15).

4.2 Groundwater Quality Data

The following sections discuss the results of groundwater quality monitoring performed in 2015. The 2015 water quality analytical data for the UPCO wells are summarized in Appendix E. Perchlorate results are provided in Table 6 for the UPCO wells and in Table 7 for the private wells. A table presenting historical perchlorate data for the private wells is provided in Appendix F. Perchlorate concentration trend plots and historical data for the UPCO wells are presented in Appendix A. Field parameter data collected during the 2015 sampling events are provided in Appendix G. Figures 16 through 19 present perchlorate concentration maps for the first, second, third, and fourth quarters of 2015, respectively.

4.2.1 Perchlorate

Concentrations of perchlorate measured during 2015 were consistent with results collected in previous years, and concentrations of perchlorate in site monitoring wells are generally stable or decreasing (Appendix A). During the 2015 monitoring period, perchlorate was detected in monitoring wells MW-1, MW-2, MW-5, MW-13, MW-19, and MW-20, at concentrations exceeding the groundwater cleanup goal of 14 µg/L. During the 2015 monitoring period, all perchlorate concentrations measured in samples collected from private wells were less than the groundwater cleanup goal of 14 µg/L.

2015 ANNUAL MONITORING REPORT

Concentrations of perchlorate above the groundwater cleanup goal of 14 µg/L were measured most recently within the area estimated to be approximately 300 feet wide and approximately 2,200 feet long, which extends from the vicinity of IW-1 along the central-eastern property boundary to the vicinity of MW-1 at the southern property boundary (Figure 19). The highest concentrations of perchlorate in groundwater were measured in wells located within the former C-Complex and former D-Complex, particularly within the former Waterbore Area. Concentrations of perchlorate in groundwater measured in wells outside of these areas are lower than the groundwater cleanup goal of 14 µg/L. Concentrations are well-defined near the northern property boundary and were less than the laboratory reporting limit of 3.0 µg/L during 2015. The plume is stable, with perchlorate concentrations in the majority of wells either stable or decreasing (Appendix A).

4.2.2 Total Metals

Total Resource Conservation and Recovery Act metals (arsenic, barium, cadmium, chromium, lead, mercury, selenium, and silver) were measured in UPCO monitoring wells according to the Updated GWMP (Arcadis 2012a). Results are presented in Appendix E. Concentrations of all metals were less than the applicable Arizona Aquifer Water Quality Standards (AWQS), with the exception of arsenic measured in MW-18. The AWQS for total arsenic is 50 µg/L. Total arsenic concentrations in MW-18 were 58.2 µg/L and 43.2 µg/L in the first and third quarters of 2015, respectively.

4.2.3 VOCs and 1,4-Dioxane

Three VOCs were detected at low levels during groundwater sampling activities in 2015 including 1,1-dichloroethane (1,1-DCA), 1,1-dichloroethylene (1,1-DCE), cis-1,2-dichloroethylene, (Appendix E). Concentrations of VOCs were less than the applicable AWQS.

1,4-Dioxane was detected at low levels in samples collected from MW-2, MW-20, PW-1, at concentrations up to 11.2 µg/L (Appendix E). An AWQS has not been established for 1,4-dioxane.

4.3 Soil Vapor Quality Data

Soil gas samples were collected from soil vapor monitoring well SVMW-1. The primary COPC, 1,1-DCE was detected at concentrations up to 9,900 parts per billion by volume. Other VOCs detected in the soil gas samples, at lower concentrations, included 1,1-DCA, 2-butanone, acetone, butane, ethanol, tetrachloroethene, toluene, and trichloroethene. Analytical results for soil gas samples are provided in Table 8.

5 QUALITY ASSURANCE AND DATA VERIFICATION

Analytical data provided by the laboratories were subjected to data review for quality control/quality assurance. A summary of the data verification is presented in Appendix H. Copies of the analytical data reports are provided in Appendix I.

Groundwater monitoring activities followed the quality assurance procedures outlined in the QAPP (H+A 2004a) and QAPP Addendum (Arcadis 2012b). The project-specific QAPP establishes procedures and guidance for the following:

- Data quality objectives (DQOs)
- Sample documentation and custody
- Sample container requirements
- Quality control (QC) procedures
- Quality assurance management including data management and data verification/validation procedures

Samples were collected and submitted to the laboratory in a manner that provided data representative of site conditions. Laboratory analyses were conducted according to analytical methods described in USEPA guidance manuals. Field QC samples included field duplicates and trip blanks. Laboratory QC samples included method blanks, laboratory control samples, and matrix spike/matrix spike duplicate samples.

Laboratory deliverables consist of Level II data packages (including a QC summary). Data reported by the laboratory have been verified to meet the DQOs. The results were considered usable for the intended purposes, and the project DQOs specified in the QAPP (H+A 2004a) and the QAPP Addendum (Arcadis 2012b) were met.

6 SUMMARY AND FUTURE MONITORING ACTIVITIES

The 2015 monitoring program was conducted in accordance with the procedures and methods outlined in the Updated GWMP (Arcadis 2012a). UPCO revised the monitoring program in 2010 to include the quarterly monitoring requirements for groundwater monitoring well MW-18 and planned monitoring wells MW-16, MW-17, and MW-19. These changes were incorporated in the Updated GWMP (Arcadis 2012a). UPCO revised the monitoring program again in 2012 to include the quarterly monitoring requirements for groundwater monitoring wells MW-20 and MW-21. These changes were also incorporated in the Updated GWMP (Arcadis 2012a). The former production well, PW-1, was converted to a monitoring well in September 2011 and will continue to be utilized for site-wide monitoring. Private domestic wells will continue to be monitored on a semiannual basis, in the first and third quarters of 2016.

The proposed 2016 sampling and analysis schedule will be provided under separate cover. Based on data trends measured and reported to date, some of the existing monitoring requirements are unnecessary to successfully monitor the site. UPCO will submit a proposed sampling and analysis schedule for Arizona Department of Environmental Quality review and approval that will include adjustments to monitoring frequencies and a reduced list of analytes to be tested. The revised schedule will include brief justifications for all proposed adjustments to the monitoring and analysis program. UPCO will request that soil vapor monitoring at the site be discontinued because VOCs have consistently been measured at low concentrations within the nested soil vapor monitoring well.

7 REFERENCES

- Arcadis U.S., Inc. (Arcadis). 2011a. Final Remedial Investigation Report, Universal Propulsion Company, Inc. June.
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2015 ANNUAL MONITORING REPORT

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Malcolm Pirnie. 2010. Final 2009 Annual Monitoring Report, Universal Propulsion Company, Inc. December 21.

TABLES

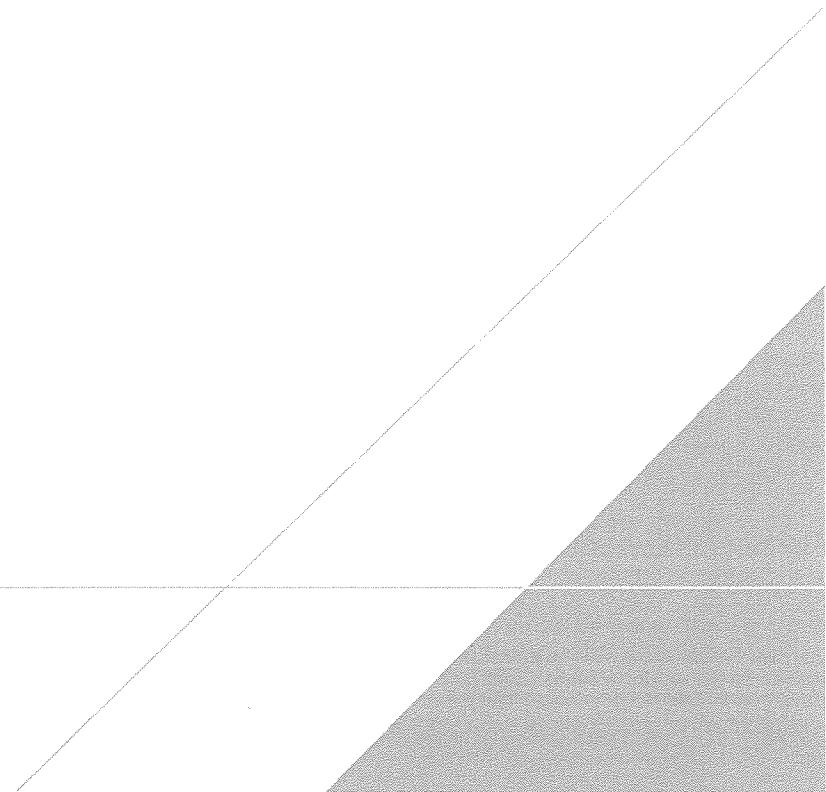


Table 1
 UPCO Well Information
 2015 Annual Monitoring Report - March 2016
 Former Universal Propulsion Company, Inc. Facility
 Phoenix, Arizona

Well ID	Easting	Northing	ADWR Number	Total Casing Depth (feet bgs)	Screened Interval (feet bgs)	Measuring Point Elevation (feet amsl)
MW-1	653227.14	987065.13	55-201495	240	190-240	1560.43
MW-2	653289.68	987649.25	55-201494	250	200-250	1571.22
MW-3	652625.62	988671.09	55-204197	271	221-271	1583.59
MW-4	654284.93	988971.85	55-204196	300	245-295	1620.34
MW-5	653971.17	988127.33	55-204195	285	230-280	1594.08
MW-6	652259.53	987361.63	55-204194	210	155-205	1551.65
MW-7	652125.72	986534.14	55-205001	210	155-205	1541.35
MW-8	653422.61	986160.23	55-205002	235	180-230	1542.18
MW-9	654356.82	986138.65	55-901548	255	200-250	1565.60
MW-10	651342.65	987055.87	55-901549	205	150-200	1536.11
MW-11	654182.70	987795.50	55-903736	315	260-310	1606.14
MW-12	653210.97	987117.21	55-903737	480	450-480	1560.91
MW-13	654137.59	988274.92	55-217221	490.5	440-490	1599.52
MW-14	653239.01	989362.53	55-217222	500	445-495	1602.48
MW-15	653225.43	989314.03	55-217223	325	270-320	1600.48
MW-16	652624.02	988727.69	55-913047	500	445-495	1585.36
MW-17	652108.14	987746.04	55-913046	260	205-255	1560.72
MW-18	652551.52	986026.10	55-911047	230	175-225	1533.53
MW-19	654123.16	988257.79	55-913045	305	250-300	1599.51
MW-20	653603.36	987861.04	55-914005	290	235-285	1580.87
MW-21	653452.17	987298.28	55-914006	270	215-265	1565.28
MW-22	653986.82	988397.29	55-222509	280	210-280	1598.46
PW-1	652363.12	987457.36	55-500290	500	420-480	1554.46
EW-1	654072.86	988197.93	55-222510	300	250-300	1594.88
EW-2	653202.70	987087.51	55-222511	305	210-305	1560.92
IW-1	654207.54	988310.57	55-222512	335	250-335	1595.52
IW-2	653918.36	988425.16	55-222513	285	210-285	1593.68
IW-3	653358.52	987678.13	55-222514	255	180-255	1568.96
RW-1	654327.57	988477.20	55-223676	340	265-340	1605.41
RW-2	654020.89	988671.20	55-223677	332	252-332	1605.31
SVMW-1	652901.10	987613.08	55-909947	200	30-40 90-100 140-150 190-200	NA

Notes:

Coordinates are expressed in North American Datum 83 State Plane Arizona Central (international feet).

ADWR = Arizona Department of Water Resources

amsl = above mean sea level

bgs = below ground surface

NA = not applicable

Table 2
Private Well Information
2015 Annual Monitoring Report - March 2016
Former Universal Propulsion Company, Inc. Facility
Phoenix, Arizona

Address	ADWR Well Registration ID	Well Use	Date Installed	Well Depth (feet)	Measuring Point Elevation (feet amsl)
604-616 E. Yearling	55-568440	Domestic	NA	NA	NA
520 E. Yearling	NA	Domestic	NA	NA	1635.71
424 E. Yearling	NA	Domestic	NA	NA	NA
412 E. Yearling	NA	Domestic	NA	NA	NA
218 E. Yearling	55-207497 ^a	Domestic	2/28/2006	415	1617.01
204 E. Yearling	55-550038	Domestic	8/17/1995	415	NA
104 E. Yearling	55-537512	Domestic	12/15/1992	200	NA
18 E. Yearling	55-212662	Domestic	5/14/2007	520	1596.79
16 E. Yearling	55-578534	Domestic	1/26/2000	738	NA
25903 N. 2nd Street	NA	Domestic	NA	NA	NA
25825 N. 1st Place	55-557685	Domestic	7/22/1996	495	NA
8 W. Yearling	55-205738	Domestic	12/2/2005	260	NA
106 W. Yearling	55-583418	Domestic	NA	NA	NA
122 W. Yearling	NA	Domestic	NA	NA	NA

Notes:

^a = Replacement well installed in 2006.

ADWR = Arizona Department of Water Resources

amsl = above mean sea level

NA = Not available or corresponding ADWR registry number could not be identified with the current owner or address.

Table 3
UPCO Monitor Wells Sampled and Analyses Performed in 2015
2015 Annual Monitoring Report - March 2016
Former Universal Propulsion Company, Inc. Facility
Phoenix, Arizona

Sample ID	Date	Laboratory ID	Metals			Perchlorate		Organic Compounds		General Chemistry											
			USEPA 200.7	USEPA 200.8	USEPA 245.1	USEPA 314.0	USEPA 332.0	USEPA 8260B	USEPA 8260B-SIM	USEPA 300.0	SM18 2320B	SM18 2510B	SM18 2540C	SM18 2540D	SM18 4500 NH3F	SM18 4500 NH3F/G	SM18 4500H+B	SM18 4500PE	SM18 5310C	SM18 5310C	SM5310 C-00
MW-1	1/28/2015	C38289-8	X	X	X	X	-	X	X	-	-	X	-	-	-	-	-	-	-	-	
	4/15/2015	C39430-5	-	-	-	X	-	-	-	-	-	X	-	-	-	-	-	-	-	-	
	7/23/2015	C40942-18	-	-	-	X	-	X	X	-	-	X	-	-	-	-	-	-	-	-	
	10/14/2015	C42339-4	-	-	-	X	-	-	-	-	-	X	-	-	-	-	-	-	-	-	
MW-2	1/28/2015	C38289-10	X	X	X	X	-	X	X	-	-	X	-	-	-	-	-	-	-	-	
	4/15/2015	C39430-6	-	-	-	X	-	-	-	-	-	X	-	-	-	-	-	-	-	-	
	7/24/2015	C40942-20	X	X	-	X	-	X	X	-	-	X	-	-	-	-	-	-	-	-	
	10/15/2015	C42339-7	-	-	-	X	-	-	-	-	-	X	-	-	-	-	-	-	-	-	
MW-3	1/22/2015	C38219-6 440-99934-7	X	X	X	X	X	X	X	-	-	X	-	-	-	-	-	-	-	-	
	7/21/2015	C40942-7 440-116272-11	-	-	-	X	X	-	-	-	-	X	-	-	-	-	-	-	-	-	
MW-4	1/21/2015	C38219-3 440-99937-3	X	X	X	X	X	X	X	-	-	X	-	-	-	-	-	-	-	-	
	7/21/2015	C40942-4 440-116272-5	-	-	-	X	X	-	-	-	-	X	-	-	-	-	-	-	-	-	
MW-5	1/28/2015	C38289-6	X	X	X	X	-	X	X	-	-	X	-	-	-	-	-	-	-	-	
	4/15/2015	C39430-4	-	-	-	X	-	-	-	-	-	X	-	-	-	-	-	-	-	-	
	7/23/2015	C40942-17	-	-	-	X	-	-	-	-	-	X	-	-	-	-	-	-	-	-	
	10/14/2015	C42339-3	-	-	-	X	-	-	-	-	-	X	-	-	-	-	-	-	-	-	
MW-6	1/30/2015	C38303-2A	X	X	X	X	-	X	X	-	-	X	-	-	-	-	-	-	-	-	
	4/15/2015	C39430-3	-	-	-	X	-	-	-	-	-	X	-	-	-	-	-	-	-	-	
	7/21/2015	C40942-9 440-116272-13	X	X	-	X	X	-	-	-	-	X	-	-	-	-	-	-	-	-	
	10/15/2015	C42339-6 440-124693-6	-	-	-	X	X	-	-	-	-	X	-	-	-	-	-	-	-	-	
MW-7	1/21/2015	C38219-2 440-99937-2	X	X	X	X	X	X	X	-	-	X	-	-	-	-	-	-	-	-	
	7/17/2015	C40942-1 440-116272-2	-	-	-	X	X	-	-	-	-	X	-	-	-	-	-	-	-	-	
MW-8	1/27/2015	C38289-5 440-100314-5	X	X	X	X	X	X	X	-	-	X	-	-	-	-	-	-	-	-	
	7/21/2015	C40942-6 440-116272-10	-	-	X	X	X	-	-	-	-	X	-	-	-	-	-	-	-	-	
MW-9	1/23/2015	C38219-8 440-99937-9	X	X	X	X	X	X	X	-	-	X	-	-	-	-	-	-	-	-	
	7/22/2015	C40942-11 440-116272-15	-	-	-	X	X	-	-	-	-	X	-	-	-	-	-	-	-	-	

Table 3
UPCO Monitor Wells Sampled and Analyses Performed in 2015
2015 Annual Monitoring Report - March 2016
Former Universal Propulsion Company, Inc. Facility
Phoenix, Arizona

Sample ID	Date	Laboratory ID	Metals			Perchlorate		Organic Compounds		General Chemistry										
			USEPA 200.7	USEPA 200.8	USEPA 245.1	USEPA 314.0	USEPA 332.0	USEPA 8260B	USEPA 8260B-SIM	USEPA 300.0	SM18 2320B	SM18 2510B	SM18 2540C	SM18 2540D	SM18 4500 NH3F	SM18 4500 NH3F/G	SM18 4500H+B	SM18 4500PE	SM18 5310C	SM18 C-00
MW-10	1/22/2015	C38219-7 440-99937-8	X	X	X	X	X	X	X	-	-	X	-	-	-	-	-	-	-	-
	7/21/2015	C40942-8 440-116272-12	-	-	-	X	X	-	-	-	-	X	-	-	-	-	-	-	-	-
MW-11	1/27/2015	C38289-3	X	X	X	X	-	X	X	-	-	X	-	-	-	-	-	-	-	-
	7/22/2015	C40942-14	-	-	-	X	-	-	-	-	-	X	-	-	-	-	-	-	-	-
MW-12	1/26/2015	C38289-1 440-100314-1	X	X	X	X	X	X	X	-	-	X	-	-	-	-	-	-	-	-
	7/22/2015	C40942-13 440-116272-17	-	-	-	X	X	-	-	-	-	X	-	-	-	-	-	-	-	-
MW-13	1/28/2015	C38289-9	X	X	X	X	-	X	X	-	-	X	-	-	-	-	-	-	-	-
	4/16/2015	C30430-7	-	-	-	X	-	-	-	-	-	X	-	-	-	-	-	-	-	-
	7/24/2015	C40942-21	-	-	-	X	-	-	-	-	-	X	-	-	-	-	-	-	-	-
	10/15/2015	C42339-9	-	-	-	X	-	-	-	-	-	X	-	-	-	-	-	-	-	-
MW-14	1/23/2015	C38219-9 440-99937-10	X	X	X	X	X	X	X	-	-	X	-	-	-	-	-	-	-	-
	7/21/2015	C40942-10 440-116272-14	-	-	-	X	X	-	-	-	-	X	-	-	-	-	-	-	-	-
MW-15	1/22/2015	C38219-5 440-99937-6	X	X	X	X	X	X	X	-	-	X	-	-	-	-	-	-	-	-
	7/22/2015	C40942-12 440-116272-16	-	-	-	X	X	-	-	-	-	X	-	-	-	-	-	-	-	-
MW-16	1/23/2015	C38219-10 440-99937-11	X	X	X	X	X	X	X	-	-	X	-	-	-	-	-	-	-	-
	7/17/2015	C40942-3 440-116272-4	-	-	-	X	X	-	-	-	-	X	-	-	-	-	-	-	-	-
MW-17	1/21/2015	C38219-1 440-99937-1	X	X	X	X	X	X	X	-	-	X	-	-	-	-	-	-	-	-
	7/17/2015	C40942-2 440-116272-3	-	-	-	X	X	-	-	-	-	X	-	-	-	-	-	-	-	-
MW-18	1/27/2015	C38289-4 440-67844-1	X	X	X	X	-	X	X	-	-	X	-	-	-	-	-	-	-	-
	7/21/2015	C40942-5 440-116272-6	-	-	X	X	X	-	-	-	-	X	-	-	-	-	-	-	-	-
MW-19	1/29/2015	C38289-13	X	X	X	X	-	X	X	-	-	X	-	-	-	-	-	-	-	-
	4/16/2015	C30430-9	-	-	-	X	-	-	-	-	-	X	-	-	-	-	-	-	-	-
	7/24/2015	C40942-23	-	-	-	X	-	-	-	-	-	X	-	-	-	-	-	-	-	-
	10/15/2015	C42339-10	X	X	-	X	-	-	-	-	-	X	-	-	-	-	-	-	-	-
MW-20	1/29/2015	C38289-11	X	X	X	X	-	X	X	-	-	X	-	-	-	-	-	-	-	-
	4/16/2015	C30430-8	-	-	-	X	-	-	-	-	-	X	-	-	-	-	-	-	-	-
	7/24/2015	C40942-22	X	X	-	X	-	-	-	-	-	X	-	-	-	-	-	-	-	-
	10/15/2015	C42339-8	-	-	-	X	-	-	-	-	-	X	-	-	-	-	-	-	-	-

Table 3
UPCO Monitor Wells Sampled and Analyses Performed in 2015
2015 Annual Monitoring Report - March 2016
Former Universal Propulsion Company, Inc. Facility
Phoenix, Arizona

Sample ID	Date	Laboratory ID	Metals			Perchlorate		Organic Compounds		General Chemistry											
			USEPA 200.7	USEPA 200.8	USEPA 245.1	USEPA 314.0	USEPA 332.0	USEPA 8260B	USEPA 8260B-SIM	USEPA 300.0	SM18 2320B	SM18 2510B	SM18 2540C	SM18 2540D	SM18 4500 NH3F	SM18 4500 NH3F/G	SM18 4500H+B	SM18 4500PE	SM18 5310C	SM18 5310C	SM5310 C-00
MW-21	1/26/2015	C38289-2	X	X	X	X	-	X	X	-	-	X	-	-	-	-	-	-	-	-	
	4/14/2015	C39430-1	-	-	-	X	-	-	-	-	-	X	-	-	-	-	-	-	-	-	
	7/23/2015	C40942-16	-	-	-	X	-	-	-	-	-	X	-	-	-	-	-	-	-	-	
	10/14/2015	C42339-1	-	-	-	X	-	-	-	-	-	X	-	-	-	-	-	-	-	-	
MW-22	1/21/2015	C38219-4 440-99937-4	-	-	-	X	X	-	-	-	-	-	-	-	-	-	-	-	-	-	
	4/15/2015	440-107292-4	-	-	-	-	X	-	-	-	-	-	-	-	-	-	-	-	-	-	
	7/21/2015	440-116272-7	-	-	-	-	X	-	-	-	-	-	-	-	-	-	-	-	-	-	
	10/15/2015	440-124693-4	-	-	-	-	X	-	-	-	-	-	-	-	-	-	-	-	-	-	
PW-1	1/30/2015	C38303-1A	X	X	X	X	-	X	X	-	-	X	-	-	-	-	-	-	-	-	
	4/14/2015	C39430-2	-	-	-	X	-	-	-	-	-	X	-	-	-	-	-	-	-	-	
	7/23/2015	C40942-15	X	X	-	X	-	X	X	-	-	X	-	-	-	-	-	-	-	-	
	10/14/2015	C42339-2	-	-	-	X	-	-	-	-	-	X	-	-	-	-	-	-	-	-	

Notes:

USEPA test method 200.7 used for iron and manganese analyses.

USEPA test method 200.8 used for arsenic, barium, cadmium, chromium, lead, selenium, and silver analyses.

USEPA test method 245.1 used for mercury analysis.

USEPA test methods 314.0 and 332.0 used for perchlorate analyses.

USEPA test method 8260B used for volatile organic compound analyses.

USEPA test method 8260B-SIM used for 1,4-dioxane analyses.

USEPA test method 300.0 used for nitrate, nitrite, and sulfate analyses.

Standard Method 2320B used for alkalinity analyses.

Standard Method 2510B used for specific conductivity analyses.

Standard Method 2540C used for total dissolved solids analyses.

Standard Method 2540D used for total suspended solids analyses.

Standard Method 4500 NH3F used for total kjeldahl nitrogen analyses.

Standard Method 4500 NH3F/G used for ammonia analyses.

Standard Method 4500 H+B used for pH analyses.

Standard Method 4500PE used for phosphorus analyses.

Standard Method 5310C used for dissolved organic carbon analyses.

Standard Method 5310 C-00 used for total organic carbon analyses.

USEPA = United States Environmental Protection Agency.

Table 4
2015 UPCO Well Water Levels
2015 Annual Monitoring Report - March 2016
Former Universal Propulsion Company, Inc. Facility
Phoenix, Arizona

Well ID	Date	Time	Depth to Water (feet)	Measuring Point Elevation (feet)	Groundwater Elevation (feet amsl)
MW-1	1/19/2015	15:50	212.58	1560.43	1347.85
	2/25/2015	18:03	212.58	1560.43	1347.85
	3/26/2015	16:32	212.71	1560.43	1347.72
	4/13/2015	14:59	212.73	1560.43	1347.70
	5/23/2015	16:00	212.86	1560.43	1347.57
	6/15/2015	19:08	212.76	1560.43	1347.67
	7/13/2015	15:10	212.72	1560.43	1347.71
	8/31/2015	18:25	212.82	1560.43	1347.61
	9/30/2015	18:18	212.82	1560.43	1347.61
	10/26/2015	19:08	212.72	1560.43	1347.71
	11/25/2015	17:05	212.73	1560.43	1347.70
	12/10/2015	16:27	212.72	1560.43	1347.71
MW-2	1/19/2015	15:58	223.39	1571.22	1347.83
	2/25/2015	18:15	223.40	1571.22	1347.82
	3/26/2015	16:41	223.48	1571.22	1347.74
	4/13/2015	15:08	223.54	1571.22	1347.68
	5/23/2015	16:12	223.58	1571.22	1347.64
	6/15/2015	19:20	223.62	1571.22	1347.60
	7/13/2015	15:21	223.60	1571.22	1347.62
	8/31/2015	18:34	223.65	1571.22	1347.57
	9/30/2015	18:30	223.65	1571.22	1347.57
	10/26/2015	19:18	223.54	1571.22	1347.68
	11/25/2015	17:15	223.59	1571.22	1347.63
	12/10/2015	16:36	223.55	1571.22	1347.67
MW-3	1/19/2015	11:56	245.80	1583.59	1337.79
	2/25/2015	13:52	246.03	1583.59	1337.56
	3/26/2015	12:26	246.43	1583.59	1337.16
	4/13/2015	10:14	246.43	1583.59	1337.16
	5/23/2015	11:43	246.50	1583.59	1337.09
	6/15/2015	14:09	246.49	1583.59	1337.10
	7/13/2015	10:09	246.45	1583.59	1337.14
	8/31/2015	13:30	246.77	1583.59	1336.82
	9/30/2015	13:10	246.90	1583.59	1336.69
	10/26/2015	14:00	246.82	1583.59	1336.77
	11/25/2015	12:32	246.83	1583.59	1336.76
	12/10/2015	12:22	246.95	1583.59	1336.64

Table 4

2015 UPCO Well Water Levels

2015 Annual Monitoring Report - March 2016

Former Universal Propulsion Company, Inc. Facility

Phoenix, Arizona

Well ID	Date	Time	Depth to Water (feet)	Measuring Point Elevation (feet)	Groundwater Elevation (feet amsl)
MW-4	1/19/2015	13:46	279.54	1620.34	1340.80
	2/25/2015	16:16	279.58	1620.34	1340.76
	3/26/2015	14:23	279.88	1620.34	1340.46
	4/13/2015	12:59	279.97	1620.34	1340.37
	5/23/2015	13:38	279.98	1620.34	1340.36
	6/15/2015	16:39	279.88	1620.34	1340.46
	7/13/2015	13:05	279.90	1620.34	1340.44
	8/31/2015	15:36	279.96	1620.34	1340.38
	9/30/2015	15:15	280.10	1620.34	1340.24
	10/26/2015	16:20	280.00	1620.34	1340.34
	11/25/2015	14:20	279.93	1620.34	1340.41
	12/10/2015	13:56	280.05	1620.34	1340.29
MW-5	1/19/2015	15:42	246.23	1594.08	1347.85
	2/25/2015	17:52	246.25	1594.08	1347.83
	3/26/2015	16:23	246.38	1594.08	1347.70
	4/13/2015	14:38	246.39	1594.08	1347.69
	5/23/2015	15:35	246.42	1594.08	1347.66
	6/15/2015	18:45	246.44	1594.08	1347.64
	7/13/2015	15:00	246.33	1594.08	1347.75
	8/31/2015	18:15	246.48	1594.08	1347.60
	9/30/2015	18:04	246.48	1594.08	1347.60
	10/26/2015	18:57	246.37	1594.08	1347.71
	11/25/2015	16:53	246.40	1594.08	1347.68
	12/10/2015	16:00	246.39	1594.08	1347.69
MW-6	1/19/2015	15:33	167.08	1551.65	1384.57
	2/25/2015	12:36	167.11	1551.65	1384.54
	3/26/2015	17:50	167.42	1551.65	1384.23
	4/13/2015	14:27	167.53	1551.65	1384.12
	5/23/2015	15:20	167.29	1551.65	1384.36
	6/15/2015	18:30	167.24	1551.65	1384.41
	7/13/2015	14:12	166.96	1551.65	1384.69
	8/31/2015	17:20	167.23	1551.65	1384.42
	9/30/2015	17:10	167.32	1551.65	1384.33
	10/26/2015	18:08	167.46	1551.65	1384.19
	11/25/2015	16:08	167.44	1551.65	1384.21
	12/10/2015	15:15	167.64	1551.65	1384.01

Table 4
2015 UPCO Well Water Levels
2015 Annual Monitoring Report - March 2016
Former Universal Propulsion Company, Inc. Facility
Phoenix, Arizona

Well ID	Date	Time	Depth to Water (feet)	Measuring Point Elevation (feet)	Groundwater Elevation (feet amsl)
MW-7	1/19/2015	12:38	160.13	1541.35	1381.22
	2/25/2015	15:03	159.56	1541.35	1381.79
	3/26/2015	13:22	159.47	1541.35	1381.88
	4/13/2015	11:55	159.34	1541.35	1382.01
	5/23/2015	12:35	159.11	1541.35	1382.24
	6/15/2015	15:15	158.74	1541.35	1382.61
	7/13/2015	11:02	158.77	1541.35	1382.58
	8/31/2015	14:35	158.52	1541.35	1382.83
	9/30/2015	14:08	158.58	1541.35	1382.77
	10/26/2015	15:13	158.48	1541.35	1382.87
	11/25/2015	13:08	158.31	1541.35	1383.04
	12/10/2015	12:55	158.45	1541.35	1382.90
MW-8	1/19/2015	13:08	194.40	1542.18	1347.78
	2/25/2015	15:32	194.52	1542.18	1347.66
	3/26/2015	13:43	194.54	1542.18	1347.64
	4/13/2015	12:29	196.58	1542.18	1345.60
	5/23/2015	12:59	194.61	1542.18	1347.57
	6/15/2015	15:46	194.53	1542.18	1347.65
	7/13/2015	11:25	194.54	1542.18	1347.64
	8/31/2015	15:08	194.58	1542.18	1347.60
	9/30/2015	14:41	194.63	1542.18	1347.55
	10/26/2015	15:46	194.52	1542.18	1347.66
	11/25/2015	13:42	194.54	1542.18	1347.64
	12/10/2015	13:28	194.56	1542.18	1347.62
MW-9	1/19/2015	13:20	217.54	1565.60	1348.06
	2/25/2015	15:44	217.57	1565.60	1348.03
	3/26/2015	13:55	217.69	1565.60	1347.91
	4/13/2015	12:37	217.74	1565.60	1347.86
	5/23/2015	13:09	217.76	1565.60	1347.84
	6/15/2015	16:00	217.70	1565.60	1347.90
	7/13/2015	11:37	217.72	1565.60	1347.88
	8/31/2015	15:20	217.71	1565.60	1347.89
	9/30/2015	14:54	217.75	1565.60	1347.85
	10/26/2015	15:58	217.64	1565.60	1347.96
	11/25/2015	13:56	217.69	1565.60	1347.91
	12/10/2015	13:40	217.69	1565.60	1347.91

Table 4

2015 UPCO Well Water Levels

2015 Annual Monitoring Report - March 2016

Former Universal Propulsion Company, Inc. Facility

Phoenix, Arizona

Well ID	Date	Time	Depth to Water (feet)	Measuring Point Elevation (feet)	Groundwater Elevation (feet amsl)
MW-10	1/19/2015	12:27	154.49	1536.11	1381.62
	2/25/2015	14:49	153.50	1536.11	1382.61
	3/26/2015	13:13	153.09	1536.11	1383.02
	4/13/2015	11:43	152.80	1536.11	1383.31
	5/23/2015	12:22	152.25	1536.11	1383.86
	6/15/2015	15:04	151.82	1536.11	1384.29
	7/13/2015	10:50	151.66	1536.11	1384.45
	8/31/2015	14:23	151.35	1536.11	1384.76
	9/30/2015	13:56	151.25	1536.11	1384.86
	10/26/2015	15:00	151.05	1536.11	1385.06
	11/25/2015	12:55	150.78	1536.11	1385.33
	12/10/2015	12:43	150.90	1536.11	1385.21
MW-11	1/19/2015	14:48	258.45	1606.14	1347.69
	2/25/2015	17:25	258.48	1606.14	1347.66
	3/26/2015	15:38	258.60	1606.14	1347.54
	4/13/2015	14:48	258.62	1606.14	1347.52
	5/23/2015	15:47	258.64	1606.14	1347.50
	6/15/2015	13:40	258.66	1606.14	1347.48
	7/13/2015	14:22	258.54	1606.14	1347.60
	8/31/2015	17:32	258.71	1606.14	1347.43
	9/30/2015	17:23	258.69	1606.14	1347.45
	10/26/2015	18:20	258.58	1606.14	1347.56
	11/25/2015	16:20	258.61	1606.14	1347.53
	12/10/2015	15:27	258.60	1606.14	1347.54
MW-12	1/19/2015	13:35	214.20	1560.91	1346.71
	2/25/2015	16:00	214.25	1560.91	1346.66
	3/26/2015	14:08	214.34	1560.91	1346.57
	4/13/2015	12:48	214.36	1560.91	1346.55
	5/23/2015	13:25	214.42	1560.91	1346.49
	6/15/2015	16:25	214.38	1560.91	1346.53
	7/13/2015	11:51	214.31	1560.91	1346.60
	8/31/2015	16:42	214.43	1560.91	1346.48
	9/30/2015	16:29	214.46	1560.91	1346.45
	10/26/2015	17:30	214.35	1560.91	1346.56
	11/25/2015	15:33	214.37	1560.91	1346.54
	12/10/2015	14:55	214.35	1560.91	1346.56

Table 4**2015 UPCO Well Water Levels**

2015 Annual Monitoring Report - March 2016

Former Universal Propulsion Company, Inc. Facility

Phoenix, Arizona

Well ID	Date	Time	Depth to Water (feet)	Measuring Point Elevation (feet)	Groundwater Elevation (feet amsl)
MW-13	1/19/2015	14:14	251.70	1599.52	1347.82
	2/25/2015	16:50	251.76	1599.52	1347.76
	3/26/2015	15:02	251.89	1599.52	1347.63
	4/13/2015	13:48	251.91	1599.52	1347.61
	5/23/2015	16:35	251.94	1599.52	1347.58
	6/15/2015	19:38	251.96	1599.52	1347.56
	7/13/2015	15:31	257.88	1599.52	1341.64
	8/31/2015	18:45	251.96	1599.52	1347.56
	9/30/2015	18:43	251.99	1599.52	1347.53
	10/26/2015	19:28	251.83	1599.52	1347.69
	11/25/2015	17:27	251.89	1599.52	1347.63
	12/10/2015	16:45	251.85	1599.52	1347.67
MW-14	1/19/2015	12:18	272.96	1602.48	1329.52
	2/25/2015	14:30	272.92	1602.48	1329.56
	3/26/2015	12:59	273.30	1602.48	1329.18
	4/13/2015	10:36	273.42	1602.48	1329.06
	5/23/2015	12:03	273.77	1602.48	1328.71
	6/15/2015	14:35	273.81	1602.48	1328.67
	7/13/2015	10:29	274.14	1602.48	1328.34
	8/31/2015	13:55	275.12	1602.48	1327.36
	9/30/2015	13:35	275.45	1602.48	1327.03
	10/26/2015	14:35	275.48	1602.48	1327.00
	11/25/2015	12:06	275.31	1602.48	1327.17
	12/10/2015	11:54	275.42	1602.48	1327.06
MW-15	1/19/2015	12:12	271.95	1600.48	1328.53
	2/25/2015	14:22	271.88	1600.48	1328.60
	3/26/2015	12:49	272.19	1600.48	1328.29
	4/13/2015	10:44	272.33	1600.48	1328.15
	5/23/2015	12:10	272.60	1600.48	1327.88
	6/15/2015	14:45	272.45	1600.48	1328.03
	7/13/2015	10:38	272.70	1600.48	1327.78
	8/31/2015	14:05	273.14	1600.48	1327.34
	9/30/2015	13:44	273.51	1600.48	1326.97
	10/26/2015	14:45	273.53	1600.48	1326.95
	11/25/2015	12:16	273.35	1600.48	1327.13
	12/10/2015	12:03	273.82	1600.48	1326.66

Table 4**2015 UPCO Well Water Levels**

2015 Annual Monitoring Report - March 2016

Former Universal Propulsion Company, Inc. Facility

Phoenix, Arizona

Well ID	Date	Time	Depth to Water (feet)	Measuring Point Elevation (feet)	Groundwater Elevation (feet amsl)
MW-16	1/19/2015	12:04	261.04	1585.36	1324.32
	2/25/2015	14:01	261.19	1585.36	1324.17
	3/26/2015	12:35	261.54	1585.36	1323.82
	4/13/2015	10:22	261.70	1585.36	1323.66
	5/23/2015	11:51	261.81	1585.36	1323.55
	6/15/2015	14:21	261.82	1585.36	1323.54
	7/13/2015	10:18	261.85	1585.36	1323.51
	8/31/2015	13:41	262.24	1585.36	1323.12
	9/30/2015	13:22	262.52	1585.36	1322.84
	10/26/2015	14:10	262.51	1585.36	1322.85
	11/25/2015	12:40	262.70	1585.36	1322.66
	12/10/2015	12:15	262.88	1585.36	1322.48
MW-17	1/19/2015	11:47	210.63	1560.72	1350.09
	2/25/2015	13:38	210.60	1560.72	1350.12
	3/26/2015	12:12	210.92	1560.72	1349.80
	4/13/2015	10:02	210.99	1560.72	1349.73
	5/23/2015	11:30	210.98	1560.72	1349.74
	6/15/2015	13:58	210.84	1560.72	1349.88
	7/13/2015	9:57	210.86	1560.72	1349.86
	8/31/2015	13:18	210.90	1560.72	1349.82
	9/30/2015	12:56	211.13	1560.72	1349.59
	10/26/2015	14:22	210.97	1560.72	1349.75
	11/25/2015	11:50	210.92	1560.72	1349.80
	12/10/2015	12:33	211.04	1560.72	1349.68
MW-18	1/19/2015	12:57	131.88	1533.53	1401.65
	2/25/2015	15:22	132.31	1533.53	1401.22
	3/26/2015	13:33	131.95	1533.53	1401.58
	4/13/2015	12:20	131.88	1533.53	1401.65
	5/23/2015	12:50	131.82	1533.53	1401.71
	6/15/2015	15:32	131.66	1533.53	1401.87
	7/13/2015	11:15	131.80	1533.53	1401.73
	8/31/2015	14:55	131.97	1533.53	1401.56
	9/30/2015	14:30	131.81	1533.53	1401.72
	10/26/2015	15:35	131.75	1533.53	1401.78
	11/25/2015	13:30	131.68	1533.53	1401.85
	12/10/2015	13:18	131.80	1533.53	1401.73

Table 4
2015 UPCO Well Water Levels
2015 Annual Monitoring Report - March 2016
Former Universal Propulsion Company, Inc. Facility
Phoenix, Arizona

Well ID	Date	Time	Depth to Water (feet)	Measuring Point Elevation (feet)	Groundwater Elevation (feet amsl)
MW-19	1/19/2015	16:35	251.71	1599.51	1347.80
	2/25/2015	18:50	251.73	1599.51	1347.78
	3/26/2015	17:22	251.88	1599.51	1347.63
	4/13/2015	15:47	251.89	1599.51	1347.62
	5/23/2015	17:12	251.92	1599.51	1347.59
	6/15/2015	20:10	251.99	1599.51	1347.52
	7/13/2015	16:02	251.95	1599.51	1347.56
	8/31/2015	19:15	252.00	1599.51	1347.51
	9/30/2015	19:20	252.01	1599.51	1347.50
	10/26/2015	19:55	251.86	1599.51	1347.65
	11/25/2015	17:57	251.91	1599.51	1347.60
	12/10/2015	17:15	251.88	1599.51	1347.63
MW-20	1/19/2015	16:12	233.07	1580.87	1347.80
	2/25/2015	18:34	233.08	1580.87	1347.79
	3/26/2015	17:02	233.20	1580.87	1347.67
	4/13/2015	15:27	233.25	1580.87	1347.62
	5/23/2015	16:46	233.28	1580.87	1347.59
	6/15/2015	19:45	233.33	1580.87	1347.54
	7/13/2015	15:43	233.18	1580.87	1347.69
	8/31/2015	18:56	233.41	1580.87	1347.46
	9/30/2015	18:54	233.36	1580.87	1347.51
	10/26/2015	19:37	233.24	1580.87	1347.63
	11/25/2015	17:36	233.29	1580.87	1347.58
	12/10/2015	16:54	233.25	1580.87	1347.62
MW-21	1/19/2015	15:08	217.44	1565.28	1347.84
	2/25/2015	17:43	217.45	1565.28	1347.83
	3/26/2015	15:57	217.63	1565.28	1347.65
	4/13/2015	14:05	217.65	1565.28	1347.63
	5/23/2015	14:50	217.69	1565.28	1347.59
	6/15/2015	18:04	217.69	1565.28	1347.59
	7/13/2015	14:35	217.63	1565.28	1347.65
	8/31/2015	17:45	217.72	1565.28	1347.56
	9/30/2015	17:35	217.72	1565.28	1347.56
	10/26/2015	18:32	217.62	1565.28	1347.66
	11/25/2015	16:30	217.65	1565.28	1347.63
	12/10/2015	15:38	217.64	1565.28	1347.64

Table 4
2015 UPCO Well Water Levels
2015 Annual Monitoring Report - March 2016
Former Universal Propulsion Company, Inc. Facility
Phoenix, Arizona

Well ID	Date	Time	Depth to Water (feet)	Measuring Point Elevation (feet)	Groundwater Elevation (feet amsl)
MW-22	1/9/2015	14:22	249.81	1598.46	1348.65
	2/25/2015	17:00	249.77	1598.46	1348.69
	3/26/2015	15:12	250.06	1598.46	1348.40
	4/13/2015	13:30	250.11	1598.46	1348.35
	5/23/2015	14:15	250.15	1598.46	1348.31
	6/15/2015	17:20	250.03	1598.46	1348.43
	7/13/2015	13:36	250.10	1598.46	1348.36
	8/31/2015	16:18	250.10	1598.46	1348.36
	9/30/2015	15:57	250.18	1598.46	1348.28
	10/26/2015	17:05	250.08	1598.46	1348.38
	11/25/2015	15:07	249.98	1598.46	1348.48
	12/10/2015	14:30	250.07	1598.46	1348.39
EW-1	1/19/2015	16:19	246.97	1594.88	1347.91
	2/25/2015	18:43	246.99	1594.88	1347.89
	3/26/2015	17:12	247.12	1594.88	1347.76
	4/13/2015	15:38	247.11	1594.88	1347.77
	5/23/2015	17:00	247.13	1594.88	1347.75
	6/15/2015	19:58	247.20	1594.88	1347.68
	7/13/2015	15:53	247.19	1594.88	1347.69
	8/31/2015	19:05	247.20	1594.88	1347.68
	9/30/2015	19:07	247.22	1594.88	1347.66
	10/26/2015	19:45	247.10	1594.88	1347.78
	11/25/2015	17:45	247.12	1594.88	1347.76
	12/10/2015	17:05	247.13	1594.88	1347.75
EW-2	1/19/2015	15:00	213.00	1560.92	1347.92
	2/25/2015	17:35	246.25	1560.92	1314.67
	3/26/2015	15:48	213.15	1560.92	1347.77
	4/13/2015	13:56	213.08	1560.92	1347.84
	5/23/2015	14:40	213.23	1560.92	1347.69
	6/15/2015	17:50	213.20	1560.92	1347.72
	7/13/2015	13:59	213.22	1560.92	1347.70
	8/31/2015	16:52	213.24	1560.92	1347.68
	9/30/2015	16:40	213.28	1560.92	1347.64
	10/26/2015	17:40	213.16	1560.92	1347.76
	11/25/2015	15:41	213.17	1560.92	1347.75
	12/10/2015	15:03	213.18	1560.92	1347.74

Table 4

2015 UPCO Well Water Levels

2015 Annual Monitoring Report - March 2016

Former Universal Propulsion Company, Inc. Facility

Phoenix, Arizona

Well ID	Date	Time	Depth to Water (feet)	Measuring Point Elevation (feet)	Groundwater Elevation (feet amsl)
PW-1	1/19/2015	15:20	212.04	1554.46	1342.42
	2/25/2015	12:30	212.04	1554.46	1342.42
	3/26/2015	16:07	212.24	1554.46	1342.22
	4/13/2015	14:17	212.22	1554.46	1342.24
	5/23/2015	15:08	212.15	1554.46	1342.31
	6/15/2015	18:20	212.17	1554.46	1342.29
	7/13/2015	14:46	212.50	1554.46	1341.96
	8/31/2015	18:02	212.38	1554.46	1342.08
	9/30/2015	17:52	212.55	1554.46	1341.91
	10/26/2015	18:45	212.50	1554.46	1341.96
	11/25/2015	16:45	212.48	1554.46	1341.98
	12/10/2015	15:50	212.51	1554.46	1341.95
IW-1	1/19/2015	16:32	247.81	1595.52	1347.71
	2/25/2015	19:03	247.82	1595.52	1347.70
	3/26/2015	17:35	247.95	1595.52	1347.57
	4/13/2015	15:56	248.02	1595.52	1347.50
	5/23/2015	17:25	248.02	1595.52	1347.50
	6/15/2015	20:25	248.10	1595.52	1347.42
	7/13/2015	16:15	248.08	1595.52	1347.44
	8/31/2015	19:30	248.09	1595.52	1347.43
	9/30/2015	19:35	248.11	1595.52	1347.41
	10/26/2015	20:10	247.98	1595.52	1347.54
	11/25/2015	18:15	248.01	1595.52	1347.51
	12/10/2015	17:28	247.98	1595.52	1347.54
IW-2	1/19/2015	14:29	244.01	1593.68	1349.67
	2/25/2015	17:12	244.95	1593.68	1348.73
	3/26/2015	15:27	245.29	1593.68	1348.39
	4/13/2015	13:38	245.36	1593.68	1348.32
	5/23/2015	14:28	245.37	1593.68	1348.31
	6/15/2015	17:30	245.30	1593.68	1348.38
	7/13/2015	13:48	245.31	1593.68	1348.37
	8/31/2015	16:30	245.33	1593.68	1348.35
	9/30/2015	16:15	245.43	1593.68	1348.25
	10/26/2015	17:18	245.31	1593.68	1348.37
	11/25/2015	15:20	245.20	1593.68	1348.48
	12/10/2015	14:43	245.29	1593.68	1348.39

Table 4**2015 UPCO Well Water Levels****2015 Annual Monitoring Report - March 2016****Former Universal Propulsion Company, Inc. Facility****Phoenix, Arizona**

Well ID	Date	Time	Depth to Water (feet)	Measuring Point Elevation (feet)	Groundwater Elevation (feet amsl)
IW-3	1/19/2015	16:06	221.19	1568.96	1347.77
	2/25/2015	18:20	221.21	1568.96	1347.75
	3/26/2015	16:53	221.33	1568.96	1347.63
	4/13/2015	15:18	221.34	1568.96	1347.62
	5/23/2015	16:22	221.37	1568.96	1347.59
	6/15/2015	19:30	221.42	1568.96	1347.54
	8/31/2015	17:05	221.50	1568.96	1347.46
	9/30/2015	16:56	221.44	1568.96	1347.52
	10/26/2015	17:55	221.31	1568.96	1347.65
	11/25/2015	15:55	221.33	1568.96	1347.63
	12/10/2015	16:15	221.32	1568.96	1347.64
RW-1	1/19/2015	14:05	258.10	1605.41	1347.31
	2/25/2015	16:45	258.13	1605.41	1347.28
	3/26/2015	14:51	258.38	1605.41	1347.03
	4/13/2015	13:20	258.44	1605.41	1346.97
	5/23/2015	13:58	258.43	1605.41	1346.98
	6/15/2015	17:03	258.35	1605.41	1347.06
	7/13/2015	13:28	258.34	1605.41	1347.07
	8/31/2015	16:06	258.33	1605.41	1347.08
	9/30/2015	15:45	258.44	1605.41	1346.97
	10/26/2015	16:50	258.28	1605.41	1347.13
	11/25/2015	14:53	258.27	1605.41	1347.14
	12/10/2015	14:20	258.30	1605.41	1347.11
RW-2	1/19/2015	13:54	261.86	1605.31	1343.45
	2/25/2015	16:30	261.91	1605.31	1343.40
	3/26/2015	14:39	262.24	1605.31	1343.07
	4/13/2015	13:09	262.32	1605.31	1342.99
	5/23/2015	13:47	262.33	1605.31	1342.98
	6/15/2015	16:48	262.25	1605.31	1343.06
	7/13/2015	13:16	262.26	1605.31	1343.05
	8/31/2015	15:50	262.29	1605.31	1343.02
	9/30/2015	15:30	262.40	1605.31	1342.91
	10/26/2015	16:33	262.26	1605.31	1343.05
	11/25/2015	14:34	262.23	1605.31	1343.08
	12/10/2015	14:08	262.33	1605.31	1342.98

Notes:

amsl = above mean sea level

Table 5
Private Wells Sampled and Analyses Performed in 2015
2015 Annual Monitoring Report - March 2016
Former Universal Propulsion Company, Inc. Facility
Phoenix, Arizona

Sample ID	Date Collected	Laboratory ID	USEPA Method	
			314.0	332.0
104 E. Yearling	1/20/2015	C38115-1	X	
	1/20/2015	440-99610-1		X
122 W. Yearling	1/20/2015	C38114-1	X	
	1/20/2015	440-99600-1		X
	7/16/2015	C40854-1	X	
	7/16/2015	440-115836-1		X
16 E. Yearling	7/16/2015	C40861-1	X	
	7/16/2015	440-115850-1		X
18 E. Yearling	1/20/2015	C38116-1	X	
	1/20/2015	440-99612-1		X
	7/16/2015	C40864-1	X	
	7/16/2015	440-115857-1		X
204 E. Yearling	1/20/2015	C38108-1	X	
	1/20/2015	440-99607-1		X
	7/15/2015	C40856-1	X	
	7/15/2015	440-115839-1		X
218 E. Yearling	1/20/2015	C38110-1	X	
	1/20/2015	440-99606-1		X
	7/15/2015	C40862-1	X	
	7/15/2015	440-115852-1		X
25825 N. 1st Place	7/15/2015	C40858-1	X	
	7/15/2015	440-115844-1		X
25903 N. 2nd Street	7/15/2015	C40859-1	X	
	7/15/2015	440-115846-1		X
412 E. Yearling	1/20/2015	C38109-1	X	
	1/20/2015	440-99605-1		X
	7/15/2015	C40857-1	X	
	7/15/2015	440-115840-1		X
424 E. Yearling	7/15/2015	C40860-1	X	
	7/15/2015	440-115848-1		X
520 E. Yearling	1/20/2015	C38111-1	X	
	1/20/2015	440-99604-1		X
	7/15/2015	C40865-1	X	
	7/15/2015	440-115858-1		X
604 E. Yearling	1/20/2015	C38112-1	X	
	1/20/2015	440-99603-1		X
	7/15/2015	C40863-1	X	
	7/15/2015	440-115853-1		X
8 W. Yearling	1/20/2015	C38113-1	X	
	1/20/2015	440-99595-1		X
	7/16/2015	C40855-1	X	
	7/16/2015	440-115837-1		X

Notes:

USEPA test methods 314.0 and 332.0 used for perchlorate analyses.

USEPA = United States Environmental Protection Agency

Table 6
 2015 UPCO Well Perchlorate Results
 2015 Annual Monitoring Report - March 2016
 Former Universal Propulsion Company, Inc. Facility
 Phoenix, Arizona

Sample ID	Date	Perchlorate (µg/L)	
		USEPA 314.0	USEPA 332.0
MW-1	1/28/2015	67.9	-
	4/15/2015	64.9	-
	7/23/2015	58.1	-
	10/14/2015	59.6	-
MW-2	1/28/2015	98.4	-
	4/15/2015	92.7	-
	7/24/2015	86.8	-
	10/15/2015	85.8	-
MW-3	1/22/2015	<3.0	0.42
	7/21/2015	<3.0	0.47
MW-4	1/21/2015	<3.0	<0.10
	7/21/2015	<3.0	0.34
MW-5	1/28/2015	30.8	-
	4/15/2015	31.8	-
	7/23/2015	30.3	-
	10/14/2015	31.6	-
MW-6	1/30/2015	<3.0	-
	4/15/2015	<3.0	-
	7/21/2015	<3.0	<5.0
	10/15/2015	<6.0	2.7
MW-7	1/21/2015	<3.0	0.49
	7/17/2015	<3.0	0.64
MW-8	1/27/2015	<3.0	0.96
	7/21/2015	<3.0	0.86
MW-9	1/23/2015	<3.0	0.86
	7/22/2015	<3.0	0.42
MW-10	1/22/2015	<3.0	1.1
	7/21/2015	<3.0	1.2
MW-11	1/27/2015	3.1	-
	7/22/2015	3.1	-
MW-12	1/26/2015	<3.0	0.70
	7/22/2015	<3.0	0.61
MW-13	1/28/2015	116	-
	4/16/2015	140	-
	7/24/2015	175	-
	10/15/2015	230	-
MW-14	1/23/2015	<3.0	1.1
	7/21/2015	<3.0	1.0
MW-15	1/22/2015	<3.0	0.65
	7/22/2015	<3.0	0.64
MW-16	1/23/2015	<3.0	0.56
	7/17/2015	<3.0	0.60
MW-17	1/21/2015	<3.0	<1.0
	7/17/2015	<3.0	0.65
MW-18	1/27/2015	<3.0	-
	7/21/2015	<3.0	0.38

Table 6
 2015 UPCO Well Perchlorate Results
 2015 Annual Monitoring Report - March 2016
 Former Universal Propulsion Company, Inc. Facility
 Phoenix, Arizona

Sample ID	Date	Perchlorate (µg/L)	
		USEPA 314.0	USEPA 332.0
MW-19	1/29/2015	24600	-
	4/16/2015	22900	-
	7/24/2015	20400	-
	10/15/2015	19400	-
MW-20	1/29/2015	407	-
	4/16/2015	377	-
	7/24/2015	309	-
	10/15/2015	329	-
MW-21	1/26/2015	5.5	-
	4/14/2015	5.6	-
	7/23/2015	5.2	-
	10/14/2015	4.9	-
MW-22	1/21/2015	-	0.78
	4/15/2015	-	0.68
	7/21/2015	-	0.70 J
	10/15/2015	-	0.61
PW-1	1/30/2015	5.6	-
	4/14/2015	5.1	-
	7/23/2015	5.2	-
	10/14/2015	4.8	-

Notes:

Bold result indicates concentration exceeds HBGL.

HBGL for perchlorate is 14 µg/L.

< = Analyte not detected above the listed laboratory reporting limit.

- = not analyzed

HBGL = Health Based Guidance Level

J = Analyte was positively identified; however, the result should be considered an estimated value

µg/L = micrograms per liter

USEPA = United States Environmental Protection Agency

Table 7**2015 Private Well Perchlorate Results****2015 Annual Monitoring Report - March 2016****Former Universal Propulsion Company, Inc. Facility****Phoenix, Arizona**

Sample ID	Date	Perchlorate ($\mu\text{g/L}$)	
		USEPA 314.0	USEPA 332.0
104 E. Yearling	1/20/2015	<3.0	<2.0
122 W. Yearling	1/20/2015	<3.0	<2.0
	7/16/2015	<3.0	0.45
16 E. Yearling	7/16/2015	<3.0	0.50
18 E. Yearling	1/20/2015	<3.0	<2.0
	7/16/2015	<3.0	0.50
204 E. Yearling	1/20/2015	<3.0	<2.0
	7/15/2015	<3.0	0.49
218 E. Yearling	1/20/2015	<3.0	<2.0
	7/15/2015	<3.0	0.62
25825 N. 1st Place	1/20/2015	<3.0	<2.0
	7/15/2015	<3.0	0.57
25903 N. 2nd Street	7/15/2015	<3.0	0.57
412 E. Yearling	1/20/2015	<3.0	<2.0
	7/15/2015	<3.0	1.1
424 E. Yearling	7/15/2015	<3.0	1.5
520 E. Yearling	1/20/2015	<3.0	<2.0
	7/15/2015	<3.0	1.1
604 E. Yearling	1/20/2015	<3.0	<2.0
	7/15/2015	<3.0	0.79
8 W. Yearling	1/20/2015	<3.0	<2.0
	7/16/2015	<3.0	0.55

Notes:Health Based Guidance Level or perchlorate is 14 $\mu\text{g/L}$.

< = Analyte not detected above the listed laboratory reporting limit.

 $\mu\text{g/L}$ = micrograms per liter

USEPA = United States Environmental Protection Agency

Table 8
 2015 Soil Vapor MW Results
 2015 Annual Monitoring Report - March 2016
 Former Universal Propulsion Company, Inc. Facility
 Phoenix, Arizona

Parameter	SVMW-1-30-40 2/11/2015	SVMW-1-90-100 2/11/2015	SVMW-1-140-150 2/11/2015	SVMW-1-190-200 2/11/2015
Volatile Organic Compounds (ppbv)				
1,1,1-Trichloroethane	<10	<21	<1.2	<3.8
1,1,2,2-Tetrachloroethane	<10	<21	<1.2	<3.8
1,1,2-Trichloroethane	<10	<21	<1.2	<3.8
1,1-Dichloroethane	15	22	<1.2	<3.8
1,1-Dichloroethene	2600	9900	9.5	880
1,2,4-Trichlorobenzene	<41	<84	<4.7	<15
1,2,4-Trimethylbenzene	<10	<21	<1.2	<3.8
1,2-Dibromoethane (EDB)	<10	<21	<1.2	<3.8
1,2-Dichlorobenzene	<10	<21	<1.2	<3.8
1,2-Dichloroethane	<10	<21	<1.2	<3.8
1,2-Dichloropropane	<10	<21	<1.2	<3.8
1,3,5-Trimethylbenzene	<10	<21	<1.2	<3.8
1,3-Butadiene	<10	<21	<1.2	<3.8
1,3-Dichlorobenzene	<10	<21	<1.2	<3.8
1,4 - Dichlorobenzene	<10	<21	<1.2	<3.8
1,4-Dioxane	<41	<84	<4.7	<15
2,2,4-Trimethylpentane	<10	<21	<1.2	<3.8
2-Butanone (Methyl Ethyl Ketone)	<41	<84	10	<15
2-Hexanone	<41	<84	<4.7	<15
2-Propanol	<41	<84	<4.7	<15
3-Chloropropene	<41	<84	<4.7	<15
4-Ethyltoluene	<10	<21	<1.2	<3.8
4-Methyl-2-Pentanone	<10	<21	<1.2	<3.8
Acetone	<100	<84	16	<38
Alpha-Chlorotoluene	<10	<21	<1.2	<3.8
Benzene	<10	<21	<1.2	<3.8
Bromodichloromethane	<10	<21	<1.2	<3.8
Bromoform	<10	<21	<1.2	<3.8
Bromomethane	<100	<21	<12	<38
Butane	<41	<84	<4.7	24
Carbon Disulfide	<41	<21	<4.7	<15
Carbon Tetrachloride	<10	<21	<1.2	<3.8
Chlorobenzene	<10	<21	<1.2	<3.8
Chloroethane	<41	<84	<4.7	<15
Chloroform	<10	<21	<1.2	<3.8
Chloromethane	<100	<84	<12	<38
cis-1,2-Dichloroethene	<10	<21	<1.2	<3.8
cis-1,3-Dichloropropene	<10	<21	<1.2	<3.8
Cumene	<10	<21	<1.2	<3.8
Cyclohexane	<10	<21	<1.2	<3.8
Dibromochloromethane	<10	<21	<1.2	<3.8
Ethanol	<41	<84 UJ	11 J	<15
Ethylbenzene	<10	<21	<1.2	<3.8
Freon 11	<10	<21	<1.2	<3.8
Freon 113	<10	<21	<1.2	<3.8
Freon 114	<10	<21	<1.2	<3.8
Freon 12	<10	<21	<1.2	<3.8
Heptane	<10	<21	<1.2	<3.8
Hexachlorobutadiene	<41	<84	<4.7	<15

Table 8
 2015 Soil Vapor MW Results
 2015 Annual Monitoring Report - March 2016
 Former Universal Propulsion Company, Inc. Facility
 Phoenix, Arizona

Parameter	SVMW-1-30-40 2/11/2015	SVMW-1-90-100 2/11/2015	SVMW-1-140-150 2/11/2015	SVMW-1-190-200 2/11/2015
Volatile Organic Compounds (ppbv)				
Hexane	<10	<21	<1.2	<3.8
m,p-Xylenes	<10	<21	<1.2	<3.8
Methyl-tert-butyl Ether (MTBE)	<10	<21	<1.2	<3.8
Methylene Chloride	<100	<21	<12	<38
o-Xylene	<10	<21	<1.2	<3.8
Propylbenzene	<10	<21	<1.2	<3.8
Styrene	<10	<21	<1.2	<3.8
Tetrachloroethene	30	<21	<1.2	<3.8
Tetrahydrofuran	<10	<21	<1.2	<3.8
Toluene	<10	<21	2.9	<3.8
Trans-1,2-Dichloroethene	<10	<21	<1.2	<3.8
Trans-1,3-Dichloropropene	<10	<21	<1.2	<3.8
Trichloroethene	27	43	<1.2	<3.8
Vinyl Chloride	<10	<21	<1.2	<3.8

Notes:

Bold result indicates analyte was detected above the laboratory reporting limit.

< = Analyte was not detected above the listed laboratory reporting limit.

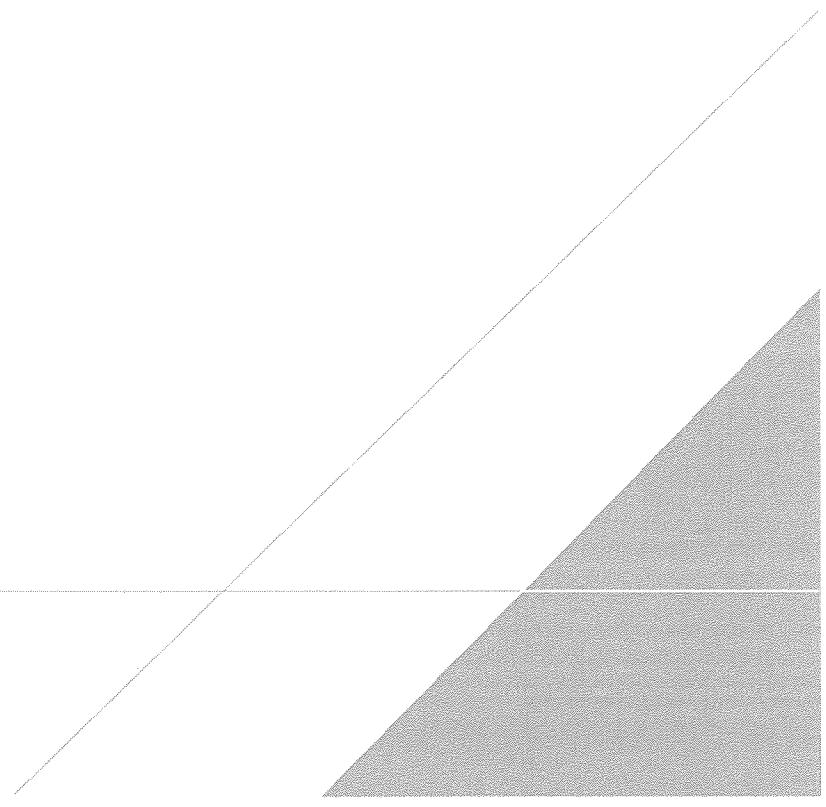
ppbv = parts per billion by volume

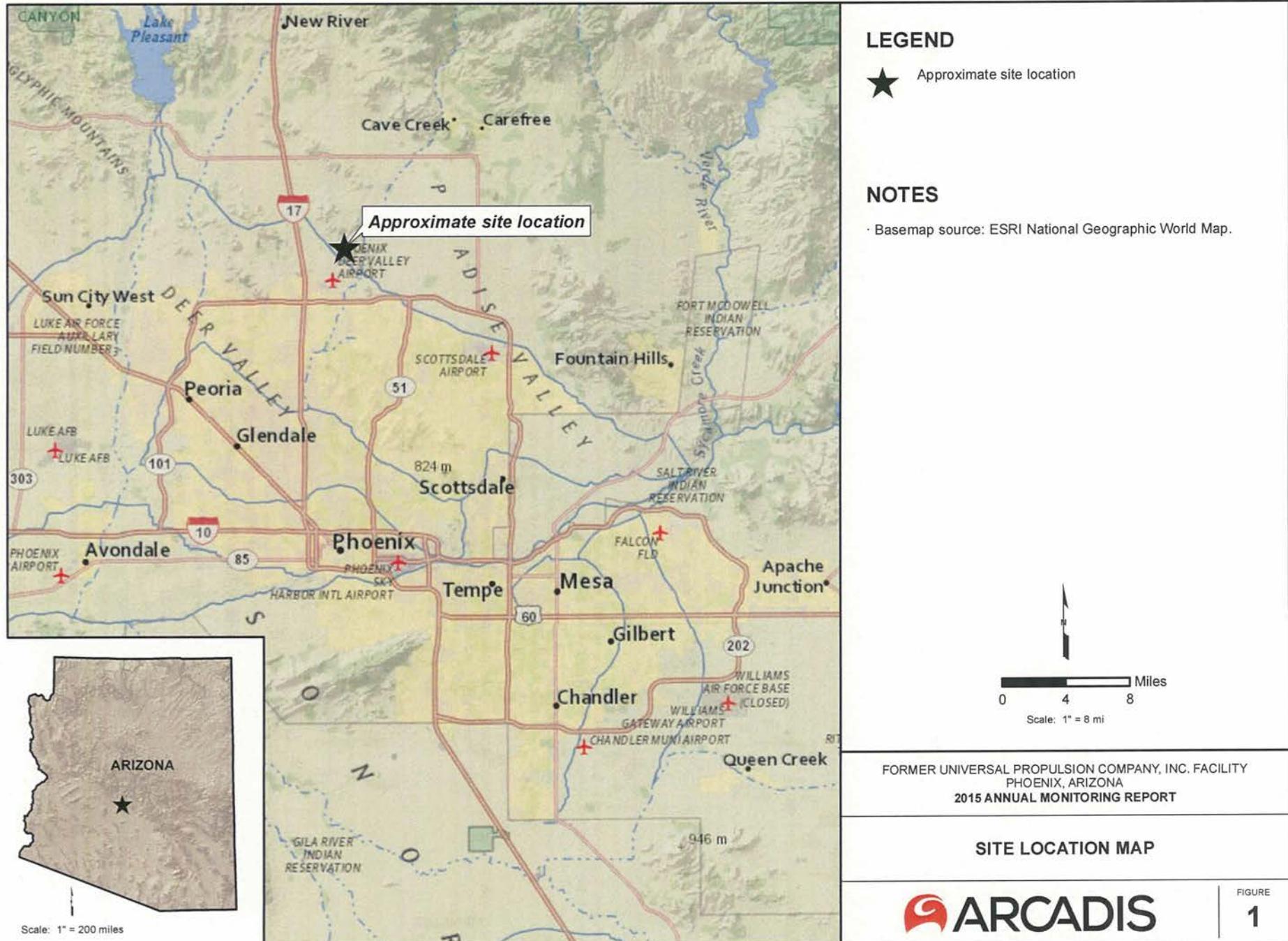
SVMW = soil vapor monitoring well

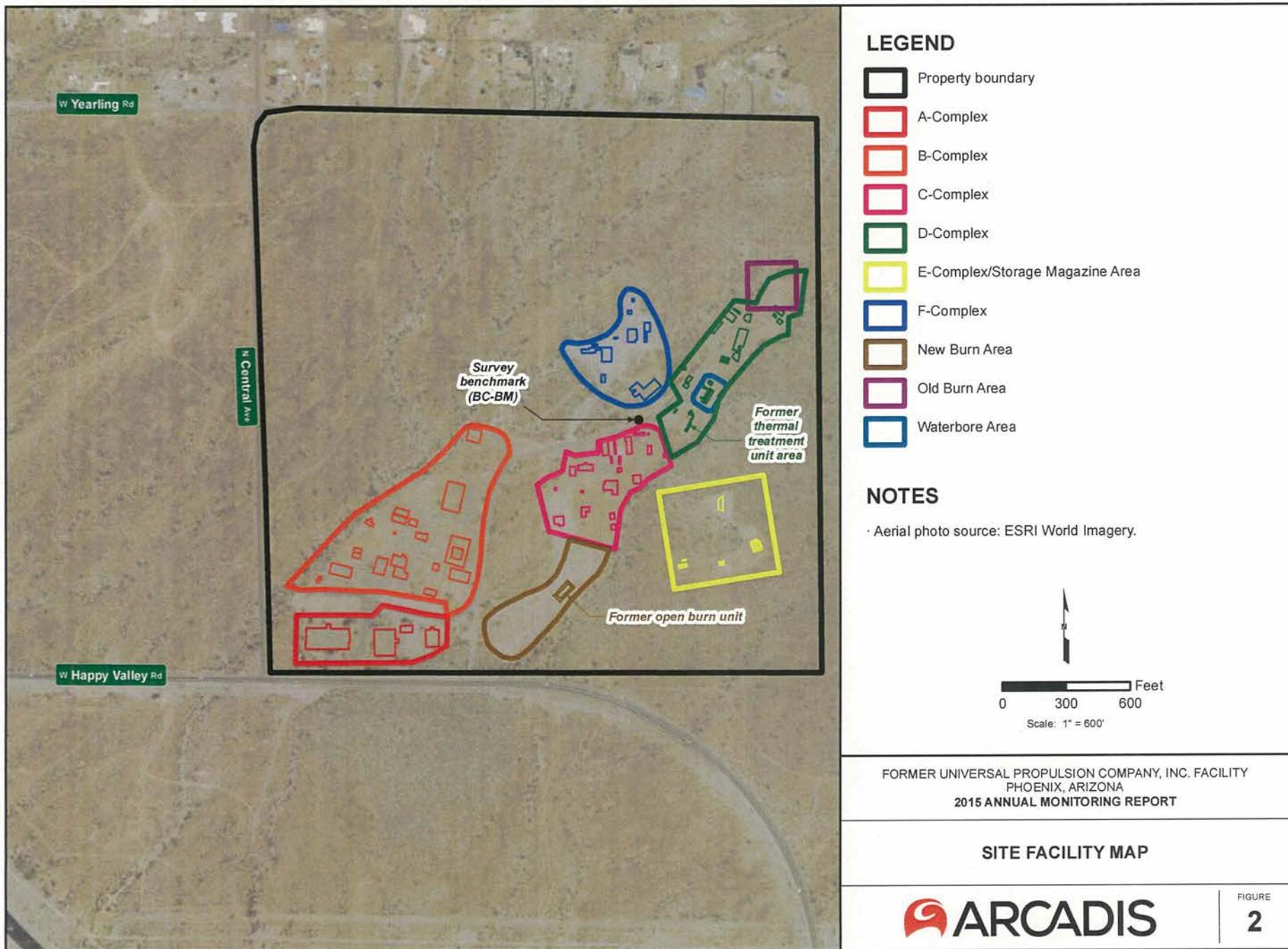
UJ = The reporting limit is considered an estimated value.

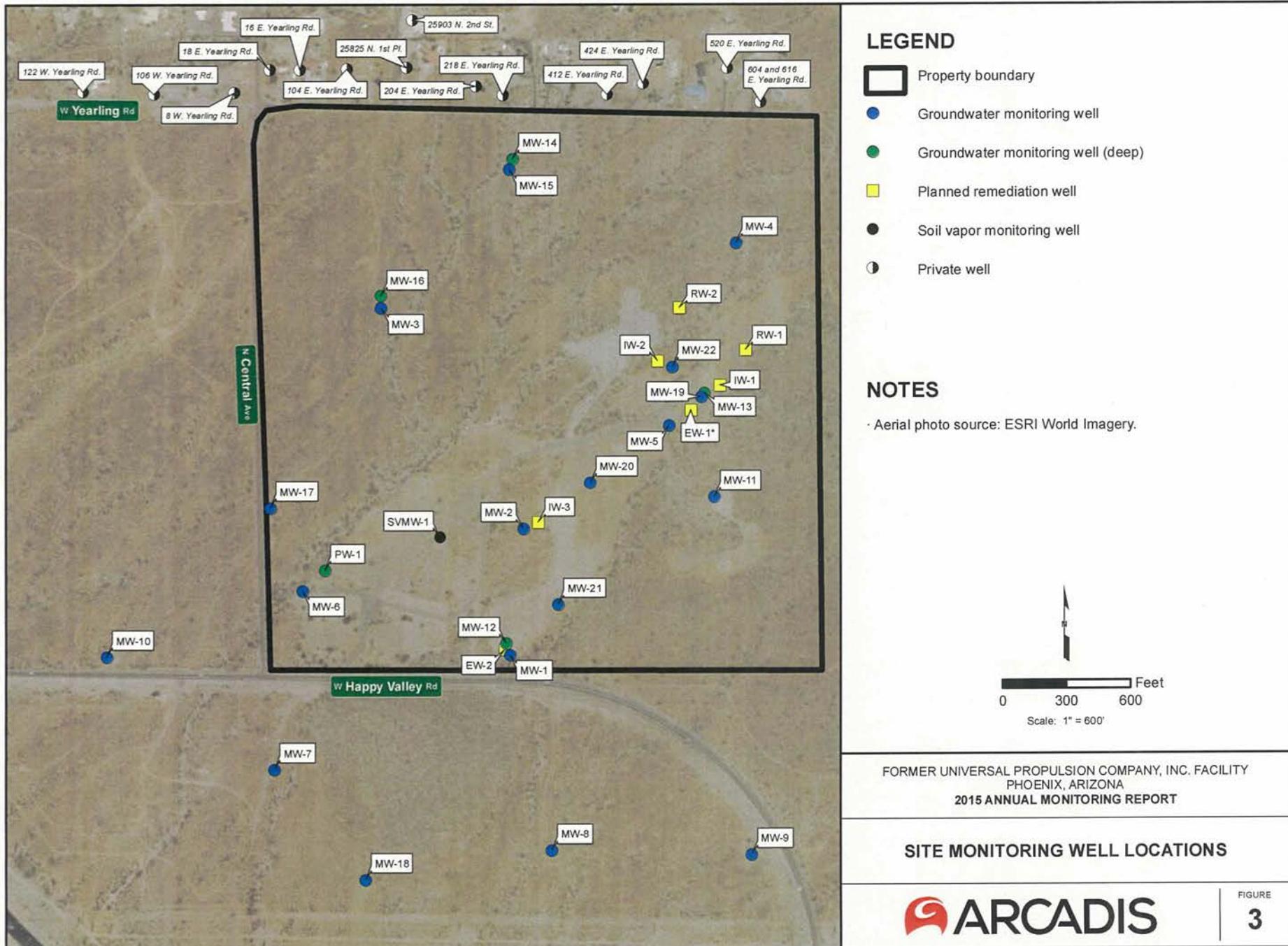
MW = Monitoring well

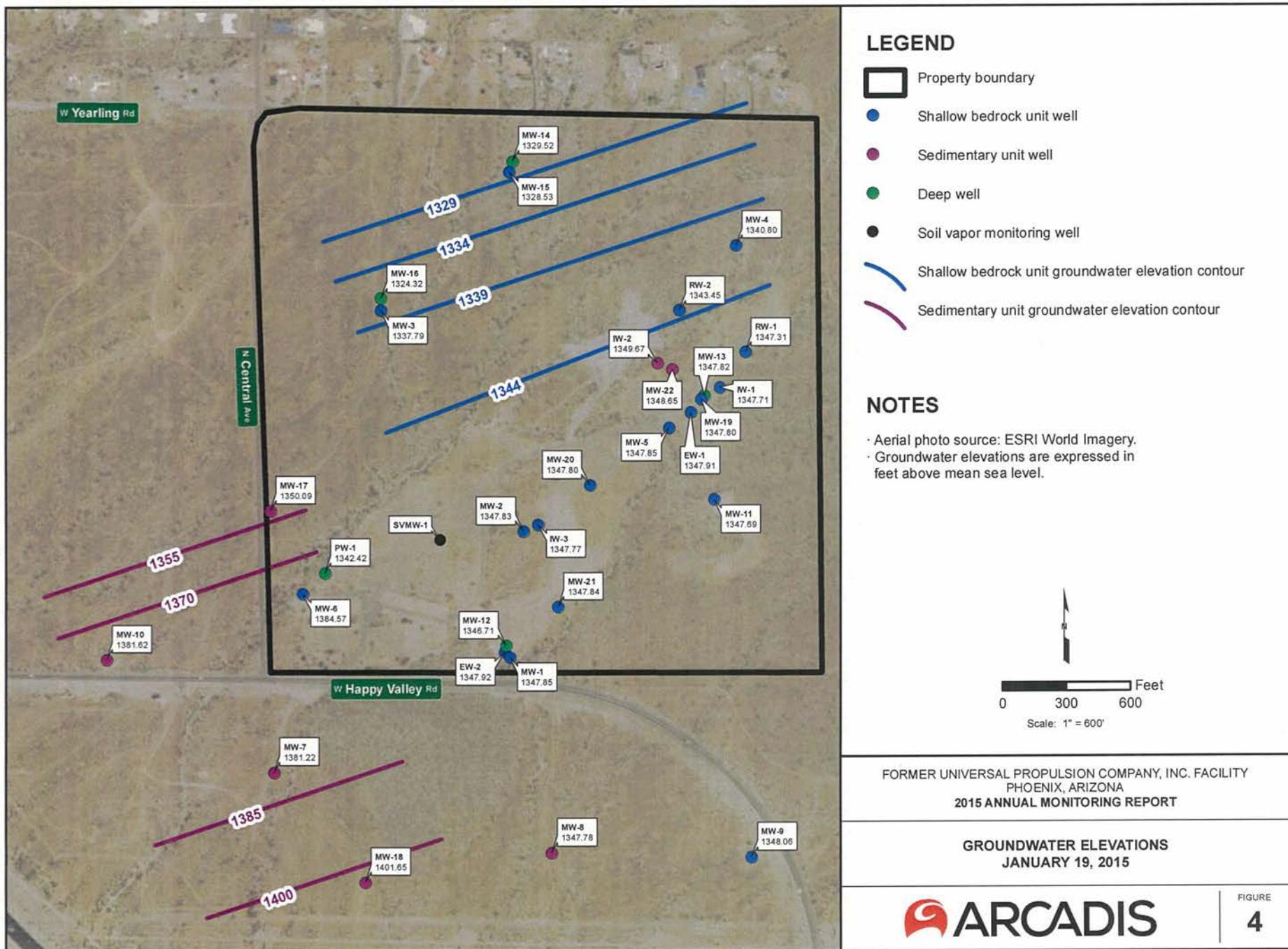
FIGURES

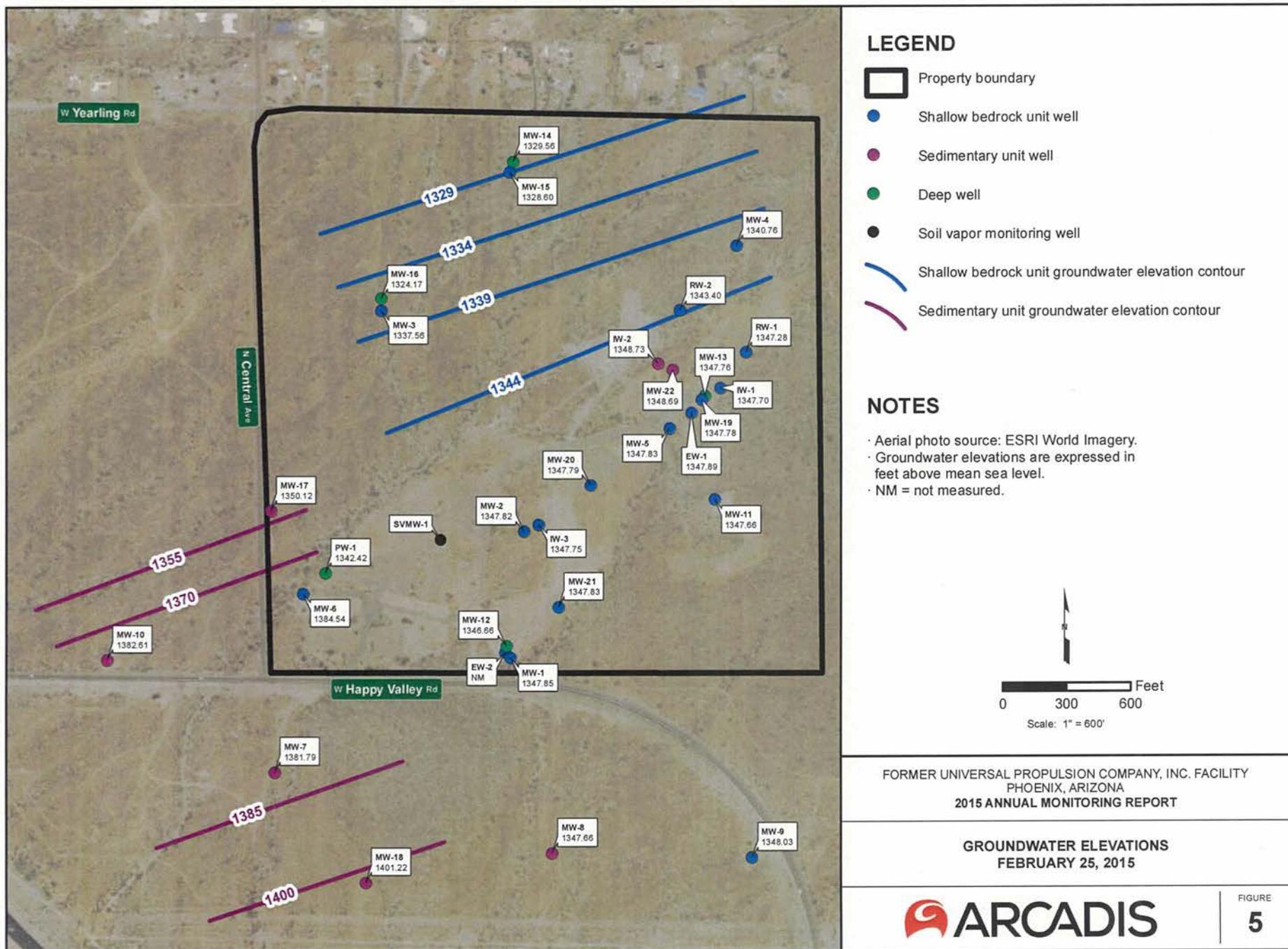


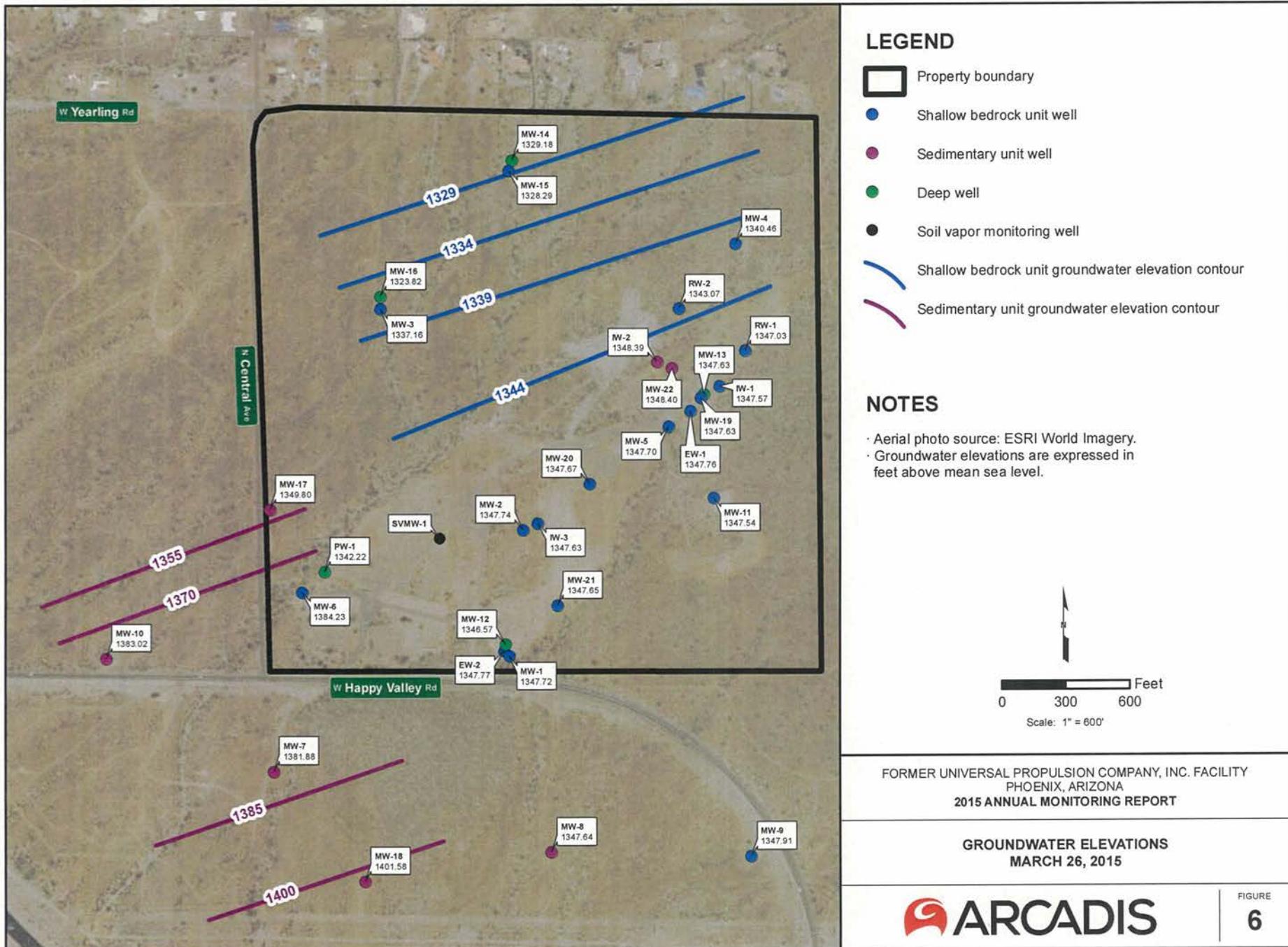


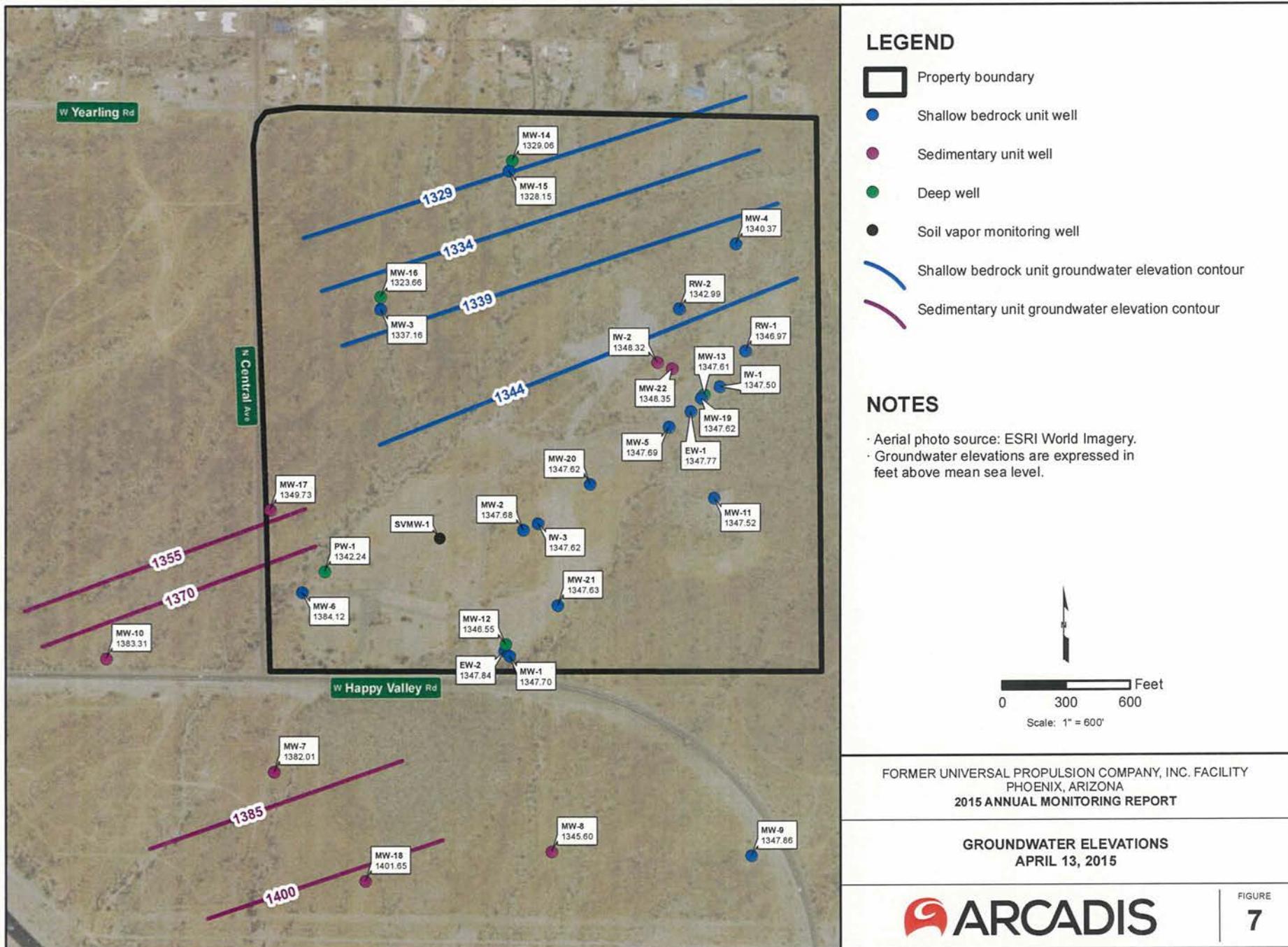


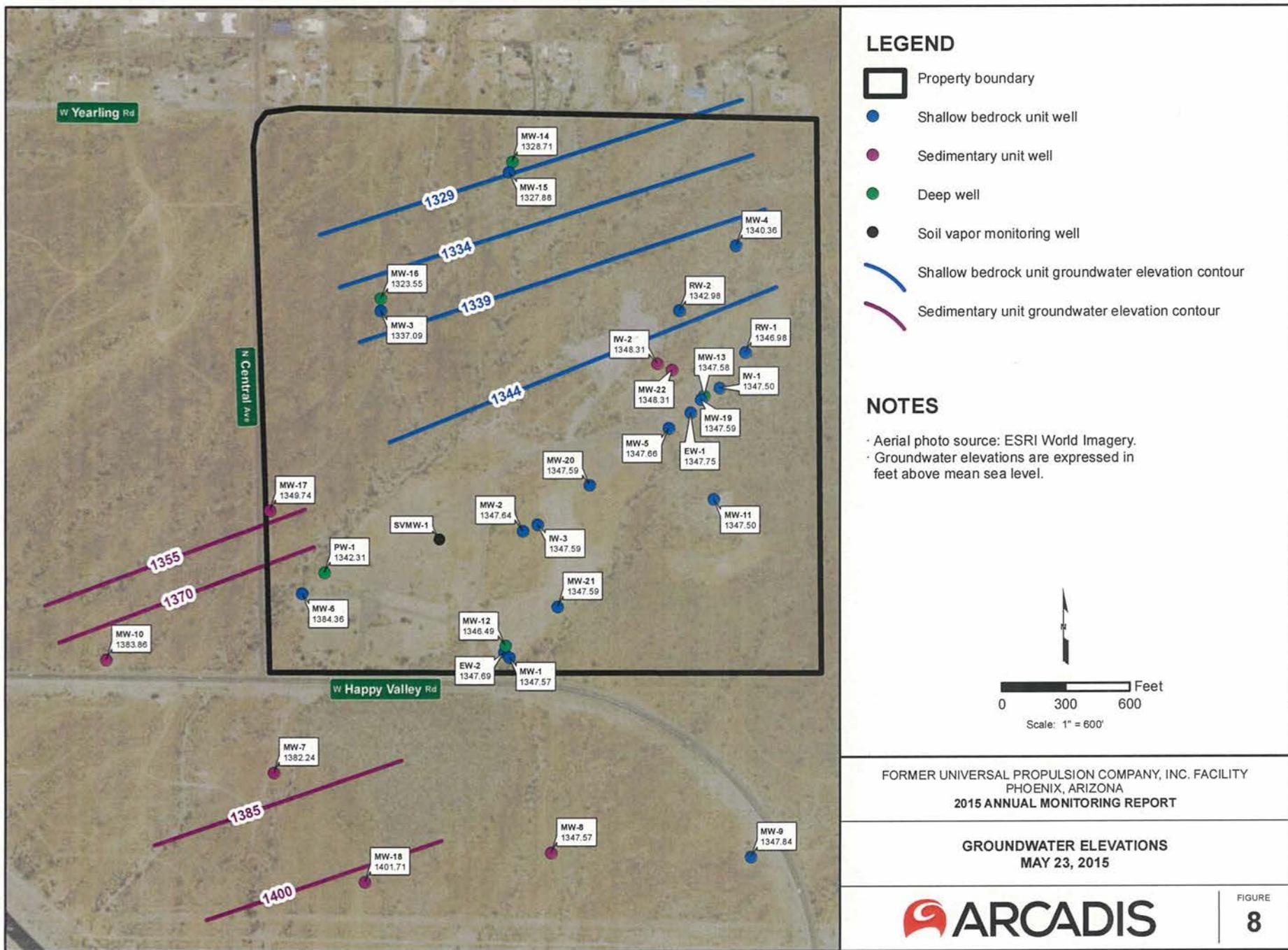


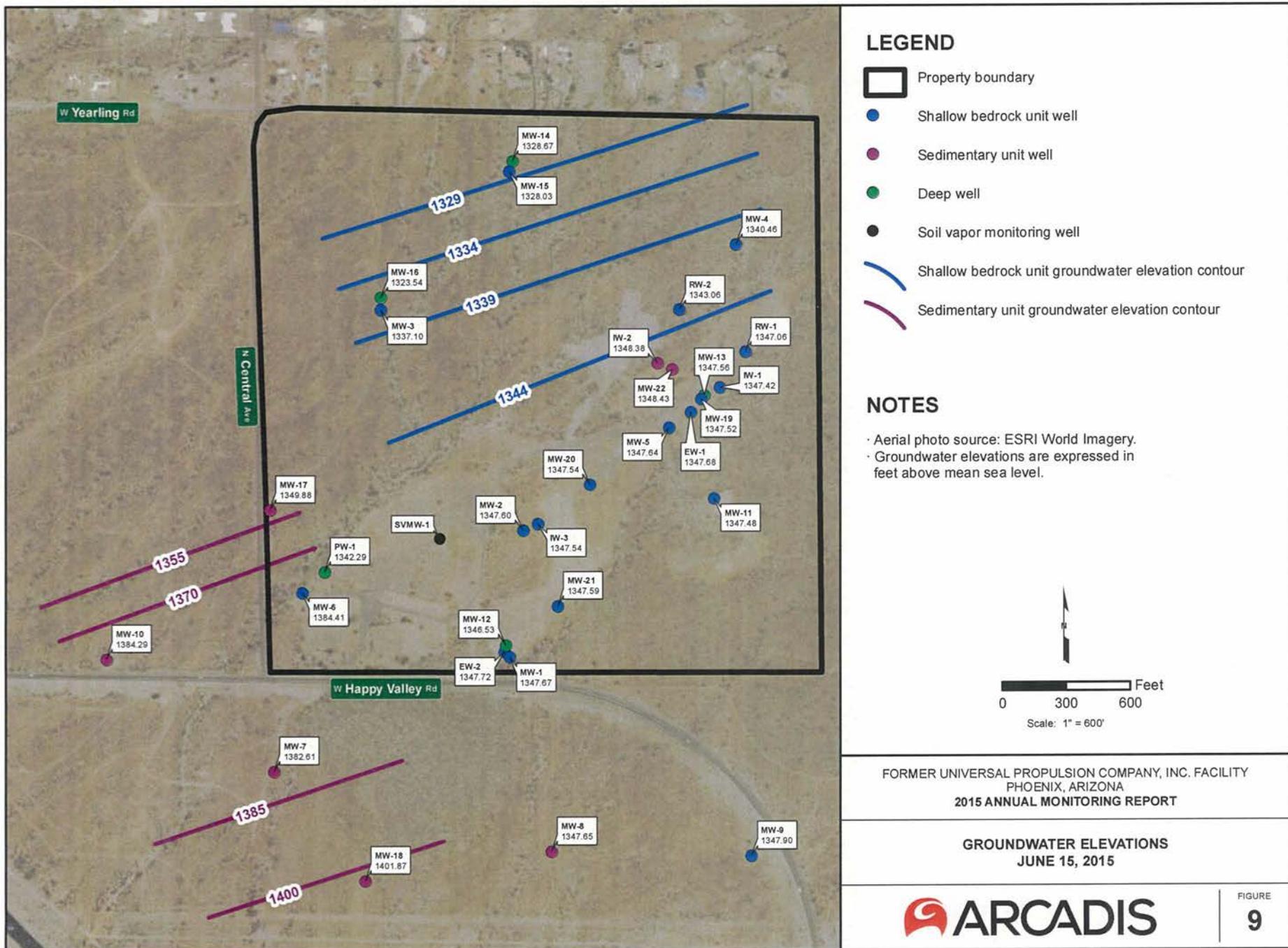


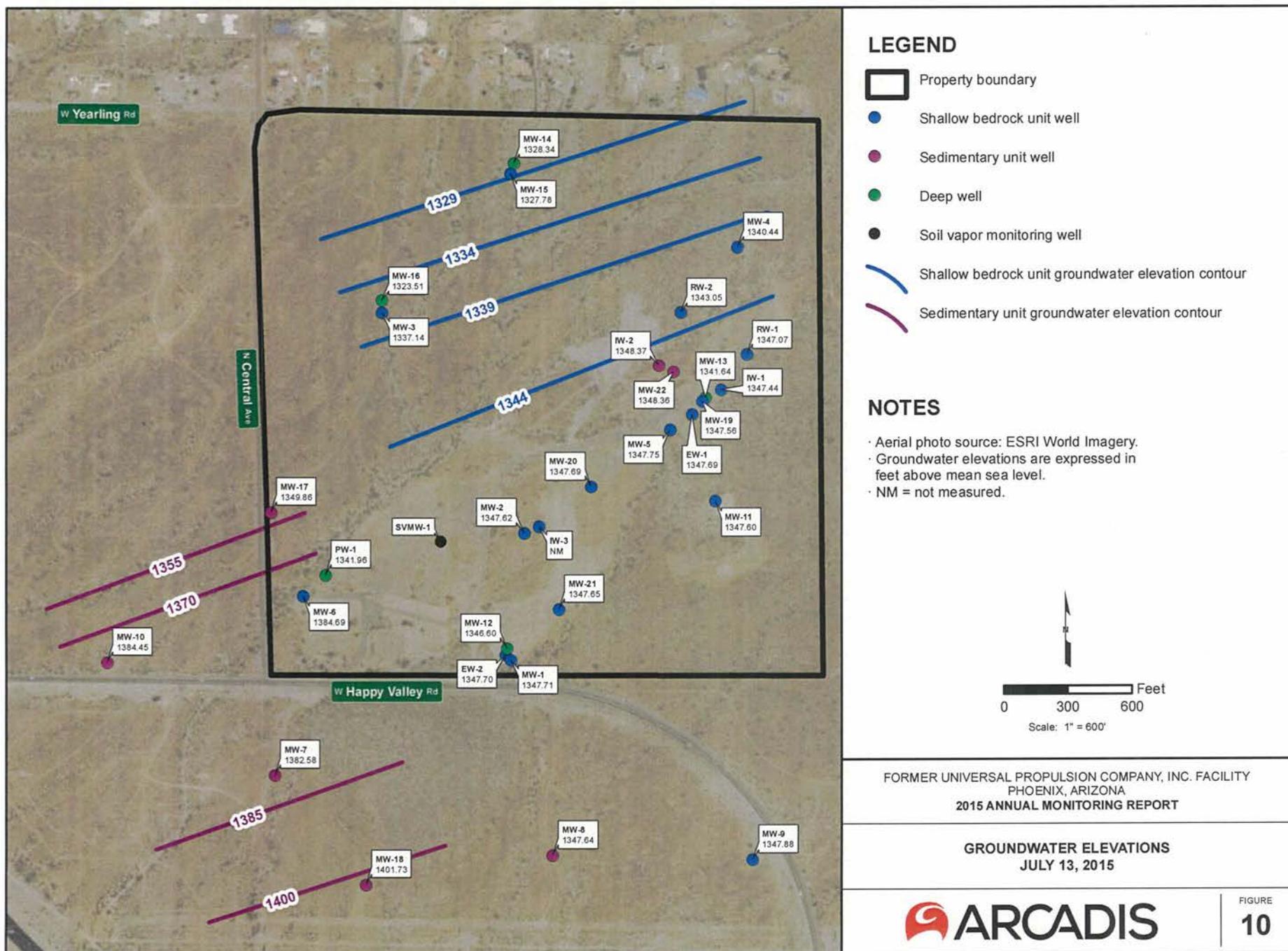


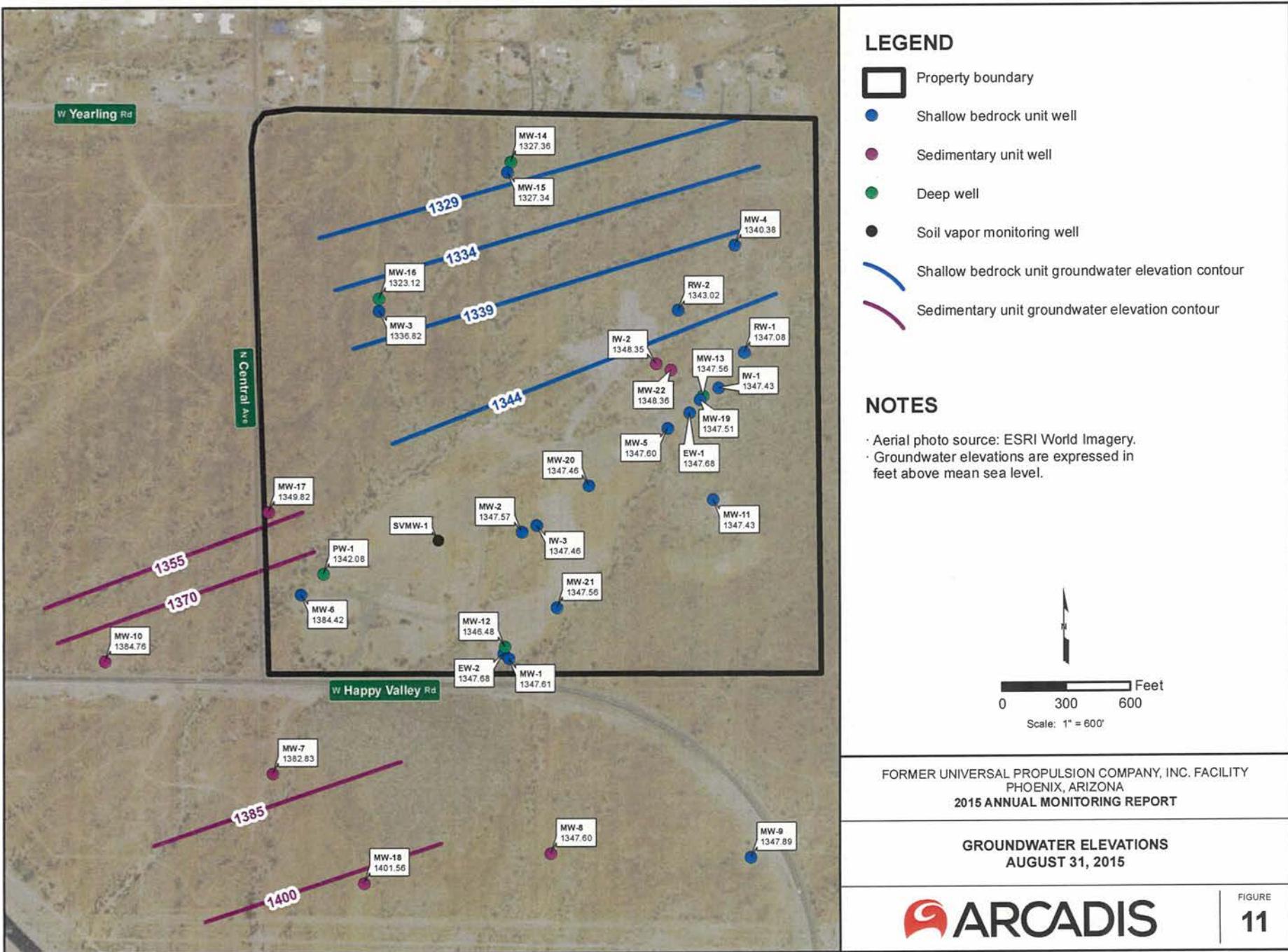


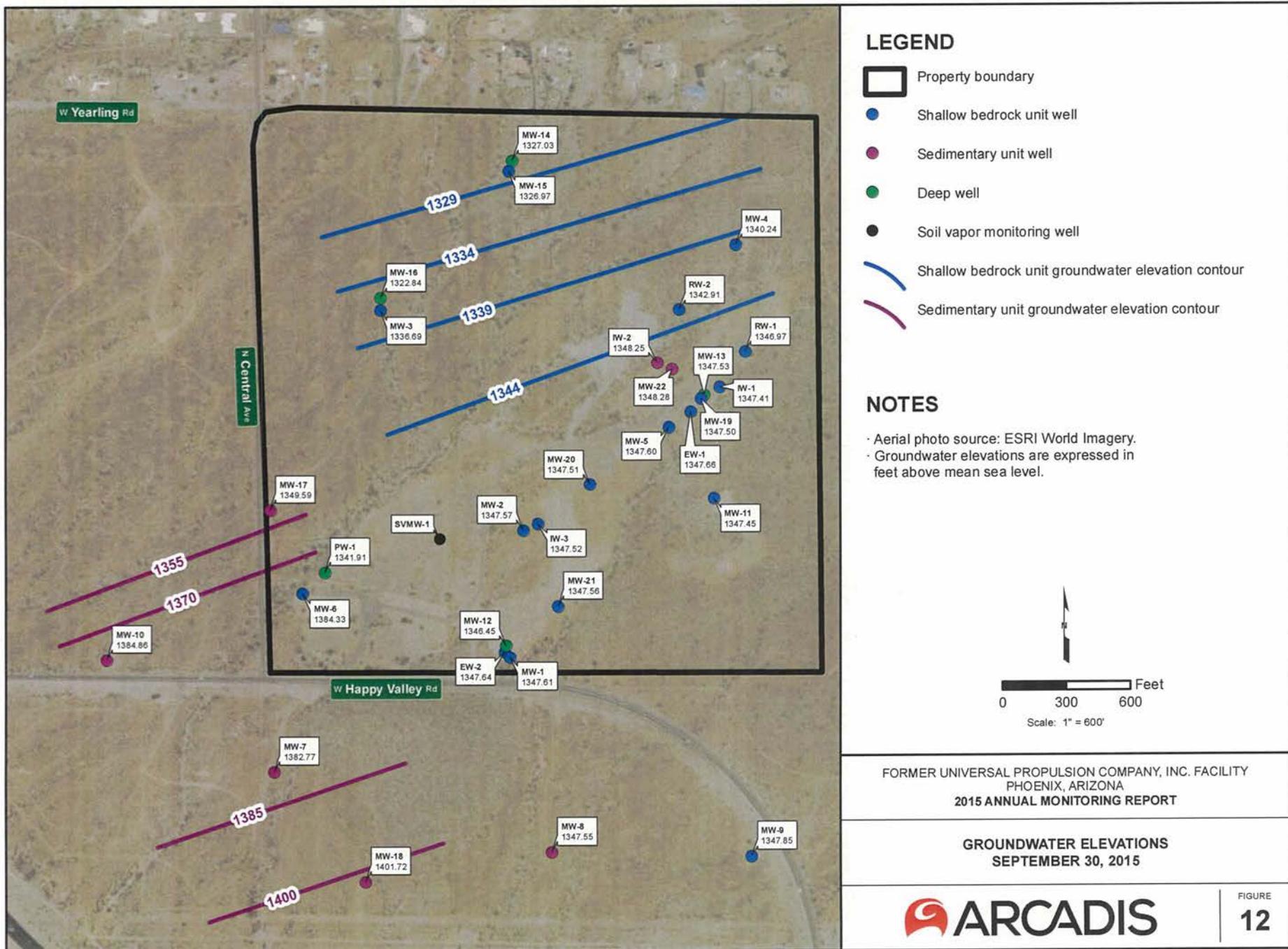


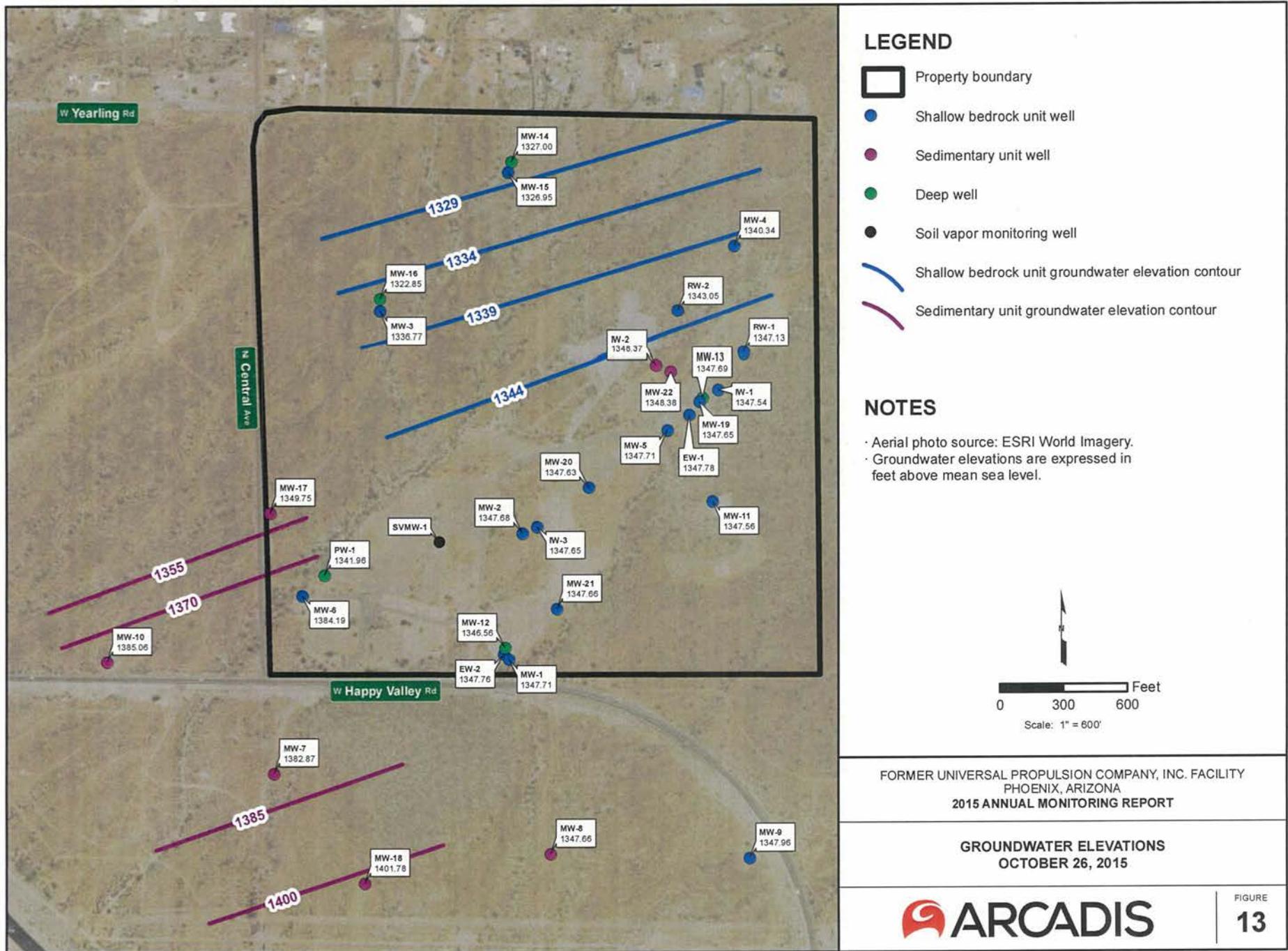


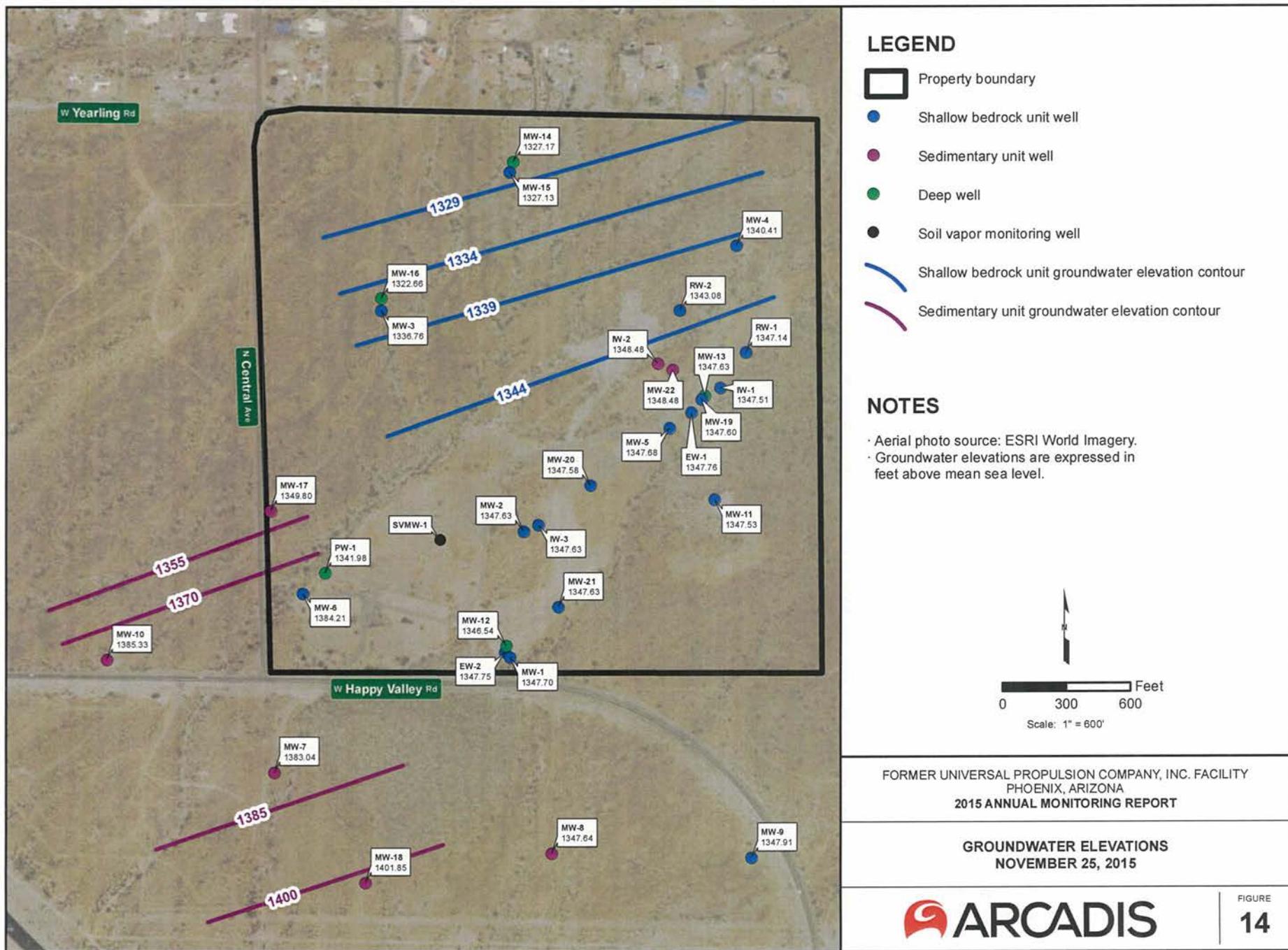


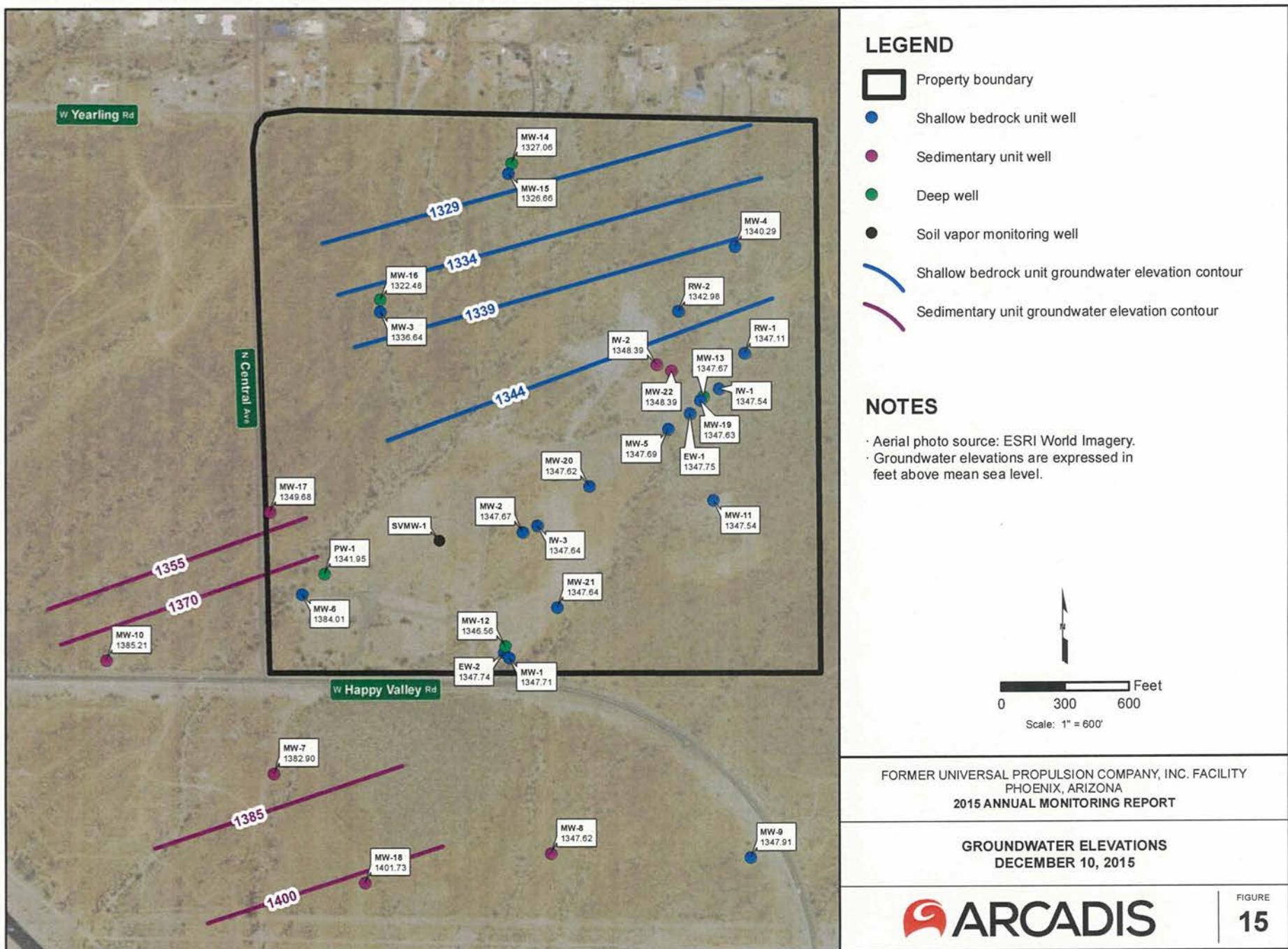


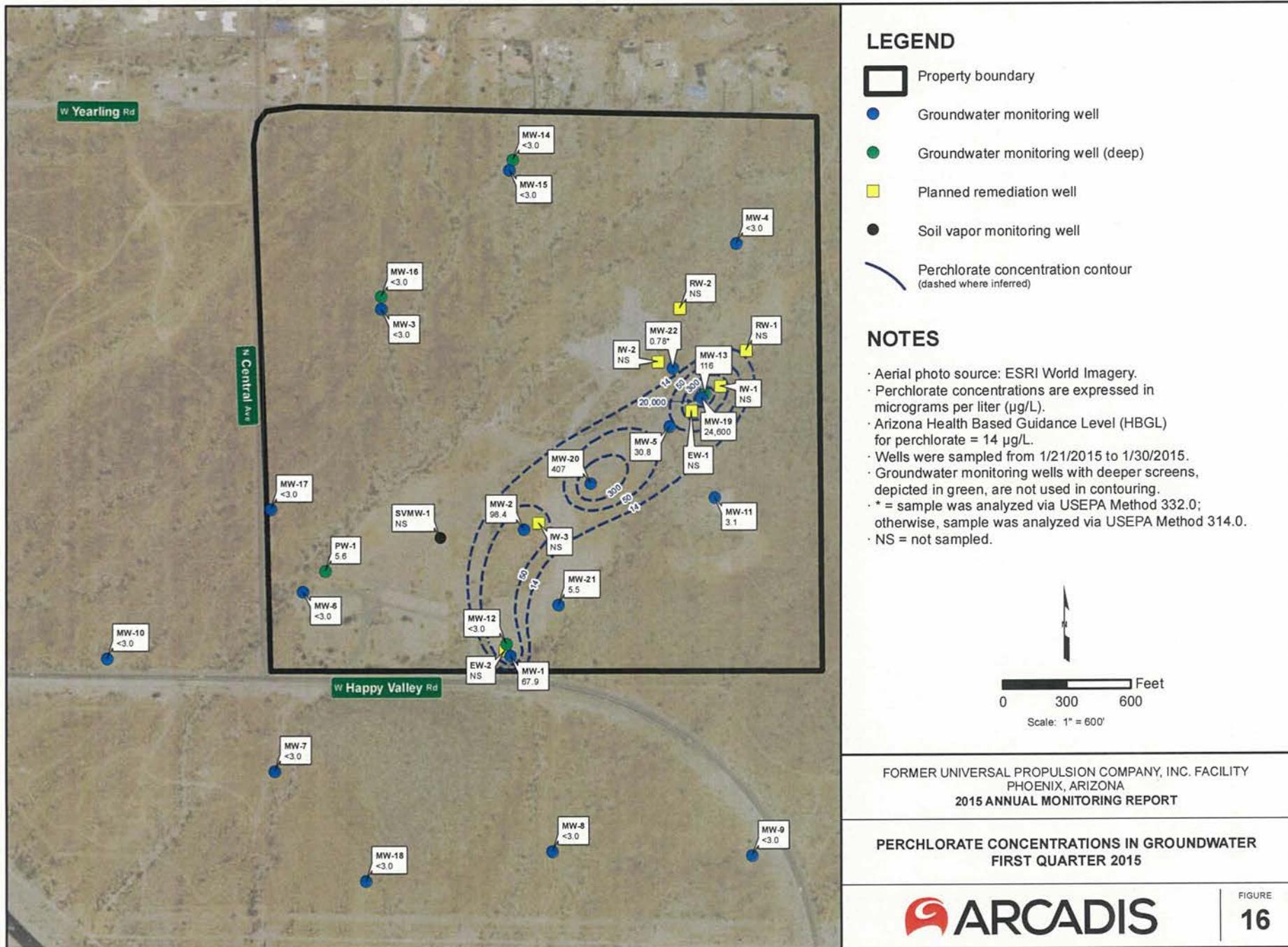


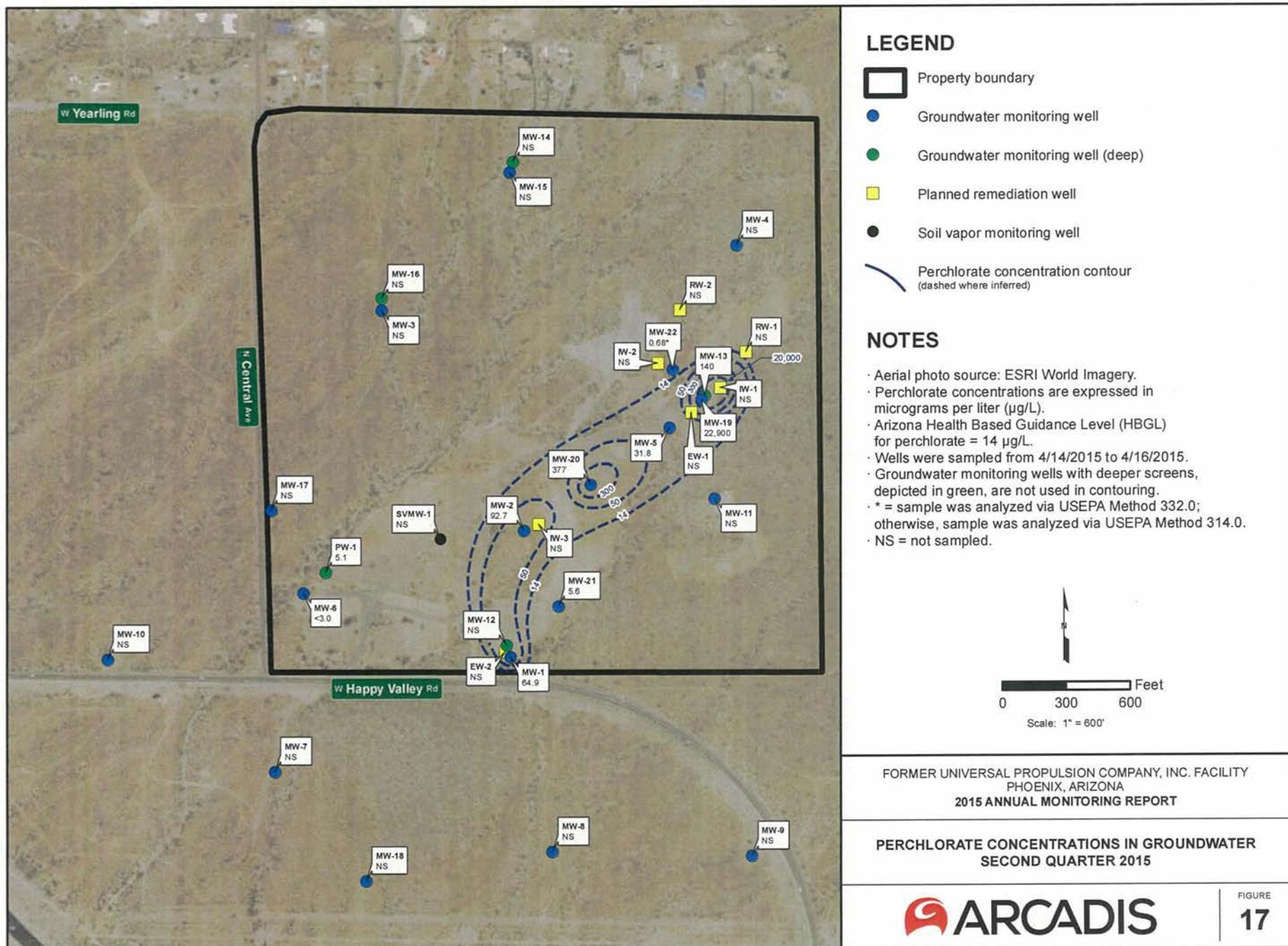


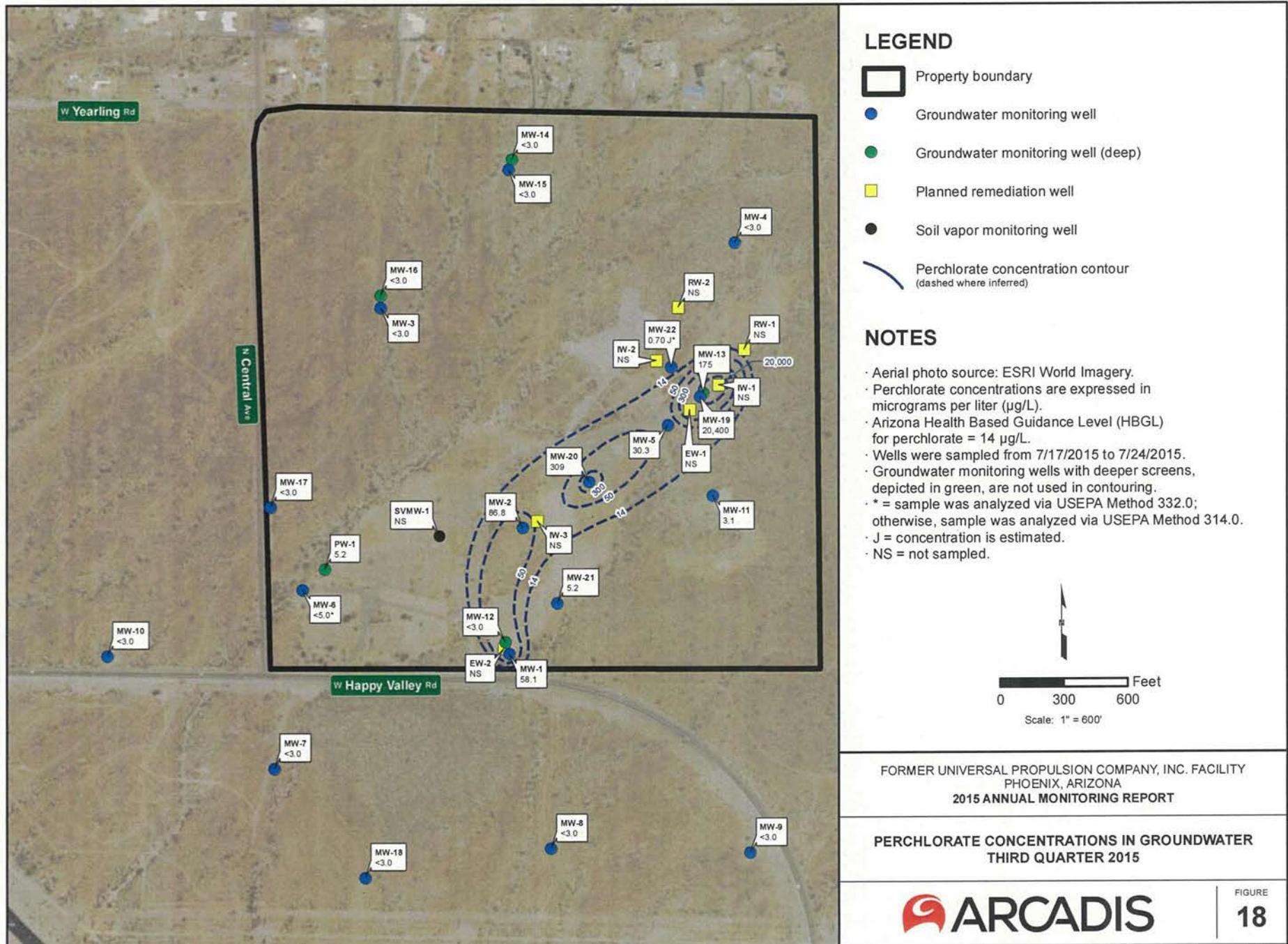


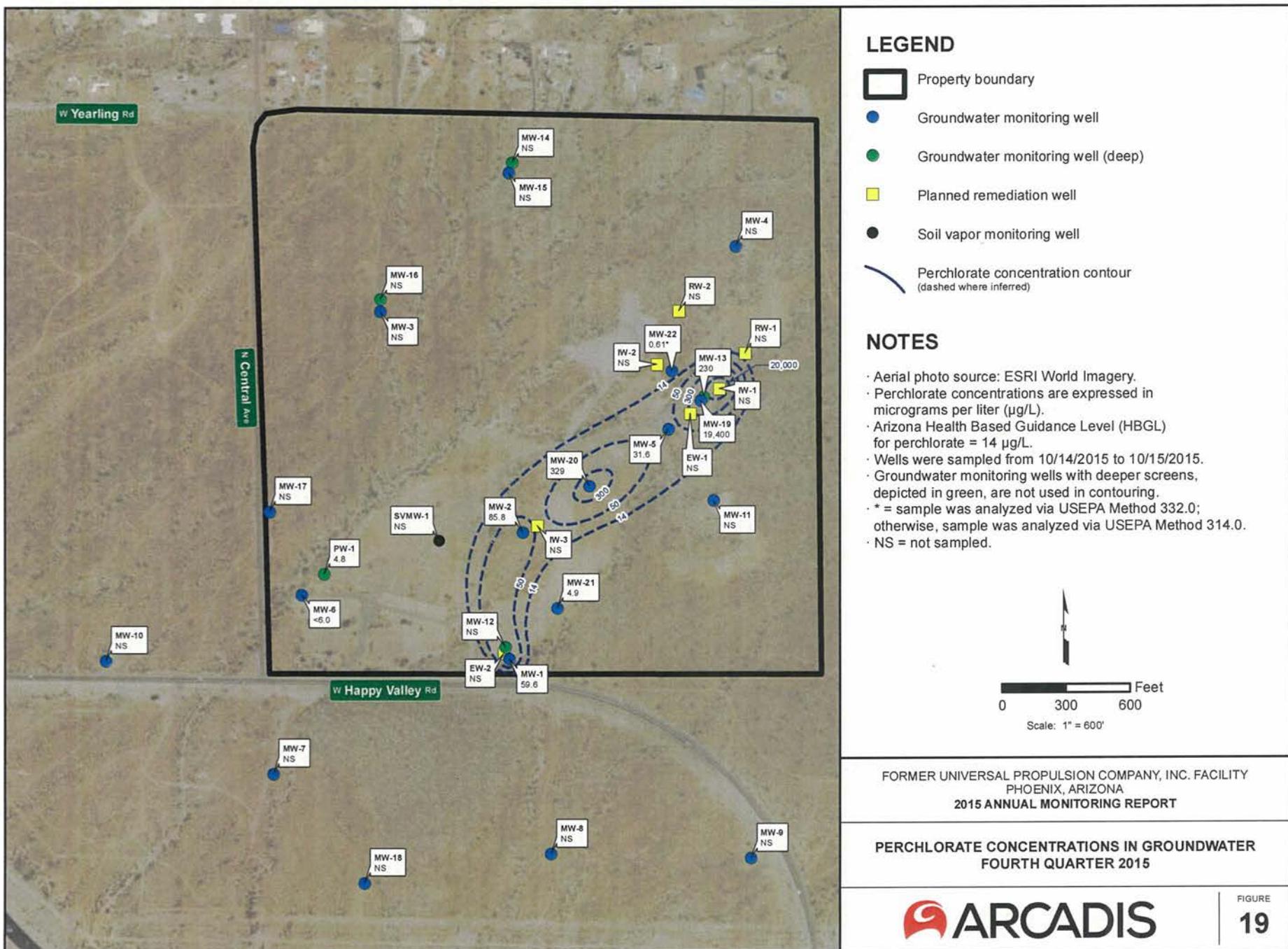






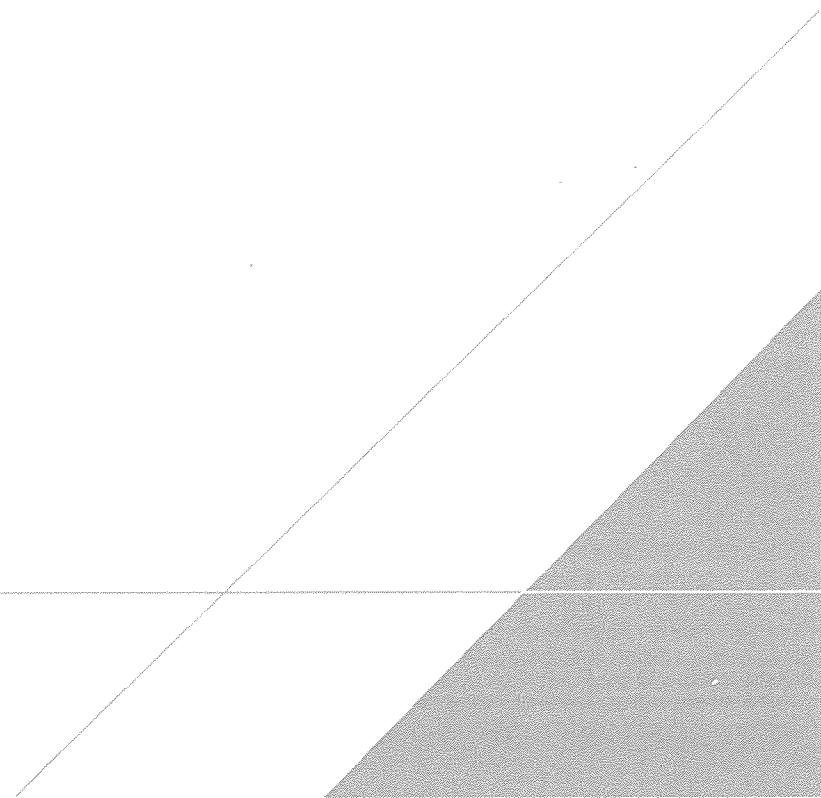


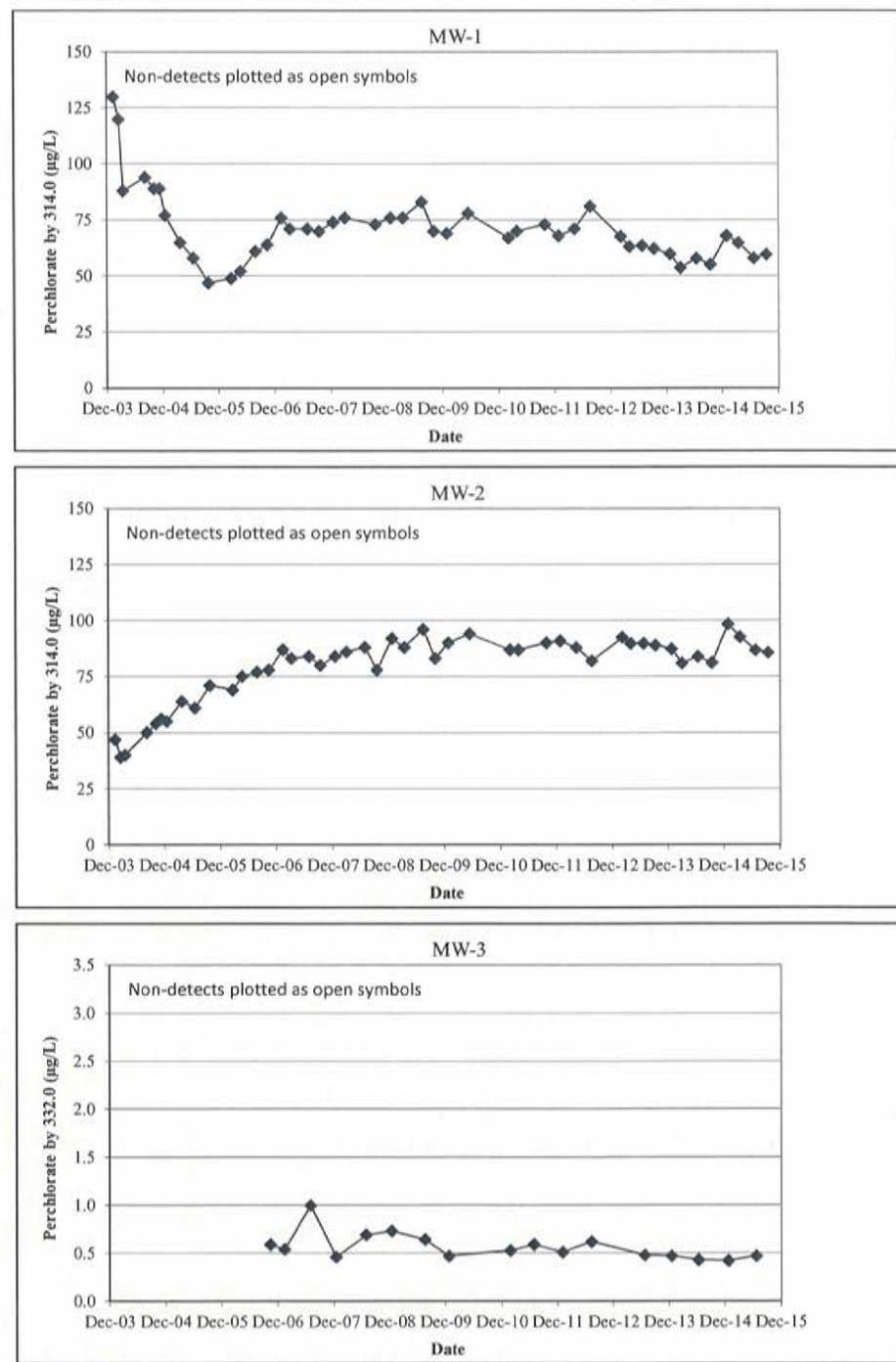


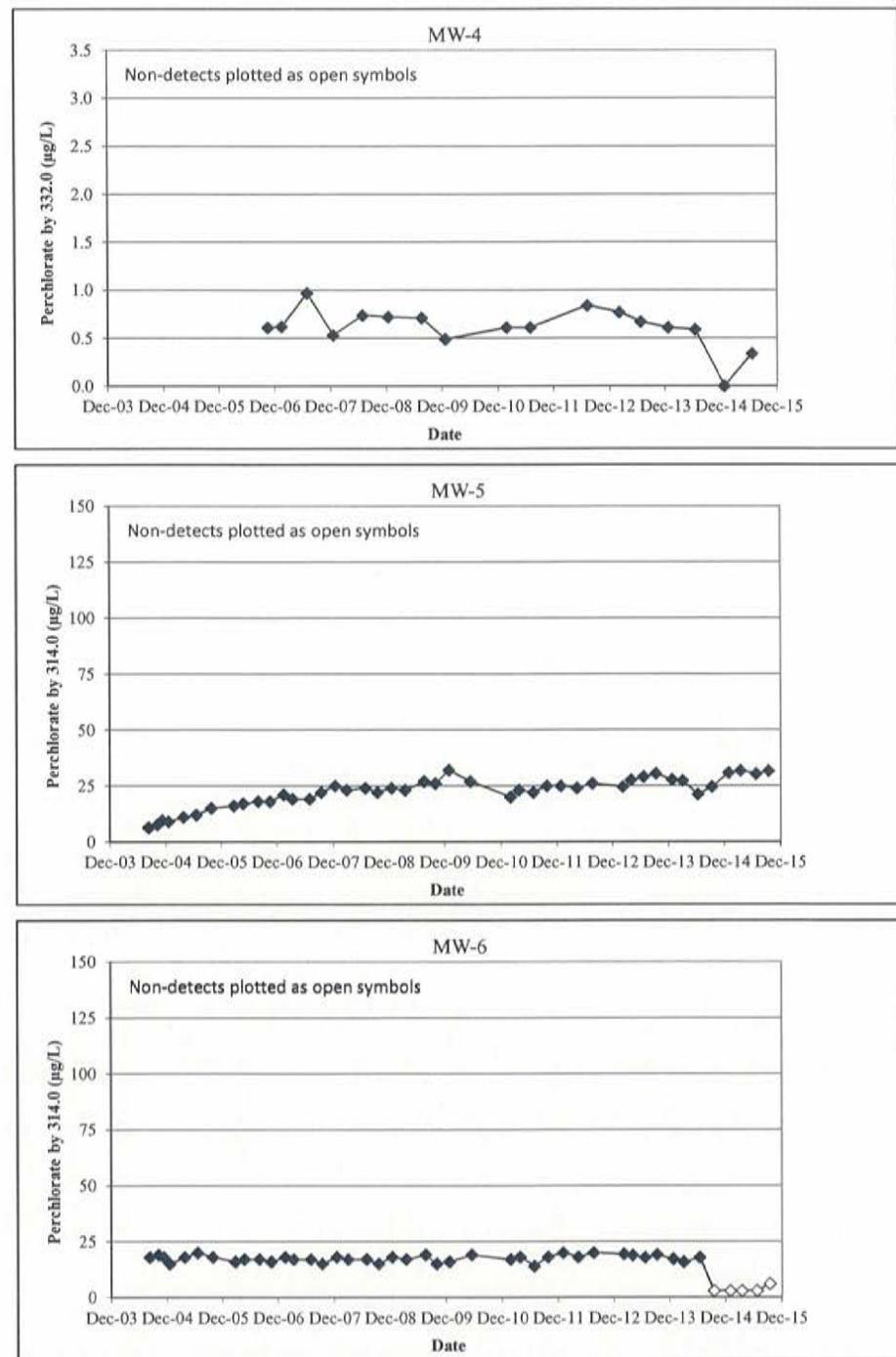


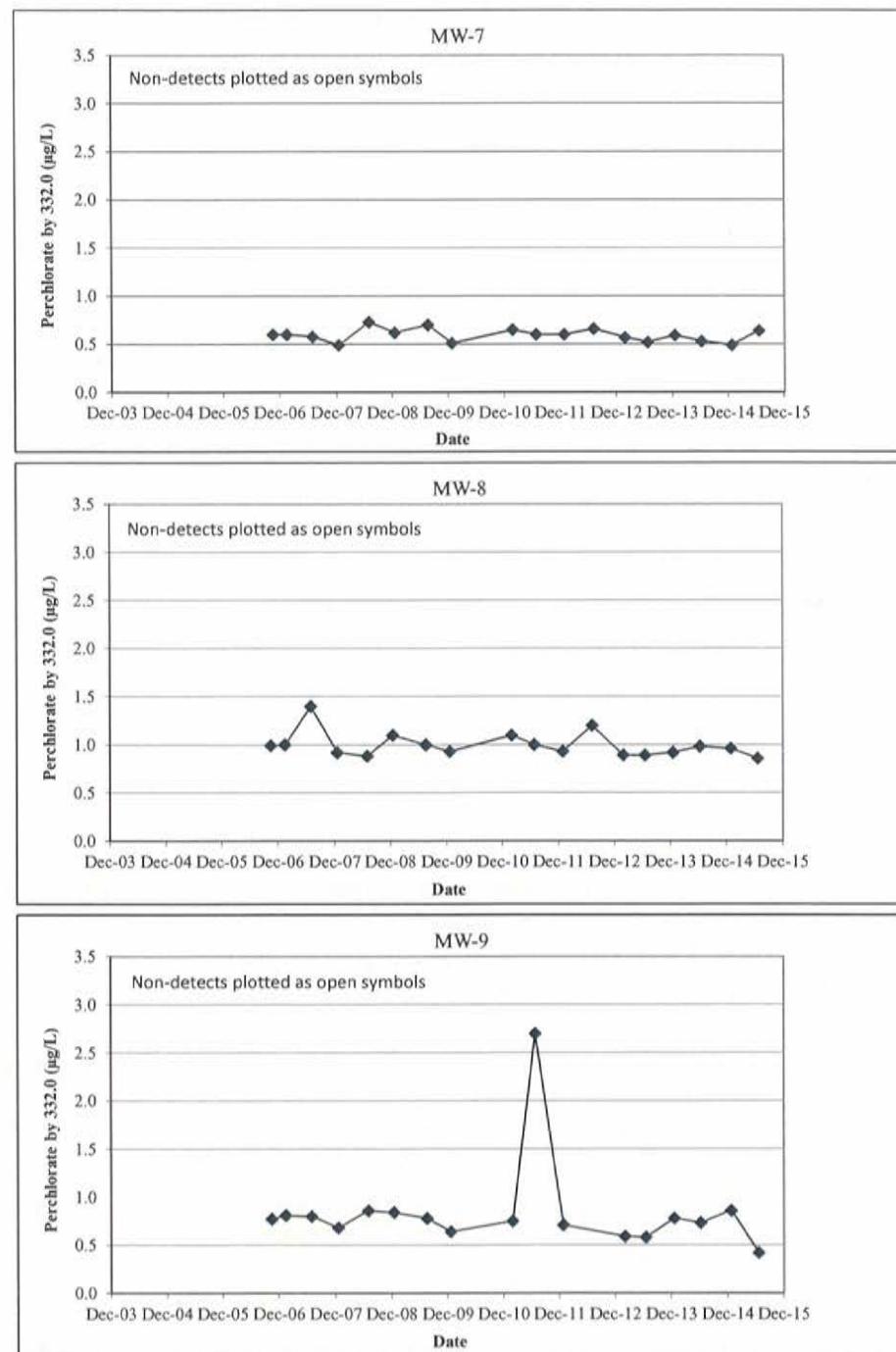
APPENDIX A

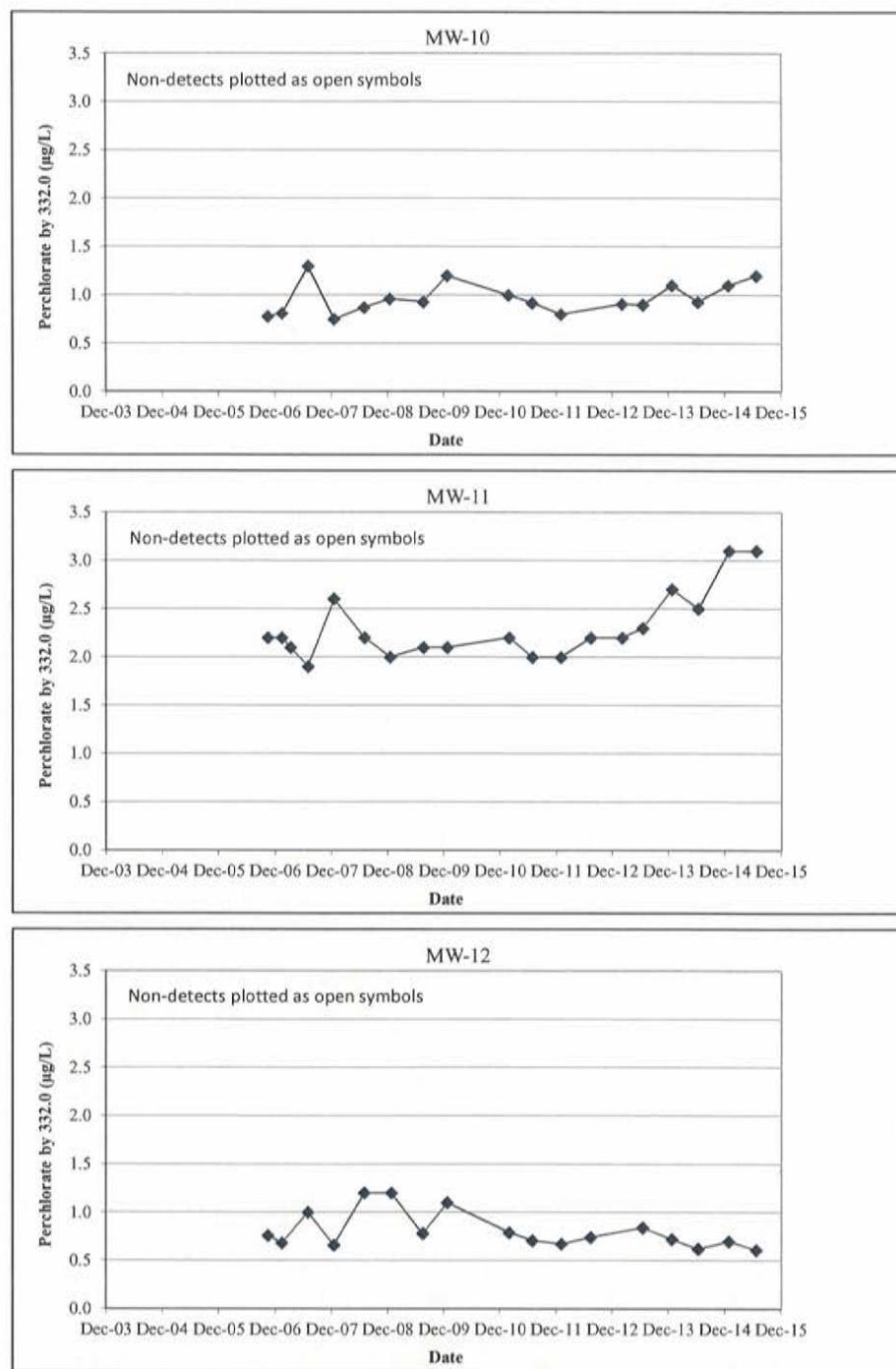
Historical UPCO Well Perchlorate Concentrations and Plots

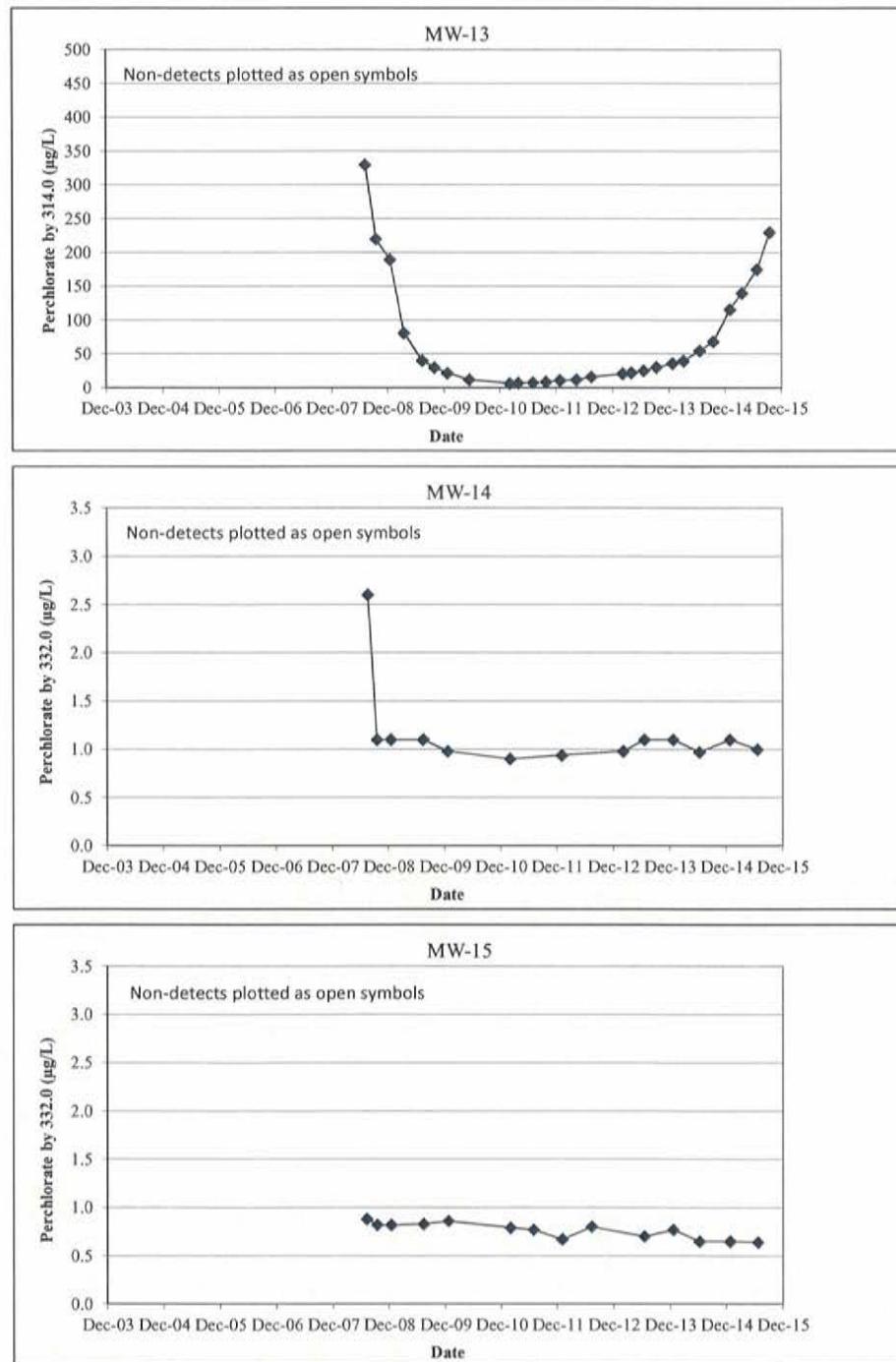


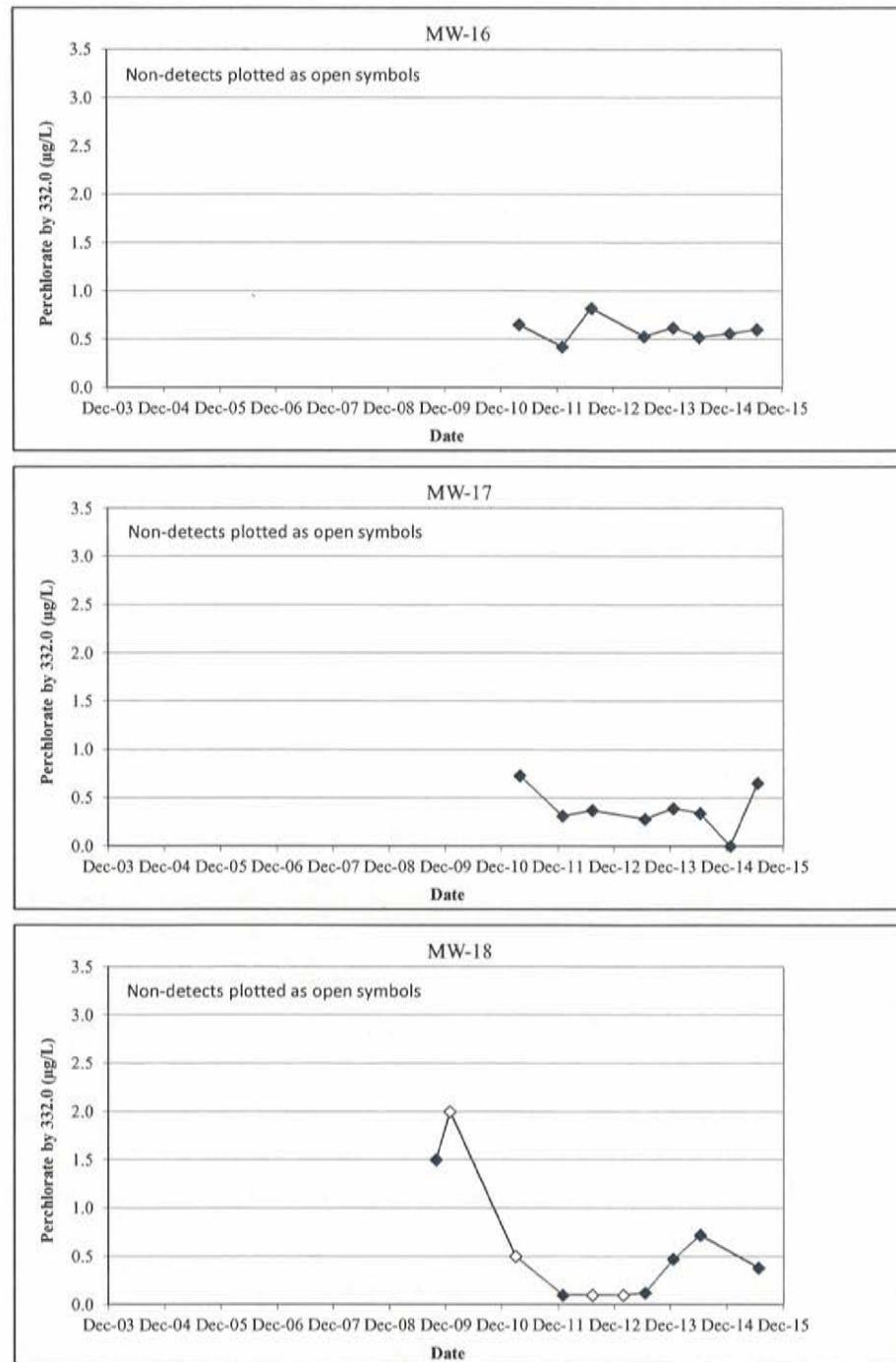


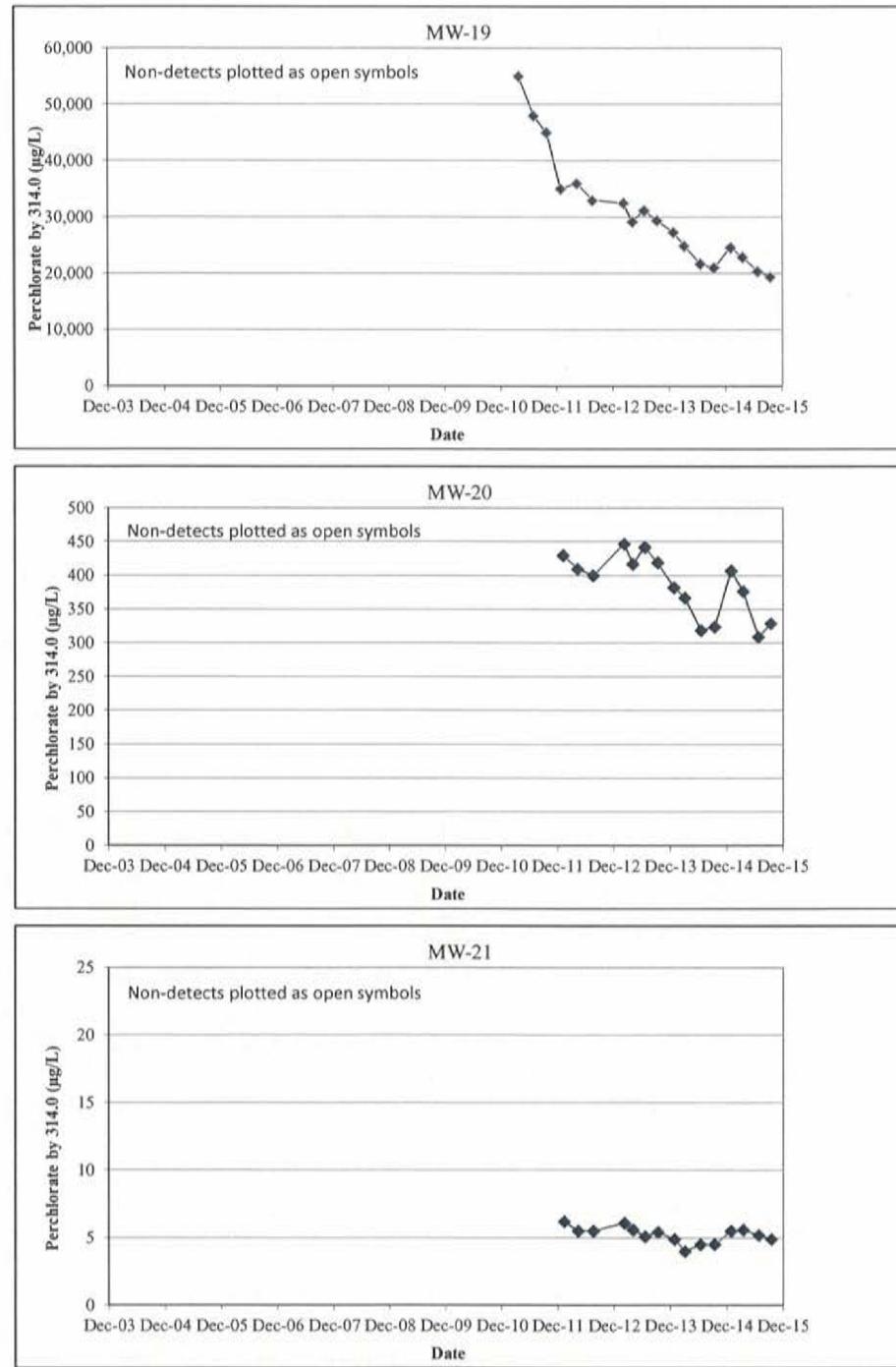


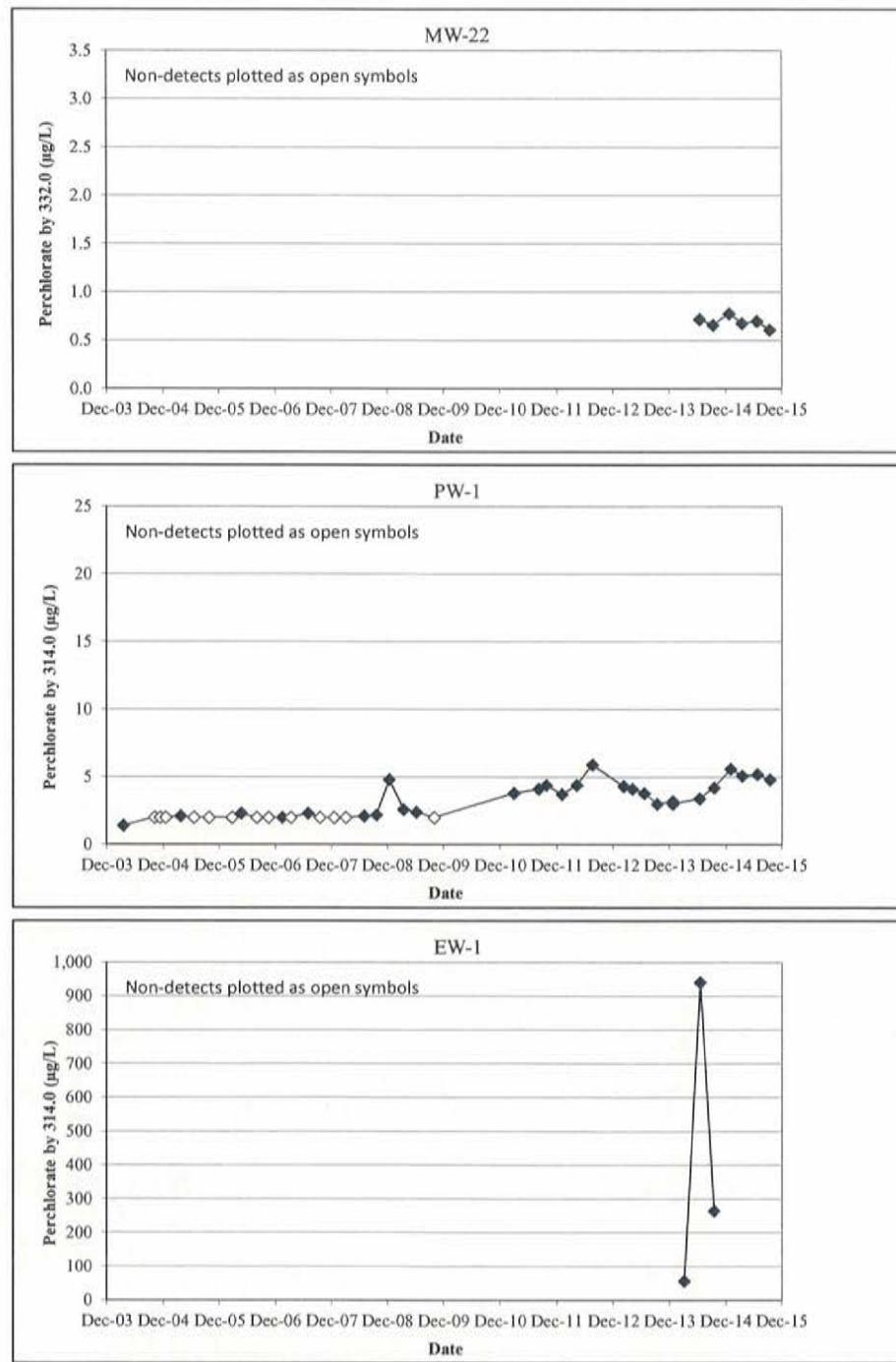


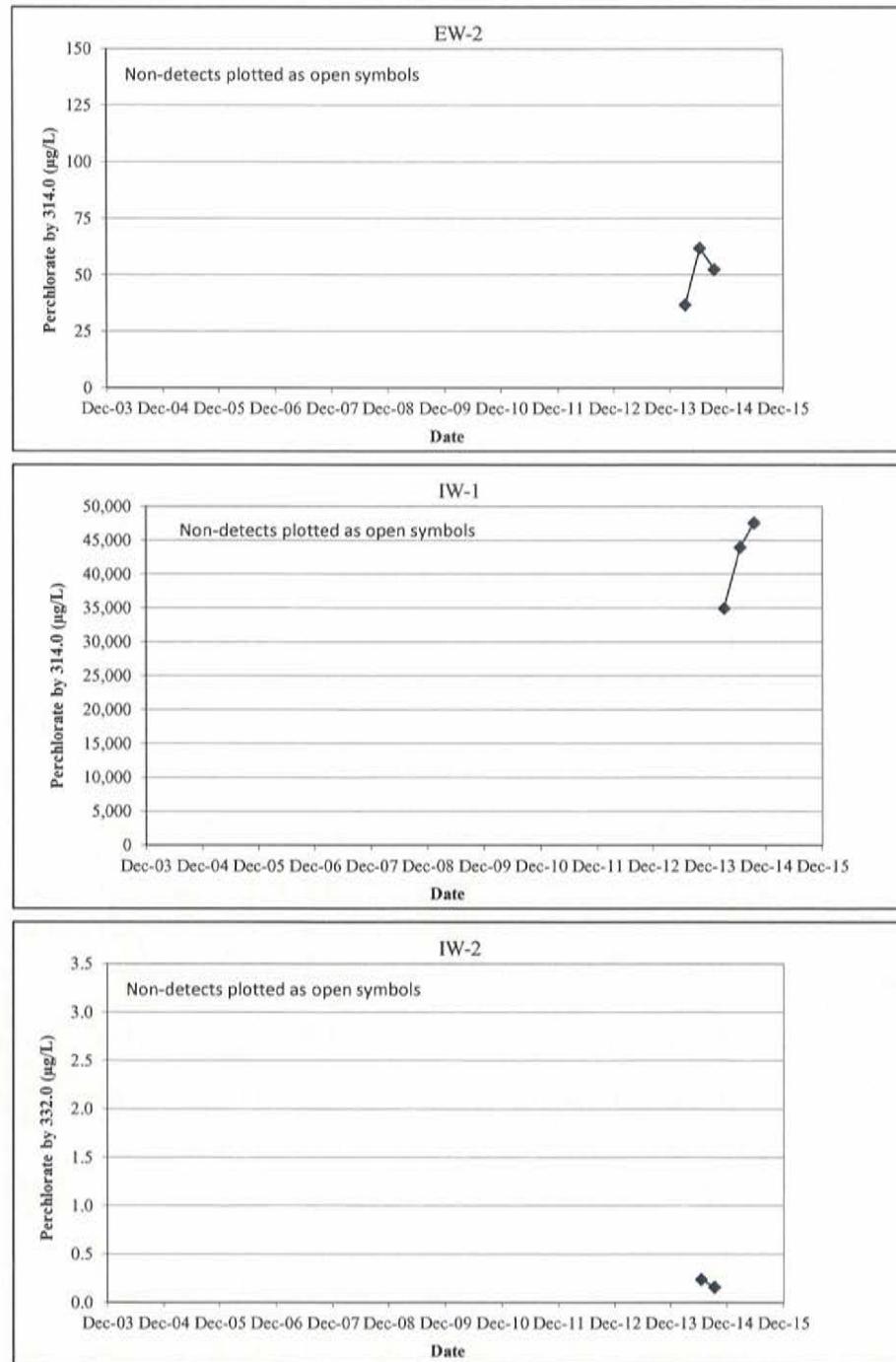


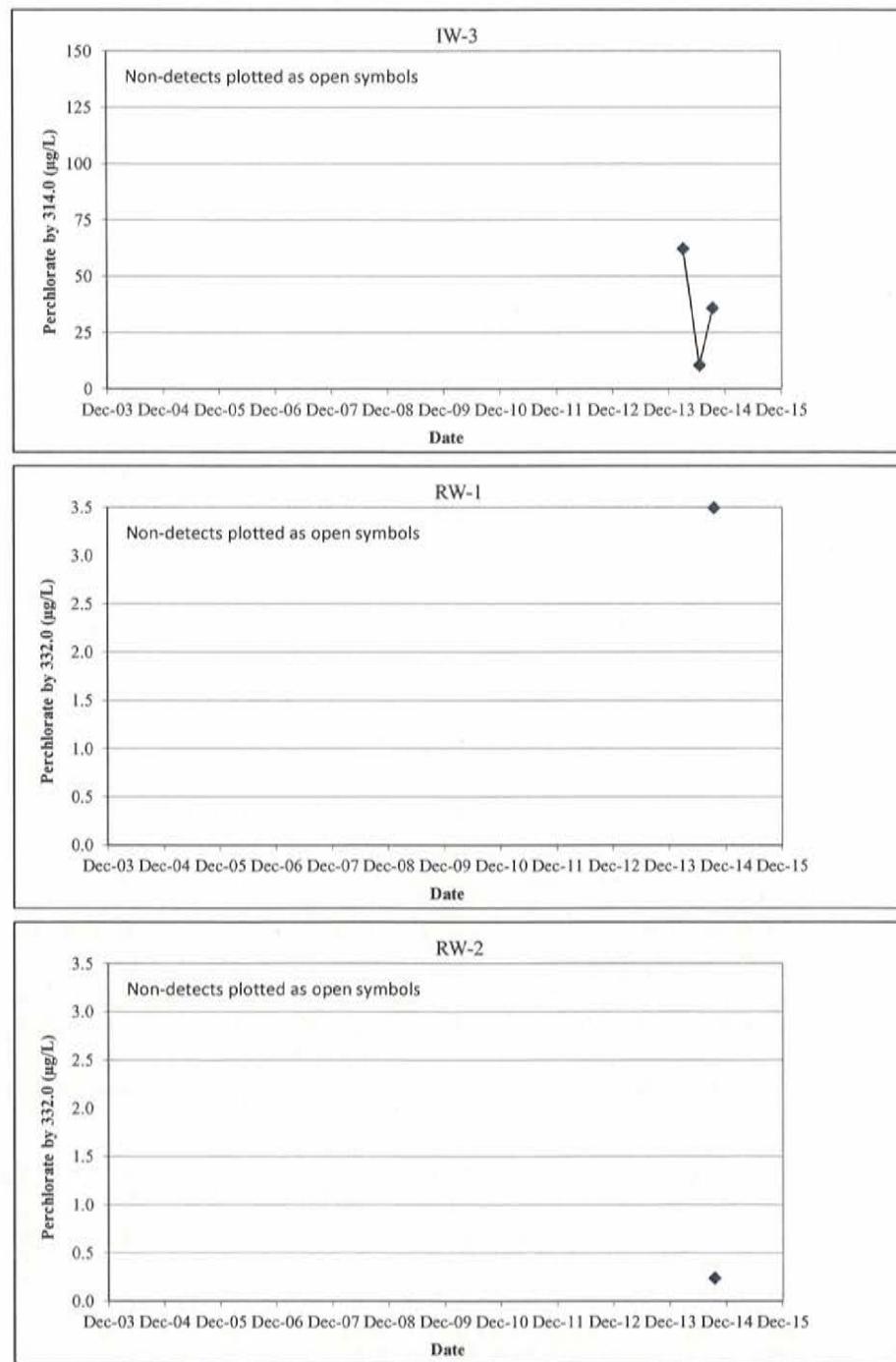






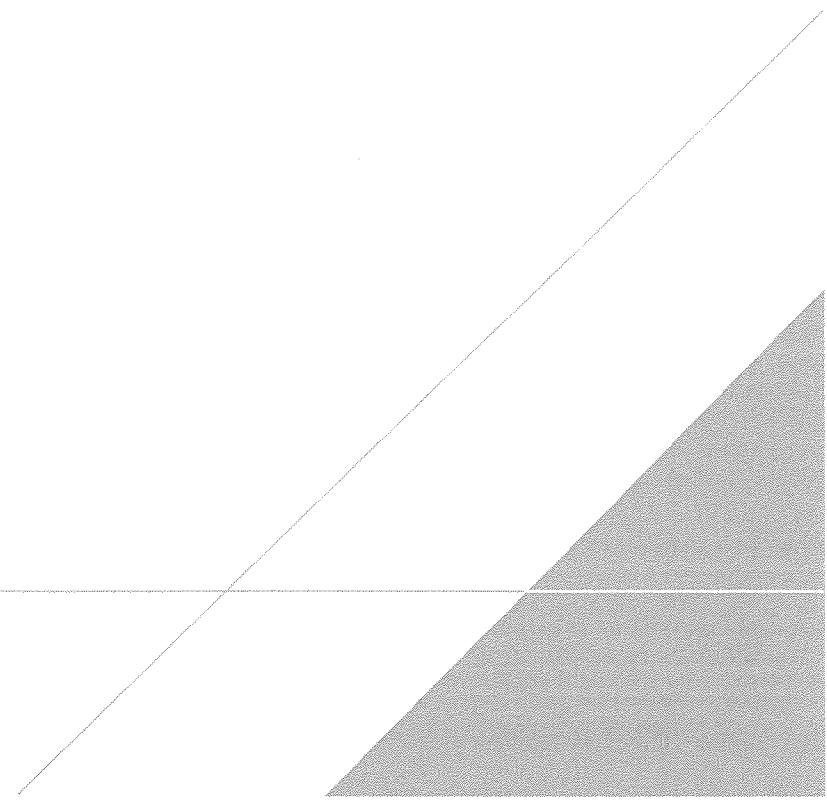






APPENDIX B

IDW Management Summary



Sample Date	Lab Report Number	Sample ID	Bin/Tank ID Numbers	Waste Manifest Number(s)	Sample Location/Remarks	Analysis Method(s)	IDW Classification	Destination	Date(s) Disposed	Quantity (gallons)
First Quarter										
1/21/2015 1/22/2015 1/23/2015 1/26/2015 1/27/2015	C38219 C38289 440-99937 440-100314	MW-3, MW-4, MW-7 through MW-10, MW-12, MW-14 through MW-18, MW-21, MW-22	Baker Tank 1	24370	Perchlorate impacted water	USEPA 314.0 USEPA 332.0 USEPA 200.8 USEPA 245.1 USEPA 8260B USEPA 8260B-SIM	Non-Hazardous	Liquid Environmental Solutions	2/6/2015	5,000
1/27/2015 1/28/2015 1/30/2015	C38289 C38303	MW-1, MW-2, MW-5, MW-11, MW-13, PW-1	Baker Tank 2	24371	Perchlorate impacted water	USEPA 314.0 USEPA 332.0 USEPA 200.8 USEPA 245.1 USEPA 8260B USEPA 8260B-SIM	Non-Hazardous	Liquid Environmental Solutions	2/6/2015	5,000
1/29/2015	C38289	MW-19 MW-20	Totes	850Z-1111175	Perchlorate impacted water	USEPA 314.0 USEPA 332.0 USEPA 200.8 USEPA 245.1 USEPA 8260B USEPA 8260B-SIM	Non-Hazardous	Stericycle	2/6/2015	660
1/5/1900	C38289	MW-19 MW-20	Totes	850Z-1111175	Perchlorate impacted water	USEPA 314.0 USEPA 332.0 USEPA 200.8 USEPA 245.1 USEPA 8260B USEPA 8260B-SIM	Non-Hazardous	US Ecology	2/6/2015	660
Second Quarter										
4/14/2015 4/15/2015 4/16/2015	C39430 J107292-1	MW-1, MW-2, MW-5, MW-6, MW-13, MW-21, MW-22, PW-1	Baker Tank	38852	Perchlorate impacted water	USEPA 314.0	Non-Hazardous	Liquid Environmental Solutions	4/22/2015	2,600
4/16/2015	C39430	MW-19, MW-20	Totes	850Z-1122669	Perchlorate impacted water	USEPA 314.0	Non-Hazardous	US Ecology	4/22/2015	600

Sample Date	Lab Report Number	Sample ID	Bin/Tank ID Numbers	Waste Manifest Number(s)	Sample Location/Remarks	Analysis Method(s)	IDW Classification	Destination	Date(s) Disposed	Quantity (gallons)
Third Quarter										
7/17/2015, 7/21/2015, 7/22/2015, 7/24/2015	C40942	MW-2, MW-3, MW-4, MW-6, MW-7, MW-8, MW-9, MW-10, MW-11, MW-12, MW-14, MW-15, MW-16, MW-17, MW-18, MW-22	Tank 1	67752	Perchlorate impacted water	USEPA 314.0 USEPA 332.0 USEPA 200.8 USEPA 245.1 USEPA 8260B USEPA 8260B-SIM	Non-Hazardous	Liquid Environmental Solutions	7/29/2015	4,500
7/23/2015, 7/24/2015	C40942 440-116272	MW-1, MW-2, MW-5, MW-13, MW-21, PW-1	Tank 2	67753	Perchlorate impacted water	USEPA 314.0 USEPA 8260B USEPA 8260B-SIM	Non-Hazardous	Liquid Environmental Solutions	7/29/2015	2,500
7/24/2015	C40942	MW-19 MW-20	Totes	1135500	Perchlorate impacted water	USEPA 314.0	Non-Hazardous	US Ecology	8/13/2015	600
Fourth Quarter										
10/14/2015 10/15/2015	C42339 J124693-1 J124693-2	MW-1, MW-2, MW-5, MW-6, MW-13, MW-21, MW-22, PW-1	Baker Tank	64227	Perchlorate impacted water	USEPA 314.0 USEPA 332.0	Non-Hazardous	Liquid Environmental Solutions	11/6/2015	3,000
10/15/2015	C42339	MW-19, MW-20	Totes	1148806	Perchlorate impacted water	USEPA 314.0	Non-Hazardous	US Ecology	11/9/2015	585

Notes:

IDW = investigative derived waste

USEPA = United States Environmental Protection Agency



LIQUID ENVIRONMENTAL SOLUTIONS

24370
1190578

NON-HAZARDOUS WASTE MANIFEST

Profile Number

5307

Generator Name	Name: <u>LPCO</u>	Generator Address	Address: <u>7540 N Central Ave</u>
	Phone: ()		City: <u>Phoenix</u> State: <u>AZ</u> Zip: <u>85085</u>

Check with your state and local regulatory agencies for manifest retention requirements. NOTE: Many regulatory agencies require records to be kept on site and available to review for up to 3 years.

Waste Type	<input type="checkbox"/> Grease Trap <input type="checkbox"/> Grit Trap <input type="checkbox"/> Septic/Chemical Toilet <input type="checkbox"/> Non-Industrial <input checked="" type="checkbox"/> Industrial <input type="checkbox"/> Special <input type="checkbox"/> Used Cooking Oil <input type="checkbox"/> Recyclable Used Oil
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I certify that the waste material removed from the above premises does not contain any radioactive, flammable, explosive, toxic or hazardous material ("Excluded Waste"). The term "hazardous material" is defined as any one or more pollutant, toxic substance, hazardous substance, solvent or oil as defined in or pursuant to the Resource Conservation and Recovery Act, the Comprehensive Environmental Response Compensation and Liability Act, the Federal Clean Water Act, or any other federal, state or local environmental law, regulation, ordinance, or rule, whether existing as of the date of this agreement or subsequently enacted. I also acknowledge that the Generator shall be responsible for any costs incurred by the Transporter or Disposal Facility in handling or proper disposal of any hazardous waste and that the Generator expressly agrees to defend, indemnify and hold harmless the Transporter from and against any and all damages, costs, fines and liabilities resulting from or arising out of any such hazardous waste.

Generator Rep. Name (please print)	<u>Agent for LPCO</u> <u>Carrie Miller</u>	Generator Rep. Signature	<u>Steve J. Miller</u>
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Transporter Name	Name: <u>MP ENVIRONMENTAL</u> Phone: <u>(602) 808-1233</u>	Transporter Address	Address: <u>3045 S 51st Ave</u> City: <u>PHOENIX</u> State: <u>AZ</u> Zip: <u>85043</u>
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Waste Removed (Gallons)	<u>5000</u>	Date	Time
		<u>2-6-2015</u>	<u>10:00 AM</u>

I certify that the information above is accurate, and that only the waste certified for removal by the Generator is contained in the servicing vehicle. I am aware that falsification of this manifest may result in prosecution.

Driver Name (please print)	<u>STEVE MILLER</u>	Driver Signature	<u>Steve J. Miller</u>
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Disposal Facility	Liquid Environmental Solutions of Arizona	Address	5159 West Van Buren Street Phoenix, AZ 85043
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Waste Received (Gallons)	<u>5000</u>	Date	Time
		<u>2-6-15</u>	

Facility Rep. Name (please print)	<u>STEVE MILLER</u>	Facility Rep. Signature	<u>Steve J. Miller</u>
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WHITE - Generator Final Copy YELLOW - Liquid Environmental Solutions Copy GOLDENROD - Transporter Copy PINK - Generator 1st Copy



LIQUID ENVIRONMENTAL SOLUTIONS
NON-HAZARDOUS WASTE MANIFEST

24371

1696812

Profile Number:

5302

Generator Name	Name: <u>UPCO</u> Phone: <u>(623) 516-3340</u>	Generator Address	Address: <u>25401 N. Central Ave</u> City: <u>PHOENIX</u> State: <u>AZ Zip: 85085</u>
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Check with your state and local regulatory agencies for manifest retention requirements. NOTE: Many regulatory agencies require records to be kept on-site and available to review for up to 3 years.

Waste Type	<input type="checkbox"/> Grease Trap <input type="checkbox"/> Grit Trap <input type="checkbox"/> Septic/Chemical Toilet <input type="checkbox"/> Non-Industrial <input checked="" type="checkbox"/> Industrial <input type="checkbox"/> Special <input type="checkbox"/> Used Cooking Oil <input type="checkbox"/> Recyclable Used Oil
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I certify that the waste material removed from the above premises does not contain any radioactive, flammable, explosive, toxic or hazardous material ("Excluded Waste"). The term "hazardous material" is defined as any one or more pollutant, toxic substance, hazardous substance, solvent or oil as defined in or pursuant to the Resource Conservation and Recovery Act, the Comprehensive Environmental Response Compensation and Liability Act, the Federal Clean Water Act, or any other federal, state or local environmental law, regulation, ordinance, or rule, whether existing as of the date of this agreement or subsequently enacted. I also acknowledge that the Generator shall be responsible for any costs incurred by the Transporter or Disposal Facility in handling or proper disposal of any hazardous waste and that the Generator expressly agrees to defend, indemnify and hold harmless the Transporter from and against any and all damages, costs, fines and liabilities resulting from or arising out of any such hazardous waste.

Generator Rep. Name (please print)	<u>Agent for UPCO</u> <u>Craig Miller</u>	Generator Rep. Signature	
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Transporter Name	Name: <u>MR Environmental</u> Phone: <u>(602) 228-6233</u>	Transporter Address	Address: <u>3045 S. 51st Ave</u> City: <u>Phoenix</u> State: <u>AZ Zip: 85043</u>
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Waste Removed (Gallons)	<u>5,000</u>	Date	Time
		<u>2-6-2015</u>	

I certify that the information above is accurate, and that only the waste certified for removal by the Generator is contained in the servicing vehicle. I am aware that falsification of this manifest may result in prosecution.

Driver Name (please print)	<u>Mark Meden</u>	Driver Signature	
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Disposal Facility	Liquid Environmental Solutions of Arizona	Address	5159 West Van Buren Street Phoenix, AZ 85043
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Waste Received (Gallons)	<u>5000</u>	Date	Time
		<u>2-6-15</u>	

Facility Rep. Name (please print)	<u>KB</u>	Facility Rep. Signature	
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WHITE - Generator Final Copy YELLOW - Liquid Environmental Solutions Copy GOLDENROD - Transporter Copy PINK - Generator 1st Copy

ERTS #HMB132010_PHX

NON-HAZARDOUS WASTE MANIFEST		1. Generator ID Number AZD980814479	2. Page 1 of 1	3. Emergency Response Phone (800) 924-6804	4. Waste Tracking Number 850Z-1111175	
5. Generator's Name and Mailing Address 623-516-3340		Universal Propulsion Company 25401 N Central Ave Phoenix, AZ 85085				
Generator's Phone: X		Generator's Site Address (if different than mailing address)				
6. Transporter 1 Company Name Stericycle Specialty Waste Solutions, Inc		U.S. EPA ID Number MNS000110924				
7. Transporter 2 Company Name		U.S. EPA ID Number				
8. Designated Facility Name and Site Address US Ecology Beatty NV 12 miles south of Beatty on Hwy 95 Beatty, NV 89003		U.S. EPA ID Number				
Facility's Phone: (800) 239-3943 Ext		NVT330010000				
GENERATOR	9. Waste Shipping Name and Description 1. Non DDT Regulated Liquid (perchlorate impacted water)		10. Containers No. 2	11. Total Quantity Type E+	12. Unit Wt./Vol. P 5000	
	2.					
	3.					
	4.					
13. Special Handling Instructions and Additional Information <i>Corrected weight 5647</i>						
14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.						
Generator's/Officer's Printed/Typed Name <i>Agent for UPCo Craig M/Mg</i>		Signature <i>Craig M/Mg</i>		Month 02	Day 06	Year 15
TRANSPORTER INT'L	15. International Shipments <input type="checkbox"/> Import to U.S.	<input type="checkbox"/> Export from U.S.	Port of entry/exit: _____ Date leaving U.S.: _____			
	Transporter Signature (for exports only): <i>Craig Aspin</i>					
DESIGNATED FACILITY	16. Transporter Acknowledgment of Receipt of Materials Transporter 1 Printed/Typed Name <i>Craig Aspin</i>	Signature <i>Craig Aspin</i>		Month 02	Day 06	Year 15
	Transporter 2 Printed/Typed Name <i></i>	Signature <i></i>		Month 	Day 	Year
17. Discrepancy						
17a. Discrepancy Indication Space <input type="checkbox"/> Quantity		<input type="checkbox"/> Type	<input type="checkbox"/> Residue	<input type="checkbox"/> Partial Rejection	<input type="checkbox"/> Full Rejection	
Manifest Reference Number: _____						
17b. Alternate Facility (or Generator) Facility's Phone: _____		U.S. EPA ID Number				
17c. Signature of Alternate Facility (or Generator) _____ <i></i>		Month Day Year 				
18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a						
Printed/Typed Name <i></i>		Signature <i></i>		Month 	Day 	Year



LIQUID ENVIRONMENTAL SOLUTIONS

NON-HAZARDOUS WASTE MANIFEST

38852

JH

Profile Number

5507

Generator Name	Name: <u>UTC</u> Phone: ()	Generator Address	Address: <u>1400 E. 14th St.</u> City: <u>Phoenix</u> State: <u>AZ</u> Zip: <u>85006</u>
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Check with your state and local regulatory agencies for manifest retention requirements. NOTE: Many regulatory agencies require records to be kept on-site and available to review for up to 3 years.

Waste Type	<input type="checkbox"/> Grease Trap <input type="checkbox"/> Grit Trap <input type="checkbox"/> Septic/Chemical Toilet <input type="checkbox"/> Non-Industrial <input checked="" type="checkbox"/> Industrial <input type="checkbox"/> Special <input type="checkbox"/> Used Cooking Oil <input type="checkbox"/> Recyclable Used Oil
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I certify that the waste material removed from the above premises does not contain any radioactive, flammable, explosive, toxic or hazardous material ("Excluded Waste"). The term "hazardous material" is defined as any one or more pollutant, toxic substance, hazardous substance, solvent or oil as defined in or pursuant to the Resource Conservation and Recovery Act, the Comprehensive Environmental Response, Compensation and Liability Act, the Federal Clean Water Act, or any other federal, state or local environmental law, regulation, ordinance, or rule, whether existing as of the date of this agreement or subsequently enacted. I also acknowledge that the Generator shall be responsible for any costs incurred by the Transporter or Disposal Facility in handling or proper disposal of any hazardous waste and that the Generator expressly agrees to defend, indemnify and hold harmless the Transporter from and against any and all damages, costs, fines and liabilities resulting from or arising out of any such hazardous waste.

Generator Rep. Name (please print)	<u>Matt Tani / Accadis</u>	Generator Rep. Signature	<u>M. Tani</u> on behalf UTC
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Transporter Name	Name: <u>Liquid Environmental</u> Phone: () <u>304-5137</u>	Transporter Address	Address: <u>3045 S. 51st Ave.</u> City: <u>Phoenix</u> State: <u>AZ</u> Zip: <u>85043</u>
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Waste Removed (Gallons)	<u>2600 gallons</u>	Date	Time
		<u>4-22-15</u>	<u>09:00</u>

I certify that the information above is accurate, and that only the waste certified for removal by the Generator is contained in the servicing vehicle. I am aware that falsification of this manifest may result in prosecution.

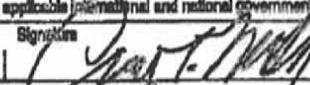
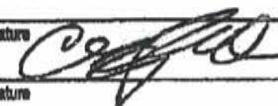
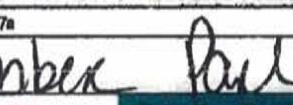
Driver Name (please print)	<u>Bob Slover</u>	Driver Signature	<u>BS</u>
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Disposal Facility	Liquid Environmental Solutions of Arizona	Address	5159 West Van Buren Street Phoenix, AZ 85043
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Waste Received (Gallons)	<u>2600</u>	Date	Time
		<u>4-22-15</u>	

Facility Rep. Name (please print)	<u>-KR</u>	Facility Rep. Signature	<u>KR</u>
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WHITE - Generator Final Copy YELLOW - Liquid Environmental Solutions Copy GOLDENROD - Transporter Copy PINK - Generator 1st Copy

NON-HAZARDOUS WASTE MANIFEST		1. Generator ID Number AZD980814479	2. Page 1 of 1	3. Emergency Response Phone (800) 924-6804	4. Waste Tracking Number B50Z-1122669
5. Generator's Name and Mailing Address Universal Propulsion Company 623-516-3340 25401 N Central Ave Generator's Phone: x Phoenix, AZ 85085					
Generator's Site Address (if different than mailing address)					
6. Transporter 1 Company Name Stericycle Specialty Waste Solutions, Inc					
U.S. EPA ID Number MNS000110924					
7. Transporter 2 Company Name Tried Transport Inc					
U.S. EPA ID Number OKDA 810588741					
8. Designated Facility Name and Site Address US Ecology Beatty NV 12 miles south of Beatty on Hwy 95 Beatty, NV 89003					
U.S. EPA ID Number NVT330010000					
Facility's Phone: (800) 239-3943 Ext					
9. Waste Shipping Name and Description Non DOT Regulated Liquid (perchlorate impacted water)			10. Containers No. <u>2</u> Type <u>PP</u>	11. Total Quantity <u>5000</u>	12. Unit Wt./Vol. <u>lb</u>
13. Special Handling Instructions and Additional Information 1-876137747-4955					
14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/packaged, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.					
Generator's/Officer's Printed/Typed Name John G. Craig, Miller			Signature  Month Day Year 04 22 15		
15. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S.			Port of entry/exit: Date leaving U.S.:		
Transporter Signature (for exports only):					
16. Transporter Acknowledgment of Receipt of Materials					
Transporter 1 Printed/Typed Name Craig A. Miller			Signature  Month Day Year 04 22 15		
Transporter 2 Printed/Typed Name			Signature		
17. Discrepancy					
17a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection					
Manifest Reference Number:					
17b. Alternate Facility (or Generator) U.S. EPA ID Number					
Facility's Phone:					
17c. Signature of Alternate Facility (or Generator)					
Month Day Year					
18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a					
Printed/Typed Name Amber Park Signature  Month Day Year 06 12 15					

DESIGNATED FACILITY TO GENERATOR

003

0114965

M161323

PDI 00000000000000000000000000000000



LIQUID ENVIRONMENTAL SOLUTIONS

NON-HAZARDOUS WASTE MANIFEST

67753

EAT

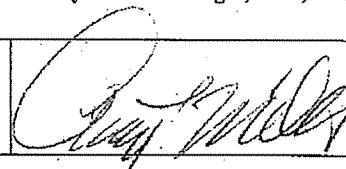
Profile Number:
5507

Generator Name: <u>UPCO</u>	Generator Address: <u>75401 N. Central</u>
Phone: ()	City: <u>Phoenix</u> State: <u>AZ</u> Zip: <u>85085</u>

Check with your state and local regulatory agencies for manifest retention requirements. NOTE: Many regulatory agencies require records to be kept on-site and available for review for up to 3 years.

Waste Type	<input type="checkbox"/> Grease Trap <input type="checkbox"/> Grit Trap <input type="checkbox"/> Septic/Chemical Toilet <input type="checkbox"/> Used Cooking Oil	<input type="checkbox"/> Non-Industrial <input checked="" type="checkbox"/> Industrial <input type="checkbox"/> Special <input type="checkbox"/> Recyclable Used Oil
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I certify that the waste material removed from the above premises does not contain any radioactive, flammable, explosive, toxic or hazardous material ("Excluded Waste"). The term "hazardous material" is defined as any one or more pollutant, toxic substance, hazardous substance, solvent or oil as defined in or pursuant to the Resource Conservation and Recovery Act, the Comprehensive Environmental Response Compensation and Liability Act, the Federal Clean Water Act, or any other federal, state or local environmental law, regulation, ordinance, or rule, whether existing as of the date of this agreement or subsequently enacted. I also acknowledge that the Generator shall be responsible for any costs incurred by the Transporter or Disposal Facility in handling or proper disposal of any hazardous waste and that the Generator expressly agrees to defend, indemnify and hold harmless the Transporter from and against any and all damages, costs, fines and liabilities resulting from or arising out of any such hazardous waste.

Generator Rep. Name (please print)	<u>Agent for UPCO</u> <u>Craig L. Mylo,</u>	Generator Rep. Signature	
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Transporter Name	Name: <u>LJ Environmental</u> Phone: <u>(602) 278-6233</u>	Transporter Address	Address: <u>3045 S. 51st Ave</u> City: <u>Phoenix</u> State: <u>AZ</u> Zip: <u>85043</u>
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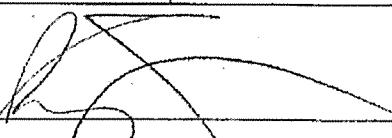
Waste Removed (Gallons)	<u>2,500</u>	Date	Time
		<u>7-29-15</u>	<u>1:30 PM</u>

I certify that the information above is accurate, and that only the waste certified for removal by the Generator is contained in the servicing vehicle. I am aware that falsification of this manifest may result in prosecution.

Driver Name (please print)	<u>Zach Skinner</u>	Driver Signature	
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Disposal Facility	Liquid Environmental Solutions of Arizona	Address	5159 West Van Buren Street Phoenix, AZ 85043
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Waste Received (Gallons)	<u>2500</u>	Date	Time
		<u>7-29-15</u>	

Facility Rep. Name (please print)	<u>Ryan</u>	Facility Rep. Signature	
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WHITE - Generator Final Copy YELLOW - Liquid Environmental Solutions Copy GOLDENROD - Transporter Copy PINK - Generator 1st Copy



LIQUID ENVIRONMENTAL SOLUTIONS

67752

NON-HAZARDOUS WASTE MANIFEST

FORTRESS LOGISTICS

5507

Generator Name	Name: <u>LPCO</u>	Generator Address	Address: <u>25401 N. Central</u>
Phone:	(<u> </u>)	City:	<u>Phoenix</u> State: <u>AZ</u> Zip: <u>85085</u>

Check with your state and local regulatory agencies for any other labeling requirements. Notify the regulatory agencies regarding disposal needs at the time of sale and provide them with copies of this manifest.

Waste Type	<input type="checkbox"/> Grease Trap <input type="checkbox"/> Grit Trap <input type="checkbox"/> Septic/Chemical Toilet <input type="checkbox"/> Non-Industrial <input checked="" type="checkbox"/> Industrial <input type="checkbox"/> Special <input type="checkbox"/> Used Cooking Oil <input type="checkbox"/> Recyclable Used Oil
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I certify that the waste material removed from the above premises does not contain any radioactive, flammable, explosive, toxic or hazardous material ("Excluded Waste"). The term "hazardous material" is defined as any one or more pollutant, toxic substance, hazardous substance, solvent or oil as defined in or pursuant to the Resource Conservation and Recovery Act, the Comprehensive Environmental Response, Compensation and Liability Act, the Federal Clean Water Act, or any other federal, state or local environmental law, regulation, ordinance, or rule, whether existing as of the date of this agreement or subsequently enacted. I also acknowledge that the Generator shall be responsible for any costs incurred by the Transporter or Disposal Facility in handling or proper disposal of any hazardous waste and that the Generator expressly agrees to defend, indemnify and hold harmless the Transporter from and against any and all damages, costs, fines and liabilities resulting from or arising out of any such hazardous waste.

Generator Rep. Name (please print)	<u>Agent for LPCO</u> <u>Carrie Miller</u>	Generator Rep. Signature	<u>May Miller</u>
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Transporter Name	Name: <u>MP Environmental</u> Phone: <u>602 278 1233</u>	Transporter Address	Address: <u>3045 S. 51st Ave</u> City: <u>Phoenix</u> State: <u>AZ</u> Zip: <u>85043</u>
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Waste Removed (Gallons)	<u>4500</u>	Date	<u>7-29-15</u>
		Time	<u>100</u>

I certify that the information above is accurate, and that only the waste certified for removal by the Generator is contained in the servicing vehicle. I am aware that falsification of this manifest may result in prosecution.

Driver Name (please print)	<u>Zach Skinner</u>	Driver Signature	<u>Zach</u>
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Disposal Facility	Liquid Environmental Solutions of Arizona	Address	5159 West Van Buren Street Phoenix, AZ 85043
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Waste Received (Gallons)	<u>4500 G</u>	Date	<u>7-29-15</u>
		Time	

Facility Rep. Name (please print)	<u>Indhuja Arulprakash</u>	Facility Rep. Signature	<u>Indhuja</u>
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Generator Final Copy YELLOW - Liquid Environmental Solutions Copy GOLDENROD - Transporter Copy PINK - Generator 1st Copy

GENERATOR	NON-HAZARDOUS WASTE MANIFEST	1. Generator ID Number AZD980814479	2. Page 1 of 1	3. Emergency Response Phone (800) 924-6804	4. Waste Tracking Number 1135500
	5. Generator's Name and Mailing Address Attn: Karen Mitteider Universal Propulsion Company 3414 S 5th Street Phoenix, 85040		Generator's Site Address (if different than mailing address) Universal Propulsion Company 25401 N Central Ave Phoenix, AZ 85085		
	Generator's Phone:				
	6. Transporter 1 Company Name Stericycle Specialty Waste Solutions, Inc		U.S. EPA ID Number MNS000110924		
	7. Transporter 2 Company Name Tech Transport Inc.		U.S. EPA ID Number OKD 98158879 1		
	8. Designated Facility Name and Site Address US Ecology Beatty NV 12 miles south of Beatty on Hwy 95 Beatty, NV 89003		U.S. EPA ID Number		
	Facility's Phone: (800) 239-3943 Ext		NVT330010000		
	9. Waste Shipping Name and Description 1. Non DOT Regulated Liquid (perchlorate impacted water)		10. Containers No. 2	Type TP	11. Total Quantity 5,000
	2.				
	3.				
4.					
13. Special Handling Instructions and Additional Information 1.070137747-4055 1) 2x TP - 2369,2454 - 4823 lbs					
14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.					
Generator's/Offeror's Printed/Typed Name Agent for UPA: Craig L. Miller		Signature 		Month Day Year 07 29 15	
INT'L 15. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: Transporter Signature (for exports only): 					
TRANSPORTER 16. Transporter Acknowledgment of Receipt of Materials Transporter 1 Printed/Typed Name Kathy Rodgers Signature Month Day Year 7 29 15 Transporter 2 Printed/Typed Name ALAN RETZLER Signature Month Day Year 8 12 15					
TRANSPORTER 17. Discrepancy 17a. Discrepancy Indication Space <input type="checkbox"/> Quantify <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection Manifest Reference Number:					
DESIGNATED FACILITY 17b. Alternate Facility (or Generator) U.S. EPA ID Number					
Facility's Phone:					
17c. Signature of Alternate Facility (or Generator) Month Day Year					
18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a Printed/Typed Name Jessica Mecht Signature Month Day Year 18 13 15					



LIQUID ENVIRONMENTAL SOLUTIONS

NON-HAZARDOUS WASTE MANIFEST

64227

Profile Number

5507

Generator Name	Name: <u>Universal Population Co.</u>	Generator Address	Address: <u>2540 N. Central</u>
	Phone: ()		City: <u>Phoenix</u> State: <u>AZ</u> Zip: <u>85005</u>

Check with your state and local regulatory agencies for manifest retention requirements. NOTE: Many regulatory agencies require records to be kept on-site and available to review for up to 3 years.

Waste Type	<input type="checkbox"/> Grease Trap <input type="checkbox"/> Grit Trap <input type="checkbox"/> Septic/Chemical Toilet <input type="checkbox"/> Non-Industrial <input checked="" type="checkbox"/> Industrial <input type="checkbox"/> Special <input type="checkbox"/> Used Cooking Oil <input type="checkbox"/> Recyclable Used Oil
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I certify that the waste material removed from the above premises does not contain any radioactive, flammable, explosive, toxic or hazardous material ("Excluded Waste"). The term "hazardous material" is defined as any one or more pollutant, toxic substance, hazardous substance, solvent or oil as defined in or pursuant to the Resource Conservation and Recovery Act, the Comprehensive Environmental Response Compensation and Liability Act, the Federal Clean Water Act, or any other federal, state or local environmental law, regulation, ordinance, or rule, whether existing as of the date of this agreement or subsequently enacted. I also acknowledge that the Generator shall be responsible for any costs incurred by the Transporter or Disposal Facility in handling or proper disposal of any hazardous waste and that the Generator expressly agrees to defend, indemnify and hold harmless the Transporter from and against any and all damages, costs, fines and liabilities resulting from or arising out of any such hazardous waste.

Generator Rep. Name (please print)	<u>Agent for UPCO</u> <u>Craig L. Miller</u>	Generator Rep. Signature	<u>Douglas J. Miller</u>
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Transporter Name	Name: <u>J MPL</u> Phone: <u>(602) 278-6233</u>	Transporter Address	Address: <u>30455 S 1st Ave.</u> City: <u>Phoenix</u> State: <u>AZ</u> Zip: <u>85043</u>
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Waste Removed (Gallons)	<u>3000</u>	Date	<u>11/6/15</u>
		Time	<u>1100</u>

I certify that the information above is accurate, and that only the waste certified for removal by the Generator is contained in the servicing vehicle. I am aware that falsification of this manifest may result in prosecution.

Driver Name (please print)	<u>Jake Thomas</u>	Driver Signature	<u>Jake Thomas</u>
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Disposal Facility	Liquid Environmental Solutions of Arizona	Address	5159 West Van Buren Street Phoenix, AZ 85043
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Waste Received (Gallons)	<u>3000</u>	Date	<u>11-6-15</u>
		Time	

Facility Rep. Name (please print)	<u>Jayne</u>	Facility Rep. Signature	<u>Jayne</u>
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WHITE - Generator Final Copy YELLOW - Liquid Environmental Solutions Copy GOLDENROD - Transporter Copy PINK - Generator 1st Copy

ERTS #HMB132010 PHX

NON-HAZARDOUS WASTE MANIFEST	1. Generator ID Number AZD980814479	2. Page 1 of 1	3. Emergency Response Phone (800) 924-6804	4. Waste Tracking Number 1148806
5. Generator's Name and Mailing Address Attn: Karen Nitteider Universal Propulsion Company 3414 S 5th Street Phoenix, AZ 85040		Generator's Site Address (if different than mailing address) Universal Propulsion Company 25401 N Central Ave Phoenix, AZ 85085		
Generator's Phone:				
B. Transporter 1 Company Name Stericycle Specialty Waste Solutions, Inc.	U.S. EPA ID Number MNS000110924			
C. Transporter 2 Company Name Action Resources, Inc.	U.S. EPA ID Number ALR000007237			
D. Designated Facility Name and Site Address US ECOLOGY Beatty NV 12 miles south of Beatty on Hwy 95 Beatty, NV 89003	U.S. EPA ID Number			
Facility's Phone: (800) 239-3943 Ext	NVT330010000			
9. Waste Shipping Name and Description High DUE Regulated Liquid (perchlorate impacted water)	10. Containers No. 2	11. Total Quantity 5000	12. Unit Wt/Vol 1/1	
2.				
3.				
4.				

13. Special Handling Instructions and Additional Information
14070137747-4005

14. GENERATOR/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator/Offeror's Printed/Typed Name
Carol Miller

Signature

Month Day Year

11 06 1515. International Shipments Import to U.S. Export from U.S.

Port of entry/exit

Transporter Signature (for exports only):

Date leaving U.S.

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name
Kathy Ridge

Signature

Month Day Year

11 6 15

Transporter 2 Printed/Typed Name

Signature

Month Day Year

17. Discrepancy

17a. Discrepancy Indication Space

 Quantity Type Residue Partial Rejection Full Rejection

Manifest Reference Number

U.S. EPA ID Number

17b. Alternate Facility (or Generator)

Facility's Phone:

17c. Signature of Alternate Facility (or Generator)

Month Day Year

11 9 15

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name
NANCY LAIER

Signature

Month Day Year

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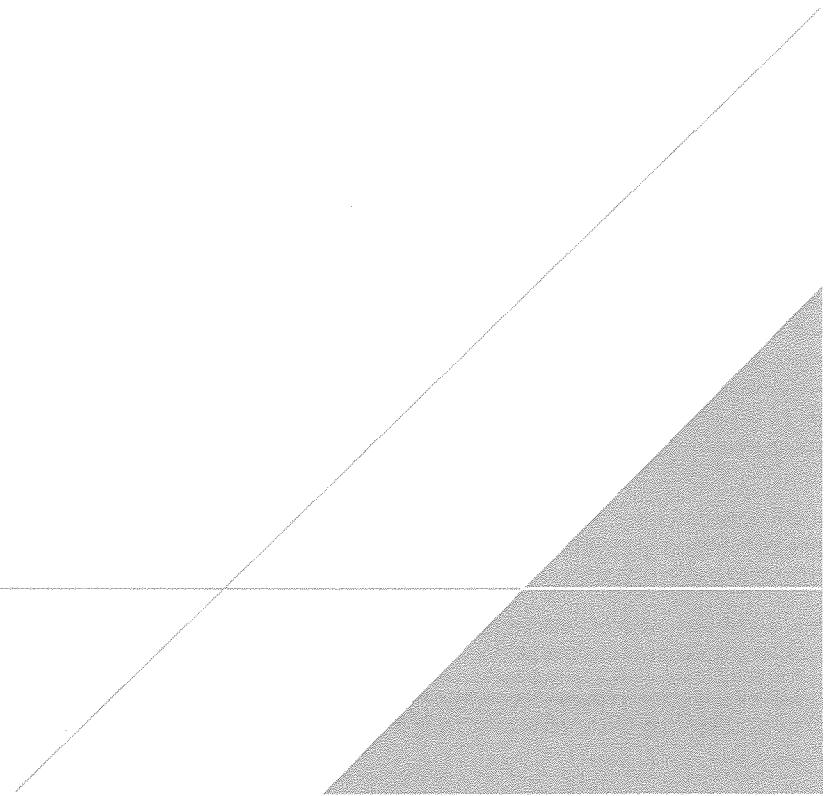
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APPENDIX C

Historical Water Level Data



Appendix C

Historical Water Level Data - UPCO Wells
2015 Annual Monitoring Report - February 2016
Former Universal Propulsion Company, Inc. Facility
Phoenix, Arizona



Design & Consultancy
for natural and
built assets

Well ID	Date	Time	Measuring Point Elevation (feet)	Depth to Water (feet)	Groundwater Elevation (feet amsl)
MW-1	1/6/2004	1000	1557.19	206.64	1350.55
	3/19/2004	1000	1557.27	206.70	1350.57
	4/16/2004	1000	1557.27	206.66	1350.61
	9/7/2004	0804	1557.22	207.79	1349.43
	10/22/2004	1235	1557.22	207.42	1349.80
	11/22/2004	1055	1557.22	207.71	1349.51
	12/07/2004	1000	1557.22	207.80	1349.42
	1/17/2005	0715	1557.22	207.62	1349.60
	2/14/2005	1032	1557.22	207.52	1349.70
	3/15/2005	1205	1557.22	207.36	1349.86
	4/25/2005	0725	1557.22	207.47	1349.75
	5/20/2005	0800	1557.22	207.69	1349.53
	6/27/2005	0730	1557.22	207.82	1349.40
	7/18/2005	0716	1557.22	208.13	1349.09
	8/22/2005	0700	1557.22	208.04	1349.18
	9/22/2005	0804	1557.22	208.03	1349.19
	10/24/2005	0934	1557.22	208.03	1349.19
	12/02/2005	1245	1557.22	207.97	1349.25
	12/22/2005	1509	1557.22	208.15	1349.07
	1/27/2006	1125	1557.22	208.09	1349.13
	2/20/2006	1053	1557.22	208.04	1349.18
	3/20/2006	1525	1557.22	207.98	1349.24
	5/22/2006	0842	1557.22	208.08	1349.14
	8/28/2006	1242	1557.22	208.04	1349.18
	11/13/2006	0951	1557.22	208.04	1349.18
	2/12/2007	1215	1557.22	208.08	1349.14
	4/9/2007	1010	1557.22	208.03	1349.19
	7/30/2007	0855	1557.22	207.84	1349.38
	10/15/2007	1441	1557.22	208.16	1349.06
	1/14/2008	1153	1557.22	208.37	1348.85
	3/31/2008	1445	1557.22	208.24	1348.98
	4/29/2008	1420	1557.22	208.27	1348.95
	5/27/2008	1300	1557.22	208.37	1348.85
	6/27/2008	0755	1557.22	208.53	1348.69
	7/28/2008	1323	1557.22	208.50	1348.72
	8/29/2008	1628	1557.22	208.55	1348.67
	9/20/2008	1205	1557.22	208.44	1348.78
	10/14/2008	1440	1557.22	208.37	1348.85
	11/21/2008	1411	1557.22	208.36	1348.86
	12/15/2008	1143	1557.22	208.44	1348.78
	1/12/2009	0934	1557.22	208.41	1348.81
	2/16/2009	0915	1557.22	208.47	1348.75
	3/17/2009	1157	1557.22	208.42	1348.80
	4/13/2009	1131	1557.22	208.38	1348.84
	5/20/2009	0740	1557.22	208.71	1348.51
	6/15/2009	0739	1557.22	208.58	1348.64
	7/6/2009	0654	1557.22	208.58	1348.64
	8/13/2009	0619	1557.22	208.68	1348.54
	9/28/2009	0826	1560.43	211.92	1348.51
	10/27/2009	1539	1560.43	211.98	1348.45
	11/25/2009	1108	1560.43	212.29	1348.14
	12/18/2009	1142	1560.43	212.35	1348.08
	1/18/2010	1239	1560.43	212.47	1347.96
	6/8/2010	1225	1560.43	211.75	1348.68
	6/22/2010	1310	1560.43	211.76	1348.67

Appendix C

Historical Water Level Data - UPCO Wells
2015 Annual Monitoring Report - February 2016
Former Universal Propulsion Company, Inc. Facility
Phoenix, Arizona



Design & Consultancy
for natural and
built assets

Well ID	Date	Time	Measuring Point Elevation (feet)	Depth to Water (feet)	Groundwater Elevation (feet amsl)
MW-1 (cont.)	2/23/2011	1325	1560.43	211.71	1348.72
	3/22/2011	1125	1560.43	211.73	1348.70
	4/26/2011	0815	1560.43	211.77	1348.66
	5/27/2011	1047	1560.43	211.95	1348.48
	6/30/2011	1245	1560.43	211.79	1348.64
	7/25/2011	1102	1560.43	212.02	1348.41
	9/2/2011	1236	1560.43	211.81	1348.62
	9/27/2011	1508	1560.43	211.82	1348.61
	10/24/2011	1152	1560.43	211.88	1348.55
	11/28/2011	1146	1560.43	211.90	1348.53
	12/27/2011	1112	1560.43	211.92	1348.51
	1/19/2012	1242	1560.43	211.88	1348.55
	2/27/2012	1557	1560.43	211.90	1348.53
	3/27/2012	1040	1560.43	211.92	1348.51
	4/28/2012	1610	1560.43	211.90	1348.53
	5/8/2012	1205	1560.43	212.19	1348.24
	6/29/2012	1112	1560.43	212.02	1348.41
	7/30/2012	1818	1560.43	212.06	1348.37
	8/19/2012	1700	1560.43	212.02	1348.41
	9/6/2012	1130	1560.43	212.12	1348.31
	10/4/2012	1007	1560.43	212.20	1348.23
	2/19/2013	1512	1560.43	212.15	1348.28
	3/29/2013	1020	1560.43	212.36	1348.07
	4/29/2013	1700	1560.43	212.28	1348.15
	5/30/2013	2010	1560.43	212.31	1348.12
	6/16/2013	1325	1560.43	212.33	1348.10
	7/15/2013	1200	1560.43	212.49	1347.94
	8/6/2013	1833	1560.43	212.34	1348.09
	9/17/2013	1922	1560.43	212.37	1348.06
	10/7/2013	1403	1560.43	212.34	1348.09
	11/21/2013	1540	1560.43	212.42	1348.01
	12/6/2013	1431	1560.43	212.43	1348.00
	1/13/2014	1835	1560.43	212.49	1347.94
	2/28/2014	1900	1560.43	212.52	1347.91
	3/15/2014	1818	1560.43	212.50	1347.93
	3/31/2014	1649	1560.43	212.43	1348.00
	5/23/2014	1720	1560.43	212.64	1347.79
	6/14/2014	1356	1560.43	212.71	1347.72
	7/7/2014	1204	1560.43	212.24	1348.19
	9/29/2014	2126	1560.43	212.52	1347.91
	10/28/2014	1612	1560.43	212.48	1347.95
	11/27/2014	1818	1560.43	212.44	1347.99
	12/15/2014	1745	1560.43	212.53	1347.90
	1/19/2015	1550	1560.43	212.58	1347.85
	2/25/2015	1803	1560.43	212.58	1347.85
	3/26/2015	1632	1560.43	212.71	1347.72
	4/13/2015	1459	1560.43	212.73	1347.70
	5/23/2015	1600	1560.43	212.86	1347.57

Appendix C

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2015 Annual Monitoring Report - February 2016
Former Universal Propulsion Company, Inc. Facility
Phoenix, Arizona



Design & Consultancy
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Well ID	Date	Time	Measuring Point Elevation (feet)	Depth to Water (feet)	Groundwater Elevation (feet amsl)
MW-1 (cont.)	6/15/2015	1908	1560.43	212.76	1347.67
	7/13/2015	1510	1560.43	212.72	1347.71
	8/31/2015	1825	1560.43	212.82	1347.61
	9/30/2015	1818	1560.43	212.82	1347.61
	10/26/2015	1908	1560.43	212.72	1347.71
	11/25/2015	1705	1560.43	212.73	1347.70
	12/10/2015	1627	1560.43	212.72	1347.71
MW-2	1/6/2004	1000	1567.51	216.90	1350.61
	3/19/2004	1000	1567.67	217.40	1350.27
	4/16/2004	1000	1567.67	217.06	1350.61
	9/7/2004	0755	1567.62	218.06	1349.56
	10/22/2004	1245	1567.62	217.63	1350.00
	11/22/2004	1110	1567.62	218.10	1349.52
	12/07/2004	1000	1567.62	218.15	1349.47
	1/17/2005	0730	1567.62	218.02	1349.60
	2/14/2005	1025	1567.62	217.93	1349.69
	3/15/2005	1210	1567.62	217.83	1349.79
	4/25/2005	0715	1567.62	217.88	1349.74
	5/20/2005	0749	1567.62	218.06	1349.56
	6/27/2005	0725	1567.62	218.20	1349.42
	7/18/2005	0710	1567.62	218.53	1349.09
	8/22/2005	0706	1567.62	218.43	1349.19
	9/22/2005	0755	1567.62	218.44	1349.18
	10/24/2005	0926	1567.62	218.44	1349.18
	12/02/2005	1235	1567.62	218.34	1349.28
	12/22/2005	1503	1567.62	218.48	1349.14
	01/27/2006	1118	1567.62	218.47	1349.15
	02/20/2006	1045	1567.62	218.43	1349.19
	03/20/2006	1505	1567.62	218.33	1349.29
	05/22/2006	0827	1567.62	218.43	1349.19
	8/28/2006	1224	1567.62	218.35	1349.27
	11/13/2006	1005	1567.62	218.38	1349.24
	2/12/2007	1229	1567.62	218.48	1349.14
	4/9/2007	1016	1567.62	218.41	1349.21
	7/30/2007	0924	1567.62	218.19	1349.43
	10/15/2007	1457	1567.62	218.45	1349.17
	1/14/2008	1206	1567.62	218.70	1348.92
	3/31/2008	1545	1567.62	218.55	1349.07
	4/29/2008	1527	1567.62	218.54	1349.08
	5/27/2008	1309	1567.62	218.69	1348.93
	6/27/2008	0812	1567.62	218.89	1348.73
	7/28/2008	1333	1567.62	218.81	1348.81
	8/29/2008	1618	1567.62	218.83	1348.79
	9/20/2008	1215	1567.62	218.75	1348.87
	10/14/2008	1449	1567.62	218.69	1348.93
	11/21/2008	1420	1567.62	218.69	1348.93
	12/15/2008	1150	1567.62	218.77	1348.85
	1/12/2009	0941	1567.62	218.81	1348.81
	2/16/2009	0923	1567.62	218.85	1348.77
	3/17/2009	1203	1567.62	218.48	1349.14
	4/13/2009	1136	1567.62	218.73	1348.89
	5/20/2009	0746	1567.62	219.05	1348.57

Appendix C

Historical Water Level Data - UPCO Wells

2015 Annual Monitoring Report - February 2016

Former Universal Propulsion Company, Inc. Facility

Phoenix, Arizona



Design & Consultancy
for natural and
built assets

Well ID	Date	Time	Measuring Point Elevation (feet)	Depth to Water (feet)	Groundwater Elevation (feet amsl)
MW-2 (cont.)	6/15/2009	0750	1567.62	218.95	1348.67
	7/6/2009	0701	1567.62	218.95	1348.67
	8/13/2009	0627	1567.62	219.03	1348.59
	9/28/2009	0840	1571.22	222.74	1348.48
	10/27/2009	1543	1571.22	222.71	1348.51
	11/25/2009	1114	1571.22	223.06	1348.16
	12/18/2009	1243	1571.22	223.08	1348.14
	1/18/2010	1249	1571.22	223.25	1347.97
	6/8/2010	1237	1571.22	222.57	1348.65
	6/22/2010	1319	1571.22	222.57	1348.65
	2/23/2011	1330	1571.22	222.53	1348.69
	3/22/2011	1038	1571.22	222.60	1348.62
	4/26/2011	0820	1571.22	222.55	1348.67
	5/27/2011	1112	1571.22	222.56	1348.66
	6/30/2011	1302	1571.22	222.61	1348.61
	7/25/2011	1114	1571.22	222.84	1348.38
	9/2/2011	1359	1571.22	222.61	1348.61
	9/27/2011	1523	1571.22	221.61	1349.61
	10/24/2011	1200	1571.22	222.71	1348.51
	11/28/2011	1200	1571.22	222.71	1348.51
	12/27/2011	1121	1571.22	222.76	1348.46
	1/19/2012	1251	1571.22	222.71	1348.51
	2/27/2012	1608	1571.22	222.71	1348.51
	3/27/2012	1049	1571.22	222.76	1348.46
	4/28/2012	1645	1571.22	222.72	1348.50
	5/8/2012	1139	1571.22	222.97	1348.25
	6/29/2012	1215	1571.22	222.79	1348.43
	7/30/2012	1905	1571.22	222.82	1348.40
	8/19/2012	1820	1571.22	222.84	1348.38
	9/6/2012	1139	1571.22	222.92	1348.30
	10/4/2012	1027	1571.22	223.02	1348.20
	2/19/2013	1530	1571.22	222.93	1348.29
	3/29/2013	0943	1571.22	223.18	1348.04
	4/29/2013	1708	1571.22	223.18	1348.04
	5/30/2013	2020	1571.22	223.12	1348.10
	6/16/2013	1350	1571.22	223.11	1348.11
	7/15/2013	1200	1571.22	223.29	1347.93
	8/6/2013	1842	1571.22	223.13	1348.09
	9/17/2013	2020	1571.22	223.20	1348.02
	10/7/2013	1412	1571.22	223.14	1348.08
	11/21/2013	1636	1571.22	223.25	1347.97
	12/6/2013	1539	1571.22	223.22	1348.00
	1/13/2014	1845	1571.22	223.38	1347.84
	2/28/2014	1913	1571.22	223.30	1347.92
	3/15/2014	1828	1571.22	223.31	1347.91
	3/31/2014	1659	1571.22	223.25	1347.97
	5/23/2014	1734	1571.22	223.44	1347.78
	6/14/2014	1528	1571.22	223.53	1347.69
	7/7/2014	1214	1571.22	223.06	1348.16
	9/4/2014	1425	1571.22	223.21	1348.01
	9/27/2014	0057	1571.22	223.33	1347.89
	10/28/2014	1623	1571.22	223.31	1347.91
	11/27/2014	1830	1571.22	223.30	1347.92
	12/15/2014	1756	1571.22	223.39	1347.83
	1/19/2015	1558	1571.22	223.39	1347.83

Appendix C

Historical Water Level Data - UPCO Wells
2015 Annual Monitoring Report - February 2016
Former Universal Propulsion Company, Inc. Facility
Phoenix, Arizona



Design & Consultancy
for natural and
built assets

Well ID	Date	Time	Measuring Point Elevation (feet)	Depth to Water (feet)	Groundwater Elevation (feet amsl)
MW-2 (cont.)	2/25/2015	1815	1571.22	223.40	1347.82
	3/26/2015	1641	1571.22	223.48	1347.74
	4/13/2015	1508	1571.22	223.54	1347.68
	5/23/2015	1612	1571.22	223.58	1347.64
	6/15/2015	1920	1571.22	223.62	1347.60
	7/13/2015	1521	1571.22	223.60	1347.62
	8/31/2015	1834	1571.22	223.65	1347.57
	9/30/2015	1830	1571.22	223.65	1347.57
	10/26/2015	1918	1571.22	223.54	1347.68
	11/25/2015	1715	1571.22	223.59	1347.63
	12/10/2015	1636	1571.22	223.55	1347.67
	1/19/2015	1156	1583.59	245.80	1337.79
	2/25/2015	1352	1583.59	246.03	1337.56
	3/26/2015	1226	1583.59	246.43	1337.16
MW-3	4/13/2015	1014	1583.59	246.43	1337.16
	5/23/2015	1143	1583.59	246.50	1337.09
	6/15/2015	1409	1583.59	246.49	1337.10
	7/13/2015	1009	1583.59	246.45	1337.14
	8/31/2015	1330	1583.59	246.77	1336.82
	9/30/2015	1310	1583.59	246.90	1336.69
	10/26/2015	1400	1583.59	246.82	1336.77
	11/25/2015	1232	1583.59	246.83	1336.76
	12/10/2015	1222	1583.59	246.95	1336.64
	9/7/2004	0730	1583.59	229.10	1354.50
	10/22/2004	1130	1583.59	227.92	1355.67
	11/22/2004	0940	1583.59	228.91	1354.68
	12/07/2004	1000	1583.59	229.03	1354.56
	1/17/2005	0745	1583.59	229.35	1354.24
	2/14/2005	1056	1583.59	229.73	1353.86
	3/15/2005	1150	1583.59	229.86	1353.73
	4/25/2005	0820	1583.59	229.94	1353.65
	5/20/2005	0826	1583.59	230.21	1353.38
	6/27/2005	0820	1583.59	230.30	1353.29
	7/18/2005	0736	1583.59	230.61	1352.98
	8/22/2005	0812	1583.59	230.63	1352.96
	9/22/2005	0825	1583.59	231.67	1351.92
	10/24/2005	0810	1583.59	230.94	1352.65
	11/30/2005	1240	1583.59	231.12	1352.47
	12/22/2005	1415	1583.59	231.15	1352.44
	1/27/2006	1048	1583.59	231.34	1352.25
	2/20/2006	0935	1583.59	231.47	1352.12
	3/21/2006	0735	1583.59	231.59	1352.00
	5/22/2006	0918	1583.59	231.91	1351.68
	8/28/2006	1004	1583.59	232.24	1351.35
	11/13/2006	1040	1583.59	232.82	1350.77
	2/12/2007	1235	1583.59	232.76	1350.83
	4/9/2007	1019	1583.59	233.11	1350.48
	7/30/2007	1149	1583.59	233.52	1350.07
	10/15/2007	0942	1583.59	234.45	1349.14
	1/14/2008	1227	1583.59	234.93	1348.66
	3/31/2008	1331	1583.59	235.42	1348.17
	4/29/2008	1537	1583.59	235.21	1348.38
	5/27/2008	1406	1583.59	235.48	1348.11
	6/27/2008	1005	1583.59	235.66	1347.93
	7/28/2008	1456	1583.59	235.79	1347.80

Appendix C

Historical Water Level Data - UPCO Wells

2015 Annual Monitoring Report - February 2016

Former Universal Propulsion Company, Inc. Facility

Phoenix, Arizona

Design & Consultancy
for natural and
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Well ID	Date	Time	Measuring Point Elevation (feet)	Depth to Water (feet)	Groundwater Elevation (feet amsl)
MW-3 (cont.)	8/29/2008	1316	1583.59	236.07	1347.52
	9/20/2008	1120	1583.59	236.10	1347.49
	10/14/2008	1220	1583.59	236.30	1347.29
	11/21/2008	1130	1583.59	236.45	1347.14
	12/15/2008	1230	1583.59	236.59	1347.00
	1/12/2009	1108	1583.59	236.60	1346.99
	2/16/2009	1425	1583.59	236.86	1346.73
	3/17/2009	1224	1583.59	237.00	1346.59
	4/13/2009	1059	1583.59	237.07	1346.52
	5/20/2009	1117	1583.59	237.24	1346.35
	6/15/2009	1110	1583.59	237.31	1346.28
	7/6/2009	1419	1583.59	237.35	1346.24
	8/12/2009	1125	1583.59	237.47	1346.12
	9/28/2009	1148	1583.59	237.81	1345.78
	10/27/2009	0853	1583.59	237.82	1345.77
	11/25/2009	1008	1583.59	238.13	1345.46
	12/18/2009	1028	1583.59	238.13	1345.46
	1/18/2010	1051	1583.59	238.35	1345.24
	6/8/2010	1111	1583.59	239.06	1344.53
	6/22/2010	1105	1583.59	239.16	1344.43
	2/23/2011	1148	1583.59	240.15	1343.44
	3/22/2011	0911	1583.59	240.46	1343.13
	4/25/2011	1500	1583.59	240.53	1343.06
	5/27/2011	0917	1583.59	240.77	1342.82
	6/30/2011	1015	1583.59	240.81	1342.78
	7/25/2011	0921	1583.59	241.04	1342.55
	9/2/2011	0948	1583.59	241.11	1342.48
	9/27/2011	1406	1583.59	241.15	1342.44
	10/24/2011	1041	1583.59	241.23	1342.36
	11/28/2011	1008	1583.59	241.26	1342.33
	12/27/2011	0947	1583.59	241.42	1342.17
	1/19/2012	1105	1583.59	241.23	1342.36
	2/27/2012	1424	1583.59	241.26	1342.33
	3/27/2012	0854	1583.59	241.42	1342.17
	4/28/2012	1532	1583.59	241.85	1341.74
	5/8/2012	0920	1583.59	242.25	1341.34
	6/29/2012	1015	1583.59	242.24	1341.35
	7/30/2012	1515	1583.59	242.39	1341.20
	8/7/2012	1425	1583.59	242.32	1341.27
	9/6/2012	0944	1583.59	242.58	1341.01
	10/4/2012	0847	1583.59	242.76	1340.83
	2/19/2013	1313	1583.59	243.04	1340.55
	3/29/2013	0815	1583.59	243.47	1340.12
	4/29/2013	1417	1583.59	243.37	1340.22
	5/30/2013	1820	1583.59	243.58	1340.01
	6/16/2013	1138	1583.59	243.66	1339.93
	7/15/2013	1200	1583.59	243.74	1339.85
	8/6/2013	1503	1583.59	243.95	1339.64
	9/17/2013	1802	1583.59	243.89	1339.70
	10/7/2013	1109	1583.59	244.01	1339.58
	11/21/2013	1305	1583.59	244.23	1339.36
	12/6/2013	1159	1583.59	244.45	1339.14
	1/13/2014	1604	1583.59	244.54	1339.05
	2/28/2014	1453	1583.59	244.65	1338.94
	3/15/2014	1508	1583.59	244.82	1338.77

Appendix C

Historical Water Level Data - UPCO Wells
2015 Annual Monitoring Report - February 2016
Former Universal Propulsion Company, Inc. Facility
Phoenix, Arizona



Well ID	Date	Time	Measuring Point Elevation (feet)	Depth to Water (feet)	Groundwater Elevation (feet amsl)
MW-3 (cont.)	3/31/2014	1146	1583.59	244.83	1338.76
	5/23/2014	1504	1583.59	244.95	1338.64
	6/14/2014	1232	1583.59	244.96	1338.63
	7/7/2014	0807	1583.59	245.04	1338.55
	9/3/2014	1357	1583.59	245.24	1338.35
	9/25/2014	1849	1583.59	245.35	1338.24
	10/28/2014	1203	1583.59	245.62	1337.97
	11/27/2014	1357	1583.59	245.47	1338.12
	12/15/2014	1255	1583.59	245.69	1337.90
	1/19/2015	1156	1583.59	245.80	1337.79
	2/25/2015	1352	1583.59	246.03	1337.56
	3/26/2015	1226	1583.59	246.43	1337.16
	4/13/2015	1014	1583.59	246.43	1337.16
	5/23/2015	1143	1583.59	246.50	1337.09
	6/15/2015	1409	1583.59	246.49	1337.10
	7/13/2015	1009	1583.59	246.45	1337.14
	8/31/2015	1330	1583.59	246.77	1336.82
	9/30/2015	1310	1583.59	246.90	1336.69
	10/26/2015	1400	1583.59	246.82	1336.77
	11/25/2015	1232	1583.59	246.83	1336.76
	12/10/2015	1222	1583.59	246.95	1336.64
MW-4	09/07/2004	0709	1620.34	269.13	1351.21
	10/22/2004	1100	1620.34	268.92	1351.42
	11/22/2004	0910	1620.34	269.58	1350.76
	12/07/2004	1000	1620.34	269.83	1350.51
	1/17/2005	0800	1620.34	269.84	1350.50
	2/14/2005	1004	1620.34	270.04	1350.30
	3/15/2005	1230	1620.34	270.15	1350.19
	4/25/2005	0645	1620.34	270.12	1350.22
	5/20/2005	0716	1620.34	270.22	1350.12
	6/27/2005	0750	1620.34	270.26	1350.08
	7/18/2005	0645	1620.34	270.56	1349.78
	8/22/2005	0721	1620.34	270.40	1349.94
	9/22/2005	0717	1620.34	270.44	1349.90
	10/24/2005	0847	1620.34	270.78	1349.56
	11/30/2005	1254	1620.34	270.82	1349.52
	12/22/2005	1427	1620.34	270.80	1349.54
	01/27/2006	0950	1620.34	271.05	1349.29
	02/20/2006	0850	1620.34	271.22	1349.12
	03/20/2006	1555	1620.34	271.28	1349.06
	05/22/2006	0857	1620.34	271.43	1348.91
	8/28/2006	1115	1620.34	271.82	1348.52
	11/13/2006	926	1620.34	271.33	1349.01
	2/12/2007	1135	1620.34	271.51	1348.83
	4/9/2007	1048	1620.34	271.66	1348.68
	7/30/2007	940	1620.34	272.63	1347.71
	10/15/2007	1324	1620.34	273.35	1346.99
	1/14/2008	1321	1620.34	273.81	1346.53
	3/31/2008	1316	1620.34	274.00	1346.34
	4/29/2008	1459	1620.34	273.76	1346.58
	5/27/2008	1350	1620.34	274.05	1346.29

Appendix C

Historical Water Level Data - UPCO Wells

2015 Annual Monitoring Report - February 2016

Former Universal Propulsion Company, Inc. Facility

Phoenix, Arizona

Well ID	Date	Time	Measuring Point Elevation (feet)	Depth to Water (feet)	Groundwater Elevation (feet amsl)
MW-4 (cont.)	6/27/2008	928	1620.34	274.18	1346.16
	7/28/2008	1603	1620.34	274.22	1346.12
	8/29/2008	1217	1620.34	274.40	1345.94
	9/20/2008	749	1620.34	274.48	1345.86
	10/14/2008	1246	1620.34	274.68	1345.66
	11/21/2008	940	1620.34	274.70	1345.64
	12/15/2008	1214	1620.34	274.90	1345.44
	1/12/2009	1042	1620.34	274.93	1345.41
	2/16/2009	1457	1620.34	274.78	1345.56
	3/17/2009	1316	1620.34	275.07	1345.27
	4/13/2009	1227	1620.34	275.04	1345.30
	5/20/2009	1225	1620.34	275.19	1345.15
	6/15/2009	1140	1620.34	275.23	1345.11
	7/6/2009	1130	1620.34	275.26	1345.08
	8/12/2009	1246	1620.34	275.39	1344.95
	9/28/2009	1036	1620.34	275.50	1344.84
	10/27/2009	0837	1620.34	275.50	1344.84
	11/25/2009	0749	1620.34	275.86	1344.48
	12/18/2009	1045	1620.34	275.82	1344.52
	1/18/2010	1023	1620.34	275.97	1344.37
	6/8/2010	1323	1620.34	276.21	1344.13
	6/22/2010	1237	1620.34	276.35	1343.99
	2/23/2011	1220	1620.34	276.84	1343.50
	3/22/2011	1015	1620.34	276.97	1343.37
	4/25/2011	1548	1620.34	276.92	1343.42
	5/27/2011	0943	1620.34	276.94	1343.40
	6/30/2011	1045	1620.34	277.11	1343.23
	7/25/2011	0954	1620.34	277.39	1342.95
	9/2/2011	1310	1620.34	277.28	1343.06
	9/27/2011	1427	1620.34	277.29	1343.05
	10/24/2011	1059	1620.34	277.38	1342.96
	11/28/2011	1022	1620.34	277.53	1342.81
	12/27/2011	1002	1620.34	277.59	1342.75
	1/19/2012	1135	1620.34	277.38	1342.96
	2/27/2012	1429	1620.34	277.53	1342.81
	3/27/2012	0906	1620.34	277.59	1342.75
	4/28/2012	1449	1620.34	277.71	1342.63
	5/8/2012	1044	1620.34	278.13	1342.21
	6/29/2012	1017	1620.34	278.12	1342.22
	7/30/2012	1747	1620.34	278.05	1342.29
	8/7/2012	1528	1620.34	278.03	1342.31
	9/6/2012	0956	1620.34	278.16	1342.18
	10/4/2012	0937	1620.34	278.36	1341.98
	2/19/2013	1440	1620.34	278.14	1342.20
	3/29/2013	0849	1620.34	278.87	1341.47
	4/29/2013	1615	1620.34	278.23	1342.11
	5/30/2013	1920	1620.34	278.48	1341.86
	6/16/2013	1245	1620.34	278.62	1341.72
	7/15/2013	1200	1620.34	279.46	1340.88
	8/6/2013	1638	1620.34	278.71	1341.63
	9/17/2013	1850	1620.34	278.55	1341.79

Appendix C

Historical Water Level Data - UPCO Wells
2015 Annual Monitoring Report - February 2016
Former Universal Propulsion Company, Inc. Facility
Phoenix, Arizona



Design & Consultancy
for natural and
built assets

Well ID	Date	Time	Measuring Point Elevation (feet)	Depth to Water (feet)	Groundwater Elevation (feet amsl)
MW-4 (cont.)	10/7/2013	1225	1620.34	278.70	1341.64
	11/21/2013	1430	1620.34	278.82	1341.52
	12/6/2013	1335	1620.34	279.09	1341.25
	1/13/2014	1713	1620.34	279.17	1341.17
	2/28/2014	1710	1620.34	278.87	1341.47
	3/15/2014	1653	1620.34	279.09	1341.25
	3/31/2014	1603	1620.34	278.98	1341.36
	5/23/2014	1620	1620.34	278.90	1341.44
	6/14/2014	1418	1620.34	278.87	1341.47
	7/7/2014	1038	1620.34	279.14	1341.20
	9/4/2014	1224	1620.34	279.15	1341.19
	9/26/2014	2218	1620.34	279.25	1341.09
	10/28/2014	1408	1620.34	279.47	1340.87
	11/27/2014	1548	1620.34	279.30	1341.04
	12/15/2014	1505	1620.34	279.51	1340.83
	1/19/2015	1346	1620.34	279.54	1340.80
	2/25/2015	1616	1620.34	279.58	1340.76
	3/26/2015	1423	1620.34	279.88	1340.46
	4/13/2015	1259	1620.34	279.97	1340.37
	5/23/2015	1338	1620.34	279.98	1340.36
	6/15/2015	1639	1620.34	279.88	1340.46
	7/13/2015	1305	1620.34	279.90	1340.44
	8/31/2015	1536	1620.34	279.96	1340.38
	9/30/2015	1515	1620.34	280.10	1340.24
	10/26/2015	1620	1620.34	280.00	1340.34
	11/25/2015	1420	1620.34	279.93	1340.41
	12/10/2015	1356	1620.34	280.05	1340.29
MW-5	09/07/2004	0815	1590.45	240.17	1350.28
	10/22/2004	1255	1590.45	239.67	1350.78
	11/22/2004	1135	1590.45	240.40	1350.05
	12/07/2004	1000	1590.45	240.49	1349.96
	1/17/2005	0815	1590.45	240.47	1349.98
	2/14/2005	1040	1590.45	240.44	1350.01
	3/15/2005	1220	1590.45	240.36	1350.09
	4/25/2005	0700	1590.45	240.38	1350.07
	5/20/2005	0735	1590.45	240.48	1349.97
	6/27/2005	0800	1590.45	240.58	1349.87
	7/18/2005	0700	1590.45	240.90	1349.55
	8/22/2005	0734	1590.45	240.81	1349.64
	9/22/2005	0730	1590.45	240.81	1349.64
	10/24/2005	0856	1590.45	240.85	1349.60
	11/30/2005	1304	1590.45	240.81	1349.64
	12/22/2005	1455	1590.45	240.90	1349.55
	1/27/2006	1111	1590.45	240.99	1349.46
	2/20/2006	1035	1590.45	240.94	1349.51
	3/20/2006	1540	1590.45	240.92	1349.53
	5/22/2006	0848	1590.45	241.07	1349.38
	8/28/2006	1141	1590.45	240.97	1349.48
	11/13/2006	0935	1590.45	241.04	1349.41
	2/12/2007	1151	1590.45	241.09	1349.36
	4/9/2007	1042	1590.45	241.10	1349.35
	7/30/2007	1002	1590.45	240.81	1349.64
	10/15/2007	1427	1590.45	241.12	1349.33
	1/14/2008	1458	1590.45	241.28	1349.17
	3/31/2008	1048	1590.45	241.31	1349.14

Appendix C

Historical Water Level Data - UPCO Wells

2015 Annual Monitoring Report - February 2016

Former Universal Propulsion Company, Inc. Facility

Phoenix, Arizona



Design & Consultancy
for natural and
built assets

Well ID	Date	Time	Measuring Point Elevation (feet)	Depth to Water (feet)	Groundwater Elevation (feet amsl)
MW-5 (cont.)	4/29/2008	1342	1590.45	241.28	1349.17
	5/27/2008	1532	1590.45	241.33	1349.12
	6/27/2008	0835	1590.45	241.48	1348.97
	7/28/2008	1646	1590.45	241.44	1349.01
	8/29/2008	1207	1590.45	241.45	1349.00
	9/20/2008	0755	1590.45	241.48	1348.97
	10/14/2008	1351	1590.45	241.43	1349.02
	11/21/2008	1328	1590.45	241.45	1349.00
	12/15/2008	1309	1590.45	241.43	1349.02
	1/12/2009	1253	1590.45	241.42	1349.03
	2/16/2009	1540	1590.45	241.45	1349.00
	3/17/2009	1407	1590.45	241.43	1349.02
	4/13/2009	1320	1590.45	241.43	1349.02
	5/20/2009	1315	1590.45	241.53	1348.92
	6/15/2009	1235	1590.45	241.57	1348.88
	7/6/2009	1454	1590.45	241.54	1348.91
	8/12/2009	1334	1590.45	241.58	1348.87
	9/28/2009	0913	1594.08	245.32	1348.76
	10/27/2009	1105	1594.08	245.38	1348.70
	11/25/2009	1054	1594.08	245.54	1348.54
	12/18/2009	1135	1594.08	245.59	1348.49
	1/19/2010	0743	1594.08	245.76	1348.32
	6/8/2010	1255	1594.08	245.39	1348.69
	6/22/2010	1329	1594.08	245.38	1348.70
	2/23/2011	1305	1594.08	245.38	1348.70
	3/22/2011	1055	1594.08	245.37	1348.71
	4/26/2011	0805	1594.08	245.43	1348.65
	5/27/2011	1019	1594.08	245.39	1348.69
	6/30/2011	1137	1594.08	245.41	1348.67
	7/25/2011	1031	1594.08	245.64	1348.44
	9/2/2011	1347	1594.08	245.44	1348.64
	9/27/2011	1455	1594.08	245.45	1348.63
	10/24/2011	1145	1594.08	245.50	1348.58
	11/28/2011	1134	1594.08	245.53	1348.55
	12/27/2011	1103	1594.08	245.56	1348.52
	1/19/2012	1231	1594.08	245.50	1348.58
	2/27/2012	1536	1594.08	245.53	1348.55
	3/27/2012	1023	1594.08	245.56	1348.52
	4/28/2012	1637	1594.08	245.56	1348.52
	5/8/2012	1112	1594.08	245.86	1348.22
	7/30/2012	1918	1594.08	245.70	1348.38
	8/19/2012	1555	1594.08	245.60	1348.48
	9/6/2012	1113	1594.08	245.70	1348.38
	10/4/2012	1037	1594.08	245.75	1348.33
	2/19/2013	1614	1594.08	245.77	1348.31
	3/29/2013	0912	1594.08	245.94	1348.14

Appendix C

Historical Water Level Data - UPCO Wells

2015 Annual Monitoring Report - February 2016

Former Universal Propulsion Company, Inc. Facility

Phoenix, Arizona

Design & Consultancy
for natural and
built assets

Well ID	Date	Time	Measuring Point Elevation (feet)	Depth to Water (feet)	Groundwater Elevation (feet amsl)
MW-5 (cont.)	4/29/2013	1715	1594.08	245.88	1348.20
	5/30/2013	1950	1594.08	245.91	1348.17
	6/16/2013	1315	1594.08	245.91	1348.17
	7/15/2013	1200	1594.08	246.02	1348.06
	8/6/2013	1824	1594.08	245.98	1348.10
	9/17/2013	2003	1594.08	246.02	1348.06
	10/7/2013	1354	1594.08	246.01	1348.07
	11/21/2013	1519	1594.08	246.06	1348.02
	12/6/2013	1415	1594.08	246.04	1348.04
	1/13/2014	1735	1594.08	246.10	1347.98
	2/28/2014	1849	1594.08	246.13	1347.95
	3/15/2014	1806	1594.08	246.13	1347.95
	3/31/2014	1642	1594.08	246.08	1348.00
	5/23/2014	1710	1594.08	246.34	1347.74
	6/14/2014	1459	1594.08	246.25	1347.83
	7/7/2014	1139	1594.08	245.97	1348.11
	9/4/2014	1338	1594.08	246.03	1348.05
	9/27/2014	0019	1594.08	246.13	1347.95
	10/28/2014	1600	1594.08	246.15	1347.93
	11/27/2014	1807	1594.08	246.12	1347.96
	12/15/2014	1732	1594.08	246.22	1347.86
	1/19/2015	1542	1594.08	246.23	1347.85
	2/25/2015	1752	1594.08	246.25	1347.83
	3/26/2015	1623	1594.08	246.38	1347.70
	4/13/2015	1438	1594.08	246.39	1347.69
	5/23/2015	1535	1594.08	246.42	1347.66
	6/15/2015	1845	1594.08	246.44	1347.64
	7/13/2015	1500	1594.08	246.33	1347.75
	8/31/2015	1815	1594.08	246.48	1347.60
	9/30/2015	1804	1594.08	246.48	1347.60
	10/26/2015	1857	1594.08	246.37	1347.71
	11/25/2015	1653	1594.08	246.40	1347.68
	12/10/2015	1600	1594.08	246.39	1347.69
MW-6	09/07/2004	0739	1548.22	162.22	1386.00
	10/22/2004	1224	1548.22	161.27	1386.95
	11/22/2004	1045	1548.22	161.77	1386.45
	12/07/2004	1000	1548.22	161.99	1386.23
	1/17/2005	0830	1548.22	162.32	1385.90
	2/14/2005	1121	1548.22	162.50	1385.72
	3/15/2005	1200	1548.22	160.38	1387.84
	4/25/2005	0735	1548.22	149.74	1398.48
	5/20/2005	0810	1548.22	148.31	1399.91
	6/27/2005	0810	1548.22	148.82	1399.40
	7/18/2005	0725	1548.22	149.61	1398.61
	8/22/2005	0749	1548.22	150.88	1397.34
	9/22/2005	0814	1548.22	151.89	1396.33
	10/24/2005	0903	1548.22	153.11	1395.11
	11/30/2005	1348	1548.22	154.16	1394.06
	12/22/2005	1447	1548.22	154.68	1393.54
	1/27/2006	1101	1548.22	155.56	1392.66
	2/20/2006	1110	1548.22	156.10	1392.12
	3/20/2006	1625	1548.22	156.61	1391.61
	5/22/2006	1011	1548.22	157.80	1390.42
	8/28/2006	1216	1548.22	159.64	1388.58
	11/13/2006	1022	1548.22	161.11	1387.11

Appendix C

Historical Water Level Data - UPCO Wells
2015 Annual Monitoring Report - February 2016
Former Universal Propulsion Company, Inc. Facility
Phoenix, Arizona

Well ID	Date	Time	Measuring Point Elevation (feet)	Depth to Water (feet)	Groundwater Elevation (feet amsl)
MW-6 (cont.)	2/12/2007	1300	1548.22	161.95	1386.27
	4/9/2007	1053	1548.22	161.63	1386.59
	7/30/2007	1016	1548.22	162.92	1385.30
	10/15/2007	1413	1548.22	163.95	1384.27
	1/14/2008	1520	1548.22	164.94	1383.28
	3/31/2008	0910	1548.22	165.42	1382.80
	4/29/2008	1520	1548.22	164.28	1383.94
	5/27/2008	1540	1548.22	163.05	1385.17
	6/27/2008	0850	1548.22	162.08	1386.14
	7/28/2008	1636	1548.22	161.50	1386.72
	8/29/2008	1037	1548.22	161.30	1386.92
	9/20/2008	0905	1548.22	161.33	1386.89
	10/14/2008	1402	1548.22	161.48	1386.74
	11/21/2008	1320	1548.22	161.71	1386.51
	12/15/2008	1253	1548.22	161.89	1386.33
	1/12/2009	1236	1548.22	162.28	1385.94
	2/16/2009	1528	1548.22	162.43	1385.79
	3/17/2009	1357	1548.22	162.81	1385.41
	4/13/2009	1305	1548.22	162.83	1385.39
	5/20/2009	1305	1548.22	162.78	1385.44
	6/15/2009	1222	1548.22	162.57	1385.65
	7/6/2009	1440	1548.22	162.50	1385.72
	8/12/2009	1324	1548.22	162.64	1385.58
	9/28/2009	0925	1551.65	166.25	1385.40
	10/27/2009	1129	1551.65	166.33	1385.32
	11/25/2009	1102	1551.65	167.02	1384.63
	12/18/2009	1120	1551.65	167.10	1384.55
	1/18/2010	1156	1551.65	167.37	1384.28
	6/8/2010	1146	1551.65	162.94	1388.71
	6/22/2010	1216	1551.65	162.17	1389.48
	2/23/2011	1255	1551.65	162.70	1388.95
	3/22/2011	0952	1551.65	163.03	1388.62
	4/26/2011	0811	1551.65	162.62	1389.03
	5/27/2011	1035	1551.65	162.82	1388.83
	6/30/2011	1201	1551.65	162.68	1388.97
	7/25/2011	1044	1551.65	163.13	1388.52
	9/2/2011	1227	1551.65	163.19	1388.46
	9/27/2011	1503	1551.65	163.47	1388.18
	10/24/2011	1138	1551.65	163.80	1387.85
	11/28/2011	1122	1551.65	164.37	1387.28
	12/27/2011	1053	1551.65	164.70	1386.95
	1/19/2012	1220	1551.65	163.80	1387.85
	2/27/2012	1526	1551.65	164.37	1387.28
	3/27/2012	1012	1551.65	164.70	1386.95
	4/28/2012	1555	1551.65	165.94	1385.71
	5/8/2012	1209	1551.65	166.45	1385.20
	6/29/2012	1040	1551.65	167.00	1384.65
	7/30/2012	1703	1551.65	167.28	1384.37
	8/17/2012	1838	1551.65	167.53	1384.12
	9/6/2012	1102	1551.65	167.92	1383.73
	10/4/2012	0919	1551.65	168.28	1383.37
	2/19/2013	1551	1551.65	169.11	1382.54
	3/29/2013	0829	1551.65	169.90	1381.75
	4/29/2013	1722	1551.65	170.13	1381.52
	5/30/2013	2030	1551.65	170.14	1381.51

Appendix C

Historical Water Level Data - UPCO Wells
2015 Annual Monitoring Report - February 2016
Former Universal Propulsion Company, Inc. Facility
Phoenix, Arizona



Design & Consultancy
for natural and
built assets

Well ID	Date	Time	Measuring Point Elevation (feet)	Depth to Water (feet)	Groundwater Elevation (feet amsl)
MW-6 (cont.)	6/16/2013	1408	1551.65	170.32	1381.33
	7/15/2013	1200	1551.65	170.03	1381.62
	8/6/2013	1812	1551.65	170.55	1381.10
	9/17/2013	1825	1551.65	170.32	1381.33
	10/7/2013	1322	1551.65	170.34	1381.31
	11/21/2013	1620	1551.65	170.65	1381.00
	12/6/2013	1525	1551.65	170.84	1380.81
	1/13/2014	1755	1551.65	170.68	1380.97
	2/28/2014	1820	1551.65	170.72	1380.93
	3/15/2014	1746	1551.65	170.66	1380.99
	3/31/2014	1630	1551.65	170.48	1381.17
	5/23/2014	1653	1551.65	172.86	1378.79
	6/14/2014	1444	1551.65	172.08	1379.57
	7/7/2014	1120	1551.65	171.94	1379.71
	9/4/2014	1313	1551.65	169.60	1382.05
	9/15/2014	0925	1551.65	170.08	1381.57
	10/28/2014	1533	1551.65	163.60	1388.05
	11/27/2014	1755	1551.65	165.60	1386.05
	12/15/2014	1715	1551.65	166.28	1385.37
	1/19/2015	1533	1551.65	167.08	1384.57
	2/25/2015	1236	1551.65	167.11	1384.54
	3/26/2015	1750	1551.65	167.42	1384.23
	4/13/2015	1427	1551.65	167.53	1384.12
	5/23/2015	1520	1551.65	167.29	1384.36
	6/15/2015	1830	1551.65	167.24	1384.41
	7/13/2015	1412	1551.65	166.96	1384.69
	8/31/2015	1720	1551.65	167.23	1384.42
	9/30/2015	1710	1551.65	167.32	1384.33
	10/26/2015	1808	1551.65	167.46	1384.19
	11/25/2015	1608	1551.65	167.44	1384.21
	12/10/2015	1515	1551.65	167.64	1384.01
MW-7	10/22/2004	1200	1541.35	157.21	1384.14
	11/22/2004	0950	1541.35	154.14	1387.21
	12/07/2004	1000	1541.35	154.55	1386.80
	1/17/2005	0845	1541.35	155.02	1386.33
	2/14/2005	1111	1541.35	155.20	1386.15
	3/15/2005	1130	1541.35	155.48	1385.87
	4/25/2005	0840	1541.35	155.56	1385.79
	5/20/2005	0852	1541.35	155.56	1385.79
	6/27/2005	0845	1541.35	155.60	1385.75
	7/18/2005	0757	1541.35	155.94	1385.41
	8/22/2005	0838	1541.35	156.09	1385.26
	9/22/2005	0845	1541.35	156.37	1384.98
	10/24/2005	0837	1541.35	157.01	1384.34
	11/30/2005	1225	1541.35	157.41	1383.94
	12/22/2005	1347	1541.35	157.73	1383.62
	1/27/2006	1034	1541.35	158.25	1383.10
	2/20/2006	0955	1541.35	158.58	1382.77
	3/20/2006	1645	1541.35	158.83	1382.52
	5/22/2006	0948	1541.35	159.39	1381.96
	8/28/2006	1027	1541.35	159.54	1381.81
	11/13/2006	1030	1541.35	159.48	1381.87
	2/12/2007	1250	1541.35	159.37	1381.98
	4/9/2007	1055	1541.35	159.30	1382.05
	7/30/2007	1121	1541.35	159.48	1381.87

Appendix C**Historical Water Level Data - UPCO Wells**

2015 Annual Monitoring Report - February 2016

Former Universal Propulsion Company, Inc. Facility

Phoenix, Arizona

Design & Consultancy
for natural and
built assets

Well ID	Date	Time	Measuring Point Elevation (feet)	Depth to Water (feet)	Groundwater Elevation (feet amsl)
MW-7 (cont.)	10/15/2007	0909	1541.35	160.12	1381.23
	1/14/2008	0903	1541.35	160.61	1380.74
	3/31/2008	1351	1541.35	160.53	1380.82
	4/29/2008	1254	1541.35	160.46	1380.89
	5/27/2008	1445	1541.35	160.63	1380.72
	6/27/2008	1050	1541.35	160.83	1380.52
	7/28/2008	1402	1541.35	160.92	1380.43
	8/29/2008	1300	1541.35	160.85	1380.50
	9/20/2008	1145	1541.35	160.98	1380.37
	10/14/2008	1057	1541.35	161.21	1380.14
	11/21/2008	1025	1541.35	161.22	1380.13
	12/15/2008	0823	1541.35	161.19	1380.16
	1/12/2009	0750	1541.35	161.39	1379.96
	2/16/2009	0956	1541.35	161.17	1380.18
	3/17/2009	0839	1541.35	161.42	1379.93
	4/13/2009	0843	1541.35	161.39	1379.96
	5/20/2009	0817	1541.35	161.49	1379.86
	6/15/2009	0826	1541.35	161.57	1379.78
	7/6/2009	0745	1541.35	161.58	1379.77
	8/12/2009	1137	1541.35	161.71	1379.64
	9/28/2009	0947	1541.35	161.71	1379.64
	10/27/2009	0749	1541.35	161.70	1379.65
	11/25/2009	0706	1541.35	162.06	1379.29
	12/18/2009	0828	1541.35	162.07	1379.28
	1/18/2010	0748	1541.35	162.03	1379.32
	6/8/2010	1343	1541.35	162.04	1379.31
	6/22/2010	1124	1541.35	162.16	1379.19
	2/23/2011	0850	1541.35	162.20	1379.15
	3/22/2011	0834	1541.35	162.36	1378.99
	4/25/2011	1327	1541.35	162.25	1379.10
	5/27/2011	0800	1541.35	162.24	1379.11
	6/30/2011	0800	1541.35	162.93	1378.42
	7/25/2011	0720	1541.35	162.66	1378.69
	9/2/2011	1200	1541.35	162.41	1378.94
	9/27/2011	1228	1541.35	162.42	1378.93
	10/24/2011	0843	1541.35	162.50	1378.85
	11/28/2011	0821	1541.35	162.64	1378.71
	12/27/2011	0845	1541.35	162.61	1378.74
	1/19/2012	0937	1541.35	162.50	1378.85

Appendix C

Historical Water Level Data - UPCO Wells
2015 Annual Monitoring Report - February 2016
Former Universal Propulsion Company, Inc. Facility
Phoenix, Arizona



Design & Consultancy
for natural and
built assets

Well ID	Date	Time	Measuring Point Elevation (feet)	Depth to Water (feet)	Groundwater Elevation (feet amsl)
MW-7 (cont.)	2/27/2012	1316	1541.35	162.64	1378.71
	3/27/2012	0725	1541.35	162.61	1378.74
	4/28/2012	1300	1541.35	162.38	1378.97
	5/8/2012	0722	1541.35	162.68	1378.67
	6/29/2012	0859	1541.35	162.68	1378.67
	7/30/2012	1604	1541.35	162.61	1378.74
	8/7/2012	0800	1541.35	162.69	1378.66
	9/6/2012	0815	1541.35	162.74	1378.61
	10/4/2012	0825	1541.35	162.82	1378.53
	2/19/2013	1344	1541.35	162.55	1378.80
	3/29/2013	0646	1541.35	163.93	1377.42
	4/29/2013	1430	1541.35	162.59	1378.76
	5/30/2013	1840	1541.35	162.63	1378.72
	6/16/2013	1146	1541.35	162.83	1378.52
	7/15/2013	1200	1541.35	164.64	1376.71
	8/6/2013	1522	1541.35	163.03	1378.32
	9/17/2013	1703	1541.35	162.55	1378.80
	10/7/2013	1140	1541.35	162.88	1378.47
	11/21/2013	1320	1541.35	162.60	1378.75
	12/6/2013	1220	1541.35	162.76	1378.59
	1/13/2014	1617	1541.35	162.67	1378.68
	2/28/2014	1559	1541.35	162.12	1379.23
	3/15/2014	1555	1541.35	162.30	1379.05
	3/31/2014	1248	1541.35	162.22	1379.13
	5/23/2014	1523	1541.35	162.04	1379.31
	6/14/2014	1317	1541.35	161.95	1379.40
	7/7/2014	0852	1541.35	162.00	1379.35
	9/4/2014	1120	1541.35	161.73	1379.62
	9/25/2014	2020	1541.35	161.74	1379.61
	10/28/2014	1259	1541.35	161.54	1379.81
	11/27/2014	1447	1541.35	160.94	1380.41
	12/15/2014	1352	1541.35	160.60	1380.75
	1/19/2015	1238	1541.35	160.13	1381.22
	2/25/2015	1503	1541.35	159.56	1381.79
	3/26/2015	1322	1541.35	159.47	1381.88
	4/13/2015	1155	1541.35	159.34	1382.01
	5/23/2015	1235	1541.35	159.11	1382.24
	6/15/2015	1515	1541.35	158.74	1382.61
	7/13/2015	1102	1541.35	158.77	1382.58
	8/31/2015	1435	1541.35	158.52	1382.83
	9/30/2015	1408	1541.35	158.58	1382.77
	10/26/2015	1513	1541.35	158.48	1382.87
	11/25/2015	1308	1541.35	158.31	1383.04
	12/10/2015	1255	1541.35	158.45	1382.90
MW-8	10/22/2004	1212	1542.18	193.21	1348.97
	11/22/2004	1010	1542.18	192.27	1349.91
	12/07/2004	1000	1542.18	192.29	1349.89
	1/17/2005	0900	1542.18	192.27	1349.91
	2/14/2005	1130	1542.18	192.29	1349.89
	3/15/2005	1140	1542.18	192.27	1349.91
	4/25/2005	0850	1542.18	192.29	1349.89

Appendix C

Historical Water Level Data - UPCO Wells
2015 Annual Monitoring Report - February 2016
Former Universal Propulsion Company, Inc. Facility
Phoenix, Arizona

Well ID	Date	Time	Measuring Point Elevation (feet)	Depth to Water (feet)	Groundwater Elevation (feet amsl)
MW-8 (cont.)	5/20/2005	0910	1542.18	192.50	1349.68
	6/27/2005	1015	1542.18	192.57	1349.61
	7/18/2005	0806	1542.18	192.88	1349.30
	8/22/2005	0850	1542.18	192.90	1349.28
	9/22/2005	0855	1542.18	192.84	1349.34
	10/24/2005	0828	1542.18	192.89	1349.29
	11/30/2005	1218	1542.18	192.84	1349.34
	12/22/2005	1354	1542.18	192.91	1349.27
	1/27/2006	1024	1542.18	193.98	1348.20
	2/20/2006	1005	1542.18	192.93	1349.25
	3/20/2006	1658	1542.18	192.83	1349.35
	5/22/2006	0955	1542.18	192.97	1349.21
	8/28/2006	1035	1542.18	192.95	1349.23
	11/13/2006	0853	1542.18	192.98	1349.20
	2/12/2007	1125	1542.18	193.01	1349.17
	4/9/2007	1012	1542.18	192.79	1349.39
	7/30/2007	1104	1542.18	192.71	1349.47
	10/15/2007	0839	1542.18	193.18	1349.00
	1/14/2008	0844	1542.18	193.32	1348.86
	3/31/2008	1400	1542.18	193.17	1349.01
	4/29/2008	1706	1542.18	193.08	1349.10
	5/27/2008	1457	1542.18	193.25	1348.93
	6/27/2008	1029	1542.18	193.39	1348.79
	7/28/2008	1415	1542.18	193.36	1348.82
	8/29/2008	1252	1542.18	193.37	1348.81
	9/20/2008	1250	1542.18	193.35	1348.83
	10/14/2008	1110	1542.18	193.37	1348.81
	11/21/2008	0955	1542.18	193.38	1348.80
	12/15/2008	0811	1542.18	193.35	1348.83
	1/12/2009	0739	1542.18	193.34	1348.84
	2/16/2009	0943	1542.18	193.37	1348.81
	3/17/2009	0827	1542.18	193.38	1348.80
	4/13/2009	0834	1542.18	193.33	1348.85
	5/20/2009	0805	1542.18	193.55	1348.63
	6/15/2009	0815	1542.18	193.51	1348.67
	7/6/2009	0733	1542.18	193.49	1348.69
	8/12/2009	1148	1542.18	193.52	1348.66
	9/28/2009	1000	1542.18	193.70	1348.48
	10/27/2009	0806	1542.18	193.80	1348.38
	11/25/2009	0714	1542.18	193.99	1348.19
	12/18/2009	0839	1542.18	194.08	1348.10
	1/18/2010	0817	1542.18	194.20	1347.98
	6/8/2010	1415	1542.18	193.56	1348.62
	6/22/2010	1203	1542.18	193.62	1348.56
	2/23/2011	0825	1542.18	193.59	1348.59
	3/22/2011	0817	1542.18	193.66	1348.52
	4/25/2011	1313	1542.18	193.60	1348.58
	5/27/2011	0745	1542.18	193.65	1348.53
	6/30/2011	0739	1542.18	193.68	1348.50
	7/25/2011	0700	1542.18	193.85	1348.33
	9/2/2011	1121	1542.18	193.69	1348.49

Appendix C

Historical Water Level Data - UPCO Wells
2015 Annual Monitoring Report - February 2016
Former Universal Propulsion Company, Inc. Facility
Phoenix, Arizona



Design & Consultancy
for natural and
built assets

Well ID	Date	Time	Measuring Point Elevation (feet)	Depth to Water (feet)	Groundwater Elevation (feet amsl)
MW-8 (cont.)	9/27/2011	1218	1542.18	193.70	1348.48
	10/24/2011	0827	1542.18	193.76	1348.42
	11/28/2011	0809	1542.18	193.74	1348.44
	12/27/2011	0834	1542.18	193.75	1348.43
	1/19/2012	0925	1542.18	193.76	1348.42
	2/27/2012	1307	1542.18	193.74	1348.44
	3/27/2012	0715	1542.18	193.75	1348.43
	4/28/2012	1329	1542.18	193.75	1348.43
	5/8/2012	0701	1542.18	194.07	1348.11
	6/29/2012	0839	1542.18	194.10	1348.08
	7/30/2012	1639	1542.18	193.81	1348.37
	8/7/2012	1035	1542.18	193.89	1348.29
	9/6/2012	0805	1542.18	194.05	1348.13
	10/4/2012	0800	1542.18	194.04	1348.14
	2/19/2013	1412	1542.18	193.95	1348.23
	3/29/2013	0621	1542.18	194.13	1348.05
	4/29/2013	1525	1542.18	194.02	1348.16
	5/30/2013	1900	1542.18	194.09	1348.09
	6/16/2013	1210	1542.18	194.17	1348.01
	7/15/2013	1200	1542.18	196.02	1346.16
	8/6/2013	1647	1542.18	194.17	1348.01
	9/17/2013	1740	1542.18	194.12	1348.06
	10/7/2013	1210	1542.18	194.20	1347.98
	11/21/2013	1350	1542.18	194.22	1347.96
	12/6/2013	1245	1542.18	194.24	1347.94
	1/13/2014	1640	1542.18	194.27	1347.91
	2/28/2014	1623	1542.18	194.25	1347.93
	3/15/2014	1614	1542.18	194.28	1347.90
	3/31/2014	1348	1542.18	194.29	1347.89
	5/23/2014	1542	1542.18	194.38	1347.80
	6/14/2014	1334	1542.18	194.52	1347.66
	7/7/2014	1005	1542.18	194.16	1348.02
	9/4/2014	1146	1542.18	194.26	1347.92
	9/25/2014	2052	1542.18	194.32	1347.86
	10/28/2014	1325	1542.18	194.33	1347.85
	11/27/2014	1510	1542.18	194.23	1347.95
	12/15/2014	1423	1542.18	194.35	1347.83
	1/19/2015	1308	1542.18	194.40	1347.78
	2/25/2015	1532	1542.18	194.52	1347.66
	3/26/2015	1343	1542.18	194.54	1347.64
	4/13/2015	1229	1542.18	196.58	1345.60
	5/23/2015	1259	1542.18	194.61	1347.57
	6/15/2015	1546	1542.18	194.53	1347.65
	7/13/2015	1125	1542.18	194.54	1347.64
	8/31/2015	1508	1542.18	194.58	1347.60
	9/30/2015	1441	1542.18	194.63	1347.55
	10/26/2015	1546	1542.18	194.52	1347.66
	11/25/2015	1342	1542.18	194.54	1347.64
	12/10/2015	1328	1542.18	194.56	1347.62

Appendix C

Historical Water Level Data - UPCO Wells
2015 Annual Monitoring Report - February 2016
Former Universal Propulsion Company, Inc. Facility
Phoenix, Arizona



Well ID	Date	Time	Measuring Point Elevation (feet)	Depth to Water (feet)	Groundwater Elevation (feet amsl)
MW-9	2/14/2005	1139	1565.60	215.29	1350.31
	3/15/2005	1110	1565.60	215.36	1350.24
	4/25/2005	0955	1565.60	215.34	1350.26
	5/20/2005	0926	1565.60	215.36	1350.24
	6/27/2005	1030	1565.60	215.41	1350.19
	7/18/2005	0819	1565.60	215.68	1349.92
	8/22/2005	0902	1565.60	215.57	1350.03
	9/22/2005	0908	1565.60	215.59	1350.01
	10/24/2005	0818	1565.60	215.72	1349.88
	11/30/2005	1207	1565.60	215.70	1349.90
	12/22/2005	1403	1565.60	215.64	1349.96
	1/27/2006	1014	1565.60	215.83	1349.77
	2/20/2006	1015	1565.60	215.84	1349.76
	3/20/2006	1710	1565.60	215.82	1349.78
	5/22/2006	1002	1565.60	216.03	1349.57
	8/28/2006	1047	1565.60	215.95	1349.65
	11/13/2006	0843	1565.60	216.07	1349.53
	2/12/2007	1258	1565.60	216.12	1349.48
	4/9/2007	1051	1565.60	216.19	1349.41
	7/30/2007	1051	1565.60	215.83	1349.77
	10/15/2007	0820	1565.60	216.16	1349.44
	1/14/2008	0822	1565.60	216.30	1349.30
	3/31/2008	1413	1565.60	216.26	1349.34
	4/29/2008	1716	1565.60	216.15	1349.45
	5/27/2008	1509	1565.60	216.24	1349.36
	6/27/2008	1039	1565.60	216.37	1349.23
	7/28/2008	1429	1565.60	216.34	1349.26
	8/29/2008	1247	1565.60	216.38	1349.22
	9/20/2008	1303	1565.60	216.42	1349.18
	10/14/2008	1120	1565.60	216.46	1349.14
	11/21/2008	1013	1565.60	216.51	1349.09
	12/15/2008	0800	1565.60	216.52	1349.08
	1/12/2009	0730	1565.60	216.53	1349.07
	2/16/2009	0933	1565.60	216.52	1349.08
	3/17/2009	0819	1565.60	216.56	1349.04
	4/13/2009	0827	1565.60	216.54	1349.06
	5/20/2009	0758	1565.60	216.58	1349.02
	6/15/2009	0806	1565.60	216.60	1349.00
	7/6/2009	0724	1565.60	216.61	1348.99
	8/12/2009	0929	1565.60	216.62	1348.98
	9/28/2009	1010	1565.60	216.68	1348.92
	10/27/2009	0825	1565.60	216.62	1348.98
	11/25/2009	0727	1565.60	216.80	1348.80
	12/18/2009	0900	1565.60	216.85	1348.75
	1/18/2010	0825	1565.60	216.94	1348.66
	6/8/2010	1445	1565.60	216.85	1348.75
	6/22/2010	1151	1565.60	216.92	1348.68
	2/23/2011	0810	1565.60	216.90	1348.70
	3/22/2011	0826	1565.60	216.92	1348.68
	4/25/2011	1300	1565.60	216.86	1348.74

Appendix C

Historical Water Level Data - UPCO Wells
2015 Annual Monitoring Report - February 2016
Former Universal Propulsion Company, Inc. Facility
Phoenix, Arizona



Design & Consultancy
for natural and
built assets

Well ID	Date	Time	Measuring Point Elevation (feet)	Depth to Water (feet)	Groundwater Elevation (feet amsl)
MW-9 (cont.)	5/27/2011	0720	1565.60	216.93	1348.67
	6/30/2011	0705	1565.60	216.93	1348.67
	7/25/2011	0630	1565.60	217.11	1348.49
	9/2/2011	1102	1565.60	216.92	1348.68
	9/27/2011	1205	1565.60	216.94	1348.66
	10/24/2011	0812	1565.60	216.99	1348.61
	11/28/2011	0750	1565.60	216.95	1348.65
	12/27/2011	0820	1565.60	217.00	1348.60
	1/19/2012	0905	1565.60	216.99	1348.61
	2/27/2012	1251	1565.60	216.95	1348.65
	3/27/2012	0655	1565.60	217.00	1348.60
	4/28/2012	1341	1565.60	216.93	1348.67
	5/8/2012	0710	1565.60	217.29	1348.31
	6/29/2012	0830	1565.60	217.06	1348.54
	7/30/2012	1618	1565.60	216.99	1348.61
	8/9/2012	1225	1565.60	217.03	1348.57
	9/6/2012	0745	1565.60	217.19	1348.41
	10/4/2012	0740	1565.60	217.22	1348.38
	2/19/2013	1400	1565.60	217.12	1348.48
	3/29/2013	0630	1565.60	217.36	1348.24
	4/29/2013	1537	1565.60	217.15	1348.45
	5/30/2013	1910	1565.60	217.23	1348.37
	6/16/2013	1220	1565.60	217.28	1348.32
	7/15/2013	1200	1565.60	219.17	1346.43
	8/6/2013	1655	1565.60	217.27	1348.33
	9/17/2013	1719	1565.60	217.27	1348.33
	10/7/2013	1152	1565.60	217.34	1348.26
	11/21/2013	1402	1565.60	217.38	1348.22
	12/6/2013	1257	1565.60	217.41	1348.19
	1/13/2014	1650	1565.60	217.44	1348.16
	2/28/2014	1634	1565.60	217.38	1348.22
	3/15/2014	1624	1565.60	217.42	1348.18
	3/31/2014	1359	1565.60	217.44	1348.16
	5/23/2014	1552	1565.60	217.47	1348.13
	6/14/2014	1345	1565.60	217.47	1348.13
	7/7/2014	1017	1565.60	217.56	1348.04
	9/4/2014	1155	1565.60	217.44	1348.16
	9/25/2014	2101	1565.60	217.47	1348.13
	10/28/2014	1337	1565.60	217.49	1348.11
	11/27/2014	1521	1565.60	217.39	1348.21
	12/15/2014	1433	1565.60	217.51	1348.09
	1/19/2015	1320	1565.60	217.54	1348.06
	2/25/2015	1544	1565.60	217.57	1348.03
	3/26/2015	1355	1565.60	217.69	1347.91
	4/13/2015	1237	1565.60	217.74	1347.86
	5/23/2015	1309	1565.60	217.76	1347.84
	6/15/2015	1600	1565.60	217.70	1347.90
	7/13/2015	1137	1565.60	217.72	1347.88
	8/31/2015	1520	1565.60	217.71	1347.89
	9/30/2015	1454	1565.60	217.75	1347.85
	10/26/2015	1558	1565.60	217.64	1347.96

Appendix C

Historical Water Level Data - UPCO Wells
2015 Annual Monitoring Report - February 2016
Former Universal Propulsion Company, Inc. Facility
Phoenix, Arizona



Design & Consultancy
for natural and
built assets

Well ID	Date	Time	Measuring Point Elevation (feet)	Depth to Water (feet)	Groundwater Elevation (feet amsl)
MW-9 (cont.)	11/25/2015	1356	1565.60	217.69	1347.91
	12/10/2015	1340	1565.60	217.69	1347.91
MW-10	2/14/2005	1106	1536.11	149.92	1386.19
	3/15/2005	1120	1536.11	149.71	1386.40
	4/25/2005	0830	1536.11	149.56	1386.55
	5/20/2005	0842	1536.11	149.33	1386.78
	6/27/2005	0835	1536.11	149.04	1387.07
	7/18/2005	0748	1536.11	149.08	1387.03
	8/22/2005	0828	1536.11	149.02	1387.09
	9/22/2005	0836	1536.11	148.88	1387.23
	10/24/2005	0755	1536.11	149.20	1386.91
	11/30/2005	1232	1536.11	149.27	1386.84
	12/22/2005	1341	1536.11	149.33	1386.78
	1/27/2006	1039	1536.11	149.48	1386.63
	2/20/2006	0945	1536.11	149.56	1386.55
	3/20/2006	1635	1536.11	149.54	1386.57
	05/22/2006	0942	1536.11	149.66	1386.45
	8/28/2006	1015	1536.11	150.05	1386.06
	11/13/2006	1050	1536.11	150.45	1385.66
	2/12/2007	1307	1536.11	150.63	1385.48
	4/9/2007	1032	1536.11	150.75	1385.36
	7/30/2007	1134	1536.11	150.88	1385.23
	10/15/2007	0924	1536.11	151.45	1384.66
	1/14/2008	0919	1536.11	151.93	1384.18
	3/31/2008	1342	1536.11	152.04	1384.07
	4/29/2008	1234	1536.11	151.98	1384.13
	5/27/2008	1438	1536.11	152.20	1383.91
	6/27/2008	0950	1536.11	152.37	1383.74
	7/28/2008	1440	1536.11	152.48	1383.63
	8/29/2008	1305	1536.11	152.41	1383.70
	9/20/2008	1130	1536.11	152.58	1383.53
	10/14/2008	1049	1536.11	152.83	1383.28
	11/21/2008	1034	1536.11	152.88	1383.23
	12/15/2008	0831	1536.11	152.87	1383.24
	1/12/2009	0805	1536.11	153.14	1382.97
	2/16/2009	1003	1536.11	152.95	1383.16
	3/17/2009	0847	1536.11	153.23	1382.88
	4/13/2009	0851	1536.11	153.24	1382.87
	5/20/2009	0824	1536.11	153.28	1382.83
	6/15/2009	0835	1536.11	153.35	1382.76
	7/6/2009	0754	1536.11	153.42	1382.69
	8/12/2009	0940	1536.11	153.61	1382.50
	9/28/2009	1020	1536.11	153.62	1382.49
	10/27/2009	0816	1536.11	153.64	1382.47
	11/25/2009	0650	1536.11	153.98	1382.13
	12/18/2009	0908	1536.11	154.00	1382.11

Appendix C**Historical Water Level Data - UPCO Wells**

2015 Annual Monitoring Report - February 2016

Former Universal Propulsion Company, Inc. Facility

Phoenix, Arizona

Design & Consultancy
for natural and
built assets

Well ID	Date	Time	Measuring Point Elevation (feet)	Depth to Water (feet)	Groundwater Elevation (feet amsl)
MW-10 (cont.)	1/18/2010	0836	1536.11	154.02	1382.09
	6/8/2010	1135	1536.11	154.47	1381.64
	6/22/2010	1115	1536.11	154.54	1381.57
	2/23/2011	0900	1536.11	154.90	1381.21
	3/22/2011	0845	1536.11	154.95	1381.16
	4/25/2011	1337	1536.11	154.93	1381.18
	5/27/2011	0810	1536.11	154.93	1381.18
	6/30/2011	0821	1536.11	155.00	1381.11
	7/25/2011	0740	1536.11	155.40	1380.71
	9/2/2011	1215	1536.11	155.12	1380.99
	9/27/2011	1238	1536.11	155.22	1380.89
	10/24/2011	0856	1536.11	155.31	1380.80
	11/28/2011	0837	1536.11	155.51	1380.60
	12/27/2011	0853	1536.11	155.57	1380.54
	1/19/2012	0948	1536.11	155.31	1380.80
	2/27/2012	1326	1536.11	155.51	1380.60
	3/27/2012	0735	1536.11	155.57	1380.54
	4/28/2012	1245	1536.11	155.53	1380.58
	5/8/2012	0729	1536.11	155.79	1380.32
	6/29/2012	0915	1536.11	155.90	1380.21
	7/30/2012	1538	1536.11	155.92	1380.19
	8/7/2012	1300	1536.11	155.90	1380.21
	9/6/2012	0825	1536.11	155.99	1380.12
	10/4/2012	0817	1536.11	156.08	1380.03
	2/19/2013	1334	1536.11	156.13	1379.98
	3/29/2013	0655	1536.11	156.48	1379.63
	4/29/2013	1628	1536.11	156.72	1379.39
	5/30/2013	1830	1536.11	156.39	1379.72
	6/16/2013	1230	1536.11	156.58	1379.53
	7/15/2013	1200	1536.11	156.60	1379.51
	8/6/2013	1728	1536.11	156.70	1379.41
	9/17/2013	1751	1536.11	156.53	1379.58
	10/7/2013	1239	1536.11	156.81	1379.30
	11/21/2013	1418	1536.11	156.74	1379.37
	12/6/2013	1318	1536.11	156.94	1379.17
	1/13/2014	1700	1536.11	156.96	1379.15
	2/28/2014	1547	1536.11	156.50	1379.61
	3/15/2014	1546	1536.11	156.65	1379.46
	3/31/2014	1233	1536.11	156.54	1379.57
	5/23/2014	1603	1536.11	156.33	1379.78
	6/14/2014	1310	1536.11	156.19	1379.92
	7/7/2014	0843	1536.11	156.24	1379.87
	9/4/2014	1055	1536.11	155.87	1380.24
	9/25/2014	1947	1536.11	155.93	1380.18
	10/28/2014	1249	1536.11	155.91	1380.20
	11/27/2014	1435	1536.11	155.60	1380.51
	12/15/2014	1340	1536.11	155.27	1380.84
	1/19/2015	1227	1536.11	154.49	1381.62
	2/25/2015	1449	1536.11	153.50	1382.61
	3/26/2015	1313	1536.11	153.09	1383.02
	4/13/2015	1143	1536.11	152.80	1383.31

Appendix C

Historical Water Level Data - UPCO Wells
2015 Annual Monitoring Report - February 2016
Former Universal Propulsion Company, Inc. Facility
Phoenix, Arizona



Design & Consultancy
for natural and
built assets

Well ID	Date	Time	Measuring Point Elevation (feet)	Depth to Water (feet)	Groundwater Elevation (feet amsl)
MW-10 (cont.)	5/23/2015	1222	1536.11	152.25	1383.86
	6/15/2015	1504	1536.11	151.82	1384.29
	7/13/2015	1050	1536.11	151.66	1384.45
	8/31/2015	1423	1536.11	151.35	1384.76
	9/30/2015	1356	1536.11	151.25	1384.86
	10/26/2015	1500	1536.11	151.05	1385.06
	11/25/2015	1255	1536.11	150.78	1385.33
	12/10/2015	1243	1536.11	150.90	1385.21
MW-11	12/22/2005	1517	1603.35	253.68	1349.67
	1/27/2006	0959	1603.35	253.76	1349.59
	2/20/2006	1030	1603.35	253.71	1349.64
	3/20/2006	1610	1603.35	253.71	1349.64
	5/22/2006	0906	1603.35	253.83	1349.52
	8/28/2006	1130	1603.35	253.78	1349.57
	11/13/2006	0943	1603.35	253.80	1349.55
	2/12/2007	1209	1603.35	253.86	1349.49
	4/9/2007	1036	1603.35	253.87	1349.48
	7/30/2007	0952	1603.35	253.51	1349.84
	10/15/2007	1358	1603.35	253.90	1349.45
	1/14/2008	1421	1603.35	254.07	1349.28
	4/29/2008	1354	1603.35	254.13	1349.22
	5/27/2008	1521	1603.35	254.12	1349.23
	6/27/2008	0820	1603.35	254.20	1349.15
	7/28/2008	1617	1603.35	254.26	1349.09
	8/29/2008	1228	1603.35	254.28	1349.07
	9/20/2008	0830	1603.35	254.25	1349.10
	10/14/2008	1341	1603.35	254.23	1349.12
	11/21/2008	1300	1603.35	254.23	1349.12
	12/15/2008	1302	1603.35	254.20	1349.15
	1/12/2009	1218	1603.35	254.22	1349.13
	2/16/2009	1520	1603.35	254.20	1349.15
	3/17/2009	1328	1603.35	254.25	1349.10
	4/13/2009	1243	1603.35	254.24	1349.11
	5/20/2009	1240	1603.35	254.32	1349.03
	6/15/2009	1203	1603.35	254.35	1349.00
	7/6/2009	1212	1603.35	254.35	1349.00
	8/12/2009	1255	1603.35	254.38	1348.97
	9/28/2009	1101	1603.35	254.52	1348.83
	10/27/2009	1049	1603.35	254.61	1348.74
	11/25/2009	1027	1603.35	254.73	1348.62
	12/18/2009	1059	1603.35	254.80	1348.55
	1/18/2010	1125	1603.35	254.92	1348.43
	6/8/2010	1244	1606.14	257.63	1348.51
	6/22/2010	1248	1606.14	257.62	1348.52
	2/23/2011	1230	1606.14	257.60	1348.54
	3/22/2011	1025	1606.14	257.60	1348.54
	4/25/2011	1601	1606.14	257.58	1348.56
	5/27/2011	0952	1606.14	257.61	1348.53
	6/30/2011	1059	1606.14	257.64	1348.50
	7/25/2011	1008	1606.14	257.88	1348.26
	9/2/2011	1259	1606.14	257.65	1348.49

Appendix C

Historical Water Level Data - UPCO Wells
2015 Annual Monitoring Report - February 2016
Former Universal Propulsion Company, Inc. Facility
Phoenix, Arizona



Well ID	Date	Time	Measuring Point Elevation (feet)	Depth to Water (feet)	Groundwater Elevation (feet amsl)
MW-11 (cont.)	9/27/2011	1437	1606.14	257.68	1348.46
	10/24/2011	1107	1606.14	257.72	1348.42
	11/28/2011	1051	1606.14	257.73	1348.41
	12/27/2011	1023	1606.14	257.78	1348.36
	1/19/2012	1156	1606.14	257.72	1348.42
	2/27/2012	1446	1606.14	257.73	1348.41
	3/27/2012	0927	1606.14	257.78	1348.36
	4/28/2012	1624	1606.14	257.77	1348.37
	5/8/2012	1125	1606.14	258.08	1348.06
	6/29/2012	1143	1606.14	257.84	1348.30
	7/30/2012	1801	1606.14	257.94	1348.20
	8/13/2012	1530	1606.14	257.86	1348.28
	9/6/2012	1017	1606.14	257.91	1348.23
	10/4/2012	0946	1606.14	257.98	1348.16
	2/19/2013	1452	1606.14	258.09	1348.05
	3/29/2013	0921	1606.14	258.17	1347.97
	4/29/2013	1606	1606.14	258.06	1348.08
	5/30/2013	1940	1606.14	258.14	1348.00
	6/16/2013	1254	1606.14	258.13	1348.01
	7/15/2013	1200	1606.14	258.36	1347.78
	8/6/2013	1706	1606.14	258.18	1347.96
	9/17/2013	1909	1606.14	258.22	1347.92
	10/7/2013	1300	1606.14	258.21	1347.93
	11/21/2013	1504	1606.14	258.27	1347.87
	12/6/2013	1406	1606.14	258.28	1347.86
	1/13/2014	1725	1606.14	258.32	1347.82
	2/28/2014	1722	1606.14	258.32	1347.82
	3/15/2014	1707	1606.14	258.31	1347.83
	3/31/2014	1614	1606.14	258.33	1347.81
	5/23/2014	1629	1606.14	258.56	1347.58
	6/14/2014	1429	1606.14	258.47	1347.67
	7/7/2014	1047	1606.14	258.21	1347.93
	9/4/2014	1237	1606.14	258.27	1347.87
	9/26/2014	2241	1606.14	258.37	1347.77
	10/28/2014	1452	1606.14	258.37	1347.77
	11/27/2014	1705	1606.14	258.34	1347.80
	12/15/2014	1615	1606.14	258.43	1347.71
	1/19/2015	1448	1606.14	258.45	1347.69
	2/25/2015	1725	1606.14	258.48	1347.66
	3/26/2015	1538	1606.14	258.60	1347.54
	4/13/2015	1448	1606.14	258.62	1347.52
	5/23/2015	1547	1606.14	258.64	1347.50
	6/15/2015	18.57	1606.14	258.66	1347.48
	7/13/2015	1422	1606.14	258.54	1347.60
	8/31/2015	1732	1606.14	258.71	1347.43
	9/30/2015	1723	1606.14	258.69	1347.45
	10/26/2015	1820	1606.14	258.58	1347.56
	11/25/2015	1620	1606.14	258.61	1347.53
	12/10/2015	1527	1606.14	258.60	1347.54

Appendix C

Historical Water Level Data - UPCO Wells
2015 Annual Monitoring Report - February 2016
Former Universal Propulsion Company, Inc. Facility
Phoenix, Arizona

Well ID	Date	Time	Measuring Point Elevation (feet)	Depth to Water (feet)	Groundwater Elevation (feet amsl)
MW-12	12/22/2005	1440	1557.46	209.16	1348.30
	01/27/2006	1057	1557.46	209.20	1348.26
	02/20/2006	1100	1557.46	209.11	1348.35
	03/20/2006	1515	1557.46	209.09	1348.37
	05/22/2006	0836	1557.46	209.17	1348.29
	8/28/2006	1235	1557.46	209.12	1348.34
	11/13/2006	0956	1557.46	209.14	1348.32
	2/12/2007	1225	1557.46	209.23	1348.23
	4/9/2007	1110	1557.46	209.16	1348.30
	7/30/2007	0905	1557.46	208.88	1348.58
	10/15/2007	1345	1557.46	209.23	1348.23
	1/14/2008	1143	1557.46	209.46	1348.00
	3/31/2008	1428	1557.46	209.31	1348.15
	4/29/2008	1440	1557.46	209.31	1348.15
	5/27/2008	1255	1557.46	209.42	1348.04
	6/27/2008	0800	1557.46	209.63	1347.83
	7/28/2008	1344	1557.46	209.58	1347.88
	8/29/2008	1636	1557.46	209.58	1347.88
	9/20/2008	1200	1557.46	209.50	1347.96
	10/14/2008	1433	1557.46	209.40	1348.06
	11/21/2008	1400	1557.46	209.41	1348.05
	12/15/2008	1138	1557.46	209.50	1347.96
	1/12/2009	0930	1557.46	209.46	1348.00
	2/16/2009	0909	1557.46	209.52	1347.94
	3/17/2009	1152	1557.46	209.48	1347.98
	4/13/2009	1128	1557.46	209.45	1348.01
	5/20/2009	0736	1557.46	209.79	1347.67
	6/15/2009	0737	1557.46	209.64	1347.82
	7/6/2009	0645	1557.46	209.66	1347.80
	8/13/2009	0615	1557.46	209.75	1347.71
	9/28/2009	0816	1560.91	213.59	1347.32
	10/27/2009	1532	1560.91	213.61	1347.30
	11/25/2009	1019	1560.91	213.94	1346.97
	12/18/2009	1106	1560.91	213.99	1346.92
	1/18/2010	1111	1560.91	214.11	1346.80
	6/8/2010	1215	1560.91	213.38	1347.53
	6/22/2010	1300	1560.91	213.38	1347.53
	2/23/2011	1240	1560.91	213.34	1347.57
	3/22/2011	1111	1560.91	213.39	1347.52
	4/25/2011	1613	1560.91	213.33	1347.58
	5/27/2011	1000	1560.91	212.37	1348.54
	6/30/2011	1120	1560.91	213.41	1347.50
	7/25/2011	1017	1560.91	213.67	1347.24
	9/2/2011	1250	1560.91	213.46	1347.45
	9/27/2011	1445	1560.91	213.43	1347.48
	10/24/2011	1113	1560.91	213.52	1347.39
	11/28/2011	1038	1560.91	213.52	1347.39
	12/27/2011	1012	1560.91	213.54	1347.37
	1/19/2012	1145	1560.91	213.52	1347.39
	2/27/2012	1435	1560.91	213.52	1347.39
	3/27/2012	0916	1560.91	213.54	1347.37
	4/28/2012	1605	1560.91	213.51	1347.40
	5/8/2012	1159	1560.91	213.90	1347.01
	6/29/2012	1051	1560.91	213.61	1347.30
	7/30/2012	1832	1560.91	213.67	1347.24

Appendix C

Historical Water Level Data - UPCO Wells

2015 Annual Monitoring Report - February 2016

Former Universal Propulsion Company, Inc. Facility

Phoenix, Arizona

Design & Consultancy
for natural and
built assets

Well ID	Date	Time	Measuring Point Elevation (feet)	Depth to Water (feet)	Groundwater Elevation (feet amsl)
MW-12 (cont.)	8/13/2012	1153	1560.91	213.68	1347.23
	9/6/2012	1006	1560.91	213.70	1347.21
	10/4/2012	1002	1560.91	213.80	1347.11
	2/19/2013	1503	1560.91	213.74	1347.17
	3/29/2013	1012	1560.91	214.01	1346.90
	4/29/2013	1555	1560.91	213.81	1347.10
	5/30/2013	2000	1560.91	213.93	1346.98
	6/16/2013	1333	1560.91	213.95	1346.96
	7/15/2013	1200	1560.91	214.27	1346.64
	8/6/2013	1538	1560.91	213.98	1346.93
	9/17/2013	1930	1560.91	214.00	1346.91
	10/7/2013	1249	1560.91	213.94	1346.97
	11/21/2013	1530	1560.91	213.97	1346.94
	12/6/2013	1443	1560.91	214.04	1346.87
	1/21/2014	1652	1560.91	214.05	1346.86
	2/28/2014	1655	1560.91	214.11	1346.80
	3/15/2014	1640	1560.91	214.08	1346.83
	3/31/2014	1555	1560.91	214.06	1346.85
	5/23/2014	1611	1560.91	214.25	1346.66
	6/14/2014	1350	1560.91	214.37	1346.54
	7/7/2014	1030	1560.91	213.89	1347.02
	9/4/2014	1212	1560.91	214.00	1346.91
	9/26/2014	2208	1560.91	214.13	1346.78
	10/28/2014	1355	1560.91	214.09	1346.82
	11/27/2014	1535	1560.91	214.07	1346.84
	12/15/2014	1448	1560.91	214.18	1346.73
	1/19/2015	1335	1560.91	214.20	1346.71
	2/25/2015	1600	1560.91	214.25	1346.66
	3/26/2015	1408	1560.91	214.34	1346.57
	4/13/2015	1248	1560.91	214.36	1346.55
	5/23/2015	1325	1560.91	214.42	1346.49
	6/15/2015	1625	1560.91	214.38	1346.53
	7/13/2015	1151	1560.91	214.31	1346.60
	8/31/2015	1642	1560.91	214.43	1346.48
	9/30/2015	1629	1560.91	214.46	1346.45
	10/26/2015	1730	1560.91	214.35	1346.56
	11/25/2015	1533	1560.91	214.37	1346.54
	12/10/2015	1455	1560.91	214.35	1346.56
MW-13	8/29/2008	1138	1595.77	246.82	1348.95
	9/20/2008	0758	1595.77	246.75	1349.02
	10/14/2008	1506	1595.77	246.75	1349.02
	11/21/2008	1340	1595.77	246.78	1348.99
	12/15/2008	1315	1595.77	246.83	1348.94
	1/12/2009	1304	1595.77	246.79	1348.98
	2/16/2009	1547	1595.77	246.81	1348.96
	3/17/2009	1411	1595.77	246.80	1348.97
	4/13/2009	1329	1595.77	246.80	1348.97
	5/20/2009	1323	1595.77	246.90	1348.87
	6/15/2009	1243	1595.77	246.95	1348.82
	7/6/2009	1500	1595.77	246.89	1348.88
	8/12/2009	1349	1595.77	246.98	1348.79
	9/28/2009	0900	1599.52	250.74	1348.78
	10/27/2009	1056	1599.52	250.71	1348.81
	11/25/2009	1047	1599.52	250.98	1348.54
	12/18/2009	1129	1599.52	251.00	1348.52

Appendix C**Historical Water Level Data - UPCO Wells****2015 Annual Monitoring Report - February 2016****Former Universal Propulsion Company, Inc. Facility**

Phoenix, Arizona

Design & Consultancy
for natural and
built assets

Well ID	Date	Time	Measuring Point Elevation (feet)	Depth to Water (feet)	Groundwater Elevation (feet amsl)
MW-13 (cont.)	1/18/2010	1226	1599.52	251.13	1348.39
	6/8/2010	1310	1599.52	250.83	1348.69
	6/22/2010	1345	1599.52	250.87	1348.65
	2/23/2011	1315	1599.52	250.82	1348.70
	3/22/2011	1145	1599.52	250.86	1348.66
	4/26/2011	0826	1599.52	250.82	1348.70
	5/27/2011	1121	1599.52	250.82	1348.70
	6/30/2011	1326	1599.52	250.92	1348.60
	7/25/2011	1125	1599.52	251.22	1348.30
	9/2/2011	1321	1599.52	250.90	1348.62
	9/27/2011	1528	1599.52	250.87	1348.65
	10/24/2011	1130	1599.52	250.98	1348.54
	11/28/2011	1114	1599.52	250.93	1348.59
	12/27/2011	1044	1599.52	251.03	1348.49
	1/19/2012	1214	1599.52	250.98	1348.54
	2/27/2012	1517	1599.52	250.93	1348.59
	3/27/2012	1000	1599.52	251.03	1348.49
	4/28/2012	1632	1599.52	250.99	1348.53
	5/8/2012	1056	1599.52	251.36	1348.16
	6/29/2012	1155	1599.52	251.45	1348.07
	7/30/2012	1929	1599.52	251.16	1348.36
	8/17/2012	1330	1599.52	251.18	1348.34
	9/6/2012	1050	1599.52	251.23	1348.29
	10/4/2012	1055	1599.52	251.28	1348.24
	2/19/2013	1626	1599.52	251.16	1348.36
	3/29/2013	0858	1599.52	251.52	1348.00
	4/29/2013	1651	1599.52	251.35	1348.17
	5/30/2013	1930	1599.52	251.35	1348.17
	6/16/2013	1305	1599.52	251.40	1348.12
	7/15/2013	1200	1599.52	251.45	1348.07
	8/6/2013	1800	1599.52	251.48	1348.04
	9/17/2013	1952	1599.52	251.44	1348.08
	10/7/2013	1343	1599.52	251.49	1348.03
	11/21/2013	1442	1599.52	251.49	1348.03
	12/6/2013	1350	1599.52	251.55	1347.97
	1/13/2014	1815	1599.52	251.61	1347.91
	2/28/2014	1836	1599.52	251.78	1347.74
	3/15/2014	1757	1599.52	251.59	1347.93
	3/31/2014	1638	1599.52	251.53	1347.99
	5/23/2014	1702	1599.52	251.83	1347.69
	6/14/2014	1452	1599.52	251.73	1347.79
	7/7/2014	1130	1599.52	251.58	1347.94
	9/4/2014	1328	1599.52	251.58	1347.94
	9/27/2014	0010	1599.52	251.67	1347.85
	10/28/2014	1545	1599.52	251.68	1347.84
	11/27/2014	1630	1599.52	251.60	1347.92
	12/15/2014	1537	1599.52	251.68	1347.84
	1/19/2015	1414	1599.52	251.70	1347.82
	2/25/2015	1650	1599.52	251.76	1347.76
	3/26/2015	1502	1599.52	251.89	1347.63
	4/13/2015	1348	1599.52	251.91	1347.61
	5/23/2015	1635	1599.52	251.94	1347.58
	6/15/2015	1938	1599.52	251.96	1347.56
	7/13/2015	1531	1599.52	257.88	1341.64
	8/31/2015	1845	1599.52	251.96	1347.56

2/22/2016

Appendix C - Historical Water Levels

C-26

Appendix C

Historical Water Level Data - UPCO Wells
2015 Annual Monitoring Report - February 2016
Former Universal Propulsion Company, Inc. Facility
Phoenix, Arizona



Design & Consultancy
for natural and
built assets

Well ID	Date	Time	Measuring Point Elevation (feet)	Depth to Water (feet)	Groundwater Elevation (feet amsl)
MW-13 (cont.)	9/30/2015	1843	1599.52	251.99	1347.53
	10/26/2015	1928	1599.52	251.83	1347.69
	11/25/2015	1727	1599.52	251.89	1347.63
	12/10/2015	1645	1599.52	251.85	1347.67
MW-14	8/29/2008	1340	1602.48	263.25	1339.23
	9/20/2008	0732	1602.48	263.38	1339.10
	10/14/2008	1152	1602.48	263.69	1338.79
	11/21/2008	1153	1602.48	264.15	1338.33
	12/15/2008	1045	1602.48	264.02	1338.46
	1/12/2009	1125	1602.48	263.57	1338.91
	2/16/2009	1220	1602.48	263.66	1338.82
	3/17/2009	1240	1602.48	264.03	1338.45
	4/13/2009	1033	1602.48	264.08	1338.40
	5/20/2009	1011	1602.48	264.55	1337.93
	6/15/2009	1032	1602.48	264.65	1337.83
	7/6/2009	0932	1602.48	264.89	1337.59
	8/12/2009	1059	1602.48	265.10	1337.38
	9/28/2009	1240	1602.48	265.59	1336.89
	10/27/2009	0951	1602.48	265.78	1336.70
	11/25/2009	0958	1602.48	266.72	1335.76
	12/18/2009	0952	1602.48	265.98	1336.50
	1/18/2010	0953	1602.48	266.03	1336.45
	6/8/2010	1025	1602.48	266.04	1336.44
	6/22/2010	1048	1602.48	266.49	1335.99
	2/23/2011	1125	1602.48	266.62	1335.86
	3/22/2011	0927	1602.48	266.57	1335.91
	4/25/2011	1433	1602.48	266.85	1335.63
	5/27/2011	0900	1602.48	267.75	1334.73
	6/30/2011	0927	1602.48	267.44	1335.04
	7/25/2011	0845	1602.48	267.81	1334.67
	9/2/2011	1038	1602.48	268.00	1334.48
	9/27/2011	1322	1602.48	268.12	1334.36
	10/24/2011	1042	1602.48	268.11	1334.37
	11/28/2011	0935	1602.48	268.04	1334.44
	12/27/2011	0922	1602.48	268.10	1334.38
	1/19/2012	1035	1602.48	268.11	1334.37
	2/27/2012	1404	1602.48	268.04	1334.44
	3/27/2012	0826	1602.48	268.10	1334.38
	4/28/2012	1424	1602.48	268.76	1333.72
	5/8/2012	1001	1602.48	268.93	1333.55
	6/29/2012	0950	1602.48	268.67	1333.81
	7/30/2012	1430	1602.48	269.30	1333.18
	8/9/2012	0800	1602.48	269.46	1333.02
	9/6/2012	0916	1602.48	269.93	1332.55
	10/4/2012	0900	1602.48	269.90	1332.58
	2/19/2013	1243	1602.48	270.13	1332.35
	3/29/2013	0744	1602.48	270.23	1332.25
	4/29/2013	1450	1602.48	270.36	1332.12
	5/30/2013	1740	1602.48	270.64	1331.84
	6/16/2013	1100	1602.48	270.92	1331.56
	7/15/2013	1200	1602.48	271.29	1331.19
	8/6/2013	1715	1602.48	271.43	1331.05
	9/17/2013	1640	1602.48	271.30	1331.18
	10/7/2013	1045	1602.48	271.51	1330.97
	11/21/2013	1231	1602.48	272.03	1330.45

Appendix C**Historical Water Level Data - UPCO Wells****2015 Annual Monitoring Report - February 2016****Former Universal Propulsion Company, Inc. Facility
Phoenix, Arizona**Design & Consultancy
for natural and
built assets

Well ID	Date	Time	Measuring Point Elevation (feet)	Depth to Water (feet)	Groundwater Elevation (feet amsl)
MW-14 (cont.)	12/6/2013	1136	1602.48	272.15	1330.33
	1/13/2014	1520	1602.48	271.88	1330.60
	2/28/2014	1534	1602.48	271.79	1330.69
	3/15/2014	1535	1602.48	271.68	1330.80
	3/31/2014	1218	1602.48	271.96	1330.52
	5/23/2014	1432	1602.48	272.35	1330.13
	6/14/2014	1300	1602.48	272.59	1329.89
	7/7/2014	0827	1602.48	272.90	1329.58
	9/3/2014	1430	1602.48	273.31	1329.17
	9/25/2014	1917	1602.48	273.30	1329.18
	10/28/2014	1237	1602.48	273.76	1328.72
	11/27/2014	1425	1602.48	273.30	1329.18
	12/15/2014	1324	1602.48	273.06	1329.42
	1/19/2015	1218	1602.48	272.96	1329.52
	2/25/2015	1430	1602.48	272.92	1329.56
	3/26/2015	1259	1602.48	273.30	1329.18
	4/13/2015	1036	1602.48	273.42	1329.06
	5/23/2015	1203	1602.48	273.77	1328.71
	6/15/2015	1435	1602.48	273.81	1328.67
	7/13/2015	1029	1602.48	274.14	1328.34
	8/31/2015	1355	1602.48	275.12	1327.36
	9/30/2015	1355	1602.48	275.45	1327.03
	10/26/2015	1435	1602.48	275.48	1327.00
	11/25/2015	1206	1602.48	275.31	1327.17
	12/10/2015	1154	1602.48	275.42	1327.06
MW-15	8/29/2008	1350	1600.48	261.95	1338.53
	9/20/2008	0729	1600.48	262.09	1338.39
	10/14/2008	1146	1600.48	262.18	1338.30
	11/21/2008	1200	1600.48	262.45	1338.03
	12/15/2008	1053	1600.48	262.58	1337.90
	1/12/2009	1137	1600.48	262.51	1337.97
	2/16/2009	1320	1600.48	262.53	1337.95
	3/17/2009	1251	1600.48	262.60	1337.88
	4/13/2009	1043	1600.48	262.72	1337.76
	5/20/2009	1021	1600.48	262.96	1337.52
	6/15/2009	1050	1600.48	263.03	1337.45
	7/6/2009	0949	1600.48	263.19	1337.29
	8/12/2009	1107	1600.48	263.36	1337.12
	9/28/2009	1259	1600.48	263.69	1336.79
	10/27/2009	0945	1600.48	263.80	1336.68
	11/25/2009	0952	1600.48	264.20	1336.28
	12/18/2009	0942	1600.48	264.28	1336.20
	1/18/2010	0942	1600.48	264.39	1336.09
	6/8/2010	1015	1600.48	264.50	1335.98
	6/22/2010	1030	1600.48	264.68	1335.80
	2/23/2011	1135	1600.48	265.33	1335.15
	3/22/2011	0932	1600.48	265.45	1335.03
	4/25/2011	1440	1600.48	265.35	1335.13
	5/27/2011	0901	1600.48	265.84	1334.64
	6/30/2011	0937	1600.48	265.90	1334.58
	7/25/2011	0855	1600.48	266.19	1334.29
	9/2/2011	1035	1600.48	266.25	1334.23
	9/27/2011	1329	1600.48	266.27	1334.21
	10/24/2011	0948	1600.48	266.51	1333.97
	11/28/2011	0947	1600.48	266.58	1333.90

Appendix C

Historical Water Level Data - UPCO Wells

2015 Annual Monitoring Report - February 2016

Former Universal Propulsion Company, Inc. Facility

Phoenix, Arizona



Design & Consultancy
for natural and
built assets

Well ID	Date	Time	Measuring Point Elevation (feet)	Depth to Water (feet)	Groundwater Elevation (feet amsl)
MW-15 (cont.)	12/27/2011	0929	1600.48	266.70	1333.78
	1/19/2012	1045	1600.48	266.51	1333.97
	2/27/2012	1409	1600.48	266.58	1333.90
	3/27/2012	0834	1600.48	266.70	1333.78
	4/28/2012	1428	1600.48	267.14	1333.34
	5/8/2012	1018	1600.48	267.59	1332.89
	6/29/2012	0955	1600.48	267.43	1333.05
	7/30/2012	1439	1600.48	267.52	1332.96
	8/9/2012	0913	1600.48	267.76	1332.72
	9/6/2012	0924	1600.48	268.04	1332.44
	10/4/2012	0905	1600.48	268.21	1332.27
	2/19/2013	1258	1600.48	268.60	1331.88
	3/29/2013	0752	1600.48	268.93	1331.55
	4/29/2013	1441	1600.48	268.78	1331.70
	5/30/2013	1750	1600.48	268.97	1331.51
	6/16/2013	1108	1600.48	269.17	1331.31
	7/15/2013	1200	1600.48	271.45	1329.03
	8/6/2013	1617	1600.48	269.51	1330.97
	9/17/2013	1651	1600.48	269.62	1330.86
	10/7/2013	1054	1600.48	269.80	1330.68
	11/21/2013	1242	1600.48	270.35	1330.13
	12/6/2013	1147	1600.48	270.29	1330.19
	1/13/2014	1530	1600.48	270.35	1330.13
	2/28/2014	1525	1600.48	270.38	1330.10
	3/15/2014	1525	1600.48	270.40	1330.08
	3/31/2014	1210	1600.48	270.49	1329.99
	5/23/2014	1440	1600.48	270.73	1329.75
	6/14/2014	1252	1600.48	270.85	1329.63
	7/7/2014	0833	1600.48	271.11	1329.37
	9/3/2014	1420	1600.48	271.39	1329.09
	9/25/2014	1925	1600.48	271.57	1328.91
	10/28/2014	1226	1600.48	271.89	1328.59
	11/27/2014	1418	1600.48	271.79	1328.69
	12/15/2014	1317	1600.48	271.90	1328.58
	1/19/2015	1212	1600.48	271.95	1328.53
	2/25/2015	1422	1600.48	271.88	1328.60
	3/26/2015	1249	1600.48	272.19	1328.29
	4/13/2015	1044	1600.48	272.33	1328.15
	5/23/2015	1210	1600.48	272.60	1327.88
	6/15/2015	1445	1600.48	272.45	1328.03
	7/13/2015	1038	1600.48	272.70	1327.78
	8/31/2015	1405	1600.48	273.14	1327.34
	9/30/2015	1344	1600.48	273.51	1326.97
	10/26/2015	1445	1600.48	273.53	1326.95
	11/25/2015	1216	1600.48	273.35	1327.13
	12/10/2015	1203	1600.48	273.82	1326.66
MW-16	4/25/2011	1452	1585.36	253.89	1331.47
	5/27/2011	0914	1585.36	254.05	1331.31
	6/30/2011	0959	1585.36	254.26	1331.10
	7/25/2011	0914	1585.36	254.35	1331.01
	9/2/2011	0954	1585.36	254.40	1330.96
	9/27/2011	1400	1585.36	254.38	1330.98
	10/24/2011	1036	1585.36	254.59	1330.77
	11/28/2011	1000	1585.36	255.64	1329.72
	12/27/2011	0939	1585.36	254.84	1330.52

Appendix C

Historical Water Level Data - UPCO Wells
2015 Annual Monitoring Report - February 2016
Former Universal Propulsion Company, Inc. Facility
Phoenix, Arizona

Well ID	Date	Time	Measuring Point Elevation (feet)	Depth to Water (feet)	Groundwater Elevation (feet amsl)
MW-16 (cont.)	1/19/2012	1056	1585.36	254.59	1330.77
	2/27/2012	1418	1585.36	255.64	1329.72
	3/27/2012	0845	1585.36	254.84	1330.52
	4/28/2012	1526	1585.36	255.23	1330.13
	5/8/2012	0915	1585.36	255.73	1329.63
	6/29/2012	1004	1585.36	255.56	1329.80
	7/30/2012	1502	1585.36	255.71	1329.65
	8/10/2012	1315	1585.36	255.79	1329.57
	9/6/2012	0935	1585.36	256.19	1329.17
	10/4/2012	0843	1585.36	256.29	1329.07
	2/19/2013	1307	1585.36	256.89	1328.47
	3/29/2013	0804	1585.36	257.25	1328.11
	4/29/2013	1410	1585.36	257.20	1328.16
	5/30/2013	1810	1585.36	257.34	1328.02
	6/16/2013	1130	1585.36	257.53	1327.83
	7/15/2013	1200	1585.36	257.74	1327.62
	8/6/2013	1628	1585.36	257.84	1327.52
	9/17/2013	1813	1585.36	257.88	1327.48
	10/7/2013	1120	1585.36	258.11	1327.25
	11/21/2013	1254	1585.36	258.42	1326.94
	12/6/2013	1208	1585.36	258.57	1326.79
	1/13/2014	1555	1585.36	258.74	1326.62
	2/28/2014	1505	1585.36	258.98	1326.38
	3/15/2014	1515	1585.36	259.04	1326.32
	3/31/2014	1158	1585.36	259.26	1326.10
	5/23/2014	1510	1585.36	259.38	1325.98
	6/14/2014	1241	1585.36	259.56	1325.80
	7/7/2014	0811	1585.36	259.74	1325.62
	9/3/2014	1406	1585.36	259.95	1325.41
	9/25/2014	1859	1585.36	260.12	1325.24
	10/28/2014	1213	1585.36	260.49	1324.87
	11/27/2014	1404	1585.36	260.47	1324.89
	12/15/2014	1303	1585.36	260.67	1324.69
	1/19/2015	1204	1585.36	261.04	1324.32
	2/25/2015	1401	1585.36	261.19	1324.17
	3/26/2015	1235	1585.36	261.54	1323.82
	4/13/2015	1022	1585.36	261.70	1323.66
	5/23/2015	1151	1585.36	261.81	1323.55
	6/15/2015	1421	1585.36	261.82	1323.54
	7/13/2015	1018	1585.36	261.85	1323.51
	8/31/2015	1341	1585.36	262.24	1323.12
	9/30/2015	1322	1585.36	262.52	1322.84
	10/26/2015	1410	1585.36	262.51	1322.85
	11/25/2015	1240	1585.36	262.70	1322.66
	12/10/2015	1215	1585.36	262.88	1322.48
MW-17	4/25/2011	1346	1560.72	206.72	1354.00
	5/27/2011	0814	1560.72	206.78	1353.94
	6/30/2011	0835	1560.72	206.92	1353.80
	7/25/2011	0800	1560.72	207.18	1353.54
	9/2/2011	1045	1560.72	206.93	1353.79
	9/27/2011	1248	1560.72	207.06	1353.66
	10/24/2011	0905	1560.72	207.15	1353.57
	11/28/2011	0851	1560.72	207.24	1353.48
	12/27/2011	0901	1560.72	207.33	1353.39
	1/19/2012	1000	1560.72	207.15	1353.57

Appendix C

Historical Water Level Data - UPCO Wells
2015 Annual Monitoring Report - February 2016
Former Universal Propulsion Company, Inc. Facility
Phoenix, Arizona

Well ID	Date	Time	Measuring Point Elevation (feet)	Depth to Water (feet)	Groundwater Elevation (feet amsl)
MW-17 (cont.)	2/27/2012	1338	1560.72	207.24	1353.48
	3/27/2012	0746	1560.72	207.33	1353.39
	4/28/2012	1511	1560.72	207.40	1353.32
	5/8/2012	0802	1560.72	207.89	1352.83
	6/29/2012	0926	1560.72	207.83	1352.89
	7/30/2012	1450	1560.72	207.87	1352.85
	8/9/2012	1120	1560.72	207.98	1352.74
	9/6/2012	0836	1560.72	208.11	1352.61
	10/4/2012	0831	1560.72	208.30	1352.42
	2/19/2013	1325	1560.72	208.39	1352.33
	3/29/2013	0724	1560.72	208.88	1351.84
	4/29/2013	1357	1560.72	208.67	1352.05
	5/30/2013	1800	1560.72	208.96	1351.76
	6/16/2013	1118	1560.72	209.04	1351.68
	7/15/2013	1200	1560.72	209.07	1351.65
	8/6/2013	1451	1560.72	209.23	1351.49
	9/17/2013	1623	1560.72	209.09	1351.63
	10/7/2013	1034	1560.72	209.33	1351.39
	11/21/2013	1218	1560.72	209.44	1351.28
	12/6/2013	1123	1560.72	209.71	1351.01
	1/13/2014	1546	1560.72	209.80	1350.92
	2/28/2014	1438	1560.72	209.68	1351.04
	3/15/2014	1450	1560.72	209.88	1350.84
	3/31/2014	1130	1560.72	209.92	1350.80
	5/23/2014	1453	1560.72	209.97	1350.75
	6/14/2014	1222	1560.72	210.04	1350.68
	7/7/2014	0756	1560.72	210.14	1350.58
	9/3/2014	1343	1560.72	210.11	1350.61
	9/25/2014	1826	1560.72	210.23	1350.49
	10/28/2014	1153	1560.72	210.52	1350.20
	11/27/2014	1345	1560.72	210.32	1350.40
	12/15/2014	1243	1560.72	210.50	1350.22
	1/19/2015	1147	1560.72	210.63	1350.09
	2/25/2015	1338	1560.72	210.60	1350.12
	3/26/2015	1212	1560.72	210.92	1349.80
	4/13/2015	1002	1560.72	210.99	1349.73
	5/23/2015	1130	1560.72	210.98	1349.74
	6/15/2015	1358	1560.72	210.84	1349.88
	7/13/2015	0957	1560.72	210.86	1349.86
	8/31/2015	1318	1560.72	210.90	1349.82
	9/30/2015	1256	1560.72	211.13	1349.59
	10/26/2015	1422	1560.72	210.97	1349.75
	11/25/2015	1150	1560.72	210.92	1349.80
	12/10/2015	1233	1560.72	211.04	1349.68
MW-18	9/28/2009	0805	1533.53	181.20	1352.33
	10/27/2009	0754	1533.53	132.18	1401.35
	11/25/2009	0701	1533.53	131.17	1402.36
	12/18/2009	0819	1533.53	130.11	1403.42
	1/18/2010	0758	1533.53	129.84	1403.69
	6/8/2010	1358	1533.53	129.81	1403.72
	6/22/2010	1133	1533.53	129.85	1403.68
	2/23/2011	0835	1533.53	130.17	1403.36
	3/22/2011	0810	1533.53	130.20	1403.33
	4/25/2011	1305	1533.53	130.99	1402.54
	5/27/2011	0737	1533.53	130.70	1402.83

Appendix C**Historical Water Level Data - UPCO Wells**
2015 Annual Monitoring Report - February 2016
Former Universal Propulsion Company, Inc. Facility
Phoenix, ArizonaDesign & Consultancy
for natural and
built assets

Well ID	Date	Time	Measuring Point Elevation (feet)	Depth to Water (feet)	Groundwater Elevation (feet amsl)
MW-18 (cont.)	6/30/2011	0720	1533.53	130.61	1402.92
	7/25/2011	0645	1533.53	130.84	1402.69
	9/2/2011	1135	1533.53	130.99	1402.54
	9/27/2011	1210	1533.53	130.91	1402.62
	10/24/2011	0819	1533.53	130.88	1402.65
	11/28/2011	0800	1533.53	131.00	1402.53
	12/27/2011	0826	1533.53	130.98	1402.55
	1/19/2012	0915	1533.53	130.88	1402.65
	2/27/2012	1258	1533.53	131.00	1402.53
	3/27/2012	0705	1533.53	130.98	1402.55
	4/28/2012	1320	1533.53	130.82	1402.71
	5/8/2012	0639	1533.53	131.04	1402.49
	6/29/2012	0850	1533.53	130.85	1402.68
	7/30/2012	1650	1533.53	130.87	1402.66
	8/7/2012	0935	1533.53	130.88	1402.65
	9/6/2012	0755	1533.53	131.43	1402.10
	10/4/2012	0751	1533.53	131.14	1402.39
	2/19/2013	1425	1533.53	131.01	1402.52

Appendix C

Historical Water Level Data - UPCO Wells
2015 Annual Monitoring Report - February 2016
Former Universal Propulsion Company, Inc. Facility
Phoenix, Arizona



Design & Consultancy
for natural and
built assets

Well ID	Date	Time	Measuring Point Elevation (feet)	Depth to Water (feet)	Groundwater Elevation (feet amsl)
MW-18 (cont.)	3/29/2013	0609	1533.53	131.73	1401.80
	4/29/2013	1512	1533.53	131.12	1402.41
	5/30/2013	1850	1533.53	131.03	1402.50
	6/16/2013	1200	1533.53	131.15	1402.38
	7/15/2013	1200	1533.53	131.10	1402.43
	8/6/2013	1440	1533.53	131.97	1401.56
	9/17/2013	1728	1533.53	131.19	1402.34
	10/7/2013	1212	1533.53	131.46	1402.07
	11/21/2013	1337	1533.53	131.51	1402.02
	12/6/2013	1233	1533.53	131.43	1402.10
	1/13/2014	1630	1533.53	131.54	1401.99
	2/28/2014	1613	1533.53	131.58	1401.95
	3/15/2014	1605	1533.53	131.61	1401.92
	3/31/2014	1302	1533.53	131.53	1402.00
	5/23/2014	1534	1533.53	131.44	1402.09
	6/14/2014	1326	1533.53	131.35	1402.18
	7/7/2014	0956	1533.53	131.46	1402.07
	9/4/2014	1138	1533.53	131.60	1401.93
	9/25/2014	2033	1533.53	131.60	1401.93
	10/28/2014	1314	1533.53	132.58	1400.95
	11/27/2014	1500	1533.53	131.93	1401.60
	12/15/2014	1410	1533.53	131.80	1401.73
	1/19/2015	1257	1533.53	131.88	1401.65
	2/25/2015	1522	1533.53	132.31	1401.22
	3/26/2015	1333	1533.53	131.95	1401.58
	4/13/2015	1220	1533.53	131.88	1401.65
	5/23/2015	1250	1533.53	131.82	1401.71
	6/15/2015	1532	1533.53	131.66	1401.87
	7/13/2015	1115	1533.53	131.80	1401.73
	8/31/2015	1455	1533.53	131.97	1401.56
	9/30/2015	1430	1533.53	131.81	1401.72
	10/26/2015	1535	1533.53	131.75	1401.78
	11/25/2015	1330	1533.53	131.68	1401.85
	12/10/2015	1318	1533.53	131.80	1401.73
MW-19	4/26/2011	0832	1599.51	250.80	1348.71
	5/27/2011	1127	1599.51	251.40	1348.11
	6/30/2011	1338	1599.51	250.87	1348.64
	7/25/2011	1132	1599.51	251.05	1348.46
	9/2/2011	1334	1599.51	250.88	1348.63
	9/27/2011	1534	1599.51	250.90	1348.61
	10/24/2011	1210	1599.51	250.94	1348.57
	11/28/2011	1214	1599.51	250.94	1348.57
	12/27/2011	1134	1599.51	251.00	1348.51
	1/19/2012	1300	1599.51	250.94	1348.57
	2/27/2012	1620	1599.51	250.94	1348.57
	3/27/2012	1056	1599.51	251.00	1348.51
	4/28/2012	1659	1599.51	250.99	1348.52
	5/8/2012	1107	1599.51	251.28	1348.23
	6/29/2012	1240	1599.51	251.06	1348.45
	7/30/2012	1953	1599.51	251.16	1348.35
	8/17/2012	2050	1599.51	251.18	1348.33
	9/6/2012	1146	1599.51	251.15	1348.36
	10/4/2012	1101	1599.51	251.27	1348.24
	2/19/2013	1645	1599.51	251.18	1348.33
	3/29/2013	0910	1599.51	251.46	1348.05

Appendix C

Historical Water Level Data - UPCO Wells
2015 Annual Monitoring Report - February 2016
Former Universal Propulsion Company, Inc. Facility
Phoenix, Arizona



Design & Consultancy
for natural and
built assets

Well ID	Date	Time	Measuring Point Elevation (feet)	Depth to Water (feet)	Groundwater Elevation (feet amsl)
MW-19 (cont.)	4/29/2013	1740	1599.51	251.27	1348.24
	5/30/2013	2100	1599.51	251.42	1348.09
	6/16/2013	1428	1599.51	251.38	1348.13
	7/15/2013	1200	1599.51	251.86	1347.65
	8/6/2013	1915	1599.51	251.44	1348.07
	9/17/2013	2042	1599.51	251.48	1348.03
	10/7/2013	1431	1599.51	251.48	1348.03
	11/21/2013	1655	1599.51	251.46	1348.05
	12/6/2013	1610	1599.51	251.54	1347.97
	1/13/2014	1905	1599.51	251.58	1347.93
	2/28/2014	1933	1599.51	251.62	1347.89
	3/15/2014	1845	1599.51	251.61	1347.90
	3/31/2014	1752	1599.51	251.56	1347.95
	5/23/2014	1842	1599.51	251.93	1347.58
	6/14/2014	1554	1599.51	251.73	1347.78
	7/7/2014	1228	1599.51	251.36	1348.15
	9/4/2014	1511	1599.51	251.53	1347.98
	9/27/2014	0125	1599.51	251.64	1347.87
	10/28/2014	1703	1599.51	251.67	1347.84
	11/27/2014	1916	1599.51	251.61	1347.90
	12/15/2014	1847	1599.51	251.69	1347.82
	1/19/2015	1635	1599.51	251.71	1347.80
	2/25/2015	1850	1599.51	251.73	1347.78
	3/26/2015	1722	1599.51	251.88	1347.63
	4/13/2015	1547	1599.51	251.89	1347.62
	5/23/2015	1712	1599.51	251.92	1347.59
	6/15/2015	2010	1599.51	251.99	1347.52
	7/13/2015	1602	1599.51	251.95	1347.56
	8/31/2015	1915	1599.51	252.00	1347.51
	9/30/2015	1920	1599.51	252.01	1347.50
	10/26/2015	1955	1599.51	251.86	1347.65
	11/25/2015	1757	1599.51	251.91	1347.60
	12/10/2015	1715	1599.51	251.88	1347.63
MW-20	2/27/2012	1547	1580.87	232.39	1348.48
	3/27/2012	1032	1580.87	232.52	1348.35
	4/28/2012	1653	1580.87	232.42	1348.45
	5/8/2012	1131	1580.87	232.73	1348.14
	6/29/2012	1226	1580.87	232.50	1348.37
	7/30/2012	1942	1580.87	232.56	1348.31
	8/19/2012	1940	1580.87	232.62	1348.25
	9/6/2012	1122	1580.87	232.54	1348.33
	10/4/2012	1047	1580.87	232.68	1348.19
	2/19/2013	1633	1580.87	232.63	1348.24
	3/29/2013	0935	1580.87	232.87	1348.00
	4/29/2013	1731	1580.87	232.78	1348.09
	5/30/2013	2050	1580.87	232.78	1348.09
	6/16/2013	1418	1580.87	232.77	1348.10

Appendix C
Historical Water Level Data - UPCO Wells
2015 Annual Monitoring Report - February 2016
Former Universal Propulsion Company, Inc. Facility
Phoenix, Arizona

 Design & Consultancy
 for natural and
 built assets

Well ID	Date	Time	Measuring Point Elevation (feet)	Depth to Water (feet)	Groundwater Elevation (feet amsl)
MW-20 (cont.)	7/15/2013	1200	1580.87	232.88	1347.99
	8/6/2013	1853	1580.87	232.79	1348.08
	9/17/2013	2031	1580.87	232.88	1347.99
	10/7/2013	1422	1580.87	232.83	1348.04
	11/21/2013	1643	1580.87	232.93	1347.94
	12/6/2013	1553	1580.87	232.91	1347.96
	1/13/2014	1855	1580.87	232.96	1347.91
	2/28/2014	1921	1580.87	232.98	1347.89
	3/15/2014	1836	1580.87	233.00	1347.87
	3/31/2014	1712	1580.87	233.05	1347.82
	5/23/2014	1820	1580.87	233.20	1347.67
	6/14/2014	1544	1580.87	233.17	1347.70
	7/7/2014	1220	1580.87	232.73	1348.14
	9/4/2014	1445	1580.87	232.89	1347.98
	9/27/2014	0115	1580.87	233.01	1347.86
	10/28/2014	1645	1580.87	233.03	1347.84
	11/27/2014	1853	1580.87	233.00	1347.87
	12/15/2014	1825	1580.87	233.08	1347.79
	1/19/2015	1612	1580.87	233.07	1347.80
	2/25/2015	1834	1580.87	233.08	1347.79
	3/26/2015	1702	1580.87	233.20	1347.67
	4/13/2015	1527	1580.87	233.25	1347.62
	5/23/2015	1646	1580.87	233.28	1347.59
	6/15/2015	1945	1580.87	233.33	1347.54
	7/13/2015	1543	1580.87	233.18	1347.69
	8/31/2015	1856	1580.87	233.41	1347.46
	9/30/2015	1854	1580.87	233.36	1347.51
	10/26/2015	1937	1580.87	233.24	1347.63
	11/25/2015	1736	1580.87	233.29	1347.58
	12/10/2015	1654	1580.87	233.25	1347.62
MW-21	2/27/2012	1508	1565.28	216.84	1348.44
	3/27/2012	0949	1565.28	216.97	1348.31
	4/28/2012	1616	1565.28	216.84	1348.44
	5/8/2012	1152	1565.28	217.21	1348.07
	6/29/2012	1131	1565.28	216.94	1348.34
	7/30/2012	1848	1565.28	216.98	1348.30
	8/16/2012	1807	1565.28	216.99	1348.29
	9/6/2012	1039	1565.28	217.06	1348.22
	10/4/2012	1017	1565.28	217.12	1348.16
	2/19/2013	1521	1565.28	217.05	1348.23
	3/29/2013	0957	1565.28	217.27	1348.01
	4/29/2013	1640	1565.28	217.19	1348.09
	6/16/2013	1341	1565.28	217.22	1348.06
	7/15/2013	1200	1565.28	217.59	1347.69
	8/6/2013	1739	1565.28	217.25	1348.03
	9/17/2013	1939	1565.28	217.28	1348.00
	10/7/2013	1333	1565.28	217.26	1348.02
	11/21/2013	1555	1565.28	217.32	1347.96
	12/6/2013	1455	1565.28	217.33	1347.95
	1/13/2014	1805	1565.28	217.28	1348.00
	2/28/2014	1735	1565.28	217.38	1347.90

Appendix C

Historical Water Level Data - UPCO Wells
2015 Annual Monitoring Report - February 2016
Former Universal Propulsion Company, Inc. Facility
Phoenix, Arizona



Design & Consultancy
for natural and
built assets

Well ID	Date	Time	Measuring Point Elevation (feet)	Depth to Water (feet)	Groundwater Elevation (feet amsl)
MW-21 (cont.)	3/15/2014	1720	1565.28	217.38	1347.90
	3/31/2014	1622	1565.28	217.35	1347.93
	5/23/2014	1637	1565.28	217.54	1347.74
	6/14/2014	1410	1565.28	217.61	1347.67
	7/7/2014	1058	1565.28	217.18	1348.10
	9/4/2014	1245	1565.28	217.30	1347.98
	9/26/2014	2255	1565.28	217.43	1347.85
	10/28/2014	1509	1565.28	217.38	1347.90
	11/27/2014	1728	1565.28	217.35	1347.93
	12/15/2014	1643	1565.28	217.45	1347.83
	1/19/2015	1508	1565.28	217.44	1347.84
	2/25/2015	1743	1565.28	217.45	1347.83
	3/26/2015	1557	1565.28	217.63	1347.65
	4/13/2015	1405	1565.28	217.65	1347.63
	5/23/2015	1450	1565.28	217.69	1347.59
	6/15/2015	1804	1565.28	217.69	1347.59
	7/13/2015	1435	1565.28	217.63	1347.65
	8/31/2015	1745	1565.28	217.72	1347.56
	9/30/2015	1735	1565.28	217.72	1347.56
	10/26/2015	1832	1565.28	217.62	1347.66
	11/25/2015	1630	1565.28	217.65	1347.63
	12/10/2015	1538	1565.28	217.64	1347.64
MW-22	3/31/2014	1724	1598.46	250.39	1348.07
	5/23/2014	1750	1598.46	250.00	1348.46
	6/14/2014	1506	1598.46	249.89	1348.57
	7/7/2014	1147	1598.46	248.11	1350.35
	9/4/2014	1347	1598.46	249.27	1349.19
	9/26/2014	2331	1598.46	249.53	1348.93
	10/28/2014	1438	1598.46	249.70	1348.76
	11/27/2014	1640	1598.46	249.65	1348.81
	12/15/2014	1548	1598.46	249.73	1348.73
	1/9/2015	1422	1598.46	249.81	1348.65
	2/25/2015	1700	1598.46	249.77	1348.69
	3/26/2015	1512	1598.46	250.06	1348.40
	4/13/2015	1330	1598.46	250.11	1348.35
	5/23/2015	1415	1598.46	250.15	1348.31
	6/15/2015	1720	1598.46	250.03	1348.43
	7/13/2015	1336	1598.46	250.10	1348.36
	8/31/2015	1618	1598.46	250.10	1348.36
	9/30/2015	1557	1598.46	250.18	1348.28
	10/26/2015	1705	1598.46	250.08	1348.38
	11/25/2015	1507	1598.46	249.98	1348.48
	12/10/2015	1430	1598.46	250.07	1348.39
PW-1	9/6/2011	0620	1554.46	209.22	1345.24
	9/27/2011	1418	1554.46	208.93	1345.53
	10/24/2011	1120	1554.46	208.94	1345.52
	11/28/2011	1101	1554.46	209.11	1345.35
	12/27/2011	1032	1554.46	209.03	1345.43
	1/19/2012	1205	1554.46	208.98	1345.48
	2/27/2012	1458	1554.46	209.21	1345.25
	3/27/2012	0937	1554.46	209.44	1345.02

Appendix C

Historical Water Level Data - UPCO Wells
2015 Annual Monitoring Report - February 2016
Former Universal Propulsion Company, Inc. Facility
Phoenix, Arizona



Design & Consultancy
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built assets

Well ID	Date	Time	Measuring Point Elevation (feet)	Depth to Water (feet)	Groundwater Elevation (feet amsl)
PW-1 (cont.)	4/28/2012	1547	1554.46	209.31	1345.15
	5/8/2012	1217	1554.46	209.77	1344.69
	6/29/2012	1031	1554.46	209.63	1344.83
	7/30/2012	1720	1554.46	209.66	1344.80
	8/16/2012	1345	1554.46	209.83	1344.63
	9/6/2012	1205	1554.46	209.94	1344.52
	10/4/2012	0926	1554.46	210.03	1344.43
	2/19/2013	1540	1554.46	209.76	1344.70
	3/29/2013	0836	1554.46	210.25	1344.21
	4/29/2013	1729	1554.46	210.40	1344.06
	5/30/2013	2040	1554.46	210.42	1344.04
	6/16/2013	1400	1554.46	210.48	1343.98
	7/15/2013	1200	1554.46	210.75	1343.71
	8/6/2013	1749	1554.46	210.78	1343.68
	9/17/2013	1835	1554.46	210.59	1343.87
	10/7/2013	1312	1554.46	210.73	1343.73
	11/21/2013	1611	1554.46	211.01	1343.45
	12/6/2013	1511	1554.46	211.15	1343.31
	1/13/2014	1745	1554.46	211.03	1343.43
	2/28/2014	1750	1554.46	211.04	1343.42
	3/15/2014	1732	1554.46	211.19	1343.27
	3/31/2014	1000	1554.46	211.30	1343.16
	5/23/2014	1645	1554.46	211.35	1343.11
	6/14/2014	1436	1554.46	211.55	1342.91
	7/7/2014	1114	1554.46	211.28	1343.18
	9/4/2014	1310	1554.46	211.52	1342.94
	9/15/2014	0934	1554.46	211.74	1342.72
	10/28/2014	1522	1554.46	211.88	1342.58
	11/27/2014	1745	1554.46	211.81	1342.65
	12/15/2014	1700	1554.46	211.95	1342.51
	1/19/2015	1520	1554.46	212.04	1342.42
	2/25/2015	1230	1554.46	212.04	1342.42
	3/26/2015	1607	1554.46	212.24	1342.22
	4/13/2015	1417	1554.46	212.22	1342.24
	5/23/2015	1508	1554.46	212.15	1342.31
	6/15/2015	1820	1554.46	212.17	1342.29
	7/13/2015	1446	1554.46	212.50	1341.96
	8/31/2015	1802	1554.46	212.38	1342.08
	9/30/2015	1752	1554.46	212.55	1341.91
	10/26/2015	1845	1554.46	212.50	1341.96
	11/25/2015	1645	1554.46	212.48	1341.98
	12/10/2015	1550	1554.46	212.51	1341.95
EW-1	3/31/2014	1736	1594.88	246.85	1348.03
	5/23/2014	1811	1594.88	246.94	1347.94
	6/14/2014	1521	1594.88	246.84	1348.04
	7/7/2014	1242	1594.88	246.68	1348.20
	9/4/2014	1458	1594.88	246.74	1348.14
	9/27/2014	0105	1594.88	246.85	1348.03
	10/28/2014	1654	1594.88	246.88	1348.00
	11/27/2014	1905	1594.88	246.87	1348.01
	12/15/2014	1838	1594.88	246.91	1347.97

Appendix C

Historical Water Level Data - UPCO Wells
2015 Annual Monitoring Report - February 2016
Former Universal Propulsion Company, Inc. Facility
Phoenix, Arizona

Well ID	Date	Time	Measuring Point Elevation (feet)	Depth to Water (feet)	Groundwater Elevation (feet amsl)
EW-1 (cont.)	1/19/2015	1619	1594.88	246.97	1347.91
	2/25/2015	1843	1594.88	246.99	1347.89
	3/26/2015	1712	1594.88	247.12	1347.76
	4/13/2015	1538	1594.88	247.11	1347.77
	5/23/2015	1700	1594.88	247.13	1347.75
	6/15/2015	1958	1594.88	247.20	1347.68
	7/13/2015	1553	1594.88	247.19	1347.69
	8/31/1915	1905	1594.88	247.20	1347.68
	9/30/2015	1907	1594.88	247.22	1347.66
	10/26/2015	1945	1594.88	247.10	1347.78
	11/25/2015	1745	1594.88	247.12	1347.76
	12/10/2015	1705	1594.88	247.13	1347.75
EW-2	3/31/2014	1653	1560.92	212.89	1348.03
	5/23/2014	1727	1560.92	213.06	1347.86
	6/14/2014	1402	1560.92	213.17	1347.75
	7/7/2014	1104	1560.92	212.70	1348.22
	9/4/2014	1254	1560.92	212.83	1348.09
	9/27/2014	0033	1560.92	212.92	1348.00
	10/28/2014	1459	1560.92	212.92	1348.00
	11/27/2014	1717	1560.92	212.88	1348.04
	12/15/2014	1631	1560.92	212.98	1347.94
	1/19/2015	1500	1560.92	213.00	1347.92
	2/25/2015	1735	1560.92	246.25	1314.67
	3/26/2015	1548	1560.92	213.15	1347.77
	4/13/2015	1356	1560.92	213.08	1347.84
	5/23/2015	1440	1560.92	213.23	1347.69
	6/15/2015	1750	1560.92	213.20	1347.72
	7/13/2015	1359	1560.92	213.22	1347.70
IW-1	8/31/2015	1652	1560.92	213.24	1347.68
	9/30/2015	1640	1560.92	213.28	1347.64
	10/26/2015	1740	1560.92	213.16	1347.76
	11/25/2015	1541	1560.92	213.17	1347.75
	12/10/2015	1503	1560.92	213.18	1347.74
	3/31/2014	1743	1595.52	247.66	1347.86
	5/23/2014	1831	1595.52	248.03	1347.49
	6/14/2014	1605	1595.52	247.81	1347.71
	7/7/2014	1308	1595.52	247.58	1347.94
	9/4/2014	1522	1595.52	247.61	1347.91
	9/27/2014	0134	1595.52	247.73	1347.79
	10/28/2014	1715	1595.52	247.77	1347.75
	11/27/2014	1928	1595.52	247.70	1347.82
	12/15/2014	1903	1595.52	247.68	1347.84
	1/19/2015	1632	1595.52	247.81	1347.71
	2/25/2015	1903	1595.52	247.82	1347.70
	3/26/2015	1735	1595.52	247.95	1347.57
	4/13/2015	1556	1595.52	248.02	1347.50
	5/23/2015	1725	1595.52	248.02	1347.50
	6/15/2015	2025	1595.52	248.10	1347.42
	7/13/2015	1615	1595.52	248.08	1347.44
	8/31/2015	1930	1595.52	248.09	1347.43
	9/30/2015	1935	1595.52	248.11	1347.41

Appendix C

Historical Water Level Data - UPCO Wells
2015 Annual Monitoring Report - February 2016
Former Universal Propulsion Company, Inc. Facility
Phoenix, Arizona

Well ID	Date	Time	Measuring Point Elevation (feet)	Depth to Water (feet)	Groundwater Elevation (feet amsl)
IW-1 (cont.)	10/26/2015	2010	1595.52	247.98	1347.54
	11/25/2015	1815	1595.52	248.01	1347.51
	12/10/2015	1728	1595.52	247.98	1347.54
IW-2	3/31/2014	1729	1593.68	245.16	1348.52
	5/23/2014	1758	1593.68	245.29	1348.39
	6/14/2014	1513	1593.68	245.35	1348.33
	7/7/2014	1154	1593.68	241.90	1351.78
	9/4/2014	1358	1593.68	244.35	1349.33
	9/26/2014	2340	1593.68	244.65	1349.03
	10/28/2014	1445	1593.68	244.86	1348.82
	11/27/2014	1649	1593.68	244.83	1348.85
	12/15/2014	1559	1593.68	244.86	1348.82
	1/19/2015	1429	1593.68	244.01	1349.67
	2/25/2015	1712	1593.68	244.95	1348.73
	3/26/2015	1527	1593.68	245.29	1348.39
	4/13/2015	1338	1593.68	245.36	1348.32
	5/23/2015	1428	1593.68	245.37	1348.31
	6/15/2015	1730	1593.68	245.30	1348.38
	7/13/2015	1348	1593.68	245.31	1348.37
	8/31/2015	1630	1593.68	245.33	1348.35
IW-3	9/30/2015	1615	1593.68	245.43	1348.25
	10/26/2015	1718	1593.68	245.31	1348.37
	11/25/2015	1520	1593.68	245.20	1348.48
	12/10/2015	1443	1593.68	245.29	1348.39
	3/31/2014	1706	1568.96	221.06	1347.90
	5/23/2014	1741	1568.96	221.05	1347.91
	6/14/2014	1536	1568.96	221.33	1347.63
	7/7/2014	1255	1568.96	220.78	1348.18
	9/4/2014	1436	1568.96	220.95	1348.01
	9/27/2014	0048	1568.96	221.10	1347.86
	10/28/2014	1633	1568.96	221.09	1347.87
	11/27/2014	1840	1568.96	221.09	1347.87
	12/15/2014	1812	1568.96	221.17	1347.79
	1/19/2015	1606	1568.96	221.19	1347.77
	2/25/2015	1820	1568.96	221.21	1347.75
	3/26/2015	1653	1568.96	221.33	1347.63
	4/13/2015	1518	1568.96	221.34	1347.62
	5/23/2015	1622	1568.96	221.37	1347.59
	6/15/2015	1930	1568.96	221.42	1347.54
	8/31/2015	1705	1568.96	221.50	1347.46
RW-1	9/30/2015	1656	1568.96	221.44	1347.52
	10/26/2015	1755	1568.96	221.31	1347.65
	11/25/2015	1555	1568.96	221.33	1347.63
	12/10/2015	1615	1568.96	221.32	1347.64
	9/4/2014	0846	1605.41	258.09	1347.32
	9/26/2014	2323	1605.41	258.04	1347.37
RW-1	10/28/2014	1428	1605.41	258.13	1347.28
	11/27/2014	1620	1605.41	257.94	1347.47
	12/15/2014	1524	1605.41	258.06	1347.35
	1/19/2015	1405	1605.41	258.10	1347.31
	2/25/2015	1645	1605.41	258.13	1347.28
RW-1	3/26/2015	1451	1605.41	258.38	1347.03
	4/13/2015	1320	1605.41	258.44	1346.97
	5/23/2015	1358	1605.41	258.43	1346.98
	6/15/2015	1703	1605.41	258.35	1347.06

Appendix C**Historical Water Level Data - UPCO Wells**
2015 Annual Monitoring Report - February 2016
Former Universal Propulsion Company, Inc. Facility
Phoenix, ArizonaDesign & Consultancy
for natural and
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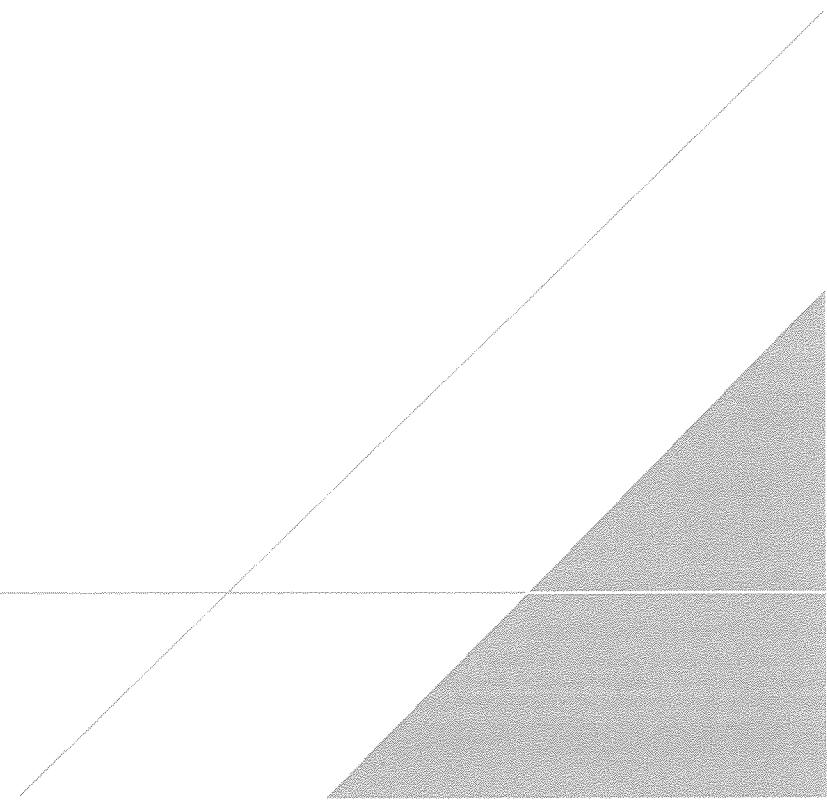
Well ID	Date	Time	Measuring Point Elevation (feet)	Depth to Water (feet)	Groundwater Elevation (feet amsl)
RW-1 (cont.)	7/13/2015	1328	1605.41	258.34	1347.07
	8/31/2015	1606	1605.41	258.33	1347.08
	9/30/2015	1545	1605.41	258.44	1346.97
	10/26/2015	1650	1605.41	258.28	1347.13
	11/25/2015	1453	1605.41	258.27	1347.14
	12/10/2015	1420	1605.41	258.30	1347.11
RW-2	9/2/2014	1104	1605.31	264.89	1340.42
	9/26/2014	2228	1605.31	261.67	1343.64
	10/28/2014	1417	1605.31	261.85	1343.46
	11/27/2014	1559	1605.31	261.61	1343.70
	12/15/2014	1516	1605.31	261.82	1343.49
	1/19/2015	1354	1605.31	261.86	1343.45
	2/25/2015	1630	1605.31	261.91	1343.40
	3/26/2015	1439	1605.31	262.24	1343.07
	4/13/2015	1309	1605.31	262.32	1342.99
	5/23/2015	1347	1605.31	262.33	1342.98
	6/15/2015	1648	1605.31	262.25	1343.06
	7/13/2015	1316	1605.31	262.26	1343.05
	8/31/2015	1550	1605.31	262.29	1343.02
	9/30/2015	1530	1605.31	262.40	1342.91
	10/26/2015	1633	1605.31	262.26	1343.05
	11/25/2015	1434	1605.31	262.23	1343.08
	12/10/2015	1408	1605.31	262.33	1342.98

Notes:

amsl = above mean sea level

APPENDIX D

UPCO Well Hydrographs

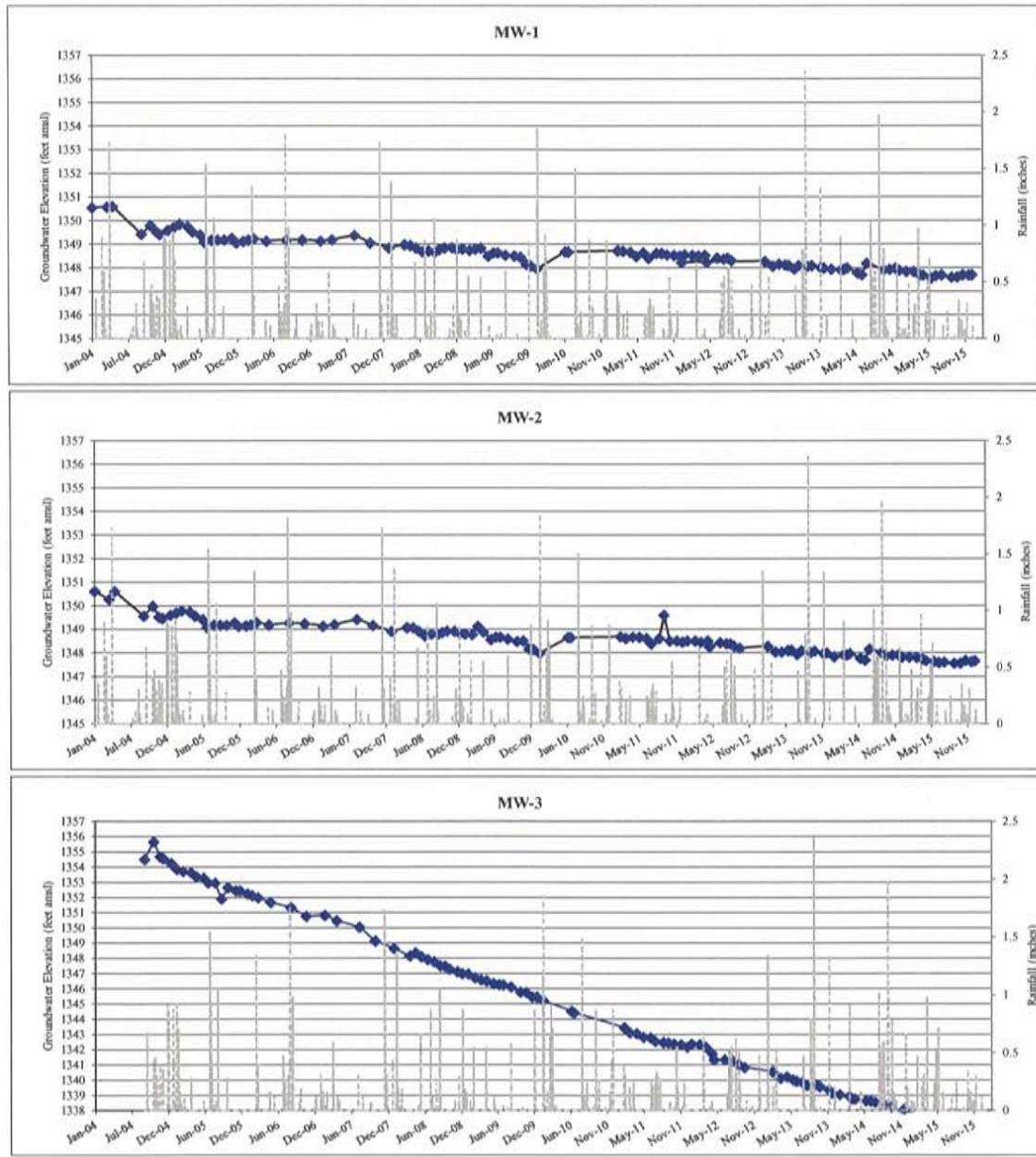


Appendix D

UPCO Well Hydrographs

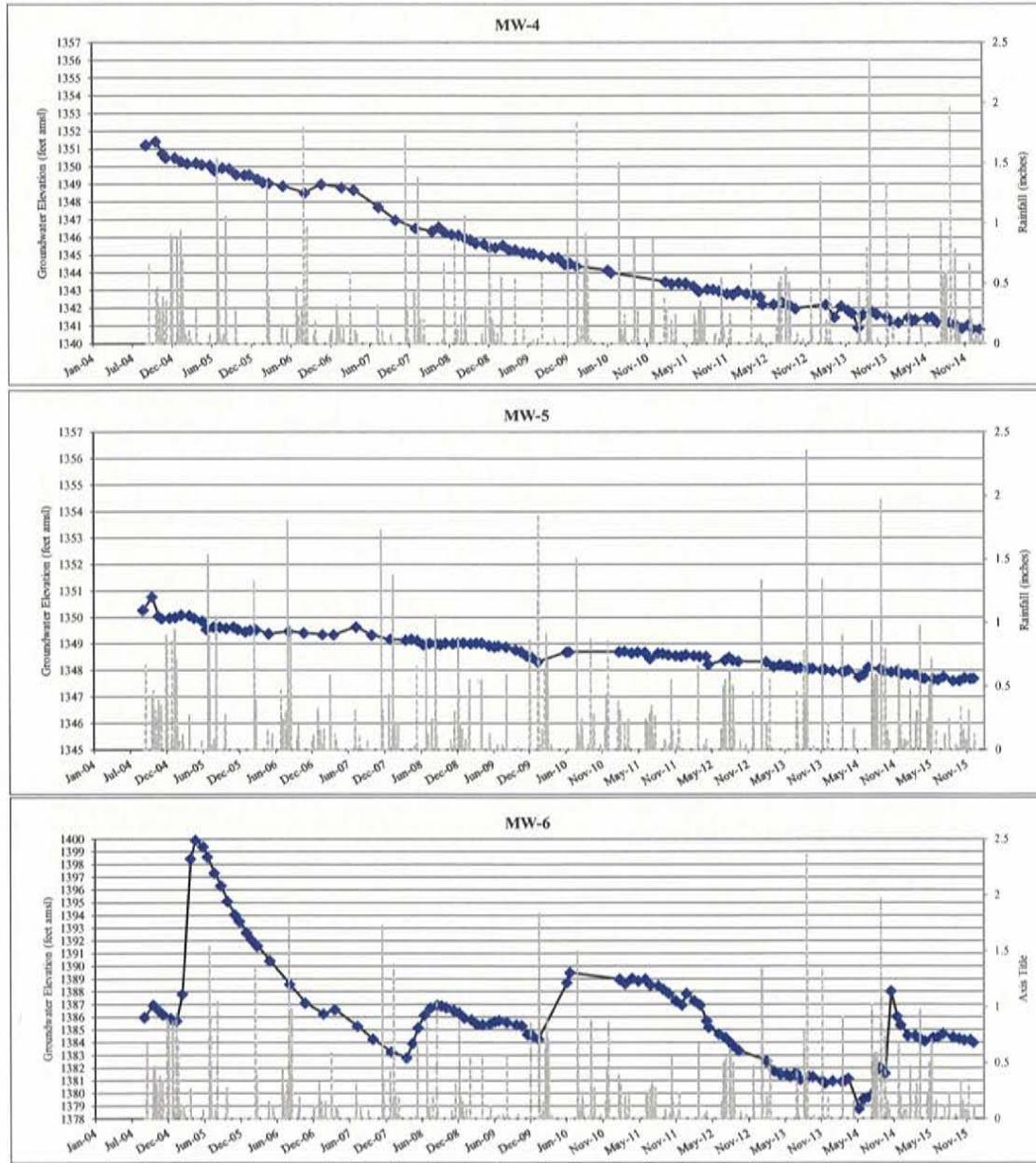
2015 Annual Monitoring Report - March 2016

Former Universal Propulsion Company, Inc. Facility
Phoenix, Arizona

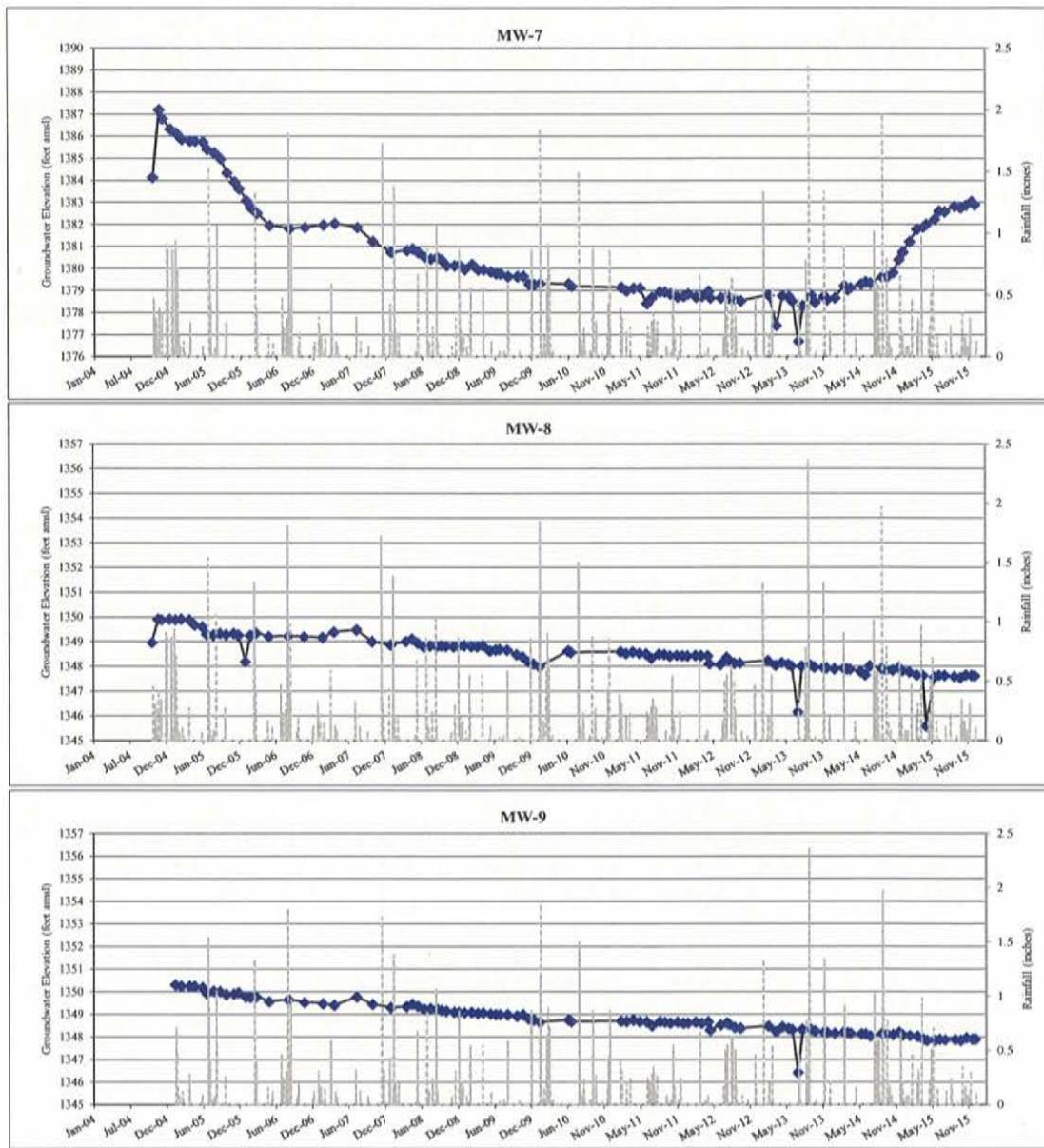


Appendix D
UPCO Well Hydrographs

2015 Annual Monitoring Report - March 2016
Former Universal Propulsion Company, Inc. Facility
Phoenix, Arizona

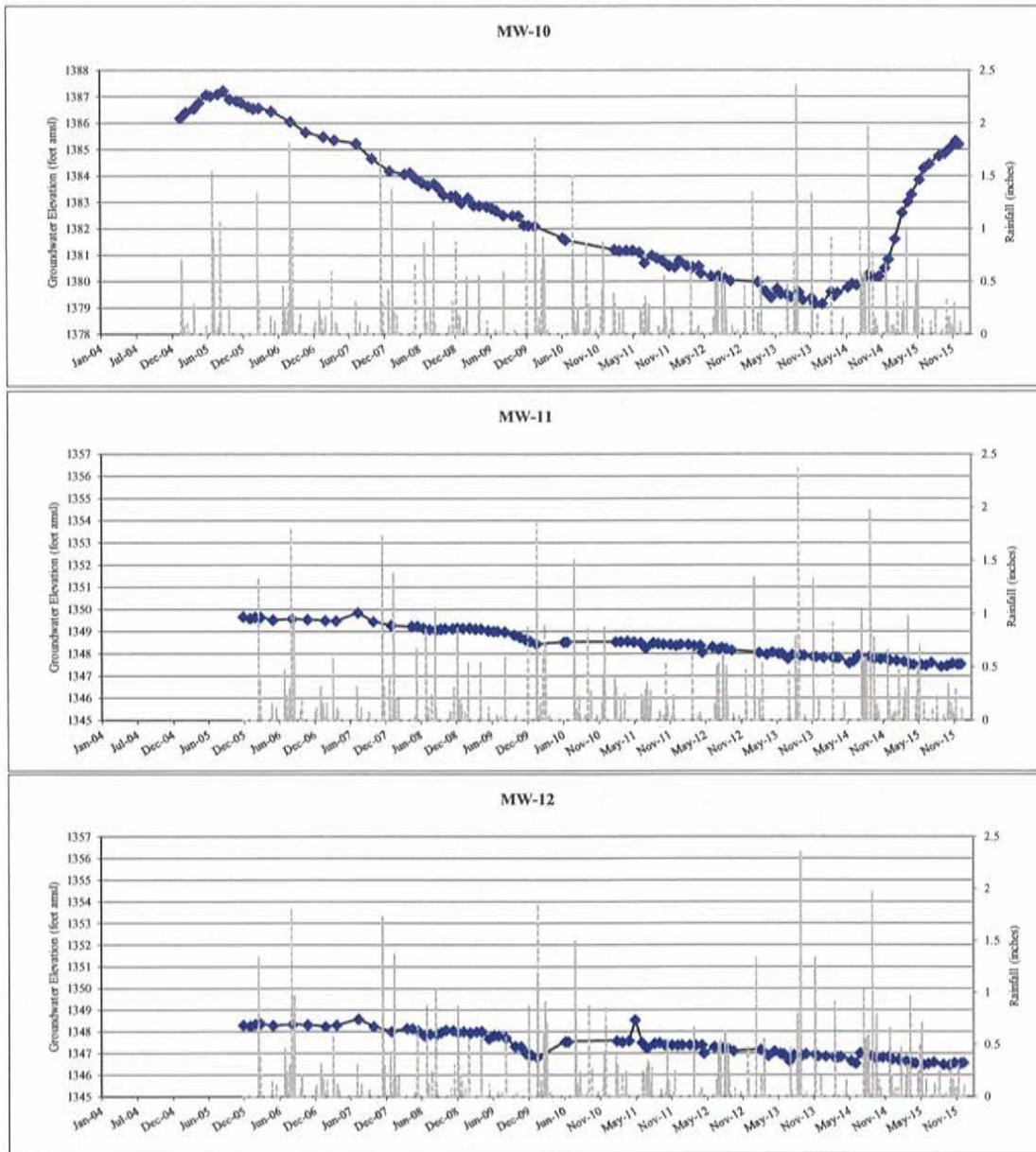


Appendix D
UPCO Well Hydrographs
2015 Annual Monitoring Report - March 2016
Former Universal Propulsion Company, Inc. Facility
Phoenix, Arizona



Appendix D
UPCO Well Hydrographs

2015 Annual Monitoring Report - March 2016
Former Universal Propulsion Company, Inc. Facility
Phoenix, Arizona

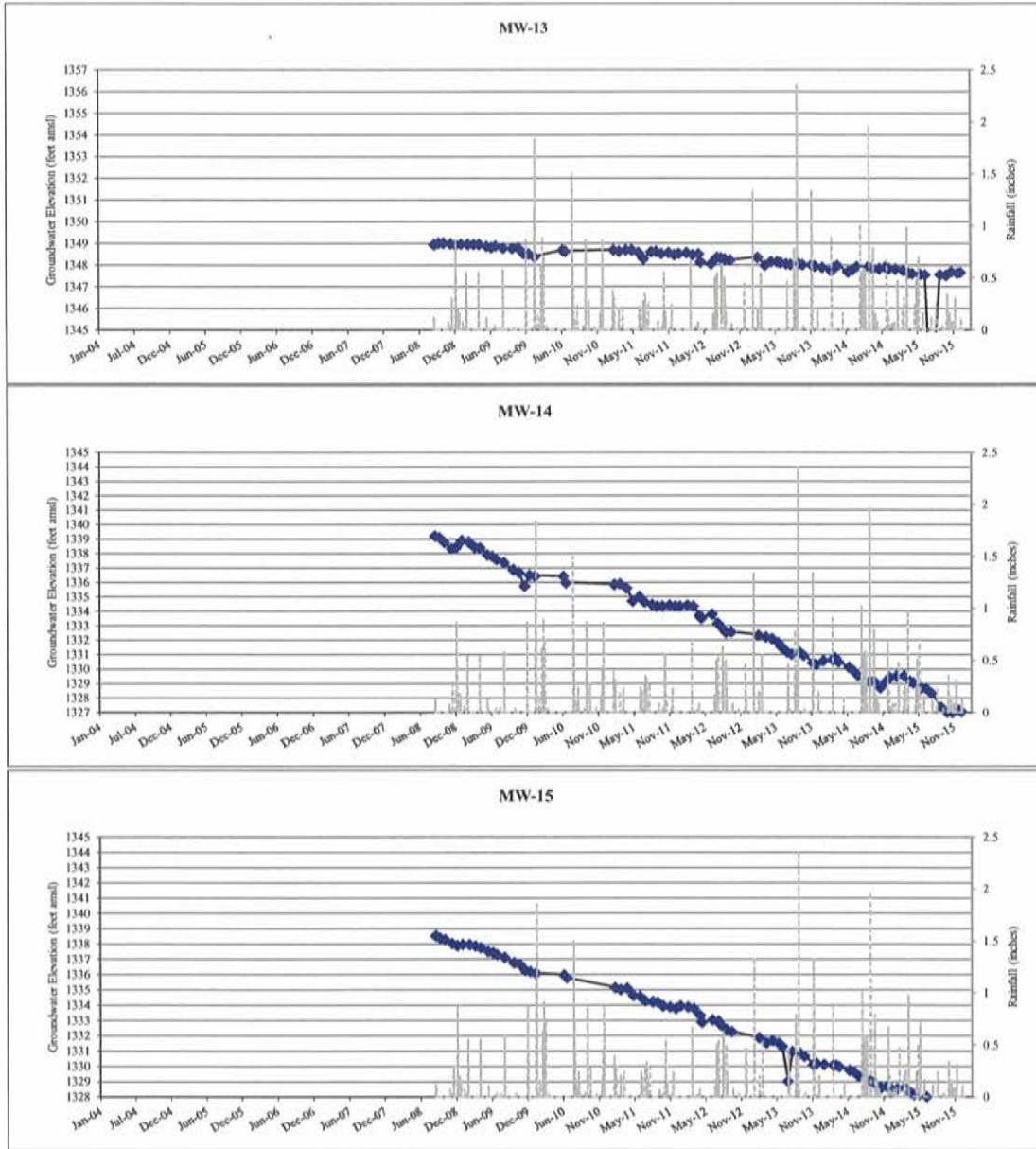


Appendix D

UPCO Well Hydrographs

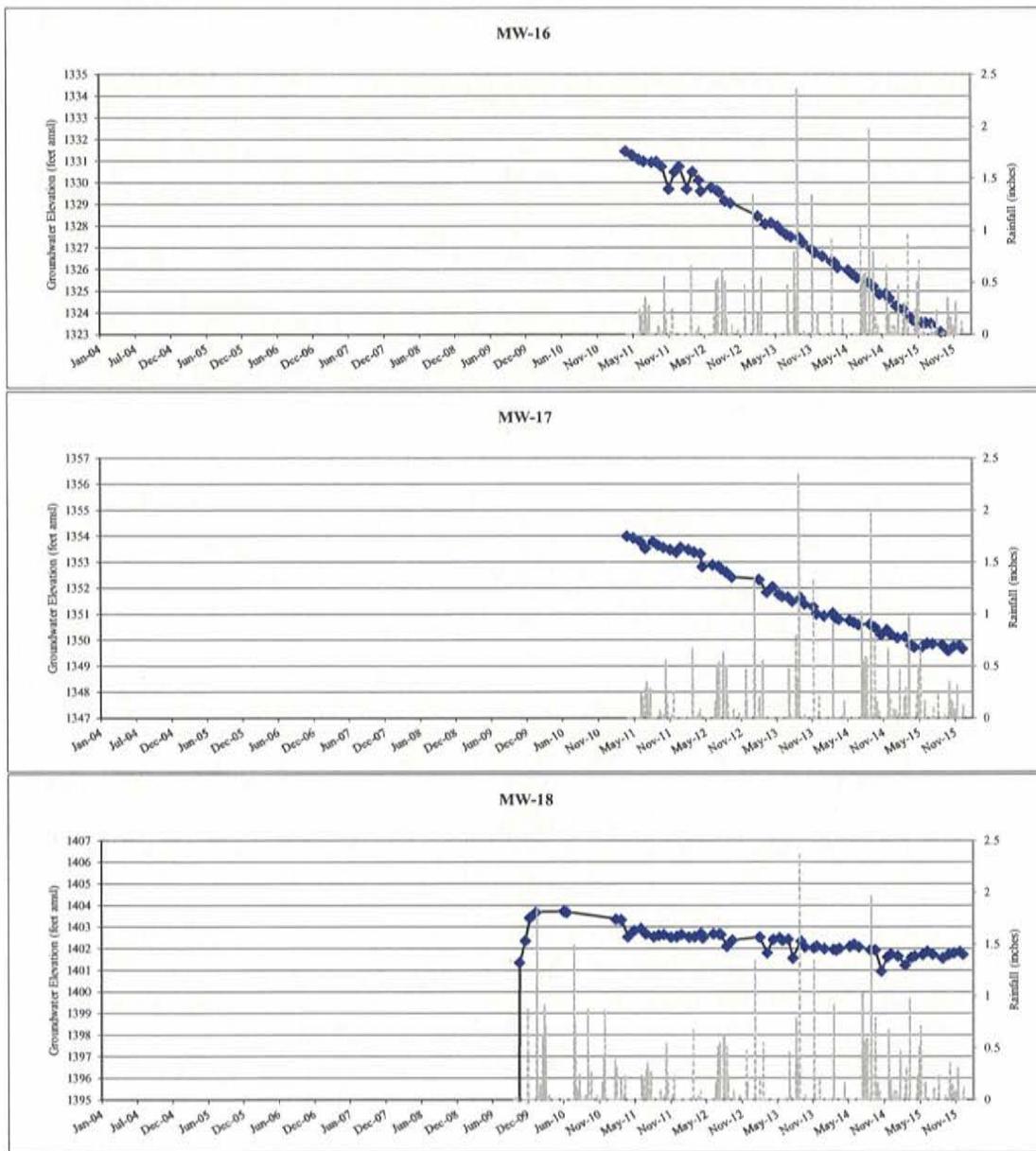
2015 Annual Monitoring Report - March 2016

Former Universal Propulsion Company, Inc. Facility
Phoenix, Arizona

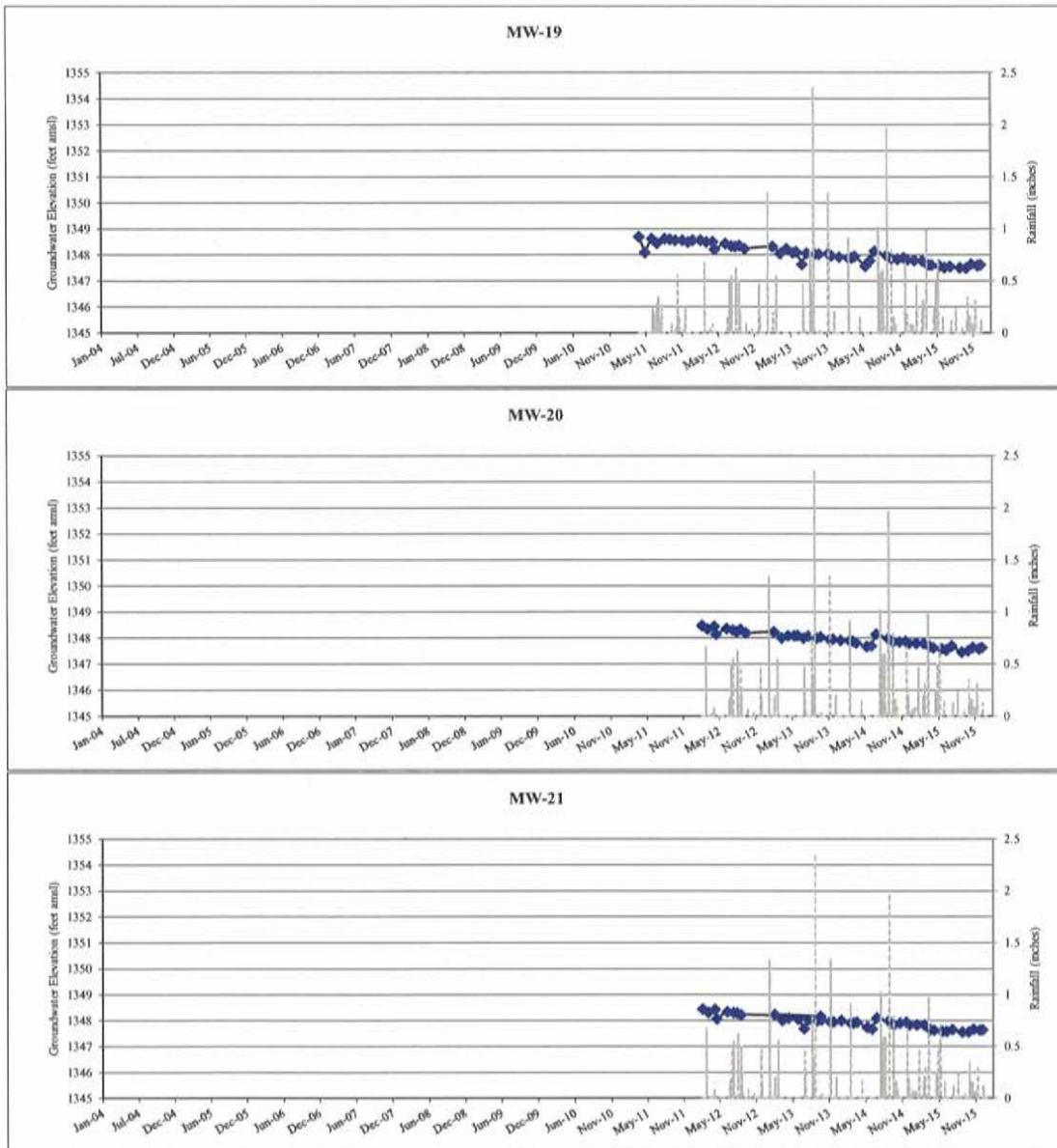


Appendix D
UPCO Well Hydrographs

2015 Annual Monitoring Report - March 2016
Former Universal Propulsion Company, Inc. Facility
Phoenix, Arizona

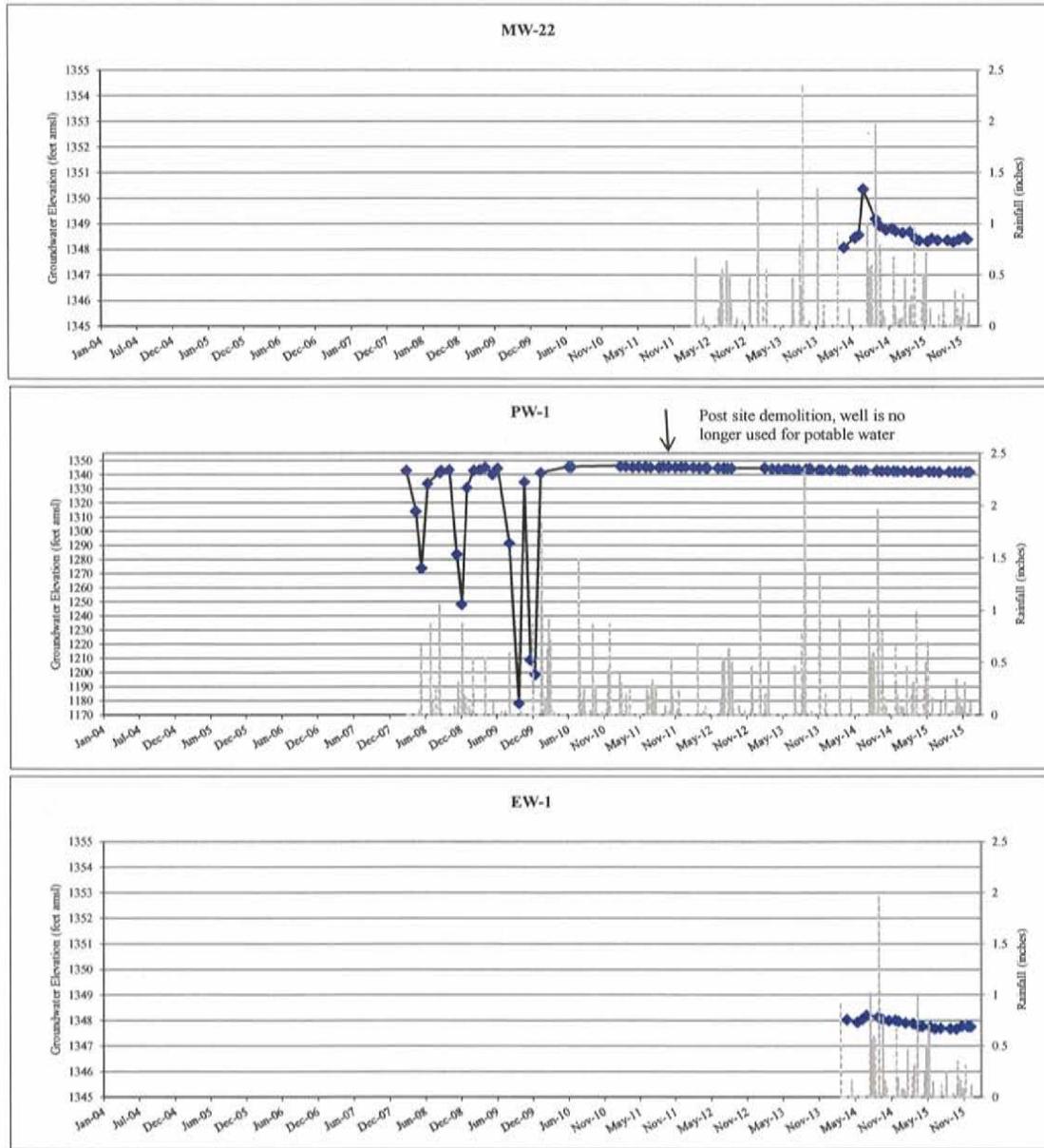


Appendix D
UPCO Well Hydrographs
2015 Annual Monitoring Report - March 2016
Former Universal Propulsion Company, Inc. Facility
Phoenix, Arizona



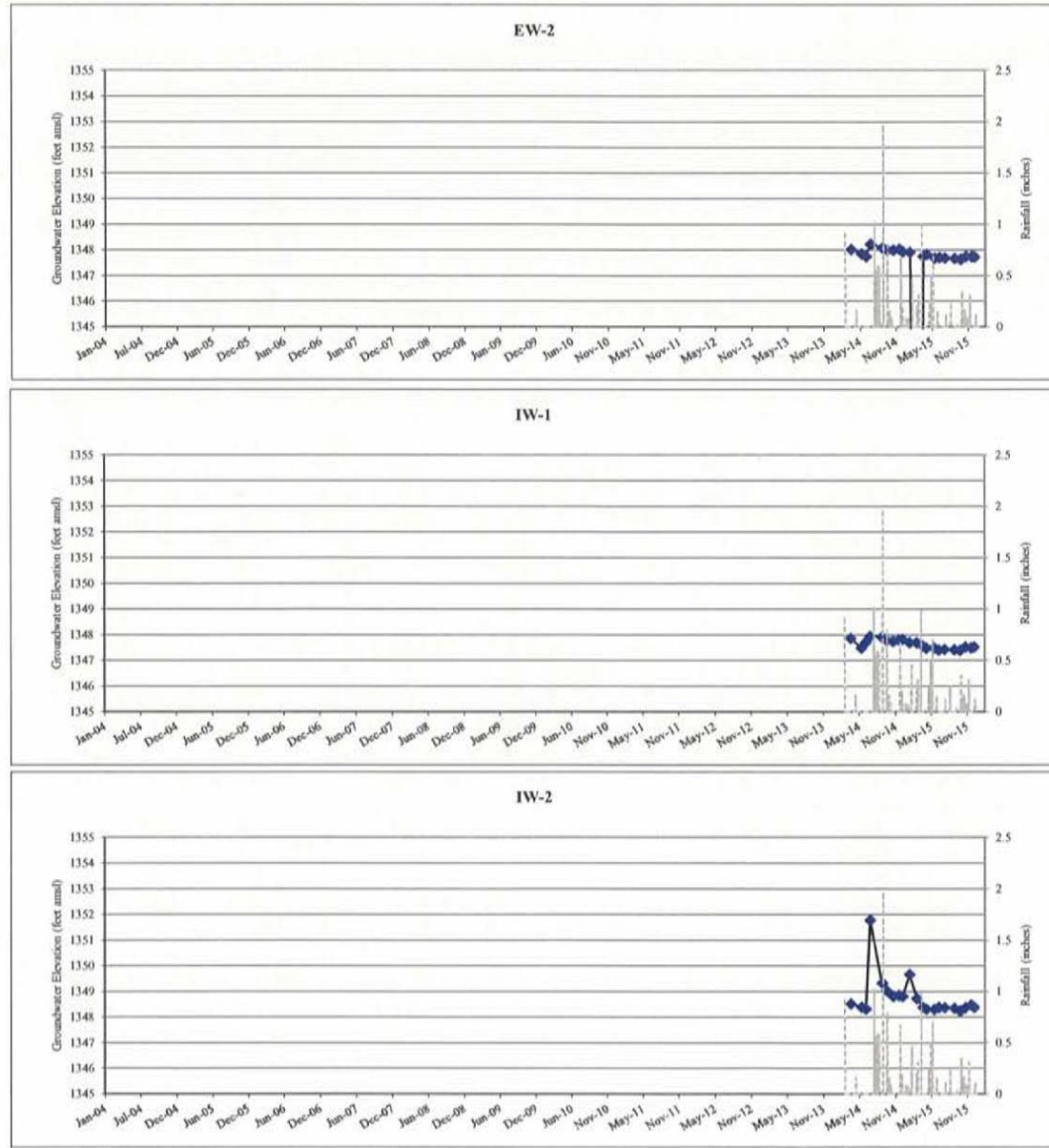
Appendix D
UPCO Well Hydrographs

2015 Annual Monitoring Report - March 2016
Former Universal Propulsion Company, Inc. Facility
Phoenix, Arizona



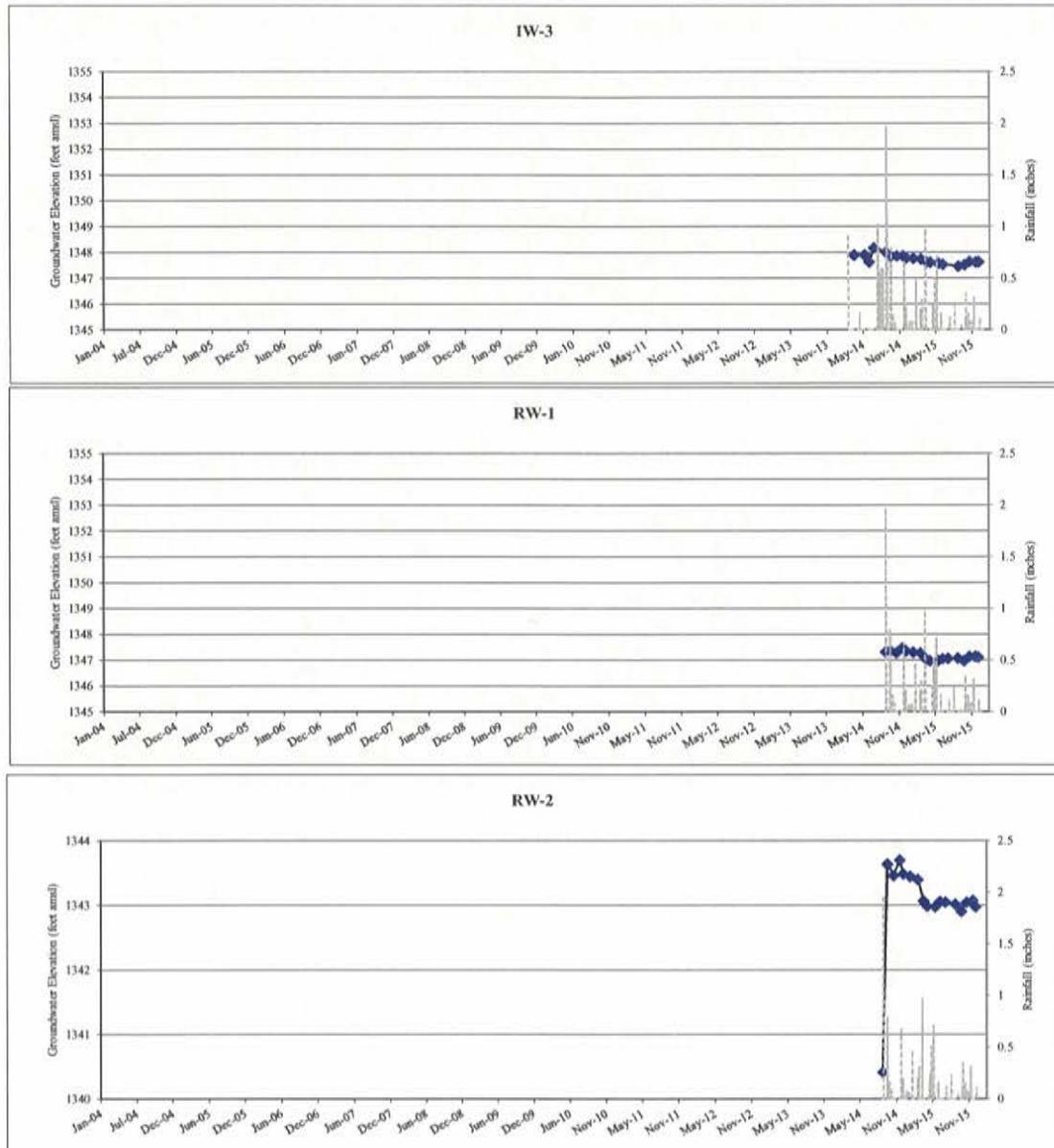
Appendix D
UPCO Well Hydrographs

2015 Annual Monitoring Report - March 2016
Former Universal Propulsion Company, Inc. Facility
Phoenix, Arizona



Appendix D
UPCO Well Hydrographs

2015 Annual Monitoring Report - March 2016
Former Universal Propulsion Company, Inc. Facility
Phoenix, Arizona



APPENDIX E

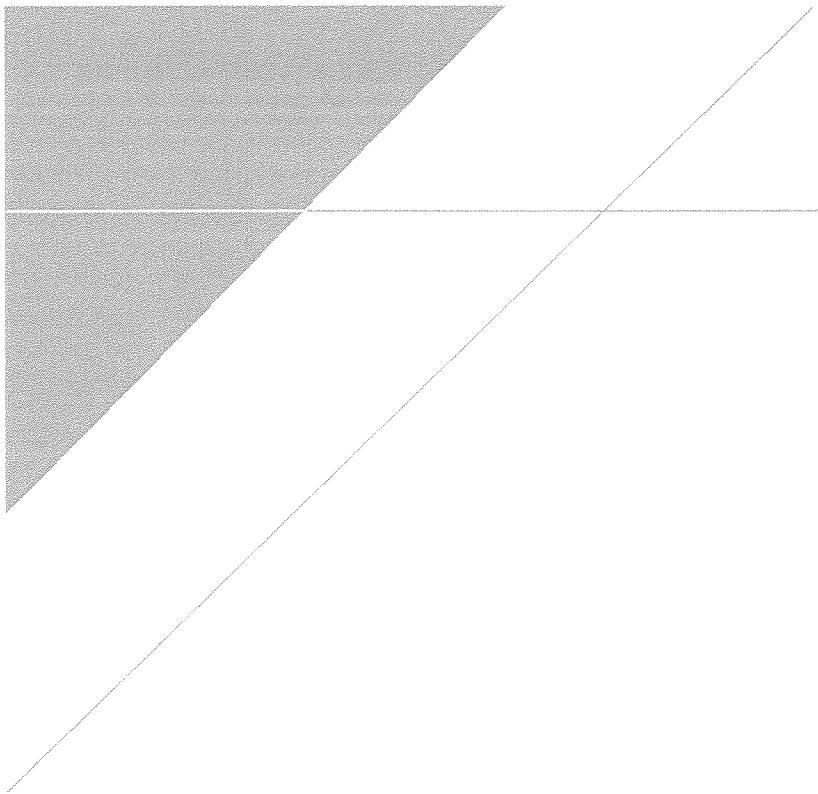
2015 UPCO Well Water Quality Data

Parameter	AWQS	MW-1 1/28/2015	MW-1 7/23/2015	MW-2 1/28/2015	MW-2 7/24/2015	MW-3 1/22/2015	MW-4 1/21/2015	MW-5 1/28/2015	MW-6 1/30/2015	MW-7 1/21/2015	MW-8 1/21/2015	MW-9 1/23/2015	MW-10 1/21/2015	MW-11 1/27/2015	MW-12 1/26/2015	MW-13 1/28/2015	MW-14 1/23/2015	MW-15 1/22/2015	MW-16 1/23/2015	MW-17 1/21/2015	MW-18 1/22/2015	MW-19 1/29/2015	MW-20 1/29/2015	MW-21 1/28/2015	PW-1 1/30/2015	PW-1 7/23/2015			
Metals (µg/L)																													
Arsenic	50	10.7	-	8.8	-	5.8 J	2.8 J	10.5	14.0	27.7 J	43.0	46.7	7.6 J	10.2 J	7.1	7.9	5.3	1.2 J	3.5 J	2.7 J	9.4 J	58.2	43.2	13.1	7.8	8.8	4.7 J	10	-
Barium	2000	40.7	-	69.6	-	16.7	77.6	52.4	301	7	2.2	2.6 J	55.7	6.2	138	26.7	49	350	229	115	27.8	13.7	18.9	20.2	85.6	31.7	8.8	8.2	-
Cadmium	5	<0.50	-	<0.50	-	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	-	
Chromium	100	<4.0	-	14.1	-	<4.0	<4.0	29.6	<4.0	<4.0	21.1	22.9	<4.0	<4.0	<4.0	7.4	<4.0	<4.0	<4.0	<4.0	<4.0	14.5	10.8	22.5	12.5	<4.0	24.7	<4.0	-
Lead	50	<0.50	-	<0.50	-	0.65	2.2	<0.50	0.53	1.5	0.74	0.61	<0.50	1.0	0.63	<0.50	<0.50	<0.50	0.79	0.88	0.52	0.5	0.55	<0.50	3.9 J	<0.50	<0.50	<0.50	-
Mercury	2	<0.20	-	<0.20	-	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	-		
Selenium	50	<1.0	-	1.0	-	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	2.1	<1.0	<1.0	3.7	<1.0	2.0 J	<1.0	<1.0	<1.0	<1.0	1.3	<1.0	1.2	<1.0	1.3 J	<1.0	-	
Silver	NE	<2.0	-	<2.0	-	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	-	
VOCs (µg/L)																													
1,1,1,2-Tetrachloroethane	NE	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<100	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
1,1,1-Trichloroethane	200	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50		
1,1,2,2-Tetrachloroethane	NE	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50		
1,1,2-Trichloroethane	5	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50		
1,1-Dichloroethane	NE	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	74.3	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50		
1,1-Dichloroethylene	7	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50		
1,1-Dichloropropene	NE	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<100	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
1,2,3-Trichlorobenzene	NE	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<200	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	
1,2,3-Trichloropropane	NE	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<200	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	
1,2,4-Trichlorobenzene	70	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<200	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	
1,2,4-Trimethylbenzene	NE	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<200	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	
1,2-Dibromo-3-chloropropane	0.2	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<200	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	
1,2-Dibromoethane	0.05	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<100	<1.0	<1.0	<1.0	<1.0</td																	

Notes:
ug/L = micrograms per liter
AWQS = Arizona Aquifer Water Quality Standard
NE = AWQS not established
Bold = analyte detected at concentration greater than AWQS
- = not analyzed
< = Analyte not detected above the laboratory reporting limit
VOC = volatile organic compound
J = The analysis was positively identified; however, the result should be considered an estimated value
* = The AWQS value for total trihalomethanes is listed for chloroform

APPENDIX F

Historical Private Well Perchlorate Data



Sample ID	Date Collected	Perchlorate	
		USEPA Method 314.0 (µg/L)	USEPA Method 332.0 (µg/L)
604/616 E. Yearling	11/17/2004	<2	-
	4/29/2005	<2	-
	10/28/2005	<2	-
	5/23/2006	<2	-
	11/14/2006	<2.0	1.1
	4/6/2007	<2.0	1.2
	10/16/2007	<2.0	1.0
	4/1/2008	<2.0	1.5
	10/15/2008	<2.0	1.1
	4/16/2009	<2.0	0.98
	10/30/2009	<2.0	1.6
	6/17/2010	<2.0	0.91 J
	2/25/2011	<2.0	1.1
	7/26/2011	<2.0 UJ	1.2
	1/23/2012	<2.0	0.97
	8/13/2012	<2.0	0.95
	2/26/2013	<3.0	1.0
	7/18/2013	<3.0	1.2
	1/14/2014	<3.0	1.0
	1/20/2015	<3.0	<2.0
	7/15/2015	<3.0	0.79
520 E. Yearling	11/17/2004	<2	-
	4/28/2005	<2	-
	5/23/2006	<2	-
	11/14/2006	<2.0	1.5
	4/4/2007	2.4	1.3
	10/16/2007	<2.0	1.4
	4/1/2008	<2.0	2.2
	10/15/2008	<2.0	1.3
	4/16/2009	<2.0	1.3
	10/30/2009	<2.0	1.9
	6/17/2010	<2.0	1.2 J
	2/23/2011	<2.0	1.4
	7/26/2011	<2.0 UJ	1.4
	1/23/2012	<2.0	1.2
	8/13/2012	2.0	1.3
	2/26/2013	<3.0	1.1
	7/18/2013	<3.0	1.3
	1/14/2014	<3.0	1.3
	7/16/2014	<3.0	1.7
	1/20/2015	<3.0	<2.0
	7/15/2015	<3.0	1.1

Appendix F

2015 Annual Monitoring Report - March 2016

Historical Private Well Perchlorate Data

Former Universal Propulsion Company, Inc. Facility

Phoenix, Arizona

Sample ID	Date Collected	Perchlorate	
		USEPA Method 314.0 (µg/L)	USEPA Method 332.0 (µg/L)
424 E. Yearling	1/19/2008	<2.0	1.2
	4/1/2008	<2.0	2.2
	10/15/2008	<2.0	1.6
	4/16/2009	<2.0	1.2
	10/30/2009	<2.0	1.8
	6/17/2010	<2.0	1.1 J
	2/25/2011	<2.0	1.7
	7/26/2011	<2.0 UJ	1.7
	1/24/2012	<2.0	1.3
	2/26/2013	<3.0	1.3
	1/14/2014	<3.0	1.5
	7/16/2014	<3.0	1.6
	7/15/2015	<3.0	1.5
	11/19/2004	<2	-
412 E. Yearling	4/29/2005	<2	-
	10/28/2005	<2	-
	5/23/2006	<2	-
	4/1/2008	<2.0	2.1
	10/15/2008	<2.0	1.5
	4/16/2009	<2.0	1.1
	10/30/2009	<2.0	1.5
	6/17/2010	<2.0	1.0 J
	2/25/2011	<2.0	1.3
	7/27/2011	<2.0 UJ	1.3
	1/25/2012	<2.0	1.1
	2/26/2013	<3.0	1.2
	7/18/2013	<3.0	1.2
	7/16/2014	<3.0	1.3
218 E. Yearling	1/20/2015	<3.0	<2.0
	7/15/2015	<3.0	1.1
	11/19/2004	<2	-
	10/28/2005	<2	-
	5/23/2006	<2	-
	11/14/2006	<2.0	0.68
	4/4/2007	<2.0	0.67
	10/16/2007	<2.0	-
	4/1/2008	<2.0	1.3
	10/15/2008	<2.0	0.80
	4/16/2009	<2.0	0.68
	10/30/2009	<2.0	1.2
	2/23/2011	<2.0	1.0
	7/26/2011	<2.0 UJ	0.69

Appendix F
 2015 Annual Monitoring Report - March 2016
 Historical Private Well Perchlorate Data
 Former Universal Propulsion Company, Inc. Facility
 Phoenix, Arizona

Sample ID	Date Collected	Perchlorate	
		USEPA Method 314.0 (µg/L)	USEPA Method 332.0 (µg/L)
204 E. Yearling	10/27/2005	<2	-
	4/16/2009	<2.0	0.64
	10/30/2009	<2.0	1.3
	6/17/2010	<2.0	0.62 J
	2/23/2011	<2.0	0.89
	7/26/2011	<2.0 UJ	0.72
	1/23/2012	<2.0	0.58
	8/13/2012	<2.0	0.79
	2/26/2013	<3.0	0.67
	7/18/2013	<3.0	0.60
	1/14/2014	<3.0	0.68
	7/16/2014	<3.0	0.63
	1/20/2015	<3.0	<2.0
	7/15/2015	<3.0	0.49
104 E. Yearling	11/15/2006	<2.0	2.0
	1/20/2015	<3.0	<2.0
18 E. Yearling	10/27/2005	<2	-
	5/23/2006	<2	-
	11/14/2006	<2.0	0.94
	4/4/2007	<2.0	0.98
	10/16/2007	<2.0	0.77
	4/1/2008	<2.0	1.0
	10/15/2008	<2.0	1.1
	4/16/2009	<2.0	0.86
	10/30/2009	<2.0	1.1
	6/17/2010	<2.0	0.81 J
	2/23/2011	<2.0	0.99
	8/13/2012	<2.0	0.81
	2/26/2013	<3.0	0.63
	7/18/2013	<3.0	0.83
	1/14/2014	<3.0	0.65
	7/16/2014	<3.0	0.60
	1/20/2015	<3.0	<2.0
	7/16/2015	<3.0	0.50

Appendix F
 2015 Annual Monitoring Report - March 2016
 Historical Private Well Perchlorate Data
 Former Universal Propulsion Company, Inc. Facility
 Phoenix, Arizona



Design & Construction
for natural and
built assets

Sample ID	Date Collected	Perchlorate		
		USEPA Method 314.0 (µg/L)	314.0	USEPA Method 332.0 (µg/L)
16 E. Yearling	11/19/2004	<2	-	-
	4/29/2005	<2	-	-
	10/28/2005	<2	-	-
	5/23/2006	<2	-	-
	11/13/2006	<2.0	0.68	
	10/16/2007	<2.0	0.64	
	10/15/2008	<2.0	0.77	
	4/17/2009	<2.0	0.63	
	10/30/2009	<2.0	1.0	
	6/17/2010	<2.0	0.58 J	
	2/24/2011	<2.0	1.8	
	7/26/2011	<2.0 UJ	0.65	
	1/23/2012	2.0	1.7	
	8/13/2012	<2.0	0.85	
	2/26/2013	<3.0	1.4	
	7/18/2013	<3.0	0.59	
	7/16/2015	<3.0	0.50	
25903 N. 2nd St.	11/19/2004	<2	-	-
	10/28/2005	<2	-	-
	5/23/2006	<2	-	-
	11/14/2006	<2.0	0.78	
	4/4/2007	<2.0	0.76	
	4/1/2008	2.2	3.1	
	10/15/2008	<2.0	0.84	
	4/16/2009	<2.0	0.88	
	10/30/2009	<2.0	1.3	
	6/17/2010	<2.0	0.65 J	
	2/24/2011	<2.0	0.88	
	1/24/2012	<2.0	0.66	
	7/18/2013	<3.0	0.70	
	1/14/2014	<3.0	0.73	
	7/16/2014	<3.0	0.69	
	7/15/2015	<3.0	0.57	

Appendix F
 2015 Annual Monitoring Report - March 2016
 Historical Private Well Perchlorate Data
 Former Universal Propulsion Company, Inc. Facility
 Phoenix, Arizona

Sample ID	Date Collected	Perchlorate		
		USEPA Method (µg/L)	314.0	USEPA Method (µg/L)
25825 N. 1st Place	11/17/2004	<2	-	-
	4/28/2005	<2	-	-
	10/28/2005	<2	-	-
	5/23/2006	<2	-	-
	11/14/2006	<2.0	1.0	-
	4/4/2007	<2.0	0.93	-
	10/16/2007	<2.0	0.89	-
	4/1/2008	<2.0	1.1	-
	10/15/2008	<2.0	0.97	-
	4/16/2009	<2.0	0.89	-
	10/30/2009	<2.0	1.2	-
	6/16/2010	<2.0	0.89	-
	2/24/2011	<2.0	1.0	-
	7/27/2011	<2.0 UJ	0.67	-
	1/23/2012	<2.0	0.87	-
	8/13/2012	<2.0 UJ	0.98	-
	2/26/2013	<3.0	0.59	-
	7/18/2013	<3.0	0.53	-
	1/14/2014	<3.0	0.67	-
	7/16/2014	<3.0	0.49	-
	1/20/2015	<3.0	<2.0	-
	7/15/2015	<3.0	0.57	-
8 W. Yearling	12/28/2007	<2.0	1.2	-
	4/4/2008	<2.0	0.78	-
	10/15/2008	<2.0	1.1	-
	10/30/2009	<2.0	1.1	-
	6/17/2010	<2.0	0.62 J	-
	2/24/2011	<2.0	0.71	-
	7/26/2011	<2.0 UJ	0.74	-
	1/23/2012	<2.0	0.66	-
	8/13/2012	<2.0	0.78	-
	2/26/2013	<3.0	0.60	-
	7/18/2013	<3.0	0.60	-

Appendix F
 2015 Annual Monitoring Report - March 2016
 Historical Private Well Perchlorate Data
 Former Universal Propulsion Company, Inc. Facility
 Phoenix, Arizona

Sample ID	Date Collected	Perchlorate		
		USEPA Method (µg/L)	314.0	USEPA Method (µg/L)
8 W. Yearling (cont.)	1/14/2014	<3.0		0.67
	7/16/2014	<3.0		0.59
	1/20/2015	<3.0		<2.0
	7/16/2015	<3.0		0.55
106 W. Yearling	12/28/2007	<2.0		1.3
	4/1/2008	<2.0		1.1
	10/15/2008	<2.0		0.75
	4/16/2009	<2.0		0.65
	7/26/2011	<2.0 UJ		0.57
	2/26/2013	<3.0		0.52
	7/18/2013	<3.0		0.64
	1/14/2014	<3.0		0.55
	12/28/2007	<2.0		1.4
122 W. Yearling	4/1/2008	<2.0		1.2
	10/13/2008	<2.0		0.72
	4/16/2009	<2.0		0.67
	10/30/2009	<2.0		1.2
	6/17/2010	<2.0		0.65 J
	2/25/2011	<2.0		0.68
	7/26/2011	<2.0 UJ		0.63
	1/23/2012	<2.0		0.52
	2/26/2013	<3.0		0.53
	7/18/2013	<3.0		0.54
	1/14/2014	<3.0		0.54
	1/20/2015	<3.0		<2.0
	7/16/2015	<3.0		0.45

Notes:

µg/L = micrograms per liter

USEPA = United States Environmental Protection Agency

Health Based Guidance Level (HBGL) for perchlorate is 14 µg/L.

< = Analyte not detected above the listed laboratory reporting limit.

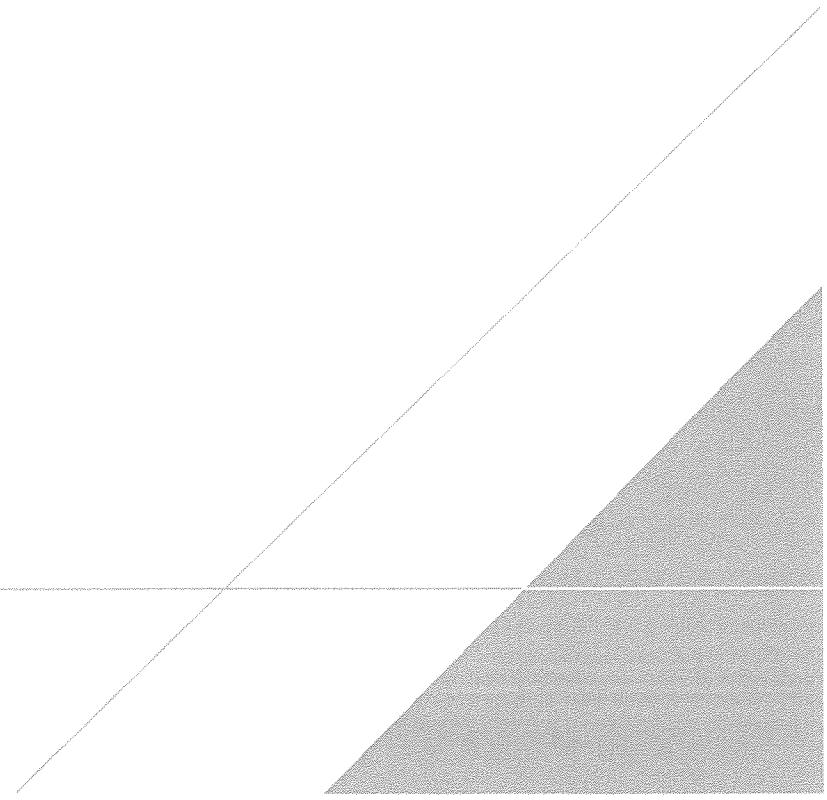
J = Analyte was positively identified; however, the result should be considered an estimated value.

UJ = the reporting limit is considered an estimated value.

- = not analyzed

APPENDIX G

2015 Field Data Summary



Appendix G

2015 Field Data Summary

2015 Annual Monitoring Report - March 2016

Former Universal Propulsion Company, Inc. Facility

Phoenix, Arizona



Design & Consultancy
for natural and
built assets

Quarter Sampled	Well ID	Date	Purge Volume (gallons) ^a	Time (HH:MM)	Temperature (°C)	Conductivity (ms/cm)	pH (SU)
First Quarter 2015	MW-1	1/28/2015	28	12:05	28.60	0.379	7.34
	MW-1	1/28/2015	48	12:10	28.65	0.377	7.36
	MW-1	1/28/2015	68	12:15	28.65	0.376	7.37
	MW-1	1/28/2015	88	12:20	28.65	0.378	7.38
	MW-1	1/28/2015	108	12:25	28.66	0.377	7.38
	MW-1	1/28/2015	128	12:30	purge end time		
	MW-2	1/28/2015	80	16:00	28.07	0.421	7.56
	MW-2	1/28/2015	130	16:05	28.09	0.418	7.58
	MW-2	1/28/2015	180	16:10	28.10	0.417	7.59
	MW-2	1/28/2015	230	16:15	28.08	0.416	7.59
	MW-2	1/23/2014	280	16:20	purge end time		
	MW-3	1/21/2015	8	15:22	27.27	0.204	7.47
	MW-3	1/21/2015	22	15:26	28.56	0.201	7.57
	MW-3	1/21/2015	37	15:30	28.86	0.299	7.58
	MW-3	1/21/2015	56	15:35	well went dry		
	MW-3	1/22/2015	64	14:43	26.86	0.317	7.53
	MW-3	1/22/2015	82	14:48	28.58	0.311	7.55
	MW-3	1/22/2015	90	14:50	purge end time		
	MW-4	1/20/2015	3	14:21	27.68	0.430	7.08
	MW-4	1/20/2015	6	14:24	27.91	0.428	7.23
	MW-4	1/20/2015	10	14:27	28.00	0.428	7.24
	MW-4	1/20/2015	13	14:29	well went dry		
	MW-4	1/21/2015	16	13:45	27.26	0.430	7.49
	MW-4	1/21/2015	23	13:50	purge end time		
	MW-5	1/28/2015	33	10:55	28.27	0.375	7.34
	MW-5	1/28/2015	65	11:00	28.57	0.372	7.40
	MW-5	1/28/2015	98	11:05	28.61	0.368	7.44
	MW-5	1/28/2015	130	11:10	28.63	0.365	7.46
	MW-5	1/28/2015	163	11:15	28.65	0.364	7.48
	MW-5	1/28/2015	202	11:21	purge end time		
	MW-6	1/30/2015	3	13:30	26.62	0.625	7.27
	MW-6	1/30/2015	11	13:35	27.12	0.615	7.33
	MW-6	1/30/2015	18	13:40	28.00	0.613	7.42
	MW-6	1/25/2014	25	13:45	purge end time		
	MW-7	1/21/2015	36	12:20	27.90	0.303	7.63
	MW-7	1/21/2015	96	12:30	28.00	0.332	7.65
	MW-7	1/21/2015	126	12:35	28.01	0.335	7.66
	MW-7	1/21/2015	156	12:40	28.04	0.343	7.67
	MW-7	1/21/2015	186	12:45	28.09	0.345	7.68
	MW-7	1/21/2015	210	12:49	purge end time		
	MW-8	1/26/2015	6	12:30	27.38	0.223	8.25
	MW-8	1/26/2015	18	12:34	28.73	0.209	8.49
	MW-8	1/26/2015	30	12:38	28.96	0.211	8.82
	MW-8	1/26/2015	42	12:42	29.04	0.214	8.72
	MW-8	1/26/2015	48	12:44	well went dry		
	MW-8	1/27/2015	54	12:31	28.31	0.223	8.74
	MW-8	1/27/2015	66	12:35	purge end time		

Appendix G

2015 Field Data Summary

2015 Annual Monitoring Report - March 2016

Former Universal Propulsion Company, Inc. Facility

Phoenix, Arizona



Design & Consultancy
for natural and
built assets

Quarter Sampled	Well ID	Date	Purge Volume (gallons) ^a	Time (HH:MM)	Temperature (°C)	Conductivity (ms/cm)	pH (SU)
First Quarter 2015 (cont.)	MW-9	1/23/2015	22	10:50	-	-	-
	MW-9	1/23/2015	49	10:55	28.29	0.439	7.18
	MW-9	1/23/2015	77	11:00	28.37	0.439	7.22
	MW-9	1/23/2015	105	11:05	28.43	0.437	7.24
	MW-9	1/23/2015	132	11:10	28.40	0.435	7.26
	MW-9	1/23/2015	160	11:15	28.43	0.434	7.78
	MW-9	1/23/2015	187	11:20	28.45	0.433	7.30
	MW-9	1/23/2015	220	11:25	28.41	0.432	7.31
	MW-9	1/23/2015	247	11:30	purge end time		
	MW-10	1/21/2015	8	15:58	27.44	0.368	7.45
	MW-10	1/21/2015	21	16:03	28.44	0.369	7.46
	MW-10	1/21/2015	34	16:08	28.39	0.368	7.50
	MW-10	1/21/2015	44	16:12	well went dry		
	MW-10	1/22/2015	57	15:23	27.26	0.365	7.48
	MW-10	1/22/2015	70	15:28	28.38	0.365	7.54
	MW-10	1/22/2015	75	15:30	purge end time		
	MW-11	1/27/2015	28	10:33	28.41	0.603	7.19
	MW-11	1/27/2015	44	10:36	28.56	0.608	7.22
	MW-11	1/27/2015	82	10:43	28.54	0.608	7.24
	MW-11	1/27/2015	110	10:48	28.56	0.609	7.25
	MW-11	1/27/2015	138	10:53	28.57	0.609	7.26
	MW-11	1/27/2015	165	10:58	28.63	0.609	7.28
	MW-11	1/27/2015	193	11:03	28.62	0.609	7.28
	MW-11	1/27/2015	231	11:10	purge end time		
	MW-12	1/26/2015	94	13:20	28.67	0.428	7.22
	MW-12	1/26/2015	362	13:40	29.60	0.424	7.37
	MW-12	1/26/2015	523	13:52	29.58	0.420	7.39
	MW-12	1/26/2015	536	13:53	turned off pump to dump tank		
	MW-12	1/26/2015	804	14:40	29.58	0.418	7.43
	MW-12	1/26/2015	871	14:45	29.59	0.418	7.44
	MW-12	1/26/2015	938	14:50	29.58	0.418	7.45
	MW-12	1/26/2015	1005	14:55	purge end time		
	MW-13	1/28/2015	55	13:15	29.35	0.426	7.40
	MW-13	1/28/2015	220	13:30	29.49	0.416	7.46
	MW-13	1/28/2015	385	13:45	29.51	0.412	7.48
	MW-13	1/28/2015	451	13:51	turned off pump to dump tank		
	MW-13	1/28/2015	528	14:25	29.49	0.416	7.50
	MW-13	1/28/2015	693	14:40	29.57	0.406	7.50
	MW-13	1/28/2015	748	14:45	29.59	0.423	7.50
	MW-13	1/28/2015	803	14:50	29.60	0.421	7.51
	MW-13	1/28/2015	858	14:55	purge end time		
	MW-14	1/22/2015	54	16:08	29.20	0.744	7.15
	MW-14	1/22/2015	135	16:20	28.98	0.737	7.16
	MW-14	1/22/2015	236	16:35	29.44	0.737	7.17
	MW-14	1/22/2015	304	16:45	30.31	0.735	7.18
	MW-14	1/22/2015	371	16:55	30.57	0.732	7.19
	MW-14	1/22/2015	374	16:58	well went dry		
	MW-14	1/22/2015	408	12:05	29.31	0.771	7.08
	MW-14	1/22/2015	476	12:15	29.07	0.773	7.10
	MW-14	1/22/2015	509	12:20	29.03	0.773	7.10
	MW-14	1/22/2015	543	12:25	29.23	0.772	7.10
	MW-14	1/22/2015	577	12:30	purge end time		

Appendix G**2015 Field Data Summary****2015 Annual Monitoring Report - March 2016****Former Universal Propulsion Company, Inc. Facility**

Phoenix, Arizona


 Design & Consultancy
 for natural and
 built assets

Quarter Sampled	Well ID	Date	Purge Volume (gallons) ^a	Time (HH:MM)	Temperature (°C)	Conductivity (ms/cm)	pH (SU)
First Quarter 2015 (cont.)	MW-15	1/22/2015	36	12:20	28.65	0.459	7.15
	MW-15	1/22/2015	88	12:30	28.71	0.457	7.20
	MW-15	1/22/2015	140	12:40	28.72	0.459	7.22
	MW-15	1/22/2015	166	12:45	28.79	0.467	7.24
	MW-15	1/22/2015	192	12:50	28.76	0.467	7.26
	MW-15	1/22/2015	218	12:55	28.82	0.467	7.27
	MW-15	1/22/2015	239	12:59	purge end time		
	MW-16	1/23/2015	35	13:30	29.51	0.491	7.24
	MW-16	1/23/2015	140	13:45	29.44	0.491	7.27
	MW-16	1/23/2015	245	14:00	29.78	0.492	7.29
	MW-16	1/23/2015	350	14:15	29.98	0.495	7.31
	MW-16	1/23/2015	455	14:30	turned off pump to dump tank		
	MW-16	1/23/2015	490	15:05	29.87	0.491	7.33
	MW-16	1/23/2015	595	15:20	29.88	0.494	7.34
	MW-16	1/23/2015	700	15:35	30.01	0.494	7.34
	MW-16	1/23/2015	805	15:50	30.02	0.495	7.34
	MW-16	1/23/2015	875	16:00	30.03	0.494	7.34
	MW-16	1/23/2015	910	16:05	30.08	0.494	7.34
	MW-16	1/23/2015	945	16:10	30.03	0.494	7.34
	MW-16	1/23/2015	980	16:15	purge end time		
	MW-17	1/21/2015	18	10:40	28.28	0.355	7.11
	MW-17	1/21/2015	53	10:50	28.78	0.361	7.26
	MW-17	1/21/2015	88	11:00	29.45	0.355	7.38
	MW-17	1/21/2015	105	11:05	29.27	0.351	7.46
	MW-17	1/21/2015	123	11:10	29.29	0.349	7.49
	MW-17	1/21/2015	140	11:15	29.28	0.349	7.51
	MW-17	1/21/2015	158	11:20	29.32	0.348	7.54
	MW-17	1/21/2015	175	11:25	29.33	0.346	7.56
	MW-17	1/21/2015	193	11:30	purge end time		
	MW-18	1/26/2015	16	11:45	27.60	0.376	7.27
	MW-18	1/26/2015	42	11:50	27.93	0.375	7.31
	MW-18	1/26/2015	68	11:55	27.96	0.378	7.52
	MW-18	1/26/2015	95	12:00	28.09	0.377	7.69
	MW-18	1/26/2015	110	12:03	well went dry		
	MW-18	1/26/2015	126	11:56	27.70	0.370	7.73
	MW-18	1/26/2015	153	12:01	purge end time		
	MW-19	1/29/2015	49	12:25	28.11	0.429	7.52
	MW-19	1/29/2015	84	12:30	28.12	0.436	7.52
	MW-19	1/29/2015	119	12:35	28.14	0.436	7.53
	MW-19	1/29/2015	294	13:00	purge end time		
	MW-20	1/29/2015	66	11:05	28.31	0.486	7.19
	MW-20	1/29/2015	113	11:10	28.31	0.488	7.28
	MW-20	1/29/2015	160	11:15	28.34	0.491	7.31
	MW-20	1/29/2015	207	11:20	28.38	0.493	7.33
	MW-20	1/29/2015	254	11:25	28.34	0.494	7.34
	MW-20	1/29/2015	329	11:33	purge end time		

Appendix G

2015 Field Data Summary

2015 Annual Monitoring Report - March 2016

Former Universal Propulsion Company, Inc. Facility

Phoenix, Arizona



Design & Consultancy
for natural and
built assets

Quarter Sampled	Well ID	Date	Purge Volume (gallons) ^a	Time (HH:MM)	Temperature (°C)	Conductivity (ms/cm)	pH (SU)
First Quarter 2015 (cont.)	MW-21	1/25/2015	63	15:30	28.09	0.370	7.36
	MW-21	1/25/2015	125	15:35	28.20	0.365	7.42
	MW-21	1/25/2015	188	15:40	28.22	0.361	7.44
	MW-21	1/25/2015	250	15:45	28.24	0.360	7.45
	MW-21	1/25/2015	312	15:50	28.24	0.360	7.45
	MW-21	1/25/2015	375	15:55	purge end time		
	MW-22	1/20/2015	5	15:00	26.87	0.018	7.64
	MW-22	1/20/2015	16	15:05	27.29	0.042	7.70
	MW-22	1/20/2015	28	15:10	28.57	0.165	7.57
	MW-22	1/20/2015	39	15:15	28.99	0.216	7.58
	MW-22	1/20/2015	51	15:20	29.14	0.225	7.70
	MW-22	1/20/2015	62	15:25	29.20	0.231	7.58
	MW-22	1/20/2015	69	15:28	well went dry		
	MW-22	1/20/2015	74	14:40	26.75	0.193	7.72
	MW-22	1/20/2015	85	14:45	27.54	0.216	7.74
	MW-22	1/20/2015	90	14:47	purge end time		
	PW-1	1/30/2015	30	12:20	26.26	0.442	7.84
	PW-1	1/30/2015	104	12:25	26.84	0.460	7.81
	PW-1	1/30/2015	133	12:30	26.30	0.442	7.82
	PW-1	1/30/2015	207	12:35	26.41	0.440	7.88
	PW-1	1/30/2015	281	12:40	27.23	0.439	7.87
	PW-1	1/30/2015	355	12:45	purge end time		
Second Quarter 2015	MW-1	4/15/2015	23	13:05	28.64	0.382	7.22
	MW-1	4/15/2015	45	13:10	28.72	0.380	7.13
	MW-1	4/15/2015	67	13:15	28.73	0.378	7.15
	MW-1	4/15/2015	90	13:20	28.75	0.378	7.16
	MW-1	4/15/2015	113	13:25	28.74	0.379	7.17
	MW-1	4/15/2015	126	13:28	purge end time		
	MW-2	4/15/2015	70	14:10	28.31	0.421	7.24
	MW-2	4/15/2015	120	14:15	28.30	0.420	7.25
	MW-2	4/15/2015	170	14:20	28.32	0.420	7.26
	MW-2	4/15/2015	220	14:25	28.34	0.420	7.27
	MW-2	4/15/2015	260	14:29	purge end time		
	MW-5	4/15/2015	30	11:45	28.79	0.371	7.27
	MW-5	4/15/2015	55	11:50	28.87	0.365	7.32
	MW-5	4/15/2015	80	11:55	28.92	0.364	7.35
	MW-5	4/15/2015	105	12:00	28.93	0.361	7.35
	MW-5	4/15/2015	130	12:05	28.94	0.362	7.36
	MW-5	4/15/2015	150	12:09	purge end time		
	MW-6	4/14/2015	5	10:08	27.77	0.574	6.92
	MW-6	4/14/2015	12	10:13	28.80	0.567	6.88
	MW-6	4/14/2015	20	10:18	29.10	0.513	6.92
	MW-6	4/14/2015	27	10:23	well went dry		
	MW-6	4/15/2015	30	10:21	29.19	0.474	6.85
	MW-6	4/15/2015	35	10:24	27.48	0.467	6.79
	MW-6	4/15/2015	38	10:26	purge end time		

Appendix G**2015 Field Data Summary****2015 Annual Monitoring Report - March 2016****Former Universal Propulsion Company, Inc. Facility**

Phoenix, Arizona

Design & Consultancy
for natural and
built assets

Quarter Sampled	Well ID	Date	Purge Volume (gallons) ^a	Time (HH:MM)	Temperature (°C)	Conductivity (ms/cm)	pH (SU)
Second Quarter 2015 (cont.)	MW-13	4/16/2015	50	10:38	29.42	0.421	7.26
	MW-13	4/16/2015	150	10:48	29.48	0.421	7.25
	MW-13	4/16/2015	270	11:00	29.53	0.420	7.25
	MW-13	4/16/2015	520	11:25	pump off to dump tank		
	MW-13	4/16/2015	620	11:58	29.50	0.424	7.23
	MW-13	4/16/2015	720	12:08	29.48	0.424	7.22
	MW-13	4/16/2015	770	12:13	29.50	0.424	7.22
	MW-13	4/16/2015	820	12:18	29.57	0.424	7.22
	MW-13	4/16/2015	860	12:22	purge end time		
	MW-19	4/16/2015	63	13:35	28.17	0.419	7.29
	MW-19	4/16/2015	125	13:40	28.29	0.429	7.30
	MW-19	4/16/2015	188	13:45	28.30	0.431	7.31
	MW-19	4/16/2015	250	13:50	28.31	0.430	7.32
	MW-19	4/16/2015	300	13:54	purge end time		
	MW-20	4/16/2015	60	12:50	28.57	0.479	7.04
	MW-20	4/16/2015	110	12:55	28.49	0.484	7.11
	MW-20	4/16/2015	160	13:00	28.50	0.487	7.15
	MW-20	4/16/2015	210	13:05	28.51	0.490	7.17
	MW-20	4/16/2015	260	13:10	28.51	0.492	7.18
	MW-20	4/16/2015	300	13:14	purge end time		
	MW-21	4/14/2015	58	12:05	28.99	0.369	7.02
	MW-21	4/14/2015	173	12:15	29.12	0.363	7.11
	MW-21	4/14/2015	230	12:20	29.12	0.362	7.12
	MW-21	4/14/2015	287	12:25	29.07	0.361	7.12
	MW-21	4/14/2015	345	12:30	29.08	0.361	7.12
	MW-21	4/14/2015	403	12:35	purge end time		
	MW-22	4/14/2015	13	11:00	27.33	0.388	7.38
	MW-22	4/14/2015	37	11:10	29.09	0.370	7.37
	MW-22	4/14/2015	50	11:15	29.35	0.371	7.43
	MW-22	4/14/2015	63	11:20	29.47	0.365	7.47
	MW-22	4/14/2015	75	11:25	29.51	0.364	7.39
	MW-22	4/14/2015	80	11:27	well went dry		
	MW-22	4/15/2015	95	11:05	27.48	0.365	7.35
	MW-22	4/15/2015	108	11:10	28.71	0.378	7.38
	MW-22	4/15/2015	113	11:12	purge end time		
	PW-1	4/14/2015	68	13:35	29.86	0.454	7.53
	PW-1	4/14/2015	203	13:45	29.74	0.438	7.58
	PW-1	4/14/2015	270	13:50	29.72	0.436	7.60
	PW-1	4/14/2015	337	13:55	29.67	0.437	7.62
	PW-1	4/14/2015	405	14:00	purge end time		

Appendix G

2015 Field Data Summary

2015 Annual Monitoring Report - March 2016

Former Universal Propulsion Company, Inc. Facility

Phoenix, Arizona

Design & Consultancy
for natural and
built assets

Quarter Sampled	Well ID	Date	Purge Volume (gallons) ^a	Time (HH:MM)	Temperature (°C)	Conductivity (ms/cm)	pH (SU)
Third Quarter 2015	MW-1	7/23/2015	29	15:00	28.99	0.391	7.38
	MW-1	7/23/2015	53	15:05	29.05	0.390	7.73
	MW-1	7/23/2015	77	15:10	29.09	0.387	7.46
	MW-1	7/23/2015	101	15:15	29.05	0.388	7.46
	MW-1	7/23/2015	125	15:20	29.10	0.388	7.47
	MW-1	7/23/2015	149	15:25	purge end time		
	MW-2	7/24/2015	34	10:55	28.48	0.433	7.54
	MW-2	7/24/2015	77	11:00	28.54	0.431	7.55
	MW-2	7/24/2015	120	11:05	28.52	0.430	7.55
	MW-2	7/24/2015	163	11:10	28.51	0.429	7.56
	MW-2	7/24/2015	206	11:15	28.52	0.429	7.56
	MW-2	7/24/2015	249	11:20	purge end time		
	MW-3	7/20/2015	20	13:32	29.46	0.315	7.55
	MW-3	7/20/2015	40	13:37	29.72	0.315	7.56
	MW-3	7/20/2015	60	13:42	29.91	0.318	7.58
	MW-3	7/20/2015	76	13:46	well went dry		
	MW-3	7/21/2015	89	12:55	29.18	0.322	7.71
	MW-3	7/21/2015	111	13:00	30.05	0.318	7.55
	MW-3	7/21/2015	129	13:04	purge end time		
	MW-4	7/20/2015	6	10:28	28.45	0.433	7.39
	MW-4	7/20/2015	11	10:33	28.32	0.433	7.35
	MW-4	7/20/2015	17	10:38	28.42	0.433	7.37
	MW-4	7/14/2014	22	10:40	well went dry		
	MW-4	7/15/2014	28	10:25	27.57	0.430	7.30
	MW-4	7/15/2014	30	10:27	purge end time		
	MW-5	7/23/2015	32	13:41	29.23	0.379	7.64
	MW-5	7/23/2015	64	13:46	29.29	0.375	7.66
	MW-5	7/23/2015	96	13:51	29.26	0.374	7.67
	MW-5	7/23/2015	128	13:56	29.06	0.374	7.65
	MW-5	7/23/2015	160	14:01	29.08	0.372	7.66
	MW-5	7/23/2015	179	14:04	purge end time		
	MW-6	7/20/2015	11	15:35	28.00	0.523	7.33
	MW-6	7/20/2015	15	15:38	28.92	0.519	7.36
	MW-6	7/20/2015	20	15:41	29.11	0.514	7.38
	MW-6	7/20/2015	24	15:44	29.28	0.565	7.40
	MW-6	7/20/2015	28	15:47	29.39	0.526	7.38
	MW-6	7/20/2015	30	15:48	well went dry		
	MW-6	7/21/2015	37	14:30	29.57	0.565	7.42
	MW-6	7/21/2015	40	14:32	purge end time		
	MW-7	7/17/2015	40	12:05	28.87	0.344	7.90
	MW-7	7/17/2015	97	12:15	29.05	0.343	7.91
	MW-7	7/17/2015	125	12:20	29.13	0.344	7.93
	MW-7	7/17/2015	154	12:25	28.95	0.343	7.90
	MW-7	7/17/2015	177	12:30	28.72	0.343	7.91
	MW-7	7/17/2015	201	12:35	28.82	0.343	7.91
	MW-7	7/17/2015	215	12:38	purge end time		

Appendix G

2015 Field Data Summary

2015 Annual Monitoring Report - March 2016

Former Universal Propulsion Company, Inc. Facility

Phoenix, Arizona

Design & Consultancy
for natural and
built assets

Quarter Sampled	Well ID	Date	Purge Volume (gallons) ^a	Time (HH:MM)	Temperature (°C)	Conductivity (ms/cm)	pH (SU)
Third Quarter 2015 (cont.)	MW-8	7/20/2015	4	12:45	29.06	0.211	8.68
	MW-8	7/20/2015	13	12:50	29.41	0.212	8.67
	MW-8	7/20/2015	23	12:55	29.61	0.217	8.87
	MW-8	7/20/2015	30	12:59	well went dry		
	MW-8	7/21/2015	40	12:15	28.89	0.224	8.65
	MW-8	7/21/2015	49	12:20	purge end time		
	MW-9	7/22/2015	28	10:30	28.92	0.443	7.36
	MW-9	7/22/2015	56	10:35	28.99	0.445	7.38
	MW-9	7/22/2015	84	10:40	29.01	0.445	7.40
	MW-9	7/22/2015	112	10:45	29.01	0.443	7.41
	MW-9	7/22/2015	140	10:50	28.99	0.441	7.42
	MW-9	7/22/2015	168	10:55	28.99	0.440	7.43
	MW-9	7/22/2015	196	11:00	29.04	0.439	7.44
	MW-9	7/22/2015	213	11:03	purge end time		
	MW-10	7/20/2015	13	15:00	29.00	0.369	7.49
	MW-10	7/20/2015	25	15:05	29.09	0.369	7.48
	MW-10	7/20/2015	37	15:10	29.29	0.370	7.54
	MW-10	7/20/2015	50	15:15	29.49	0.368	7.58
	MW-10	7/20/2015	55	15:17	well went dry		
	MW-10	7/21/2015	67	13:40	28.86	0.372	7.59
	MW-10	7/21/2015	80	13:45	29.34	0.372	7.58
	MW-10	7/21/2015	85	13:47	purge end time		
	MW-11	7/22/2015	40	16:10	29.06	0.619	7.41
	MW-11	7/22/2015	90	16:20	29.11	0.621	7.42
	MW-11	7/22/2015	115	16:25	29.11	0.622	7.42
	MW-11	7/22/2015	140	16:30	29.14	0.622	7.42
	MW-11	7/22/2015	165	16:35	29.18	0.622	7.42
	MW-11	7/22/2015	190	16:40	29.17	0.622	7.42
	MW-11	7/22/2015	215	16:45	29.15	0.621	7.42
	MW-11	7/22/2015	235	16:49	purge end time		
	MW-12	7/22/2015	72	13:43	29.12	0.437	7.31
	MW-12	7/22/2015	501	14:13	29.90	0.427	7.42
	MW-12	7/22/2015	529	14:15	pump off to dump tank		
	MW-12	7/22/2015	672	14:50	29.83	0.425	7.43
	MW-12	7/22/2015	815	15:00	29.84	0.424	7.42
	MW-12	7/22/2015	887	15:05	29.85	0.424	7.43
	MW-12	7/22/2015	930	15:08	purge end time		
	MW-13	7/24/2015	84	12:00	29.60	0.432	7.47
	MW-13	7/24/2015	294	12:20	29.66	0.434	7.51
	MW-13	7/24/2015	483	12:38	29.72	0.434	7.52
	MW-13	7/24/2015	504	12:40	pump off to dump tank		
	MW-13	7/24/2015	557	13:05	29.64	0.434	7.48
	MW-13	7/24/2015	662	13:15	29.71	0.435	7.50
	MW-13	7/24/2015	714	13:20	29.71	0.435	7.50
	MW-13	7/24/2015	766	13:25	29.73	0.435	7.50
	MW-13	7/24/2015	819	13:30	29.74	0.435	7.50
	MW-13	7/24/2015	850	13:33	purge end time		

Appendix G

2015 Field Data Summary

2015 Annual Monitoring Report - March 2016

Former Universal Propulsion Company, Inc. Facility

Phoenix, Arizona

Design & Consultancy
for natural and
built assets

Quarter Sampled	Well ID	Date	Purge Volume (gallons) ^a	Time (HH:MM)	Temperature (°C)	Conductivity (ms/cm)	pH (SU)
Third Quarter 2015 (cont.)	MW-14	7/20/2015	73	16:35	30.42	0.776	7.23
	MW-14	7/20/2015	138	16:50	30.69	0.778	7.25
	MW-14	7/20/2015	181	17:00	30.61	0.778	7.21
	MW-14	7/20/2015	224	17:10	31.78	0.783	7.24
	MW-14	7/20/2015	245	17:12			well went dry
	MW-14	7/21/2015	275	15:10	29.98	0.792	7.22
	MW-14	7/21/2015	318	15:20	29.94	0.791	7.21
	MW-14	7/21/2015	361	15:30	30.25	0.795	7.24
	MW-14	7/21/2015	374	15:33			purge end time
	MW-15	7/22/2015	36	11:30	29.09	0.472	7.30
	MW-15	7/22/2015	88	11:40	29.18	0.471	7.34
	MW-15	7/22/2015	140	11:50	29.28	0.473	7.35
	MW-15	7/22/2015	166	11:55	29.32	0.474	7.35
	MW-15	7/22/2015	192	12:00	29.33	0.475	7.34
	MW-15	7/22/2015	218	12:05	29.37	0.475	7.35
	MW-15	7/22/2015	239	12:09			purge end time
	MW-16	7/17/2015	103	15:30	29.91	0.487	7.48
	MW-16	7/17/2015	221	15:45	30.54	0.488	7.74
	MW-16	7/17/2015	340	16:00	30.74	0.490	7.56
	MW-16	7/17/2015	458	16:15	30.77	0.493	7.56
	MW-16	7/17/2015	537	16:25			pump off to dump tank
	MW-16	7/17/2015	616	17:10	30.16	0.492	7.54
	MW-16	7/17/2015	695	17:20	30.28	0.493	7.55
	MW-16	7/17/2015	774	17:30	30.46	0.492	7.55
	MW-16	7/17/2015	853	17:40	30.52	0.491	7.56
	MW-16	7/17/2015	893	17:45	30.52	0.491	7.56
	MW-16	7/17/2015	932	17:50	30.52	0.491	7.55
	MW-16	7/17/2015	972	17:55	30.51	0.490	7.55
	MW-16	7/17/2015	1003	17:59			purge end time
	MW-17	7/17/2015	56	13:15	29.36	0.354	7.75
	MW-17	7/17/2015	103	13:25	29.50	0.346	7.80
	MW-17	7/17/2015	127	13:30	29.51	0.344	7.83
	MW-17	7/17/2015	150	13:35	29.55	0.348	7.83
	MW-17	7/17/2015	174	13:40	29.61	0.347	7.85
	MW-17	7/17/2015	197	13:45	29.60	0.344	7.87
	MW-17	7/17/2015	212	13:48			purge end time
	MW-18	7/20/2015	21	12:05	29.20	0.395	7.80
	MW-18	7/20/2015	48	12:10	29.24	0.395	7.74
	MW-18	7/20/2015	74	12:15	29.39	0.400	7.89
	MW-18	7/20/2015	101	12:20			well went dry
	MW-18	7/21/2015	127	11:40	28.00	0.397	8.05
	MW-18	7/21/2015	143	11:43			purge end time
	MW-19	7/24/2015	61	14:25	28.79	0.429	7.63
	MW-19	7/24/2015	122	14:30	28.83	0.436	7.62
	MW-19	7/24/2015	183	14:35	28.99	0.439	7.63
	MW-19	7/24/2015	244	14:40	28.90	0.440	7.62
	MW-19	7/24/2015	281	14:43			purge end time

Appendix G

2015 Field Data Summary

2015 Annual Monitoring Report - March 2016

Former Universal Propulsion Company, Inc. Facility

Phoenix, Arizona



Design & Consultancy
for natural and
built assets

Quarter Sampled	Well ID	Date	Purge Volume (gallons) ^a	Time (HH:MM)	Temperature (°C)	Conductivity (ms/cm)	pH (SU)
Third Quarter 2015 (cont.)	MW-20	7/24/2015	61	13:52	28.78	0.492	7.37
	MW-20	7/24/2015	122	13:57	28.67	0.494	7.45
	MW-20	7/24/2015	183	14:02	28.65	0.497	7.48
	MW-20	7/24/2015	244	14:07	28.73	0.500	7.50
	MW-20	7/24/2015	281	14:10	purge end time		
	MW-21	7/23/2015	79	12:57	28.49	0.369	7.35
	MW-21	7/23/2015	157	13:02	28.53	0.368	7.40
	MW-21	7/23/2015	236	13:07	28.53	0.368	7.41
	MW-21	7/23/2015	314	13:12	28.53	0.369	7.42
	MW-21	7/23/2015	330	13:13	purge end time		
	MW-22	7/20/2015	10	11:10	27.74	0.387	7.77
	MW-22	7/20/2015	20	11:15	28.93	0.372	7.69
	MW-22	7/20/2015	30	11:20	29.52	0.374	7.73
	MW-22	7/20/2015	40	11:25	29.60	0.371	7.82
	MW-22	7/20/2015	50	11:30	29.70	0.367	7.78
	MW-22	7/20/2015	52	11:31	well went dry		
	MW-22	7/21/2015	62	10:53	27.92	0.377	7.66
	MW-22	7/21/2015	68	10:56	purge end time		
	PW-1	7/23/2015	94	10:15	29.69	0.462	7.78
	PW-1	7/23/2015	152	10:20	29.28	0.446	7.81
	PW-1	7/23/2015	211	10:25	29.25	0.445	7.85
	PW-1	7/23/2015	269	10:30	29.25	0.447	7.85
	PW-1	7/23/2015	328	10:35	29.25	0.448	7.85
	PW-1	7/23/2015	386	10:40	29.26	0.451	7.83
	PW-1	7/23/2015	480	10:48	purge end time		
Fourth Quarter 2015	MW-1	10/14/2015	26	17:15	28.93	0.425	7.24
	MW-1	10/14/2015	52	17:20	29.01	0.425	7.39
	MW-1	10/14/2015	78	17:25	29.01	0.423	7.43
	MW-1	10/14/2015	104	17:30	29.00	0.423	7.43
	MW-1	10/14/2015	130	17:35	28.93	0.422	7.43
	MW-1	10/14/2015	156	17:40	purge end time		
	MW-2	10/15/2015	62	13:05	28.91	0.467	7.47
	MW-2	10/15/2015	106	13:10	28.98	0.466	7.52
	MW-2	10/15/2015	150	13:15	29.00	0.464	7.55
	MW-2	10/15/2015	194	13:20	28.88	0.464	7.54
	MW-2	10/15/2015	220	13:23	purge end time		
	MW-5	10/14/2015	42	16:30	29.04	0.407	7.53
	MW-5	10/14/2015	72	16:35	29.03	0.406	7.58
	MW-5	10/14/2015	102	16:40	29.01	0.404	7.59
	MW-5	10/14/2015	132	16:45	29.06	0.403	7.61
	MW-5	10/14/2015	162	16:50	29.00	0.403	7.62
	MW-5	10/14/2015	180	16:53	purge end time		
	MW-6	10/14/2015	12	13:35	29.36	0.539	7.08
	MW-6	10/14/2015	23	13:40	29.72	0.583	7.24
	MW-6	10/14/2015	30	13:43	well went dry		
	MW-6	10/15/2015	41	12:40	29.34	0.561	7.12
	MW-6	10/15/2015	51	12:44	purge end time		

Appendix G

2015 Field Data Summary

2015 Annual Monitoring Report - March 2016

Former Universal Propulsion Company, Inc. Facility

Phoenix, Arizona



Design & Consultancy
for natural and
built assets

Quarter Sampled	Well ID	Date	Purge Volume (gallons) ^a	Time (HH:MM)	Temperature (°C)	Conductivity (ms/cm)	pH (SU)
Fourth Quarter 2015 (cont.)	MW-13	10/15/2015	109	14:00	29.80	0.467	7.47
	MW-13	10/15/2015	272	14:15	29.96	0.472	7.49
	MW-13	10/15/2015	436	14:30	30.01	0.469	7.51
	MW-13	10/15/2015	436	14:30	pump off to dump tank		
	MW-13	10/15/2015	545	15:05	29.78	0.471	7.47
	MW-13	10/15/2015	654	15:15	29.77	0.471	7.48
	MW-13	10/15/2015	763	15:25	29.77	0.470	7.48
	MW-13	10/15/2015	818	15:30	29.75	0.470	7.48
	MW-13	10/15/2015	850	15:33	purge end time		
	MW-19	10/15/2015	99	17:15	28.88	0.467	7.56
	MW-19	10/15/2015	161	17:20	28.86	0.469	7.58
	MW-19	10/15/2015	223	17:25	28.84	0.473	7.60
	MW-19	10/15/2015	260	17:28	purge end time		
	MW-20	10/15/2015	73	16:15	28.72	0.530	7.29
	MW-20	10/15/2015	134	16:20	28.70	0.533	7.41
	MW-20	10/15/2015	195	16:25	28.76	0.538	7.44
	MW-20	10/15/2015	256	16:30	28.76	0.541	7.46
	MW-20	10/15/2015	317	16:35	28.76	0.540	7.46
	MW-20	10/15/2015	329	16:36	purge end time		
	MW-21	10/14/2015	59	14:13	29.56	0.406	7.06
	MW-21	10/14/2015	118	14:18	29.62	0.410	7.30
	MW-21	10/14/2015	177	14:23	29.58	0.400	7.41
	MW-21	10/14/2015	236	14:28	29.63	0.400	7.40
	MW-21	10/14/2015	295	14:33	29.65	0.400	7.43
	MW-21	10/14/2015	330	14:36	purge end time		
	MW-22	10/14/2015	8	12:50	28.71	0.413	7.59
	MW-22	10/14/2015	18	12:55	29.49	0.404	7.49
	MW-22	10/14/2015	28	13:00	30.36	0.406	7.66
	MW-22	10/14/2015	38	13:05	30.42	0.400	7.77
	MW-22	10/14/2015	48	13:10	30.41	0.399	7.70
	MW-22	10/14/2015	50	13:11	well went dry		
	MW-22	10/15/2015	60	12:13	29.34	0.405	7.36
	MW-22	10/15/2015	70	12:18	purge end time		
	PW-1	10/14/2015	98	15:25	29.87	0.502	7.75
	PW-1	10/14/2015	238	15:35	29.73	0.483	7.89
	PW-1	10/14/2015	308	15:40	29.69	0.484	7.90
	PW-1	10/14/2015	378	15:45	29.70	0.485	7.90
	PW-1	10/14/2015	420	15:48	purge end time		

Notes:

^a = Approximate calculated purge volumes

HH:MM = Hour:Minute

°C = Degrees Celsius

ms/cm = millisiemens per centimeter

nm = not measured

SU = Standard unit

APPENDIX H

2015 Data Verification Summaries (on CD located on back cover)

APPENDIX I

2015 Laboratory Reports (on CD located on back cover)

