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March 21, 2016

Mr. Justin Ball
New Mexico Environment Department
Ground Water Quality Bureau
Remediation Oversight Section
121 Tijeras Ave. NE, Suite 1000
Albuquerque, New Mexico 87102

Dear Mr. Ball:

On behalf of Laun-Dry Supply Company, EA Engineering, Science, and Technology, Inc., PBC is submitting the Supplemental Final Site Investigation Report for Laun-Dry Supply Company located at 1503 12th Street, Albuquerque, New Mexico. This report compiles remaining site investigation data to address data gaps as specified in the Notice of Deficiency issued by the New Mexico Environment Department on April 25, 2013.

Please let me know if you have any questions regarding the information provided in this report.

Sincerely,

Teri McMillan
Project Manager

Jay Snyder
Senior Hydrogeologist

Enclosure

Cc: Dan March, Laun-Dry Supply Company
Peter V. Domenici, Jr., Esquire, Domenici Law Firm
File

EA Engineering, Science, and Technology, Inc., PBC

SUPPLEMENTAL FINAL SITE INVESTIGATION REPORT AND SEMI-ANNUAL GROUNDWATER MONITORING REPORT LAUN-DRY SUPPLY COMPANY 1503 12TH STREET NW ALBUQUERQUE, NEW MEXICO

Prepared for:

Laun-Dry Supply Company
1503 12th Street NW
Albuquerque, New Mexico

Prepared by:

EA Engineering, Science,
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320 Gold Avenue SW, Suite 1300
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March 2016

EA Project No. 1506901.10

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Supplemental Final Site Investigation Report and Semi-Annual Groundwater Monitoring Report

Laun-Dry Supply Company
1503 12th Street NW
Albuquerque, New Mexico

Prepared for:

Laun-Dry Supply Company
1503 12th Street NW
Albuquerque, New Mexico

Prepared by:

EA Engineering, Science,
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Albuquerque, New Mexico

3/21/2016

Teri McMillan
Project Manager

Date

3/21/2016

Jay Snyder
Senior Hydrogeologist

Date

March 2016

TABLE OF CONTENTS

Section *Page*

1.0 INTRODUCTION 1
- 1.1 Site Description 1
- 1.2 Objective and Report Organization 1
- 1.3 Site History and Chronology 2

2.0 FIELD ACTIVITIES 5
- 2.1 January 2016 Semi-Annual Groundwater Monitoring Event 5
- 2.2 Passive Soil Gas Survey 7
- 2.3 *In-Situ* Groundwater Treatment Pilot Tests 7
- 2.4 Vapor Intrusion Assessment 7
- 2.5 Semi-Annual SVE System Operation and Maintenance 7

3.0 SUMMARY OF INVESTIGATION AND SEMI-ANNUAL MONITORING RESULTS 9
- 3.1 January 2016 Semi-Annual Water Level Gauging Data 9
- 3.2 January 2016 Semi-Annual Groundwater Analytical Data 9
- 3.3 Passive Soil Gas Survey Results 11
- 3.4 *In Situ* Groundwater Treatment Pilot Tests Results 11
- 3.5 Vapor Intrusion Assessment Findings 12
- 3.6 SVE Pilot Test System Performance 12

4.0 STAGE 1 ABATEMENT PLAN REQUIREMENTS MET 14
- 4.1 Section 4106 Requirements Met 14
- 4.2 Notice of Deficiency Requirements Met 15
- 4.3 Data Gaps Reconciled 16
- 4.4 Vapor Intrusion Pathway Analyzed 17

5.0 CONCLUSION AND RECOMMENDATIONS 18

6.0 REFERENCES 19

LIST OF TABLES

Table 1 Well Construction Details
Table 2 Summary of Monitoring Well Fluid Gauging Data
Table 3 Summary of Sample Method and Analysis
Table 4 Summary of Groundwater Field Parameters
Table 5 Summary of Sample Analytical and Quality Control Requirements
Table 6 Summary of Organic Groundwater Analytical Results
Table 7 Pilot Test Operation Tasks
Table 8 Pilot Test System Performance
Table 9 Pilot Test System Mass Removal

LIST OF FIGURES

Figure 1 Site Location Map
Figure 2 Laun-Dry Site Map with Monitoring Well Network
Figure 3 Potentiometric Surface Map- January 2016
Figure 4 PCE Groundwater Analytical Results – January 2016
Figure 5 TCE Groundwater Analytical Results – January 2016
Figure 6 *cis* 1,2-DCE Groundwater Analytical Results – January 2016
Figure 7 *trans* 1,2-DCE Groundwater Analytical Results – January 2016

LIST OF APPENDICES (*PROVIDED ELECTRONICALLY ON CD)

Appendix A Field Forms*
Appendix B Well Hydrographs
Appendix C Analytical Laboratory Reports*
Appendix D Groundwater Concentration Trends
Appendix E Soil Vapor Extraction Trends

LIST OF ATTACHMENTS (PROVIDED ELECTRONICALLY ON CD)

Attachment 1 Passive Soil Gas Survey
Attachment 2 In-Situ Groundwater Treatment Pilot Test 1-Year Results
Attachment 3 Vapor Intrusion and Indoor Air Assessment

1.0 INTRODUCTION

On behalf of Laun-Dry Supply Company (Laun-Dry), EA Engineering, Science, and Technology, Inc., PBC (EA) has prepared this Supplemental Final Site Investigation Report and Semi-Annual Groundwater Monitoring Report for Laun-Dry located at 1503 12th Street NW, Albuquerque, New Mexico. The report was completed in accordance with the *Additional Site Investigation Work Plan* dated June 4, 2014 (EA 2014) and approved by the New Mexico Environment Department (NMED) on June 27, 2014.

The completion of the work outlined in this Supplemental Final Site Investigation Report completes the requirements of Stage 1 Abatement as outlined in the Section 20.6.2.4106.C. 1 through 7 of the New Mexico Administrative Code (NMAC), the Notice of Deficiency (NOD) issued by NMED on April 25, 2013 and the Additional Site Investigation Work Plan dated June 4, 2014 submitted to address the data gaps listed in the Final Site Investigation Report dated December 2013.

1.1 Site Description

The Laun-Dry facility is located on the northwest corner of 12th Street NW and Aspen Avenue NW in Albuquerque, New Mexico (Figure 1). The Laun-Dry property is approximately 0.5 acre with one building. A railroad spur forms the northwest boundary of the property. The property was developed in approximately 1959 and has been used as a laundry and dry cleaning supply distribution facility. In 1981 an addition was added to the northern portion of the building. There were two above ground storage tanks (ASTs), one 3,500 gallon and one 500 gallon, at Laun-Dry that had contained tetrachloroethene (PCE) (Kleinfelder 2003a). The 3,500 gallon AST was located on the loading dock on the west side of the property and used until late 2002. The location of the 500 gallon AST when it was in use is unknown.

1.2 Objective and Report Organization

The objectives of this Supplemental Final Site Investigation Report are to summarize the *in situ* groundwater treatment pilot test, summarize results of the passive soil gas (PSG) survey, summarize results of the vapor intrusion (VI) assessment, and summarize semi-annual groundwater monitoring activities. This report has been divided into the following Sections:

- Section 1.0 – Introduction
    - 1.1 – Site Description
    - 1.2 – Objective and Report Organization
    - 1.3 – Site History and Chronology
- Section 2.0 – Field Activities
    - 2.1 – January 2016 Semi-Annual Groundwater Monitoring Event
    - 2.2 – Passive Soil Gas Survey
    - 2.3 – *In Situ* Groundwater Treatment Pilot Tests
    - 2.4 – Vapor Intrusion Assessment
    - 2.5 – Semi-Annual SVE Operation and Maintenance

- Section 3.0 - Summary of Investigation and Semi-Annual Monitoring Results
    - 3.1 – January 2016 Semi-Annual Water Level Gauging Data
    - 3.2 – January 2016 Semi-Annual Groundwater Analytical Data
    - 3.3 – Passive Soil Gas Survey Results
    - 3.4 – *In Situ* Groundwater Treatment Pilot Tests Results
    - 3.5 – Vapor Intrusion Assessment Findings
    - 3.6 – SVE Pilot Test System Performance
- Section 4.0 - Stage 1 Abatement Plan Requirements Met
    - 4.1 – Section 4106 Requirements Met
    - 4.2 – Notice of Deficiency Requirements Met
    - 4.3 – Data Gaps Reconciled
- Section 5.0 – Conclusions and Recommendations
- Section 6.0 – References

Figures and Tables are provided at the end of Section 6.0, followed by the Appendices listed below.

- Appendix A Field Forms
- Appendix B Well Hydrographs
- Appendix C Analytical Laboratory Reports
- Appendix D Groundwater Concentration Trends
- Appendix E SVE Trends

1.3 Site History and Chronology

In the 1990's three leaking underground storage tank (LUST) sites were being investigated in the general area of 4th Street and Haines Avenue NW in Albuquerque, New Mexico, approximately 4,000 feet east of Laun-Dry. The three sites were the City of Albuquerque 4th Street Yard located at 4th Street and Aspen, Brewer Oil Gascard Facility located at 306 Haines Street, and Creamland Dairies located at 1911 2nd Street. During the investigation activities at the LUST sites, chlorinated solvents were detected in groundwater. As a result, in 2000 a Preliminary Assessment was conducted by the NMED Ground Water Quality Bureau (GWQB) Superfund Oversight Section to determine the source of the chlorinated solvents. As part of the Assessment, NMED conducted a subsurface soil vapor survey, installed six monitoring wells, and sampled existing monitoring wells within the area of 4th Street and Haines Ave. The Preliminary Assessment did not determine the source of the chlorinated solvents (NMED 2001).

In December 2002, the NMED GWQB installed a soil vapor probe adjacent to the western loading dock at Laun-Dry (Kleinfelder 2003a). Analytical results from the soil vapor probe indicated that elevated concentrations of PCE and trichloroethene (TCE) were present. As a result, Kleinfelder performed a Phase II Limited Site Assessment at Laun-Dry and three monitoring wells were installed (Kleinfelder 2003b). Analytical results from the subsurface investigation indicated that elevated concentrations of PCE and TCE were present in soil and groundwater. Groundwater concentrations were above the New Mexico Water Quality Control Commission (NMWQCC) standards. As a result of this investigation, in February 2004 the NMED requested that Laun-Dry complete a Stage 1 Abatement Plan to define the extent of

groundwater contamination.

From 2003 through 2016, several phases of investigations were conducted at and around Laun-Dry to delineate the extent of the contamination. These investigations included the installation of 29 monitoring/observation wells, 3 monitoring/vapor wells, 3 SVE wells, and 26 borings. Semi-annual groundwater monitoring is currently being conducted at the Laun-Dry monitoring wells and several other monitoring wells in the vicinity of the site, including wells at Bureau of Indian Affairs (BIA), Brewer Gascard, City of Albuquerque 4th Street Yard, Childers Manufacturing, former Ray's Automotive and Machine Shop, National Instrument Services, and the aforementioned wells installed by GWQB Superfund Oversight Section (Figure 2).

A summary of investigation activities, abatement plans, and reports for Laun-Dry that comprise Stage 1 Abatement Plan is provided below.

CHRONOLOGY OF INVESTIGATION ACTIVITIES

Date	Event
July 2003	Phase I Environmental Site Assessment
November 2003	Phase II Limited Subsurface Site Assessment - Three monitoring wells (MW-1 through MW-3) were installed.
September 2004	GORE™ Soil Gas Survey for Site Assessment and Monitoring Final Report – Fifteen gore sorbers were installed at and in the near vicinity of the site.
August 2005	Phase 2, Stage 1 Abatement Plan Investigation – Three wells (MW-4 through MW-6) were installed.
May 2006	Stage 1 Abatement Plan
June 2006	Revised Stage 1 Abatement Plan
September 2006	Phase 2, Stage 1 Abatement Plan Semi - Annual Groundwater Monitoring Report for Wells Sampled 8/21/06
September 2006	Stage 1 Abatement Plan Vadose Zone Investigation - Six direct push borings (GP-1 through GP-6) were advanced at the Laun-Dry site soil samples, vapor samples and grab groundwater samples were collected.
June 2007	Phase 2, Stage 1Abatement Plan Investigation and Semi-Annual Groundwater Monitoring Report - Seven water table monitoring wells (MW-8 through MW-15) and two deep monitoring wells (MW-14D and MW-15D) were installed.
February 2008	Phase 2, Stage 1 Abatement Plan Semi-Annual Groundwater Monitoring Report
September 2008	Phase 2, Stage 1 Abatement Plan Semi-Annual Groundwater Monitoring Report
April 2009	Phase 2, Stage 1 Abatement Plan Semi-Annual Groundwater Monitoring Report
October 2009	Phase 2, Stage 1 Abatement Plan Semi-Annual Groundwater Monitoring Report
June 2010	Laun-Dry Stage 1 Abatement Plan Phase 6 Quality Assurance Project Plan
December 2010	Phase 6, Stage 1 Abatement Plan Investigation Report Geoprobe Soil

CHRONOLOGY OF INVESTIGATION ACTIVITIES

Date	Event
(Revised February 2011 and June 2011)	Vapor Survey – Twenty direct push borings (G1 through G20) were advanced within the plume area at off-site locations. Soil was field screened and grab groundwater samples were collected.
May 2011	Phase II Stage I Abatement Plan Semi -Annual Groundwater Monitoring
June 2011 (Revised September 2011)	Phase 6, Stage 1 Abatement Plan Proposed Task 2 Work Plan
June 2012	Phase 6, Stage 1 Abatement Plan Final Investigation Report Task 2 Monitoring Well Installation and Semi-Annual Groundwater Sampling - Eight water table monitoring wells (MW-6A through MW-6HS) and one deep well (MW-6HD) were installed.
December 2012	Semi -Annual Groundwater Monitoring Report
June 2013	Semi -Annual Groundwater Monitoring Report
December 2013	Final Site Investigation Report - Summarizing current and past activities. Installation of soil vapor extraction wells, completing pump tests, water well inventory and well survey.
June 2014	Additional Site Investigation Work Plan
July 2014	Semi -Annual Groundwater Monitoring Report
June 2015	Additional Site Investigation and Semi-Annual Monitoring Report - Plume delineation with the installation of wells MW-16 through MW-19 and injection associated with *in-situ* groundwater treatment pilot test.
September 2015	Semi -Annual Groundwater Monitoring Report
October 2015	Passive Soil Gas Survey Report
November 2015	Work Plan and Addendum of Sampling and Analysis Plan for Vapor Intrusion and Indoor Air Assessment
February 2016	Vapor Intrusion Assessment
March 2016	*In-Situ* Groundwater Treatment Pilot Test 1-Year Results Report
March 2016	Supplemental Final Site Investigation Report and Semi-Annual Groundwater Monitoring Report (contained herein)

2.0 FIELD ACTIVITIES

This Supplemental Final Site Investigation Report summarizes the following field activities:

- January 2016, semi-annual groundwater monitoring;
- PSG survey;
- In situ groundwater treatment pilot test;
- VI assessment; and
- Semi-annual SVE system operation and maintenance, and;

2.1 January 2016 Semi-Annual Groundwater Monitoring Event

The groundwater monitoring network consists of thirty five wells that are associated with Laun-Dry that include twenty-six monitoring wells, three monitoring/vapor wells, three SVE wells and three observation wells (Figures 1 and 2). In addition to the Laun-Dry monitoring wells, there are eighteen monitoring wells associated with other sites that have been incorporated into the Laun-Dry monitoring and sampling network. These wells are as follows:

- Bureau of Indian Affairs (BIA) monitoring wells BIA MW-1, BIA MW-3 and New BIA-E MW;
- Brewer Gascard PSTB state-lead site monitoring wells BG-BMW-12 and BG-BMW-8;
- Childers Manufacturing monitoring well CHMW-East;
- National Instrument Services monitoring well NI-MW-2;
- Ray's Automotive monitoring wells RayMar-W and RayMar-E;
- City of Albuquerque 4th Street Yard monitoring well CA-FSY-14;
- GWQB Superfund Oversight Section monitoring wells MW-4H-01, MW-4H-02, MW-4H-04, and MW-4H-06;
- Mount Calvary Cemetery wells North Well and South Well; and
- City of Albuquerque Santa Barbara Martinez wells SBM-1 and SBM-2.

Well construction details including the installation date, casing diameter, top of casing elevation and screen intervals are provided in Table 1.

A site wide gauging event was conducted on January 13, 2016 during which 47 wells were gauged with an electronic water level indicator. Wells SBM-1 and SBM-2 were gauged on January 14, 2016 when access was provided by the City of Albuquerque, and well MW-6G was gauged on January 15, 2016 when access was provided by the property tenant. Table 2 provides a summary of the groundwater gauging data collected from the monitoring network including historical data. A potentiometric surface map (Figure 3) was constructed based on the most recent data.

From January 13 through 20, 2016, fifty (50) monitoring wells listed below were sampled.

MW-1	MW-2	MW-3	MW-4	MW-5	MW-6
MW- 6A	MW-6B	MW-6C	MW-6D	MW-6E	MW-6F
MW-6G	MW-6HS	MW-6HD	MW-8	MW-9	MW-10
MW-11	MW-12	MW-14S	MW-14D	MW-15S	MW-15D
MW-16	MW-17	MW-18S	MW-18D	MW-19	BIA-MW-3
New BIA MW- East	BG-BMW-8	BG-BMW-12	CA-FSY-14	CHMW-E	MW-4H-01
MW-4H-02	MW-4H-04	MW-4H-06	NI-MW-2	RayMar-W	RayMar-E
SBM-1	SBM-2	SVE-1	SVE-2	SVE-3	OB-1
OB-2	OB-3				

Wells were sampled using either disposable bailers and new disposable rope or twine, or were sampled using the low flow sampling method using a decontaminated submersible pump and new disposable tubing. The low flow sampling method was used on wells with two screen intervals, deep wells, and wells that are part of the *in situ* groundwater treatment pilot test sampling network. Sampling method and analysis conducted for each well sampled is provided in Table 3.

All monitoring wells were purged of three well volumes to the extent possible without bailing dry prior to sample collection, except for wells which were sampled utilizing low-flow method. During purging, EA measured and recorded on sampling field forms field parameters (specific conductance, pH, dissolved oxygen (DO), and temperature) with an Oakton or YSI water quality meter and an YSI DO meter. Table 4 summarizes the field parameter measurements. The meters were calibrated and/or checked against a standard in accordance with manufacturer's specifications prior to use. Purge water from the wells that did not exceed NMWQCC standards during the last sampling event (June/July 2015) was ground discharged. Purge water from wells that did exceed NMWQCC standards and decontamination water was placed in a polyethylene tank located at the Laun-Dry facility, where the water will be pumped through a 55-gallon granular activated carbon drum and then ground discharged.

Groundwater samples were collected immediately after purging by carefully pouring groundwater from the bailer into the sample containers provided by Hall Environmental Analysis Laboratory (HEAL). Samples that were collected utilizing the low-flow method were collected immediately after purging by carefully filling the sample containers from the clean, one-time-use tubing. Sample containers, preservatives, analytical methods, and holding times are specified in Table 5. All samples were preserved in accordance with method requirements, labeled, then immediately cooled to <6°C with ice and delivered under chain-of-custody to HEAL in Albuquerque, New Mexico. Wells were sampled from clean to dirty to the extent possible. All equipment was decontaminated between wells with an Alconox™ solution to further ensure sample quality. Copies of field forms are included in Appendix A. Analytical results are summarized in Table 6.

2.2 Passive Soil Gas Survey

On July 30 and 31, 2015, PSG samplers were deployed along the railroad spur at Laun-Dry and east of the Laun-Dry facility along the railroad tracks, near 5th Street and Haines Ave., and at select locations dependent upon business use along 2nd Street and 1st Street. On August 20, 2015, approximately 3 weeks after deployment, all 50 PSG samplers were retrieved and submitted under chain-of-custody to Beacon Environmental Services, Inc. (Beacon) for analysis of VOCs including PCE and TCE by EPA Method 8260C. A summary of the PSG survey is presented in Attachment 1.

2.3 *In-Situ* Groundwater Treatment Pilot Tests

The *in-situ* groundwater treatment pilot tests were completed by injecting three different amendments by direct push methods to enhance reductive dechlorination (RDC) in the aquifer at the Site. The amendments injected were Wilclear Plus® lactate with Accelerite® at Injection Location 1, EHC-L® at Injection Location 2, and EHC-L® and powdered activated carbon (PAC) at Injection Location 3. A discussion regarding the injection process is provided in the Additional Site Investigation and Semi-Annual Groundwater Monitoring Report dated June 3, 2015. A summary of the post-injection sampling events is provided in the *In-situ* Groundwater Treatment Pilot Test 1- Year Results Letter Report that is provided as Attachment 2.

Four post-injection sampling events were conducted at approximately 1, 3, 6 and 12 months using the low flow sampling method. Accordingly, sampling was conducted on February 25, 2015, April 23, 2015, July 22, 2015, and January 20, 2016, respectively. The analytical suite sampled is listed on Table 1 of Attachment 2 and field forms are included in Attachment 2.

2.4 Vapor Intrusion Assessment

The VI assessment was completed to assess the vapor intrusion pathway at residential properties located east of Laun-Dry in the vicinity of 8th Street, 7th Street, Hannett Avenue, and Aspen Avenue. In order to assess the vapor intrusion pathway, EA conducted sub-slab or crawl-space air, indoor air, and outdoor ambient air sampling.

On December 21 and 22, 2015, NMED and EA canvassed the residential area west of Laun-Dry in the vicinity of 8th Street, Hannett Avenue, Aspen Avenue and 7th Street to obtain permission to conduct the VI assessment. During the month of January 2016, NMED continued to obtain access. Access was obtained from three of the fourteen properties contacted to conduct the VI assessment. The three residential properties that provided access are located at 1715 7th Street NW, 1825 8th Street NW, and 900 Hannett Avenue NW.

On February 3 through 5, 2016, EA completed the field activities associated with the VI assessment. Field activities and results are provided in the Vapor Intrusion and Indoor Air Assessment Report provided in Attachment 3.

2.5 Semi-Annual SVE System Operation and Maintenance

A soil vapor extraction (SVE) pilot test is being conducted at Laun-Dry using four wells: three

SVE wells installed by EA in September 2013 (SVE-1, SVE-2 and SVE-3) and one existing monitoring well, MW-6B (Figure 1). The SVE system was operated intermittently to allow for contaminant rebound. The periods of system operation occurred from August 3, 2015 through September 4, 2015 and from September 24, 2015 through December 1, 2015.

Routine tasks conducted in the operation of the SVE Pilot Test are outlined in Table 7. All field data sheets from operation and maintenance (O&M) visits are included in Appendix A, and the system flow rates and photoionization detector measurements are summarized in Table 8.

3.0 SUMMARY OF INVESTIGATION AND SEMI-ANNUAL MONITORING RESULTS

Summarized below are the results of the January 2016 semi-annual monitoring event, PSG survey, *in-situ* groundwater treatment pilot tests, VI assessment and the SVE system performance. The PSG survey, *in-situ* groundwater treatment pilot test and the VI assessment reports are included as Attachments 1, 2 and 3, respectively.

3.1 January 2016 Semi-Annual Water Level Gauging Data

Depth to water at Laun-Dry and vicinity ranges from approximately 26 feet below ground surface (bgs) in well MW-16 located upgradient of Laun-Dry to approximately 86 feet bgs in SBM wells which are the furthest downgradient wells. Groundwater elevation generally rose when compared to the previous event conducted in June/July 2015. Gauging data indicate that water levels were lowest in 2009 and since then have been rising at a rate of approximately 1.5 feet per year. The groundwater flow direction is toward the east, and the hydraulic gradient is approximately 0.004 foot per foot. A potentiometric surface map based on January 2016 well gauging is provided as Figure 3. As indicated by the contours, the potentiometric surface is relatively uniform. Hydrographs for the Laun-Dry monitoring wells are included in Appendix B. Table 2 summarizes historic gauging data.

3.2 January 2016 Semi-Annual Groundwater Analytical Data

PCE and daughter products TCE, c*is*1,2-dichloroethene (*cis*1,2-DCE), *trans*1,2- dichloroethene (*trans* 1,2-DCE), and MTBE are present in groundwater at the site. Groundwater analytical data have been collected from monitoring wells at the site and other sites in the area from 2003 through 2016. The January 2016 PCE, TCE, *cis*1,2-DCE and *trans* 1,2-DCE groundwater concentration maps are provided as Figures 5, 6, 7 and 8. A summary of historic groundwater analytical results is provided in Table 6. Analytical laboratory results are provided in Appendix C. Concentration trends are provided in Appendix D.

3.2.1 PCE

During this sampling event, PCE concentrations were above the NMWQCC standard of 20 micrograms per liter (µg/L) in groundwater samples collected from 7 wells (MW-2, MW-3, MW-4, MW-5, MW-6B, OB-2, and SVE-1). Wells that exceeded the PCE standard are located at Laun-Dry and extend downgradient approximately 1,100 feet past well MW-5. January 2016 PCE concentrations across the site range from <1.0 µg/L in cross-gradient delineating wells to 190 µg/L in well SVE-1 north of the Laun-Dry building (Figure 5). The upgradient extent of the PCE plume is defined by well MW-16.

PCE concentrations in groundwater, when compared to the previous monitoring event in June/July 2015, increased in wells MW-3, MW-5, MW-6B, MW-17 and SVE-2. The largest increase was seen in well MW-6B which increased from 30 µg/L in July 2015 to 110 µg/L this event; however, it is important to note current concentrations in well MW-6B are much lower than historic levels. PCE concentrations either decreased or remained relatively unchanged in all

other wells sampled. In general, PCE concentrations continue to decline in the wells located at the Laun-Dry facility in close proximity to the SVE system and in areas where the *in-situ* groundwater treatment pilot test was conducted. The largest decrease was seen in well OB-2 which decreased from 130 µg/L in July 2015 to 28 µg/L this event.

Concentration trend plots were prepared for PCE for select wells within the Laun-Dry area, medial and distal portions of the plume and are provided in Appendix D. Laun-Dry area PCE concentration trends appear variable in most wells, but from the start of the SVE system, concentrations have decreased as shown on the trend graph. In the medial portion of the plume, PCE concentrations appear to be relatively stable with the exception of well MW-5, which appears variable. The PCE concentrations within the distal portion of the plume are all below the NMWQCC standard with variable concentrations through time.

3.2.2 TCE

During this sampling event, TCE concentrations were above the NMWQCC standard of 100 µg/L in groundwater samples collected from 15 wells (MW-4, MW-5, MW-6E, MW-6H-S, MW-6H-D, MW-8, MW-15S, MW-17, OB-3, BG-BMW-12, MW-4H-04, MW-4H-06, NI-MW-2, RayMar-W, RayMar-E) (Figure 6). Wells that exceeded the TCE standards are located on the north-eastern boundary of the Laun-Dry facility, on the Rak's Building Supply (Rak's) property, east of Laun-Dry, and further downgradient to well MW-17. The January 2016 TCE concentrations across the site ranged from <1.0 µg/L in cross-gradient delineating wells to 1,500 µg/L in well MW-5 located on the east end of the Rak's property. TCE plume is present from the north-eastern portion of Laun-Dry to a well MW-17, where the TCE concentration was 240 µg/L during this event. However, the TCE appears to be persistent, with concentrations in the range of 700 µg/L in groundwater at RayMar-E and RayMar-W, located some 3,000 feet downgradient from the Laun-Dry Facility. RayMar is the location of a possible other source.

TCE concentrations in groundwater when compared to the June/July 2015 sampling event, increased in wells MW-1, MW-3, MW-6, MW-6A, MW-6F, MW-6G (December 2014), MW-6H-S, MW-6H-D, MW-8, MW-17, MW-18S, OB-1, SVE-1, SVE-3, BG-BMW-8, BG-BMW-12, MW-4H-04, RayMar-W, RayMar-E, and SBM-1. The largest increase was observed in well MW-8 which increased in TCE from 73 µg/L in July 2015 to 260 µg/L this event. In all of the other wells sampled the TCE concentrations decreased or remained relatively the same. The January 2016 TCE concentrations are depicted on Figure 6.

Laun-Dry area TCE concentration trends (Appendix D) indicate that TCE concentrations are decreasing to stable except in well MW-6A, which had been variable; however, since the *in-situ* groundwater treatment pilot test, concentrations have been consistently low. Within the medial portion of the TCE plume, concentrations have been generally decreasing since June 2013, except for well MW-6G, which has been relatively stable. TCE concentrations in the distal portion of the plume (MW-17) have been generally increasing; however, concentrations in wells RayMar-E and RayMar-W have been variable and persistently high. Again providing evidence that an additional source may be present in this area.

3.2.3 DCE

The only other daughter products of PCE that are present in groundwater east of Laun-Dry are *cis* 1,2-DCE and *trans* 1,2- DCE. The NMWQCC has no groundwater standard for *cis* 1,2-DCE or *trans* 1,2- DCE . The highest *cis* 1,2-DCE and *trans* 1,2- DCE concentrations during this sampling event were observed in wells MW-4H-04 and NI-MW-2 with concentrations of 190 µg/L each *cis* 1,2-DCE and with 130 µg/L and 200 µg/L *trans* 1,2- DCE, respectively. Overall, c*is* 1,2-DCE and *trans* 1,2- DCE concentrations have remained fairly consistent and are depicted on Figures 7 and 8.

3.2.4 MTBE and Naphthalenes

During this monitoring period MTBE was present in wells MW-19, CHMW-E, and SBM-1 at concentrations of 4.3 µg/L, 6.6 µg/L, and 17 µg/L respectively, all of which are well below the Environmental Improvement Board standard of 100 µg/L. MTBE has been detected in well CHMW-E since 2007. In 2007 total naphthalenes were detected in well MW-10 below the NMWQCC standard of 30 µg/L. Since 2008 total naphthalenes were not detected in any wells sampled as part of the Laun-Dry monitoring network.

3.2.5 Vertical Delineation

Four deep wells (MW-14D, MW-15D, MW-6H-D and MW-18D) have been installed to delineate the vertical extent of contamination. These wells are located east of Laun-Dry with MW-14D and MW-15D located just downgradient from Laun-Dry east of 12th Street. Well MW-6H-D is located within the medial portion of the plume, and well MW-18D is located in the distal portion of the plume near Broadway Avenue. The groundwater results from these wells are below the NMWQCC standards for PCE and TCE with the exception of well MW-6H-D which had a TCE concentration of above standards at 110 µg/L.

3.3 Passive Soil Gas Survey Results

The PSG survey indicated that PCE in soil gas was detected above 1,000 nanograms at the Laun-Dry facility near the railroad spur, near the railroad tracks and 8th Street, and in the vicinity of 5th Street and Haines Ave. TCE in soil gas was detected above 1,000 nanograms near the railroad tracks and 8th Street, and in the vicinity of 5th Street and Haines Ave. The results of the PSG survey is detailed in the Passive Soil Gas Survey Report provided in Attachment 1.

3.4 *In Situ* Groundwater Treatment Pilot Tests Results

Results of the *in-situ* groundwater treatment pilot tests are detailed in the *In-Situ Groundwater Treatment Pilot Test 1-Year Results Report* (Attachment 2), and a summary of the results is as follows:

- Injection Location 1—Wilclear Plus® lactate with Accelerite® was injected, the high solubility of the lactate combined with the high groundwater velocity conditions at the site

indicates that this treatment would be ineffective. The decline in PCE and TCE groundwater concentrations may have been a result of the soil vapor extraction system or an increase in water levels.

- Injection Location 2— EHC-L® created favorable conditions promoting biological RDC and abiotic dechlorination with iron and sulfate reduction, and consistent negative ORP.

- Injection Location 3— RDC conditions were not optimal with the combination of EHC-L® and PAC appearing to make the EHC-L® ineffective; however, PCE and TCE declined due to sorption and retardation as a result of the injection of the granular carbon.

- The CENSUS sampling data indicates that a bacterial population capable or promoting full RDC is not present. Bioaugmentation combined with a suitable electron donor would be beneficial for RDC.

3.5 Vapor Intrusion Assessment Findings

Results of the vapor intrusion assessment indicate the presence of PCE and TCE below the cellar at the address 1715 7th Street NW at concentrations of 37 µg/m^3 and 2.3 µg/m^3, respectively. These concentrations are below the EPA sub-slab residential air screening levels for both PCE and TCE: 367 µg/m^3 and 16 µg/m^3, respectively. Also at 1715 7th Street NW, PCE at a concentration of 0.29 µg/m^3 was present in sample IA-1715 collected in the living room, above the cellar. PCE was also detected in the indoor air sample IA-800 at the 800 Hannett Avenue NW. Both of these indoor air detection concentrations are below the residential screening levels for both EPA and NMED: 11 µg/m^3 and 41.7 µg/m^3, respectively. No other contaminants of concern were detected in the samples collected from either the 1715 7th Street NW or 800 Hannett Avenue.

No contaminants of concern were detected in any of the samples collected from the 1825 8th Street NW, and no contaminants of concern were detected above EPA or NMED screening levels in any samples collected during the Vapor Intrusion Assessment. A Letter Report summarizing the VI assessment results is included in Attachment 3.

3.6 SVE Pilot Test System Performance

During the period of operation from August 3, 2015 through September 4, 2015, the total flow rate varied between 80 standard cubic feet per minute (scfm) and 117 scfm and averaged approximately 93 scfm. Individual wells varied between 22 scfm and 47 scfm; however, on August 3, 2015, after the operation parameters had been recorded wells SVE-2 and SVE-3 were shut off due to low influent vapor concentrations. During the period of operation from September 24, 2015 through December 1, 2015, the total flow rate varied between 86 scfm and 92 scfm. SVE vapor concentrations in the extraction wells have been decreasing since the initial spike at start up. Vapor concentration in all wells and the SVE influent vapor concentrations have decreased by more than 99.9% since system start-up. The SVE pilot test system performance is summarized in Table 8.

During the period of operation from August 3, 2015 to December 1, 2015, the SVE system has

removed an estimated 24 pounds of PCE and 1.16 pounds of TCE. The total mass removed from system startup are 734 pounds of PCE and 17.8 pounds of TCE. From system startup in December 2013, mass removal rates for PCE and TCE have decreased from 2.54 pounds per hour (lb/hr) to 0.013 lb/hr and from 0.016 lb/hr to 0.0007 lb/hrs, respectively. The SVE pilot test system mass removal is summarized in Table 9 trend plots are provided in Appendix E.

The SVE system will continue to operate intermittently for the next 6 months. It appears that the pulsing of the system has been effective. During this next semi-annual operation and maintenance period the SVE system will be assessed to determine if it is still warranted.

4.0 STAGE 1 ABATEMENT PLAN REQUIREMENTS MET

The completion of the work outlined in this Supplemental Final Site Investigation Report completes the requirements of Stage 1 Abatement as outlined in the Section 20.6.2.4106.C. 1 through 7 of the New Mexico Administrative Code (NMAC), the Notice of Deficiency (NOD) issued by NMED on April 25, 2013 and the Additional Site Investigation Work Plan dated June 4, 2014 (EA 2014) submitted to address the data gaps listed in the Final Site Investigation Report dated December 2013 (EA 2013).

4.1 Section 4106 Requirements Met

The Stage 1 Abatement Plan requirements have been met per Section 20.6.2.4106.C. 1 through 7 of the NMAC. As stated in 20.6.2.4106, *the purpose of Stage 1 of the abatement plan shall be to design and conduct a site investigation that will adequately define site conditions, and provide the data necessary to select and design an effective abatement option. Stage 1 of the abatement plan may include, but not necessarily be limited to, the following information depending on the media affected, and as needed to select and implement an expeditious abatement option*:

1. *Descriptions of the site, including a site map, and of site history including the nature of the discharge that caused the water pollution, and a summary of previous investigations;*

   This was presented in the December 2013 Final Site Investigation Report.

2. *Site investigation work plan to define:*
   a. *site geology and hydrogeology, the vertical and horizontal extent and magnitude of vadose-zone and ground-water contamination, subsurface hydraulic parameters including hydraulic conductivity, transmissivity, storativity, and rate and direction of contaminant migration, inventory of water wells inside and within one (1) mile from the perimeter of the three-dimensional body where the standards set forth in Subsection B of Section 20.6.2.4103 NMAC are exceeded, and location and number of such wells actually or potentially affected by the pollution; and*

      Site geology and hydrology were presented in the December 2013 Final Site Investigation Report (EA 2013), and the June 2015 Additional Site Investigation Report (EA 2015).

      The vertical and horizontal extent and magnitude of vadose zone and ground water contamination was completed in the June 2015 Additional Site Investigation Report (EA 2015). The vadose zone has been addressed by the SVE pilot test, which is ongoing. Historical and current SVE pilot test activities are summarized in this report.

      Subsurface hydraulic parameters were determined by conducting single well recovery pump tests, with results presented in the December 2013 Final Site

Investigation Report (EA 2013). The direction of ground water contaminant migration is presented in each Semi-Annual Groundwater Monitoring Report.

The inventory of water wells is provided in the December 2013 Final Site Investigation Report.

3. *Monitoring program, including sampling stations and frequencies, for the duration of the abatement plan that may be modified, after approval by the secretary, as additional sampling stations are created;*

   Monitoring program is summarized in each Semi-Annual Monitoring Report. Wells have been added to the monitoring program as they have been installed.

4. *Quality assurance plan, consistent with the sampling and analytical techniques listed in Subsection B of Section 20.6.2.3107 NMAC.*

   Quality assurance plan was completed on October 26, 2004 in the Phase 2, Stage 1 Abatement Plan Appendix A Standard Operating Procedures by INnovative Explorations (INEX 2004).

5. *Site health and safety plan for all work to be performed pursuant to the abatement plan*.

   Site specific health and safety plans have been prepared for each phase of field activities.

6. *A schedule for all Stage 1 abatement plan activities.*

   Schedules for abatement activities have been provided by NMED in abatement plan approval letters.

7. *Any additional information that may be required to design and perform an adequate site investigation.*

   Additional information has been collected that includes the following:

   Additional passive soil gas survey
   In-situ groundwater treatment pilot test
   SVE pilot test
   VI assessment

All requirements of 20.6.2.4106.C. 1 through 7 NMAC have been completed.

4.2 Notice of Deficiency Requirements Met

The Notice of Deficiency (NOD) was issued by NMED on April 25, 2013 for the Final Site Investigation Report (FSIR) dated June 29, 2012 (Mansker 2012) and included three deficiencies, which have been reconciled as follows:

1. Deficiency: *The report did not adequately define site conditions of the TCE and DCE ground water contaminant plumes downgradient of well RayMar-W. To cure this deficiency a modified Stage 1 Abatement Plan FSIR shall include a proposal to conduct a site investigation downgradient of the above reference well that will adequately define the extent of the contaminant plume*.

   Cure: As summarized in the June 2015 Additional Site Investigation Report (EA 2015), three monitoring wells (MW-17, MW-18, and MW-19) were installed to delineate the downgradient extent of the contaminant plume. Existing wells in the abatement plan area were added to the monitoring regimen.

2. Deficiency: *The report did not adequately the vertical extent of the chlorinated solvent plumes in the central and distal ends. To cure this deficiency, a modified Stage 1 Abatement Plan FSIR shall include a proposal to conduct a site investigation of the vertical extent of ground water contamination in the central and distal ends of the contaminant plume.*

   Cure: As summarized in the June 2015 Additional Site Investigation Report (EA 2015), one vertical extent monitoring well (MW-18D) was installed to delineate the distal end of the contaminant plume. The medial portion of the contaminant plume is defined by vertical delineation well MW-6H-D that was previously installed in March 2012.

3. Deficiency: *The report does not summarize past site assessment reports and analytical data. To cure this deficiency, a modified Stage 1 Abatement Plan FSIR shall include a summary and analysis of current and past site assessment and data that include the following:*
   a. *Lithologic cross-sections of the extent of contaminant plumes;*
   b. *Provide subsurface hydraulic parameters (i.e. hydraulic conductivity, transmissivity, storativity);*
   c. *Identify water wells within one mile of the perimeter of the contaminant plume;*
   d. *Identify that the TCE and DCE contaminant plumes are connected between the central and distal plumes, and;*
   e. *Summary of concentration trends over time.*

   Cure: A FSIR was submitted to NMED dated December 2013 (EA 2013) which provided lithologic cross-sections, hydraulic parameters, water wells within one mile of the perimeter of the plume, and summarized concentration trends over time. The PSG survey provided information that indicates that there is a possible additional source within the plume.

4.3 Data Gaps Reconciled

The FSIR dated December 2013 provided a list of data gaps. On February 20, 2014, NMED approved the FSIR as an interim site investigation report and NMED requested that the data gaps listed in the December 2013 report be reconciled. NMED stated that once the data gaps have been reconciled then a supplement to the FSIR shall be submitted.

A work plan was submitted to and approved by NMED to address the data gaps on June 27, 2014. The primary components of the approval consisted of:

- Installing 5 additional site monitoring wells;

- Implementation of a passive soil gas survey;
- Implementation of an in-situ ground water treatment pilot test for chemical oxidation and reductive dechlorination using several amendments;
- Inclusion of the semi-annual ground water monitoring program sampling of the new monitoring wells, the Santa Barbara Martinez monitoring wells, and Mount Calvary Cemetery production wells.

The June 2015 Additional Site Investigation Report (EA 2015) documented the installation of the 5 additional monitoring wells, and the pilot test injection of three amendments. A letter report submitted to NMED in October 2015 documented the passive soil gas survey. The In-Situ Groundwater Treatment Pilot Test 1-Year Results letter report was submitted to NMED in March 2016 (included as Attachment 2) providing results and recommendations for an *in-situ* groundwater treatment remedy. Semi-Annual groundwater monitoring reports have included the sampling of all new wells, the Santa Barbara Martinez monitoring wells and the Mount Calvary Cemetery production wells (when they are operational).

This report constitutes the reconciliation of the data gaps.

This Supplemental Final Site Investigation Report completes the requirement of Stage 1 Abatement.

4.4 Vapor Intrusion Pathway Analyzed

PCE and TCE are present in the soil gas at the 1715 7th Street NW address, and PCE is present in the indoor air at the 1715 7th Street NW address and the 800 Hannett Avenue NW address; however, the concentrations are below the residential screening levels for both EPA and NMED. The lack of detectable concentrations of PCE in crawl-space sample (CS-800) suggests a possible indoor air source of the contaminant at the 800 Hannett Avenue NW address. Based on these result, VI is considered an incomplete human health exposure pathway. The VI report is included as Attachment 3.

5.0 CONCLUSION AND RECOMMENDATIONS

Based on the data collected during this investigation and semi-annual monitoring event, the following conclusions are presented:

- Groundwater is present in the vicinity of Laun-Dry from approximately 26 feet near Laun-Dry to 86 feet bgs near Mt. Calvary Cemetery with a groundwater flow direction to the east at a gradient of approximately 0.004 foot per foot.

- Much of the soil contamination at Laun-Dry has been remediated by the SVE system.

- PCE and TCE contamination are above the NMWQCC standards in groundwater at Laun-Dry. The PCE groundwater plume extends approximately 1,100 feet and the TCE groundwater plume extends approximately 5,000 feet from the Laun-Dry site.

- The upgradient and medial extent of the groundwater plume has been determined; however, the distal plume is not delineated to the north or northeast. Data from the PSG survey coupled with persistent TCE concentrations in groundwater in the RayMar wells indicate there may be other contributing sources within the length of the plume. The vertical extent of the plume at Laun-Dry has been delineated.

- Daughter products of PCE (TCE, *cis*-1,2-DCE and *trans*-1,2-DCE) are present in groundwater indicating that reductive dechlorination is occurring.

- The PSG survey indicated that PCE in soil gas was detected above 1,000 nanograms at the Laun-Dry facility near the railroad spur, near the railroad tracks and 8th Street, and in the vicinity of 5th Street and Haines Ave.

- *In-situ* groundwater treatment is a viable remediation strategy for the Site. Based on the pilot test results, RDC via biostimulation and bioaugmentation or removal via PAC may reduce COCs to the desired endpoint at the Site.

- Chlorinated ethene vapors were not detected above EPA or NMED screening levels in any samples collected during the VI assessment.

All Stage 1 Abatement Plan requirements have been met, the NOD has been reconciled and the data gaps have been addressed. As a result the following recommendations are provided:

- Continue semi-annual groundwater monitoring;
- Continue to intermittently operate the SVE system and assess the need for further SVE;
- Conduct VI assessment in July 2016 to confirm results; and
- Prepare a Stage 2 Abatement Plan within 60 days of the Secretary approval of this Supplemental Final Site Investigation Report.

6.0 REFERENCES

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TABLES

TABLE 1. WELL CONSTRUCTION DETAILS
LAUN-DRY SUPPLY COMPANY, INC., ALBUQUERQUE, NEW MEXICO

Well	Date Installed	Type	Site	Northing[1]	Easting[1]	Casing Diameter (inches)	Top of Casing (feet amsl)	Total Depth (feet bgs)	Screen Interval (feet bgs)
Laun-Dry Monitoring Wells									
MW-1	9/24/2003	Water Table Well	Laun-Dry	1492872.54	1518256.58	2	4962.52	45.5	30 - 45
MW-2	9/24/2003	Water Table Well	Laun-Dry	1492895.82	1518416.13	2	4962.03	45.5	30 - 45
MW-3	9/25/2003	Water Table Well	Laun-Dry	1492988.82	1518388.45	2	4963.10	43	28 - 43
MW-4	6/20/2005	Water Table Well	Laun-Dry	1492991.23	1518598.49	2	4961.27	43	28 - 43
MW-5	6/20/2005	Water Table Well	Laun-Dry	1493006.21	1519335.79	2	4961.54	43	28 - 43
MW-6	6/20/2005	Water Table Well	Laun-Dry	1492872.54	1518443.59	2	4962.75	43	28 - 43
MW-6A	3/19/2012	Water Table/Vapor Well	Laun-Dry	1492965.59	1518408.39	4	4962.65	48	10 - 30 and 43 - 48
MW-6B	3/20/2012	Water Table/Vapor Well	Laun-Dry	1492985.87	1518344.45	4	4961.48	48	10 - 30 and 43 - 48
MW-6C	3/21/2012	Water Table/Vapor Well	Laun-Dry	1493011.46	1518549.65	4	4960.78	45	8 - 28 and 40 - 45
MW-6D	3/26/2012	Water Table Well	Laun-Dry	1493220.50	1519327.32	2	4961.68	43	23-43
MW-6E	3/23/2012	Water Table Well	Laun-Dry	1493215.95	1519719.48	2	4963.54	45	30-45
MW-6F	3/23/2012	Water Table Well	Laun-Dry	1493428.38	1519879.10	2	4963.27	45	25-45
MW-6G	3/26/2012	Water Table Well	Laun-Dry	1492938.36	1520252.21	2	4963.65	43	23-43
MW-6HS	3/22/2012	Nested Water Table Well	Laun-Dry	1492889.50	1520897.30	2	4961.95	44	29-44
MW-6HD	3/22/2012	Nested Deep Well	Laun-Dry	1492889.50	1520897.30	2	4962.23	54	49-54
MW-8	5/9/2007	Water Table Well	Laun-Dry	1493135.09	1519404.72	2	4962.84	51	31 - 46
MW-9	5/9/2007	Water Table Well	Laun-Dry	1493231.12	158598.22	2	4965.01	51	31 - 46
MW-10	4/23/2007	Water Table Well	Laun-Dry	1492504.37	1518895.37	2	4962.11	48	33 - 48
MW-11	4/16/2007	Water Table Well	Laun-Dry	1492736.75	1518512.71	2	4961.56	45	30 - 45
MW-12	4/23/2007	Water Table Well	Laun-Dry	1493206.94	1518734.96	2	4964.89	53	33 - 48
MW-14S	4/19/2007	Water Table Well	Laun-Dry	1492976.53	1518700.04	2	4960.57	48	33 - 45
MW-14D	4/19/2007	Deep Well	Laun-Dry	1492983.41	1518679.64	2	4960.71	88	78 - 83
MW-15S	4/24/2007	Water Table Well	Laun-Dry	1492936.04	1518860.35	2	4961.34	48	33 - 45
MW-15D	5/8/2007	Deep Well	Laun-Dry	1492941.22	1518850.93	2	4960.90	78	68 -73
MW-16	12/11/2014	Water Table Well	Laun-Dry	1492861.47	1518127.50	2	4961.54	43	23 -43
MW-17	12/9/2014	Water Table Well	Laun-Dry	1493517.82	1523062.79	2	4968.84	70	50 -70
MW-18S	12/16/2014	Water Table Well	Laun-Dry	1492985.72	1523191.98	2	4971.29	72	52 -72
MW-18D	1/16/2015	Deep Well	Laun-Dry	14929885.17	1523201.02	4	4971.13	187.5	180-185
MW-19	12/11/2014	Water Table Well	Laun-Dry	1492086.91	1522968.77	2	4963.78	65	45 -65
OB-1	12/17/2014	Observation Well	Laun-Dry	1493034.23	1518416.61	2	4963.52	49	29 -49
OB-2	12/17/2014	Observation Well	Laun-Dry	1493010.03	1518559.68	2	4961.92	49	29 -49
OB-3	1/27/2015	Observation Well	Laun-Dry	1492974.24	1518709.47	2	4961.07	49	29 - 49
SVE-1	9/4/2013	Vapor Extraction Well	Laun-Dry	1492963.47	1518419.42	2	4962.95	40	10 - 40
SVE-2	9/6/2013	Vapor Extraction Well	Laun-Dry	1493032.97	1518426.49	2	4963.25	39	9 - 39
SVE-3	9/4/2013	Vapor Extraction Well	Laun-Dry	1492929.44	1518287.81	2	4961.91	40	10 - 40

TABLE 1. WELL CONSTRUCTION DETAILS
LAUN-DRY SUPPLY COMPANY, INC., ALBUQUERQUE, NEW MEXICO

Well	Date Installed	Type	Site	Northing[1]	Easting[1]	Casing Diameter (inches)	Top of Casing (feet amsl)	Total Depth (feet bgs)	Screen Interval (feet bgs)
Various Other Site Monitoring Wells									
BIA-MW-1	6/17/1999	Water Table Well	BIA SPA Maintenance Yard	1493278.79	1519248.30	3/4	4961.82	45	Unknown
BIA-MW-3	6/17/1999	Water Table Well	BIA SPA Maintenance Yard	1493411.10	1519100.76	2	4964.28	45	Unknown
New BIA-E-MW	Unknown	Unknown	BIA SPA Maintenance Yard	1493196.02	1519433.06	2	4962.98	?	Unknown
BG-BMW-1	11/4/1992	Water Table Well	PSTB State Lead	Destroyed		2		47	37 - 47
BG-BMW-8	7/28/1993	Water Table Well	PSTB State Lead	1492831.97	1521600.76	2	4960.97	47	37 - 47
BG-BMW-9	7/29/1993	Plugged and Abandoned	PSTB State Lead	NA	NA	NA	NA	47	37 - 47
BG-BMW-12	8/3/1993	Water Table Well	PSTB State Lead	1492946.04	152191.41	2	4961.89	47	37 - 47
Catholic Cemetery Well North	2/7/2003	Irrigation Well	Catholic Cemetary Association	NM	NM	12	Unknown	290	230 - 270
Catholic Cemetery Well South	2/7/2003	Irrigation Well	Catholic Cemetary Association	NM	NM	12	Unknown	290	230 - 270
CHMW- E	10/1/1997	Water Table Well	Childers Manufacturing Facility	1493521.74	1520938.70	2	4962.33	53	38 - 53
NI-MW-2	Unknown	Unknown	Haines and 7th Street	1493125.60	1520049.81	2	4962.74	Unknown	Unknown
RayMar-W	Unknown	Unknown	Ray's Automotive and Machine Shop	1493133.53	1521195.91	2	4962.78	Unknown	Unknown
RayMar-E	Unknown	Unknown	Ray's Automotive and Machine Shop	1493130.46	1521306.83	2	4962.94	Unknown	Unknown
CA-FSY-14	Unknown	Water Table Well	City of Albuquerque 4th Street Yard	1492635.52	1520970.42	2	4962.78	Unknown	Unknown
MW-4H-01	6/28/2000	Water Table Well	NMED Superfund	1492661.55	1520401.76	2	4962.90	56	36 - 56
MW-4H-02	6/26/2000	Water Table Well	NMED Superfund	1492458.91	1520137.72	2	4962.73	56	36 - 56
MW-4H-03	6/26/2000	Water Table Well	NMED Superfund	Destroyed				56	36 - 56
MW-4H-04	6/27/2000	Water Table Well	NMED Superfund	1493078.70	1519875.46	2	4963.00	55	35 - 55
MW-4H-06	6/28/2000	Water Table Well	NMED Superfund	1493016.51	1521058.02	2	4961.16	58	38 - 58
SBM-1	1991	Deep Well	City of Albuquerque	1492887.91	1524401.46	4	4995.03	150	135 - 145
SBM-2	1991	Water Table Well	City of Albuquerque	1492885.10	1524417.29	4	4995.61	96	71 - 91
Sunset Memorial Cemeter	1980	Irrigation Well	Sunset Memorial Cemetary	NM	NM	12	NM	284	207 - 247 & 246 - 268
Sunset Memorial Cemeter	1990	Irrigation Well	Sunset Memorial Cemetary	NM	NM	10	NM	325?	220 - 260 & 300 - 320

NOTES:

[1] = NM State Plane Coordinates (NAD 83/ NAVD 88). Nested wells MW-6HD and MW-6HS were not distinguished in the survey data.

Screen interals for MW-1, MW-4H-01, and MW-4H-06 were estimated based on the total depth measured during pump test activities.

amsl = above mean sea level

bgs = below ground surface

BIA = Bureau of Indian Affairs

NA = not applicable

NM = Not Measured

NMED = New Mexico Environment Department

PSTB = Petroleum Storage Tank Bureau

SPA = Southern Pueblos Agency

TABLE 2. SUMMARY OF MONITORING WELL FLUID GAUGING DATA
LAUN-DRY SUPPLY COMPANY, INC., ALBUQUERQUE, NEW MEXICO

Monitoring Well	Date Measured	Northing[a]	Easting[a]	Casing Elevation[b]	Depth to Water[c]	Groundwater Elevation[b]
Laun-Dry Monitoring Wells						
MW-1	1/13/2016	1492872.54	1518256.58	4962.52	27.22	4935.30
	6/29/2015				27.89	4934.63
	12/29/2014				28.36	4934.16
	6/17/2014				28.65	4933.87
	12/17/2013				29.01	4933.51
	6/5/2013				29.32	4933.20
	12/5/2012				29.73	4932.79
	4/5/2012				29.93	4932.59
	4/1/2011				30.77	4931.75
	9/2/2009				32.67	4929.85
	1/27/2009				32.39	4930.13
	7/1/2008				32.34	4930.18
	12/19/2007				32.02	4930.50
	5/17/2007				31.78	4930.74
	2/3/2006				31.73	4930.79
	6/23/2005				31.07	4931.45
MW-2	1/13/2016	1492895.82	1518416.13	4962.03	27.16	4934.87
	6/29/2015				27.83	4934.20
	12/29/2014				28.30	4933.73
	6/17/2014				28.60	4933.43
	12/17/2013				28.96	4933.07
	6/5/2013				29.28	4932.75
	12/5/2012				29.70	4932.33
	4/5/2012				29.90	4932.13
	4/1/2011				30.73	4931.30
	9/2/2009				32.63	4929.40
	1/27/2009				32.33	4929.70
	7/1/2008				32.33	4929.70
	12/19/2007				31.99	4930.04
	5/17/2007				31.68	4930.35
	2/3/2006				31.70	4930.33
	6/23/2005				31.08	4930.95
MW-3	1/13/2016	1492988.11	1518388.45	4963.10	28.18	4934.92
	6/29/2015				28.82	4934.28
	12/29/2014				29.32	4933.78
	6/17/2014				29.60	4933.50
	12/17/2013				29.98	4933.12
	6/5/2013				30.30	4932.80
	12/5/2012				30.71	4932.39
	4/5/2012				30.91	4932.19
	4/1/2011				31.78	4931.32
	9/2/2009				33.68	4929.42
	1/27/2009				33.20	4929.90
	7/1/2008				33.24	4929.86
	12/19/2007				33.02	4930.08
	5/17/2007				32.70	4930.40
	2/3/2006				32.73	4930.37
	6/23/2005				32.10	4931.00

TABLE 2. SUMMARY OF MONITORING WELL FLUID GAUGING DATA
LAUN-DRY SUPPLY COMPANY, INC., ALBUQUERQUE, NEW MEXICO

Monitoring Well	Date Measured	Northing[a]	Easting[a]	Casing Elevation[b]	Depth to Water[c]	Groundwater Elevation[b]
MW-4	1/13/2016	1492991.23	1518598.49	4961.27	26.90	4934.37
	6/29/2015				27.58	4933.69
	12/29/2014				28.07	4933.20
	6/17/2014				28.40	4932.87
	12/17/2013				28.80	4932.47
	6/5/2013				29.13	4932.14
	12/5/2012				29.59	4931.68
	4/5/2012				29.81	4931.46
	4/1/2011				30.42	4930.85
	9/2/2009				32.76	4928.51
	1/27/2009				32.43	4928.84
	7/1/2008				32.47	4928.80
	12/19/2007				32.90	4928.37
	5/17/2007				31.74	4929.53
	2/3/2006				31.76	4929.51
	6/23/2005				31.15	4930.12
MW-5	1/13/2016	1493006.21	1519335.79	4961.54	28.84	4932.70
	6/29/2015				29.58	4931.96
	12/29/2014				30.12	4931.42
	6/17/2014				30.56	4930.98
	12/17/2013				31.05	4930.49
	6/5/2013				31.40	4930.14
	12/5/2012				31.90	4929.64
	4/3/2012				32.20	4929.34
	3/31/2011				33.05	4928.49
	9/2/2009				35.18	4926.36
	1/27/2009				Damaged. Not Measured	
	7/1/2008				Damaged. Not Measured	
	12/19/2007				Damaged. Not Measured	
	5/17/2007				33.74	4927.80
	2/3/2006				33.77	4927.77
	6/23/2005				33.29	4928.25
MW-6	1/13/2016	1493050.00	1518443.59	4962.75	27.86	4934.89
	6/29/2015				28.53	4934.22
	12/29/2014				29.02	4933.73
	6/17/2014				29.35	4933.40
	12/17/2013				29.71	4933.04
	6/5/2013				30.05	4932.70
	12/5/2012				30.46	4932.29
	4/5/2012				30.68	4932.07
	4/1/2011				31.54	4931.21
	9/2/2009				33.49	4929.26
	1/27/2009				33.20	4929.55
	7/1/2008				33.16	4929.59
	12/19/2007				32.81	4929.94
	5/17/2007				32.51	4930.24
	2/3/2006				32.53	4930.22
	6/23/2005				31.89	4930.86

TABLE 2. SUMMARY OF MONITORING WELL FLUID GAUGING DATA
LAUN-DRY SUPPLY COMPANY, INC., ALBUQUERQUE, NEW MEXICO

Monitoring Well	Date Measured	Northing[a]	Easting[a]	Casing Elevation[b]	Depth to Water[c]	Groundwater Elevation[b]
MW-6A	1/13/2016	1492965.59	1518408.29	4962.65	27.75	4934.90
	6/29/2015				28.40	4934.25
	12/29/2014				28.90	4933.75
	6/17/2014				29.18	4933.47
	12/17/2013				29.54	4933.11
	6/5/2013				29.88	4932.77
	12/5/2012				30.29	4932.36
	4/5/2012				30.47	4932.18
MW-6B	1/13/2016	1492985.86	1518344.45	4961.48	26.35	4935.13
	6/29/2015				27.02	4934.46
	12/29/2014				27.50	4933.98
	6/17/2014				27.79	4933.69
	12/17/2013				28.17	4933.31
	6/5/2013				28.50	4932.98
	12/5/2012				28.91	4932.57
	4/5/2012				29.12	4932.36
MW-6C	1/13/2016	1493011.46	1518549.65	4960.78	26.23	4934.55
	6/29/2015				26.90	4933.88
	12/29/2014				27.40	4933.38
	6/17/2014				27.72	4933.06
	12/17/2013				28.12	4932.66
	6/5/2013				28.44	4932.34
	12/5/2012				28.89	4931.89
	4/5/2012				29.13	4931.65
MW-6D	1/13/2016	1493220.50	1519327.32	4961.68	29.06	4932.62
	6/29/2015				29.81	4931.87
	12/29/2014				30.41	4931.27
	6/17/2014				30.84	4930.84
	12/17/2013				31.31	4930.37
	6/5/2013				31.65	4930.03
	12/5/2012				32.20	4929.48
	4/4/2012				32.44	4929.24
MW-6E	1/13/2016	1493215.95	1519879.10	4963.54	32.22	4931.32
	6/29/2015				32.98	4930.56
	12/29/2014				33.57	4929.97
	6/17/2014				34.08	4929.46
	12/17/2013				34.60	4928.94
	6/5/2013				34.95	4928.59
	12/5/2012				35.50	4928.04
	4/4/2012				35.80	4927.74
MW-6F	1/13/2016	1493428.38	1519879.10	4963.27	32.49	4930.78
	6/29/2015				33.27	4930.00
	12/29/2014				33.85	4929.42
	6/17/2014				34.36	4928.91
	12/17/2013				34.87	4928.40
	6/5/2013				35.18	4928.09
	12/5/2012				35.75	4927.52
	4/3/2012				36.05	4927.22

TABLE 2. SUMMARY OF MONITORING WELL FLUID GAUGING DATA
LAUN-DRY SUPPLY COMPANY, INC., ALBUQUERQUE, NEW MEXICO

Monitoring Well	Date Measured	Northing[a]	Easting[a]	Casing Elevation[b]	Depth to Water[c]	Groundwater Elevation[b]
MW-6G	1/15/2016	1492938.36	1520252.21	4963.65	34.07	4929.58
	6/29/2015				Inaccessable. Not Measured	
	12/29/2014				35.57	4928.08
	6/19/2014				36.41	4927.24
	12/17/2013				Inaccessable. Not Measured	
	6/5/2013				36.95	4926.70
	12/5/2012				Inaccessable. Not Measured	
	4/4/2012				37.83	4925.82
MW-6H-S	1/13/2016	1492889.50	1520897.30	4961.95	34.87	4927.08
	6/29/2015				35.67	4926.28
	12/29/2014				36.44	4925.51
	6/17/2014				36.90	4925.05
	12/17/2013				37.68	4924.27
	6/5/2013				37.85	4924.10
	12/5/2012				38.69	4923.26
	4/3/2012				38.88	4923.07
MW-6H-D	1/13/2016	1492889.50	1520897.30	4962.23	35.20	4927.03
	6/29/2015				36.00	4926.23
	12/29/2014				36.77	4925.46
	6/17/2014				37.22	4925.01
	12/17/2013				38.02	4924.21
	6/5/2013				38.19	4924.04
	12/5/2012				39.00	4923.23
	4/3/2012				39.18	4923.05
MW-8	1/13/2016	1493135.09	1519404.72	4962.84	29.95	4932.89
	6/29/2015				30.66	4932.18
	12/29/2014				31.24	4931.60
	6/17/2014				31.70	4931.14
	12/17/2013				32.16	4930.68
	6/5/2013				32.53	4930.31
	12/5/2012				33.04	4929.80
	4/4/2012				33.32	4929.52
	3/31/2011				34.23	4928.61
	9/2/2009				36.35	4926.49
	1/27/2009				35.98	4926.86
	7/1/2008				35.93	4926.91
	12/19/2007				35.73	4927.11
	5/17/2007				36.43	4926.41

TABLE 2. SUMMARY OF MONITORING WELL FLUID GAUGING DATA
LAUN-DRY SUPPLY COMPANY, INC., ALBUQUERQUE, NEW MEXICO

Monitoring Well	Date Measured	Northing[a]	Easting[a]	Casing Elevation[b]	Depth to Water[c]	Groundwater Elevation[b]
MW-9	1/13/2016	1493231.12	1518598.22	4965.01	30.60	4934.41
	6/29/2015				31.30	4933.71
	12/29/2014				31.81	4933.20
	6/17/2014				32.17	4932.84
	12/17/2013				32.58	4932.43
	6/5/2013				32.60	4932.41
	12/5/2012				33.35	4931.66
	4/4/2012				33.62	4931.39
	3/31/2011				34.51	4930.50
	9/2/2009				36.58	4928.43
	1/27/2009				36.25	4928.76
	7/1/2008				36.27	4928.74
	12/19/2007				35.86	4929.15
	5/17/2007				35.55	4929.46
MW-10	1/13/2016	1492504.37	1518895.37	4962.11	28.34	4933.77
	6/29/2015				29.02	4933.09
	12/29/2014				29.52	4932.59
	6/17/2014				29.82	4932.29
	12/17/2013				30.23	4931.88
	6/5/2013				30.53	4931.58
	12/5/2012				31.00	4931.11
	4/4/2012				31.21	4930.90
	3/31/2011				32.07	4930.04
	9/2/2009				34.04	4928.07
	1/27/2009				33.71	4928.40
	7/1/2008				33.43	4928.68
	12/19/2007				33.23	4928.88
	5/17/2007				33.03	4929.08
MW-11	1/13/2016	1492736.75	1518512.71	4961.56	26.83	4934.73
	6/29/2015				27.53	4934.03
	12/29/2014				27.99	4933.57
	6/17/2014				28.29	4933.27
	12/17/2013				28.67	4932.89
	6/5/2013				29.01	4932.55
	12/5/2012				29.41	4932.15
	4/4/2012				29.61	4931.95
	4/1/2011				30.43	4931.13
	9/2/2009				32.32	4929.24
	1/27/2009				32.02	4929.54
	7/1/2008				31.99	4929.57
	12/19/2007				31.69	4929.87
	5/17/2007				31.38	4930.18

TABLE 2. SUMMARY OF MONITORING WELL FLUID GAUGING DATA
LAUN-DRY SUPPLY COMPANY, INC., ALBUQUERQUE, NEW MEXICO

Monitoring Well	Date Measured	Northing[a]	Easting[a]	Casing Elevation[b]	Depth to Water[c]	Groundwater Elevation[b]
MW-12	1/13/2016	1493206.94	1518734.96	4964.89	30.83	4934.06
	6/29/2015				31.55	4933.34
	12/29/2014				32.07	4932.82
	6/17/2014				32.44	4932.45
	12/17/2013				32.86	4932.03
	6/5/2013				33.20	4931.69
	12/5/2012				33.65	4931.24
	4/4/2012				33.94	4930.95
	3/31/2011				34.85	4930.04
	9/2/2009				36.91	4927.98
	1/27/2009				36.57	4928.32
	7/1/2008				36.62	4928.27
	12/19/2007				36.21	4928.68
	5/17/2007				35.88	4929.01
MW-14S	1/20/2016	1492976.53	1518700.04	4960.57	26.60	4933.97
	6/29/2015				27.13	4933.44
	12/29/2014				27.60	4932.97
	6/17/2014				27.99	4932.58
	12/17/2013				28.21	4932.36
	6/5/2013				29.74	4930.83
	12/5/2012				29.23	4931.34
	4/5/2012				29.45	4931.12
	4/1/2011				30.36	4930.21
	9/2/2009				32.35	4928.22
	1/27/2009				32.04	4928.53
	7/1/2008				32.09	4928.48
	12/19/2007				31.71	4928.86
	5/17/2007				31.37	4929.20
MW-14D	1/13/2016	1492982.41	1518679.64	4960.71	26.15	4934.56
	6/29/2015				27.53	4933.18
	12/29/2014				27.54	4933.17
	6/17/2014				28.10	4932.61
	12/17/2013				28.23	4932.48
	6/5/2013				28.87	4931.84
	12/5/2012				29.29	4931.42
	4/5/2012				29.52	4931.19
	4/1/2011				30.40	4930.31
	9/2/2009				32.47	4928.24
	1/27/2009				32.08	4928.63
	7/1/2008				32.15	4928.56
	12/19/2007				31.68	4929.03
	5/17/2007				31.61	4929.10

TABLE 2. SUMMARY OF MONITORING WELL FLUID GAUGING DATA
LAUN-DRY SUPPLY COMPANY, INC., ALBUQUERQUE, NEW MEXICO

Monitoring Well	Date Measured	Northing[a]	Easting[a]	Casing Elevation[b]	Depth to Water[c]	Groundwater Elevation[b]
MW-15S	1/13/2016	1492936.04	1518860.35	4961.34	27.67	4933.67
	6/29/2015				28.38	4932.96
	12/29/2014				28.89	4932.45
	6/17/2014				29.27	4932.07
	12/17/2013				29.69	4931.65
	6/5/2013				30.02	4931.32
	12/5/2012				29.51	4931.83
	4/5/2012				30.75	4930.59
	4/1/2011				31.67	4929.67
	9/2/2009				33.69	4927.65
	1/27/2009				33.34	4928.00
	7/1/2008				33.45	4927.89
	12/19/2007				33.05	4928.29
	5/17/2007				32.71	4928.63
MW-15D	1/13/2016	1492941.22	1518850.93	4960.90	27.23	4933.67
	6/29/2015				27.94	4932.96
	12/29/2014				28.45	4932.45
	6/17/2014				28.84	4932.06
	12/17/2013				29.27	4931.63
	6/5/2013				29.60	4931.30
	12/5/2012				29.10	4931.80
	4/4/2012				30.30	4930.60
	4/1/2011				31.19	4929.71
	9/2/2009				33.27	4927.63
	1/27/2009				32.89	4928.01
	7/1/2008				33.07	4927.83
	12/19/2007				32.60	4928.30
	5/17/2007				32.39	4928.51
MW-16	1/13/2016	1492861.47	1518127.50	4961.54	25.99	4935.55
	6/29/2015				26.64	4934.90
	12/29/2014				27.11	4934.43
MW-17	1/13/2016	1493517.82	1523062.79	4968.84	51.49	4917.35
	6/29/2015				53.20	4915.64
	12/29/2014				54.64	4914.20
MW-18S	1/13/2016	1492985.72	1523191.98	4971.29	53.85	4917.44
	6/29/2015				55.02	4916.27
	12/29/2014				56.28	4915.01
MW-18D	1/13/2016	14929885.17	1523201.02	4971.13	53.34	4917.79
	6/29/2015				54.69	4916.44
	1/16/2015				56.15	4914.98
MW-19	1/13/2016	1492086.91	1522968.77	4963.78	46.01	4917.77
	6/29/2015				47.11	4916.67
	12/29/2014				48.48	4915.30

TABLE 2. SUMMARY OF MONITORING WELL FLUID GAUGING DATA
LAUN-DRY SUPPLY COMPANY, INC., ALBUQUERQUE, NEW MEXICO

Monitoring Well	Date Measured	Northing[a]	Easting[a]	Casing Elevation[b]	Depth to Water[c]	Groundwater Elevation[b]
OB-1	1/13/2016	1493034.23	1518416.61	4963.52	28.51	4935.01
	6/29/2015				29.18	4934.34
	12/29/2014				29.64	4933.88
OB-2	1/13/2016	1493010.03	1518559.68	4961.92	27.31	4934.61
	6/29/2015				28.00	4933.92
	12/29/2014				28.49	4933.43
OB-3	1/13/2016	1492974.24	1518709.47	4961.07	26.89	4934.18
	6/29/2015				27.59	4933.48
	2/25/2015				27.91	4933.16
SVE-1	1/13/2016	1492963.47	1518419.42	4962.95	27.98	4934.97
	6/29/2015				28.64	4934.31
	12/29/2014				29.12	4933.83
	6/17/2014				29.43	4933.52
SVE-2	1/13/2016	1493032.97	1518426.49	4963.25	28.32	4934.93
	6/29/2015				28.98	4934.27
	12/29/2014				29.45	4933.80
	6/17/2014				29.78	4933.47
SVE-3	1/13/2016	1492929.44	1518287.81	4961.91	26.60	4935.31
	6/29/2015				27.24	4934.67
	12/29/2014				27.72	4934.19
	6/17/2014				28.02	4933.89
Various Other Site Monitoring Wells						
BIA-MW-1	6/29/2015	1493278.79	1519248.30	4959.25	29.84	4929.41
	12/29/2014				30.41	4928.84
	6/17/2014				Not Measured	
	12/17/2013				31.31	4927.94
	6/5/2013				Not Measured	
	12/5/2012				Not Measured	
	4/4/2012				Not Measured	
	3/31/2011				30.77	4928.48
	Recovered				Not Measured	
	9/2/2009				33.34	4926.35
	1/28/2009				Not Measured	
	7/1/2008				Not Measured	
	12/19/2007				35.47	4923.78
	5/17/2007				34.55	4924.70
BIA-MW-3	1/13/2016	1493411.10	1519100.76	4964.28	31.16	4933.12
	6/29/2015				31.89	4932.39
	12/29/2014				32.45	4931.83
	6/17/2014				32.84	4931.44
	12/17/2013				33.31	4930.97
	6/5/2013				33.65	4930.63
	12/5/2012				34.18	4930.10
	4/4/2012				34.44	4929.84
	3/31/2011				35.38	4928.90
	9/2/2009				37.51	4926.77
	1/28/2009				36.65	4927.63
	7/1/2008				37.05	4927.23
	12/19/2007				36.84	4927.44
	5/17/2007				36.55	4927.73

TABLE 2. SUMMARY OF MONITORING WELL FLUID GAUGING DATA
LAUN-DRY SUPPLY COMPANY, INC., ALBUQUERQUE, NEW MEXICO

Monitoring Well	Date Measured	Northing[a]	Easting[a]	Casing Elevation[b]	Depth to Water[c]	Groundwater Elevation[b]
New BIA-E MW	1/13/2016	1493196.02	1519433.06	4962.98	30.59	4932.39
	6/29/2015				31.32	4931.66
	12/29/2014				31.90	4931.08
	6/17/2014				32.38	4930.60
	12/17/2013				32.85	4930.13
	6/5/2013				33.22	4929.76
	12/5/2012				33.73	4929.25
	4/4/2012				34.01	4928.97
	5/31/2011				34.92	4928.06
	9/2/2009				37.05	4925.93
	1/28/2009				36.65	4926.33
	7/1/2008				36.41	4926.57
	12/19/2007				Not Measured	
BG-BMW-1	6/17/2014			4959.99	Well Destroyed	
	12/17/2013				Could Not Locate	
	6/5/2013				40.90	4919.09
	12/5/2012				41.90	4918.09
	4/3/2012				Not Measured	
	4/1/2011				42.96	4917.03
	9/2/2009				45.49	4915.55
	1/28/2009				44.00	4915.99
	7/1/2008				44.47	4915.52
	12/19/2007				44.05	4915.94
	5/17/2007				44.64	4915.35
BG-BMW-8	1/13/2016	1492831.97	1521600.758	4960.97	36.88	4924.09
	6/29/2015				37.74	4923.23
	12/29/2014				38.68	4922.29
	6/17/2014				39.16	4921.81
	12/17/2013				40.15	4920.82
BG-BMW-12	1/13/2016	1492946.04	1521291.41	4961.89	36.57	4925.32
	6/29/2015				37.45	4924.44
	12/29/2014				38.33	4923.56
	6/17/2014				38.81	4923.08
	12/17/2013				39.69	4922.20
	6/5/2013				39.85	4922.04
	12/5/2012				40.82	4921.07
	4/3/2012				40.94	4920.95
	4/1/2011				41.97	4919.92
	9/2/2009				44.34	4917.55
	1/28/2009				45.09	4916.80
	7/1/2008				Inaccessable. Not Measured	
	12/19/2007				45.18	4916.71
	5/17/2007				43.49	4918.4
CA-FSY-14	1/13/2016	1492635.52	1520970.42	4962.78	35.78	4927.00
	6/29/2015				36.56	4926.22
	12/29/2014				37.31	4925.47
	6/17/2014				37.75	4925.03
	12/17/2013				38.54	4924.24

TABLE 2. SUMMARY OF MONITORING WELL FLUID GAUGING DATA
LAUN-DRY SUPPLY COMPANY, INC., ALBUQUERQUE, NEW MEXICO

Monitoring Well	Date Measured	Northing[a]	Easting[a]	Casing Elevation[b]	Depth to Water[c]	Groundwater Elevation[b]
CHMW-E	1/13/2016	1493521.74	1520938.70	4962.33	35.85	4926.48
	6/29/2015				36.67	4925.66
	12/29/2014				37.42	4924.91
	6/18/2014				37.71	4924.62
	12/17/2013				38.69	4923.64
	6/5/2013				38.91	4923.42
	12/5/2012				39.72	4922.61
	4/3/2012				39.97	4922.36
	4/1/2011				41.07	4921.26
	9/2/2009				43.14	4919.19
	1/28/2009				42.85	4919.48
	7/1/2008				43.09	4919.24
	12/19/2007				42.78	4919.55
	5/17/2007				42.35	4919.98
MW-4H-01	1/13/2016	1492661.55	1520401.76	4962.90	33.74	4929.16
	6/29/2015				34.41	4928.49
	12/29/2014				35.09	4927.81
	6/17/2014				35.91	4926.99
	12/17/2013				36.28	4926.62
MW-4H-02	1/13/2016	1492458.91	1520137.72	4962.73	32.79	4929.94
	6/29/2015				33.50	4929.23
	12/29/2014				34.15	4928.58
	6/17/2014				34.59	4928.14
	12/17/2013				35.23	4927.50
MW-4H-04	1/13/2016	1493078.70	1519875.46	4963.00	32.22	4930.78
	6/29/2015				32.98	4930.02
	12/29/2014				33.55	4929.45
	6/17/2014				34.06	4928.94
	12/17/2013				34.60	4928.40
	6/5/2013				34.94	4928.06
	12/5/2012				35.52	4927.48
	4/3/2012				37.71	4925.29
	4/1/2011				38.83	4924.17
	9/2/2009				38.44	4924.56
	1/28/2009				38.53	4924.47
	7/1/2008				38.23	4924.77
	12/19/2007				37.96	4925.04
	5/17/2007				Not Measured	
MW-4H-06	1/13/2016	1493016.51	1521058.02	4961.16	34.80	4926.36
	6/29/2015				35.66	4925.50
	12/29/2014				36.47	4924.69
	6/17/2014				36.97	4924.19
	12/17/2013				37.79	4923.37

TABLE 2. SUMMARY OF MONITORING WELL FLUID GAUGING DATA
LAUN-DRY SUPPLY COMPANY, INC., ALBUQUERQUE, NEW MEXICO

Monitoring Well	Date Measured	Northing[a]	Easting[a]	Casing Elevation[b]	Depth to Water[c]	Groundwater Elevation[b]
NI-MW-2	1/13/2016	1493125.60	1520049.81	4962.74	32.84	4929.90
	6/29/2015				33.43	4929.31
	12/29/2014				34.25	4928.49
	6/17/2014				34.77	4927.97
	12/17/2013				35.35	4927.39
	6/5/2013				35.64	4927.10
	12/5/2012				36.22	4926.52
	4/3/2012				36.52	4926.22
	4/1/2011				37.39	4925.35
	9/2/2009				39.51	4923.23
	1/28/2009				39.22	4923.52
	7/1/2008				39.36	4923.38
	12/19/2007				38.69	4924.05
	5/17/2007				Not Measured	
RayMar -W	1/13/2016	1493133.53	1521195.91	4962.78	36.97	4925.81
	6/29/2015				37.85	4924.93
	12/29/2014				38.72	4924.06
	6/17/2014				39.17	4923.61
	12/17/2013				39.99	4922.79
	6/5/2013				40.22	4922.56
	12/5/2012				Inaccessable. Not Measured	
	4/2/2012				41.24	4921.54
	3/31/2011				42.31	4920.47
	9/2/2009				44.54	4918.24
	1/28/2009				44.23	4918.55
	7/1/2008				44.68	4918.10
	12/19/2007				44.26	4918.52
	5/17/2007				43.68	4919.10
RayMar -E	1/13/2016	1493130.46	1521306.83	4962.94	37.67	4925.27
	6/29/2015				38.42	4924.52
	12/29/2014				39.49	4923.45
	6/17/2014				40.02	4922.92
	12/17/2013				40.95	4921.99
SBM-1	1/14/2016	1492887.91	1524401.46	4995.03	86.18	4908.85
	7/2/2015				89.48	4905.55
	1/5/2015				89.60	4905.43
SBM-2	1/14/2016	1492885.10	1524417.29	4995.61	86.57	4909.04
	7/2/2015				89.51	4906.10
	1/5/2015				89.95	4905.66

NOTES:

[a] = Horizontal control to NM State Plane Coordinates Central NAD83 Grid Coordinates (in feet)

[b] = Vertical Control to NAVD88 Datum in feet above mean sea level

[c] = Measured in feet below the top of casing at survey point on north side of well

TABLE 3. SUMMARY OF SAMPLING METHOD AND ANALYSIS
LAUN-DRY SUPPLY COMPANY, INC., ALBUQUERQUE, NEW MEXICO

Well	Sampling Method	Sample Analysis
Laun-Dry Monitoring Wells		
MW-1	Disposable Bailer and New Twine/Rope	VOC - 8260B
MW-2	Disposable Bailer and New Twine/Rope	VOC - 8260B
MW-3	Disposable Bailer and New Twine/Rope	VOC - 8260B
MW-4	Disposable Bailer and New Twine/Rope	VOC - 8260B
MW-5	Disposable Bailer and New Twine/Rope	VOC - 8260B
MW-6	Disposable Bailer and New Twine/Rope	VOC - 8260B
MW-6A	Low Flow with Disposable Tubing	VOC -EPA Method 8260B; Nitrate and Sulfate - EPA Method 300.0; Arsenic and Manganese - EPA Method 6010B; Total Organic Carbon - EPA Method 9060; Ferrous Iron - HACH Kit
MW-6B	Low Flow with Disposable Tubing	VOC - 8260B
MW-6C	Low Flow with Disposable Tubing	VOC -EPA Method 8260B; Nitrate and Sulfate - EPA Method 300.0; Arsenic and Manganese - EPA Method 6010B; Total Organic Carbon - EPA Method 9060; Ferrous Iron - HACH Kit
MW-6D	Disposable Bailer and New Twine/Rope	VOC - 8260B
MW-6E	Disposable Bailer and New Twine/Rope	VOC - 8260B
MW-6F	Disposable Bailer and New Twine/Rope	VOC - 8260B
MW-6G	Disposable Bailer and New Twine/Rope	VOC - 8260B
MW-6HS	Disposable Bailer and New Twine/Rope	VOC - 8260B
MW-6HD	Disposable Bailer and New Twine/Rope	VOC - 8260B
MW-8	Disposable Bailer and New Twine/Rope	VOC - 8260B
MW-9	Disposable Bailer and New Twine/Rope	VOC - 8260B
MW-10	Disposable Bailer and New Twine/Rope	VOC - 8260B
MW-11	Disposable Bailer and New Twine/Rope	VOC - 8260B
MW-12	Disposable Bailer and New Twine/Rope	VOC - 8260B
MW-14S	Low Flow with Disposable Tubing	VOC - 8260B
MW-14D	Low Flow with Disposable Tubing	VOC - 8260B
MW-15S	Disposable Bailer and New Twine/Rope	VOC - 8260B
MW-15D	Low Flow with Disposable Tubing	VOC - 8260B
MW-16	Disposable Bailer and New Twine/Rope	VOC - 8260B
MW-17	Disposable Bailer and New Twine/Rope	VOC - 8260B
MW-18S	Disposable Bailer and New Twine/Rope	VOC - 8260B
MW-18D	Low Flow with Disposable Tubing	VOC - 8260B
MW-19	Disposable Bailer and New Twine/Rope	VOC - 8260B

TABLE 3. SUMMARY OF SAMPLING METHOD AND ANALYSIS
LAUN-DRY SUPPLY COMPANY, INC., ALBUQUERQUE, NEW MEXICO

Well	Sampling Method	Sample Analysis
OB-1	Disposable Bailer and New Twine/Rope	VOC - 8260B
OB-2	Low Flow with Disposable Tubing	VOC -EPA Method 8260B; Nitrate and Sulfate - EPA Method 300.0; Arsenic and Manganese - EPA Method 6010B; Total Organic Carbon - EPA Method 9060; Ferrous Iron - HACH Kit
OB-3	Low Flow with Disposable Tubing	VOC -EPA Method 8260B; Nitrate and Sulfate - EPA Method 300.0; Arsenic and Manganese - EPA Method 6010B; Total Organic Carbon - EPA Method 9060; Ferrous Iron - HACH Kit
SVE-1	Low Flow with Disposable Tubing	VOC -EPA Method 8260B; Nitrate and Sulfate - EPA Method 300.0; Arsenic and Manganese - EPA Method 6010B; Total Organic Carbon - EPA Method 9060; Ferrous Iron - HACH Kit
SVE-2	Disposable Bailer and New Twine/Rope	VOC - 8260B
SVE-3	Disposable Bailer and New Twine/Rope	VOC - 8260B
Various Other Site Monitoring Wells		
BIA-MW-3	Disposable Bailer and New Twine/Rope	VOC - 8260B
New BIA-E-MW	Disposable Bailer and New Twine/Rope	VOC - 8260B
BG-BMW-8	Disposable Bailer and New Twine/Rope	VOC - 8260B
BG-BMW-12	Disposable Bailer and New Twine/Rope	VOC - 8260B
CHMW- E	Disposable Bailer and New Twine/Rope	VOC - 8260B
NI-MW-2	Disposable Bailer and New Twine/Rope	VOC - 8260B
RayMar-W	Disposable Bailer and New Twine/Rope	VOC - 8260B
RayMar-E	Disposable Bailer and New Twine/Rope	VOC - 8260B
CA-FSY-14	Disposable Bailer and New Twine/Rope	VOC - 8260B
MW-4H-01	Disposable Bailer and New Twine/Rope	VOC - 8260B
MW-4H-02	Disposable Bailer and New Twine/Rope	VOC - 8260B
MW-4H-04	Disposable Bailer and New Twine/Rope	VOC - 8260B
MW-4H-06	Disposable Bailer and New Twine/Rope	VOC - 8260B
SBM-1	Low Flow with Disposable Tubing	VOC - 8260B
SBM-2	Low Flow with Disposable Tubing	VOC - 8260B
Sunset Memorial Cemeter	Not Sampled	VOC - 8260B
Sunset Memorial Cemeter	Not Sampled	VOC - 8260B

NOTES:
EPA = United States Environmental Protection Agency
VOC = Volatile organic compounds

TABLE 4. SUMMARY OF GROUNDWATER FIELD PARAMETERS
LAUN-DRY SUPPLY COMPANY, INC., ALBUQUERQUE, NEW MEXICO

Well Number	Date Sampled	pH	SpC (uS/cm)	Temp	ORP (mV)	DO (mg/L)
Laun-Dry Monitoring Wells						
MW-1	13-Jan-16	7.43	1,490	18.9	NM	NM
	30-Jun-15	7.25	1,435	20.8	NM	1.97
	31-Dec-14	7.23	1,521	17.9	NM	3.04
	17-Jun-14	7.07	1,528	20.0	NM	3.64
	18-Dec-13	7.26	1,910	19.5	NM	2.84
MW-2	13-Jan-16	7.41	705	18.4	NM	NM
	30-Jun-15	7.26	1,426	21.2	NM	1.12
	31-Dec-14	7.16	1,387	17.7	NM	1.13
	18-Jun-14	7.18	1,406	20.5	NM	1.10
	19-Dec-13	7.32	1,275	18.5	NM	2.03
MW-3	13-Jan-16	7.39	1,290	17.2	NM	NM
	30-Jun-15	7.21	1,436	19.4	NM	0.84
	31-Dec-14	7.17	1,256	16.9	NM	1.13
	19-Jun-14	7.08	1,358	22.3	-59.8	0.15
	18-Dec-13	7.31	1,161	18.6	NM	1.31
MW-4	15-Jan-16	7.03	1,396	19.0	NM	NM
	30-Jun-15	7.19	1,640	20.1	NM	0.73
	31-Dec-14	7.12	1,582	17.9	NM	1.97
	19-Jun-14	7.00	1,592	21.5	19.9	0.21
	19-Dec-13	7.29	1,471	18.4	NM	1.56
MW-5	13-Jan-16	7.41	1,708	18.0	NM	NM
	30-Jun-15	7.22	1,763	20.4	NM	0.83
	28-Jan-15	7.26	1,719	19.6	NM	1.68
	18-Jun-14	7.13	1,739	19.9	NM	1.36
	19-Dec-13	7.29	1,458	19.6	NM	2.28
MW-6	13-Jan-16	7.43	1,299	16.6	NM	NM
	30-Jun-15	7.26	1,292	19.2	NM	0.85
	31-Dec-14	7.18	1,246	16.5	NM	2.37
	19-Jun-14	7.06	1,320	22.2	76.8	0.30
	19-Dec-13	7.33	1,101	18.7	NM	1.69
MW-6A	20-Jan-16	7.71	1,425	18.4	-14.5	0.17
	22-Jul-15	6.59	1,408	21.75	-24.9	0.55
	30-Dec-14	7.10	1,333	16.8	-62.2	0.41
	19-Jun-14	7.10	1,316	21.1	-49.5	0.16
	19-Dec-13	7.36	1,155	19.0	NM	0.77

TABLE 4. SUMMARY OF GROUNDWATER FIELD PARAMETERS
LAUN-DRY SUPPLY COMPANY, INC., ALBUQUERQUE, NEW MEXICO

Well Number	Date Sampled	pH	SpC (uS/cm)	Temp	ORP (mV)	DO (mg/L)
MW-6B	14-Jan-16	7.51	702	18.0	NM	NM
	1-Jul-15	7.32	1,545	22.4	NM	2.47
	30-Dec-14	7.07	1,289	13.4	-33.7	0.15
	19-Jun-14	7.07	1,299	21.9	38.4	0.49
	19-Dec-13	7.44	1,560	18.8	NM	1.99
MW-6C	20-Jan-16	7.65	1,401	18.1	-102.4	0.90
	22-Jul-15	6.28	1,571	20.85	-94.1	0.74
	30-Dec-14	7.08	1,287	10.4	-39.0	1.04
	19-Jun-14	7.09	1,302	21.5	-34.4	0.38
	19-Dec-13	7.43	1,560	19.0	NM	1.14
MW-6D	13-Jan-16	7.35	1,994	18.7	NM	NM
	30-Jun-15	7.60	1,562	20.0	NM	5.62
	31-Dec-14	7.18	1,335	17.6	NM	1.98
	17-Jun-14	7.26	1,297	20.0	NM	2.56
	18-Dec-13	7.38	1,183	19.7	NM	2.65
MW-6E	15-Jan-16	7.18	1,295	18.6	NM	NM
	1-Jul-15	7.40	1,103	19.5	NM	1.25
	16-Jan-15	7.17	1,428	19.5	NM	0.44
	18-Jun-14	7.32	1,417	20.5	NM	1.47
	19-Dec-13	7.17	1,167	17.7	NM	0.71
MW-6F	13-Jan-16	7.42	1,766	18.6	NM	NM
	29-Jun-15	7.23	1,706	19.6	NM	1.04
	29-Dec-14	7.29	1,680	19.0	NM	0.74
	18-Jun-14	7.29	1,795	19.6	138.3	0.79
	18-Dec-13	7.03	1,386	17.3	NM	0.88
MW-6G	15-Jan-16	Not Enough Water to Measure				
	29-Jun-15	Could Not Access				
	29-Dec-14	Not Enough Water to Measure				
	19-Jun-14	7.14	1,745	19.5	NM	1.43
MW-6H-S	14-Jan-16	7.51	1,471	17.9	NM	NM
	30-Jun-15	7.22	1,018	18.8	NM	0.92
	29-Dec-14	7.07	1,750	19.4	NM	0.37
	18-Jun-14	7.02	2,152	19.6	-31.6	0.52
	18-Dec-13	6.56	1,457	16.0	NM	0.81

TABLE 4. SUMMARY OF GROUNDWATER FIELD PARAMETERS
LAUN-DRY SUPPLY COMPANY, INC., ALBUQUERQUE, NEW MEXICO

Well Number	Date Sampled	pH	SpC (uS/cm)	Temp	ORP (mV)	DO (mg/L)
MW-6H-D	13-Jan-16	7.55	1,412	17.6	NM	NM
	30-Jun-15	7.46	690	19.6	NM	1.79
	29-Dec-14	7.40	1,430	19.2	NM	0.52
	18-Jun-14	7.36	1,544	19.4	-65.6	0.71
	18-Dec-13	6.82	1,242	17.9	NM	0.74
MW-8	13-Jan-16	7.48	1,328	18.1	NM	NM
	1-Jul-15	7.29	1,341	20.4	NM	1.12
	31-Dec-14	7.24	NM	17.8	NM	0.47
	18-Jun-14	7.22	1,342	20.8	NM	1.14
	18-Dec-13	7.36	1,600	18.5	NM	1.35
MW-9	13-Jan-16	7.36	1,172	18.5	NM	NM
	30-Jun-15	7.28	1,222	20.2	NM	0.76
	31-Dec-14	7.23	1,236	17.3	NM	0.97
	17-Jun-14	7.26	1,267	20.8	NM	0.94
	18-Dec-13	6.63	1,116	17.8	NM	0.83
MW-10	13-Jan-16	7.38	671	18.7	NM	NM
	29-Jun-15	7.03	1,625	21.9	NM	NM
	29-Dec-14	7.09	1,607	17.9	NM	1.68
	17-Jun-14	6.89	1,727	20.6	NM	1.91
	17-Dec-13	7.46	2,140	18.6	NM	1.64
MW-11	13-Jan-16	7.36	1,078	17.7	NM	NM
	30-Jun-15	7.34	1,137	19.5	NM	1.11
	31-Dec-14	7.21	1,046	17.3	NM	2.18
	17-Jun-14	7.21	1,106	19.9	NM	1.25
	17-Dec-13	7.47	1,170	19.0	NM	1.80
MW-12	13-Jan-16	7.35	1,209	18.0	NM	NM
	30-Jun-15	7.27	1,199	20.7	NM	0.84
	31-Dec-14	7.18	1,113	17.6	NM	1.23
	18-Jun-14	7.17	1,374	20.3	NM	1.52
	19-Dec-13	6.82	1,034	19.2	NM	0.83
MW-14S	20-Jan-16	7.88	846	16.6	291.9	4.84
	22-Jul-15	7.10	746	22.9	-45.3	5.54
	22-Jan-15	7.71	904	17.8	NM	2.06
	31-Dec-14	7.36	NM	18.4	NM	0.83
	18-Jun-14	7.35	1,409	19.9	NM	1.64
	19-Dec-13	7.34	1,254	19.3	NM	1.49

TABLE 4. SUMMARY OF GROUNDWATER FIELD PARAMETERS
LAUN-DRY SUPPLY COMPANY, INC., ALBUQUERQUE, NEW MEXICO

Well Number	Date Sampled	pH	SpC (uS/cm)	Temp	ORP (mV)	DO (mg/L)
MW-14D	14-Jan-16	7.49	574	18.1	NM	NM
	1-Jul-15	7.42	1,052	24.1	NM	0.63
	30-Dec-14	7.30	1,020	15.9	36.1	0.65
	19-Jun-14	7.32	1,060	19.5	-33.0	0.02
	18-Dec-13	7.53	925	19.6	NM	1.25
MW-15S	15-Jan-16	7.10	1,234	18.9	NM	NM
	30-Jun-15	7.22	1,429	20.6	NM	0.56
	31-Dec-14	7.18	1,351	17.1	NM	1.05
	17-Jun-14	7.07	1,382	19.6	NM	1.06
	18-Dec-13	7.33	1,286	19.5	NM	1.03
MW-15D	20-Jan-16	7.42	969	18.2	NM	NM
	1-Jul-15	7.57	1,034	23.2	NM	0.61
	30-Dec-14	7.43	1,042	17.1	16.3	0.40
	19-Jun-14	7.45	1,085	19.6	31.1	0.07
	18-Dec-13	7.70	975	17.4	NM	4.69
MW-16	13-Jan-16	7.29	677	19.3	NM	NM
	29-Jun-15	7.16	1,449	20.2	NM	NM
	16-Dec-14	7.29	1,295	18.9	NM	NM
MW-17	15-Jan-16	6.86	1,557	19.2	NM	NM
	30-Jun-15	7.00	909	22.0	NM	0.83
	16-Dec-14	7.13	1,728	18.6	NM	NM
MW-18S	13-Jan-16	7.18	1,730	19.0	NM	NM
	29-Jun-15	7.06	1,793	20.8	NM	1.11
	16-Dec-14	7.20	1,516	20.1	NM	NM
MW-18D	14-Jan-16	8.04	305	19.1	NM	NM
	1-Jul-15	7.98	398	21.7	NM	0.59
	16-Jan-15	7.97	401	19.2	NM	NM
MW-19	13-Jan-16	7.26	637	21.2	NM	1.28
	29-Jun-15	7.14	1,389	20.7	NM	1.05
	16-Dec-14	7.12	1,465	18.3	NM	NM
OB-1	14-Jan-16	7.43	1,117	18.2	NM	NM
	30-Jun-15	7.32	1,250	18.7	NM	0.45
	30-Dec-14	7.21	1,204	16.4	-107.1	0.12

TABLE 4. SUMMARY OF GROUNDWATER FIELD PARAMETERS
LAUN-DRY SUPPLY COMPANY, INC., ALBUQUERQUE, NEW MEXICO

Well Number	Date Sampled	pH	SpC (uS/cm)	Temp	ORP (mV)	DO (mg/L)
OB-2	20-Jan-16	7.70	1,339	19.0	-88.5	0.45
	22-Jul-15	6.67	1,486	21.98	-81.8	0.17
	30-Dec-14	7.16	1,338	16.7	-123.3	0.30
OB-3	20-Jan-16	7.93	1,324	16.50	-40.5	0.36
	22-Jul-15	6.86	1,330	22.11	-65.4	0.26
	28-Jan-15	7.31	1,302	19.0	NM	0.19
SVE-1	20-Jan-16	7.70	1,852	18.4	107.4	0.77
	22-Jul-15	6.71	1,714	21.9	13.3	0.35
	30-Dec-14	6.99	1,740	15.2	33.1	0.62
	19-Jun-14	6.99	1,684	21.1	101.1	0.19
SVE-2	14-Jan-16	7.41	1,286	18.2	NM	NM
	30-Jun-15	7.25	1,344	19.2	NM	0.81
	30-Dec-14	7.07	1,323	16.3	-57.6	0.13
	19-Jun-14	7.05	1,379	21.8	3.6	0.26
SVE-3	14-Jan-16	7.27	1,443	17.8	NM	NM
	30-Jun-15	7.19	1,542	20.3	NM	0.82
	31-Dec-14	7.11	1,458	17.6	NM	1.42
	18-Jun-14	7.67	1,354	20.5	NM	1.09
Various Other Site Monitoring Wells						
BIA-MW-1	Well Not Sampled					
	30-Jun-15	Not Enough Water to Measure				
	29-Dec-14	Not Enough Water to Measure				
	Well Not Sampled					
	17-Dec-13	6.87	1,650	17.1	NM	3.87
BIA-MW-3	13-Jan-16	7.35	682	19.0	NM	NM
	30-Jun-15	7.34	1,617	18.9	NM	1.20
	29-Dec-14	7.19	1,698	17.7	NM	1.28
	17-Jun-14	7.14	1,861	20.2	NM	1.02
	17-Dec-13	7.23	1,870	18.9	NM	1.45
New BIA-E-MW	13-Jan-16	7.40	1,290	18.2	NM	NM
	1-Jul-15	7.13	647	19.0	NM	4.50
	29-Dec-14	7.10	NM	18.9	NM	0.50
	18-Jun-14	7.33	1,571	20.3	NM	1.43
	18-Dec-13	7.29	1,970	19.1	NM	1.40

TABLE 4. SUMMARY OF GROUNDWATER FIELD PARAMETERS
LAUN-DRY SUPPLY COMPANY, INC., ALBUQUERQUE, NEW MEXICO

Well Number	Date Sampled	pH	SpC (uS/cm)	Temp	ORP (mV)	DO (mg/L)
BG-BMW-8	13-Jan-16	7.08	1,280	18.8	NM	NM
	30-Jun-15	7.07	771	20.1	NM	1.01
	29-Dec-14	6.96	2,000	19.6	NM	0.54
	18-Jun-14	6.92	2,038	20.1	-66.7	0.39
	18-Dec-13	6.63	1,814	18.8	NM	0.73
BG-BMW-12	15-Jan-16	7.19	1,316	19.2	NM	NM
	30-Jun-15	7.32	315	19.6	NM	1.10
	29-Dec-14	7.16	3,880	19.4	NM	0.46
	18-Jun-14	7.17	1,630	19.8	-25.7	0.43
	18-Dec-13	6.58	1,304	17.1	NM	0.91
CA-FSY-14	13-Jan-16	7.37	1,644	18.4	NM	NM
	29-Jun-15	7.04	1,637	19.7	NM	2.45
	29-Dec-14	7.06	1,610	18.2	NM	0.75
	18-Jun-14	7.21	1,594	19.7	95.1	0.45
	18-Dec-13	6.72	1,165	15.2	NM	1.28
Catholic Cemetary North Well	2-Jul-15	7.83	870	21.4	NM	NM
Catholic Cemetary South Well	2-Jul-15	7.61	1,223	21.1	NM	NM
CHMW-E	13-Jan-16	7.36	1,573	18.5	NM	NM
	29-Jun-15	7.17	1,544	19.5	NM	0.98
	29-Dec-14	7.03	1,670	19.3	NM	0.51
	18-Jun-14	7.04	1,721	19.8	57.5	0.32
	18-Dec-13	6.68	1,340	19.0	NM	0.88
MW-4H-01	13-Jan-16	7.47	691	19.3	NM	NM
	29-Jun-15	7.42	1,546	20.2	NM	1.45
	29-Dec-14	7.00	1,261	18.3	NM	1.25
	17-Jun-14	7.22	1,583	19.8	140.1	0.62
	18-Dec-13	6.95	998	13.1	NM	1.46
MW-4H-02	13-Jan-16	7.57	688	19.4	NM	1.73
	29-Jun-15	7.54	1,604	20.2	NM	2.75
	29-Dec-14	7.25	1,580	18.6	NM	0.84
	18-Jun-14	7.38	1,530	19.9	40.7	0.71
	18-Dec-13	7.13	1,107	15.8	NM	1.22

TABLE 4. SUMMARY OF GROUNDWATER FIELD PARAMETERS
LAUN-DRY SUPPLY COMPANY, INC., ALBUQUERQUE, NEW MEXICO

Well Number	Date Sampled	pH	SpC (uS/cm)	Temp	ORP (mV)	DO (mg/L)
MW-4H-04	13-Jan-16	7.51	1,387	17.7	NM	NM
	1-Jul-15	7.50	322	20.0	NM	3.31
	31-Dec-14	7.38	NM	18.0	NM	0.55
	18-Jun-14	7.30	1,530	19.4	127.7	0.40
	19-Dec-13	7.01	1,167	16.3	NM	0.86
MW-4H-06	15-Jan-16	7.12	1,377	18.5	NM	NM
	7-Jul-15	7.25	1,606	20.3	NM	1.20
	29-Dec-14	7.03	NM	19.0	NM	0.54
	18-Jun-14	7.10	1,736	19.7	64.9	50.1
	18-Dec-13	6.86	1,357	16.0	NM	0.63
NI-MW-2	15-Jan-16	7.14	1,459	19.6	NM	NM
	30-Jun-15	7.32	414	20.1	NM	1.28
	31-Dec-14	6.98	1,150	19.4	NM	0.95
	18-Jun-14	7.15	1,693	20.2	-33.4	0.42
	19-Dec-13	7.17	1,364	17.1	NM	1.07
RayMar-W	15-Jan-16	7.32	1,233	18.4	NM	NM
	7-Jul-15	7.39	1,496	20.4	NM	1.56
	31-Dec-14	6.81	NM	17.2	NM	0.98
	18-Jun-14	7.32	1,583	19.8	7.3	0.65
	19-Dec-13	7.28	1,179	14.4	NM	1.03
RayMar-E	15-Jan-16	7.30	1,246	18.5	NM	NM
	1-Jul-15	7.56	538	19.4	NM	1.85
	31-Dec-14	7.39	NM	18.8	NM	0.85
	18-Jun-14	7.29	1,569	19.8	14.3	0.75
	19-Dec-13	7.27	1,317	18.5	NM	1.17
SBM-1	14-Jan-16	7.28	737	17.7	NM	NM
	2-Jul-15	7.29	1,189	21.3	NM	0.63
	5-Jan-15	6.97	1,211	16.9	180.5	0.63
SBM-2	14-Jan-16	7.35	675	19.4	NM	NM
	2-Jul-15	7.37	1,119	22.7	NM	6.85
	5-Jan-15	7.17	886	17.1	189.4	7.44

NOTES:
DO = Dissolved oxygen
mg/L = Milligrams per liter
mV = Millivolts
NA = Not analyzed
NM = Not measured
ORP = Oxidation Reduction Potential
Data rejected

TABLE 5. SUMMARY OF SAMPLE ANALYTICAL AND QUALITY CONTROL REQUIREMENTS
LAUN-DRY SUPPLY COMPANY, INC., ALBUQUERQUE, NEW MEXICO

Target Analytes	Matrix	Analytical Method	Sample Container	Preservative	Holding Time
VOCs	Water	EPA 8260B	3 x 40-mL glass vials	Mercuric Chloride; Cool to <6°C	14 days
Total Organic Carbon	Water	SM 5310B	2 x 40-mL glass vials	Hydrochloric Acid; Cool to <6°C	28 days
Total Dissolved Arsenic[1]	Water	EPA 6010	250 mL HDPE	Nitric Acid; Cool to <6°C	6 months
Total Dissolved Manganese[1]	Water	EPA 6010	250 mL HDPE	Nitric Acid; Cool to <6°C	6 months
Ferrous Iron[2]	Water	Hach Kit	20 mL Vial	None	NA
Nitrate	Water	EPA 300.0	250 mL HDPE	Cool to <6°C	48 hours
Sulfate	Water	EPA 300.0	250 mL HDPE	Cool to <6°C	28 days

NOTES:
[1] = Field filtered with a 0.45 micrometer filter
[2] = Field analysis using Hach Kit
EPA = U.S. Environmental Protection Agency
HDPE = High-density polyethylene
mL = milliliter
VOCs = Volatile organic compounds + naphthalenes
< = less than
°C = degrees Celcius

TABLE 6. SUMMARY OF ORGANIC GROUNDWATER ANALYTICAL RESULTS
LAUN-DRY SUPPLY COMPANY, INC., ALBUQUERQUE, NEW MEXICO

Monitoring Well	Date Sampled	PCE (µg/L)	TCE (µg/L)	*cis* DCE (µg/L)	*trans* DCE (µg/L)	1,1 DCE (µg/L)	Vinyl Chloride (µg/L)	1,1 DCA (µg/L)	MTBE (µg/L)	Total Napthalenes (µg/L)
Laun-Dry Monitoring Wells										
MW-1	1/15/2016	18	4.1	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0
	6/30/2015	21	3.3	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0
	12/31/2014	26	7.2	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0
	6/17/2014	56	7.2	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0
	12/18/2013	330	19	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<20
	6/6/2013	680	24	<10	<10	<10	<10	<10	<10	<40
	12/6/2012	690	23	<10	<10	<10	<10	<10	<10	<40
	4/5/2012	570	28	<10	<10	<10	<10	<10	<10	<40
	4/1/2011	580	36	2.3	3.3	<1.0	<1.0	<1.0	<1.0	<4.0
	9/2/2009	220	60	2.4	2.9	<1.0	<1.0	<1.0	<1.0	<4.0
	1/27/2009	390	61	2.5	3.1	<1.0	<1.0	<1.0	<1.0	<4.0
	7/3/2008	620	67	<10	<10	<10	<10	<10	<10	<40
	12/20/2007	1,800	130	5.9	7.7	<5.0	<5.0	<5.0	<5.0	<20
	5/18/2007	930	110	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<20
	8/21/2006	1,700	160	<50	<50	<50	<50	<100	<75	<200
	6/22/2005	660	110	4.0	4.0	<1	<5	<1	<1	<5
	9/26/2003	340	36	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<4.0
MW-2	1/15/2016	42	22	2.9	1.9	<1.0	<1.0	<1.0	<1.0	<4.0
	6/30/2015	49	25	4.0	1.9	<1.0	<1.0	<1.0	<1.0	<4.0
	12/31/2014	80	38	5.6	<5.0	<5.0	<5.0	<5.0	<5.0	<20
	6/18/2014	260	74	6.7	<5.0	<5.0	<5.0	<5.0	<5.0	<20
	12/19/2013	1,200	90	7.5	<5.0	<5.0	<5.0	<5.0	<5.0	<20
	6/6/2013	1,600	83	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<20
	12/6/2012	1,300	61	5.8	<5.0	<5.0	<5.0	<5.0	<5.0	<20
	4/5/2012	890	72	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<20
	4/1/2011	330	53	3.6	1.3	<1.0	<1.0	<1.0	<1.0	<4.0
	9/2/2009	1,700	270	9.0	<5.0	<5.0	<5.0	<5.0	<5.0	<20
	1/27/2009	1,200	230	6.1	<5.0	<5.0	<5.0	<5.0	<5.0	<20
	7/3/2008	720	180	6.6	<5.0	<5.0	<5.0	<5.0	<5.0	<20
	12/20/2007	1,700	140	4.6	2.0	<1.0	<1.0	<1.0	<1.0	<4.0
	5/18/2007	87	29	2.2	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0
	8/21/2006	4,500	730	<50	<50	<50	<50	<100	<75	<200
	6/22/2005	4,200	560	11	2.9	<1	<5	<1	<1	<5
	9/26/2003	3,200	860	2.7	8.3	<1.0	<2.0	<1.0	<1.0	<4.0
MW-3	1/15/2016	39	14	3.3	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0
	6/30/2015	12	13	2.5	<2.0	<2.0	<2.0	<2.0	<2.0	<8.0
	12/31/2014	3.1	17	2.7	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0
	6/19/2014	22	33	2.8	1.0	<1.0	<1.0	<1.0	<1.0	<4.0
	12/18/2013	1,500	25	3.5	<2.0	<2.0	<2.0	<2.0	<2.0	<8.0
	6/6/2013	440	76	<10	<10	<10	<10	<10	<10	<40
	12/6/2012	2,900	72	<10	<10	<10	<10	<10	<10	<40
	4/5/2012	450	73	3.0	1.1	<1.0	<1.0	<1.0	<1.0	<4.0
	4/1/2011	380	150	5.7	1.4	<1.0	<1.0	<1.0	<1.0	<4.0
	9/12/2009	76	180	6.8	2.1	<1.0	<1.0	<1.0	<1.0	<4.0
	1/27/2009	32	170	5.4	<5.0	<5.0	<5.0	<5.0	<5.0	<20
	7/3/2008	120	220	10	<5.0	<5.0	<5.0	<5.0	<5.0	<20
	12/20/2007	3,300	260	10	<5.0	<5.0	<5.0	<5.0	<5.0	<20
	5/18/2007	680	370	13	<5.0	<5.0	<5.0	<5.0	<5.0	<20
	8/21/2006	1,500	450	<50	<50	<50	<50	<100	<75	<200
	6/22/2005	1,100	400	8.6	2.2	<1	<5	<1	<1	<5
	9/26/2003	10,000	780	5.7	<1.0	<1.0	<2.0	<1.0	<1.0	<4.0
MW-4	1/15/2016	130	290	29	5.9	<1.0	<1.0	<1.0	<1.0	<4.0
	6/30/2015	160	380	34	<10	<10	<10	<10	<10	<40
	12/31/2014	240	570	31	<10	<10	<10	<10	<10	<40
	6/19/2014	750	920	38	8.2	<5.0	<5.0	<5.0	<5.0	<20
	12/19/2013	3,400	1,000	34	9.5	<5.0	<5.0	<5.0	<5.0	<20
	6/5/2013	2,300	1,100	43	<20	<20	<20	<20	<20	<80
	12/6/2012	3,100	1,300	49	<10	<10	<10	<10	<10	<40
	4/5/2012	3,100	2,000	61	<20	<20	<20	<20	<20	<80
	4/1/2011	3,400	3,600	39	8.4	<1.0	<1.0	<1.0	<1.0	<4.0
	9/2/2009	700	1,300	16	6.0	<5.0	<5.0	<5.0	<5.0	<20
	1/26/2009	1,100	1,600	18	<5.0	<5.0	<5.0	<5.0	<5.0	<20
	7/3/2008	430	970	12	<10	<10	<10	<10	<10	<40
	12/20/2007	600	980	13	<10	<10	<10	<10	<10	<40
	5/16/2007	5,000	4,400	42	<10	<10	<10	<10	<10	<40
	8/21/2006	930	1,200	<50	<50	<50	<50	<100	<75	<200
	6/22/2005	6,400	3,200	12	2.2	<1	<5	<1	<1	<5

TABLE 6. SUMMARY OF ORGANIC GROUNDWATER ANALYTICAL RESULTS
LAUN-DRY SUPPLY COMPANY, INC., ALBUQUERQUE, NEW MEXICO

Monitoring Well	Date Sampled	PCE (µg/L)	TCE (µg/L)	*cis* DCE (µg/L)	*trans* DCE (µg/L)	1,1 DCE (µg/L)	Vinyl Chloride (µg/L)	1,1 DCA (µg/L)	MTBE (µg/L)	Total Napthalenes (µg/L)
MW-5	1/15/2016	130	1,500	76	17	<10	<10	<10	<10	<40
	6/30/2015	88	1,500	110	35	<5.0	<5.0	<5.0	<5.0	<20
	1/28/2015	100	1,800	120	33	<1.0	<1.0	<1.0	<1.0	<4.0
	6/18/2014	120	2,000	130	63	<10	<10	<10	<10	<40
	12/19/2013	60	2,200	160	52	<5.0	<5.0	<5.0	<5.0	<20
	6/6/2013	260	2,900	69	13	<10	<10	<10	<10	<40
	12/5/2012	250	2,800	71	21	<10	<10	<10	<10	<40
	4/3/2012	10	1,600	150	82	<5.0	<5.0	<5.0	<5.0	<20
	3/31/2011	5.5	1,500	140	46	<1.0	<1.0	<1.0	<1.0	<4.0
	9/2/2009	<10	2,200	190	78	<10	<10	<10	<10	<40
	1/27/2009	Damaged. Not Sampled								
	7/3/2008	Damaged. Not Sampled								
	12/19/2007	Damaged. Not Sampled								
	5/16/2007	940	3,600	39	12	<10	<10	<10	<10	<40
	8/21/2006	1,400	6,400	<100	<100	<100	<100	<200	<150	<400
	6/22/2005	1,200	3,000	37	15	<1	<5	<1	<1	<5
MW-6	1/15/2016	12	8.3	2.6	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0
	6/30/2015	17	8.1	2.4	<2.0	<2.0	<2.0	<2.0	<2.0	<8.0
	12/31/2014	13	11	3.9	<2.0	<2.0	<2.0	<2.0	<2.0	<8.0
	6/19/2014	120	28	4.0	<2.0	<2.0	<2.0	<2.0	<2.0	<8.0
	12/19/2013	280	25	5.7	<2.0	<2.0	<2.0	<2.0	<2.0	<8.0
	6/6/2013	2,600	110	<10	<10	<10	<10	<10	<10	<40
	12/6/2012	2,400	90	<10	<10	<10	<10	<10	<10	<40
	4/5/2012	640	91	7.4	2.1	<1.0	<1.0	<1.0	<1.0	<4.0
	4/1/2011	1,900	320	6.7	2.5	<1.0	<1.0	<1.0	<1.0	<4.0
	9/2/2009	1,900	490	10	<5.0	<5.0	<5.0	<5.0	<5.0	<20
	1/27/2009	1,800	520	9.6	<5.0	<5.0	<5.0	<5.0	<5.0	<20
	7/3/2008	850	500	11	<5.0	<5.0	<5.0	<5.0	<5.0	<20
	12/20/2007	1,700	470	17	5.1	<5.0	<5.0	<5.0	<5.0	<20
	5/18/2007	1,500	720	21	<10	<10	<10	<10	<10	<40
	8/21/2006	1,800	590	<50	<50	<50	<50	<100	<75	<200
	6/22/2005	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0
MW-6A	1/20/2016	<1.0	5.1	2.2	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0
	7/22/2015	1.2	4.7	2.3	1.1	<1.0	<1.0	<1.0	<1.0	<4.0
	12/30/2014	3.2	6.3	2.7	1.1	<1.0	<1.0	<1.0	<1.0	<4.0
	6/19/2014	8.8	11	2.5	1.1	<1.0	<1.0	<1.0	<1.0	<4.0
	12/19/2013	5,000	74	<10	<10	<10	<10	<10	<10	<40
	6/6/2013	35	21	3.7	1.5	<1.0	<1.0	<1.0	<1.0	<4.0
	12/6/2012	5,600	77	5.2	<5.0	<5.0	<5.0	<5.0	<5.0	<20
	4/5/2012	900	43	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<20
MW-6B	1/14/2016	110	3.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0
	7/1/2015	30	4.3	1.5	1.1	<1.0	<1.0	<1.0	<1.0	<4.0
	12/30/2014	17	7.7	2.8	2.3	<1.0	<1.0	<1.0	<1.0	<4.0
	6/19/2014	750	7.8	2.1	<2.0	<2.0	<2.0	<2.0	<2.0	<8.0
	12/19/2013	1,300	<10	<10	<10	<10	<10	<10	<10	<40
	6/5/2013	170,000	94	<50	<50	<50	<50	<50	<50	<200
	12/6/2012	57,000	160	<50	<50	<50	<50	<50	<50	<200
	4/5/2012	10,000	56	<20	<20	<20	<20	<20	<20	<80
MW-6C	1/20/2016	2.3	1.2	22	1.5	<1.0	<1.0	<1.0	<1.0	<4.0
	7/22/2015	24	6.4	22	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0
	12/30/2014	4.1	61	11	4.1	<1.0	<1.0	<1.0	<1.0	<4.0
	6/19/2014	29	190	14	4.4	<1.0	<1.0	<1.0	<1.0	<4.0
	12/19/2013	1.0	170	14	4.1	<1.0	<1.0	<1.0	<1.0	<4.0
	6/6/2013	2,700	860	14	5.5	<5.0	<5.0	<5.0	<5.0	<20
	12/6/2012	720	950	21	<5.0	<5.0	<5.0	<5.0	<5.0	<20
	4/5/2012	290	1,100	16	<10	<10	<10	<10	<10	<40
MW-6D	1/14/2016	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0
	6/30/2015	<1.0	3.0	1.3	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0
	12/31/2014	<2.0	35	18	16	<2.0	<2.0	<2.0	<2.0	<8.0
	6/17/2014	<1.0	73	43	38	<1.0	<1.0	<1.0	<1.0	<4.0
	12/18/2013	<2.0	64	43	45	<2.0	<2.0	<2.0	<2.0	<8.0
	6/5/2013	<1.0	96	50	46	<1.0	<1.0	<1.0	<1.0	<4.0
	12/5/2012	<2.0	110	46	38	<2.0	<2.0	<2.0	<2.0	<8.0
	4/4/2012	<2.0	180	50	41	<2.0	<2.0	<2.0	<2.0	<8.0
MW-6E	1/15/2016	<1.0	210	87	87	<1.0	<1.0	<1.0	<1.0	<4.0
	7/1/2015	<1.0	260	93	84	<1.0	<1.0	<1.0	<1.0	<4.0
	1/16/2015	<10	360	100	100	<10	<10	<10	<10	<40
	6/18/2014	<10	410	120	92	<10	<10	<10	<10	<40
	12/19/2013	<10	510	110	93	<10	<10	<10	<10	<40
	6/5/2013	<1.0	690	120	87	<1.0	<1.0	<1.0	<1.0	<4.0
	12/5/2012	<1.0	680	120	83	<1.0	<1.0	<1.0	<1.0	<4.0
	4/4/2012	1.6	760	140	71	<1.0	<1.0	<1.0	<1.0	<4.0

TABLE 6. SUMMARY OF ORGANIC GROUNDWATER ANALYTICAL RESULTS
LAUN-DRY SUPPLY COMPANY, INC., ALBUQUERQUE, NEW MEXICO

Monitoring Well	Date Sampled	PCE (µg/L)	TCE (µg/L)	*cis* DCE (µg/L)	*trans* DCE (µg/L)	1,1 DCE (µg/L)	Vinyl Chloride (µg/L)	1,1 DCA (µg/L)	MTBE (µg/L)	Total Napthalenes (µg/L)
MW-6F	1/14/2016	<1.0	1.5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0
	6/29/2015	<1.0	1.4	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0
	12/29/2014	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<8.0
	6/18/2014	<1.0	2.5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0
	12/18/2013	<2.0	3.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<8.0
	6/5/2013	<1.0	4.0	1.3	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0
	12/5/2012	<2.0	5.5	2.8	<2.0	<2.0	<2.0	<2.0	<2.0	<8.0
	4/3/2012	<2.0	11	7.2	2.7	<2.0	<2.0	<2.0	<2.0	<8.0
MW-6G	1/15/2016	1.3	91	65	83	<1.0	<1.0	<1.0	<1.0	<4.0
	6/29/2015	Not Sampled - No Access								
	12/29/2014	2.1	69	45	61	<2.0	<2.0	<2.0	<2.0	<8.0
	6/19/2014	<2.0	80	49	80	<2.0	<2.0	<2.0	<2.0	<8.0
	12/17/2013	Not Sampled - No Access								
	6/5/2013	2.5	69	41	69	<1.0	<1.0	<1.0	<1.0	<4.0
	12/5/2012	Not Sampled								
	4/4/2012	1.3	71	42	66	<1.0	<1.0	<1.0	<1.0	<4.0
MW-6H-S	1/15/2016	<1.0	140	59	70	<1.0	<1.0	<1.0	<1.0	<4.0
	6/30/2015	<1.0	110	53	68	<1.0	<1.0	<1.0	<1.0	<4.0
	12/29/2014	<2.0	94	45	52	<2.0	<2.0	<2.0	<2.0	<8.0
	6/18/2014	<1.0	47	38	50	<1.0	<1.0	<1.0	<1.0	<4.0
	12/18/2013	<2.0	5.8	37	63	<2.0	<2.0	<2.0	<2.0	<8.0
	6/5/2013	<2.0	7.2	32	42	<2.0	<2.0	<2.0	<2.0	<8.0
	12/5/2012	<2.0	8.0	23	25	<2.0	<2.0	<2.0	<2.0	<8.0
	4/3/2012	2.8	43	20	21	<1.0	<1.0	<1.0	<1.0	<4.0
MW-6H-D	1/15/2016	3.2	110	29	34	<1.0	<1.0	<1.0	<1.0	<4.0
	6/30/2015	3.8	90	26	30	<1.0	<1.0	<1.0	<1.0	<4.0
	12/29/2014	4.0	90	24	29	<1.0	<1.0	<1.0	<1.0	<4.0
	6/18/2014	4.1	90	22	30	<1.0	<1.0	<1.0	<1.0	<4.0
	12/18/2013	4.2	87	22	29	<1.0	<1.0	<1.0	<1.0	<4.0
	6/5/2013	<1.0	2.5	28	35	<1.0	<1.0	<1.0	<1.0	<4.0
	12/5/2012	<1.0	1.7	50	13	<1.0	<1.0	<1.0	<1.0	<4.0
	4/3/2012	6.5	62	15	19	<1.0	<1.0	<1.0	<1.0	<4.0
MW-8	1/15/2016	<1.0	260	99	89	<1.0	<1.0	<1.0	<1.0	<4.0
	7/1/2015	<1.0	73	23	18	<1.0	<1.0	<1.0	<1.0	<4.0
	12/31/2014	<5.0	400	110	79	<5.0	<5.0	<5.0	<5.0	<20
	6/18/2014	<5.0	580	130	83	<5.0	<5.0	<5.0	<5.0	<20
	12/18/2013	7.9	550	120	88	<5.0	<5.0	<5.0	<5.0	<20
	6/5/2013	11	880	150	90	<1.0	<1.0	<1.0	<1.0	<4.0
	12/5/2012	<5.0	1,000	130	76	<5.0	<5.0	<5.0	<5.0	<20
	4/4/2012	<5.0	1,000	150	96	<5.0	<5.0	<5.0	<5.0	<20
	3/31/2011	2.4	1,500	150	57	<1.0	<1.0	<1.0	<1.0	<4.0
	9/2/2009	15	1,200	170	72	<5.0	<5.0	<5.0	<5.0	<20
	1/26/2009	8.4	1,400	140	64	<5.0	<5.0	<5.0	<5.0	<20
	7/7/2008	<5.0	1,500	160	70	<5.0	<5.0	<5.0	<5.0	<20
	12/19/2007	<5.0	1,200	274	84	<5.0	<5.0	<5.0	<5.0	<20
	5/15/2007	17	2,300	240	82	<10	<10	<10	<10	<40
MW-9	1/14/2016	<1.0	4.2	4.4	1.5	<1.0	<1.0	<1.0	<1.0	<4.0
	6/30/2015	<1.0	5.9	5.3	2.9	<1.0	<1.0	<1.0	<1.0	<4.0
	12/31/2014	2.4	9.3	7.6	3.9	<1.0	<1.0	<1.0	<1.0	<4.0
	6/17/2014	6.2	20	11	6.0	<1.0	<1.0	<1.0	<1.0	<4.0
	12/18/2013	21	21	9.8	6.7	<1.0	<1.0	<1.0	<1.0	<4.0
	6/6/2013	53	67	20	12	<5.0	<5.0	<5.0	<5.0	<20
	12/6/2012	58	95	20	14	<5.0	<5.0	<5.0	<5.0	<20
	4/4/2012	14	130	32	27	<1.0	<1.0	<1.0	<1.0	<4.0
	3/31/2011	4.2	140	22	28	<1.0	<1.0	<1.0	<1.0	<4.0
	9/1/2009	7.1	50	7.7	6.0	<1.0	<1.0	<1.0	<1.0	<4.0
	1/27/2009	4.3	44	5.6	3.4	<1.0	<1.0	<1.0	<1.0	<4.0
	7/1/2008	130	280	26	18	<5.0	<5.0	<5.0	<5.0	<20
	12/19/2007	55	200	20	17	<2.0	<2.0	<2.0	<2.0	<8.0
	5/16/2007	140	160	8.0	5.1	<1.0	<1.0	<1.0	<1.0	<4.0
MW-10	1/13/2016	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0
	6/29/2015	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0
	12/29/2014	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0
	6/17/2014	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0
	12/17/2013	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0
	6/5/2013	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0
	12/6/2012	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0
	4/4/2012	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0
	3/31/2011	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0
	9/1/2009	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0
	1/27/2009	1.4	4.5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0
	7/1/2008	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0
	12/20/2007	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	2.1
	5/16/2007	<1.0	1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	11

TABLE 6. SUMMARY OF ORGANIC GROUNDWATER ANALYTICAL RESULTS
LAUN-DRY SUPPLY COMPANY, INC., ALBUQUERQUE, NEW MEXICO

Monitoring Well	Date Sampled	PCE (µg/L)	TCE (µg/L)	*cis* DCE (µg/L)	*trans* DCE (µg/L)	1,1 DCE (µg/L)	Vinyl Chloride (µg/L)	1,1 DCA (µg/L)	MTBE (µg/L)	Total Napthalenes (µg/L)
MW-11	1/14/2016	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0
	6/30/2015	1.7	1.3	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0
	12/31/2014	1.7	1.9	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0
	6/17/2014	15	10	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0
	12/17/2013	4.7	13	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0
	6/5/2013	4.9	2.5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0
	12/6/2012	37	6.7	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0
	4/4/2012	32	47	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0
	4/1/2011	31	18	1.1	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0
	9/1/2009	5.8	24	1.7	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0
	1/27/2009	10	35	1.6	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0
	7/1/2008	8.1	49	1.9	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0
	12/19/2007	28	59	2.3	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0
	5/16/2007	24	51	1.9	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0
MW-12	1/14/2016	11	29	8.9	7.7	<1.0	<1.0	<1.0	<1.0	<4.0
	6/30/2015	12	47	10	7.8	<1.0	<1.0	<1.0	<1.0	<4.0
	12/31/2014	23	96	17	13	<1.0	<1.0	<1.0	<1.0	<4.0
	6/18/2014	89	310	23	20	<5.0	<5.0	<5.0	<5.0	<20
	12/19/2013	130	340	16	18	<5.0	<5.0	<5.0	<5.0	<20
	6/6/2013	11	330	14	8.7	<1.0	<1.0	<1.0	<1.0	<4.0
	12/6/2012	31	260	28	17	<1.0	<1.0	<1.0	<1.0	<4.0
	4/4/2012	3.7	81	27	18	<1.0	<1.0	<1.0	<1.0	<4.0
	3/31/2011	5.0	210	29	25	<1.0	<1.0	<1.0	<1.0	<4.0
	9/1/2009	1.1	210	33	24	<1.0	<1.0	<1.0	<1.0	<4.0
	1/27/2009	3.7	180	37	21	<2.0	<2.0	<2.0	<2.0	<8.0
	7/1/2008	5.2	140	11	<5.0	<5.0	<5.0	<5.0	<5.0	<20
	12/19/2007	8.3	230	35	23	<2.0	<2.0	<2.0	<2.0	<8.0
	5/16/2007	8.2	170	4.1	1.2	<1.0	<1.0	<1.0	<1.0	<4.0
MW-14S	1/20/2016	<1.0	6.0	1.8	3.7	<1.0	<1.0	<1.0	<1.0	<4.0
	7/22/2015	2.5	95	16	10	<1.0	<1.0	<1.0	<1.0	<4.0
	12/31/2014	<10	850	200	77	<10	<10	<10	<10	<40
	6/18/2014	5.6	1,500	220	73	<5.0	<5.0	<5.0	<5.0	<20
	12/19/2013	30	1,700	200	85	<5.0	<5.0	<5.0	<5.0	<20
	6/5/2013	97	3,100	220	77	<20	<20	<20	<20	<80
	12/6/2012	110	3,100	200	70	<20	<20	<20	<20	<80
	4/5/2012	36	3,700	280	93	<20	<20	<20	<20	<80
	4/1/2011	4.5	4,200	370	96	1.4	<1.0	<1.0	<1.0	<4.0
	9/2/2009	49	2,000	300	170	<5.0	<5.0	<5.0	<5.0	<20
	1/26/2009	61	2,100	230	76	<5.0	<5.0	<5.0	<5.0	<20
	7/3/2008	26	2,400	230	48	<10	<10	<10	<10	<40
	12/19/2007	14	970	220	22	<5.0	<5.0	<5.0	<5.0	<20
	5/16/2007	18	190	11	2.7	<1.0	<1.0	<1.0	<1.0	<4.0
MW-14D	1/14/2016	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0
	7/1/2015	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0
	12/30/2014	<1.0	1.1	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0
	6/19/2014	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0
	12/18/2013	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0
	6/5/2013	3.3	5.5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0
	12/6/2012	2.8	5.5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0
	4/5/2012	1.8	4.3	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0
	4/1/2011	15	28	<1.0	1.2	<1.0	<1.0	<1.0	<4.0	<4.0
	9/1/2009	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0
	1/26/2009	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0
	7/3/2008	10	19	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0
	12/19/2007	2.0	4.8	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0
	5/15/2007	<1.0	1.3	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0
MW-15S	1/15/2016	17	140	110	110	<1.0	<1.0	<1.0	<1.0	<4.0
	6/30/2015	20	170	96	120	<2.0	<2.0	<2.0	<2.0	<8.0
	12/31/2014	32	210	150	190	<2.0	<2.0	<2.0	<2.0	<8.0
	6/17/2014	31	210	140	240	<1.0	<1.0	<1.0	<1.0	<4.0
	12/18/2013	79	310	130	240	<2.0	<2.0	<2.0	<2.0	<8.0
	6/5/2013	11	220	140	290	<1.0	<1.0	<1.0	<1.0	<4.0
	12/6/2012	46	240	150	250	<1.0	<1.0	<1.0	<1.0	<4.0
	4/5/2012	11	31	19	35	<1.0	<1.0	<1.0	<1.0	<4.0
	4/1/2011	4.0	270	160	290	<1.0	<1.0	<1.0	<1.0	<4.0
	9/2/2009	1.7	250	130	250	<1.0	<1.0	<1.0	<1.0	<4.0
	1/26/2009	<1.0	280	180	330	<1.0	<1.0	<1.0	<1.0	<4.0
	7/3/2008	<10	470	220	440	<10	<10	<10	<10	<40
	12/19/2007	<10	560	260	440	<10	<10	<10	<10	<40
	5/16/2007	<1.0	720	300	430	<10	<10	<10	<10	<40

TABLE 6. SUMMARY OF ORGANIC GROUNDWATER ANALYTICAL RESULTS
LAUN-DRY SUPPLY COMPANY, INC., ALBUQUERQUE, NEW MEXICO

Monitoring Well	Date Sampled	PCE (µg/L)	TCE (µg/L)	*cis* DCE (µg/L)	*trans* DCE (µg/L)	1,1 DCE (µg/L)	Vinyl Chloride (µg/L)	1,1 DCA (µg/L)	MTBE (µg/L)	Total Napthalenes (µg/L)
MW-15D	1/20/2016	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0
	7/1/2015	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0
	12/30/2014	<1.0	1.1	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0
	6/19/2014	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0
	12/18/2013	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0
	6/5/2013	3.1	5.1	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0
	12/6/2012	2.8	4.5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0
	4/4/2012	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0
	4/1/2011	<1.0	1.1	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0
	9/1/2009	<1.0	1.3	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0
	1/26/2009	<1.0	3.2	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0
	7/3/2008	<1.0	1.3	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0
	12/19/2007	<1.0	1.9	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0
	5/15/2007	<1.0	1.4	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0
MW-16	1/13/2016	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0
	6/29/2015	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<8.0
	12/16/2014	1.1	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0
MW-17	1/15/2016	3.1	240	50	46	<1.0	<1.0	<1.0	<1.0	<4.0
	6/30/2015	2.7	150	35	35	<1.0	<1.0	<1.0	<1.0	<4.0
	12/16/2014	1.2	57	13	11	<1.0	<1.0	<1.0	1.0	<4.0
MW-18S	1/15/2016	<1.0	15	7.3	8.9	<1.0	<1.0	<1.0	<1.0	<4.0
	6/29/2015	<1.0	4.1	2.5	1.7	<1.0	<1.0	<1.0	<1.0	<4.0
	12/16/2014	<1.0	3.4	1.6	1.3	<1.0	<1.0	<1.0	<1.0	<4.0
MW-18D	1/14/2016	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0
	7/1/2015	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0
	1/16/2015	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0
MW-19	1/13/2016	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	4.3	<4.0
	6/29/2015	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	4.7	<4.0
	12/16/2014	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	3.6	<4.0
OB-1	1/14/2016	<1.0	3.6	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0
	6/30/2015	<2.0	3.2	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<8.0
	12/30/2014	<1.0	7.4	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0
OB-2	1/20/2016	28	38	15	5.2	<1.0	<1.0	<1.0	<1.0	<4.0
	7/22/2015	130	140	40	14	<1.0	<1.0	<1.0	<1.0	<4.0
	12/30/2014	37	130	26	5.1	<1.0	<1.0	<1.0	<1.0	<4.0
OB-3	1/20/2016	<1.0	130	68	17	<1.0	<1.0	<1.0	<1.0	<4.0
	7/22/2015	<1.0	220	75	17	<1.0	<1.0	<1.0	<1.0	<4.0
	1/28/2015	<1.0	440	84	13	<1.0	<1.0	<1.0	<1.0	<4.0
SVE-1	1/20/2016	190	51	4.0	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0
	7/22/2015	230	33	4.2	1.6	<1.0	<1.0	<1.0	<1.0	<4.0
	12/30/2014	510	56	6.6	<5.0	<5.0	<5.0	<5.0	<5.0	<20
	6/19/2014	860	160	13	<10	<10	<10	<10	<10	<40
SVE-2	1/14/2016	15	22	3.2	1.5	<1.0	<1.0	<1.0	<1.0	<4.0
	6/30/2015	11	26	2.6	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0
	12/30/2014	14	36	4.9	1.7	<1.0	<1.0	<1.0	<1.0	<4.0
	6/19/2014	120	70	3.6	<2.0	<2.0	<2.0	<2.0	<2.0	<8.0
SVE-3	1/14/2016	9.9	12	3.2	4.1	<2.0	<2.0	<2.0	<2.0	<8.0
	6/30/2015	16	7.6	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<8.0
	12/31/2014	22	5.7	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<8.0
	6/18/2014	54	12	2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<8.0

TABLE 6. SUMMARY OF ORGANIC GROUNDWATER ANALYTICAL RESULTS
LAUN-DRY SUPPLY COMPANY, INC., ALBUQUERQUE, NEW MEXICO

Monitoring Well	Date Sampled	PCE (µg/L)	TCE (µg/L)	*cis* DCE (µg/L)	*trans* DCE (µg/L)	1,1 DCE (µg/L)	Vinyl Chloride (µg/L)	1,1 DCA (µg/L)	MTBE (µg/L)	Total Napthalenes (µg/L)
Various Other Site Monitoring Wells										
BIA-MW-1 (AKA BIA-MW-2)	6/30/2015	<1.0	3.1	3.3	1.6	<1.0	<1.0	<1.0	<1.0	<4.0
	12/29/2014	<1.0	6.7	6.6	4.5	<1.0	<1.0	<1.0	<1.0	<4.0
	6/17/2014	Not Sampled								
	12/17/2013	<1.0	11	9.6	5.0	<1.0	<1.0	<1.0	<1.0	<4.0
	6/5/2013	Not Sampled								
	12/5/2012	Not Sampled								
	3/31/2011	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	1.1	<4.0
	9/1/2012	<1.0	1.8	4	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0
	1/27/2009	Bailer still obstructing well.								
	7/7/2008	Bailer lost in well.								
	12/19/2007	<1.0	40	30	8.6	<1.0	<1.0	<1.0	1.1	<4.0
	5/16/2007	<1.0	31	27	5.4	<1.0	<1.0	<1.0	<1.0	<4.0
BIA-MW-3	1/13/2016	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0
	6/30/2015	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0
	12/29/2014	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0
	6/17/2014	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0
	12/17/2013	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0
	6/5/2013	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0
	12/5/2012	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0
	4/4/2012	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0
	3/31/2011	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0
	9/1/2009	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	1.7	<4.0
	1/26/2009	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	1.5	<4.0
	7/7/2008	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	2.0	<4.0
	12/19/2007	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	2.8	<4.0
	5/15/2007	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	1.6	<4.0
New BIA-E-MW	1/15/2016	<1.0	53	32	43	<1.0	<1.0	<1.0	<1.0	<4.0
	7/1/2015	<1.0	83	51	72	<1.0	<1.0	<1.0	<1.0	<4.0
	12/29/2014	<5.0	180	110	130	<5.0	<5.0	<5.0	<5.0	<20
	6/18/2014	<1.0	280	140	150	<1.0	<1.0	<1.0	<1.0	<4.0
	12/18/2013	<5.0	330	120	160	<5.0	<5.0	<5.0	<5.0	<20
	6/5/2013	<1.0	570	170	160	<1.0	<1.0	<1.0	<1.0	<4.0
	12/5/2012	<1.0	310	77	68	<1.0	<1.0	<1.0	<1.0	<4.0
	4/4/2012	<5.0	1,100	200	89	<5.0	<5.0	<5.0	<5.0	<20
	3/31/2011	<1.0	1,300	190	40	<1.0	<1.0	<1.0	<1.0	<4.0
	9/2/2009	<1.0	1,600	190	75	1.1	<1.0	<1.0	<1.0	<4.0
	1/27/2009	<1.0	1,200	190	54	<1.0	<1.0	<1.0	<1.0	<4.0
	7/7/2008	<1.0	1,000	230	46	<1.0	<1.0	<1.0	<1.0	<4.0
	12/19/2007	<1.0	500	93	31	<1.0	<1.0	<1.0	<1.0	<4.0
BG-BMW-1	12/17/2013	Not Sampled - Could Not Locate								
	6/5/2013	<1.0	6.3	46	91	<1.0	<1.0	<1.0	<1.0	<4.0
	12/5/2012	<1.0	19	47	83	<1.0	<1.0	<1.0	<1.0	<4.0
	4/2/2012	<1.0	10	45	79	<1.0	<1.0	<1.0	<1.0	<4.0
	3/31/2011	<1.0	1.9	18	29	<1.0	<1.0	<1.0	<1.0	<4.0
	9/1/2009	<1.0	38	31	42	<1.0	<1.0	<1.0	<1.0	<4.0
	1/28/2009	3.1	81	28	32	<1.0	<1.0	<1.0	<1.0	<4.0
	7/2/2008	<1.0	56	43	57	<1.0	<1.0	<1.0	<1.0	<4.0
	12/20/2007	2.4	140	42	48	<2.0	<2.0	<2.0	<2.0	<8.0
	5/17/2007	<2.0	140	96	96	<2.0	<2.0	<2.0	<2.0	<8.0
BG-BMW-7	1/27/2009	Paved Over. Not Sampled.								
	7/2/2008	Dry								
	12/19/2007	Dry								
	5/17/2007	<5.0	290	150	160	<5.0	<5.0	<5.0	10	<20
BG-BMW-8	1/15/2016	<1.0	26	43	68	<1.0	<1.0	<1.0	<1.0	<4.0
	6/30/2015	<1.0	21	38	59	<1.0	<1.0	<1.0	<1.0	<4.0
	12/29/2014	<2.0	24	37	54	<2.0	<2.0	<2.0	<2.0	<8.0
	6/18/2014	<1.0	17	35	60	<1.0	<1.0	<1.0	<1.0	<4.0
	12/18/2013	<1.0	16	27	40	<1.0	<1.0	<1.0	<1.0	<4.0
	6/5/2013	<0.2	6.9	34	54	<0.2	0.5	<0.1	<0.1	<0.3

TABLE 6. SUMMARY OF ORGANIC GROUNDWATER ANALYTICAL RESULTS
LAUN-DRY SUPPLY COMPANY, INC., ALBUQUERQUE, NEW MEXICO

Monitoring Well	Date Sampled	PCE (µg/L)	TCE (µg/L)	*cis* DCE (µg/L)	*trans* DCE (µg/L)	1,1 DCE (µg/L)	Vinyl Chloride (µg/L)	1,1 DCA (µg/L)	MTBE (µg/L)	Total Napthalenes (µg/L)
BG-BMW-12	1/15/2016	<1.0	280	73	75	<1.0	<1.0	<1.0	<1.0	<4.0
	6/30/2015	<1.0	230	59	62	<1.0	<1.0	<1.0	<1.0	<4.0
	12/29/2014	<2.0	190	53	58	<2.0	<2.0	<2.0	<2.0	<8.0
	6/18/2014	<1.0	180	47	55	<1.0	<1.0	<1.0	<1.0	<4.0
	12/18/2013	<1.0	140	36	43	<1.0	<1.0	<1.0	<1.0	<4.0
	6/5/2013	<1.0	150	36	46	<1.0	<1.0	<1.0	<1.0	<4.0
	12/5/2012	<1.0	110	30	38	<1.0	<1.0	<1.0	<1.0	<4.0
	4/2/2012	1.3	94	28	38	<1.0	<1.0	<1.0	<1.0	<4.0
	3/31/2011	<1.0	44	16	20	<1.0	<1.0	<1.0	<1.0	<4.0
	9/1/2009	1.3	59	18	23	<1.0	<1.0	<1.0	<1.0	<4.0
	1/28/2009	2.2	46	41	50	<1.0	<1.0	<1.0	<1.0	<4.0
	7/2/2008	No Access. Not Sampled.								
	12/21/2007	<2.0	90	61	74	<2.0	<2.0	<2.0	<2.0	<8.0
	5/17/2007	2.2	130	29	30	<1.0	<1.0	<1.0	<1.0	<4.0
CA-FSY-14	1/14/2016	<1.0	1.2	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0
	6/29/2015	<1.0	1.2	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0
	12/29/2014	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<8.0
	6/18/2014	<1.0	1.7	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0
	12/18/2013	<1.0	1.4	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0
	6/6/2013	0.2	1.7	0.4	<0.2	<0.2	<0.3	<0.1	<0.1	<0.3
Catholic Cemetary North Well	7/2/2015	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	4.7	<4.0
	6/26/2013	<0.2	<0.2	<0.1	<0.2	<0.2	<0.3	<0.1	5.2	<0.3
Catholic Cemetary South Well	7/2/2015	21	44	1.3	<1.0	<1.0	<1.0	<1.0	4.8	<4.0
	6/26/2013	17	28	0.6	<0.2	<0.2	<0.3	<0.1	4.7	<0.3
CHMW-E	1/15/2016	<1.0	6.4	2.7	<1.0	<1.0	<1.0	<1.0	6.6	<4.0
	6/29/2015	<1.0	6.9	3.0	<1.0	<1.0	<1.0	<1.0	6.9	<4.0
	12/29/2014	<2.0	6.1	2.8	<2.0	<2.0	<2.0	<2.0	6.4	<8.0
	6/18/2014	<1.0	8.4	3.4	<1.0	<1.0	<1.0	<1.0	5.7	<4.0
	12/18/2013	<1.0	8.9	3.7	<1.0	<1.0	<1.0	<1.0	6.3	<4.0
	6/5/2013	1.0	9.4	2.6	<1.0	<1.0	<1.0	<1.0	9.6	<4.0
	12/5/2012	<1.0	9.1	3.0	<1.0	<1.0	<1.0	<1.0	13	<4.0
	4/3/2012	<2.0	24	7.5	<2.0	<2.0	<2.0	<2.0	9.1	<8.0
	4/1/2011	<1.0	18	4.4	1.3	<1.0	<1.0	<1.0	13	<4.0
	9/1/2009	<1.0	23	6.1	1.2	<1.0	<1.0	2.5	15	<4.0
	1/28/2009	2.6	19	3.9	<1.0	<1.0	<1.0	<1.0	18	<4.0
	7/2/2008	<1.0	15	2.9	<1.0	<1.0	<10	<1.0	17	<4.0
	12/20/2007	<1.0	11	2.0	<1.0	<1.0	<10	<1.0	22	<4.0
	5/17/2007	<1.0	19	2.6	<1.0	<1.0	<1.0	<1.0	20	<4.0
MW-4H-01	1/13/2016	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0
	6/29/2015	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0
	12/29/2014	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0
	6/17/2014	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0
	12/18/2013	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0
	6/5/2013	<0.2	1.4	0.5	<0.2	<0.1	<0.3	<0.1	<0.1	<0.3
MW-4H-02	1/13/2016	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0
	6/29/2015	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0
	12/29/2014	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<8.0
	6/18/2014	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0
	12/18/2013	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0
	6/5/2013	<0.2	<0.2	<0.1	<0.2	<0.1	<0.3	<0.1	<0.1	<0.3
MW-4H-04	1/15/2016	9.9	840	190	130	<5.0	<5.0	<5.0	<5.0	<20
	7/1/2015	14	730	160	90	<1.0	<1.0	<1.0	<1.0	<4.0
	12/31/2014	20	930	170	98	<10	<10	<10	<10	<40
	6/18/2014	25	1,200	180	120	<10	<10	<10	<10	<40
	12/19/2013	23	1,300	170	110	<10	<10	<10	<10	<40
	6/5/2013	24	1,400	140	24	<5.0	<5.0	<5.0	<5.0	<20
	12/5/2012	19	1,100	130	93	<5.0	<5.0	<5.0	<5.0	<20
	4/3/2012	19	1,100	120	100	<5.0	<5.0	<5.0	<5.0	<20
	4/1/2011	26	910	71	70	<1.0	<1.0	<1.0	<1.0	<4.0
	9/2/2009	27	880	110	120	<5.0	<5.0	<5.0	<5.0	<20
	1/28/2009	30	980	110	97	<5.0	<5.0	<5.0	<5.0	<20
	7/2/2008	59	1,400	120	130	<5.0	<5.0	<5.0	<5.0	<20
	12/20/2007	110	1,400	130	120	<10	<10	<10	<10	<40
	5/17/2007	170	2,900	210	170	<10	<10	<10	<10	<40
MW-4H-06	1/15/2016	1.5	400	100	86	<1.0	<1.0	<1.0	<1.0	<4.0
	7/7/2015	1.7	460	91	83	<1.0	<1.0	<1.0	<1.0	<4.0
	12/29/2014	<5.0	340	81	68	<5.0	<5.0	<5.0	<5.0	<20
	6/18/2014	8.9	270	62	68	<5.0	<5.0	<5.0	<5.0	<20
	12/18/2013	<5.0	230	59	55	<5.0	<5.0	<5.0	<5.0	<20
	6/6/2013	12	220	52	54	0.2	<0.3	<0.1	<0.1	<0.3

TABLE 6. SUMMARY OF ORGANIC GROUNDWATER ANALYTICAL RESULTS
LAUN-DRY SUPPLY COMPANY, INC., ALBUQUERQUE, NEW MEXICO

Monitoring Well	Date Sampled	PCE (µg/L)	TCE (µg/L)	*cis* DCE (µg/L)	*trans* DCE (µg/L)	1,1 DCE (µg/L)	Vinyl Chloride (µg/L)	1,1 DCA (µg/L)	MTBE (µg/L)	Total Napthalenes (µg/L)
NI-MW-2	1/15/2016	<1.0	140	190	200	<1.0	<1.0	<1.0	<1.0	<4.0
	6/30/2015	<1.0	190	220	250	<1.0	<1.0	<1.0	<1.0	<4.0
	12/31/2014	<10	210	190	230	<10	<10	<10	<10	<40
	6/18/2014	<10	320	230	280	<10	<10	<10	<10	<40
	12/19/2013	<10	270	200	230	<10	<10	<10	<10	<40
	6/5/2013	<1.0	470	210	250	<1.0	<1.0	<1.0	<1.0	<4.0
	12/5/2012	<1.0	350	160	170	<1.0	<1.0	<1.0	<1.0	<4.0
	4/3/2012	<1.0	460	210	220	<1.0	<1.0	<1.0	<1.0	<4.0
	4/1/2011	<1.0	510	140	150	<1.0	<1.0	<1.0	<1.0	<4.0
	9/2/2009	<5.0	750	210	160	<5.0	<5.0	<5.0	<5.0	<20
	1/28/2009	<5.0	820	180	120	<5.0	<5.0	<5.0	<5.0	<20
	7/2/2008	<5.0	1,300	200	160	<5.0	<5.0	<5.0	<5.0	<20
	12/20/2007	<5.0	1,300	230	140	<5.0	<5.0	<5.0	<5.0	<20
	5/17/2007	<10	1,700	250	150	<10	<10	<10	<10	<40
RayMar-W	1/15/2016	<5.0	730	100	86	<5.0	<5.0	<5.0	<5.0	<20
	7/7/2015	<1.0	710	110	82	<1.0	<1.0	<1.0	1.3	<4.0
	12/31/2014	<10	540	82	64	<10	<10	<10	<10	<40
	6/18/2014	<10	580	90	65	<10	<10	<10	<10	<40
	12/19/2013	<10	500	80	60	<10	<10	<10	<10	<40
	6/5/2013	<2.0	590	73	58	<2.0	<2.0	<2.0	<2.0	<8.0
	12/5/2012	Not Sampled								
	4/2/2012	9.5	570	78	81	<1.0	<1.0	<1.0	<1.0	<4.0
	3/31/2011	<1.0	550	50	57	<1.0	<1.0	<1.0	<1.0	<4.0
	9/2/2009	15	700	92	75	<5.0	<5.0	<5.0	<5.0	<20
	1/28/2009	12	960	92	63	<5.0	<5.0	<5.0	<5.0	<20
	7/2/2008	<10	870	91	76	<10	<10	<10	<10	<40
	12/20/2007	<5.0	930	130	82	<5.0	<5.0	<5.0	<5.0	<20
	5/17/2007	12	1,500	150	92	<5.0	<5.0	<5.0	<5.0	<20
RayMar-E	1/15/2016	<5.0	740	98	90	<5.0	<5.0	<5.0	<5.0	<20
	7/1/2015	1.1	660	92	82	<1.0	<1.0	<1.0	<1.0	<4.0
	12/31/2014	<10	590	78	69	<10	<10	<10	<10	<40
	6/18/2014	3.6	700	89	78	<1.0	<1.0	<1.0	<1.0	<4.0
	12/19/2013	3.7	590	79	71	<1.0	<1.0	<1.0	<1.0	<4.0
	6/5/2013	7.0	680	91	89	0.5	<0.3	<0.1	<0.1	<0.3
SBM-1	1/14/2016	<1.0	44	3.9	<1.0	<1.0	<1.0	<1.0	17	<4.0
	7/2/2015	1.0	33	2.9	<1.0	<1.0	<1.0	<1.0	15	<4.0
	1/5/2015	<1.0	22	1.5	<1.0	<1.0	<1.0	<1.0	12	<4.0
SBM-2	1/14/2016	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0
	7/2/2015	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0
	1/5/2015	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0
NMWQCC Groundwater Standard		**20**	**100**	**-**	**-**	**5**	**1**	25	100*	30

NOTES:
* Environmental Improvement Board standard
Shaded where concentration is at or exceeds the NMWQCC standard.
- = Not Analyzed
cis, trans DCE = 1,2 dichloroethene
DCA = dichloroethane
MTBE = methyl tert-butyl ether
ND = non-detect/not detected
NMWQCC = New Mexico Water Quality Control Commission
PCE = perchloroethylene
TCE = trichloroethylene
µg/L = micrograms per liter

TABLE 7. PILOT TEST OPERATION TASKS
LAUN-DRY SUPPLY COMPANY, INC., ALBUQUERQUE, NEW MEXICO

Task	Task Description	Frequency			
		Bi-Weekly	Monthly	Quarterly	Semi-Annual
1	Record of system vapor and water flow rates/vacuums/pressures	X	X	X	X
2	Visually inspect system performance	X	X	X	X
3	Identify issues and/or problems to be addressed	X	X	X	X
4	Check blower oil level	X	X	X	X
5	Drain knock-out pot fluids	X	X	X	X
6	General cleanup and assessment of site security	X	X	X	X
7	Collect monthly vapor sample		X	X	X
8	Change blower oil			X	X
9	Gauge well vacuum in soil vapor extraction wells			X	X
10	Prepare Semi-Annual Pilot Test Performance Report				X

TABLE 8. PILOT TEST SYSTEM PERFORMANCE
LAUN-DRY SUPPLY COMPANY INC., ALBUQUERQUE, NEW MEXICO

	Flow Rate (scfm)					PID (ppmv)								Lab Analysis	
											Effluent				
Date	SVE-1	SVE-2	SVE-3	MW-6B	Influent	SVE-1	SVE-2	SVE-3	MW-6B	Influent	Between GAC 1 & GAC 2	Post GAC	System Effluent	Influent C_{PCE} (µg/L)	Influent C_{TCE} (µg/L)
12/1/2015	SYSTEM OFF					NM	NM	NM	NM	NM	---	---	NM	NM	NM
12/1/2015	38	OFF	OFF	48	86	6.9	OFF	OFF	9.4	8.3	---	---	0.0	NM	NM
11/5/2015	38	OFF	OFF	54	92	19.7	OFF	OFF	14.8	4.2	---	---	0.0	NM	NM
9/24/2015	38	OFF	OFF	48	86	15.5	OFF	OFF	38.3	16.5	---	---	0.0	NM	NM
9/4/2015	SYSTEM OFF					NM	NM	NM	NM	NM	---	---	NM	NM	NM
9/4/2015	38	OFF	OFF	47	85	10.9	OFF	OFF	11.3	7.2	---	---	0.0	35	1.7
8/3/2015	35	OFF	OFF	45	80	28.7	OFF	OFF	66.7	27.3	---	---	0.0	NM	NM
8/3/2015	28	22	32	35	117	28.7	0.0	3.2	66.7	27.3	---	---	0.0	NM	NM
6/25/2015	SYSTEM OFF					NM	NM	NM	NM	NM	---	---	NM	NM	NM
6/25/2015	36	OFF	OFF	45	81	0.0	OFF	OFF	8.6	6.4	---	---	0.0	NM	NM
6/5/2015	30	34	33	38	135	6.5	0.2	0.1	6.2	0.6	---	---	0.0	NM	NM
5/22/2015	30	30	35	38	133	23.5	16.7	15.6	39.4	11.7	---	---	7.0	34	1.1
4/23/2015	SYSTEM OFF					NM	NM	NM	NM	NM	---	---	NM	NM	NM
3/30/2015	24	35	40	38	137	29.5	12.9	13.1	56	30.5	---	---	24.7	NM	NM
12/5/2014	22	35	45	42	144	9.9	8.7	7.9	26.3	7.7	---	---	NM	NM	NM
11/19/2014	23	35	45	42	145	7.9	7.6	6.3	10.3	7.2	---	---	8.0	10	0.68
10/31/2014	22	34	44	41	141	16.8	12.1	12.1	20.7	12.5	---	---	12.2	NM	NM
10/17/2014	23	35	44	44	146	12.5	6.3	6.7	15.6	6.6	---	---	15.2	NM	NM
10/3/2014	23	35	44	41	143	20.8	14.8	15.7	29.7	18.7	---	---	18.4	NM	NM
9/12/2014	18	35	44	42	139	17.1	19.0	10.4	19.8	6.2	---	---	22.1	NM	NM
8/29/2014	18	35	43	40	136	38.4	20.4	23.1	44.3	23.0	---	---	21.8	NM	NM
8/14/2014	15	35	42	40	132	40.0	23.2	21.4	51.8	27.4	---	---	22.4	NM	NM
8/1/2014	17	35	42	40	134	35.5	20.3	19.8	55.5	24.6	---	---	24.3	NM	NM
7/18/2014	23	33	41	40	137	49.8	17.8	12.3	86.4	17.5	---	---	28.2	NM	NM
6/20/2014	23	46	52	50	171	49.8	17.8	12.3	86.4	17.5	---	59.3	---	48	1.1
6/16/2014	17	16	25	31	89	44.6	17.0	24.1	62.9	37.4	---	73.4	---	50	1.6
5/28/2014	14.5	15	21	32	82.5	45.7	18.8	27.6	52.3	28.4	45.3	---	---	NM	NM
5/5/2014	19	17	25	34	95	37.2	18.9	17.8	57.7	21.7	4.8	---	---	NM	NM
4/24/2014	21	17	25	32	95	18.6	6.6	24.6	44.2	26.9	0.0	---	---	NM	NM
4/10/2014	20	17	25	31	93	43.2	21.5	18.9	53.5	23.9	0.0	---	---	NM	NM
4/1/2014	22	17	25	32	96	38.3	21.8	28.9	75.6	25.5	0.0	---	---	49	2.0
3/14/2014	20	17	20	34	91	37.7	10.9	12.9	114	54.5	0.0	---	---	NM	NM
2/28/2014	17.5	23.5	16	35.5	92.5	42.1	14.1	39.8	107	38.8	0.0	---	---	NM	NM
2/12/2014	17.5	12.5	11	40	81	67.3	36.9	33.4	205	113	0.0	---	---	NM	NM
1/31/2014	20	26	27	25	98	170	54.5	53.8	456	116	0.0	---	---	490	10
1/20/2014	24	25	25	25	99	116	84.3	281	558	146	0.0	---	---	NM	NM
12/23/2013	25	27	26	24	102	198	110	127	596	195	7.1	---	---	NM	NM
12/20/2013	23	28	27	25	103	233	149	159	1040	348	0.0	---	---	NM	NM
12/16/2013	22.5	22	27	25	96.5	303	155	175	803	344	0.0	---	---	NM	NM
12/12/2013	21	22	24	25	92	531	268	293	1210	492	0.0	---	---	NM	NM
12/9/2013	20	22	28	27	97	1240	398	579	2980	825	0.0	---	---	2100	32
12/5/2013	20	22	30	27	99	3040	838	1240	> 4000	1560	0.0	---	---	NM	NM
12/2/2013	25	22.5	26	25	98.5	> 4000	> 4000	3250	> 4000	> 4000	0.0	---	---	6900	43

NOTES:
Granular activated carbon (GAC) vessels were removed on 6/18/2014
1 µg/L = 6.24E-08 lb/ft3
C = concentration
PCE = perchloroethylene
PID = photoionization detector
ppmv = parts per million per volume
scfm = standard cubic feet per minute
TCE = trichloroethylene
µg/L = microgram per liter

TABLE 9. PILOT TEST SYSTEM MASS REMOVAL
LAUN-DRY SUPPLY COMPANY INC., ALBUQUERQUE, NEW MEXICO

Date	Influent Flow Rate (scfm)	Average Flow Rate (scfm)	Influent PID (ppmv)	Lab Analysis (C)		PID Ratio		Estimated C (C_E)		Mass Flow Rate (lb/hr)		Mass Removed (lbs)		Total Mass Removed (lbs)	
				C_{PCE} (µg/L)	C_{TCE} (µg/L)	PID/PCE	PID/TCE	C_{EPCE} (µg/L)	C_{ETCE} (µg/L)	$\dot{m}_{PCE}$	$\dot{m}_{TCE}$	PCE	TCE	PCE	TCE
12/1/2015	SYSTEM OFF			NM	NM	NA	NA	NA	NA						
12/1/2015	86	89.0	8.3	NM	NM	NA	NA	40.3	1.96	1.35E-02	6.53E-04	8.4	0.41	734	17.8
11/5/2015	92	89.0	4.2	NM	NM	NA	NA	20.4	0.99	6.81E-03	3.31E-04	6.9	0.33	725	17.4
9/24/2015	86	85.5	16.5	NM	NM	NA	NA	80.2	3.90	2.57E-02	1.25E-03				
9/4/2015	SYSTEM OFF			NM	NM	NA	NA	NA	NA						
9/4/2015	85	85.0	7.2	35	1.7	0.206	4.2	35.0	1.70	1.11E-02	5.41E-04	8.6	0.42	718	17.1
8/3/2015	117	99.0	27.3	NM	NM	NA	NA	79.3	2.57	2.94E-02	9.52E-04				
6/25/2015	SYSTEM OFF			NM	NM	NA	NA	NA	NA						
6/25/2015	81	108.0	6.4	NM	NM	NA	NA	18.6	0.60	7.52E-03	2.43E-04	3.6	0.12	710	16.7
6/5/2015	135	134.0	0.6	NM	NM	NA	NA	1.7	0.056	8.75E-04	2.83E-05	0.29	0.05	706	16.5
5/22/2015	133	135.0	11.7	34	1.1	0.344	10.6	34.0	1.10	1.72E-02	5.56E-04				
4/23/2015	SYSTEM OFF			NM	NM	NA	NA	NA	NA						
3/30/2015	137	140.5	30.5	NM	NM	NA	NA	42.4	2.88	2.23E-02	1.52E-03	61.5	4.18	706	16.5
12/5/2014	144	144.5	7.7	NM	NM	NA	NA	10.7	0.73	5.79E-03	3.94E-04	2.2	0.15	644	12.3
11/19/2014	145	143.0	7.2	10	0.68	0.720	10.6	10.0	0.68	5.36E-03	3.64E-04	2.4	0.17	642	12.2
10/31/2014	141	143.5	12.5	NM	NM	NA	NA	34.3	0.79	1.84E-02	4.22E-04	6.2	0.14	640	12.0
10/17/2014	146	144.5	6.6	NM	NM	NA	NA	18.1	0.41	9.80E-03	2.25E-04	3.3	0.08	633	11.9
10/3/2014	143	141.0	18.7	NM	NM	NA	NA	51.3	1.18	2.71E-02	6.21E-04	13.7	0.31	630	11.8
9/12/2014	139	137.5	6.2	NM	NM	NA	NA	17.0	0.39	8.76E-03	2.01E-04	2.9	0.07	617	11.5
8/29/2014	136	134.0	23	NM	NM	NA	NA	63.1	1.45	3.17E-02	7.26E-04	11.4	0.26	614	11.4
8/14/2014	132	133.0	27.4	NM	NM	NA	NA	75.2	1.72	3.74E-02	8.58E-04	11.7	0.27	602	11.1
8/1/2014	134	135.5	24.6	NM	NM	NA	NA	67.5	1.55	3.42E-02	7.85E-04	11.5	0.26	590	10.9
7/18/2014	137	140.5	17.5	NM	NM	NA	NA	48.0	1.10	2.53E-02	5.79E-04	17.0	0.39	579	10.6
6/20/2014	144	116.5	17.5	48	1.1	0.365	15.9	48.0	1.10	2.09E-02	4.80E-04	2.0	0.05	562	10.2
6/16/2014	89	85.8	37.4	50	1.6	0.748	23.4	50.0	1.60	1.61E-02	5.14E-04	7.3	0.23	560	10.2
5/28/2014	82.5	88.8	28.4	NM	NM	NA	NA	54.6	2.23	1.81E-02	7.40E-04	10.0	0.41	553	9.9
5/5/2014	95	95.0	21.7	NM	NM	NA	NA	41.7	1.70	1.48E-02	6.06E-04	3.9	0.16	543	9.5
4/24/2014	95	94.0	26.9	NM	NM	NA	NA	51.7	2.11	1.82E-02	7.43E-04	6.1	0.25	539	9.4
4/10/2014	93	94.5	23.9	NM	NM	NA	NA	45.9	1.87	1.63E-02	6.64E-04	3.5	0.14	533	9.1
4/1/2014	96	93.5	25.5	49	2.0	0.520	12.8	49.0	2.00	1.72E-02	7.00E-04	7.4	0.30	529	9.0
3/14/2014	91	91.8	54.5	NM	NM	NA	NA	230	4.70	7.91E-02	1.61E-03	26.6	0.54	522	8.7
2/28/2014	92.5	86.8	38.8	NM	NM	NA	NA	164	3.34	5.33E-02	1.09E-03	20.5	0.42	495	8.1
2/12/2014	81	89.5	113	NM	NM	NA	NA	477	9.74	1.60E-01	3.27E-03	46.1	0.94	475	7.7
1/31/2014	98	98.5	116	490	10	0.237	11.6	490	10.0	1.81E-01	3.69E-03	47.7	0.97	429	6.8
1/20/2014	99	100.5	146	NM	NM	NA	NA	372	5.66	1.40E-01	2.13E-03	94.0	1.43	381	5.8
12/23/2013	102	102.5	195	NM	NM	NA	NA	496	7.56	1.91E-01	2.90E-03	13.7	0.21	287	4.4
12/20/2013	103	99.8	348	NM	NM	NA	NA	886	13.5	3.31E-01	5.04E-03	31.8	0.48	273	4.2
12/16/2013	96.5	94.3	344	NM	NM	NA	NA	876	13.3	3.09E-01	4.71E-03	29.7	0.45	241	3.7
12/12/2013	92	94.5	492	NM	NM	NA	NA	1252	19.1	4.43E-01	6.75E-03	31.9	0.49	212	3.2
12/9/2013	97	98.0	825	2100	32	0.393	25.8	2100	32.0	7.71E-01	1.17E-02	74.0	1.13	180	2.7
12/5/2013	99	98.8	1560	NM	NM	NA	NA	3971	60.5	1.47E+00	2.24E-02	105.8	1.61	106	1.6
12/2/2013	98.5	98.5	4000+	6900	43	NA	NA	6900	43.0	2.55E+00	1.59E-02				

NOTES:
All estimated concentrations and mass removal calculations are based off of the most recent
Mass removal on 4/23/15 was calculated using the estimated concentrations from 5/22/15.
1 (µg/L) = 6.243E-08 lb/ft3
$\dot{m}$ = Q*C (Average flow rate * Estimated concentration)
C = concentration
lbs = pounds
PCE = perchloroethylene
PID = photoionization detector
ppmv = parts per million per volume
scfm = standard cubic feet per minute
TCE = trichloroethylene
µg/L = microgram per liter

FIGURES

LEGEND

- Direct Push Soil Boring
- Injection Point
- Monitoring Well
- Observation Well
- SVE Well
- Railroad Alignment
- Loading Dock

N

0 25 50 100 Feet

1 inch = 50 feet
(11x17 print-out)

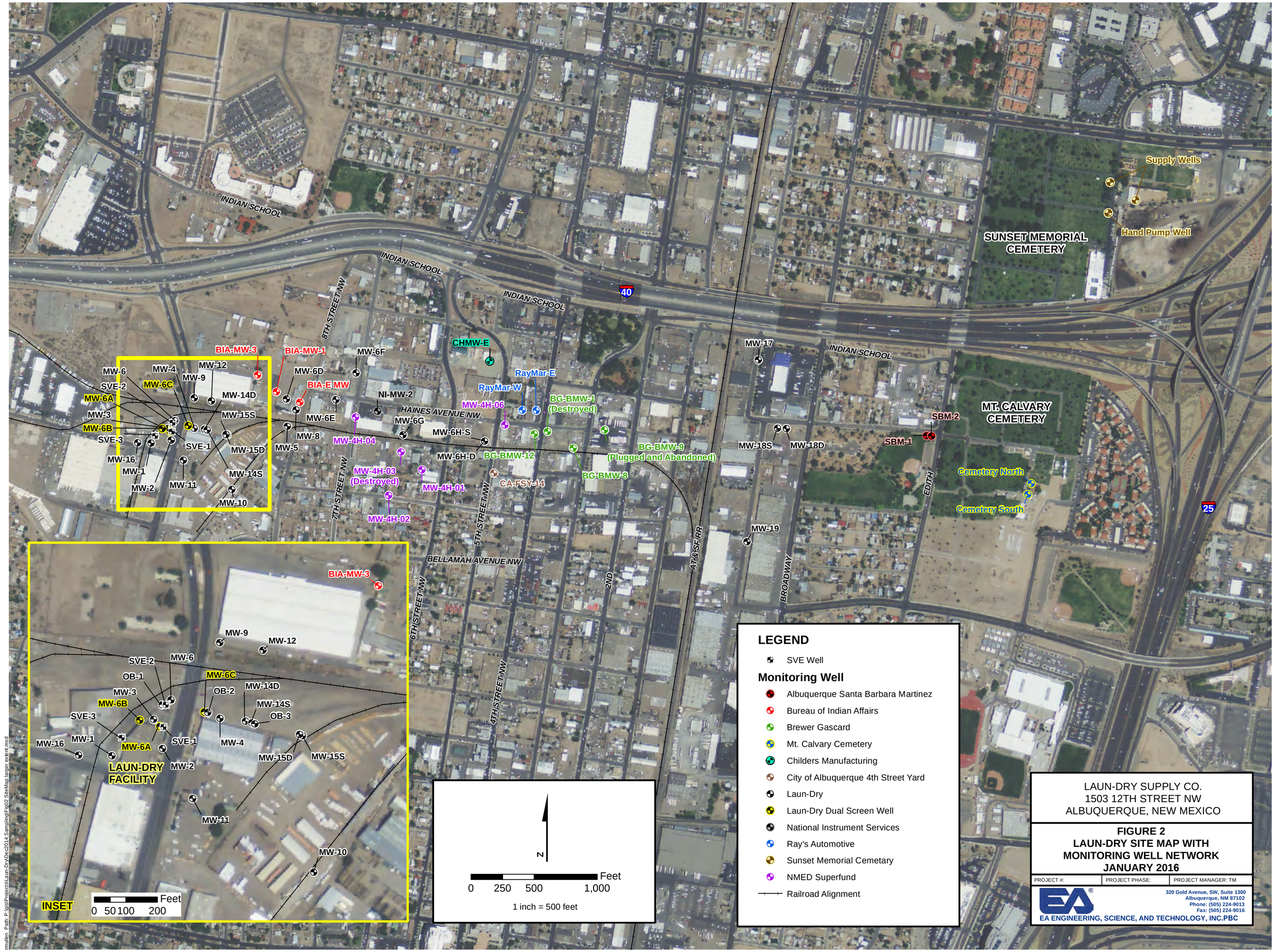
LAUN-DRY SUPPLY CO.
1503 12TH STREET NW
ALBUQUERQUE, NEW MEXICO

FIGURE 1
SITE LOCATION MAP

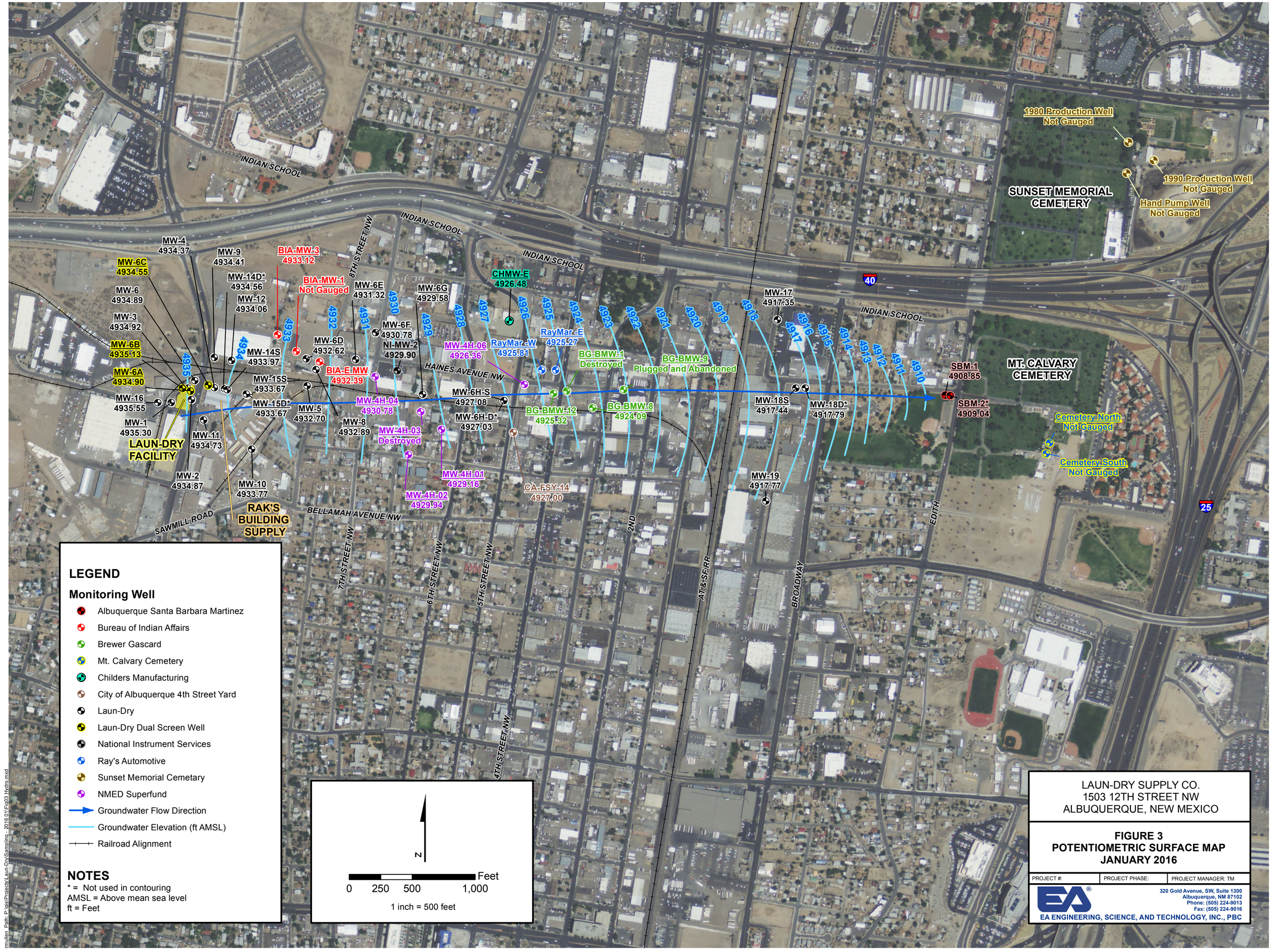
PROJECT #:	PROJECT PHASE:	PROJECT MANAGER: TM

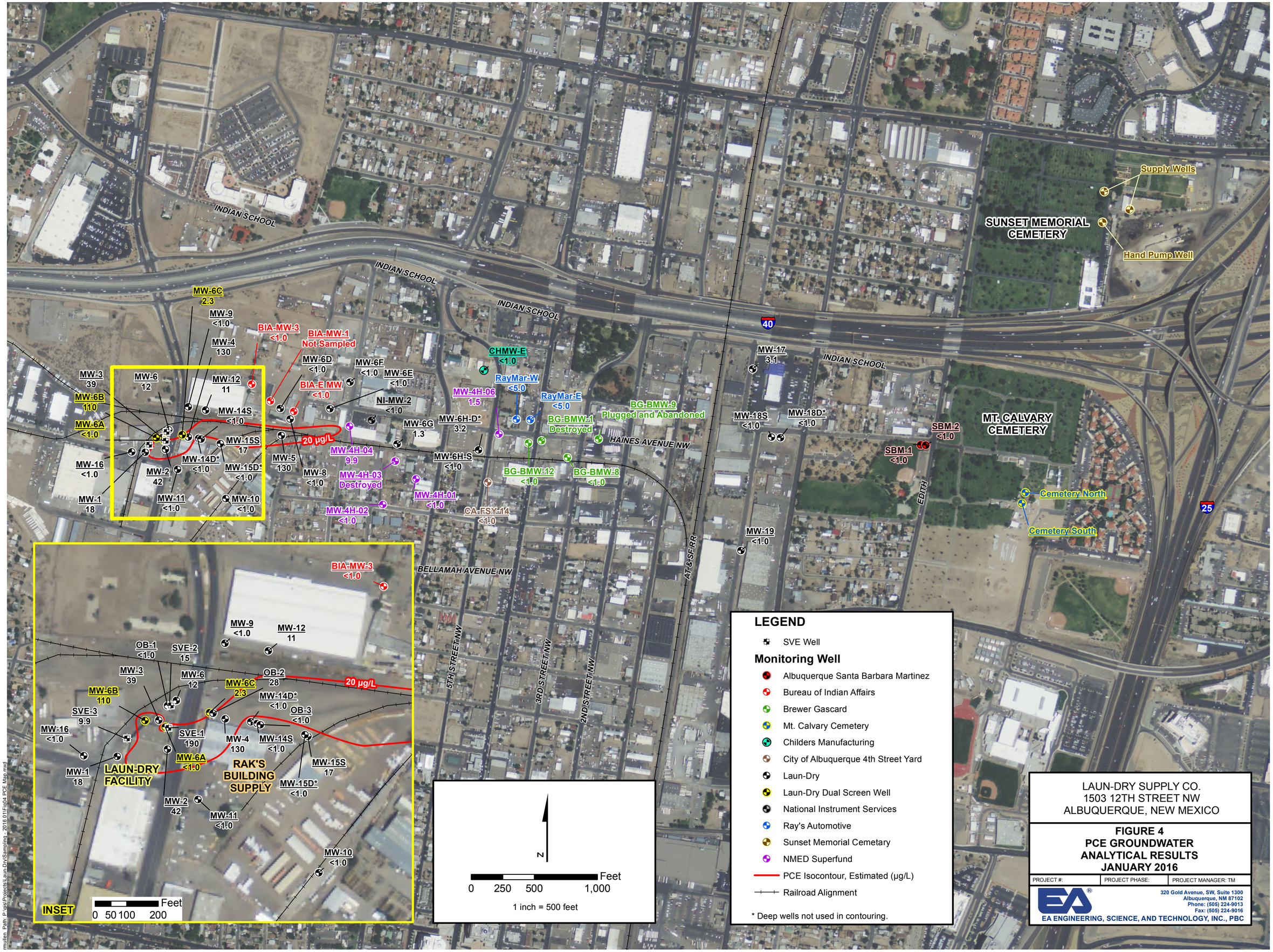
EA ENGINEERING, SCIENCE, AND TECHNOLOGY, INC, PBC
320 Gold Avenue, SW Suite 1300
Albuquerque, NM 87102
Phone: (505) 224-9013
Fax: (505) 224-9016

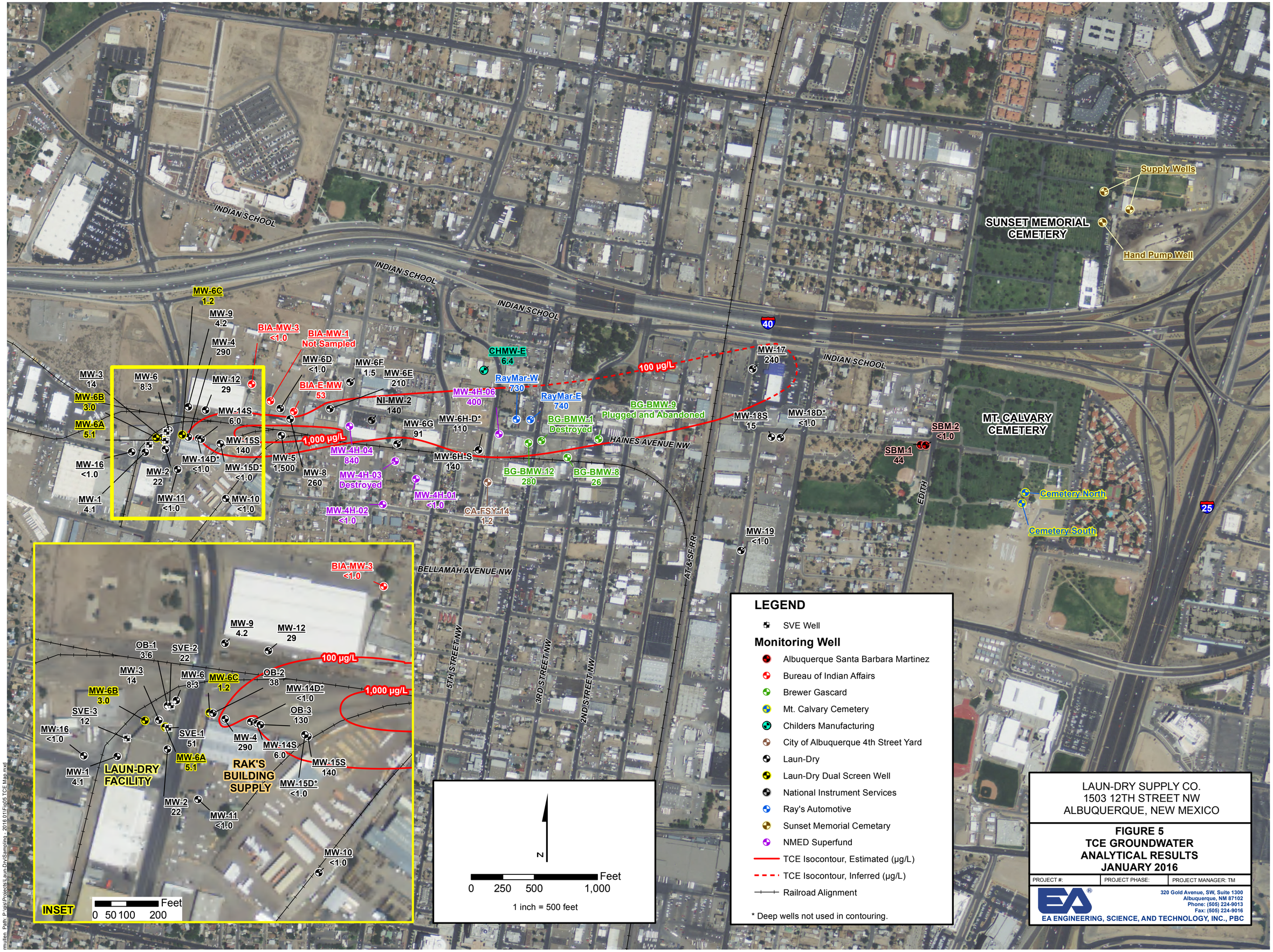
mullen Path: P:\gis\Projects\Laun-Dry\Dec2014 Sampling\Fig01 Site Map.mxd

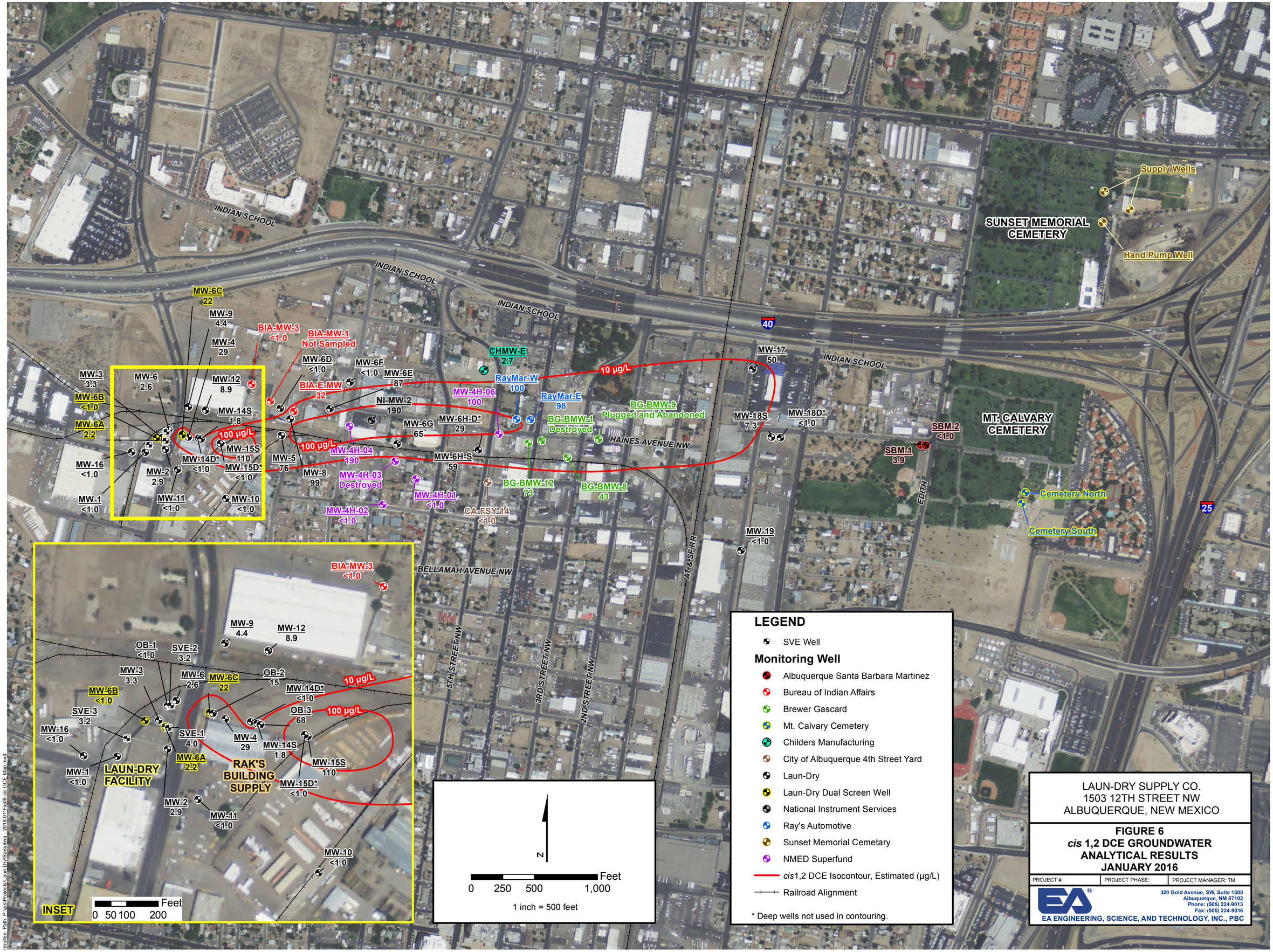


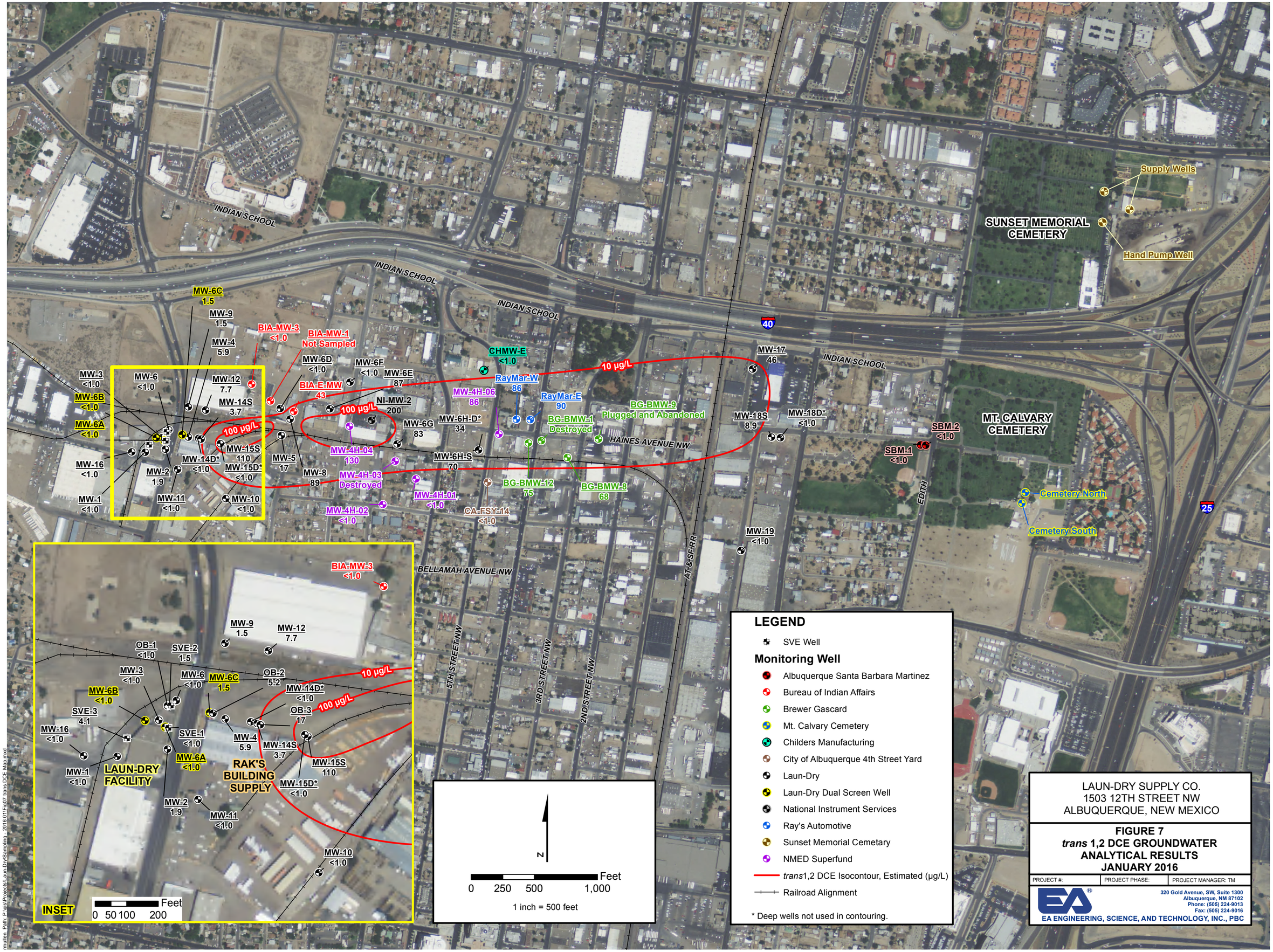
mudfon Path: P:\gis\Projects\Laun-Dry\Dc-2014 Sampling\Fig02 SiteMap larger extent.mxd


INDIAN SCHOOL
8TH STREET NW
HAINES AVENUE NW
BELLAMAH AVENUE NW
SAWMILL ROAD
7TH STREET NW
6TH STREET NW
5TH STREET NW
4TH STREET NW
2ND
AT&SF RR
BROADWAY
EDITH
40
25
SUNSET MEMORIAL CEMETERY
MT. CALVARY CEMETERY
LAUN-DRY FACILITY
RAK'S BUILDING SUPPLY
1980 Production Well Not Gauged
1990 Production Well Not Gauged
Hand Pump Well Not Gauged
Cemetery North Not Gauged
Cemetery South Not Gauged
MW-4 4934.37
MW-9 4934.41
MW-6C 4934.55
MW-14D* 4934.56
MW-12 4934.06
MW-6 4934.89
MW-3 4934.92
MW-6B 4935.13
MW-6A 4934.90
MW-16 4935.55
MW-1 4935.30
MW-14S 4933.97
MW-15S 4933.67
MW-15D* 4933.67
MW-11 4934.73
MW-2 4934.87
MW-10 4933.77
MW-5 4932.70
MW-8 4932.89
MW-6D 4932.62
BIA-MW-3 4933.12
BIA-MW-1 Not Gauged
BIA-E MW 4932.39
MW-6E 4931.32
MW-6F 4930.78
NI-MW-2 4929.90
MW-4H-04 4930.78
MW-4H-03 Destroyed
MW-4H-02 4929.94
MW-4H-01 4929.16
MW-6G 4929.58
MW-4H-06 4926.36
MW-6H-S 4927.08
MW-6H-D* 4927.03
CA-FSY-14 4927.00
CHMW-E 4926.48
RayMar-W 4925.81
RayMar-E 4925.27
BG-BMW-12 4925.32
BG-BMW-1 Destroyed
BG-BMW-8 4924.09
BG-BMW-9 Plugged and Abandoned
MW-17 4917.35
MW-18S 4917.44
MW-18D* 4917.79
MW-19 4917.77
SBM-1 4908.85
SBM-2* 4909.04
4935
4934
4933
4932
4931
4930
4929
4928
4927
4926
4925
4924
4923
4922
4921
4920
4919
4918
4917
4916
4915
4914
4913
4912
4911
4910
LEGEND
Monitoring Well
Albuquerque Santa Barbara Martinez
Bureau of Indian Affairs
Brewer Gascard
Mt. Calvary Cemetery
Childers Manufacturing
City of Albuquerque 4th Street Yard
Laun-Dry
Laun-Dry Dual Screen Well
National Instrument Services
Ray's Automotive
Sunset Memorial Cemetary
NMED Superfund
Groundwater Flow Direction
Groundwater Elevation (ft AMSL)
Railroad Alignment
NOTES
* = Not used in contouring
AMSL = Above mean sea level
ft = Feet
N
Feet
0 250 500 1,000
1 inch = 500 feet
LAUN-DRY SUPPLY CO.
1503 12TH STREET NW
ALBUQUERQUE, NEW MEXICO
FIGURE 3
POTENTIOMETRIC SURFACE MAP
JANUARY 2016
PROJECT #:
PROJECT PHASE:
PROJECT MANAGER: TM
320 Gold Avenue, SW, Suite 1300
Albuquerque, NM 87102
Phone: (505) 224-9013
Fax: (505) 224-9016
EA ENGINEERING, SCIENCE, AND TECHNOLOGY, INC., PBC


INDIAN SCHOOL
INDIAN SCHOOL
INDIAN SCHOOL
INDIAN SCHOOL
HAINES AVENUE NW
BELLAMAH AVENUE NW
5TH STREET NW
3RD STREET NW
2ND STREET NW
EDITH
AT&SF RR
40
25
SUNSET MEMORIAL CEMETERY
MT. CALVARY CEMETERY
Supply Wells
Hand Pump Well
Cemetery North
Cemetery South
MW-6C 2.3
MW-9 <1.0
MW-4 130
BIA-MW-3 <1.0
BIA-MW-1 Not Sampled
MW-6D <1.0
MW-6F <1.0
MW-6E <1.0
BIA-E MW <1.0
NI-MW-2 <1.0
MW-3 39
MW-6 12
MW-12 11
MW-6B 110
MW-14S <1.0
MW-6A <1.0
MW-15S 17
20 µg/L
MW-14D* <1.0
MW-15D* <1.0
MW-16 <1.0
MW-2 42
MW-11 <1.0
MW-10 <1.0
MW-1 18
MW-5 130
MW-8 <1.0
MW-4H-04 9.9
MW-4H-03 Destroyed
MW-4H-02 <1.0
MW-4H-01 <1.0
MW-6G 1.3
MW-6H-D* 3.2
MW-6H-S <1.0
CA-FSY-14 <1.0
CHMW-E <1.0
RayMar-W <5.0
RayMar-E <5.0
MW-4H-06 1.5
BG-BMW-1 Destroyed
BG-BMW-9 Plugged and Abandoned
BG-BMW-12 <1.0
BG-BMW-8 <1.0
MW-17 3.1
MW-18S <1.0
MW-18D* <1.0
SBM-2 <1.0
SBM-1 <1.0
MW-19 <1.0
OB-1 <1.0
SVE-2 15
MW-9 <1.0
MW-12 11
MW-3 39
MW-6 12
MW-6C 2.3
OB-2 28
MW-14D* <1.0
OB-3 <1.0
MW-6B 110
SVE-3 9.9
MW-16 <1.0
SVE-1 190
MW-4 130
MW-14S <1.0
MW-6A <1.0
MW-15S 17
MW-1 18
LAUN-DRY FACILITY
RAK'S BUILDING SUPPLY
MW-15D* <1.0
MW-2 42
MW-11 <1.0
MW-10 <1.0
BIA-MW-3 <1.0
INSET
Feet
0 50 100 200
N
Feet
0 250 500 1,000
1 inch = 500 feet
LEGEND
SVE Well
Monitoring Well
Albuquerque Santa Barbara Martinez
Bureau of Indian Affairs
Brewer Gascard
Mt. Calvary Cemetery
Childers Manufacturing
City of Albuquerque 4th Street Yard
Laun-Dry
Laun-Dry Dual Screen Well
National Instrument Services
Ray's Automotive
Sunset Memorial Cemetary
NMED Superfund
PCE Isocontour, Estimated (µg/L)
Railroad Alignment
* Deep wells not used in contouring.
LAUN-DRY SUPPLY CO.
1503 12TH STREET NW
ALBUQUERQUE, NEW MEXICO
FIGURE 4
PCE GROUNDWATER
ANALYTICAL RESULTS
JANUARY 2016
PROJECT #:
PROJECT PHASE:
PROJECT MANAGER: TM
320 Gold Avenue, SW, Suite 1300
Albuquerque, NM 87102
Phone: (505) 224-9013
Fax: (505) 224-9016
EA ENGINEERING, SCIENCE, AND TECHNOLOGY, INC., PBC

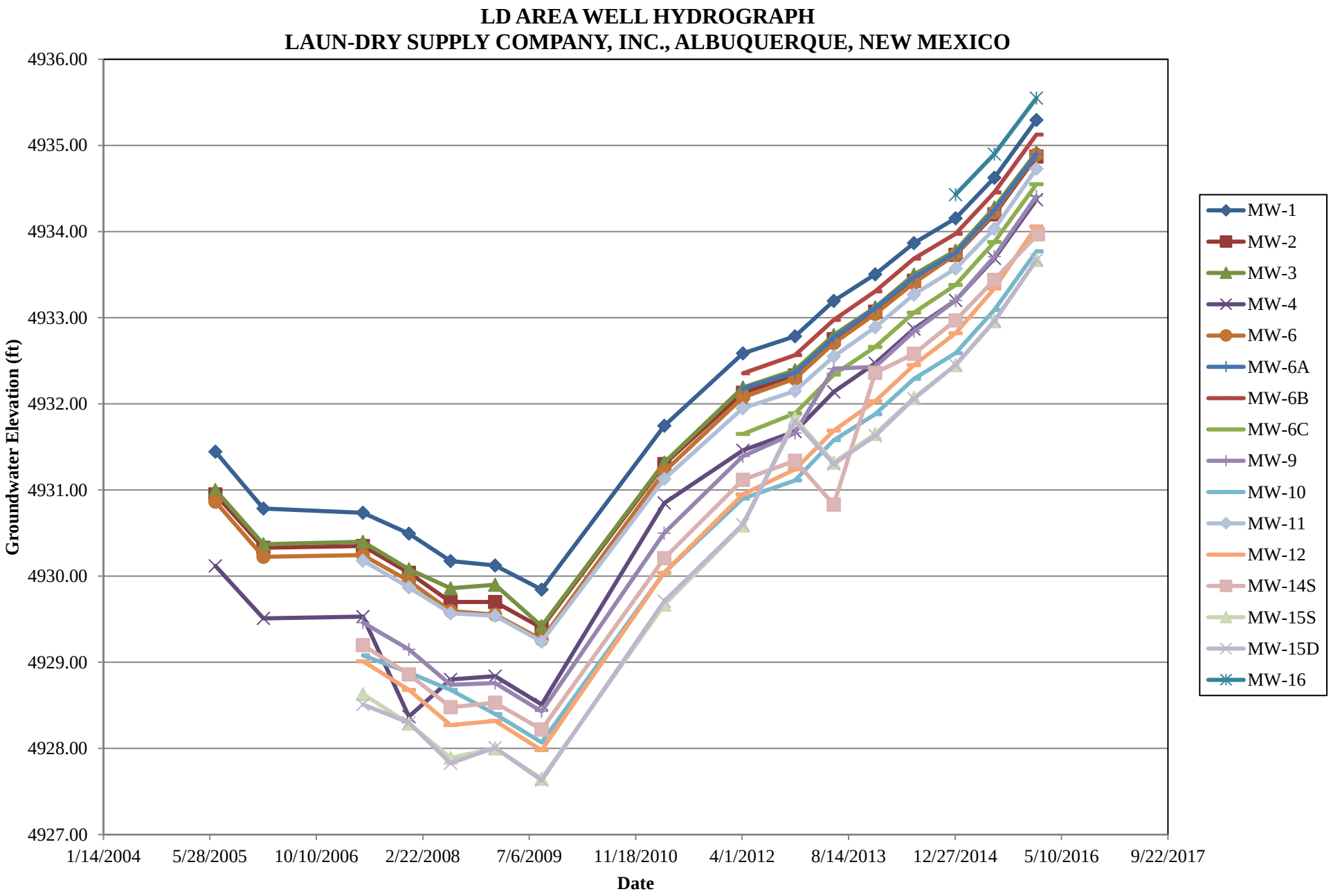

INDIAN SCHOOL
SUNSET MEMORIAL CEMETERY
Supply Wells
Hand Pump Well
MT. CALVARY CEMETERY
Cemetery North
Cemetery South
HAINES AVENUE NW
BELLAMAH AVENUE NW
5TH STREET NW
3RD STREET NW
2ND STREET NW
EDITH
AT&SF RR
40
25
100 µg/L
1,000 µg/L
MW-6C 1.2
MW-9 4.2
MW-4 290
BIA-MW-3 <1.0
BIA-MW-1 Not Sampled
MW-6D <1.0
MW-6F 1.5
MW-6E 210
BIA-E-MW 53
NI-MW-2 140
MW-3 14
MW-6 8.3
MW-12 29
MW-6B 3.0
MW-6A 5.1
MW-14S 6.0
MW-15S 140
MW-14D* <1.0
MW-15D* <1.0
MW-16 <1.0
MW-2 22
MW-1 4.1
MW-11 <1.0
MW-10 <1.0
MW-5 1,500
MW-8 260
MW-4H-04 840
MW-4H-03 Destroyed
MW-4H-02 <1.0
MW-4H-01 <1.0
MW-6G 91
MW-6H-D* 110
MW-6H-S 140
CA-FSY-14 1.2
CHMW-E 6.4
RayMar-W 730
RayMar-E 740
MW-4H-06 400
BG-BMW-1 Destroyed
BG-BMW-9 Plugged and Abandoned
BG-BMW-12 280
BG-BMW-8 26
MW-17 240
MW-18S 15
MW-18D* <1.0
SBM-1 44
SBM-2 <1.0
MW-19 <1.0
OB-1 3.6
SVE-2 22
OB-2 38
OB-3 130
SVE-3 12
SVE-1 51
MW-4 290
LAUN-DRY FACILITY
RAK'S BUILDING SUPPLY
INSET
Feet
0 50 100 200
N
Feet
0 250 500 1,000
1 inch = 500 feet
LEGEND
SVE Well
Monitoring Well
Albuquerque Santa Barbara Martinez
Bureau of Indian Affairs
Brewer Gascard
Mt. Calvary Cemetery
Childers Manufacturing
City of Albuquerque 4th Street Yard
Laun-Dry
Laun-Dry Dual Screen Well
National Instrument Services
Ray's Automotive
Sunset Memorial Cemetary
NMED Superfund
TCE Isocontour, Estimated (µg/L)
TCE Isocontour, Inferred (µg/L)
Railroad Alignment
* Deep wells not used in contouring.
LAUN-DRY SUPPLY CO.
1503 12TH STREET NW
ALBUQUERQUE, NEW MEXICO
FIGURE 5
TCE GROUNDWATER ANALYTICAL RESULTS JANUARY 2016
PROJECT #:
PROJECT PHASE:
PROJECT MANAGER: TM
320 Gold Avenue, SW, Suite 1300
Albuquerque, NM 87102
Phone: (505) 224-9013
Fax: (505) 224-9016
EA ENGINEERING, SCIENCE, AND TECHNOLOGY, INC., PBC

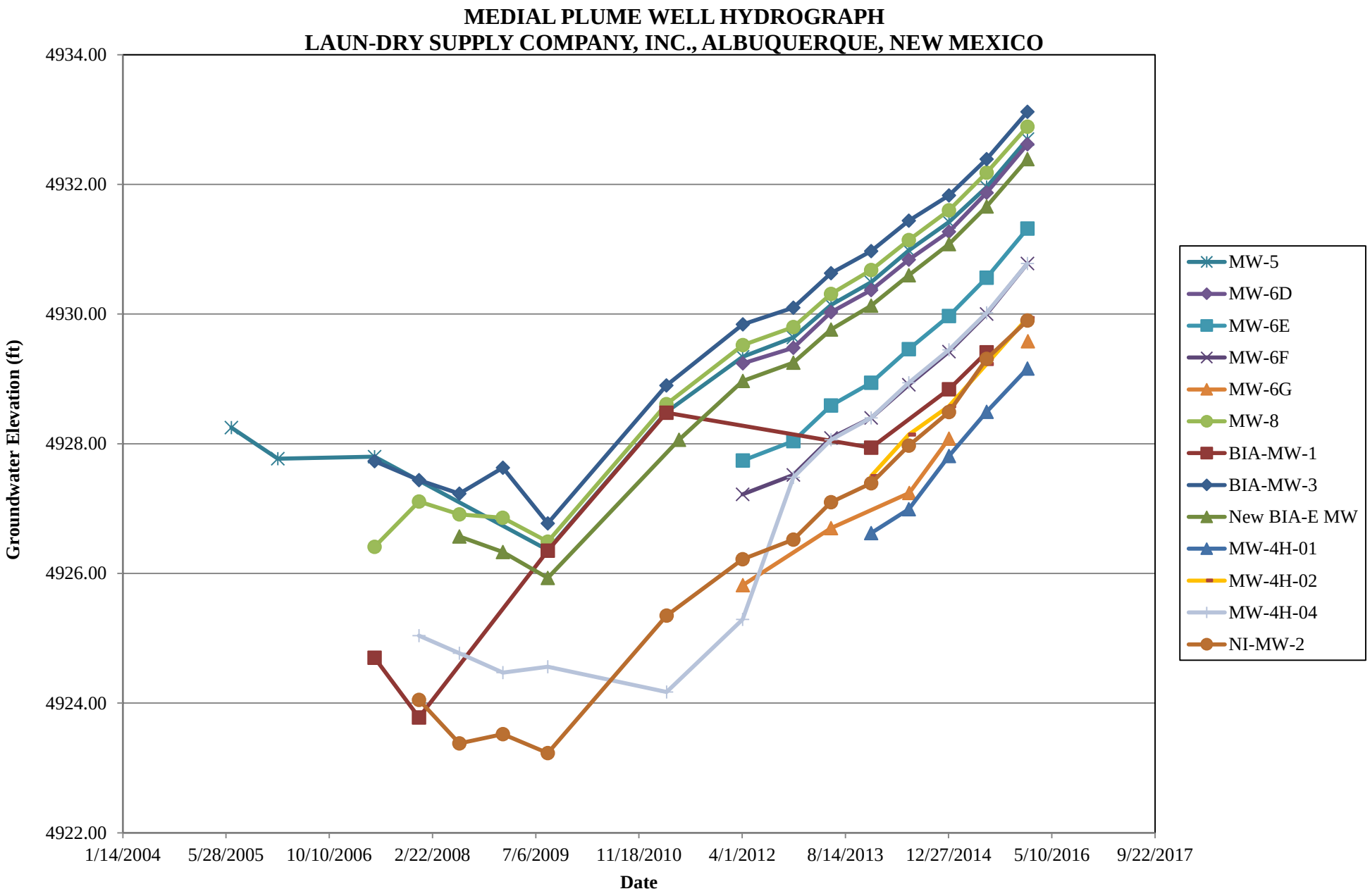

INDIAN SCHOOL
INDIAN SCHOOL
INDIAN SCHOOL
INDIAN SCHOOL
40
25
SUNSET MEMORIAL CEMETERY
Supply Wells
Hand Pump Well
MT. CALVARY CEMETERY
Cemetery North
Cemetery South
EDITH
HAINES AVENUE NW
BELLAMAH AVENUE NW
5TH STREET NW
3RD STREET NW
2ND STREET NW
AT&SF RR
MW-6C 22
MW-9 4.4
MW-4 29
BIA-MW-3 <1.0
BIA-MW-1 Not Sampled
MW-6D <1.0
MW-6F <1.0
MW-6E 87
BIA-E-MW 32
NI-MW-2 190
MW-3 3.3
MW-6B <1.0
MW-6A 2.2
MW-6 2.6
MW-12 8.9
MW-14S 1.8
MW-15S 110
MW-14D* <1.0
MW-15D* <1.0
MW-16 <1.0
MW-2 2.9
MW-1 <1.0
MW-11 <1.0
MW-10 <1.0
MW-5 76
MW-8 99
MW-4H-04 190
MW-4H-03 Destroyed
MW-4H-02 <1.0
MW-4H-01 <1.0
MW-6G 65
MW-6H-D* 29
MW-6H-S 59
CHMW-E 2.7
RayMar-W 100
RayMar-E 98
MW-4H-06 100
BG-BMW-1 Destroyed
BG-BMW-9 Plugged and Abandoned
BG-BMW-12 73
BG-BMW-8 43
CA-FSY-14 <1.0
MW-17 50
MW-18S 7.3
MW-18D* <1.0
SBM-2 <1.0
SBM-1 3.9
MW-19 <1.0
10 µg/L
100 µg/L
100 µg/L
BIA-MW-3 <1.0
MW-9 4.4
MW-12 8.9
OB-1 <1.0
SVE-2 3.2
MW-3 3.3
MW-6 2.6
MW-6C 22
OB-2 15
MW-14D* <1.0
10 µg/L
MW-6B <1.0
SVE-3 3.2
OB-3 68
100 µg/L
MW-16 <1.0
SVE-1 4.0
MW-4 29
MW-14S 1.8
MW-15S 110
MW-6A 2.2
MW-1 <1.0
LAUN-DRY FACILITY
RAK'S BUILDING SUPPLY
MW-15D* <1.0
MW-2 2.9
MW-11 <1.0
MW-10 <1.0
INSET
Feet
0 50 100 200
N
Feet
0 250 500 1,000
1 inch = 500 feet
LEGEND
SVE Well
Monitoring Well
Albuquerque Santa Barbara Martinez
Bureau of Indian Affairs
Brewer Gascard
Mt. Calvary Cemetery
Childers Manufacturing
City of Albuquerque 4th Street Yard
Laun-Dry
Laun-Dry Dual Screen Well
National Instrument Services
Ray's Automotive
Sunset Memorial Cemetary
NMED Superfund
cis1,2 DCE Isocontour, Estimated (µg/L)
Railroad Alignment
* Deep wells not used in contouring.
LAUN-DRY SUPPLY CO.
1503 12TH STREET NW
ALBUQUERQUE, NEW MEXICO
FIGURE 6
cis 1,2 DCE GROUNDWATER ANALYTICAL RESULTS JANUARY 2016
PROJECT #:
PROJECT PHASE:
PROJECT MANAGER: TM
320 Gold Avenue, SW, Suite 1300
Albuquerque, NM 87102
Phone: (505) 224-9013
Fax: (505) 224-9016
EA ENGINEERING, SCIENCE, AND TECHNOLOGY, INC., PBC

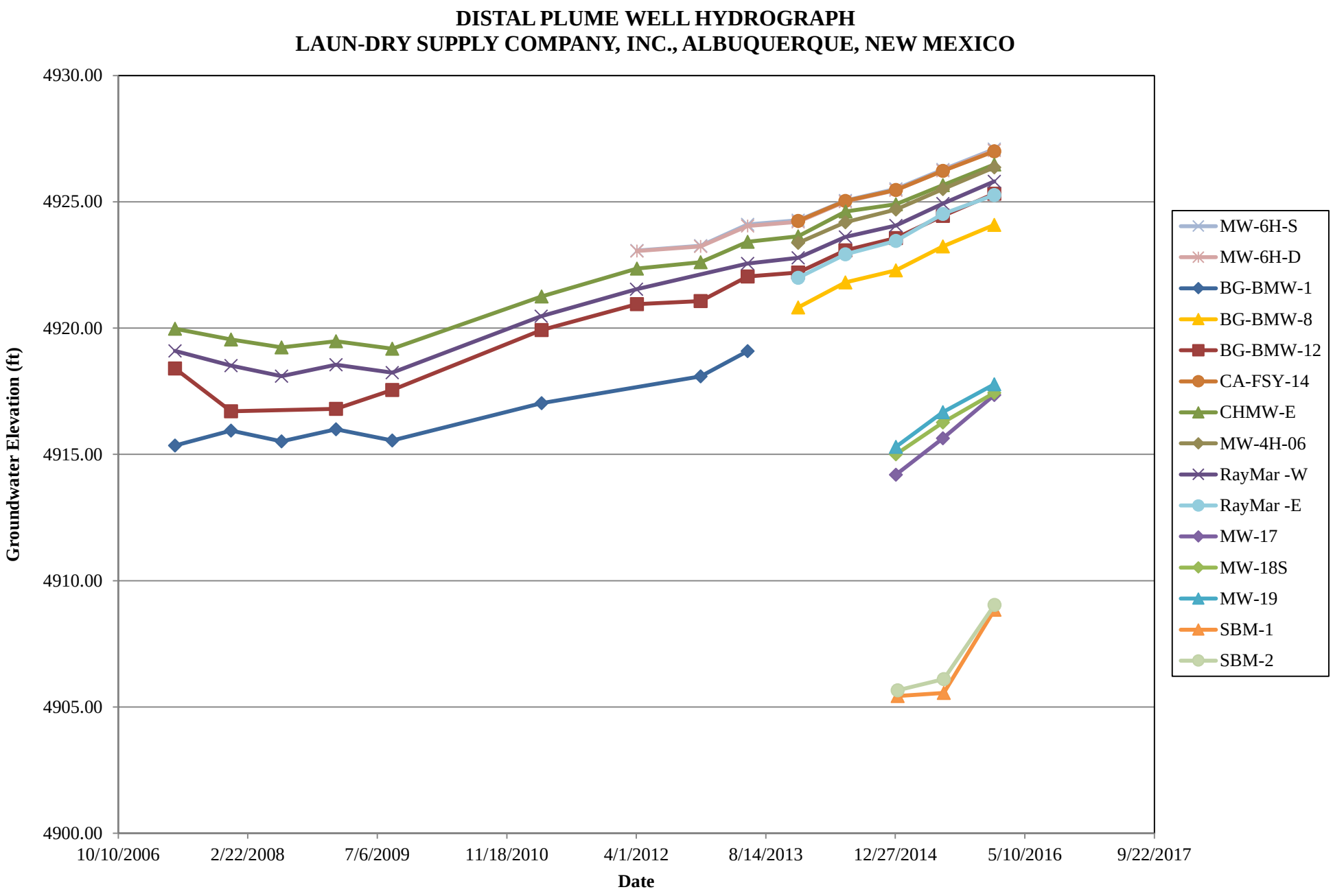

INDIAN SCHOOL
INDIAN SCHOOL
INDIAN SCHOOL
INDIAN SCHOOL
HAINES AVENUE NW
BELLAMAH AVENUE NW
5TH STREET NW
3RD STREET NW
2ND STREET NW
AT&SF RR
EDITH
40
25
SUNSET MEMORIAL CEMETERY
MT. CALVARY CEMETERY
Supply Wells
Hand Pump Well
Cemetery North
Cemetery South
MW-6C 1.5
MW-9 1.5
MW-4 5.9
BIA-MW-3 <1.0
BIA-MW-1 Not Sampled
MW-6D <1.0
MW-6F <1.0
MW-6E 87
BIA-E-MW 43
NI-MW-2 200
MW-3 <1.0
MW-6B <1.0
MW-6A <1.0
MW-6 <1.0
MW-12 7.7
MW-14S 3.7
100 µg/L
MW-15S 110
MW-14D* <1.0
MW-15D* <1.0
MW-16 <1.0
MW-2 1.9
MW-1 <1.0
MW-11 <1.0
MW-10 <1.0
MW-5 17
MW-8 89
MW-4H-04 130
MW-4H-03 Destroyed
MW-4H-02 <1.0
MW-4H-01 <1.0
MW-6G 83
MW-6H-D* 34
MW-6H-S 70
CHMW-E <1.0
RayMar-W 86
RayMar-E 90
MW-4H-06 86
BG-BMW-1 Destroyed
BG-BMW-9 Plugged and Abandoned
BG-BMW-12 75
BG-BMW-8 68
CA-FSY-14 <1.0
10 µg/L
MW-17 46
MW-18S 8.9
MW-18D* <1.0
SBM-2 <1.0
SBM-1 <1.0
MW-19 <1.0
BIA-MW-3 <1.0
MW-9 1.5
MW-12 7.7
OB-1 <1.0
SVE-2 1.5
MW-3 <1.0
MW-6 <1.0
MW-6C 1.5
OB-2 5.2
MW-14D* <1.0
MW-6B <1.0
SVE-3 4.1
OB-3 17
MW-16 <1.0
SVE-1 <1.0
MW-4 5.9
MW-14S 3.7
MW-6A <1.0
MW-15S 110
MW-1 <1.0
LAUN-DRY FACILITY
RAK'S BUILDING SUPPLY
MW-15D* <1.0
MW-2 1.9
MW-11 <1.0
MW-10 <1.0
INSET
Feet
0 50 100 200
N
Feet
0 250 500 1,000
1 inch = 500 feet
LEGEND
SVE Well
Monitoring Well
Albuquerque Santa Barbara Martinez
Bureau of Indian Affairs
Brewer Gascard
Mt. Calvary Cemetery
Childers Manufacturing
City of Albuquerque 4th Street Yard
Laun-Dry
Laun-Dry Dual Screen Well
National Instrument Services
Ray's Automotive
Sunset Memorial Cemetary
NMED Superfund
trans1,2 DCE Isocontour, Estimated (µg/L)
Railroad Alignment
* Deep wells not used in contouring.
LAUN-DRY SUPPLY CO.
1503 12TH STREET NW
ALBUQUERQUE, NEW MEXICO
FIGURE 7
trans 1,2 DCE GROUNDWATER ANALYTICAL RESULTS
JANUARY 2016
PROJECT #:
PROJECT PHASE:
PROJECT MANAGER: TM
320 Gold Avenue, SW, Suite 1300
Albuquerque, NM 87102
Phone: (505) 224-9013
Fax: (505) 224-9016
EA ENGINEERING, SCIENCE, AND TECHNOLOGY, INC., PBC
mullen, Path: P:\gis\Projects\LaunDry\Sampling - 2016 01\Fig07 trans DCE Map.mxd

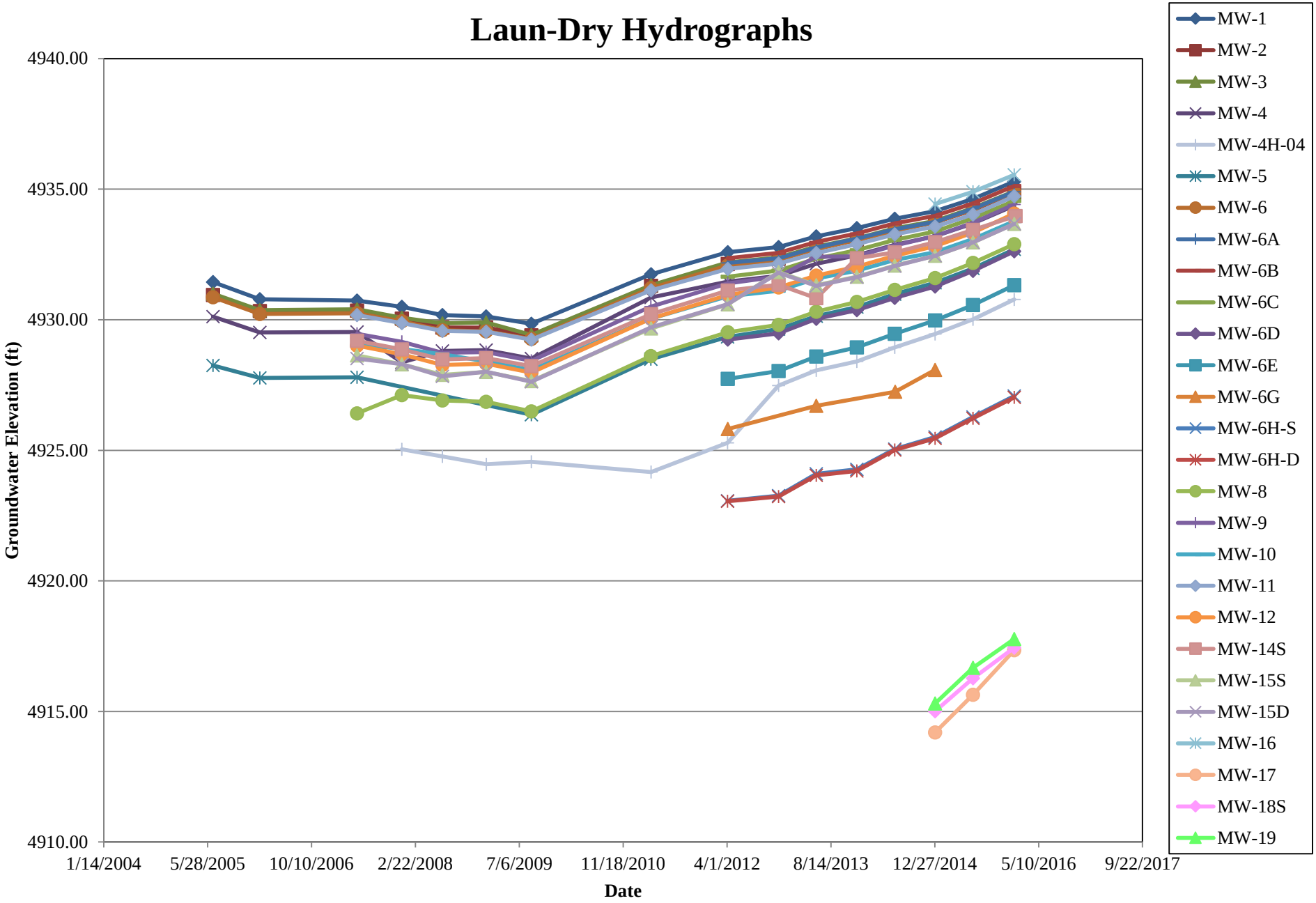
APPENDIX A
FIELD FORMS
(Provided Electronically on CD)

APPENDIX B
WELL HYDROGRAPHS


LD AREA WELL HYDROGRAPH
LAUN-DRY SUPPLY COMPANY, INC., ALBUQUERQUE, NEW MEXICO
Groundwater Elevation (ft)
4936.00
4935.00
4934.00
4933.00
4932.00
4931.00
4930.00
4929.00
4928.00
4927.00
1/14/2004
5/28/2005
10/10/2006
2/22/2008
7/6/2009
11/18/2010
4/1/2012
8/14/2013
12/27/2014
5/10/2016
9/22/2017
Date
MW-1
MW-2
MW-3
MW-4
MW-6
MW-6A
MW-6B
MW-6C
MW-9
MW-10
MW-11
MW-12
MW-14S
MW-15S
MW-15D
MW-16

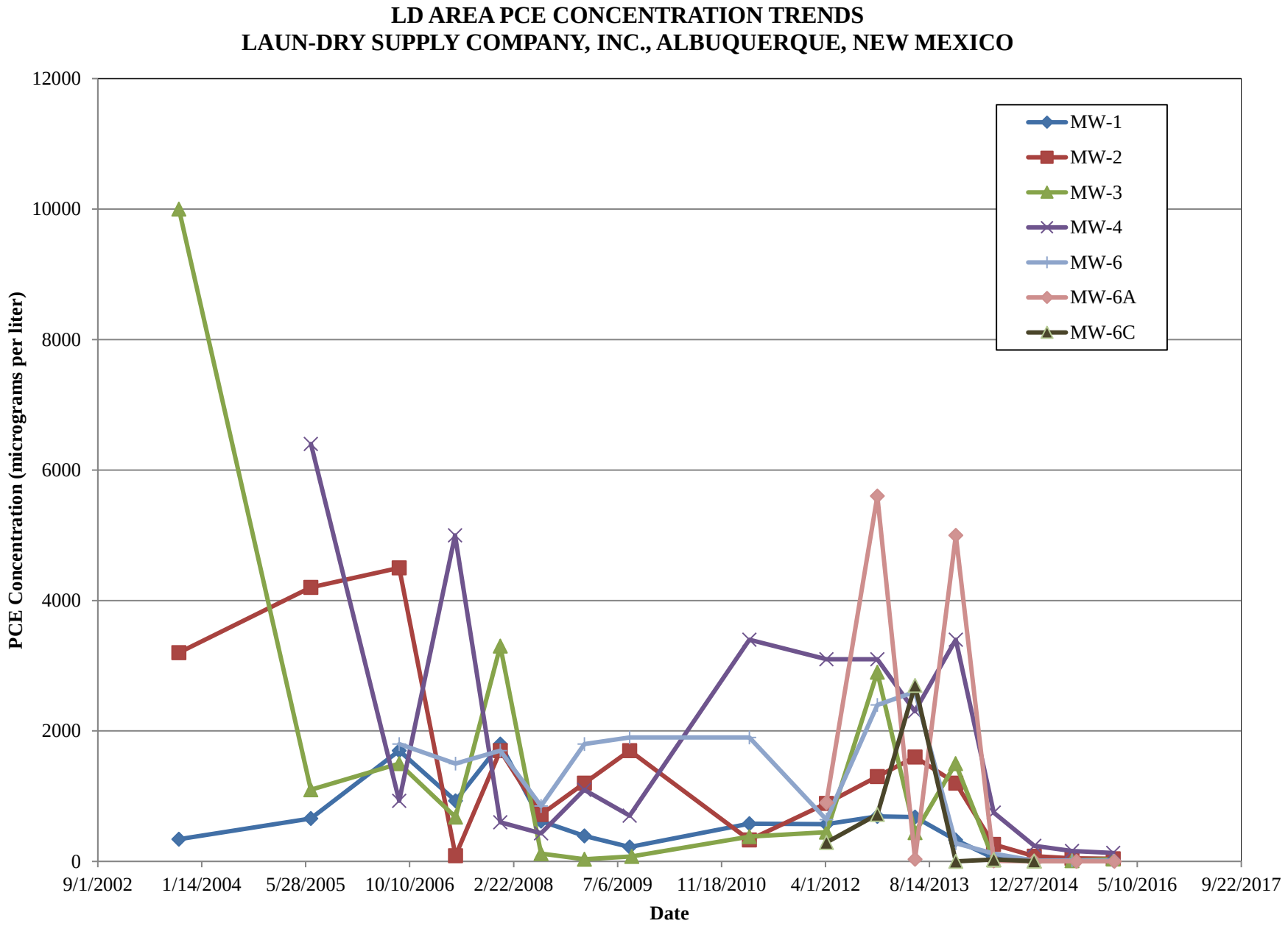

MEDIAL PLUME WELL HYDROGRAPH
LAUN-DRY SUPPLY COMPANY, INC., ALBUQUERQUE, NEW MEXICO
Groundwater Elevation (ft)
4934.00
4932.00
4930.00
4928.00
4926.00
4924.00
4922.00
1/14/2004
5/28/2005
10/10/2006
2/22/2008
7/6/2009
11/18/2010
4/1/2012
8/14/2013
12/27/2014
5/10/2016
9/22/2017
Date
MW-5
MW-6D
MW-6E
MW-6F
MW-6G
MW-8
BIA-MW-1
BIA-MW-3
New BIA-E MW
MW-4H-01
MW-4H-02
MW-4H-04
NI-MW-2

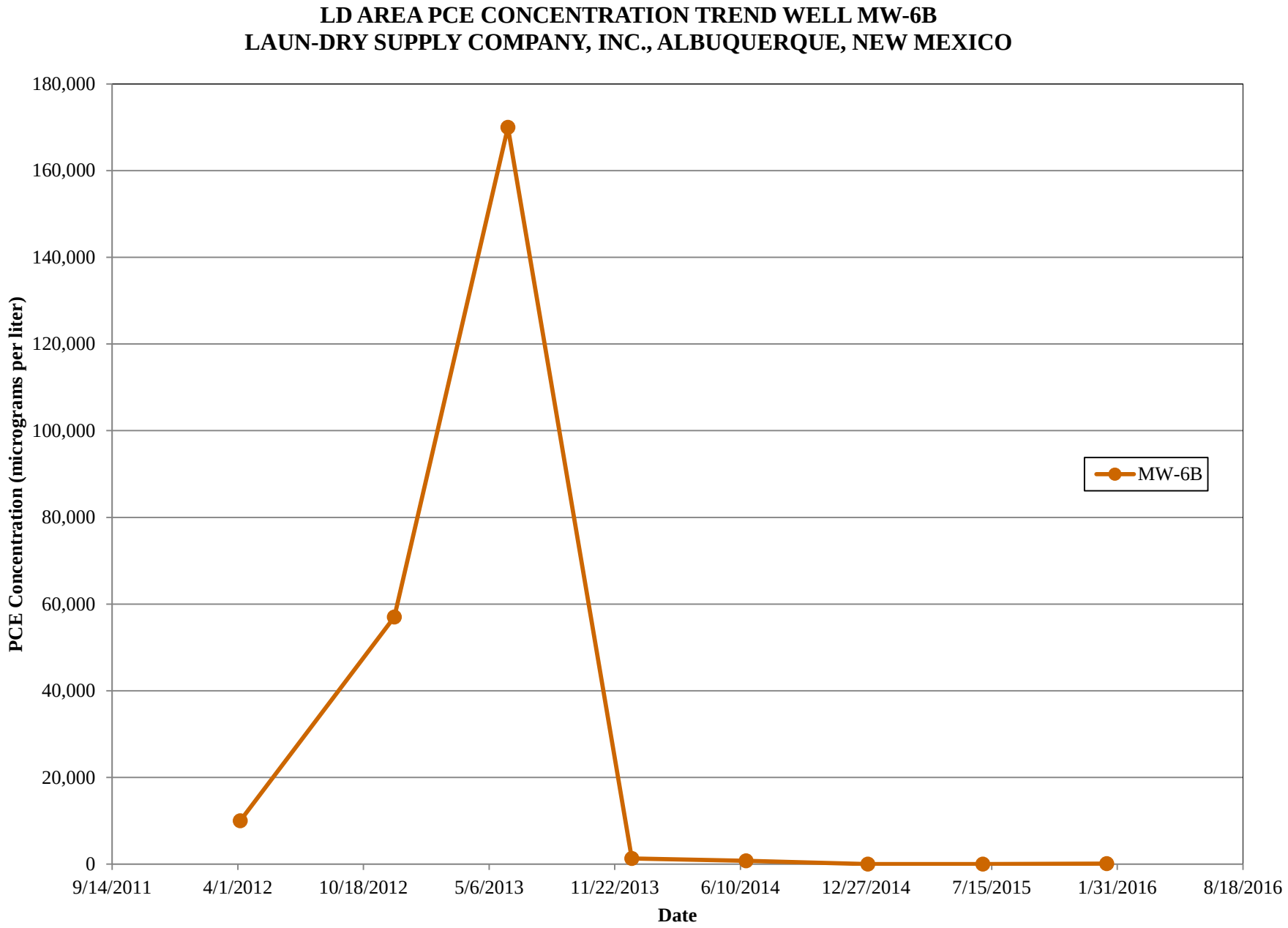

DISTAL PLUME WELL HYDROGRAPH
LAUN-DRY SUPPLY COMPANY, INC., ALBUQUERQUE, NEW MEXICO
Groundwater Elevation (ft)
4930.00
4925.00
4920.00
4915.00
4910.00
4905.00
4900.00
10/10/2006
2/22/2008
7/6/2009
11/18/2010
4/1/2012
8/14/2013
12/27/2014
5/10/2016
9/22/2017
Date
MW-6H-S
MW-6H-D
BG-BMW-1
BG-BMW-8
BG-BMW-12
CA-FSY-14
CHMW-E
MW-4H-06
RayMar -W
RayMar -E
MW-17
MW-18S
MW-19
SBM-1
SBM-2

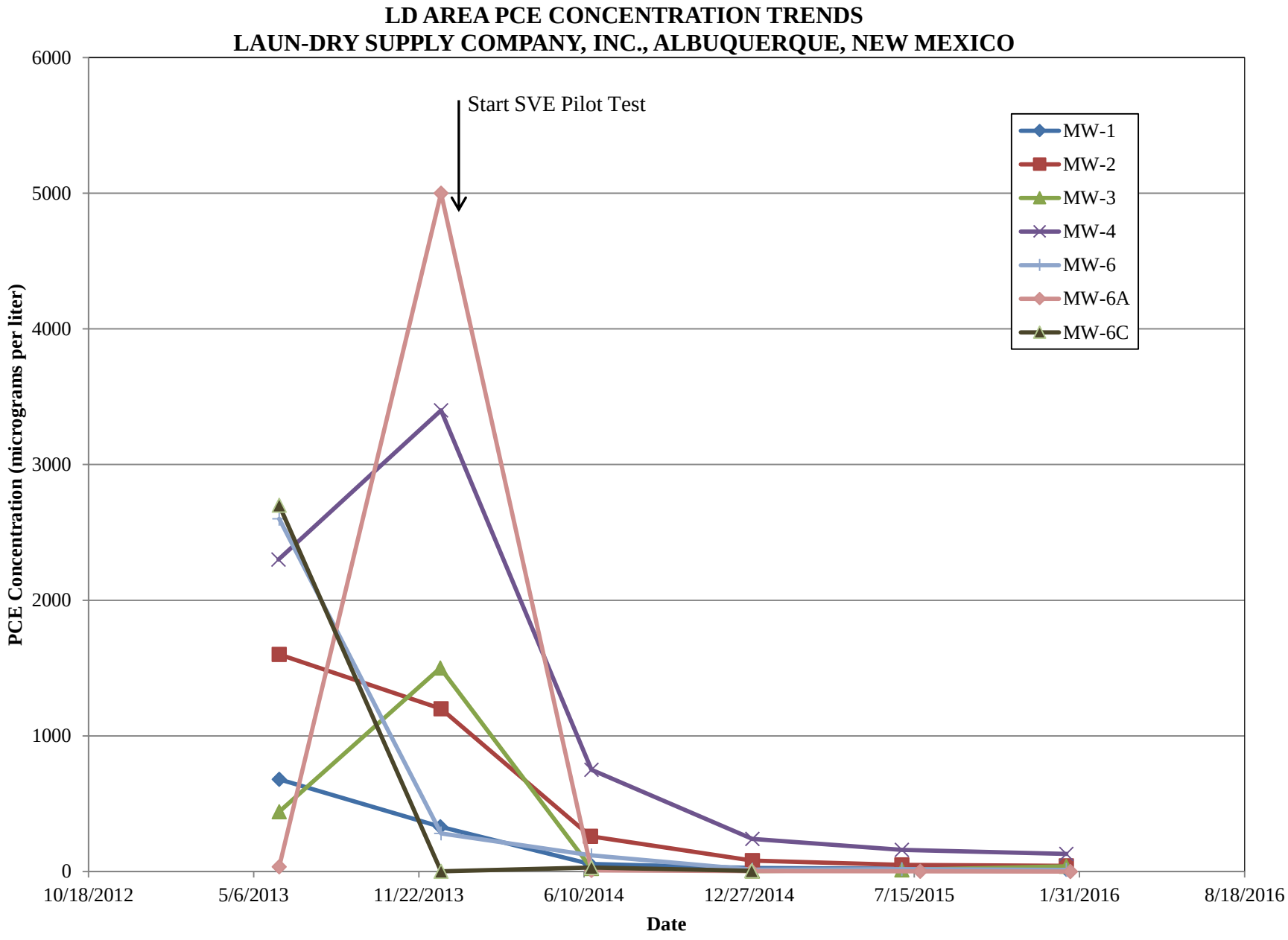

Laun-Dry Hydrographs
Groundwater Elevation (ft)
4940.00
4935.00
4930.00
4925.00
4920.00
4915.00
4910.00
1/14/2004
5/28/2005
10/10/2006
2/22/2008
7/6/2009
11/18/2010
4/1/2012
8/14/2013
12/27/2014
5/10/2016
9/22/2017
Date
MW-1
MW-2
MW-3
MW-4
MW-4H-04
MW-5
MW-6
MW-6A
MW-6B
MW-6C
MW-6D
MW-6E
MW-6G
MW-6H-S
MW-6H-D
MW-8
MW-9
MW-10
MW-11
MW-12
MW-14S
MW-15S
MW-15D
MW-16
MW-17
MW-18S
MW-19

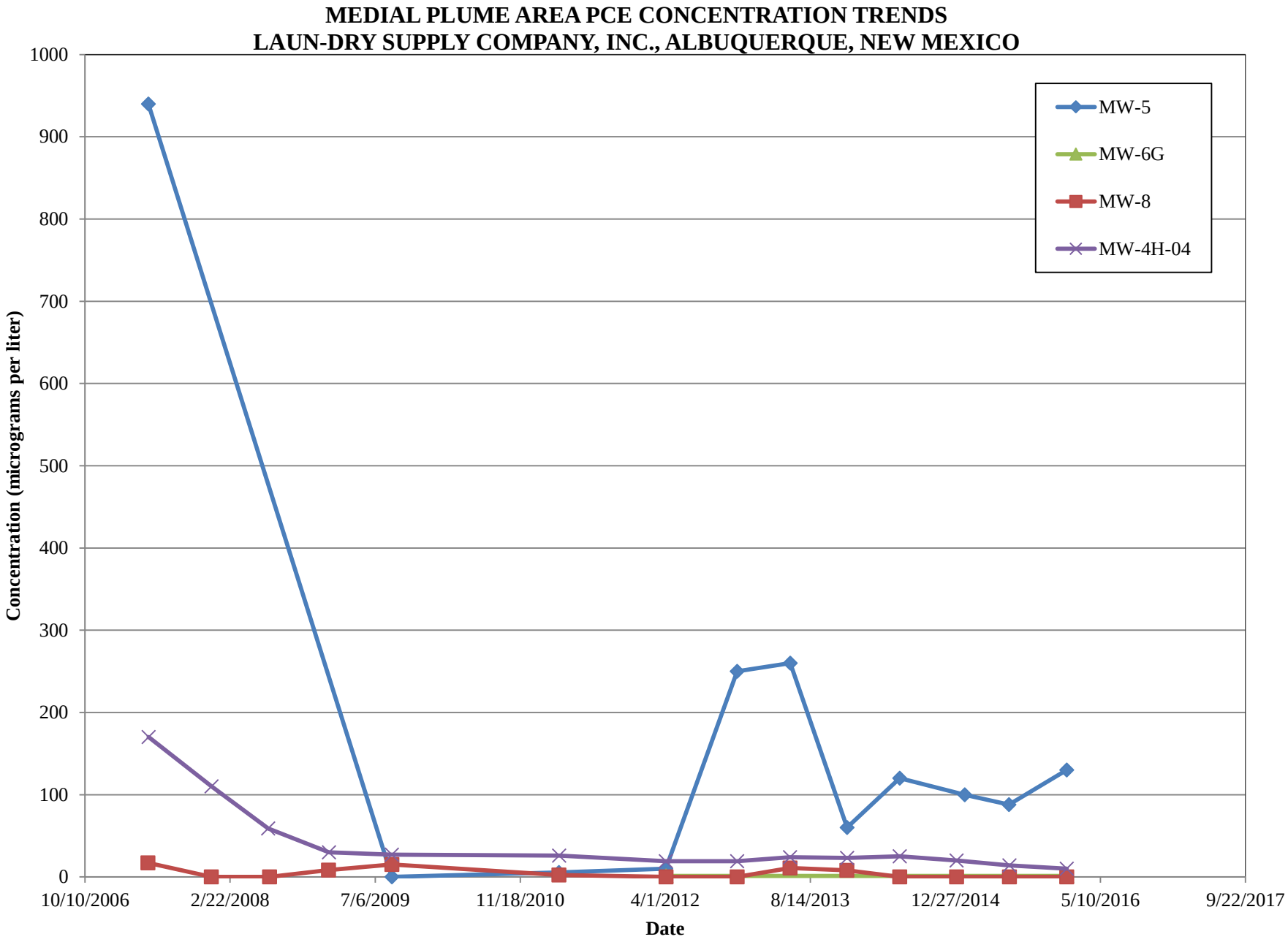
APPENDIX C
ANALYTICAL LABORATORY REPORTS
(Provided Electronically on CD)

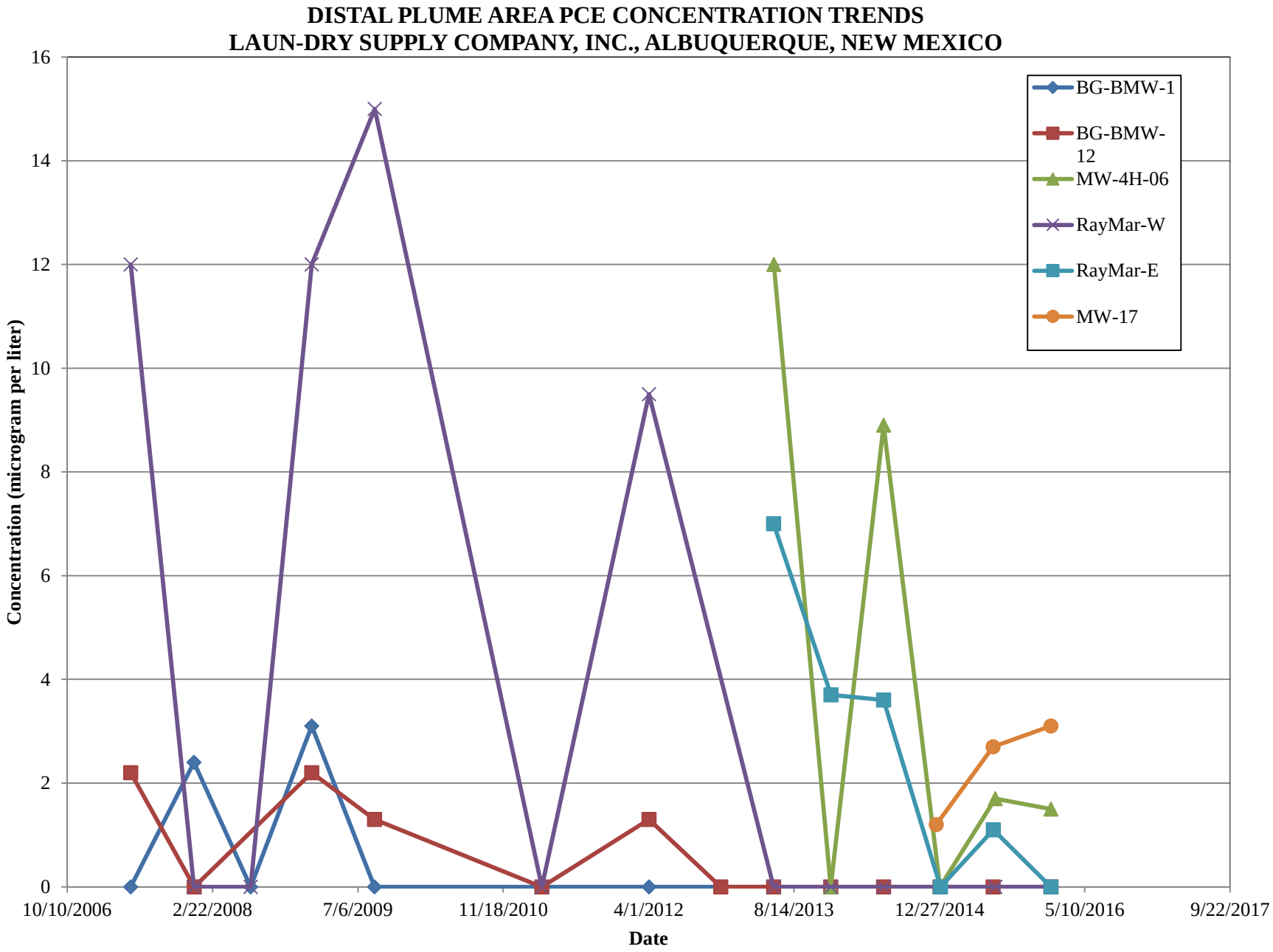
APPENDIX D
GROUNDWATER CONCENTRATION TRENDS

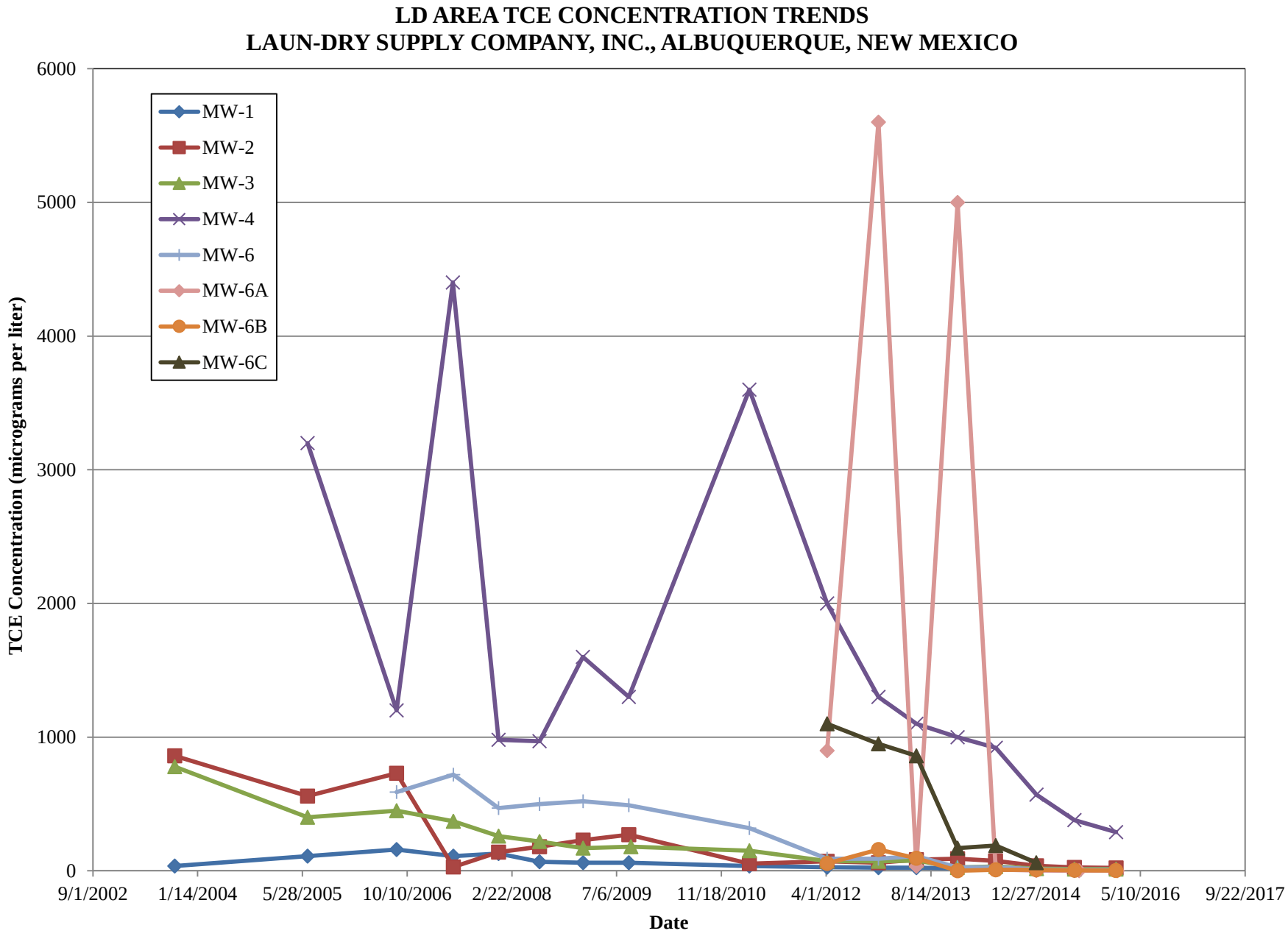

LD AREA PCE CONCENTRATION TRENDS
LAUN-DRY SUPPLY COMPANY, INC., ALBUQUERQUE, NEW MEXICO
PCE Concentration (micrograms per liter)
12000
10000
8000
6000
4000
2000
0
9/1/2002
1/14/2004
5/28/2005
10/10/2006
2/22/2008
7/6/2009
11/18/2010
4/1/2012
8/14/2013
12/27/2014
5/10/2016
9/22/2017
Date
MW-1
MW-2
MW-3
MW-4
MW-6
MW-6A
MW-6C

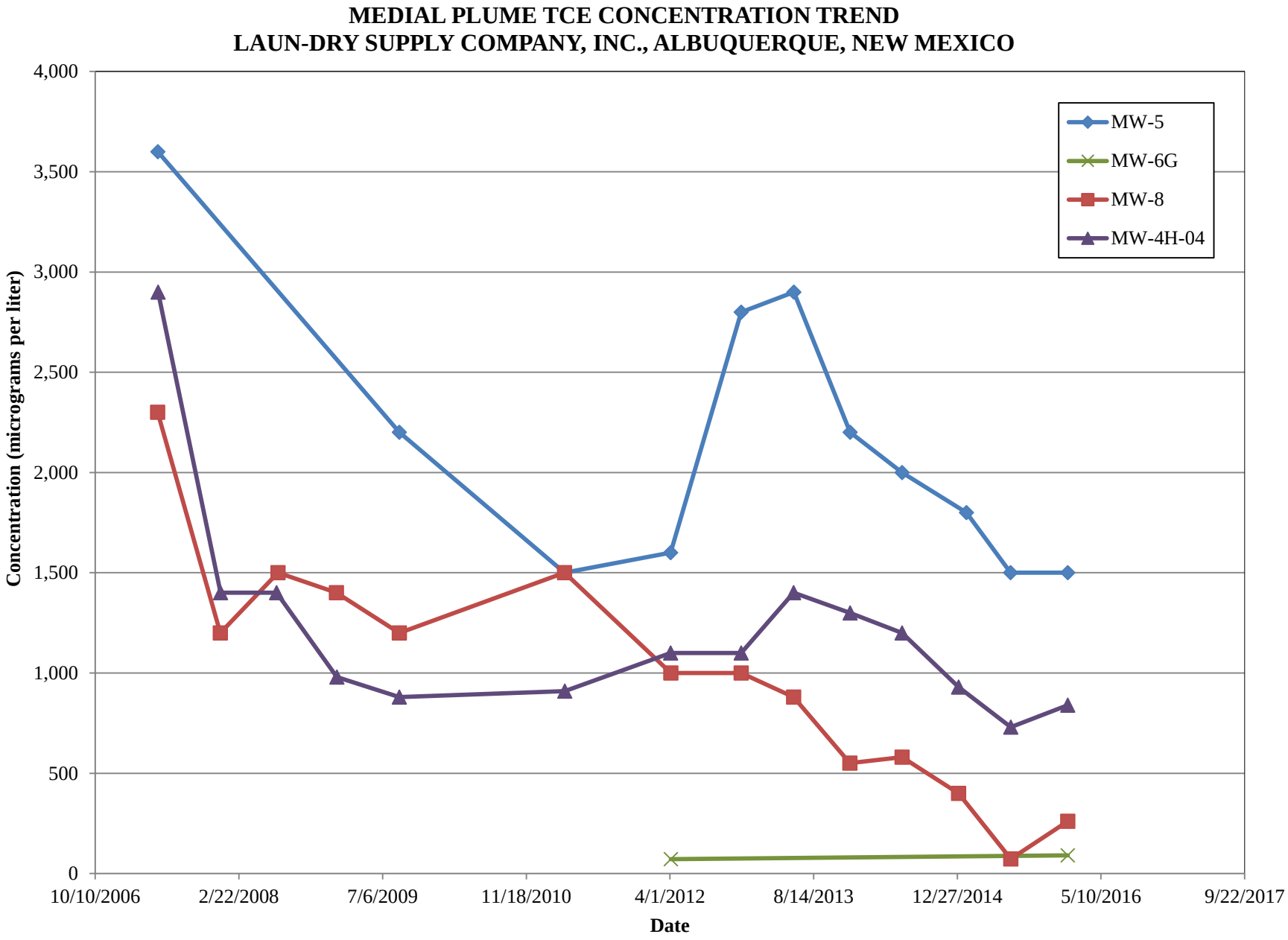

LD AREA PCE CONCENTRATION TREND WELL MW-6B
LAUN-DRY SUPPLY COMPANY, INC., ALBUQUERQUE, NEW MEXICO
PCE Concentration (micrograms per liter)
180,000
160,000
140,000
120,000
100,000
80,000
60,000
40,000
20,000
0
9/14/2011
4/1/2012
10/18/2012
5/6/2013
11/22/2013
6/10/2014
12/27/2014
7/15/2015
1/31/2016
8/18/2016
Date
MW-6B

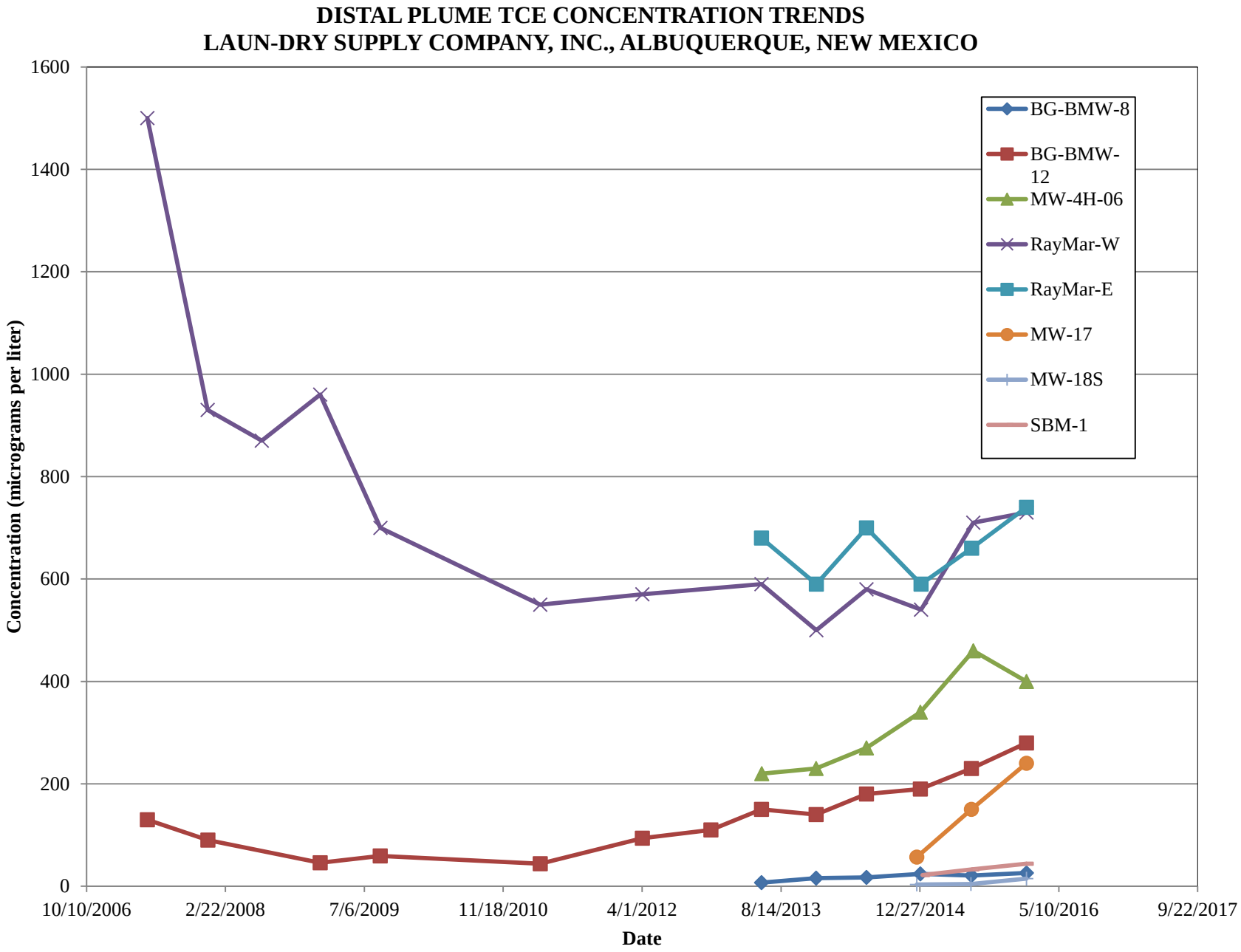

LD AREA PCE CONCENTRATION TRENDS
LAUN-DRY SUPPLY COMPANY, INC., ALBUQUERQUE, NEW MEXICO
Start SVE Pilot Test
MW-1
MW-2
MW-3
MW-4
MW-6
MW-6A
MW-6C
PCE Concentration (micrograms per liter)
6000
5000
4000
3000
2000
1000
0
10/18/2012
5/6/2013
11/22/2013
6/10/2014
12/27/2014
7/15/2015
1/31/2016
8/18/2016
Date


MEDIAL PLUME AREA PCE CONCENTRATION TRENDS
LAUN-DRY SUPPLY COMPANY, INC., ALBUQUERQUE, NEW MEXICO
Concentration (micrograms per liter)
1000
900
800
700
600
500
400
300
200
100
0
10/10/2006
2/22/2008
7/6/2009
11/18/2010
4/1/2012
8/14/2013
12/27/2014
5/10/2016
9/22/2017
Date
MW-5
MW-6G
MW-8
MW-4H-04

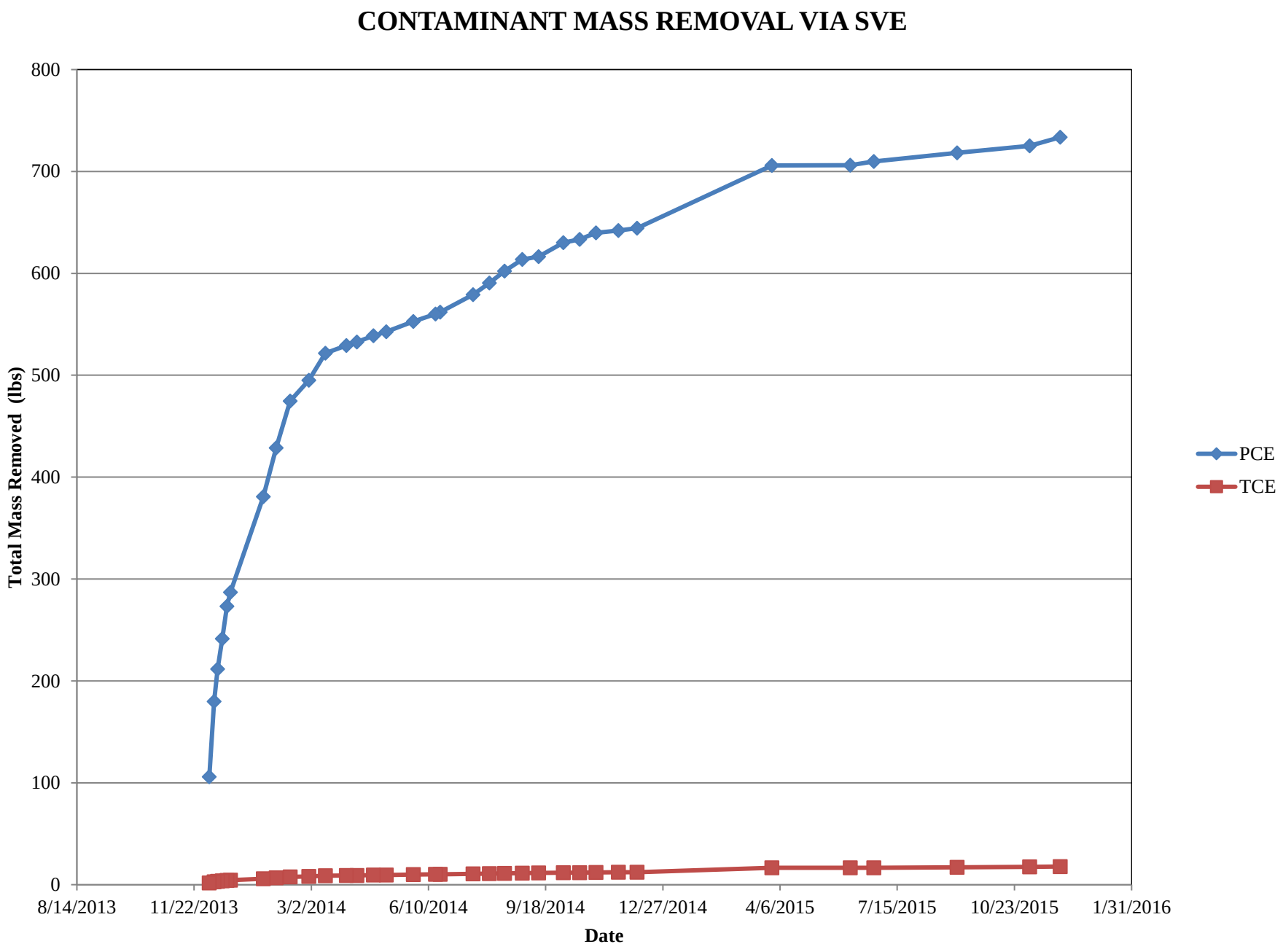

DISTAL PLUME AREA PCE CONCENTRATION TRENDS
LAUN-DRY SUPPLY COMPANY, INC., ALBUQUERQUE, NEW MEXICO
Concentration (microgram per liter)
16
14
12
10
8
6
4
2
0
10/10/2006
2/22/2008
7/6/2009
11/18/2010
4/1/2012
8/14/2013
12/27/2014
5/10/2016
9/22/2017
Date
BG-BMW-1
BG-BMW-12
MW-4H-06
RayMar-W
RayMar-E
MW-17

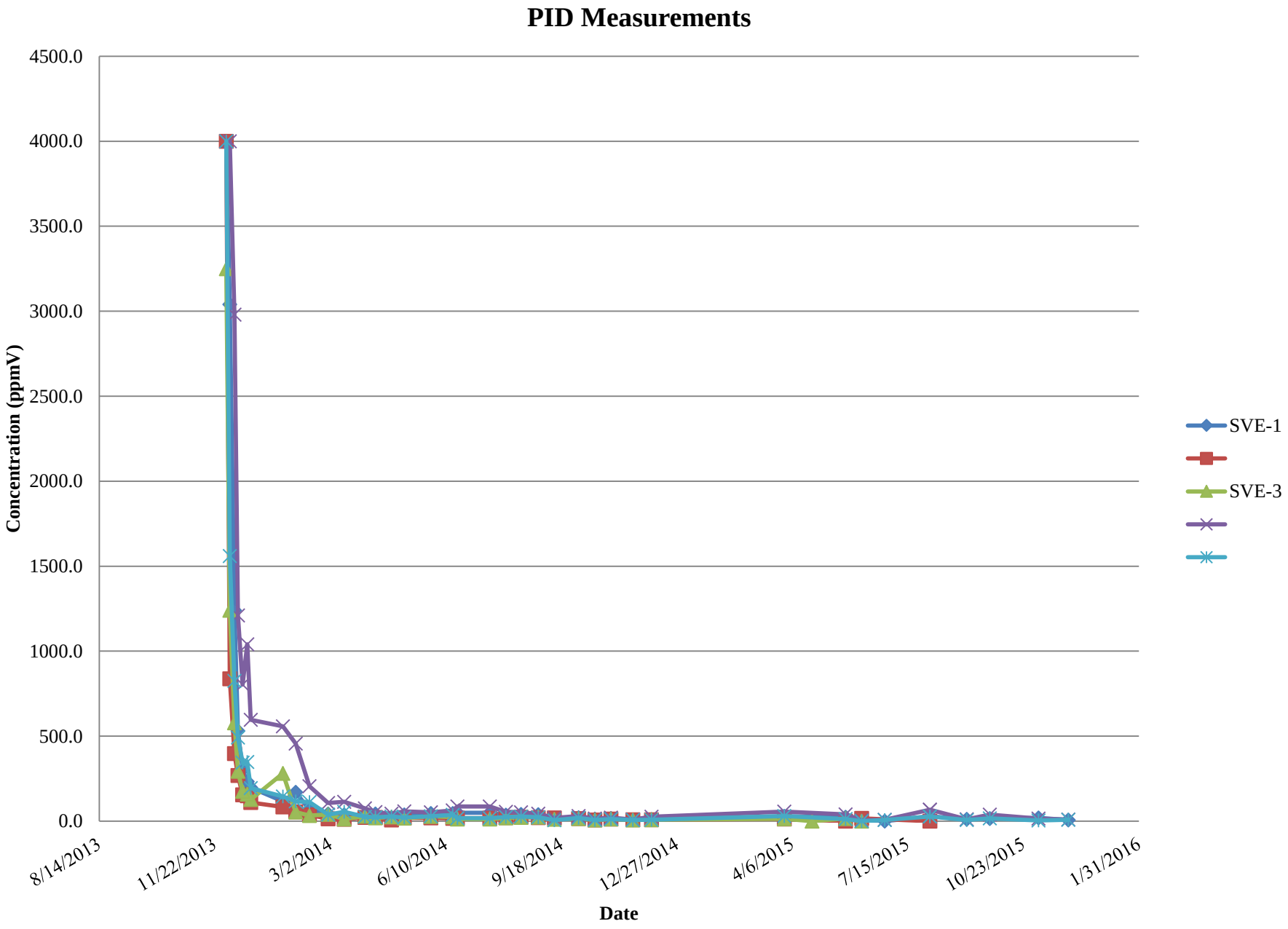

LD AREA TCE CONCENTRATION TRENDS
LAUN-DRY SUPPLY COMPANY, INC., ALBUQUERQUE, NEW MEXICO
TCE Concentration (micrograms per liter)
6000
5000
4000
3000
2000
1000
0
MW-1
MW-2
MW-3
MW-4
MW-6
MW-6A
MW-6B
MW-6C
9/1/2002
1/14/2004
5/28/2005
10/10/2006
2/22/2008
7/6/2009
11/18/2010
4/1/2012
8/14/2013
12/27/2014
5/10/2016
9/22/2017
Date


MEDIAL PLUME TCE CONCENTRATION TREND
LAUN-DRY SUPPLY COMPANY, INC., ALBUQUERQUE, NEW MEXICO
Concentration (micrograms per liter)
4,000
3,500
3,000
2,500
2,000
1,500
1,000
500
0
10/10/2006
2/22/2008
7/6/2009
11/18/2010
4/1/2012
8/14/2013
12/27/2014
5/10/2016
9/22/2017
Date
MW-5
MW-6G
MW-8
MW-4H-04


DISTAL PLUME TCE CONCENTRATION TRENDS
LAUN-DRY SUPPLY COMPANY, INC., ALBUQUERQUE, NEW MEXICO
Concentration (micrograms per liter)
1600
1400
1200
1000
800
600
400
200
0
10/10/2006
2/22/2008
7/6/2009
11/18/2010
4/1/2012
8/14/2013
12/27/2014
5/10/2016
9/22/2017
Date
BG-BMW-8
BG-BMW-12
MW-4H-06
RayMar-W
RayMar-E
MW-17
MW-18S
SBM-1

APPENDIX E
SVE TRENDS


CONTAMINANT MASS REMOVAL VIA SVE
Total Mass Removed (lbs)
800
700
600
500
400
300
200
100
0
8/14/2013
11/22/2013
3/2/2014
6/10/2014
9/18/2014
12/27/2014
4/6/2015
7/15/2015
10/23/2015
1/31/2016
Date
PCE
TCE


PID Measurements
4500.0
4000.0
3500.0
3000.0
2500.0
2000.0
1500.0
1000.0
500.0
0.0
Concentration (ppmV)
8/14/2013
11/22/2013
3/2/2014
6/10/2014
9/18/2014
12/27/2014
4/6/2015
7/15/2015
10/23/2015
1/31/2016
Date
SVE-1
SVE-3

ATTACHMENT 1
PASSIVE SOIL GAS SURVEY
(Provided Electronically on CD)

ATTACHMENT 2
IN-SITU GROUNDWATER TREATMENT PILOT TEST
1-YEAR RESULTS
(Provided Electronically on CD)

ATTACHMENT 3
VAPOR INTRUSION ASSESSMENT
(Provided Electronically on CD)