Department of Energy

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NOV 3 0 2015

Mr. Allan Shingleton
Division of Waste Management
Kentucky Department for Environmental Protection
625 Hospital Drive
Madisonville, Kentucky 42431

PPPO-02-3262164-16B

Ms. April Webb
Division of Waste Management
Kentucky Department for Environmental Protection
200 Fair Oaks Lane, 2nd Floor
Frankfort, Kentucky 40601

Dear Mr. Shingleton and Ms. Webb:

TRANSMITTAL OF C-404 HAZARDOUS WASTE LANDFILL NOVEMBER 2015 SEMIANNUAL GROUNDWATER REPORT (APRIL 2015–SEPTEMBER 2015), PADUCAH GASEOUS DIFFUSION PLANT, PADUCAH, KENTUCKY, PAD-ENM-0095/V2, PERMIT NUMBER KY8-890-008-982

This report is submitted to comply with Part II Specific Condition II.K.6.d of the Hazardous Waste Management Facility Permit, Permit Number KY8-890-008-982. This report provides the groundwater analytical results and statistical analysis of those results for the semiannual sampling event conducted during July 2015 at the C-404 Hazardous Waste Landfill. This report also includes the permit-required annual flow rate and direction. The groundwater flow direction information supports our understanding that the groundwater flows generally northward, commonly varying from northeast to northwest.

Results of the statistical analyses indicate that compliance well concentrations of permit-required parameters are not statistically different from those in background wells; therefore, there is no indication that the C-404 Landfill has affected the underlying groundwater.

If you have any questions or require additional information, please contact David Dollins at (270) 441-6819.

Sincerely,

Jennifer Woodard

Jennifer Woodard
Paducah Site Lead
Portsmouth/Paducah Project Office

Enclosures:
1. Certification Page
2. C-404 Hazardous Waste Landfill November 2015 Semiannual Groundwater Report

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CERTIFICATION

Document Identification: ***C-404 Hazardous Waste Landfill November 2015 Semiannual Groundwater Report (July 2015–September 2015), Paducah Gaseous Diffusion Plant, Paducah, Kentucky,*** **PAD-ENM-0095/V2, Permit Number KY8-890-008-982**

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to ensure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Fluor Federal Services, Inc.

Mark J. Duff, Director, Environmental Management

11-30-15
Date Signed

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to ensure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons directly responsible for gathering the information, the information submitted is to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

U.S. Department of Energy

Jennifer Woodard, Paducah Site Lead
Portsmouth/Paducah Project Office

11/30/15
Date Signed

PAD-ENM-0095/V2

C-404 Hazardous Waste Landfill November 2015 Semiannual Groundwater Report (April 2015–September 2015), Paducah Gaseous Diffusion Plant, Paducah, Kentucky

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PAD-ENM-0095/V2

C-404 Hazardous Waste Landfill November 2015 Semiannual Groundwater Report (April 2015–September 2015), Paducah Gaseous Diffusion Plant, Paducah, Kentucky

Date Issued—November 2015

U.S. Department of Energy
Office of Environmental Management

Prepared by
FLUOR FEDERAL SERVICES, INC.,
Paducah Deactivation Project
managing the
Deactivation Project at the
Paducah Gaseous Diffusion Plant
under Task Order DE-DT0007774

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CONTENTS

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TABLES

FIGURE

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ACRONYMS

AKGWA	Assembled Kentucky Groundwater
LOD	level of detection
MW	monitoring well
PGDP	Paducah Gaseous Diffusion Plant
RCRA	Resource Conservation and Recovery Act
RGA	Regional Gravel Aquifer
UCRS	Upper Continental Recharge System
URGA	Upper Regional Gravel Aquifer

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EXECUTIVE SUMMARY

This report, *C-404 Hazardous Waste Landfill November 2015 Semiannual Groundwater Report (April 2015–September 2015), Paducah Gaseous Diffusion Plant, Paducah, Kentucky*, PAD-ENM-0095/V2, is being submitted by the U.S. Department of Energy in accordance with requirements in the Kentucky Division of Waste Management Hazardous Waste Facility Permit, KY8-890-008-982. The reporting period covers April through September 2015 and includes analytical data from the July 2015 sampling of monitoring wells located in the vicinity of the closed C-404 Hazardous Waste Landfill (C-404 Landfill). In 1986, disposal of waste at C-404 Landfill was halted, and a portion of the disposed of waste was found to be Resource Conservation and Recovery Act (RCRA) hazardous. The landfill was covered with a RCRA multilayered cap and certified closed in 1987.

The groundwater monitoring results were subjected to statistical analyses. The analyses were conducted in accordance with the Hazardous Waste Facility Permit, reissued in July 2015. There is no statistical evidence of releases from the C-404 Landfill because concentrations in the downgradient (compliance) wells are not statistically different from the concentrations in upgradient (background) wells.

The annual leachate sump integrity test was performed from September to October 2015 and is included in Appendix C of this report. No leachate was removed during this reporting period. Leachate sample data from the previous reporting period (April 2015) is provided in this report because the laboratory data were not available by the regulatory deadline of the previous report.

Well rehabilitation efforts were conducted on monitoring well 84 during this reporting period. Rehabilitation of MW84 included the mechanical methods of brushing the screen and overpumping the well to remove biofouling and sediment that had collected at the bottom of the well.

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1. INTRODUCTION

This report contains the statistical evaluation of data from groundwater sampling and analysis for the C-404 Hazardous Waste Landfill (C-404 Landfill) at the Paducah Gaseous Diffusion Plant (PGDP), Paducah, Kentucky. This semiannual report is required by the Kentucky Division of Waste Management Hazardous Waste Facility Permit, KY8-890-008-982 (the permit) (KDWM 2015), Specific Condition II.K.6.d—Recordkeeping, Reporting, and Response. The period covered by this report is April through September 2015.

Groundwater analytical results are provided in Appendix A. The statistical analyses and qualification statement are provided in Appendix B. Landfill leachate information is provided in Appendix C. The groundwater flow direction determination is provided in Appendix D. Monitoring well inspection forms are provided in Appendix E.

1.1 BACKGROUND

The C-404 Landfill is located in the west-central portion of the PGDP secured area. The 1.2-acre facility operated as a surface impoundment from approximately 1952 until early 1957. During this time, influents to the impoundment originated from the C-400 Cleaning Building. In 1957, the impoundment was converted to a solid waste disposal facility for solid uranium-contaminated wastes. When the impoundment was converted into a disposal facility, a sump was installed at the former weir to collect the leachate from the facility. Leachate is pumped from the sump and treated as needed.

In 1986, the disposal of waste at C-404 Landfill was halted, and a portion of the disposed of waste was found to be Resource Conservation and Recovery Act (RCRA)-hazardous. The landfill was covered with a RCRA multilayered cap and certified closed in 1987. It currently is regulated under RCRA as a land disposal unit and compliance is monitored under the current Hazardous Waste Facility Permit (KDWM 2015).

Previous groundwater monitoring documented that concentrations in compliance wells were statistically different from background wells for trichloroethene (TCE). The *C-404 Landfill Source Demonstration, Paducah Gaseous Diffusion Plant, Paducah, Kentucky* (PRS 2007) documented that the source of the differences from background concentrations in compliance wells is not from the C-404 Landfill, but rather, the source is located upgradient/crossgradient of the C-404 Landfill.

1.2 MONITORING PERIOD ACTIVITIES

1.2.1 Groundwater Monitoring

Groundwater sampling was conducted in July 2015 using LATA Environmental Services of Kentucky, LLC, procedure PAD-ENM-2101, *Groundwater Sampling*. Appropriate sample containers and preservatives were used. The laboratory that performed analyses used U.S. Environmental Protection Agency (EPA)-approved methods, as applicable. There are nine monitoring wells (MWs) sampled under this permit for the C-404 Landfill: four Upper Continental Recharge System (UCRS) wells and five Upper Regional Gravel Aquifer (URGA) wells. Table 1 presents the well numbers for URGA wells located upgradient and downgradient of the C-404 Landfill. Table 1 also presents the well numbers for the UCRS wells located in proximity to the URGA wells. This table refers to these UCRS wells as being adjacent to an “upgradient” or “downgradient” URGA well location, identified relative to the URGA groundwater flow direction (see Figure 1).

Table 1. Monitoring Well Locations

UCRS	
Located south of C-404, adjacent to upgradient Regional Gravel Aquifer (RGA) background well MW93	MW94
Located north of C-404, adjacent to downgradient RGA compliance wells	MW85, MW88, MW91
URGA	
Upgradient background wells	MW93, MW420
Downgradient compliance wells	MW84, MW87, MW90A*

*MW90 was abandoned in 2001 and replaced with MW90A.

The conceptual model for the site demonstrates that groundwater in the UCRS wells flows vertically until it reaches the URGA; therefore, UCRS wells are not considered "upgradient" or "downgradient" of other wells in the area.

Table 2 presents the Assembled Kentucky Groundwater (AKGWA) numbers for each MW. A map of the MW locations is provided in Figure 1. All of the MWs listed in Tables 1 and 2 were sampled during this reporting period, and the samples were analyzed for parameters required by the Hazardous Waste Facility Permit.

Appendix A of this report contains the analytical results from the wells that were sampled during the July 2015 semiannual sampling event. The parameters specified in Hazardous Waste Facility Permit, Attachment E, Groundwater Monitoring, were analyzed for all locations sampled. Appendix B of this report contains the statistical analyses.

Per Permit Specific Condition II.K.4.a, the groundwater flow rate and direction are evaluated annually and reported in each November report. For this report, a potentiometric map has been included in Appendix D using data from sampling performed in January and August as supplemental information. Depth-to-water was measured on January 28, 2015, and August 4, 2015, from several wells at the perimeter of the C-404 Landfill (see Table D.1). Water level measurements in 11 vicinity well locations define the potentiometric surface for the URGA (see Table D.1). Groundwater flow direction beneath the C-404 Landfill generally trends northward, but commonly varies from northeast to northwest.

1.2.2 Landfill Leachate

The C-404 General Inspection Records and the Monthly, Quarterly, and Annual Landfill Inspection Results are included in Appendix C. In accordance with the Hazardous Waste Facility Permit, the quantity of liquid in the leachate collection system is monitored (at least monthly) and, at a minimum, will be "removed when the quantity exceeds three ft in depth." The monthly leachate depths in the C-404 sump recorded for this reporting period are included in Appendix C.

No leachate was removed from the sump during this reporting period, April to September 2015.

Leachate sample data from the previous reporting period are provided in this report because the laboratory data were not available by the regulatory deadline of the previous report. Analytical results from leachate sampling on April 8, 2015, conducted for the leachate removal event on March 30, 2015, are included in Appendix C.

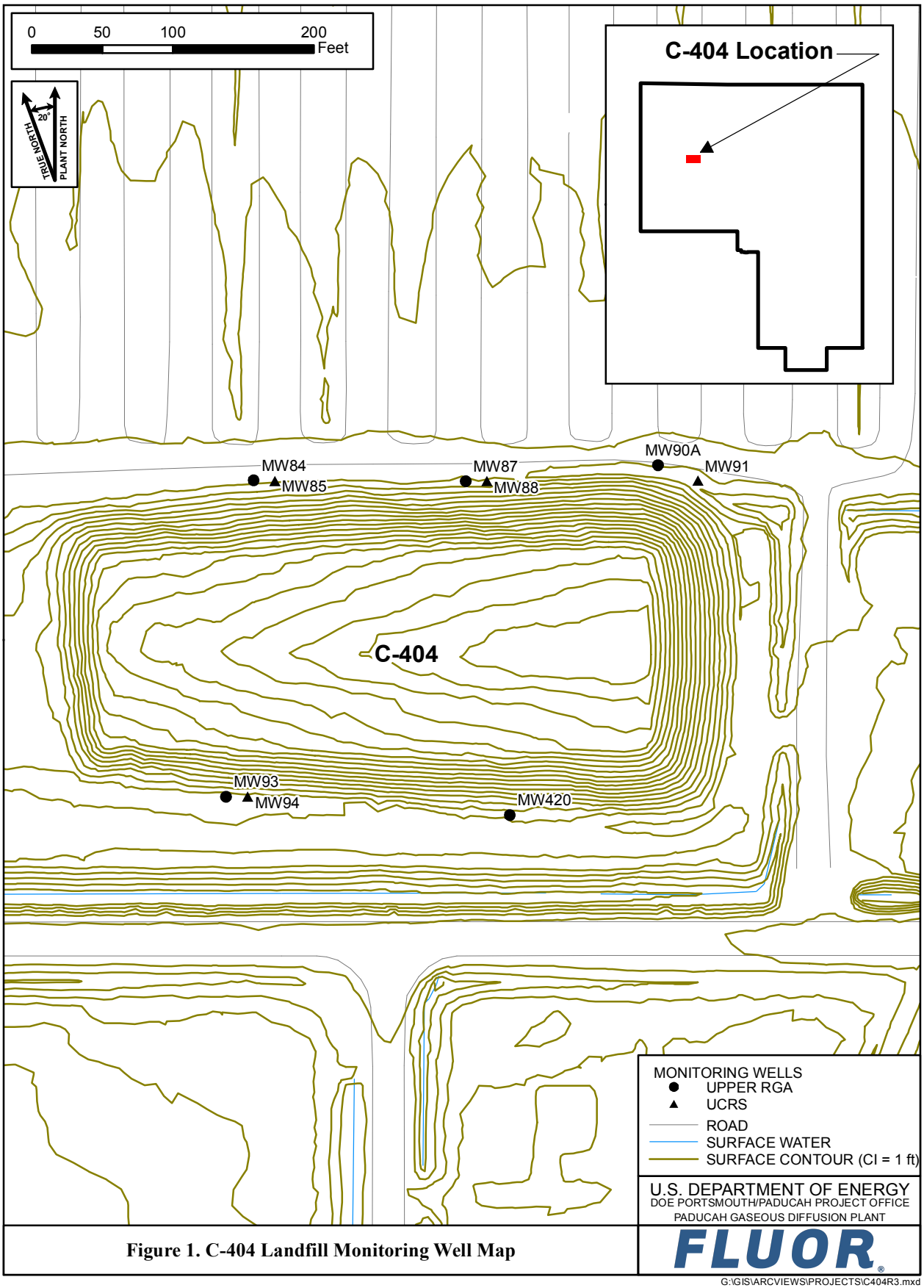

Figure 1. C-404 Landfill Monitoring Well Map

Table 2. Assembled Kentucky Groundwater Database Numbers

PGDP Well Number	AKGWA Number
MW84	8000-5233
MW85	8000-5234
MW87	8000-5236
MW88	8000-5237
MW90A	8004-0357
MW91	8000-5240
MW93	8000-5102
MW94	8000-5103
MW420	8005-3263

Per Permit Attachment I, a leachate sump integrity test is conducted annually at C-404. The test is a measure of water elevations monitored over a one-month period during the year, and reported in this semiannual report. The leachate level was monitored using an automated system at 15 minute intervals from 8:45 a.m. on September 9, 2015, through 9:00 a.m. on October 10, 2015. The printout of the data is provided in Appendix C. The test shows the leachate level was constant (within 0.06 ft) over the monitoring period; the measurement shows no evidence of the C-404 unit leaking.

1.2.3 Maintenance

Well rehabilitation efforts were conducted on June 15, 2015, for MW84. Rehabilitation of MW84 included the mechanical methods of brushing the screen and overpumping the well to remove biofouling and sediment that had collected at the bottom of the well. MW84 was rehabilitated due to trends observed in results from geochemical analysis that indicated potential biofouling and sedimentation in the well.

2. STATISTICAL SYNOPSIS

The statistical analyses conducted on the data collected from C-404 Landfill were performed in accordance with procedures in the Hazardous Waste Facility Permit, Attachment Part E, reissued in July 2015. Appendix B of this report contains the statistical analyses performed for this reporting period. Data utilized for statistical analyses included data from the URGA background wells, MW93 and MW420, and URGA compliance wells, MW84, MW87, and MW90A. For these statistical analyses, the reporting period data set includes data from August 2013, January 2014, July 2014, January 2015, and July 2015.

The statistical tests on all parameters showed no statistical difference between concentrations in the downgradient (compliance) and upgradient (background) wells, indicating no evidence of releases from the C-404 Landfill.

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3. DATA VALIDATION AND QA/QC SUMMARY

The data and the data validation qualifiers for the July 2015 data set are provided in Appendix A. All data for this data set were considered useable as reported.

Data validation was performed on the organic, inorganic, and radiochemical analytical data by an independent, third-party validator.

Field quality control samples are collected semiannually during each sampling event. Equipment rinseate blanks, field blanks, and trip blanks are obtained to ensure quality control and are reported in the Analytical Results in Appendix A. No contamination was detected in these samples. Laboratory quality control samples, such as matrix spikes, matrix spike duplicates, and method blanks, are performed by the laboratory and reported in the laboratory report. Both field and laboratory quality control sample results are reviewed as part of the data validation process.

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4. PROFESSIONAL GEOLOGIST AUTHORIZATION

DOCUMENT IDENTIFICATION: *C-404 Hazardous Waste Landfill*
November 2015 Semiannual Groundwater Report
(April 2015–September 2015),
Paducah Gaseous Diffusion Plant, Paducah, Kentucky
(PAD-ENM-0095/V2)

Stamped and signed pursuant to my authority as a duly registered geologist under the provisions of *KRS* Chapter 322A.

Kenneth R. Davis — Kenneth R. Davis

PG1194

November 24, 2015
Date

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5. REFERENCES

KDWM (Kentucky Division of Waste Management) 2015. Hazardous Waste Facility Permit for the U.S. Department of Energy, Paducah Gaseous Diffusion Plant, KY8-890-008-982, effective July 26, 2015.

PRS (Paducah Remediation Services, LLC) 2007. *C-404 Landfill Source Demonstration, Paducah Gaseous Diffusion Plant, Paducah, Kentucky*, PRS-ENM-0031/R2, Paducah Remediation Services, LLC, Kevil, KY.

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APPENDIX A

C-404 HAZARDOUS WASTE LANDFILL ANALYTICAL RESULTS

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Paducah OREIS
GROUNDWATER MONITORING REPORT

Facility: C-404 Landfill **County:** McCracken **Permit #:** KY8-890-008-982

Sampling Point: MW84 REG Downgradient URGA **Period:** Semiannual Report

AKGWA Well Tag #: 8000-5233

Parameter	Qualifier	Result	Units	Date Collected	Counting Error (+/-)	TPU	Method	Validation
Arsenic		0.0092	mg/L	7/15/2015			SW846-6020	=
Arsenic, Dissolved		0.0054	mg/L	7/15/2015			SW846-6020	=
Barometric Pressure Reading		29.89	Inches/Hg	7/15/2015				X
Cadmium	J	0.0001	mg/L	7/15/2015			SW846-6020	=
Cadmium, Dissolved	U	0.001	mg/L	7/15/2015			SW846-6020	=
Chromium		0.0347	mg/L	7/15/2015			SW846-6020	=
Chromium, Dissolved	U	0.01	mg/L	7/15/2015			SW846-6020	=
Conductivity		351	umho/cm	7/15/2015				X
Depth to Water		47.39	ft	7/15/2015				X
Dissolved Oxygen		3.12	mg/L	7/15/2015				X
Lead	J	0.0009	mg/L	7/15/2015			SW846-6020	=
Lead, Dissolved	U	0.002	mg/L	7/15/2015			SW846-6020	=
Mercury	U	0.0002	mg/L	7/15/2015			SW846-7470A	=
Mercury, Dissolved	U	0.0002	mg/L	7/15/2015			SW846-7470A	=
pH		5.9	Std Unit	7/15/2015				X
Redox		419	mV	7/15/2015				X
Selenium	U	0.005	mg/L	7/15/2015			SW846-6020	=
Selenium, Dissolved	U	0.005	mg/L	7/15/2015			SW846-6020	=
Technetium-99	U	12.7	pCi/L	7/15/2015	12.9	13	HASL 300, Tc-02-RC M	=
Temperature		71.8	deg F	7/15/2015				X
Trichloroethene		1530	ug/L	7/15/2015			SW846-8260B	=
Turbidity		62.1	NTU	7/15/2015				X
Uranium	J	0.0002	mg/L	7/15/2015			SW846-6020	U
Uranium-234	U	0.754	pCi/L	7/15/2015	1.48	1.49	HASL 300, U-02-RC M	=
Uranium-235	U	0.933	pCi/L	7/15/2015	1.83	1.84	HASL 300, U-02-RC M	=
Uranium-238	U	0.977	pCi/L	7/15/2015	1.73	1.74	HASL 300, U-02-RC M	=

Paducah OREIS
GROUNDWATER MONITORING REPORT

Facility: C-404 Landfill **County:** McCracken **Permit #:** KY8-890-008-982

Sampling Point: MW85 REG Downgradient UCRS **Period:** Semiannual Report

AKGWA Well Tag #: 8000-5234

Parameter	Qualifier	Result	Units	Date Collected	Counting Error (+/-)	TPU	Method	Validation
Arsenic		0.0079	mg/L	7/20/2015			SW846-6020	=
Arsenic, Dissolved		0.0050	mg/L	7/20/2015			SW846-6020	=
Barometric Pressure Reading		29.92	Inches/Hg	7/20/2015				X
Cadmium	U	0.001	mg/L	7/20/2015			SW846-6020	=
Cadmium, Dissolved	U	0.001	mg/L	7/20/2015			SW846-6020	=
Chromium	J	0.0081	mg/L	7/20/2015			SW846-6020	U
Chromium, Dissolved	J	0.0075	mg/L	7/20/2015			SW846-6020	=
Conductivity		409	umho/cm	7/20/2015				X
Depth to Water		10.46	ft	7/20/2015				X
Dissolved Oxygen		2.81	mg/L	7/20/2015				X
Lead	U	0.002	mg/L	7/20/2015			SW846-6020	=
Lead, Dissolved	U	0.002	mg/L	7/20/2015			SW846-6020	=
Mercury	U	0.0002	mg/L	7/20/2015			SW846-7470A	=
Mercury, Dissolved	U	0.0002	mg/L	7/20/2015			SW846-7470A	=
pH		6.17	Std Unit	7/20/2015				X
Redox		597	mV	7/20/2015				X
Selenium	U	0.005	mg/L	7/20/2015			SW846-6020	=
Selenium, Dissolved	J	0.0017	mg/L	7/20/2015			SW846-6020	=
Technetium-99		98.3	pCi/L	7/20/2015	15.2	18.7	HASL 300, Tc-02-RC M	=
Temperature		65.7	deg F	7/20/2015				X
Trichloroethene		12.2	ug/L	7/20/2015			SW846-8260B	=
Turbidity		29.9	NTU	7/20/2015				X
Uranium		0.0004	mg/L	7/20/2015			SW846-6020	=
Uranium-234	U	1.72	pCi/L	7/20/2015	2.13	2.15	HASL 300, U-02-RC M	=
Uranium-235	U	0.373	pCi/L	7/20/2015	1.4	1.4	HASL 300, U-02-RC M	=
Uranium-238	U	0.715	pCi/L	7/20/2015	1.62	1.63	HASL 300, U-02-RC M	=

Paducah OREIS
GROUNDWATER MONITORING REPORT

Facility: C-404 Landfill **County:** McCracken **Permit #:** KY8-890-008-982

Sampling Point: MW87 REG Downgradient URGA **Period:** Semiannual Report

AKGWA Well Tag #: 8000-5236

Parameter	Qualifier	Result	Units	Date Collected	Counting Error (+/-)	TPU	Method	Validation
Arsenic	J	0.0045	mg/L	7/15/2015			SW846-6020	=
Arsenic, Dissolved	J	0.0027	mg/L	7/15/2015			SW846-6020	=
Barometric Pressure Reading		29.92	Inches/Hg	7/15/2015				X
Cadmium	U	0.001	mg/L	7/15/2015			SW846-6020	=
Cadmium, Dissolved	U	0.001	mg/L	7/15/2015			SW846-6020	=
Chromium	J	0.0081	mg/L	7/15/2015			SW846-6020	=
Chromium, Dissolved	U	0.01	mg/L	7/15/2015			SW846-6020	=
Conductivity		307	umho/cm	7/15/2015				X
Depth to Water		47.37	ft	7/15/2015				X
Dissolved Oxygen		2.3	mg/L	7/15/2015				X
Lead	U	0.002	mg/L	7/15/2015			SW846-6020	=
Lead, Dissolved	U	0.002	mg/L	7/15/2015			SW846-6020	=
Mercury	U	0.0002	mg/L	7/15/2015			SW846-7470A	=
Mercury, Dissolved	U	0.0002	mg/L	7/15/2015			SW846-7470A	=
pH		6.02	Std Unit	7/15/2015				X
Redox		397	mV	7/15/2015				X
Selenium	U	0.005	mg/L	7/15/2015			SW846-6020	=
Selenium, Dissolved	U	0.005	mg/L	7/15/2015			SW846-6020	=
Technetium-99	U	2.99	pCi/L	7/15/2015	13.5	13.5	HASL 300, Tc-02-RC M	=
Temperature		70.2	deg F	7/15/2015				X
Trichloroethene		1250	ug/L	7/15/2015			SW846-8260B	=
Turbidity		14.3	NTU	7/15/2015				X
Uranium	J	9E-05	mg/L	7/15/2015			SW846-6020	U
Uranium-234	U	0.739	pCi/L	7/15/2015	1.68	1.68	HASL 300, U-02-RC M	=
Uranium-235	U	0.508	pCi/L	7/15/2015	1.43	1.43	HASL 300, U-02-RC M	=
Uranium-238	U	0.411	pCi/L	7/15/2015	1.15	1.16	HASL 300, U-02-RC M	=

Paducah OREIS
GROUNDWATER MONITORING REPORT

Facility: C-404 Landfill **County:** McCracken **Permit #:** KY8-890-008-982

Sampling Point: MW88 REG Downgradient UCRS **Period:** Semiannual Report

AKGWA Well Tag #: 8000-5237

Parameter	Qualifier	Result	Units	Date Collected	Counting Error (+/-)	TPU	Method	Validation
Arsenic		0.0061	mg/L	7/20/2015			SW846-6020	=
Arsenic, Dissolved	U	0.005	mg/L	7/20/2015			SW846-6020	=
Barometric Pressure Reading		29.92	Inches/Hg	7/20/2015				X
Cadmium	U	0.001	mg/L	7/20/2015			SW846-6020	=
Cadmium, Dissolved	U	0.001	mg/L	7/20/2015			SW846-6020	=
Chromium	J	0.0091	mg/L	7/20/2015			SW846-6020	U
Chromium, Dissolved	J	0.0029	mg/L	7/20/2015			SW846-6020	=
Conductivity		538	umho/cm	7/20/2015				X
Depth to Water		9.95	ft	7/20/2015				X
Dissolved Oxygen		1.85	mg/L	7/20/2015				X
Lead		0.0026	mg/L	7/20/2015			SW846-6020	=
Lead, Dissolved	J	0.0009	mg/L	7/20/2015			SW846-6020	=
Mercury	U	0.0002	mg/L	7/20/2015			SW846-7470A	=
Mercury, Dissolved	U	0.0002	mg/L	7/20/2015			SW846-7470A	=
pH		5.91	Std Unit	7/20/2015				X
Redox		605	mV	7/20/2015				X
Selenium	U	0.005	mg/L	7/20/2015			SW846-6020	=
Selenium, Dissolved	U	0.005	mg/L	7/20/2015			SW846-6020	=
Technetium-99		30	pCi/L	7/20/2015	13.3	13.8	HASL 300, Tc-02-RC M	=
Temperature		65.7	deg F	7/20/2015				X
Trichloroethene		4.2	ug/L	7/20/2015			SW846-8260B	=
Turbidity		63.8	NTU	7/20/2015				X
Uranium		0.0003	mg/L	7/20/2015			SW846-6020	=
Uranium-234	U	0.155	pCi/L	7/20/2015	1.83	1.83	HASL 300, U-02-RC M	=
Uranium-235	U	0.681	pCi/L	7/20/2015	1.87	1.88	HASL 300, U-02-RC M	=
Uranium-238	U	1.41	pCi/L	7/20/2015	1.93	1.94	HASL 300, U-02-RC M	=

Paducah OREIS
GROUNDWATER MONITORING REPORT

Facility: C-404 Landfill **County:** McCracken **Permit #:** KY8-890-008-982

Sampling Point: MW88 FR Downgradient UCRS **Period:** Semiannual Report

AKGWA Well Tag #: 8000-5237

Parameter	Qualifier	Result	Units	Date Collected	Counting Error (+/-)	TPU	Method	Validation
Arsenic		0.0052	mg/L	7/20/2015			SW846-6020	=
Arsenic, Dissolved	U	0.005	mg/L	7/20/2015			SW846-6020	=
Barometric Pressure Reading		29.92	Inches/Hg	7/20/2015				X
Cadmium	U	0.001	mg/L	7/20/2015			SW846-6020	=
Cadmium, Dissolved	U	0.001	mg/L	7/20/2015			SW846-6020	=
Chromium		0.0121	mg/L	7/20/2015			SW846-6020	U
Chromium, Dissolved	J	0.0031	mg/L	7/20/2015			SW846-6020	=
Conductivity		538	umho/cm	7/20/2015				X
Depth to Water		9.95	ft	7/20/2015				X
Dissolved Oxygen		1.85	mg/L	7/20/2015				X
Lead		0.0031	mg/L	7/20/2015			SW846-6020	=
Lead, Dissolved	U	0.002	mg/L	7/20/2015			SW846-6020	=
Mercury	J	1E-04	mg/L	7/20/2015			SW846-7470A	=
Mercury, Dissolved	U	0.0002	mg/L	7/20/2015			SW846-7470A	=
pH		5.91	Std Unit	7/20/2015				X
Redox		605	mV	7/20/2015				X
Selenium	U	0.005	mg/L	7/20/2015			SW846-6020	=
Selenium, Dissolved	U	0.005	mg/L	7/20/2015			SW846-6020	=
Technetium-99		26.6	pCi/L	7/20/2015	12.6	12.9	HASL 300, Tc-02-RC M	=
Temperature		65.7	deg F	7/20/2015				X
Trichloroethene		3.97	ug/L	7/20/2015			SW846-8260B	=
Turbidity		63.8	NTU	7/20/2015				X
Uranium		0.0003	mg/L	7/20/2015			SW846-6020	=
Uranium-234	U	2.23	pCi/L	7/20/2015	3.5	3.53	HASL 300, U-02-RC M	=
Uranium-235	U	1.93	pCi/L	7/20/2015	3.74	3.76	HASL 300, U-02-RC M	=
Uranium-238	U	3.22	pCi/L	7/20/2015	3.9	3.96	HASL 300, U-02-RC M	=

Paducah OREIS
GROUNDWATER MONITORING REPORT

Facility: C-404 Landfill **County:** McCracken **Permit #:** KY8-890-008-982

Sampling Point: MW90A REG Downgradient URGA **Period:** Semiannual Report

AKGWA Well Tag #: 8004-0357

Parameter	Qualifier	Result	Units	Date Collected	Counting Error (+/-)	TPU	Method	Validation
Arsenic	U	0.005	mg/L	7/15/2015			SW846-6020	=
Arsenic, Dissolved	U	0.005	mg/L	7/15/2015			SW846-6020	=
Barometric Pressure Reading		29.92	Inches/Hg	7/15/2015				X
Cadmium	U	0.001	mg/L	7/15/2015			SW846-6020	=
Cadmium, Dissolved	U	0.001	mg/L	7/15/2015			SW846-6020	=
Chromium	U	0.01	mg/L	7/15/2015			SW846-6020	=
Chromium, Dissolved	U	0.01	mg/L	7/15/2015			SW846-6020	=
Conductivity		205	umho/cm	7/15/2015				X
Depth to Water		45.94	ft	7/15/2015				X
Dissolved Oxygen		3.56	mg/L	7/15/2015				X
Lead	U	0.002	mg/L	7/15/2015			SW846-6020	=
Lead, Dissolved	U	0.002	mg/L	7/15/2015			SW846-6020	=
Mercury	U	0.0002	mg/L	7/15/2015			SW846-7470A	=
Mercury, Dissolved	U	0.0002	mg/L	7/15/2015			SW846-7470A	=
pH		5.86	Std Unit	7/15/2015				X
Redox		409	mV	7/15/2015				X
Selenium	U	0.005	mg/L	7/15/2015			SW846-6020	=
Selenium, Dissolved	U	0.005	mg/L	7/15/2015			SW846-6020	=
Technetium-99	U	18.1	pCi/L	7/15/2015	13.5	13.6	HASL 300, Tc-02-RC M	=
Temperature		74.3	deg F	7/15/2015				X
Trichloroethene		37.9	ug/L	7/15/2015			SW846-8260B	=
Turbidity		5.7	NTU	7/15/2015				X
Uranium	U	0.0002	mg/L	7/15/2015			SW846-6020	=
Uranium-234	U	0.944	pCi/L	7/15/2015	1.62	1.63	HASL 300, U-02-RC M	=
Uranium-235	U	1.17	pCi/L	7/15/2015	2	2.01	HASL 300, U-02-RC M	=
Uranium-238	U	-0.453	pCi/L	7/15/2015	1.05	1.05	HASL 300, U-02-RC M	=

Paducah OREIS
GROUNDWATER MONITORING REPORT

Facility: C-404 Landfill **County:** McCracken **Permit #:** KY8-890-008-982

Sampling Point: MW91 REG Downgradient UCRS **Period:** Semiannual Report

AKGWA Well Tag #: 8000-5240

Parameter	Qualifier	Result	Units	Date Collected	Counting Error (+/-)	TPU	Method	Validation
Arsenic		0.0068	mg/L	7/20/2015			SW846-6020	=
Arsenic, Dissolved	U	0.005	mg/L	7/20/2015			SW846-6020	=
Barometric Pressure Reading		29.92	Inches/Hg	7/20/2015				X
Cadmium	U	0.001	mg/L	7/20/2015			SW846-6020	=
Cadmium, Dissolved	U	0.001	mg/L	7/20/2015			SW846-6020	=
Chromium		2.99	mg/L	7/20/2015			SW846-6020	=
Chromium, Dissolved		0.0238	mg/L	7/20/2015			SW846-6020	=
Conductivity		556	umho/cm	7/20/2015				X
Depth to Water		10.94	ft	7/20/2015				X
Dissolved Oxygen		1.4	mg/L	7/20/2015				X
Lead		0.009	mg/L	7/20/2015			SW846-6020	=
Lead, Dissolved	U	0.002	mg/L	7/20/2015			SW846-6020	=
Mercury	U	0.0002	mg/L	7/20/2015			SW846-7470A	=
Mercury, Dissolved	U	0.0002	mg/L	7/20/2015			SW846-7470A	=
pH		5.74	Std Unit	7/20/2015				X
Redox		603	mV	7/20/2015				X
Selenium	J	0.0033	mg/L	7/20/2015			SW846-6020	=
Selenium, Dissolved	J	0.0032	mg/L	7/20/2015			SW846-6020	=
Technetium-99		2680	pCi/L	7/20/2015	55.3	303	HASL 300, Tc-02-RC M	=
Temperature		67.9	deg F	7/20/2015				X
Trichloroethene		85.6	ug/L	7/20/2015			SW846-8260B	=
Turbidity		203	NTU	7/20/2015				X
Uranium		0.002	mg/L	7/20/2015			SW846-6020	=
Uranium-234	U	2.13	pCi/L	7/20/2015	4.17	4.2	HASL 300, U-02-RC M	=
Uranium-235	U	0.983	pCi/L	7/20/2015	3.62	3.64	HASL 300, U-02-RC M	=
Uranium-238	U	1.72	pCi/L	7/20/2015	3.59	3.61	HASL 300, U-02-RC M	=

Paducah OREIS
GROUNDWATER MONITORING REPORT

Facility: C-404 Landfill **County:** McCracken **Permit #:** KY8-890-008-982

Sampling Point: MW93 REG Upgradient URGA **Period:** Semiannual Report

AKGWA Well Tag #: 8000-5102

Parameter	Qualifier	Result	Units	Date Collected	Counting Error (+/-)	TPU	Method	Validation
Arsenic		0.0070	mg/L	7/15/2015			SW846-6020	=
Arsenic, Dissolved	J	0.0048	mg/L	7/15/2015			SW846-6020	=
Barometric Pressure Reading		29.94	Inches/Hg	7/15/2015				X
Cadmium	U	0.001	mg/L	7/15/2015			SW846-6020	=
Cadmium, Dissolved	U	0.001	mg/L	7/15/2015			SW846-6020	=
Chromium	J	0.0047	mg/L	7/15/2015			SW846-6020	=
Chromium, Dissolved	U	0.01	mg/L	7/15/2015			SW846-6020	=
Conductivity		370	umho/cm	7/15/2015				X
Depth to Water		48.86	ft	7/15/2015				X
Dissolved Oxygen		1.6	mg/L	7/15/2015				X
Lead	U	0.002	mg/L	7/15/2015			SW846-6020	=
Lead, Dissolved	U	0.002	mg/L	7/15/2015			SW846-6020	=
Mercury	U	0.0002	mg/L	7/15/2015			SW846-7470A	=
Mercury, Dissolved	U	0.0002	mg/L	7/15/2015			SW846-7470A	=
pH		5.91	Std Unit	7/15/2015				X
Redox		379	mV	7/15/2015				X
Selenium	U	0.005	mg/L	7/15/2015			SW846-6020	=
Selenium, Dissolved	U	0.005	mg/L	7/15/2015			SW846-6020	=
Technetium-99	U	3.52	pCi/L	7/15/2015	13.7	13.7	HASL 300, Tc-02-RC M	=
Temperature		66.8	deg F	7/15/2015				X
Trichloroethene		2520	ug/L	7/15/2015			SW846-8260B	=
Turbidity		17.5	NTU	7/15/2015				X
Uranium	U	0.0002	mg/L	7/15/2015			SW846-6020	=
Uranium-234	U	2.11	pCi/L	7/15/2015	2.11	2.14	HASL 300, U-02-RC M	=
Uranium-235	U	-0.119	pCi/L	7/15/2015	1.02	1.03	HASL 300, U-02-RC M	=
Uranium-238	U	1.81	pCi/L	7/15/2015	1.95	1.97	HASL 300, U-02-RC M	=

Paducah OREIS
GROUNDWATER MONITORING REPORT

Facility: C-404 Landfill **County:** McCracken **Permit #:** KY8-890-008-982

Sampling Point: MW94 REG Upgradient UCRS **Period:** Semiannual Report

AKGWA Well Tag #: 8000-5103

Parameter	Qualifier	Result	Units	Date Collected	Counting Error (+/-)	TPU	Method	Validation
Arsenic	U	0.005	mg/L	7/20/2015			SW846-6020	=
Arsenic, Dissolved	U	0.005	mg/L	7/20/2015			SW846-6020	=
Barometric Pressure Reading		29.92	Inches/Hg	7/20/2015				X
Cadmium	U	0.001	mg/L	7/20/2015			SW846-6020	=
Cadmium, Dissolved	U	0.001	mg/L	7/20/2015			SW846-6020	=
Chromium		0.0635	mg/L	7/20/2015			SW846-6020	=
Chromium, Dissolved	J	0.0031	mg/L	7/20/2015			SW846-6020	=
Conductivity		778	umho/cm	7/20/2015				X
Depth to Water		13.02	ft	7/20/2015				X
Dissolved Oxygen		0.75	mg/L	7/20/2015				X
Lead		0.0053	mg/L	7/20/2015			SW846-6020	=
Lead, Dissolved	U	0.002	mg/L	7/20/2015			SW846-6020	=
Mercury	U	0.0002	mg/L	7/20/2015			SW846-7470A	=
Mercury, Dissolved	U	0.0002	mg/L	7/20/2015			SW846-7470A	=
pH		6.08	Std Unit	7/20/2015				X
Redox		583	mV	7/20/2015				X
Selenium	U	0.005	mg/L	7/20/2015			SW846-6020	=
Selenium, Dissolved	J	0.0017	mg/L	7/20/2015			SW846-6020	=
Technetium-99		772	pCi/L	7/20/2015	27.1	89.8	HASL 300, Tc-02-RC M	=
Temperature		66.5	deg F	7/20/2015				X
Trichloroethene		2.71	ug/L	7/20/2015			SW846-8260B	=
Turbidity		114	NTU	7/20/2015				X
Uranium		0.0024	mg/L	7/20/2015			SW846-6020	=
Uranium-234	U	1.03	pCi/L	7/20/2015	2.53	2.54	HASL 300, U-02-RC M	=
Uranium-235	U	-0.218	pCi/L	7/20/2015	1.82	1.83	HASL 300, U-02-RC M	=
Uranium-238	U	0.94	pCi/L	7/20/2015	2.54	2.54	HASL 300, U-02-RC M	=

Paducah OREIS
GROUNDWATER MONITORING REPORT

Facility: C-404 Landfill **County:** McCracken **Permit #:** KY8-890-008-982

Sampling Point: MW420 REG Upgradient URGA **Period:** Semiannual Report

AKGWA Well Tag #: 8005-3263

Parameter	Qualifier	Result	Units	Date Collected	Counting Error (+/-)	TPU	Method	Validation
Arsenic	U	0.005	mg/L	7/15/2015			SW846-6020	=
Arsenic, Dissolved	U	0.005	mg/L	7/15/2015			SW846-6020	=
Barometric Pressure Reading		29.93	Inches/Hg	7/15/2015				X
Cadmium	U	0.001	mg/L	7/15/2015			SW846-6020	=
Cadmium, Dissolved	U	0.001	mg/L	7/15/2015			SW846-6020	=
Chromium	U	0.01	mg/L	7/15/2015			SW846-6020	=
Chromium, Dissolved	U	0.01	mg/L	7/15/2015			SW846-6020	=
Conductivity		308	umho/cm	7/15/2015				X
Depth to Water		48.99	ft	7/15/2015				X
Dissolved Oxygen		1.16	mg/L	7/15/2015				X
Lead	U	0.002	mg/L	7/15/2015			SW846-6020	=
Lead, Dissolved	U	0.002	mg/L	7/15/2015			SW846-6020	=
Mercury	U	0.0002	mg/L	7/15/2015			SW846-7470A	=
Mercury, Dissolved	U	0.0002	mg/L	7/15/2015			SW846-7470A	=
pH		5.9	Std Unit	7/15/2015				X
Redox		386	mV	7/15/2015				X
Selenium	U	0.005	mg/L	7/15/2015			SW846-6020	=
Selenium, Dissolved	U	0.005	mg/L	7/15/2015			SW846-6020	=
Technetium-99	U	5.36	pCi/L	7/15/2015	12.3	12.3	HASL 300, Tc-02-RC M	=
Temperature		69.9	deg F	7/15/2015				X
Trichloroethene		191	ug/L	7/15/2015			SW846-8260B	=
Turbidity		5	NTU	7/15/2015				X
Uranium	U	0.0002	mg/L	7/15/2015			SW846-6020	=
Uranium-234	U	1.63	pCi/L	7/15/2015	1.93	1.94	HASL 300, U-02-RC M	=
Uranium-235	U	0.537	pCi/L	7/15/2015	1.51	1.51	HASL 300, U-02-RC M	=
Uranium-238	U	0.347	pCi/L	7/15/2015	1.56	1.56	HASL 300, U-02-RC M	=

Paducah OREIS
GROUNDWATER MONITORING REPORT

Facility: C-404 Landfill **County:** McCracken **Permit #:** KY8-890-008-982

Type of Sample: FB **Period:** Semiannual Report QC Samples

AKGWA Well Tag #: 0000-0000

Parameter	Qualifier	Result	Units	Date Collected	Counting Error (+/-)	TPU	Method	Validation
Arsenic	U	0.005	mg/L	7/20/2015			SW846-6020	=
Cadmium	U	0.001	mg/L	7/20/2015			SW846-6020	=
Chromium	J	0.0047	mg/L	7/20/2015			SW846-6020	=
Lead	U	0.002	mg/L	7/20/2015			SW846-6020	=
Mercury	U	0.0002	mg/L	7/20/2015			SW846-7470A	=
Selenium	U	0.005	mg/L	7/20/2015			SW846-6020	=
Technetium-99	U	-2.32	pCi/L	7/20/2015	11.7	11.7	HASL 300, Tc-02-RC M	=
Trichloroethene	U	1	ug/L	7/20/2015			SW846-8260B	=
Uranium	U	0.0002	mg/L	7/20/2015			SW846-6020	=
Uranium-234	U	1.37	pCi/L	7/20/2015	3.36	3.38	HASL 300, U-02-RC M	=
Uranium-235	U	3.48	pCi/L	7/20/2015	4.75	4.81	HASL 300, U-02-RC M	=
Uranium-238	U	1.6	pCi/L	7/20/2015	3.35	3.37	HASL 300, U-02-RC M	=

Paducah OREIS
GROUNDWATER MONITORING REPORT

Facility: C-404 Landfill **County:** McCracken **Permit #:** KY8-890-008-982

Type of Sample: RI **Period:** Semiannual Report QC Samples

AKGWA Well Tag #: 0000-0000

Parameter	Qualifier	Result	Units	Date Collected	Counting Error (+/-)	TPU	Method	Validation
Arsenic	U	0.005	mg/L	7/20/2015			SW846-6020	=
Cadmium	U	0.001	mg/L	7/20/2015			SW846-6020	=
Chromium	J	0.005	mg/L	7/20/2015			SW846-6020	U
Lead	U	0.002	mg/L	7/20/2015			SW846-6020	=
Mercury	U	0.0002	mg/L	7/20/2015			SW846-7470A	=
Selenium	U	0.005	mg/L	7/20/2015			SW846-6020	=
Technetium-99	U	3.73	pCi/L	7/20/2015	12.3	12.3	HASL 300, Tc-02-RC M	=
Trichloroethene	U	1	ug/L	7/20/2015			SW846-8260B	=
Uranium	U	0.0002	mg/L	7/20/2015			SW846-6020	=
Uranium-234	U	0.608	pCi/L	7/20/2015	2.67	2.68	HASL 300, U-02-RC M	=
Uranium-235	U	2.21	pCi/L	7/20/2015	4	4.03	HASL 300, U-02-RC M	=
Uranium-238	U	-0.114	pCi/L	7/20/2015	1.89	1.9	HASL 300, U-02-RC M	=

Paducah OREIS
GROUNDWATER MONITORING REPORT

Facility: C-404 Landfill **County:** McCracken **Permit #:** KY8-890-008-982

Type of Sample: TB **Period:** Semiannual Report QC Samples

AKGWA Well Tag #: 0000-0000

Parameter	Qualifier	Result	Units	Date Collected	Counting Error (+/-)	TPU	Method	Validation
Trichloroethene	U	1	ug/L	7/15/2015			SW846-8260B	=
	U	1	ug/L	7/20/2015			SW846-8260B	=

MEDIA Codes

WG Groundwater

QUALIFIER Codes

U Analyte analyzed for, but not detected at or below the lowest concentration reported.
J Estimated quantitation.

SAMPLE METHOD Codes

GR Grab

SAMPLING POINT Codes

UCRS Upper Continental Recharge System
URGA Upper Regional Gravel Aquifer

SAMPLE TYPE Codes

FB Field Blank
FR Field Replicate (Code used for Field Duplicate)
REG Regular
RI QC Equipment Rinseate/Decon
TB Trip Blank

VALIDATION Code

= Validated result, no qualifier is necessary.
J The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.
U The analyte was analyzed for, but was not detected above the reported sample quantitation limit.
X Not validated.

APPENDIX B

C-404 HAZARDOUS WASTE LANDFILL STATISTICAL ANALYSES

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GROUNDWATER STATISTICAL SUMMARY

Introduction

The statistical analyses conducted on the data collected from C-404 Hazardous Waste Landfill (C-404 Landfill) were performed in accordance with procedures provided in Appendix E of the C-404 Hazardous Waste Management Permit, reissued by the Kentucky Division of Waste Management (KDWM) in July 2015. The percent of censored (nondetected) data points for individual parameters was calculated for the combined analytical data from the most recent five sampling events. The percent of censored data was used to select the types of statistical analyses to determine whether compliance well concentrations differed from background well concentrations. For this report, the reporting period data set includes data from August 2013, January 2014, July 2014, January 2015, and July 2015.

Statistical Analysis Process

Utilizing the current data set and four previous data sets, the type of statistical test conducted for each chemical data set is a function of the number of samples and proportion of censored data (nondetects) to uncensored data (detects) in each group. The percent of censored (nondetected) data points for individual parameters was calculated for the combined analytical data. The statistical procedures applied to the data are summarized below.

- Determine the percentage of the censored data using the reporting period data set.
- Group by percentage of censored data where the following apply:
  - — If censored data are greater than or equal to 90%, determine the limit of detection (LOD) and half of the LOD (1/2 LOD). This is Statistical Test 1.
  - — If censored data are between 50% and 90%, perform a Test of Proportions. If the analysis indicates a significant proportional difference in compliance wells, further analyze through nonparametric Analysis of Variance (ANOVA) Test. This is Statistical Test 2.
  - — If censored data are between 15% and 50%, perform nonparametric ANOVA Test. If results exceed the critical value, compute the critical difference used to identify individual well concentrations, which are significantly elevated compared with background. This is Statistical Test 3.
  - — If censored data are less than 15%, actual data values are analyzed using parametric ANOVA procedures. If the wells exhibit equal variances, then the data are used as presented. If the wells do not exhibit equal variances, then the log of the data is taken and then used in the calculations. Where statistical testing indicates elevated compliance well concentrations, Bonferroni's Test of Contrasts is performed. This is Statistical Test 4. If variances are found to be unequal even for log-transformed concentrations, Statistical Test 4 is abandoned and Statistical Test 3 is used to compare compliance wells with background wells. Statistical Test 4 is found in Section 5.2.1 of EPA

guidance document, *Statistical Analysis of Ground-Water Monitoring Data at RCRA Facilities, Interim Final Guidance* (April 1989).

If the statistical method above indicates no statistical difference between concentrations in downgradient wells and concentrations in background wells, then there are no indications of statistically significant impacts on the groundwater from the C-404 Landfill. If the tiered statistical method above identifies a statistically significant difference between concentrations in downgradient wells and concentrations in background wells, then the data will be evaluated further to determine if the concentrations in downgradient wells are within statistically developed upper tolerance limit (UTL) for background concentrations or are consistent with the findings of the 2007 Alternate Source Demonstration (ASD), as follows:

(1) Compare the most recent downgradient sample results to a 95% UTL using the five most recent sets of data for each upgradient well as described below. If downgradient concentrations are lower than the UTL for the paired upgradient concentrations, then there is no confirmed exceedance.

(2) Evaluate results using paired ANOVA of wells in the same direction relative to the landfill (e.g., compare upgradient westernmost well results to downgradient westernmost well results). If ANOVA does not identify a statistically significant difference between upgradient and downgradient wells, then the results are consistent with the historical ASD.

(3) If results show downgradient wells have statistically significant higher concentrations than upgradient wells, even when evaluated with respect to the ASD, additional intra-well evaluation of trend will be performed using the Mann-Kendall test for trend. If concentrations do not show an increasing trend, then there is no confirmed exceedance attributable to C-404.

(4) Review other RGA well results in vicinity to determine if they are consistent with ASD.

If the statistical analysis identifies downgradient well concentrations that are increasing, are higher than UTL, are higher than the upgradient well concentrations even when the ASD results are taken into account, this evaluation will identify a confirmed, statistically significant exceedance (in a compliance well) over background.

Data Analysis

Data from the upgradient background wells in the Upper Regional Gravel Aquifer (URGA) are included for comparison with three downgradient URGA wells. Figure 1 of this C-404 Landfill Groundwater Report provides a map of the well locations associated with the C-404 Landfill. Upper Continental Recharge System (UCRS) wells in Figure 1 are provided for reference only. Data from wells that are in the UCRS are not included in the statistical analyses.

Table B.1 presents the C-404 Landfill upgradient or background wells and downgradient or compliance wells from the URGA. Data from the URGA compliance wells were compared with data from the URGA background wells.

Table B.1. Monitoring Well Locations

URGA	
Upgradient background wells	MW93, MW420
Downgradient compliance wells	MW84, MW87, MW90A*

*MW90 was abandoned in 2001 and replaced with MW90A.

For this report, the reporting period data set from August 2013 through July 2015 consists of five sets of data.

Table B.2 lists the number of analyses (observations), nondetects (censored observations), detects (uncensored observations), and missing observations by parameter. When field duplicate data are available from a well, the higher of the two readings was retained for further evaluation.

Censoring Percentage and Statistical Analysis

The type of statistical test set applied to the data is a function of the number of nondetects (censored) versus detects (uncensored) in each of the parameter groups and among the wells. Table B.3 presents the percentage of censored and uncensored data and type of statistical test chosen for each of the parameters.

Table B.2. Summary of Missing, Censored, and Uncensored Data Collected

Parameters	Observations	Missing Observations*	Censored Observations	Uncensored Observations
URGA				
Arsenic	25	0	9	16
Arsenic, Dissolved	25	0	14	11
Cadmium	25	0	22	3
Cadmium, Dissolved	25	0	25	0
Chromium	25	0	11	14
Chromium, Dissolved	25	0	21	4
Lead	25	0	20	5
Lead, Dissolved	25	0	25	0
Mercury	25	0	25	0
Mercury, Dissolved	25	0	25	0
Selenium	25	0	21	4
Selenium, Dissolved	25	0	25	0
Technetium-99	25	0	22	3
Trichloroethene	25	0	0	25
Uranium (Metals)	25	0	17	8
Uranium-234	25	0	25	0
Uranium-235	25	0	25	0
Uranium-238	25	0	24	1

*Missing parameters that were dissolved metals were not analyzed when the parent total metals were not detected in prior sampling events.

Table B.3. Percent Censored Report and Statistical Test Set Selected

Parameter	Total Samples (Nonmissing)	Uncensored	Censored	Percent Censored	Statistical Test Set
URGA					
Arsenic	25	16	9	36.00	3
Arsenic, Dissolved	25	11	14	56.00	2
Cadmium	25	3	22	88.00	2
Cadmium, Dissolved	25	0	25	100.00	1
Chromium	25	14	11	44.00	3
Chromium, Dissolved	25	4	21	84.00	2
Lead	25	5	20	80.00	2
Lead, Dissolved	25	0	25	100.00	1
Mercury	25	0	25	100.00	1
Mercury, Dissolved	25	0	25	100.00	1
Selenium	25	4	21	84.00	2
Selenium, Dissolved	25	0	25	100.00	1
Technetium-99	25	3	22	88.00	2
Trichloroethene	25	25	0	0.00	4/3*
Uranium (Metals)	25	8	17	68.00	2
Uranium-234	25	0	25	100.00	1
Uranium-235	25	0	25	100.00	1
Uranium-238	25	1	24	96.00	1

A list of the constituents with greater than or equal to 90% censored data is included in Table B.4, which summarizes the results of Statistical Test 1.
*Because equality of variance could not be confirmed, Statistical Test 4 was abandoned and Statistical Test 3, Nonparametric ANOVA, was performed.

SUMMARY OF CONCLUSIONS

The results for Statistical Test 1, LOD, are summarized in Table B.4. Table B.5 provides the summary of conclusions for the statistical analyses for the C-404 Landfill, including the statistical tests performed, the attachment number, well type, parameter, and results of each statistical test. Results of Statistical Test 2, Statistical Test 3, and Statistical Test 4 are presented in Attachments 1 through 10.

In summary, Statistical Test 2, Test of Proportions, for dissolved arsenic, cadmium, lead, selenium, technetium-99, and uranium, as well as Statistical Test 3, Nonparametric ANOVA, for total arsenic in the URGA indicated no statistical evidence of releases of these contaminants from the C-404 Landfill.

Statistical Test 3, Nonparametric ANOVA, for chromium in the URGA identified a statistically significant difference between concentrations in downgradient wells and concentrations in background wells; therefore, the data was evaluated further by comparing results to the UTL. The comparison indicated there was no statistical evidence of a release from the C-404 Landfill.

Statistical Test 4, Parametric ANOVA, could not be used for trichloroethene in the URGA because there was no evidence of equality of variance. Thus, Statistical Test 4 was abandoned and Statistical Test 3, Non-parametric ANOVA, was performed. Statistical Test 3 showed there was no statistical evidence of releases of trichloroethene from the C-404 Landfill.

Table B.4. Statistical Test 1: Limit of Detection

Parameter	LOD Values	½ LOD Values
URGA		
Mercury (mg/L)	0.0002	0.0001
Cadmium, Dissolved (mg/L)	0.001	0.0005
Lead, Dissolved (mg/L)	0.002	0.001
Mercury, Dissolved (mg/L)	0.0002	0.0001
Selenium, Dissolved (mg/L)	0.005	0.0025
Uranium-234 (pCi/L)	2.88	1.44
Uranium-235 (pCi/L)	2.54	1.27
Uranium-238 (pCi/L)	3.11	1.555

Table B.5. Summary of Conclusions from the Statistical Analyses for the C-404 Hazardous Waste Landfill for the July 2015 Data Set

Attachment	RGA Well Type	Parameter	Applied Statistical Test	Results
B1	URGA	Arsenic	Statistical Test 3, Nonparametric ANOVA	No statistical evidence of releases from the C-404 Landfill in compliance wells.
B2	URGA	Arsenic, Dissolved	Statistical Test 2, Test of Proportions	No statistical evidence of releases from the C-404 Landfill in compliance wells.
B3	URGA	Cadmium	Statistical Test 2, Test of Proportions	No statistical evidence of releases from the C-404 Landfill in compliance wells.
B4	URGA	Chromium	Statistical Test 3, Nonparametric ANOVA/95% UTL	Because Nonparametric ANOVA indicated a statistical evidence of a release from the C-404 Landfill in compliance well MW84, comparison to the 95% UTL was performed, as required by the Hazardous Waste Facility Permit. Results of the comparison showed no statistical evidence of releases from the C-404 Landfill in compliance wells.
B5	URGA	Chromium Dissolved	Statistical Test 2, Test of Proportions	No statistical evidence of releases from the C-404 Landfill in compliance wells.
B6	URGA	Lead	Statistical Test 2, Test of Proportions	No statistical evidence of releases from the C-404 Landfill in compliance wells.
B7	URGA	Selenium	Statistical Test 2, Test of Proportions	No statistical evidence of releases from the C-404 Landfill in compliance wells.
B8	URGA	Technetium-99	Statistical Test 2 Test of Proportions	No statistical evidence of releases from the C-404 Landfill in compliance wells.
B9	URGA	Trichloroethene	Statistical Test 4 Parametric ANOVA/ Statistical Test 3, Nonparametric ANOVA	Because equality of variance could not be confirmed, Statistical Test 4 was abandoned and Statistical Test 3, Non-parametric ANOVA, was performed. No statistical evidence of releases from the C-404 Landfill in compliance wells.
B10	URGA	Uranium	Statistical Test 2 Test of Proportions	No statistical evidence of releases from the C-404 Landfill in compliance wells.

ATTACHMENT B1

ARSENIC (TOTAL)
STATISTICAL TEST 3

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Attachment B1: Statistical Test 3, Nonparametric ANOVA, July 2015 Arsenic (Total) URGA

Arsenic (Total) (mg/L)					
Date	Background	Background	Compliance	Compliance	Compliance
	MW93	MW420	MW84	MW87	MW90A
Aug-13	**0.00472**	0.0005	**0.00441**	**0.0015**	0.0005
Jan-14	**0.00656**	**0.0011**	**0.00514**	**0.00218**	0.0005
Jul-14	**0.0058**	0.0025	**0.00511**	**0.00302**	0.0025
Jan-15	**0.00185**	0.0025	**0.0073**	**0.00174**	0.0025
Jul-15	**0.00702**	0.0025	**0.00922**	**0.00447**	0.0025
Sum	0.0350		0.03118	0.01291	0.0085
n_i	10		5	5	5
$(x_i)_{avg}$	0.00350		0.00624	0.00258	0.0017

mg/L = milligrams per liter
BG=background
DL=detection limit
All data sets represent 1/2 DL values for nondetects.
Bolded values indicate a detected result.

Overall mean x.. = 0.00350

N = 25
p = 4
x..= 0.09

Statistical Test 3, Non-parametric ANOVA

Ranking of Observations

Sequence	Arsenic (mg/L)	Adjusted Rank	Tie Number
1	0.0005	2	Tie 1
2	0.0005	2	
3	0.0005	2	
4	**0.0011**	4	
5	**0.0015**	5	
6	**0.00174**	6	
7	**0.00185**	7	
8	**0.00218**	8	
9	0.0025	11.5	Tie 2
10	0.0025	11.5	
11	0.0025	11.5	
12	0.0025	11.5	
13	0.0025	11.5	
14	0.0025	11.5	
15	**0.00302**	15	
16	**0.00441**	16	
17	**0.00447**	17	
18	**0.00472**	18	
19	**0.00511**	19	
20	**0.00514**	20	
21	**0.0058**	21	
22	**0.00656**	22	
23	**0.00702**	23	
24	**0.0073**	24	
25	**0.00922**	25	

mg/L = milligrams per liter
BG=background
DL=detection limit
All data sets represent 1/2 DL values for nondetects.
Bolded values indicate a detected result.

n_{tie}	Adjustment for Ties: $(n_{tie}^3 - n_{tie})$
3	Tie 1 = 24
6	Tie 2= 210
	$\sum T_i$ = 234

Attachment B1: Statistical Test 3, Nonparametric ANOVA, July 2015 Arsenic (Total) URGA

Sums of Ranks and Averages

Arsenic (mg/L)					
Date	Background	Background	Compliance	Compliance	Compliance
	MW93	MW420	MW84	MW87	MW90A
Aug-13	**0.00472**	0.0005	**0.00441**	**0.0015**	0.0005
Jan-14	**0.00656**	**0.0011**	**0.00514**	**0.00218**	0.0005
Jul-14	**0.0058**	0.0025	**0.00511**	**0.00302**	0.0025
Jan-15	**0.00185**	0.0025	**0.0073**	**0.00174**	0.0025
Jul-15	**0.00702**	0.0025	**0.00922**	**0.00447**	0.0025

Observation Ranks for Arsenic					
Date	Background	Background	Compliance	Compliance	Compliance
	MW93	MW420	MW84	MW87	MW90A
Aug-13	18	2	16	5	2
Jan-14	22	4	20	8	2
Jul-14	21	11.5	19	15	11.5
Jan-15	7	11.5	24	6	11.5
Jul-15	23	11.5	25	17	11.5
R_i	131.5		104	51	38.5
$(R_i)_{avg}$	13.2		20.8	10.2	7.7
R_i^2/n_i	1729.2		2163.2	520.2	296.5

$\Sigma R_i^2/n_i$ = 4709.1

K= 4

N= 25

mg/L = milligrams per liter
BG=background
DL=detection limit
All data sets represent 1/2 DL values for nondetects.
Bolded values indicate a detected result.

Calculation of Kruskal-Wallis Statistic

H = 8.937 Kruskal-Wallis Statistic $H = [12/N(N+1)*\Sigma R_i^2/n_i] - 3(N+1)$

H' = 9.073 Corrected Kruskal-Wallis $H' = H/[1-(\sum T_i/N^3-N)]$

χ^2_{crit}* = 7.815 3 degrees of freedom at the 5% significance level

NOTE: $H' > \chi^2_{crit}$

If $H' \leq \chi^2_{crit}$, the data from each well come from the same continuous distribution and hence have the same median concentrations of a specific constituent.

If $H' > \chi^2_{crit}$, reject the null hypothesis and calculate the critical difference for well comparisons to the background.

K-1= 3 α/(K-1)= 0.01667 Z(α/(K-1))** = 2.1280

α = 0.05 1-(α/K-1)= 0.983

NOTE * Table 1, Appendix B, *Statistical Analysis of Ground-Water Monitoring Data at RCRA Facilities, Interim Guidance* , USEPA, 1989.
**Table 4, Appendix B, *Statistical Analysis of Ground-Water Monitoring Data at RCRA Facilities, Interim Guidance* , USEPA, 1989.

Attachment B1: Statistical Test 3, Nonparametric ANOVA, July 2015 Arsenic (Total) URGA

Calculate Critical Values

Average Background Ranking = 13.150

	Well No.	C_i	$(R_i)_{avg} - (R_b)_{avg}$	Conclusion
BG Well	MW93			
BG Well	MW420			
	MW84	8.578	7.65	not contaminated
	MW87	8.578	-2.95	not contaminated
	MW90A	8.578	-5.45	not contaminated

mg/L = milligrams per liter
BG=background
DL=detection limit
All data sets represent 1/2 DL values for nondetects.
Bolded values indicate a detected result.

If $(R_i)_{avg} - (R_b)_{avg} > C_i$, then there is evidence that the compliance well is contaminated.

CONCLUSION: Since $(R_i)_{avg} - (R_b)_{avg} < C_i$ for all wells, MW84, MW87 and MW90A, there is no statistical evidence of releases from C-404 in these downgradient compliance test wells.

Section 5.2.2, *Statistical Analysis of Ground-Water Monitoring Data at RCRA Facilities, Interim Guidance* , USEPA, 1989

ATTACHMENT B2

ARSENIC (DISSOLVED)
STATISTICAL TEST 2

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Attachment B2: Statistical Test 2, Test of Proportions, July 2015 Arsenic, Dissolved URGA

Arsenic, Dissolved (mg/L)					
Date	Background	Background	Compliance	Compliance	Compliance
	MW93	MW420	MW84	MW87	MW90A
Aug-13	**0.00422**	0.0005	**0.00391**	**0.0016**	0.0005
Jan-14	**0.00536**	0.0005	**0.00412**	**0.00181**	0.0005
Jul-14	0.0025	0.0025	0.0025	0.0025	0.0025
Jan-15	**0.0035**	0.0025	**0.00245**	0.0025	0.0025
Jul-15	**0.00478**	0.0025	**0.00544**	**0.00273**	0.0025

mg/L = milligrams per liter
BG=background
DL=detection limit
All data sets represent 1/2 DL values for nondetects.
Bolded values indicate a detected result.

[!] **Test of Proportions**

Calculate the number of detections in background wells vs. compliance wells.

X=	4	X=number of samples above DL in background wells
Y=	7	Y=number of samples above DL in compliance wells
n_b=	10	n_b=count of background well results/samples analyzed
n_c=	15	n_c=count of compliance well results/samples analyzed
n=	25	n=total number of samples

P =	0.440	P=(x+y)/n
nP =	11	$n=n_b+n_c$
n(1-P) =	14	

NOTE: If nP and n(1-P) are both >= 5, then the normal approximation may be used.

P_b =	0.400	P_b =proportion of detects in background wells
P_c =	0.467	P_c =proportion of detects in compliance wells
S_D =	0.203	S_D=standard error of difference in proportions
Z =	-0.329	$Z = (P_b-P_c)/S_D$
absolute value of Z =	0.329	

If the absolute value of Z exceeds the 97.5th percentile value of 1.96 from the standard normal distribution, this provides statistically significant evidence at the 5% significance level that the proportion of detects in one group of data exceeds the proportion of detects in the other group.

CONCLUSION: Because the absolute value of Z is less than 1.96, there is no statistical evidence that the proportion of samples with detected results differs between the background well and compliance well samples.

[!] Section 8.1.2, *Statistical Analysis of Ground-Water Monitoring Data at RCRA Facilities, Interim Final Guidance* (EPA, 1989)

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ATTACHMENT B3

CADMIUM
STATISTICAL TEST 2

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Attachment B3: Statistical Test 2, Test of Proportions, July 2015 Cadmium URGA

Cadmium (mg/L)					
Date	Background	Background	Compliance	Compliance	Compliance
	MW93	MW420	MW84	MW87	MW90A
Aug-13	0.0005	0.0005	0.0005	0.0005	0.0005
Jan-14	0.0005	0.0005	0.0005	0.0005	0.0005
Jul-14	0.0005	0.0005	0.0005	0.0005	0.0005
Jan-15	0.0005	0.0005	**0.00018**	**0.00014**	0.0005
Jul-15	0.0005	0.0005	**0.00012**	0.0005	0.0005

mg/L = milligrams per liter
BG=background
DL=detection limit
All data sets represent 1/2 DL values for nondetects.
Bolded values indicate a detected result.

[!] **Test of Proportions**

Calculate the number of detections in background wells vs. compliance wells.

X=	0	X=number of samples above DL in background wells
Y=	3	Y=number of samples above DL in compliance wells
n_b=	10	n_b=count of background well results/samples analyzed
n_c=	15	n_c=count of compliance well results/samples analyzed
n=	25	n=total number of samples

P =	0.120	P=(x+y)/n
nP =	3	$n=n_b+n_c$
n(1-P) =	22	

NOTE: If nP and n(1-P) are both >= 5, then the normal approximation may be used.

P_b =	0.000	P_b =proportion of detects in background wells
P_c =	0.200	P_c =proportion of detects in compliance wells
S_D =	0.133	S_D=standard error of difference in proportions
Z =	-1.508	$Z = (P_b-P_c)/S_D$
absolute value of Z =	1.508	

If the absolute value of Z exceeds the 97.5th percentile value of 1.96 from the standard normal distribution, this provides statistically significant evidence at the 5% significance level that the proportion of detects in one group of data exceeds the proportion of detects in the other group.

CONCLUSION: Because the absolute value of Z is less than 1.96, there is no statistical evidence that the proportion of samples with detected results differs between the background well and compliance well samples.

[!] Section 8.1.2, *Statistical Analysis of Ground-Water Monitoring Data at RCRA Facilities, Interim Final Guidance* (EPA, 1989)

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ATTACHMENT B4

CHROMIUM
STATISTICAL TEST 3

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Attachment B4: Statistical Test 3, Nonparametric ANOVA, July 2015 Chromium (Total) URGA

Chromium (mg/L)					
Date	Background	Background	Compliance	Compliance	Compliance
	MW93	MW420	MW84	MW87	MW90A
Aug-13	**0.0288**	0.005	**0.0639**	**0.0691**	0.005
Jan-14	0.005	0.005	**0.0921**	0.005	0.005
Jul-14	**0.011**	0.005	**0.331**	**0.00903**	**0.00227**
Jan-15	**0.0273**	0.005	**0.442**	**0.031**	0.005
Jul-15	**0.00473**	0.005	**0.0347**	**0.00809**	0.005
Sum	0.1018		0.96370	0.12222	0.0223
n_i	10		5	5	5
$(x_i)_{avg}$	0.01018		0.19274	0.02444	0.0045

mg/L = milligrams per liter
BG=background
DL=detection limit
All data sets represent 1/2 DL values for nondetects.
Bolded values indicate a detected result.

Overall mean x.. = 0.04840

N = 25
p = 4
x..= 1.21

Statistical Test 3, Non-parametric ANOVA

Ranking of Observations

Sequence	Chromium (mg/L)	Adjusted Rank	Tie Number
1	**0.00227**	1	
2	**0.00473**	2	
3	0.005	8	
4	0.005	8	
5	0.005	8	
6	0.005	8	
7	0.005	8	
8	0.005	8	Tie 1
9	0.005	8	
10	0.005	8	
11	0.005	8	
12	0.005	8	
13	0.005	8	
14	**0.00809**	14	
15	**0.00903**	15	
16	**0.011**	16	
17	**0.0273**	17	
18	**0.0288**	18	
19	**0.031**	19	
20	**0.0347**	20	
21	**0.0639**	21	
22	**0.0691**	22	
23	**0.0921**	23	
24	**0.331**	24	
25	**0.442**	25	

mg/L = milligrams per liter
BG=background
DL=detection limit
All data sets represent 1/2 DL values for nondetects.
Bolded values indicate a detected result.

n_{tie}	Adjustment for Ties: $(n_{tie}^3 - n_{tie})$	
11	Tie 1 =	1320
	$\sum T_i$ =	1320

Attachment B4: Statistical Test 3, Nonparametric ANOVA, July 2015 Chromium (Total) URGA

Sums of Ranks and Averages

Chromium (mg/L)					
Date	Background	Background	Compliance	Compliance	Compliance
	MW93	MW420	MW84	MW87	MW90A
Aug-13	**0.0288**	0.005	**0.0639**	**0.0691**	0.005
Jan-14	0.005	0.005	**0.0921**	0.005	0.005
Jul-14	**0.011**	0.005	**0.331**	**0.00903**	**0.00227**
Jan-15	**0.0273**	0.005	**0.442**	**0.031**	0.005
Jul-15	**0.00473**	0.005	**0.0347**	**0.00809**	0.005

Observation Ranks for Chromium					
Date	Background	Background	Compliance	Compliance	Compliance
	MW93	MW420	MW84	MW87	MW90A
Aug-13	18	8	21	22	8
Jan-14	8	8	23	8	8
Jul-14	16	8	24	15	1
Jan-15	17	8	25	19	8
Jul-15	2	8	20	14	8
R_i	101		113	78	33
$(R_i)_{avg}$	10.1		22.6	15.6	6.6
R_i^2/n_i	1020.1		2553.8	1216.8	217.8

$\Sigma R_i^2/n_i$ = 5008.5

mg/L = milligrams per liter
BG=background
DL=detection limit
All data sets represent 1/2 DL values for nondetects.
Bolded values indicate a detected result.

K= 4
N= 25

Calculation of Kruskal-Wallis Statistic

H = 14.465 Kruskal-Wallis Statistic $H = [12/N(N+1)*\Sigma R_i^2/n_i] - 3(N+1)$

H' = 15.802 Corrected Kruskal-Wallis $H' = H/[1-(\sum T_i/N^3-N)]$

χ^2_{crit}* = 7.815 3 degrees of freedom at the 5% significance level

NOTE: $H' > \chi^2_{crit}$

If $H' \leq \chi^2_{crit}$, the data from each well come from the same continuous distribution and hence have the same median concentrations of a specific constituent.

If $H' > \chi^2_{crit}$, reject the null hypothesis and calculate the critical difference for well comparisons to the background.

K-1= 3 α/(K-1)= 0.01667 Z(α/(K-1))** = 2.1280

α = 0.05 1-(α/K-1)= 0.983

NOTE * Table 1, Appendix B, *Statistical Analysis of Ground-Water Monitoring Data at RCRA Facilities, Interim Guidance* , USEPA, 1989.
**Table 4, Appendix B, *Statistical Analysis of Ground-Water Monitoring Data at RCRA Facilities, Interim Guidance* , USEPA, 1989.

Calculate Critical Values

Average Background Ranking = 10.100

	Well No.	C_i	$(R_i)_{avg}$ - $(R_b)_{avg}$	Conclusion
BG Well	MW93			
BG Well	MW420			
	MW84	8.578	12.50	evidence of contamination
	MW87	8.578	5.50	not contaminated
	MW90A	8.578	-3.50	not contaminated

mg/L = milligrams per liter
BG=background
DL=detection limit
All data sets represent 1/2 DL values for nondetects.
Bolded values indicate a detected result.

CONCLUSION: If $(R_i)_{avg}$ - $(R_b)_{avg}$ > C_i, then there is evidence that the compliance well is contaminated.

If $(R_i)_{avg}$ - $(R_b)_{avg}$ < C_i for wells, MW87 and MW90A, there is no statistical evidence of releases from C-404 in these downgradient compliance test wells.

Since $(R_i)_{avg}$ - $(R_b)_{avg}$ > C_i for MW84, there is statistical evidence of releases from C-404 in MW84.

Because nonparametric ANOVA indicated statistical evidence of a release from the C-404 Landfill in compliance well MW84, the 95% UTL was performed.

Section 5.2.2, *Statistical Analysis of Ground-Water Monitoring Data at RCRA Facilities, Interim Guidance* , USEPA, 1989

C-404 Landfill - URGA - Chromium (Upper Tolerance Interval Test)

July 2015 Data, Second Reporting Period

Observations (mg/L)

Well No.							
MW93	**0.2240**	**0.0288**	**0.01**	**0.0110**	**0.03**		**Upgradient Well (data from previous 5 sampling events)**
MW420	**0.01**	**0.01**	**0.01**	**0.01**	**0.01**		**Upgradient Well (data from previous 5 sampling events)**
MW84	X: Mean Value =			0.0			**0.0347**
MW87	S: Standard Deviation =			0.1			**0.00809**
MW90A	K* factor =		2.911	(for n = 10)			0.01
	CV = S/X	**1.9**	**> 1****				
	Upper Tolerance Interval: TL = X +(KxS) =				**0.2**	**(mg/L)**	

* : K factor (From Table 5, Appendix B of Statistical Analysis of Ground-Water Monitoring Data at RCRA Facilities, Interim Guidance, USEPA, 1989)

**** : Redo the analysis using log-transformed data (both Upgradient and Downgradient Data)**

Compare the most recent downgrdient sample results to a 90% UTL for calculated using the five most recent sets of data for each upgradient well as described below. If downgradient concentration are less than the UTL for the paired upgradient concentrations, then there is no confirmed exceedance.

C-404 Landfill - URGA - Chromium (Upper Tolerance Interval Test)

July 2015 Data, Second Reporting Period

Observations (mg/L)

Well No.							
MW93	**0.2240**	**0.0288**	**0.01**	**0.0110**	**0.03**		**Upgradient Well (data from previous 5 sampling events)**
MW420	**0.01**	**0.01**	**0.01**	**0.01**	**0.01**		**Upgradient Well (data from previous 5 sampling events)**
	LOG TRANSFORMED DATA						
MW93	**-1.4961**	**-3.5474**	**-4.6052**	**-4.5099**	**-3.6009**		**Log transformed data from previous 5 sampling events)**
MW420	**-4.6052**	**-4.6052**	**-4.6052**	**-4.6052**	**-4.6052**		**Log transformed data from previous 5 sampling events)**

				Log Data
MW84	X: Mean Value =	-4.1	0.0347	-3.4
MW87	S: Standard Deviation =	1.0	0.00809	-4.8
MW90A	K* factor =	2.911 (for n = 10)	0.01	-4.6
	CV = S/X	**-0.2** £1, assume normal distribution		
	Upper Tolerance Interval: TL = X +(KxS) =	**-1.2**	**(mg/L)**	

* : K factor (From Table 5, Appendix B of Statistical Analysis of Ground-Water Monitoring Data at RCRA Facilities, Interim Guidance, USEPA, 1989)

Result: **None of the Test Wells had exceeded the Upper Tolerance level, which is statistically significant evidence that these wells have no elevated concentration with respect to background data.**

Compare the most recent downgrdient sample results to a 95 % UTL for calculated using the five most recent sets of data for each upgradient well.
If downgradient concentration are less than the UTL for the paired upgradient concentrations, then there is no confirmed exceedance.

ATTACHMENT B5

CHROMIUM, DISSOLVED
STATISTICAL TEST 2

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Attachment B5: Statistical Test 2, Test of Proportions, July 2015 Chromium, Dissolved URGA

Chromium, Dissolved (mg/L)					
Date	Background	Background	Compliance	Compliance	Compliance
	MW93	MW420	MW84	MW87	MW90A
Aug-13	0.0005	0.0005	0.0005	0.0005	0.0005
Jan-14	0.0005	0.0005	0.0005	0.0005	0.0005
Jul-14	0.0005	0.0005	**0.00228**	**0.00205**	**0.00231**
Jan-15	0.0005	0.0005	**0.00405**	0.0005	0.0005
Jul-15	0.0005	0.0005	0.0005	0.0005	0.0005

mg/L = milligrams per liter
BG=background
DL=detection limit
All data sets represent 1/2 DL values for nondetects.
Bolded values indicate a detected result.

[!] **Test of Proportions**

Calculate the number of detections in background wells vs. compliance wells.

X=	0	X=number of samples above DL in background wells
Y=	4	Y=number of samples above DL in compliance wells
n_b=	10	n_b=count of background well results/samples analyzed
n_c=	15	n_c=count of compliance well results/samples analyzed
n=	25	n=total number of samples

P =	0.160	P=(x+y)/n
nP =	4	$n=n_b+n_c$
n(1-P) =	21	

NOTE: If nP and n(1-P) are both >= 5, then the normal approximation may be used.

P_b =	0.000	P_b =proportion of detects in background wells
P_c =	0.267	P_c =proportion of detects in compliance wells
S_D =	0.150	S_D=standard error of difference in proportions
Z =	-1.782	$Z = (P_b-P_c)/S_D$
absolute value of Z =	1.782	

If the absolute value of Z exceeds the 97.5th percentile value of 1.96 from the standard normal distribution, this provides statistically significant evidence at the 5% significance level that the proportion of detects in one group of data exceeds the proportion of detects in the other group.

CONCLUSION: Because the absolute value of Z is less than 1.96, there is no statistical evidence that the proportion of samples with detected results differs between the background well and compliance well samples.

[!] Section 8.1.2, *Statistical Analysis of Ground-Water Monitoring Data at RCRA Facilities, Interim Final Guidance* (EPA, 1989)

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ATTACHMENT B6

LEAD
STATISTICAL TEST 2

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Attachment B6: Statistical Test 2, Test of Proportions, July 2015 Lead URGA

Lead (mg/L)					
Date	Background	Background	Compliance	Compliance	Compliance
	MW93	MW420	MW84	MW87	MW90A
Aug-13	0.00065	0.00065	0.00065	0.00065	0.00065
Jan-14	0.00065	0.00065	0.00065	0.00065	0.00065
Jul-14	**0.00066**	0.001	0.001	0.001	0.001
Jan-15	**0.0024**	0.001	**0.00189**	**0.0009**	0.001
Jul-15	0.001	0.001	**0.00088**	0.001	0.001

mg/L = milligrams per liter
BG=background
DL=detection limit
Nondetect values are 1/2 DL.
Bolded values indicate a detected result.

[!] **Test of Proportions**

Calculate the number of detections in background wells vs. compliance wells.

X=	2	X=number of samples above DL in background wells
Y=	3	Y=number of samples above DL in compliance wells
n_b=	10	n_b=count of background well results/samples analyzed
n_c=	15	n_c=count of compliance well results/samples analyzed
n=	25	n=total number of samples

P =	0.200	P=(x+y)/n
nP =	5	$n=n_b+n_c$
n(1-P) =	20	

NOTE: If nP and n(1-P) are both >= 5, then the normal approximation may be used.

P_b =	0.200	P_b =proportion of detects in background wells
P_c =	0.200	P_c =proportion of detects in compliance wells
S_D =	0.163	S_D=standard error of difference in proportions
Z =	0.000	$Z = (P_b-P_c)/S_D$
absolute value of Z =	0.000	

If the absolute value of Z exceeds the 97.5th percentile value of 1.96 from the standard normal distribution, this provides statistically significant evidence at the 5% significance level that the proportion of detects in one group of data exceeds the proportion of detects in the other group.

CONCLUSION: Because the absolute value of Z is less than 1.96, there is no statistical evidence that the proportion of samples with detected results differs between the background well and compliance well samples.

[!] Section 8.1.2, *Statistical Analysis of Ground-Water Monitoring Data at RCRA Facilities, Interim Final Guidance* (EPA, 1989)

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ATTACHMENT B7

SELENIUM
STATISTICAL TEST 2

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Attachment B7: Statistical Test 2, Test of Proportions, July 2015 Selenium URGA

Selenium (mg/L)					
Date	Background	Background	Compliance	Compliance	Compliance
	MW93	MW420	MW84	MW87	MW90A
Aug-13	0.0025	0.0025	0.0025	0.0025	0.0025
Jan-14	**0.00596**	0.0025	**0.00652**	0.0025	0.0025
Jul-14	0.0025	0.0025	0.0025	0.0025	**0.00166**
Jan-15	0.0025	0.0025	0.0025	0.0025	**0.00182**
Jul-15	0.0025	0.0025	0.0025	0.0025	0.0025

mg/L = milligrams per liter
BG=background
DL=detection limit
Nondetect values are 1/2 DL.
Bolded values indicate a detected result.

[!] **Test of Proportions**

Calculate the number of detections in background wells vs. compliance wells.

X=	1	X=number of samples above DL in background wells
Y=	3	Y=number of samples above DL in compliance wells
n_b=	10	n_b=count of background well results/samples analyzed
n_c=	15	n_c=count of compliance well results/samples analyzed
n=	25	n=total number of samples

P =	0.160	P=(x+y)/n
nP =	4	$n=n_b+n_c$
n(1-P) =	21	

NOTE: If nP and n(1-P) are both >= 5, then the normal approximation may be used.

P_b =	0.100	P_b =proportion of detects in background wells
P_c =	0.200	P_c =proportion of detects in compliance wells
S_D =	0.150	S_D=standard error of difference in proportions
Z =	-0.668	$Z = (P_b-P_c)/S_D$
absolute value of Z =	0.668	

If the absolute value of Z exceeds the 97.5th percentile value of 1.96 from the standard normal distribution, this provides statistically significant evidence at the 5% significance level that the proportion of detects in one group of data exceeds the proportion of detects in the other group.

CONCLUSION: Because the absolute value of Z is less than 1.96, there is no statistical evidence that the proportion of samples with detected results differs between the background well and compliance well samples.

[!] Section 8.1.2, *Statistical Analysis of Ground-Water Monitoring Data at RCRA Facilities, Interim Final Guidance* (EPA, 1989)

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ATTACHMENT B8

TECHNETIUM-99
STATISTICAL TEST 2

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Attachment B8: Statistical Test 2, Test of Proportions, July 2015 Technetium-99 URGA

Technetium-99 (pCi/L)					
Date	Background	Background	Compliance	Compliance	Compliance
	MW93	MW420	MW84	MW87	MW90A
Aug-13	3.165	**17.9**	**18.8**	4.88	7.25
Jan-14	8.1	**16.8**	8.1	8.1	8.1
Jul-14	8.4	7.85	8.05	8.4	8.05
Jan-15	9.7	9.75	12.2	10.5	8.75
Jul-15	11.8	10.55	10.8	11.6	11.1

pCi/L = picocuries per liter
BG=background
DL=detection limit
Data represent 1/2 DL values for nondetects.
Bolded values indicate a detected result.

[!] **Test of Proportions**

Calculate the number of detections in background wells vs. compliance wells.

X=	2	X=number of samples above DL in background wells
Y=	1	Y=number of samples above DL in compliance wells
n_b=	10	n_b=count of background well results/samples analyzed
n_c=	15	n_c=count of compliance well results/samples analyzed
n=	25	n=total number of samples

P =	0.120	P=(x+y)/n
nP =	3	$n=n_b+n_c$
n(1-P) =	22	

NOTE: If nP and n(1-P) are both >= 5, then the normal approximation may be used.

P_b =	0.200	P_b =proportion of detects in background wells
P_c =	0.067	P_c =proportion of detects in compliance wells
S_D =	0.133	S_D=standard error of difference in proportions
Z =	1.005	$Z = (P_b-P_c)/S_D$
absolute value of Z =	1.005	

If the absolute value of Z exceeds the 97.5th percentile value of 1.96 from the standard normal distribution, this provides statistically significant evidence at the 5% significance level that the proportion of detects in one group of data exceeds the proportion of detects in the other group.

CONCLUSION: Because the absolute value of Z is less than 1.96, there is no statistical evidence that the proportion of samples with detected results differs between the background well and compliance well samples.

[!] Section 8.1.2, *Statistical Analysis of Ground-Water Monitoring Data at RCRA Facilities, Interim Final Guidance* (EPA, 1989)

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ATTACHMENT B9

TRICHLOROETHENE
STATISTICAL TESTS 4/3

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Attachment B9. Statistical Test 4, Parametric ANOVA, July 2015 Trichloroethene URGA

Trichloroethene (TCE, µg/L)					
Date	Background	Background	Compliance	Compliance	Compliance
	MW93	MW420	MW84	MW87	MW90A
Aug-13	**2200**	**230**	**1300**	**760**	**35**
Jan-14	**2900**	**290**	**1500**	**670**	**25**
Jul-14	**2710**	**203**	**1270**	**1030**	**46.2**
Jan-15	**2970**	**208**	**1380**	**1010**	**37.3**
Jul-15	**2520**	**191**	**1530**	**1250**	**37.9**
n_i	10		5	5	5
Sum	14422		6980	4720	181.40
(x_i)avg	1442.20		1396.00	944.00	36.28

µg/L = micrograms per liter

Bolded values indicate a detected result.

Overall mean x.. = 1052.14

N = 25

p = 4

x.. = 26303.40

Determine Normality of Dataset

Coefficient of Variability Test

Table of Residuals

Date	Background	Background	Compliance	Compliance	Compliance
	MW93	MW420	MW84	MW87	MW90A
Aug-13	757.80	-1212.20	-96.00	-184.00	-1.28
Jan-14	1457.80	-1152.20	104.00	-274.00	-11.28
Jul-14	1267.80	-1239.20	-126.00	86.00	9.92
Jan-15	1527.80	-1234.20	-16.00	66.00	1.02
Jul-15	1077.80	-1251.20	134.00	306.00	1.62

X: Mean Value =	-1.85E-14	1052.14	
S: Standard Deviation =	803.4	975.18	
K* Factor =	2.292	(for n = 25)	
CV = S/X =	-4.35E+16	> or = 1, residuals are not normal	0.93

*K factor [from Table 5, Appendix B of *Statistical Analysis of Ground-Water Monitoring Data at RCRA Facilities, Interim Guidance* (EPA 1989)].

Because the coefficient of variation is < 1, the residuals appear to be normally distributed.

Attachment B9. Statistical Test 4, Parametric ANOVA, July 2015 Trichloroethene URGA

Determine Equality of Variance of Dataset

p = number of wells
n_i = number of data points per well
N = total sample size
S^2 = the square of the standard deviation
$\ln(S_i^2)$ = natural logarithm of each variance
f = total sample size minus the number of wells (groups)
$f_i = n_i - 1$

$x_{..} =$ 26303.40
$(x_{avg})_{..} =$ 1052.14

p = 4
N = 25

Calculations for Equality of Variance: Bartlett's Test

S_i	S_i^2	$\ln(S_i^2)$	n_i	$f_i S_i^2$	$f_i \ln(S_i^2)$
1300.596	1691549.51	14.341	10	15223945.6	129.1
116.319	13530.00	9.513	5	54120.000	38.1
231.474	53580.00	10.889	5	214320.000	43.6
7.598	57.74	4.056	5	230.948	16.2

$\sum(S_i^2) =$ 1758717.25 $\sum f_i \ln(S_i^2) =$ 226.9

Equality of Variance: Bartlett's Test

f = 21
$Sp^2 =$ 737743.645
$\ln Sp^2 =$ 13.511
$\chi^2 =$ 56.838 (If calculated $\chi^2 \leq \chi^2_{crit}$, then variances are equal at the given significance level).
χ^2_{crit} * = 7.815 at a 5% significance level with 3 degrees of freedom

Variances are not equal, transform the original data to lognormal.
*Table 1, Appendix B, *Statistical Analysis of Ground-Water Monitoring Data at RCRA Facilities,* Interim Guidance (EPA 1989).

Attachment B9. Statistical Test 4, Parametric ANOVA, July 2015 Trichloroethene URGA

Lognormal Data for TCE

ln[TCE (µg/L)]					
Date	Background	Background	Compliance	Compliance	Compliance
	MW93	MW420	MW84	MW87	MW90A
Jan-13	7.70	5.44	7.17	6.63	3.56
Aug-13	7.97	5.67	7.31	6.51	3.22
Jan-14	7.90	5.31	7.15	6.94	3.83
Jul-14	8.00	5.34	7.23	6.92	3.62
Jan-15	7.83	5.25	7.33	7.13	3.63
x_i	66.41		36.19	34.13	17.86
(x_i)avg	6.64		7.24	6.83	3.57

µg/L = micrograms per liter

Determine Normality of Dataset

Coefficient of Variability Test

Table of residuals

Date	Background	Background	Compliance	Compliance	Compliance
	MW93	MW420	MW84	MW87	MW90A
Jul-12	1.05	-1.20	-0.07	-0.19	-0.02
Jan-13	1.33	-0.97	0.07	-0.32	-0.35
Aug-13	1.26	-1.33	-0.09	0.11	0.26
Jan-14	1.36	-1.30	-0.01	0.09	0.05
Jan-15	1.19	-1.39	0.09	0.31	0.06

X: Mean Value = 5.33E-17
S: Standard Deviation = 0.82
K* Factor = 2.292 (for n = 25)
CV = S/X = 1.53E+16 > or = 1, log-transformed data are not normally distributed

*K factor [from Table 5, Appendix B of *Statistical Analysis of Ground-Water Monitoring Data at RCRA Facilities, Interim Guidance* (EPA 1989)].

Attachment B9. Statistical Test 4, Parametric ANOVA, July 2015 Trichloroethene URGA

Determine Equality of Variance of Dataset

p = number of wells (background wells considered as one group)

n_i = number of data points per well

N = total sample size

S^2 = the square of the standard deviation

$\ln(S_i^2)$ = natural logarithm of each variance

f = total sample size minus the number of wells (groups)

$f_i = n_i - 1$

$x_{..} = 154.59$

$(x_{avg})_{..} = 6.18$

p = 4

N = 25

Calculations for Equality of Variance: Bartlett's Test

S_i	S_i^2	$\ln(S_i^2)$	ni	$f_iS_i^2$	$f_i\ln(S_i^2)$
1.313	1.724	0.545	10	15.519	4.9
0.083	0.007	-4.973	5	0.028	-19.9
0.251	0.063	-2.763	5	0.252	-11.1
0.223	0.050	-2.999	5	0.199	-12.0

$\sum(S_i^2) =$ 1.84 $\sum f_i\ln(S_i^2) =$ -38.0

Equality of Variance: Bartlett's Test

f = 21

$Sp^2 =$ 0.762

$\ln Sp^2 =$ -0.272

$\chi^2 =$ 32.326 (If calculated $\chi^2 \leq$ tabulated χ^2, then variances are equal at the given significance level).

tabulated χ^2 * = 7.815 at a 5% significance level with 3 degrees of freedom

Variances are not equal.

*Table 1, Appendix B, *Statistical Analysis of Ground-Water Monitoring Data at RCRA Facilities, Interim Guidance* (EPA 1989)].

Because variances are not equal, Statistical Test 3 - Nonparameteric ANOVA is performed.

Attachment B9. Statistical Test 3, Nonparametric ANOVA, July 2015 Trichloroethene URGA

Statistical Test 3, Nonparametric ANOVA

TCE (µg/L)					
Date	Background	Background	Compliance	Compliance	Compliance
	MW93	MW420	MW84	MW87	MW90A
Aug-13	**2200**	**230**	**1300**	**760**	**35**
Jan-14	**2900**	**290**	**1500**	**670**	**25**
Jul-14	**2710**	**203**	**1270**	**1030**	**46.2**
Jan-15	**2970**	**208**	**1380**	**1010**	**37.3**
Jul-15	**2520**	**191**	**1530**	**1250**	**37.9**
n_i	10		5	5	5
x_i	14422		6980	4720	181.40
(x_i)avg	1442.20		1396.00	944.00	36.28

Overall mean x.. = 1052.14

N = 25
p = 4
x.. = 26303.40

µg/L = micrograms per liter

Attachment B9. Statistical Test 3, Nonparametric ANOVA, July 2015 Trichloroethene URGA

Non-Parametric ANOVA

Ranking of Observations

Sequence	TCE (µg/L)	Adjusted Rank	Tie Number
1	**25**	1	
2	**35**	2	
3	**37.3**	3	
4	**37.9**	4	
5	**46.2**	5	
6	**191**	6	
7	**203**	7	
8	**208**	8	
9	**230**	9	
10	**290**	10	
11	**670**	11	
12	**760**	12	
13	**1010**	13	
14	**1030**	14	
15	**1250**	15	
16	**1270**	16	
17	**1300**	17	
18	**1380**	18	
19	**1500**	19	
20	**1530**	20	
21	**2200**	21	
22	**2520**	22	
23	**2710**	23	
24	**2900**	24	
25	**2970**	25	

	Adjustment for Ties:		$n_{tie}^3-n_{tie}$
n_{tie}	Tie 1	0	0
	Tie 2	0	0

$\sum T_i =$ 0

Attachment B9. Statistical Test 3, Nonparametric ANOVA, July 2015 Trichloroethene URGA

Sums of Ranks and Averages

TCE (µg/L)					
Date	Background	Background	Compliance	Compliance	Compliance
	MW93	MW420	MW84	MW87	MW90A
Aug-13	**2200**	**230**	**1300**	**760**	**35**
Jan-14	**2900**	**290**	**1500**	**670**	**25**
Jul-14	**2710**	**203**	**1270**	**1030**	**46.2**
Jan-15	**2970**	**208**	**1380**	**1010**	**37.3**
Jul-15	**2520**	**191**	**1530**	**1250**	**37.9**

Observation Ranks for TCE					
Date	Background	Background	Compliance	Compliance	Compliance
	MW93	MW420	MW84	MW87	MW90A
Aug-13	21	9	17	12	2
Jan-14	24	10	19	11	1
Jul-14	23	7	16	14	5
Jan-15	25	8	18	13	3
Jul-15	22	6	20	15	4
$R_{i.}$	155		90	65	15
$(R_i)_{avg}$	15.5		18.0	13.0	3
R_i^2/n_i	2402.5		1620.0	845.0	45

$\Sigma R_i^2/n_i =$ 4912.5

K = 4
N = 25

Calculation of Kruskal-Wallis Statistic

H =	12.692	Kruskal-Wallis Statistic	$H = [12/N(N+1)*\Sigma R_i^2/n_i] - 3(N+1)$
H' =	12.692	Corrected Kruskal-Wallis	$H' = H/[1-(\sum T_i/N^3-N)]$
χ^2_{crit}* =	7.815	3	degrees of freedom at the 5% significance level

NOTE: $H' > \chi^2_{crit}$

If $H' \leq \chi^2_{crit}$, the data from each well come from the same continuous distribution and hence have the same median concentrations of a specific constituent.
If $H' > \chi^2_{crit}$, reject the null hypothesis and calculate the critical difference for well comparisons to the background.

K-1 =	3	α/(K-1) =	0.01667	Z(α/(K-1))** =	2.128
α =	0.05	1-(α/K-1) =	0.983		

NOTE *Table 1, Appendix B, *Statistical Analysis of Ground-Water Monitoring Data at RCRA Facilities, Interim Guidance* (EPA 1989).
**Table 4, Appendix B, *Statistical Analysis of Ground-Water Monitoring Data at RCRA Facilities, Interim Guidance* (EPA 1989).

Attachment B9. Statistical Test 3, Nonparametric ANOVA, July 2015 Trichloroethene URGA

Calculate Critical Values

Average Background Ranking = 15.5

	Well No.	C_i	$(R_i)_{avg} - (R_b)_{avg}$	Conclusion
BG Well	MW93			
BG Well	MW420			
	MW84	8.578	2.50	not contaminated
	MW87	8.578	-2.50	not contaminated
	MW90A	8.578	-12.50	not contaminated

If $(R_i)_{avg} - (R_b)_{avg} > C_i$, then there is evidence that the compliance well is contaminated.

CONCLUSION: Since $(R_i)_{avg} - (R_b)_{avg} < C_i$, there is no statistically significant evidence that downgradient compliance test wells are contaminated; however, the negative value indicates that background wells have elevated concentrations.

Section 5.2.2, *Statistical Analysis of Ground-Water Monitoring Data at RCRA Facilities, Interim Guidance* (EPA 1989).

ATTACHMENT B10

URANIUM
STATISTICAL TEST 2

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Attachment B10: Statistical Test 2, Test of Proportions, July 2015 Uranium URGA

Uranium (mg/L)					
Date	Background	Background	Compliance	Compliance	Compliance
	MW93	MW420	MW84	MW87	MW90A
Aug-13	0.0005	0.0005	0.0005	0.0005	0.0005
Jan-14	0.0005	0.0005	0.0005	0.0005	0.0005
Jul-14	**0.00009**	0.0001	**0.00011**	**0.00009**	0.0001
Jan-15	**0.00214**	0.0001	**0.00043**	**0.00019**	0.0001
Jul-15	0.0001	0.0001	**0.00018**	**0.00009**	0.0001

mg/L = milligrams per liter
BG=background
DL=detection limit
Nondetect values are 1/2 DL.
Bolded values indicate a detected result.

[!] **Test of Proportions**

Calculate the number of detections in background wells vs. compliance wells.

X=	2	X=number of samples above DL in background wells
Y=	6	Y=number of samples above DL in compliance wells
n_b=	10	n_b=count of background well results/samples analyzed
n_c=	15	n_c=count of compliance well results/samples analyzed
n=	25	n=total number of samples

P =	0.320	P=(x+y)/n
nP =	8	$n=n_b+n_c$
n(1-P) =	17	

NOTE: If nP and n(1-P) are both >= 5, then the normal approximation may be used.

P_b =	0.200	P_b =proportion of detects in background wells
P_c =	0.400	P_c =proportion of detects in compliance wells
S_D =	0.190	S_D=standard error of difference in proportions
Z =	-1.050	$Z = (P_b-P_c)/S_D$
absolute value of Z =	1.050	

If the absolute value of Z exceeds the 97.5th percentile value of 1.96 from the standard normal distribution, this provides statistically significant evidence at the 5% significance level that the proportion of detects in one group of data exceeds the proportion of detects in the other group.

CONCLUSION: Because the absolute value of Z is less than 1.96, there is no statistical evidence that the proportion of samples with detected results differs between the background well and compliance well samples.

[!] Section 8.1.2, *Statistical Analysis of Ground-Water Monitoring Data at RCRA Facilities, Interim Final Guidance* (EPA, 1989)

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ATTACHMENT B11

STATISTICIAN STATEMENT

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FLUOR®

November 5, 2015

Ms. Myrna Redfield
Fluor Federal Services, Inc.
5511 Hobbs Road
Kevil, KY 42053

Dear Ms. Redfield:

I am submitting this statement as a supplementary document to the completed statistical analysis I performed on the groundwater data for the C-404 Landfill at the Paducah Gaseous Diffusion Plant.

As a Chemist, with a Bachelor of Science degree in chemistry and a minor in biology, I have over 20 years of experience in reviewing and assessing laboratory analytical results associated with environmental sampling and investigation activities. For the generation of these statistical analyses, my work was observed and reviewed by a senior chemist and geologist with Fluor Federal Services, Inc.

For this project, the statistical analyses on groundwater data from July 2013 through July 2015 were performed in accordance with the C-404 Hazardous Waste Landfill Permit, Appendix C using Microsoft Excel 2010. The Excel files were saved in a format compatible with Microsoft Excel 1997-2003. The spreadsheets include the results for the following statistical tests:

- Test of Proportions
- Parametric Analysis of Variance (ANOVA)
- Nonparametric ANOVA

The statistical analyses procedures were based on the U.S. Environmental Protection Agency (USEPA) *Statistical Analysis of Groundwater Monitoring Data at RCRA Facilities, Interim Final Guidance* (1989).

Sincerely,

Jennifer R. Blewett

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APPENDIX C

C-404 HAZARDOUS WASTE LANDFILL LEACHATE INFORMATION

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PADUCAH GASEOUS DIFFUSION PLANT
C-404 HAZARDOUS WASTE LANDFILL
PERMIT NUMBER KY8-890-008-982

LEACHATE INFORMATION

This appendix includes the C-404 Landfill monthly, quarterly, and annual inspection checklist, and volumes of leachate removed during this reporting period. The analytical results of the leachate sampling from last semiannual reporting period also are included. These data have been included in this report because the laboratory data were not available by the regulatory deadline of the previous report. The annual C-404 sump integrity test also is included with this report.

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C-404 Monthly Inspection Summary[1, 2, 3, 4]

Period of Inspection: April 2015
May 2015
June 2015

Leachate Level	Date (M/D/YY)	Level (inches deep)*	Inspector(s)
First monthly leachate level determination	4-8-15	1.11 Ft	Cody Boulton/Jason Boulton
Second monthly leachate level determination	5-7-15	1.36 ft	Jeff Boulton
Third monthly leachate level determination	6-11-15	2.0 ft	Jeff Boulton

* If the leachate level in the sump is at **3 feet (36 inches)**, then contact the appropriate personnel to initial removal and sampling of leachate AND when leachate is removed, complete the "**C-404 Inspection Checklist for Leachate Removal**."

NOTES:

1. If any item is found to be unacceptable and cannot be explained in the space available, the inspector must identify the specific observation and nature of the problem on the "C-404 Inspection Addendum" Form.
2. Third quarter of calendar year inspection includes the annual leachate collection system inspection.
3. The original forms shall be kept on file in the facility operating record.
4. Upon completing the monthly inspections, e-mail Environmental Compliance the leachate level and whether or not the leachate needs to be sampled or removed.

Jeff Boulton
6/11/15

ENM-F-0001 (8/17/10)
PAD-ENM-0022

C-404 Inspection Checklist for Leachate Removal[1, 2, 3]

Leachate Removal Inspection	YES	NO	N/A	Date (M/D/YY)	Volume (gallons)
Was any removal necessary during the quarter?			✓		
Has any leachate removed during the quarter been sampled?	✓ But NOT this month				2400 gallons Removed on 3-30-15
Date of superficial inspection upon removal of leachate.	✓				3-30-15
Date of sampling of leachate after removal.	✓				4-8-15

Item No.	Inspection Item	Item Description	Inspection Results A	Inspection Results U	Comments
A	Leachate Pit	Interior malformations	✓		
		Exterior malformations	✓		

Inspector: Jeff Boulton (Printed Name) Jeff Boulton

Signature: Jeff Boulton

Date: 4-8-15 Time: 1158

A=Acceptable

U=Unacceptable

NOTES:

1. This form is completed if the leachate level in the sump is at **3 feet (36 inches)** and is being removed. Ensure the appropriate personnel have been contacted and complete the information above.
2. If any item is found to be unacceptable, the inspector must identify the specific observation and nature of the problem on the "C-404 Inspection Addendum" Form.
3. The original forms shall be kept on file in the facility operating record.

C-404 Quarterly Inspection Checklist[1, 5]

Item No.	Inspection Item	Item Description	Inspection Results		Comments/Observations
			A	U	
A	Warning Signs	Four signs around landfill	✓		
B	Vegetative Cover[2]	Gully erosion depth > 6 inches	✓		
		Vegetative die-off	✓		
		Varmint intrusion/burrowing from animals	✓		
		Overgrowth	✓		
		Depressions	✓		
C	Ditches[3]	Debris in ditches	✓		
		Excessive sediment	✓		
		Drainage	✓		
		Erosion	✓		
D	Anchor Trench[4]	Washouts or depressions	✓		
		Lack of discharge	✓		
		Unusual volume or color	✓		
		Drainage (4 drains from landfill)	✓		
E	Leachate System	Level	✓		
		Cracks or damage	✓		
Inspector: Jeff Boulton (Printed Name) Sam Martin Tooele Clerk			Signature: [signature] Date: 6-11-18 Time: 10:41		

A=Acceptable
U=Unacceptable

NOTES:

1. If any item is found to be unacceptable, the inspector must identify the specific observation and nature of the problem on the "C-404 Inspection Addendum" Form.
2. For Item No. B, the vegetative cover shall be mowed regularly during the active growing season to discourage the growth of weeds, competitive species, or deep-rooted vegetation. Mowing shall be conducted using a sickle-type mower to prevent airborne contaminants. A radiation work permit will be required. Any erosion damage greater than 6 inches will be repaired by restoring to its original grade and reseeding. Differential settlement will be repaired by restoring site to its original grade and reseeding.
3. For Item No. C, blockage of or damage to the system shall be repaired by removing debris and accumulated sediment and restoring the ditch to its original grade. Ditches shall be reseeded and additional gravel shall be installed as needed.
4. For Item No. D, drainage pipe failures shall be repaired by removing the failed pipe, installing a new section, and replacing the fill material as necessary.
5. The original forms shall be kept on file in the facility operating record.

ENM-F-0002 (8-17-10)
PAD-ENM-0022

C-404 Monthly Inspection Summary[1, 2, 3, 4]

Period of Inspection: Q3 July, 9 2015
August-17-2015

Leachate Level	Date (M/D/YY)	Level (inches deep)*	Inspector(s)
First monthly leachate level determination	7-9-15	6' 7" or 22"	Sam Martin
Second monthly leachate level determination	8-17-15	6'9"/20"	Jeff Boulton
Third monthly leachate level determination	9-9-15	6'8"/21"	Sam Martin Barry Kinsell

* If the leachate level in the sump is at **3 feet (36 inches)**, then contact the appropriate personnel to initial removal and sampling of leachate AND when leachate is removed, complete the "**C-404 Inspection Checklist for Leachate Removal**."

NOTES:

1. If any item is found to be unacceptable and cannot be explained in the space available, the inspector must identify the specific observation and nature of the problem on the "C-404 Inspection Addendum" Form.
2. Third quarter of calendar year inspection includes the annual leachate collection system inspection.
3. The original forms shall be kept on file in the facility operating record.
4. Upon completing the monthly inspections, e-mail Environmental Compliance the leachate level and whether or not the leachate needs to be sampled or removed.

ENM-F-0001 (8/17/10)
PAD-ENM-0022

C-404 Inspection Checklist for a 24-Hour Rain Event[1, 2, 3]

Item No.	Inspection Item	Item Description	Inspection Results		Comments/Observations
			A	U	
A	Vegetative Cover	Gully erosion depth > 6 inches	✓		
		Vegetative die-off	✓		
		Varmint intrusion/burrowing from animals	✓		
		Overgrowth		✓	Badly Needs Mowing
		Depressions	✓		Small Depression forming @ Sump
B	Ditches	Debris in ditches	✓		
		Excessive sediment	✓		
		Drainage	✓		
		Erosion	✓		
C	Anchor Trench	Washouts or depressions	✓		
		Lack of discharge	✓		
		Unusual volume or color	✓		
		Drainage (4 drains from landfill)	✓		

Inspector: Sam Martin
(Printed Name)

Signature: [signature]

Date: 7-9-15 Time: 0820

A=Acceptable
U=Unacceptable

NOTES:

1. This checklist is used after a major storm in the event that 5.8 inches falls in 24 hours.
2. If any item is found to be unacceptable, the inspector must identify the specific observation and nature of the problem on the "C-404 Inspection Addendum" Form.
3. The original forms shall be kept on file in the facility operating record.

C-404 Inspection Addendum[1, 2, 3]

Date	Item No.	Observation	Repairs Completed
8-17-15	A	Badly Needs Mowing. I Can't Say when it was Done but was Completed when I check 8-17-15 Jeff Bailey 8-17-15	8-17-15
		JAB 8-17-15	

NOTES:

1. This form can be used if additional space is necessary to document the appropriate information.
2. If the notation is made by someone other than the inspector for the repairs completed, that person should sign the entry.
3. The original forms shall be kept on file in the facility operating record.

ENM-F-0006 (8-17-10)
PAD-ENM-0022

C-404 Quarterly Inspection Checklist[1, 5]

Item No.	Inspection Item	Item Description	Inspection Results		Comments/Observations
			A	U	
A	Warning Signs	Four signs around landfill		✓	SIGN ON WEST SIDE ON GROUND SEVERAL METAL POST ON GROUND ON EAST SIDE
B	Vegetative Cover[2]	Gully erosion depth > 6 inches	✓		
		Vegetative die-off	✓		
		Varmint intrusion/burrowing from animals	✓		
		Overgrowth		✓	NORTH, SOUTHEST, EAST, SOUTH SLOPES GROWN UP. WEEDS TOO TALL TO INSPECT THOSE AREAS.
		Depressions	✓		
C	Ditches[3]	Debris in ditches	✓		
		Excessive sediment	✓		
		Drainage	✓		
		Erosion	✓		
D	Anchor Trench[4]	Washouts or depressions	✓		
		Lack of discharge	✓		
		Unusual volume or color	✓		
		Drainage (4 drains from landfill)		✓	DRAINS ON NORTHEAST & SOUTHEAST SIDES CRACKED/BROKEN. SOUTH WEST DRAIN I CAN'T FIND. COVERED NORTH WEST DRAIN OK.
E	Leachate System	Level	✓		
		Cracks or damage	✓		

Inspector: Barry Kinsall (Printed Name)

Signature: [signature]

Date: 9/30/15 Time: 0940

A=Acceptable

U=Unacceptable

NOTES:

1. If any item is found to be unacceptable, the inspector must identify the specific observation and nature of the problem on the "C-404 Inspection Addendum" Form.
2. For Item No. B, the vegetative cover shall be mowed regularly during the active growing season to discourage the growth of weeds, competitive species, or deep-rooted vegetation. Mowing shall be conducted using a sickle-type mower to prevent airborne contaminants. A radiation work permit will be required. Any erosion damage greater than 6 inches will be repaired by restoring to its original grade and reseeding. Differential settlement will be repaired by restoring site to its original grade and reseeding.
3. For Item No. C, blockage of or damage to the system shall be repaired by removing debris and accumulated sediment and restoring the ditch to its original grade. Ditches shall be reseeded and additional gravel shall be installed as needed.
4. For Item No. D, drainage pipe failures shall be repaired by removing the failed pipe, installing a new section, and replacing the fill material as necessary.
5. The original forms shall be kept on file in the facility operating record.

ENM-F-0002 (8-17-10)
PAD-ENM-0022

C-404 Annual Inspection Checklist[1, 2, 3]

Item No.	Inspection Item	Item Description	Inspection Results		Comments
			A	U	
A	Wells	14 Wells (attach well inspection form)		✓	SEE INSPECTION FORMS
B	Leachate Pit	Interior malformations	✓		
		Exterior malformations	✓		
		Integrity test (attach data)[4]	✓		STARTED 9/9/15 @ 0845 *
Inspector: Barry Kinsall (Printed Name)			Signature: [signature] Date: 9/30/15 Time: 1025		

A=Acceptable
U=Unacceptable

* INTEGRITY TEST DATA WILL BE COLLECTED ON 10/12/15. BK 9/30/15

NOTES:

1. If any item is found to be unacceptable, the inspector must identify the specific observation and nature of the problem on the "C-404 Inspection Addendum" Form.
2. The original forms shall be kept on file in the facility operating record.
3. Annual inspection performed during the third quarter of the calendar year.
4. For the integrity test of the leachate pit during the annual inspection, data from the data logger is downloaded electronically and printed annually, and then attached to the annual inspection checklist for maintaining in the file.

ENM-F-0003 (8-17-10)
PAD-ENM-0022

Report Date:	10/13/2015 9:01
Report User Name:	C400
Report Computer Name:	RVABXXLAP03323
Application:	WinSituPlus.exe
Application Version:	5.6.25.0

Log File Properties

File Name	C-404 9-9-15_2015-10-13_08-47-55-823.wsl
Create Date	10/13/2015 8:47

Device Properties

Device	Level TROLL 500			
Site	C-404 Landfill Sump			
Device Name				
Serial Number	410153			
Firmware Version	3.03			
Hardware Version	4			
Device Address	1			
Device Comm Cfg	19200	8 Even	1 (Modbus-RTU)	
Used Memory	12			
Used Battery	1			

Log Configuration

Log Name	C-404 9-9-15
Created By	C400
Computer Name	RVABXXLAP03323
Application	WinSituPlus.exe
Application Version	5.6.25.0
Create Date	9/9/2015 8:38:30 AM Central Daylight Time
Log Setup Time Zone	Central Daylight Time
Notes Size(bytes)	4096
Overwrite when full	Enabled
Scheduled Start Time	9/9/2015 8:45:00 AM Central Daylight Time
Scheduled Stop Time	10/10/2015 9:00:00 AM Central Daylight Time
Type	Linear
Duration	Days: 31 hrs: 00 mins: 15 secs: 00
Interval	Days: 0 hrs: 00 mins: 15 secs: 00

Level Reference Settings At Log Creation

Level Measurement Mode	Level Depth To Water
Specific Gravity	0.999
Level Reference Mode:	Set new reference
Level Reference Value:	6.833 (ft)
Level Reference Head Pressur	0.524211 (PSI)

Other Log Settings

Depth of Probe:	1.20818 (ft)
Head Pressure:	0.523257 (PSI)
Temperature:	22.0736 (C)

Log Notes:

Date and Time	Note
9/9/2015 8:38	Used Battery: 1% Used Memory: 18% User Name: C400

Log Data:

Record Count	2978		
Sensors	1		
	1	410153	Pressure/Temp 30 PSIG (21m/69ft)

Time Zone: Central Daylight Time

		Sensor: Pre	Sensor: Pres(G)	Sensor: Pres(G) 69ft
	Elapsed Time	SN#: 4101	SN#: 410153	SN#: 410153
Date and Time	Seconds	Pressure (PSI)	Temperature (C)	Level Depth To Water (ft)
9/9/2015 8:45	0	0.525	22.048	6.831
9/9/2015 9:00	900.001	0.527	22.039	6.826
9/9/2015 9:15	1800.001	0.528	22.01	6.824
9/9/2015 9:30	2700.001	0.529	22.026	6.821
9/9/2015 9:45	3600.001	0.528	22.022	6.823
9/9/2015 10:00	4500.001	0.53	22.039	6.819
9/9/2015 10:15	5400.001	0.527	22.046	6.825
9/9/2015 10:30	6300.001	0.53	22.021	6.818
9/9/2015 10:45	7200.001	0.531	22.028	6.818
9/9/2015 11:00	8100.001	0.533	22.038	6.813
9/9/2015 11:15	9000.001	0.53	22.019	6.819
9/9/2015 11:30	9900.001	0.532	22.001	6.814
9/9/2015 11:45	10800.001	0.531	22.02	6.817
9/9/2015 12:00	11700.001	0.531	22.031	6.816
9/9/2015 12:15	12600.001	0.531	22.005	6.817
9/9/2015 12:30	13500.001	0.531	22.033	6.816
9/9/2015 12:45	14400.001	0.532	22.023	6.815
9/9/2015 13:00	15300.001	0.535	22.028	6.808
9/9/2015 13:15	16200.001	0.533	22.02	6.813
9/9/2015 13:30	17100.001	0.535	22.033	6.808

Date and Time	Seconds	Pressure (PSI)	Temperature (C)	Level Depth To Water (ft)
9/9/2015 13:45	18000.001	0.532	22.015	6.815
9/9/2015 14:00	18900.001	0.535	22.02	6.809
9/9/2015 14:15	19800.001	0.535	22.024	6.808
9/9/2015 14:30	20700.001	0.536	22.021	6.806
9/9/2015 14:45	21600.001	0.534	22.017	6.81
9/9/2015 15:00	22500.001	0.534	22.005	6.811
9/9/2015 15:15	23400.001	0.534	22.022	6.811
9/9/2015 15:30	24300.001	0.535	22.043	6.809
9/9/2015 15:45	25200.001	0.535	22.019	6.808
9/9/2015 16:00	26100.001	0.534	22.009	6.811
9/9/2015 16:15	27000.001	0.537	22.036	6.804
9/9/2015 16:30	27900.001	0.534	22.039	6.811
9/9/2015 16:45	28800.001	0.534	22.032	6.809
9/9/2015 17:00	29700.001	0.536	22.033	6.806
9/9/2015 17:15	30600.001	0.536	22.043	6.806
9/9/2015 17:30	31500.001	0.537	22.023	6.803
9/9/2015 17:45	32400.001	0.536	22.024	6.806
9/9/2015 18:00	33300.001	0.536	22.028	6.807
9/9/2015 18:15	34200.001	0.537	22.005	6.805
9/9/2015 18:30	35100.001	0.535	22.043	6.807
9/9/2015 18:45	36000.001	0.538	22.01	6.801
9/9/2015 19:00	36900.001	0.536	22.041	6.805
9/9/2015 19:15	37800.001	0.537	22.012	6.805
9/9/2015 19:30	38700.001	0.539	21.996	6.799
9/9/2015 19:45	39600.001	0.535	22.037	6.807
9/9/2015 20:00	40500.001	0.538	22.033	6.802
9/9/2015 20:15	41400.001	0.537	22.041	6.803
9/9/2015 20:30	42300.001	0.536	22.028	6.805
9/9/2015 20:45	43200.001	0.538	22.039	6.802
9/9/2015 21:00	44100.001	0.538	22.042	6.802
9/9/2015 21:15	45000.001	0.537	22	6.805
9/9/2015 21:30	45900.001	0.538	22.053	6.802
9/9/2015 21:45	46800.001	0.536	22.026	6.805
9/9/2015 22:00	47700.001	0.537	22.02	6.803
9/9/2015 22:15	48600.001	0.534	22.028	6.81
9/9/2015 22:30	49500.001	0.538	22.016	6.801
9/9/2015 22:45	50400.001	0.539	22.026	6.798
9/9/2015 23:00	51300.001	0.537	22.027	6.803
9/9/2015 23:15	52200.001	0.537	22.021	6.803
9/9/2015 23:30	53100.001	0.537	22.023	6.804
9/9/2015 23:45	54000.001	0.537	22.023	6.803
9/10/2015 0:00	54900.001	0.539	22.018	6.799
9/10/2015 0:15	55800.001	0.537	22.023	6.804
9/10/2015 0:30	56700.001	0.537	22.026	6.804
9/10/2015 0:45	57600.001	0.537	22.014	6.803

Date and Time	Seconds	Pressure (PSI)	Temperature (C)	Level Depth To Water (ft)
9/10/2015 1:00	58500.001	0.536	22.035	6.806
9/10/2015 1:15	59400.001	0.54	22.018	6.797
9/10/2015 1:30	60300.001	0.539	22.028	6.798
9/10/2015 1:45	61200.001	0.538	22.017	6.801
9/10/2015 2:00	62100.001	0.538	22.027	6.801
9/10/2015 2:15	63000.001	0.537	22.01	6.803
9/10/2015 2:30	63900.001	0.537	22.019	6.804
9/10/2015 2:45	64800.001	0.537	22.005	6.803
9/10/2015 3:00	65700.001	0.54	22.034	6.797
9/10/2015 3:15	66600.001	0.536	22.02	6.805
9/10/2015 3:30	67500.001	0.538	22.02	6.801
9/10/2015 3:45	68400.001	0.538	22.034	6.8
9/10/2015 4:00	69300.001	0.541	22.02	6.795
9/10/2015 4:15	70200.001	0.538	22.025	6.801
9/10/2015 4:30	71100.001	0.538	22.013	6.802
9/10/2015 4:45	72000.001	0.54	22.018	6.797
9/10/2015 5:00	72900.001	0.537	22.023	6.804
9/10/2015 5:15	73800.001	0.539	22.013	6.799
9/10/2015 5:30	74700.001	0.539	22.03	6.798
9/10/2015 5:45	75600.001	0.539	22.015	6.799
9/10/2015 6:00	76500.001	0.539	22.016	6.798
9/10/2015 6:15	77400.001	0.539	22.023	6.799
9/10/2015 6:30	78300.001	0.539	21.994	6.8
9/10/2015 6:45	79200.001	0.54	22.002	6.797
9/10/2015 7:00	80100.001	0.54	21.996	6.796
9/10/2015 7:15	81000.001	0.539	22.015	6.8
9/10/2015 7:30	81900.001	0.54	22.003	6.797
9/10/2015 7:45	82800.001	0.541	21.998	6.794
9/10/2015 8:00	83700.001	0.538	22.017	6.802
9/10/2015 8:15	84600.001	0.539	21.998	6.798
9/10/2015 8:30	85500.001	0.539	22.036	6.8
9/10/2015 8:45	86400.001	0.54	22.027	6.797
9/10/2015 9:00	87300.001	0.541	22.01	6.795
9/10/2015 9:15	88200.001	0.538	22.005	6.801
9/10/2015 9:30	89100.001	0.54	22.015	6.798
9/10/2015 9:45	90000.001	0.539	21.993	6.798
9/10/2015 10:00	90900.001	0.539	21.991	6.8
9/10/2015 10:15	91800.001	0.539	22.013	6.798
9/10/2015 10:30	92700.001	0.54	22.013	6.797
9/10/2015 10:45	93600.001	0.542	21.998	6.793
9/10/2015 11:00	94500.001	0.539	22.014	6.799
9/10/2015 11:15	95400.001	0.538	22.001	6.802
9/10/2015 11:30	96300.001	0.54	21.992	6.797
9/10/2015 11:45	97200.001	0.539	22.005	6.799
9/10/2015 12:00	98100.001	0.539	22.002	6.798

Date and Time	Seconds	Pressure (PSI)	Temperature (C)	Level Depth To Water (ft)
9/10/2015 12:15	99000.001	0.539	22.009	6.798
9/10/2015 12:30	99900.001	0.539	21.998	6.798
9/10/2015 12:45	100800.001	0.538	22.002	6.8
9/10/2015 13:00	101700.001	0.541	22	6.793
9/10/2015 13:15	102600.001	0.539	21.986	6.799
9/10/2015 13:30	103500.001	0.539	21.992	6.8
9/10/2015 13:45	104400.001	0.538	21.994	6.801
9/10/2015 14:00	105300.001	0.541	21.989	6.794
9/10/2015 14:15	106200.001	0.539	21.994	6.799
9/10/2015 14:30	107100.001	0.54	21.99	6.798
9/10/2015 14:45	108000.001	0.538	21.97	6.801
9/10/2015 15:00	108900.001	0.54	21.988	6.797
9/10/2015 15:15	109800.001	0.541	21.989	6.794
9/10/2015 15:30	110700.001	0.539	21.973	6.798
9/10/2015 15:45	111600.001	0.54	22.006	6.797
9/10/2015 16:00	112500.001	0.54	21.986	6.797
9/10/2015 16:15	113400.001	0.538	21.961	6.801
9/10/2015 16:30	114300.001	0.541	21.982	6.794
9/10/2015 16:45	115200.001	0.54	21.98	6.796
9/10/2015 17:00	116100.001	0.54	21.984	6.795
9/10/2015 17:15	117000.001	0.54	22.004	6.795
9/10/2015 17:30	117900.001	0.542	21.961	6.791
9/10/2015 17:45	118800.001	0.539	21.985	6.799
9/10/2015 18:00	119700.001	0.538	21.967	6.8
9/10/2015 18:15	120600.001	0.539	21.966	6.799
9/10/2015 18:30	121500.001	0.539	21.992	6.799
9/10/2015 18:45	122400.001	0.539	21.956	6.798
9/10/2015 19:00	123300.001	0.542	21.977	6.791
9/10/2015 19:15	124200.001	0.539	21.982	6.799
9/10/2015 19:30	125100.001	0.54	21.977	6.797
9/10/2015 19:45	126000.001	0.541	21.961	6.795
9/10/2015 20:00	126900.001	0.54	21.963	6.797
9/10/2015 20:15	127800.001	0.543	21.971	6.79
9/10/2015 20:30	128700.001	0.541	21.985	6.793
9/10/2015 20:45	129600.001	0.539	21.962	6.799
9/10/2015 21:00	130500.001	0.541	21.983	6.795
9/10/2015 21:15	131400.001	0.54	21.961	6.797
9/10/2015 21:30	132300.001	0.539	21.964	6.798
9/10/2015 21:45	133200.001	0.542	21.964	6.793
9/10/2015 22:00	134100.001	0.54	21.969	6.796
9/10/2015 22:15	135000.001	0.54	21.98	6.797
9/10/2015 22:30	135900.001	0.54	21.975	6.796
9/10/2015 22:45	136800.001	0.54	21.966	6.796
9/10/2015 23:00	137700.001	0.542	21.951	6.792
9/10/2015 23:15	138600.001	0.541	21.95	6.794

Date and Time	Seconds	Pressure (PSI)	Temperature (C)	Level Depth To Water (ft)
9/10/2015 23:30	139500.001	0.541	21.961	6.794
9/10/2015 23:45	140400.001	0.54	21.964	6.797
9/11/2015 0:00	141300.001	0.542	21.944	6.792
9/11/2015 0:15	142200.001	0.541	21.962	6.795
9/11/2015 0:30	143100.001	0.541	21.959	6.794
9/11/2015 0:45	144000.001	0.54	21.951	6.797
9/11/2015 1:00	144900.001	0.54	21.951	6.797
9/11/2015 1:15	145800.001	0.54	21.977	6.796
9/11/2015 1:30	146700.001	0.542	21.936	6.792
9/11/2015 1:45	147600.001	0.541	21.967	6.795
9/11/2015 2:00	148500.001	0.542	21.944	6.792
9/11/2015 2:15	149400.001	0.54	21.957	6.798
9/11/2015 2:30	150300.001	0.542	21.952	6.793
9/11/2015 2:45	151200.001	0.544	21.967	6.788
9/11/2015 3:00	152100.001	0.539	21.962	6.798
9/11/2015 3:15	153000.001	0.542	21.944	6.793
9/11/2015 3:30	153900.001	0.542	21.958	6.793
9/11/2015 3:45	154800.001	0.544	21.944	6.788
9/11/2015 4:00	155700.001	0.539	21.946	6.798
9/11/2015 4:15	156600.001	0.542	21.95	6.792
9/11/2015 4:30	157500.001	0.542	21.943	6.792
9/11/2015 4:45	158400.001	0.541	21.94	6.795
9/11/2015 5:00	159300.001	0.54	21.947	6.796
9/11/2015 5:15	160200.001	0.54	21.951	6.797
9/11/2015 5:30	161100.001	0.541	21.964	6.794
9/11/2015 5:45	162000.001	0.542	21.949	6.793
9/11/2015 6:00	162900.001	0.54	21.943	6.795
9/11/2015 6:15	163800.001	0.54	21.929	6.797
9/11/2015 6:30	164700.001	0.542	21.946	6.791
9/11/2015 6:45	165600.001	0.542	21.953	6.792
9/11/2015 7:00	166500.001	0.541	21.946	6.794
9/11/2015 7:15	167400.001	0.542	21.963	6.791
9/11/2015 7:30	168300.001	0.54	21.964	6.797
9/11/2015 7:45	169200.001	0.54	21.926	6.796
9/11/2015 8:00	170100.001	0.542	21.956	6.791
9/11/2015 8:15	171000.001	0.541	21.945	6.794
9/11/2015 8:30	171900.001	0.542	21.936	6.793
9/11/2015 8:45	172800.001	0.541	21.967	6.795
9/11/2015 9:00	173700.001	0.544	21.951	6.788
9/11/2015 9:15	174600.001	0.54	21.95	6.798
9/11/2015 9:30	175500.001	0.542	21.936	6.793
9/11/2015 9:45	176400.001	0.541	21.942	6.795
9/11/2015 10:00	177300.001	0.54	21.933	6.796
9/11/2015 10:15	178200.001	0.542	21.939	6.792
9/11/2015 10:30	179100.001	0.542	21.936	6.793

Date and Time	Seconds	Pressure (PSI)	Temperature (C)	Level Depth To Water (ft)
9/11/2015 10:45	180000.001	0.539	21.931	6.798
9/11/2015 11:00	180900.001	0.542	21.943	6.792
9/11/2015 11:15	181800.001	0.539	21.942	6.8
9/11/2015 11:30	182700.001	0.542	21.946	6.791
9/11/2015 11:45	183600.001	0.542	21.921	6.791
9/11/2015 12:00	184500.001	0.542	21.941	6.793
9/11/2015 12:15	185400.001	0.542	21.936	6.792
9/11/2015 12:30	186300.001	0.542	21.949	6.792
9/11/2015 12:45	187200.001	0.542	21.948	6.791
9/11/2015 13:00	188100.001	0.543	21.959	6.79
9/11/2015 13:15	189000.001	0.541	21.955	6.794
9/11/2015 13:30	189900.001	0.543	21.949	6.79
9/11/2015 13:45	190800.001	0.543	21.941	6.79
9/11/2015 14:00	191700.001	0.543	21.934	6.791
9/11/2015 14:15	192600.001	0.542	21.937	6.791
9/11/2015 14:30	193500.001	0.541	21.942	6.795
9/11/2015 14:45	194400.001	0.543	21.926	6.789
9/11/2015 15:00	195300.001	0.541	21.946	6.794
9/11/2015 15:15	196200.001	0.542	21.953	6.791
9/11/2015 15:30	197100.001	0.542	21.94	6.792
9/11/2015 15:45	198000.001	0.541	21.936	6.794
9/11/2015 16:00	198900.001	0.542	21.926	6.793
9/11/2015 16:15	199800.001	0.541	21.936	6.794
9/11/2015 16:30	200700.001	0.542	21.952	6.791
9/11/2015 16:45	201600.001	0.542	21.939	6.792
9/11/2015 17:00	202500.001	0.541	21.939	6.794
9/11/2015 17:15	203400.001	0.543	21.944	6.79
9/11/2015 17:30	204300.001	0.541	21.951	6.793
9/11/2015 17:45	205200.001	0.543	21.929	6.79
9/11/2015 18:00	206100.001	0.544	21.941	6.788
9/11/2015 18:15	207000.001	0.543	21.928	6.791
9/11/2015 18:30	207900.001	0.541	21.92	6.794
9/11/2015 18:45	208800.001	0.541	21.936	6.795
9/11/2015 19:00	209700.001	0.545	21.931	6.785
9/11/2015 19:15	210600.001	0.542	21.928	6.793
9/11/2015 19:30	211500.001	0.542	21.921	6.793
9/11/2015 19:45	212400.001	0.542	21.93	6.793
9/11/2015 20:00	213300.001	0.541	21.949	6.794
9/11/2015 20:15	214200.001	0.541	21.943	6.794
9/11/2015 20:30	215100.001	0.544	21.926	6.788
9/11/2015 20:45	216000.001	0.542	21.925	6.791
9/11/2015 21:00	216900.001	0.544	21.941	6.787
9/11/2015 21:15	217800.001	0.541	21.916	6.795
9/11/2015 21:30	218700.001	0.542	21.917	6.791
9/11/2015 21:45	219600.001	0.543	21.952	6.791

Date and Time	Seconds	Pressure (PSI)	Temperature (C)	Level Depth To Water (ft)
9/11/2015 22:00	220500.001	0.542	21.923	6.791
9/11/2015 22:15	221400.001	0.541	21.918	6.795
9/11/2015 22:30	222300.001	0.541	21.927	6.794
9/11/2015 22:45	223200.001	0.543	21.951	6.791
9/11/2015 23:00	224100.001	0.543	21.944	6.79
9/11/2015 23:15	225000.001	0.541	21.931	6.794
9/11/2015 23:30	225900.001	0.542	21.903	6.793
9/11/2015 23:45	226800.001	0.542	21.91	6.792
9/12/2015 0:00	227700.001	0.543	21.923	6.789
9/12/2015 0:15	228600.001	0.543	21.919	6.79
9/12/2015 0:30	229500.001	0.542	21.902	6.791
9/12/2015 0:45	230400.001	0.543	21.926	6.789
9/12/2015 1:00	231300.001	0.543	21.908	6.789
9/12/2015 1:15	232200.001	0.542	21.931	6.792
9/12/2015 1:30	233100.001	0.542	21.917	6.791
9/12/2015 1:45	234000.001	0.542	21.918	6.792
9/12/2015 2:00	234900.001	0.542	21.923	6.792
9/12/2015 2:15	235800.001	0.542	21.909	6.791
9/12/2015 2:30	236700.001	0.544	21.918	6.788
9/12/2015 2:45	237600.001	0.542	21.926	6.791
9/12/2015 3:00	238500.001	0.542	21.912	6.792
9/12/2015 3:15	239400.001	0.543	21.923	6.791
9/12/2015 3:30	240300.001	0.543	21.94	6.789
9/12/2015 3:45	241200.001	0.542	21.946	6.792
9/12/2015 4:00	242100.001	0.543	21.931	6.789
9/12/2015 4:15	243000.001	0.543	21.929	6.79
9/12/2015 4:30	243900.001	0.542	21.925	6.792
9/12/2015 4:45	244800.001	0.543	21.92	6.79
9/12/2015 5:00	245700.001	0.543	21.908	6.791
9/12/2015 5:15	246600.001	0.542	21.91	6.792
9/12/2015 5:30	247500.001	0.542	21.913	6.792
9/12/2015 5:45	248400.001	0.542	21.923	6.793
9/12/2015 6:00	249300.001	0.544	21.901	6.788
9/12/2015 6:15	250200.001	0.542	21.911	6.792
9/12/2015 6:30	251100.001	0.542	21.896	6.791
9/12/2015 6:45	252000.001	0.54	21.916	6.796
9/12/2015 7:00	252900.001	0.543	21.917	6.79
9/12/2015 7:15	253800.001	0.545	21.899	6.786
9/12/2015 7:30	254700.001	0.543	21.892	6.789
9/12/2015 7:45	255600.001	0.543	21.914	6.791
9/12/2015 8:00	256500.001	0.542	21.9	6.793
9/12/2015 8:15	257400.001	0.544	21.906	6.788
9/12/2015 8:30	258300.001	0.543	21.905	6.789
9/12/2015 8:45	259200.001	0.542	21.914	6.791
9/12/2015 9:00	260100.001	0.542	21.913	6.793

Date and Time	Seconds	Pressure (PSI)	Temperature (C)	Level Depth To Water (ft)
9/12/2015 9:15	261000.001	0.542	21.913	6.791
9/12/2015 9:30	261900.001	0.542	21.929	6.791
9/12/2015 9:45	262800.001	0.543	21.914	6.79
9/12/2015 10:00	263700.001	0.541	21.903	6.794
9/12/2015 10:15	264600.001	0.542	21.885	6.792
9/12/2015 10:30	265500.001	0.543	21.913	6.789
9/12/2015 10:45	266400.001	0.543	21.896	6.789
9/12/2015 11:00	267300.001	0.542	21.896	6.792
9/12/2015 11:15	268200.001	0.542	21.93	6.792
9/12/2015 11:30	269100.001	0.543	21.931	6.79
9/12/2015 11:45	270000.001	0.544	21.897	6.788
9/12/2015 12:00	270900.001	0.544	21.905	6.787
9/12/2015 12:15	271800.001	0.544	21.893	6.788
9/12/2015 12:30	272700.001	0.542	21.913	6.791
9/12/2015 12:45	273600.001	0.543	21.906	6.79
9/12/2015 13:00	274500.001	0.541	21.908	6.795
9/12/2015 13:15	275400.001	0.543	21.889	6.79
9/12/2015 13:30	276300.001	0.543	21.885	6.79
9/12/2015 13:45	277200.001	0.541	21.921	6.793
9/12/2015 14:00	278100.001	0.542	21.909	6.792
9/12/2015 14:15	279000.001	0.544	21.895	6.788
9/12/2015 14:30	279900.001	0.543	21.903	6.789
9/12/2015 14:45	280800.001	0.545	21.906	6.784
9/12/2015 15:00	281700.001	0.542	21.88	6.792
9/12/2015 15:15	282600.001	0.544	21.901	6.786
9/12/2015 15:30	283500.001	0.542	21.88	6.791
9/12/2015 15:45	284400.001	0.542	21.883	6.791
9/12/2015 16:00	285300.001	0.543	21.888	6.789
9/12/2015 16:15	286200.001	0.543	21.888	6.79
9/12/2015 16:30	287100.001	0.543	21.889	6.79
9/12/2015 16:45	288000.001	0.544	21.877	6.788
9/12/2015 17:00	288900.001	0.542	21.877	6.793
9/12/2015 17:15	289800.001	0.542	21.88	6.792
9/12/2015 17:30	290700.001	0.543	21.881	6.789
9/12/2015 17:45	291600.001	0.543	21.893	6.79
9/12/2015 18:00	292500.001	0.542	21.879	6.792
9/12/2015 18:15	293400.001	0.543	21.88	6.79
9/12/2015 18:30	294300.001	0.544	21.854	6.787
9/12/2015 18:45	295200.001	0.543	21.908	6.79
9/12/2015 19:00	296100.001	0.543	21.862	6.79
9/12/2015 19:15	297000.001	0.541	21.871	6.794
9/12/2015 19:30	297900.001	0.543	21.877	6.79
9/12/2015 19:45	298800.001	0.541	21.874	6.794
9/12/2015 20:00	299700.001	0.543	21.857	6.79
9/12/2015 20:15	300600.001	0.544	21.861	6.788

Date and Time	Seconds	Pressure (PSI)	Temperature (C)	Level Depth To Water (ft)
9/12/2015 20:30	301500.001	0.544	21.865	6.787
9/12/2015 20:45	302400.001	0.544	21.888	6.788
9/12/2015 21:00	303300.001	0.541	21.836	6.793
9/12/2015 21:15	304200.001	0.543	21.867	6.789
9/12/2015 21:30	305100.001	0.542	21.862	6.792
9/12/2015 21:45	306000.001	0.542	21.879	6.791
9/12/2015 22:00	306900.001	0.543	21.86	6.79
9/12/2015 22:15	307800.001	0.542	21.87	6.792
9/12/2015 22:30	308700.001	0.543	21.878	6.789
9/12/2015 22:45	309600.001	0.543	21.883	6.789
9/12/2015 23:00	310500.001	0.543	21.876	6.79
9/12/2015 23:15	311400.001	0.544	21.86	6.788
9/12/2015 23:30	312300.001	0.541	21.842	6.794
9/12/2015 23:45	313200.001	0.541	21.885	6.794
9/13/2015 0:00	314100.001	0.544	21.842	6.787
9/13/2015 0:15	315000.001	0.543	21.852	6.788
9/13/2015 0:30	315900.001	0.543	21.84	6.789
9/13/2015 0:45	316800.001	0.542	21.842	6.792
9/13/2015 1:00	317700.001	0.543	21.847	6.789
9/13/2015 1:15	318600.001	0.545	21.831	6.786
9/13/2015 1:30	319500.001	0.544	21.849	6.787
9/13/2015 1:45	320400.001	0.544	21.875	6.788
9/13/2015 2:00	321300.001	0.544	21.839	6.786
9/13/2015 2:15	322200.001	0.543	21.851	6.79
9/13/2015 2:30	323100.001	0.541	21.842	6.793
9/13/2015 2:45	324000.001	0.541	21.85	6.793
9/13/2015 3:00	324900.001	0.541	21.847	6.794
9/13/2015 3:15	325800.001	0.544	21.854	6.788
9/13/2015 3:30	326700.001	0.543	21.831	6.789
9/13/2015 3:45	327600.001	0.543	21.851	6.789
9/13/2015 4:00	328500.001	0.543	21.847	6.789
9/13/2015 4:15	329400.001	0.542	21.848	6.791
9/13/2015 4:30	330300.001	0.543	21.817	6.791
9/13/2015 4:45	331200.001	0.541	21.811	6.794
9/13/2015 5:00	332100.001	0.545	21.847	6.785
9/13/2015 5:15	333000.001	0.542	21.838	6.792
9/13/2015 5:30	333900.001	0.542	21.834	6.792
9/13/2015 5:45	334800.001	0.543	21.837	6.79
9/13/2015 6:00	335700.001	0.545	21.83	6.786
9/13/2015 6:15	336600.001	0.541	21.828	6.794
9/13/2015 6:30	337500.001	0.543	21.859	6.789
9/13/2015 6:45	338400.001	0.542	21.842	6.792
9/13/2015 7:00	339300.001	0.544	21.829	6.788
9/13/2015 7:15	340200.001	0.543	21.818	6.789
9/13/2015 7:30	341100.001	0.542	21.825	6.792

Date and Time	Seconds	Pressure (PSI)	Temperature (C)	Level Depth To Water (ft)
9/13/2015 7:45	342000.001	0.542	21.821	6.793
9/13/2015 8:00	342900.001	0.542	21.819	6.792
9/13/2015 8:15	343800.001	0.543	21.828	6.791
9/13/2015 8:30	344700.001	0.545	21.798	6.784
9/13/2015 8:45	345600.001	0.542	21.811	6.793
9/13/2015 9:00	346500.001	0.541	21.806	6.795
9/13/2015 9:15	347400.001	0.544	21.814	6.788
9/13/2015 9:30	348300.001	0.543	21.824	6.79
9/13/2015 9:45	349200.001	0.543	21.811	6.791
9/13/2015 10:00	350100.001	0.542	21.804	6.791
9/13/2015 10:15	351000.001	0.544	21.807	6.787
9/13/2015 10:30	351900.001	0.543	21.804	6.79
9/13/2015 10:45	352800.001	0.544	21.809	6.787
9/13/2015 11:00	353700.001	0.543	21.791	6.79
9/13/2015 11:15	354600.001	0.543	21.812	6.791
9/13/2015 11:30	355500.001	0.543	21.79	6.79
9/13/2015 11:45	356400.001	0.544	21.78	6.787
9/13/2015 12:00	357300.001	0.544	21.808	6.788
9/13/2015 12:15	358200.001	0.542	21.798	6.793
9/13/2015 12:30	359100.001	0.543	21.785	6.79
9/13/2015 12:45	360000.001	0.542	21.772	6.792
9/13/2015 13:00	360900.001	0.544	21.788	6.787
9/13/2015 13:15	361800.001	0.542	21.783	6.791
9/13/2015 13:30	362700.001	0.544	21.785	6.788
9/13/2015 13:45	363600.001	0.543	21.796	6.791
9/13/2015 14:00	364500.001	0.543	21.76	6.789
9/13/2015 14:15	365400.001	0.542	21.764	6.793
9/13/2015 14:30	366300.001	0.543	21.762	6.789
9/13/2015 14:45	367200.001	0.543	21.763	6.79
9/13/2015 15:00	368100.001	0.543	21.773	6.789
9/13/2015 15:15	369000.001	0.542	21.777	6.791
9/13/2015 15:30	369900.001	0.543	21.747	6.79
9/13/2015 15:45	370800.001	0.543	21.78	6.79
9/13/2015 16:00	371700.001	0.543	21.742	6.789
9/13/2015 16:15	372600.001	0.542	21.766	6.793
9/13/2015 16:30	373500.001	0.545	21.756	6.785
9/13/2015 16:45	374400.001	0.542	21.746	6.792
9/13/2015 17:00	375300.001	0.544	21.745	6.788
9/13/2015 17:15	376200.001	0.544	21.752	6.787
9/13/2015 17:30	377100.001	0.544	21.752	6.788
9/13/2015 17:45	378000.001	0.542	21.746	6.791
9/13/2015 18:00	378900.001	0.542	21.727	6.792
9/13/2015 18:15	379800.001	0.541	21.74	6.795
9/13/2015 18:30	380700.001	0.545	21.741	6.785
9/13/2015 18:45	381600.001	0.543	21.717	6.789

Date and Time	Seconds	Pressure (PSI)	Temperature (C)	Level Depth To Water (ft)
9/13/2015 19:00	382500.001	0.544	21.724	6.788
9/13/2015 19:15	383400.001	0.543	21.747	6.789
9/13/2015 19:30	384300.001	0.544	21.718	6.788
9/13/2015 19:45	385200.001	0.544	21.724	6.788
9/13/2015 20:00	386100.001	0.544	21.719	6.786
9/13/2015 20:15	387000.001	0.544	21.71	6.787
9/13/2015 20:30	387900.001	0.544	21.701	6.787
9/13/2015 20:45	388800.001	0.543	21.714	6.79
9/13/2015 21:00	389700.001	0.543	21.747	6.79
9/13/2015 21:15	390600.001	0.545	21.708	6.786
9/13/2015 21:30	391500.001	0.544	21.709	6.786
9/13/2015 21:45	392400.001	0.543	21.696	6.789
9/13/2015 22:00	393300.001	0.541	21.693	6.795
9/13/2015 22:15	394200.001	0.543	21.695	6.789
9/13/2015 22:30	395100.001	0.542	21.706	6.792
9/13/2015 22:45	396000.001	0.541	21.704	6.793
9/13/2015 23:00	396900.001	0.543	21.742	6.789
9/13/2015 23:15	397800.001	0.543	21.702	6.789
9/13/2015 23:30	398700.001	0.543	21.697	6.79
9/13/2015 23:45	399600.001	0.545	21.699	6.786
9/14/2015 0:00	400500.001	0.542	21.678	6.792
9/14/2015 0:15	401400.001	0.544	21.7	6.788
9/14/2015 0:30	402300.001	0.545	21.692	6.785
9/14/2015 0:45	403200.001	0.545	21.696	6.786
9/14/2015 1:00	404100.001	0.544	21.698	6.788
9/14/2015 1:15	405000.001	0.542	21.684	6.793
9/14/2015 1:30	405900.001	0.543	21.69	6.79
9/14/2015 1:45	406800.001	0.545	21.668	6.786
9/14/2015 2:00	407700.001	0.544	21.705	6.788
9/14/2015 2:15	408600.001	0.544	21.677	6.787
9/14/2015 2:30	409500.001	0.545	21.688	6.785
9/14/2015 2:45	410400.001	0.543	21.698	6.788
9/14/2015 3:00	411300.001	0.543	21.68	6.79
9/14/2015 3:15	412200.001	0.541	21.691	6.795
9/14/2015 3:30	413100.001	0.545	21.686	6.786
9/14/2015 3:45	414000.001	0.544	21.699	6.788
9/14/2015 4:00	414900.001	0.544	21.709	6.788
9/14/2015 4:15	415800.001	0.543	21.68	6.791
9/14/2015 4:30	416700.001	0.542	21.681	6.792
9/14/2015 4:45	417600.001	0.545	21.686	6.785
9/14/2015 5:00	418500.001	0.544	21.678	6.788
9/14/2015 5:15	419400.001	0.544	21.678	6.788
9/14/2015 5:30	420300.001	0.542	21.693	6.791
9/14/2015 5:45	421200.001	0.543	21.69	6.79
9/14/2015 6:00	422100.001	0.543	21.665	6.79

Date and Time	Seconds	Pressure (PSI)	Temperature (C)	Level Depth To Water (ft)
9/14/2015 6:15	423000.001	0.543	21.668	6.79
9/14/2015 6:30	423900.001	0.541	21.681	6.795
9/14/2015 6:45	424800.001	0.544	21.672	6.788
9/14/2015 7:00	425700.001	0.544	21.665	6.787
9/14/2015 7:15	426600.001	0.544	21.688	6.787
9/14/2015 7:30	427500.001	0.542	21.664	6.791
9/14/2015 7:45	428400.001	0.542	21.649	6.793
9/14/2015 8:00	429300.001	0.543	21.67	6.791
9/14/2015 8:15	430200.001	0.544	21.667	6.787
9/14/2015 8:30	431100.001	0.542	21.665	6.792
9/14/2015 8:45	432000.001	0.544	21.671	6.787
9/14/2015 9:00	432900.001	0.545	21.668	6.785
9/14/2015 9:15	433800.001	0.542	21.663	6.791
9/14/2015 9:30	434700.001	0.544	21.681	6.787
9/14/2015 9:45	435600.001	0.542	21.663	6.793
9/14/2015 10:00	436500.001	0.543	21.692	6.79
9/14/2015 10:15	437400.001	0.545	21.672	6.785
9/14/2015 10:30	438300.001	0.542	21.677	6.792
9/14/2015 10:45	439200.001	0.543	21.671	6.789
9/14/2015 11:00	440100.001	0.543	21.647	6.789
9/14/2015 11:15	441000.001	0.543	21.669	6.789
9/14/2015 11:30	441900.001	0.544	21.663	6.788
9/14/2015 11:45	442800.001	0.544	21.656	6.788
9/14/2015 12:00	443700.001	0.542	21.655	6.791
9/14/2015 12:15	444600.001	0.543	21.668	6.79
9/14/2015 12:30	445500.001	0.544	21.655	6.788
9/14/2015 12:45	446400.001	0.542	21.65	6.792
9/14/2015 13:00	447300.001	0.544	21.673	6.787
9/14/2015 13:15	448200.001	0.544	21.683	6.787
9/14/2015 13:30	449100.001	0.544	21.671	6.786
9/14/2015 13:45	450000.001	0.545	21.682	6.785
9/14/2015 14:00	450900.001	0.545	21.669	6.784
9/14/2015 14:15	451800.001	0.544	21.632	6.788
9/14/2015 14:30	452700.001	0.543	21.668	6.79
9/14/2015 14:45	453600.001	0.54	21.651	6.796
9/14/2015 15:00	454500.001	0.544	21.633	6.788
9/14/2015 15:15	455400.001	0.544	21.668	6.787
9/14/2015 15:30	456300.001	0.542	21.647	6.792
9/14/2015 15:45	457200.001	0.544	21.655	6.788
9/14/2015 16:00	458100.001	0.541	21.663	6.794
9/14/2015 16:15	459000.001	0.543	21.642	6.79
9/14/2015 16:30	459900.001	0.544	21.65	6.786
9/14/2015 16:45	460800.001	0.543	21.65	6.79
9/14/2015 17:00	461700.001	0.542	21.655	6.792
9/14/2015 17:15	462600.001	0.544	21.644	6.788

Date and Time	Seconds	Pressure (PSI)	Temperature (C)	Level Depth To Water (ft)
9/14/2015 17:30	463500.001	0.543	21.645	6.789
9/14/2015 17:45	464400.001	0.546	21.618	6.784
9/14/2015 18:00	465300.001	0.545	21.642	6.784
9/14/2015 18:15	466200.001	0.542	21.641	6.791
9/14/2015 18:30	467100.001	0.544	21.643	6.787
9/14/2015 18:45	468000.001	0.543	21.634	6.789
9/14/2015 19:00	468900.001	0.544	21.641	6.788
9/14/2015 19:15	469800.001	0.542	21.629	6.793
9/14/2015 19:30	470700.001	0.544	21.645	6.788
9/14/2015 19:45	471600.001	0.544	21.65	6.787
9/14/2015 20:00	472500.001	0.542	21.65	6.791
9/14/2015 20:15	473400.001	0.543	21.632	6.791
9/14/2015 20:30	474300.001	0.544	21.632	6.787
9/14/2015 20:45	475200.001	0.544	21.599	6.788
9/14/2015 21:00	476100.001	0.543	21.638	6.789
9/14/2015 21:15	477000.001	0.542	21.618	6.792
9/14/2015 21:30	477900.001	0.542	21.629	6.791
9/14/2015 21:45	478800.001	0.543	21.614	6.79
9/14/2015 22:00	479700.001	0.543	21.636	6.789
9/14/2015 22:15	480600.001	0.544	21.626	6.787
9/14/2015 22:30	481500.001	0.544	21.622	6.788
9/14/2015 22:45	482400.001	0.543	21.632	6.79
9/14/2015 23:00	483300.001	0.544	21.601	6.788
9/14/2015 23:15	484200.001	0.544	21.625	6.788
9/14/2015 23:30	485100.001	0.544	21.645	6.788
9/14/2015 23:45	486000.001	0.544	21.624	6.788
9/15/2015 0:00	486900.001	0.544	21.614	6.787
9/15/2015 0:15	487800.001	0.542	21.627	6.791
9/15/2015 0:30	488700.001	0.543	21.614	6.79
9/15/2015 0:45	489600.001	0.544	21.619	6.787
9/15/2015 1:00	490500.001	0.543	21.63	6.79
9/15/2015 1:15	491400.001	0.542	21.611	6.792
9/15/2015 1:30	492300.001	0.544	21.619	6.788
9/15/2015 1:45	493200.001	0.541	21.6	6.793
9/15/2015 2:00	494100.001	0.541	21.61	6.794
9/15/2015 2:15	495000.001	0.544	21.653	6.787
9/15/2015 2:30	495900.001	0.543	21.612	6.79
9/15/2015 2:45	496800.001	0.544	21.608	6.787
9/15/2015 3:00	497700.001	0.544	21.626	6.786
9/15/2015 3:15	498600.001	0.544	21.647	6.787
9/15/2015 3:30	499500.001	0.542	21.617	6.791
9/15/2015 3:45	500400.001	0.543	21.61	6.789
9/15/2015 4:00	501300.001	0.542	21.627	6.792
9/15/2015 4:15	502200.001	0.544	21.639	6.788
9/15/2015 4:30	503100.001	0.543	21.599	6.789

Date and Time	Seconds	Pressure (PSI)	Temperature (C)	Level Depth To Water (ft)
9/15/2015 4:45	504000.001	0.545	21.618	6.785
9/15/2015 5:00	504900.001	0.544	21.611	6.787
9/15/2015 5:15	505800.001	0.544	21.607	6.787
9/15/2015 5:30	506700.001	0.544	21.637	6.788
9/15/2015 5:45	507600.001	0.542	21.616	6.792
9/15/2015 6:00	508500.001	0.543	21.602	6.789
9/15/2015 6:15	509400.001	0.543	21.607	6.79
9/15/2015 6:30	510300.001	0.542	21.616	6.793
9/15/2015 6:45	511200.001	0.543	21.619	6.79
9/15/2015 7:00	512100.001	0.544	21.604	6.787
9/15/2015 7:15	513000.001	0.543	21.599	6.789
9/15/2015 7:30	513900.001	0.544	21.627	6.787
9/15/2015 7:45	514800.001	0.543	21.63	6.789
9/15/2015 8:00	515700.001	0.545	21.614	6.786
9/15/2015 8:15	516600.001	0.543	21.61	6.789
9/15/2015 8:30	517500.001	0.542	21.609	6.791
9/15/2015 8:45	518400.001	0.543	21.621	6.79
9/15/2015 9:00	519300.001	0.543	21.611	6.79
9/15/2015 9:15	520200.001	0.545	21.614	6.785
9/15/2015 9:30	521100.001	0.544	21.617	6.788
9/15/2015 9:45	522000.001	0.545	21.609	6.786
9/15/2015 10:00	522900.001	0.542	21.634	6.793
9/15/2015 10:15	523800.001	0.543	21.622	6.79
9/15/2015 10:30	524700.001	0.542	21.591	6.793
9/15/2015 10:45	525600.001	0.545	21.61	6.785
9/15/2015 11:00	526500.001	0.543	21.615	6.79
9/15/2015 11:15	527400.001	0.544	21.6	6.786
9/15/2015 11:30	528300.001	0.543	21.619	6.791
9/15/2015 11:45	529200.001	0.543	21.609	6.789
9/15/2015 12:00	530100.001	0.542	21.617	6.792
9/15/2015 12:15	531000.001	0.543	21.578	6.789
9/15/2015 12:30	531900.001	0.546	21.617	6.784
9/15/2015 12:45	532800.001	0.544	21.599	6.786
9/15/2015 13:00	533700.001	0.544	21.588	6.787
9/15/2015 13:15	534600.001	0.543	21.603	6.79
9/15/2015 13:30	535500.001	0.544	21.596	6.787
9/15/2015 13:45	536400.001	0.543	21.603	6.788
9/15/2015 14:00	537300.001	0.542	21.595	6.792
9/15/2015 14:15	538200.001	0.544	21.594	6.787
9/15/2015 14:30	539100.001	0.543	21.588	6.79
9/15/2015 14:45	540000.001	0.544	21.587	6.788
9/15/2015 15:00	540900.001	0.542	21.596	6.793
9/15/2015 15:15	541800.001	0.545	21.595	6.786
9/15/2015 15:30	542700.001	0.541	21.592	6.794
9/15/2015 15:45	543600.001	0.543	21.602	6.79

Date and Time	Seconds	Pressure (PSI)	Temperature (C)	Level Depth To Water (ft)
9/15/2015 16:00	544500.001	0.542	21.589	6.793
9/15/2015 16:15	545400.001	0.543	21.587	6.79
9/15/2015 16:30	546300.001	0.543	21.608	6.789
9/15/2015 16:45	547200.001	0.543	21.606	6.789
9/15/2015 17:00	548100.001	0.544	21.573	6.788
9/15/2015 17:15	549000.001	0.543	21.586	6.79
9/15/2015 17:30	549900.001	0.543	21.589	6.789
9/15/2015 17:45	550800.001	0.547	21.598	6.781
9/15/2015 18:00	551700.001	0.543	21.581	6.788
9/15/2015 18:15	552600.001	0.544	21.582	6.787
9/15/2015 18:30	553500.001	0.544	21.594	6.788
9/15/2015 18:45	554400.001	0.543	21.568	6.791
9/15/2015 19:00	555300.001	0.544	21.592	6.787
9/15/2015 19:15	556200.001	0.543	21.589	6.791
9/15/2015 19:30	557100.001	0.543	21.597	6.789
9/15/2015 19:45	558000.001	0.545	21.607	6.785
9/15/2015 20:00	558900.001	0.543	21.574	6.79
9/15/2015 20:15	559800.001	0.544	21.581	6.788
9/15/2015 20:30	560700.001	0.541	21.586	6.795
9/15/2015 20:45	561600.001	0.544	21.584	6.787
9/15/2015 21:00	562500.001	0.543	21.591	6.79
9/15/2015 21:15	563400.001	0.544	21.577	6.786
9/15/2015 21:30	564300.001	0.54	21.569	6.795
9/15/2015 21:45	565200.001	0.543	21.596	6.789
9/15/2015 22:00	566100.001	0.543	21.582	6.789
9/15/2015 22:15	567000.001	0.545	21.588	6.785
9/15/2015 22:30	567900.001	0.543	21.604	6.79
9/15/2015 22:45	568800.001	0.544	21.578	6.788
9/15/2015 23:00	569700.001	0.543	21.59	6.791
9/15/2015 23:15	570600.001	0.542	21.588	6.791
9/15/2015 23:30	571500.001	0.544	21.578	6.788
9/15/2015 23:45	572400.001	0.544	21.584	6.787
9/16/2015 0:00	573300.001	0.543	21.586	6.789
9/16/2015 0:15	574200.001	0.545	21.563	6.784
9/16/2015 0:30	575100.001	0.542	21.589	6.792
9/16/2015 0:45	576000.001	0.542	21.573	6.792
9/16/2015 1:00	576900.001	0.544	21.576	6.787
9/16/2015 1:15	577800.001	0.543	21.576	6.791
9/16/2015 1:30	578700.001	0.546	21.557	6.783
9/16/2015 1:45	579600.001	0.545	21.591	6.786
9/16/2015 2:00	580500.001	0.545	21.571	6.786
9/16/2015 2:15	581400.001	0.543	21.591	6.789
9/16/2015 2:30	582300.001	0.543	21.577	6.789
9/16/2015 2:45	583200.001	0.544	21.573	6.787
9/16/2015 3:00	584100.001	0.545	21.572	6.786

Date and Time	Seconds	Pressure (PSI)	Temperature (C)	Level Depth To Water (ft)
9/16/2015 3:15	585000.001	0.546	21.569	6.783
9/16/2015 3:30	585900.001	0.543	21.584	6.789
9/16/2015 3:45	586800.001	0.543	21.596	6.79
9/16/2015 4:00	587700.001	0.543	21.561	6.79
9/16/2015 4:15	588600.001	0.544	21.581	6.788
9/16/2015 4:30	589500.001	0.544	21.571	6.788
9/16/2015 4:45	590400.001	0.544	21.572	6.788
9/16/2015 5:00	591300.001	0.543	21.56	6.79
9/16/2015 5:15	592200.001	0.543	21.568	6.79
9/16/2015 5:30	593100.001	0.545	21.595	6.785
9/16/2015 5:45	594000.001	0.544	21.576	6.788
9/16/2015 6:00	594900.001	0.543	21.578	6.788
9/16/2015 6:15	595800.001	0.544	21.555	6.788
9/16/2015 6:30	596700.001	0.544	21.581	6.788
9/16/2015 6:45	597600.001	0.544	21.576	6.787
9/16/2015 7:00	598500.001	0.543	21.584	6.789
9/16/2015 7:15	599400.001	0.545	21.571	6.786
9/16/2015 7:30	600300.001	0.542	21.524	6.791
9/16/2015 7:45	601200.001	0.544	21.563	6.788
9/16/2015 8:00	602100.001	0.543	21.589	6.79
9/16/2015 8:15	603000.001	0.544	21.563	6.788
9/16/2015 8:30	603900.001	0.544	21.584	6.788
9/16/2015 8:45	604800.001	0.545	21.577	6.786
9/16/2015 9:00	605700.001	0.544	21.584	6.788
9/16/2015 9:15	606600.001	0.543	21.584	6.789
9/16/2015 9:30	607500.001	0.546	21.557	6.783
9/16/2015 9:45	608400.001	0.543	21.576	6.791
9/16/2015 10:00	609300.001	0.542	21.546	6.793
9/16/2015 10:15	610200.001	0.544	21.581	6.788
9/16/2015 10:30	611100.001	0.544	21.592	6.787
9/16/2015 10:45	612000.001	0.541	21.568	6.793
9/16/2015 11:00	612900.001	0.544	21.57	6.786
9/16/2015 11:15	613800.001	0.542	21.549	6.791
9/16/2015 11:30	614700.001	0.543	21.568	6.79
9/16/2015 11:45	615600.001	0.544	21.565	6.788
9/16/2015 12:00	616500.001	0.542	21.581	6.792
9/16/2015 12:15	617400.001	0.542	21.563	6.791
9/16/2015 12:30	618300.001	0.542	21.586	6.792
9/16/2015 12:45	619200.001	0.544	21.578	6.788
9/16/2015 13:00	620100.001	0.543	21.578	6.789
9/16/2015 13:15	621000.001	0.542	21.569	6.791
9/16/2015 13:30	621900.001	0.545	21.586	6.786
9/16/2015 13:45	622800.001	0.544	21.572	6.788
9/16/2015 14:00	623700.001	0.545	21.584	6.786
9/16/2015 14:15	624600.001	0.544	21.582	6.787

Date and Time	Seconds	Pressure (PSI)	Temperature (C)	Level Depth To Water (ft)
9/16/2015 14:30	625500.001	0.543	21.587	6.789
9/16/2015 14:45	626400.001	0.544	21.553	6.786
9/16/2015 15:00	627300.001	0.542	21.562	6.791
9/16/2015 15:15	628200.001	0.543	21.566	6.789
9/16/2015 15:30	629100.001	0.542	21.576	6.791
9/16/2015 15:45	630000.001	0.545	21.591	6.786
9/16/2015 16:00	630900.001	0.545	21.569	6.784
9/16/2015 16:15	631800.001	0.544	21.568	6.786
9/16/2015 16:30	632700.001	0.543	21.563	6.789
9/16/2015 16:45	633600.001	0.543	21.577	6.789
9/16/2015 17:00	634500.001	0.544	21.597	6.787
9/16/2015 17:15	635400.001	0.544	21.576	6.786
9/16/2015 17:30	636300.001	0.543	21.546	6.79
9/16/2015 17:45	637200.001	0.542	21.578	6.792
9/16/2015 18:00	638100.001	0.542	21.559	6.793
9/16/2015 18:15	639000.001	0.544	21.57	6.786
9/16/2015 18:30	639900.001	0.543	21.572	6.789
9/16/2015 18:45	640800.001	0.543	21.547	6.789
9/16/2015 19:00	641700.001	0.543	21.578	6.789
9/16/2015 19:15	642600.001	0.542	21.549	6.792
9/16/2015 19:30	643500.001	0.542	21.562	6.792
9/16/2015 19:45	644400.001	0.544	21.565	6.788
9/16/2015 20:00	645300.001	0.544	21.556	6.788
9/16/2015 20:15	646200.001	0.544	21.575	6.787
9/16/2015 20:30	647100.001	0.542	21.541	6.791
9/16/2015 20:45	648000.001	0.545	21.555	6.785
9/16/2015 21:00	648900.001	0.544	21.551	6.786
9/16/2015 21:15	649800.001	0.543	21.557	6.791
9/16/2015 21:30	650700.001	0.544	21.558	6.788
9/16/2015 21:45	651600.001	0.543	21.57	6.791
9/16/2015 22:00	652500.001	0.544	21.557	6.787
9/16/2015 22:15	653400.001	0.543	21.577	6.789
9/16/2015 22:30	654300.001	0.546	21.554	6.784
9/16/2015 22:45	655200.001	0.544	21.558	6.787
9/16/2015 23:00	656100.001	0.544	21.546	6.788
9/16/2015 23:15	657000.001	0.545	21.55	6.785
9/16/2015 23:30	657900.001	0.545	21.566	6.784
9/16/2015 23:45	658800.001	0.544	21.54	6.787
9/17/2015 0:00	659700.001	0.544	21.563	6.787
9/17/2015 0:15	660600.001	0.544	21.555	6.787
9/17/2015 0:30	661500.001	0.544	21.559	6.788
9/17/2015 0:45	662400.001	0.544	21.579	6.788
9/17/2015 1:00	663300.001	0.544	21.541	6.787
9/17/2015 1:15	664200.001	0.542	21.561	6.792
9/17/2015 1:30	665100.001	0.545	21.546	6.786

Date and Time	Seconds	Pressure (PSI)	Temperature (C)	Level Depth To Water (ft)
9/17/2015 1:45	666000.001	0.543	21.559	6.789
9/17/2015 2:00	666900.001	0.543	21.548	6.79
9/17/2015 2:15	667800.001	0.546	21.552	6.784
9/17/2015 2:30	668700.001	0.544	21.553	6.788
9/17/2015 2:45	669600.001	0.544	21.558	6.788
9/17/2015 3:00	670500.001	0.545	21.565	6.785
9/17/2015 3:15	671400.001	0.543	21.555	6.789
9/17/2015 3:30	672300.001	0.542	21.569	6.791
9/17/2015 3:45	673200.001	0.542	21.564	6.792
9/17/2015 4:00	674100.001	0.542	21.552	6.792
9/17/2015 4:15	675000.001	0.544	21.573	6.788
9/17/2015 4:30	675900.001	0.544	21.564	6.788
9/17/2015 4:45	676800.001	0.544	21.559	6.788
9/17/2015 5:00	677700.001	0.544	21.558	6.786
9/17/2015 5:15	678600.001	0.542	21.564	6.791
9/17/2015 5:30	679500.001	0.544	21.556	6.787
9/17/2015 5:45	680400.001	0.544	21.55	6.788
9/17/2015 6:00	681300.001	0.543	21.535	6.789
9/17/2015 6:15	682200.001	0.544	21.548	6.788
9/17/2015 6:30	683100.001	0.545	21.555	6.784
9/17/2015 6:45	684000.001	0.546	21.562	6.783
9/17/2015 7:00	684900.001	0.543	21.582	6.79
9/17/2015 7:15	685800.001	0.544	21.561	6.788
9/17/2015 7:30	686700.001	0.545	21.572	6.784
9/17/2015 7:45	687600.001	0.546	21.555	6.782
9/17/2015 8:00	688500.001	0.544	21.549	6.788
9/17/2015 8:15	689400.001	0.543	21.549	6.788
9/17/2015 8:30	690300.001	0.543	21.548	6.789
9/17/2015 8:45	691200.001	0.541	21.564	6.794
9/17/2015 9:00	692100.001	0.544	21.543	6.787
9/17/2015 9:15	693000.001	0.543	21.554	6.789
9/17/2015 9:30	693900.001	0.545	21.558	6.786
9/17/2015 9:45	694800.001	0.546	21.554	6.782
9/17/2015 10:00	695700.001	0.543	21.566	6.79
9/17/2015 10:15	696600.001	0.545	21.568	6.786
9/17/2015 10:30	697500.001	0.543	21.553	6.789
9/17/2015 10:45	698400.001	0.545	21.581	6.784
9/17/2015 11:00	699300.001	0.544	21.562	6.787
9/17/2015 11:15	700200.001	0.543	21.548	6.789
9/17/2015 11:30	701100.001	0.543	21.551	6.79
9/17/2015 11:45	702000.001	0.544	21.546	6.788
9/17/2015 12:00	702900.001	0.545	21.57	6.784
9/17/2015 12:15	703800.001	0.545	21.571	6.786
9/17/2015 12:30	704700.001	0.544	21.552	6.787
9/17/2015 12:45	705600.001	0.543	21.545	6.79

Date and Time	Seconds	Pressure (PSI)	Temperature (C)	Level Depth To Water (ft)
9/17/2015 13:00	706500.001	0.543	21.567	6.789
9/17/2015 13:15	707400.001	0.543	21.545	6.788
9/17/2015 13:30	708300.001	0.543	21.556	6.79
9/17/2015 13:45	709200.001	0.545	21.553	6.786
9/17/2015 14:00	710100.001	0.543	21.553	6.789
9/17/2015 14:15	711000.001	0.544	21.545	6.786
9/17/2015 14:30	711900.001	0.545	21.565	6.785
9/17/2015 14:45	712800.001	0.544	21.555	6.788
9/17/2015 15:00	713700.001	0.542	21.537	6.791
9/17/2015 15:15	714600.001	0.545	21.555	6.785
9/17/2015 15:30	715500.001	0.544	21.551	6.787
9/17/2015 15:45	716400.001	0.544	21.538	6.787
9/17/2015 16:00	717300.001	0.544	21.552	6.788
9/17/2015 16:15	718200.001	0.542	21.553	6.791
9/17/2015 16:30	719100.001	0.543	21.537	6.789
9/17/2015 16:45	720000.001	0.544	21.534	6.786
9/17/2015 17:00	720900.001	0.544	21.555	6.788
9/17/2015 17:15	721800.001	0.544	21.529	6.788
9/17/2015 17:30	722700.001	0.545	21.55	6.785
9/17/2015 17:45	723600.001	0.544	21.558	6.787
9/17/2015 18:00	724500.001	0.542	21.578	6.793
9/17/2015 18:15	725400.001	0.543	21.564	6.789
9/17/2015 18:30	726300.001	0.545	21.562	6.784
9/17/2015 18:45	727200.001	0.545	21.555	6.784
9/17/2015 19:00	728100.001	0.545	21.549	6.784
9/17/2015 19:15	729000.001	0.544	21.538	6.787
9/17/2015 19:30	729900.001	0.544	21.538	6.787
9/17/2015 19:45	730800.001	0.544	21.568	6.787
9/17/2015 20:00	731700.001	0.546	21.565	6.783
9/17/2015 20:15	732600.001	0.543	21.562	6.789
9/17/2015 20:30	733500.001	0.543	21.541	6.79
9/17/2015 20:45	734400.001	0.544	21.536	6.787
9/17/2015 21:00	735300.001	0.544	21.552	6.786
9/17/2015 21:15	736200.001	0.543	21.553	6.789
9/17/2015 21:30	737100.001	0.545	21.542	6.785
9/17/2015 21:45	738000.001	0.543	21.569	6.79
9/17/2015 22:00	738900.001	0.544	21.545	6.788
9/17/2015 22:15	739800.001	0.544	21.542	6.787
9/17/2015 22:30	740700.001	0.545	21.559	6.784
9/17/2015 22:45	741600.001	0.543	21.538	6.79
9/17/2015 23:00	742500.001	0.543	21.538	6.789
9/17/2015 23:15	743400.001	0.544	21.548	6.787
9/17/2015 23:30	744300.001	0.543	21.531	6.789
9/17/2015 23:45	745200.001	0.544	21.53	6.787
9/18/2015 0:00	746100.001	0.545	21.55	6.786

Date and Time	Seconds	Pressure (PSI)	Temperature (C)	Level Depth To Water (ft)
9/18/2015 0:15	747000.001	0.543	21.538	6.79
9/18/2015 0:30	747900.001	0.543	21.558	6.79
9/18/2015 0:45	748800.001	0.544	21.564	6.788
9/18/2015 1:00	749700.001	0.543	21.556	6.789
9/18/2015 1:15	750600.001	0.544	21.54	6.787
9/18/2015 1:30	751500.001	0.542	21.556	6.791
9/18/2015 1:45	752400.001	0.545	21.578	6.785
9/18/2015 2:00	753300.001	0.544	21.544	6.788
9/18/2015 2:15	754200.001	0.545	21.547	6.785
9/18/2015 2:30	755100.001	0.545	21.555	6.786
9/18/2015 2:45	756000.001	0.544	21.558	6.786
9/18/2015 3:00	756900.001	0.544	21.549	6.787
9/18/2015 3:15	757800.001	0.545	21.536	6.785
9/18/2015 3:30	758700.001	0.544	21.576	6.787
9/18/2015 3:45	759600.001	0.543	21.557	6.789
9/18/2015 4:00	760500.001	0.542	21.563	6.791
9/18/2015 4:15	761400.001	0.544	21.566	6.786
9/18/2015 4:30	762300.001	0.544	21.561	6.787
9/18/2015 4:45	763200.001	0.544	21.557	6.787
9/18/2015 5:00	764100.001	0.543	21.56	6.791
9/18/2015 5:15	765000.001	0.543	21.555	6.791
9/18/2015 5:30	765900.001	0.545	21.535	6.785
9/18/2015 5:45	766800.001	0.543	21.553	6.791
9/18/2015 6:00	767700.001	0.544	21.539	6.788
9/18/2015 6:15	768600.001	0.543	21.555	6.789
9/18/2015 6:30	769500.001	0.544	21.545	6.787
9/18/2015 6:45	770400.001	0.544	21.55	6.787
9/18/2015 7:00	771300.001	0.544	21.541	6.787
9/18/2015 7:15	772200.001	0.545	21.548	6.785
9/18/2015 7:30	773100.001	0.542	21.546	6.791
9/18/2015 7:45	774000.001	0.544	21.545	6.788
9/18/2015 8:00	774900.001	0.544	21.543	6.788
9/18/2015 8:15	775800.001	0.544	21.572	6.787
9/18/2015 8:30	776700.001	0.543	21.548	6.79
9/18/2015 8:45	777600.001	0.543	21.561	6.79
9/18/2015 9:00	778500.001	0.547	21.572	6.78
9/18/2015 9:15	779400.001	0.544	21.563	6.787
9/18/2015 9:30	780300.001	0.544	21.546	6.787
9/18/2015 9:45	781200.001	0.544	21.559	6.787
9/18/2015 10:00	782100.001	0.545	21.554	6.785
9/18/2015 10:15	783000.001	0.547	21.558	6.779
9/18/2015 10:30	783900.001	0.547	21.552	6.78
9/18/2015 10:45	784800.001	0.546	21.522	6.783
9/18/2015 11:00	785700.001	0.544	21.544	6.788
9/18/2015 11:15	786600.001	0.546	21.562	6.782

Date and Time	Seconds	Pressure (PSI)	Temperature (C)	Level Depth To Water (ft)
9/18/2015 11:30	787500.001	0.546	21.556	6.783
9/18/2015 11:45	788400.001	0.546	21.571	6.784
9/18/2015 12:00	789300.001	0.545	21.557	6.786
9/18/2015 12:15	790200.001	0.546	21.55	6.783
9/18/2015 12:30	791100.001	0.545	21.556	6.785
9/18/2015 12:45	792000.001	0.544	21.563	6.787
9/18/2015 13:00	792900.001	0.547	21.568	6.781
9/18/2015 13:15	793800.001	0.544	21.547	6.788
9/18/2015 13:30	794700.001	0.546	21.561	6.782
9/18/2015 13:45	795600.001	0.545	21.57	6.786
9/18/2015 14:00	796500.001	0.546	21.556	6.782
9/18/2015 14:15	797400.001	0.546	21.568	6.782
9/18/2015 14:30	798300.001	0.545	21.568	6.785
9/18/2015 14:45	799200.001	0.545	21.557	6.784
9/18/2015 15:00	800100.001	0.545	21.566	6.786
9/18/2015 15:15	801000.001	0.545	21.574	6.786
9/18/2015 15:30	801900.001	0.547	21.545	6.78
9/18/2015 15:45	802800.001	0.545	21.565	6.784
9/18/2015 16:00	803700.001	0.544	21.539	6.786
9/18/2015 16:15	804600.001	0.545	21.581	6.785
9/18/2015 16:30	805500.001	0.546	21.536	6.782
9/18/2015 16:45	806400.001	0.545	21.569	6.785
9/18/2015 17:00	807300.001	0.546	21.567	6.783
9/18/2015 17:15	808200.001	0.546	21.548	6.783
9/18/2015 17:30	809100.001	0.545	21.54	6.784
9/18/2015 17:45	810000.001	0.545	21.556	6.786
9/18/2015 18:00	810900.001	0.544	21.56	6.788
9/18/2015 18:15	811800.001	0.546	21.548	6.783
9/18/2015 18:30	812700.001	0.546	21.54	6.783
9/18/2015 18:45	813600.001	0.545	21.553	6.784
9/18/2015 19:00	814500.001	0.546	21.576	6.783
9/18/2015 19:15	815400.001	0.545	21.552	6.784
9/18/2015 19:30	816300.001	0.545	21.561	6.785
9/18/2015 19:45	817200.001	0.545	21.563	6.786
9/18/2015 20:00	818100.001	0.545	21.58	6.784
9/18/2015 20:15	819000.001	0.545	21.566	6.785
9/18/2015 20:30	819900.001	0.546	21.573	6.783
9/18/2015 20:45	820800.001	0.545	21.555	6.784
9/18/2015 21:00	821700.001	0.545	21.566	6.784
9/18/2015 21:15	822600.001	0.546	21.554	6.782
9/18/2015 21:30	823500.001	0.546	21.539	6.782
9/18/2015 21:45	824400.001	0.546	21.556	6.782
9/18/2015 22:00	825300.001	0.546	21.569	6.783
9/18/2015 22:15	826200.001	0.544	21.541	6.787
9/18/2015 22:30	827100.001	0.547	21.548	6.781

Date and Time	Seconds	Pressure (PSI)	Temperature (C)	Level Depth To Water (ft)
9/18/2015 22:45	828000.001	0.544	21.568	6.786
9/18/2015 23:00	828900.001	0.543	21.549	6.789
9/18/2015 23:15	829800.001	0.545	21.561	6.785
9/18/2015 23:30	830700.001	0.544	21.549	6.786
9/18/2015 23:45	831600.001	0.543	21.567	6.789
9/19/2015 0:00	832500.001	0.545	21.57	6.784
9/19/2015 0:15	833400.001	0.547	21.573	6.78
9/19/2015 0:30	834300.001	0.547	21.557	6.781
9/19/2015 0:45	835200.001	0.545	21.556	6.785
9/19/2015 1:00	836100.001	0.546	21.568	6.783
9/19/2015 1:15	837000.001	0.546	21.545	6.782
9/19/2015 1:30	837900.001	0.546	21.558	6.782
9/19/2015 1:45	838800.001	0.546	21.563	6.783
9/19/2015 2:00	839700.001	0.545	21.576	6.785
9/19/2015 2:15	840600.001	0.546	21.576	6.782
9/19/2015 2:30	841500.001	0.547	21.558	6.781
9/19/2015 2:45	842400.001	0.544	21.576	6.787
9/19/2015 3:00	843300.001	0.547	21.578	6.78
9/19/2015 3:15	844200.001	0.546	21.565	6.782
9/19/2015 3:30	845100.001	0.547	21.578	6.781
9/19/2015 3:45	846000.001	0.546	21.545	6.783
9/19/2015 4:00	846900.001	0.547	21.584	6.781
9/19/2015 4:15	847800.001	0.545	21.566	6.786
9/19/2015 4:30	848700.001	0.545	21.591	6.786
9/19/2015 4:45	849600.001	0.544	21.569	6.788
9/19/2015 5:00	850500.001	0.545	21.577	6.786
9/19/2015 5:15	851400.001	0.546	21.555	6.782
9/19/2015 5:30	852300.001	0.545	21.563	6.784
9/19/2015 5:45	853200.001	0.548	21.563	6.779
9/19/2015 6:00	854100.001	0.546	21.557	6.782
9/19/2015 6:15	855000.001	0.547	21.583	6.781
9/19/2015 6:30	855900.001	0.547	21.583	6.781
9/19/2015 6:45	856800.001	0.545	21.57	6.785
9/19/2015 7:00	857700.001	0.546	21.568	6.783
9/19/2015 7:15	858600.001	0.546	21.577	6.783
9/19/2015 7:30	859500.001	0.546	21.563	6.782
9/19/2015 7:45	860400.001	0.548	21.578	6.779
9/19/2015 8:00	861300.001	0.545	21.594	6.784
9/19/2015 8:15	862200.001	0.546	21.578	6.783
9/19/2015 8:30	863100.001	0.545	21.573	6.784
9/19/2015 8:45	864000.001	0.547	21.569	6.78
9/19/2015 9:00	864900.001	0.545	21.589	6.784
9/19/2015 9:15	865800.001	0.545	21.562	6.785
9/19/2015 9:30	866700.001	0.548	21.591	6.778
9/19/2015 9:45	867600.001	0.546	21.583	6.782

Date and Time	Seconds	Pressure (PSI)	Temperature (C)	Level Depth To Water (ft)
9/19/2015 10:00	868500.001	0.547	21.586	6.781
9/19/2015 10:15	869400.001	0.546	21.578	6.783
9/19/2015 10:30	870300.001	0.546	21.573	6.783
9/19/2015 10:45	871200.001	0.547	21.586	6.78
9/19/2015 11:00	872100.001	0.548	21.6	6.779
9/19/2015 11:15	873000.001	0.546	21.607	6.782
9/19/2015 11:30	873900.001	0.546	21.601	6.783
9/19/2015 11:45	874800.001	0.545	21.587	6.784
9/19/2015 12:00	875700.001	0.547	21.583	6.78
9/19/2015 12:15	876600.001	0.547	21.567	6.781
9/19/2015 12:30	877500.001	0.547	21.581	6.78
9/19/2015 12:45	878400.001	0.547	21.595	6.781
9/19/2015 13:00	879300.001	0.547	21.589	6.779
9/19/2015 13:15	880200.001	0.548	21.592	6.779
9/19/2015 13:30	881100.001	0.548	21.591	6.778
9/19/2015 13:45	882000.001	0.547	21.595	6.781
9/19/2015 14:00	882900.001	0.546	21.562	6.783
9/19/2015 14:15	883800.001	0.547	21.573	6.781
9/19/2015 14:30	884700.001	0.546	21.583	6.784
9/19/2015 14:45	885600.001	0.545	21.601	6.784
9/19/2015 15:00	886500.001	0.547	21.589	6.78
9/19/2015 15:15	887400.001	0.545	21.583	6.785
9/19/2015 15:30	888300.001	0.547	21.591	6.781
9/19/2015 15:45	889200.001	0.545	21.576	6.784
9/19/2015 16:00	890100.001	0.546	21.593	6.784
9/19/2015 16:15	891000.001	0.546	21.614	6.784
9/19/2015 16:30	891900.001	0.547	21.607	6.78
9/19/2015 16:45	892800.001	0.548	21.601	6.778
9/19/2015 17:00	893700.001	0.547	21.6	6.782
9/19/2015 17:15	894600.001	0.545	21.607	6.785
9/19/2015 17:30	895500.001	0.545	21.596	6.785
9/19/2015 17:45	896400.001	0.548	21.604	6.778
9/19/2015 18:00	897300.001	0.546	21.603	6.782
9/19/2015 18:15	898200.001	0.546	21.605	6.783
9/19/2015 18:30	899100.001	0.547	21.606	6.779
9/19/2015 18:45	900000.001	0.546	21.584	6.782
9/19/2015 19:00	900900.001	0.545	21.612	6.785
9/19/2015 19:15	901800.001	0.547	21.607	6.781
9/19/2015 19:30	902700.001	0.545	21.604	6.785
9/19/2015 19:45	903600.001	0.547	21.593	6.78
9/19/2015 20:00	904500.001	0.548	21.592	6.778
9/19/2015 20:15	905400.001	0.548	21.578	6.778
9/19/2015 20:30	906300.001	0.547	21.582	6.781
9/19/2015 20:45	907200.001	0.546	21.594	6.782
9/19/2015 21:00	908100.001	0.547	21.587	6.781

Date and Time	Seconds	Pressure (PSI)	Temperature (C)	Level Depth To Water (ft)
9/19/2015 21:15	909000.001	0.547	21.605	6.779
9/19/2015 21:30	909900.001	0.545	21.589	6.784
9/19/2015 21:45	910800.001	0.547	21.6	6.78
9/19/2015 22:00	911700.001	0.548	21.596	6.779
9/19/2015 22:15	912600.001	0.548	21.589	6.779
9/19/2015 22:30	913500.001	0.547	21.584	6.779
9/19/2015 22:45	914400.001	0.545	21.599	6.785
9/19/2015 23:00	915300.001	0.546	21.594	6.783
9/19/2015 23:15	916200.001	0.543	21.612	6.789
9/19/2015 23:30	917100.001	0.546	21.604	6.782
9/19/2015 23:45	918000.001	0.547	21.586	6.78
9/20/2015 0:00	918900.001	0.549	21.616	6.777
9/20/2015 0:15	919800.001	0.544	21.599	6.786
9/20/2015 0:30	920700.001	0.545	21.568	6.784
9/20/2015 0:45	921600.001	0.547	21.604	6.78
9/20/2015 1:00	922500.001	0.545	21.614	6.784
9/20/2015 1:15	923400.001	0.547	21.59	6.779
9/20/2015 1:30	924300.001	0.547	21.594	6.78
9/20/2015 1:45	925200.001	0.546	21.574	6.782
9/20/2015 2:00	926100.001	0.544	21.582	6.787
9/20/2015 2:15	927000.001	0.55	21.585	6.774
9/20/2015 2:30	927900.001	0.548	21.597	6.779
9/20/2015 2:45	928800.001	0.547	21.584	6.78
9/20/2015 3:00	929700.001	0.547	21.59	6.78
9/20/2015 3:15	930600.001	0.546	21.586	6.783
9/20/2015 3:30	931500.001	0.545	21.596	6.785
9/20/2015 3:45	932400.001	0.545	21.589	6.785
9/20/2015 4:00	933300.001	0.549	21.579	6.776
9/20/2015 4:15	934200.001	0.545	21.599	6.784
9/20/2015 4:30	935100.001	0.546	21.585	6.782
9/20/2015 4:45	936000.001	0.545	21.584	6.785
9/20/2015 5:00	936900.001	0.546	21.591	6.784
9/20/2015 5:15	937800.001	0.547	21.581	6.781
9/20/2015 5:30	938700.001	0.547	21.612	6.78
9/20/2015 5:45	939600.001	0.547	21.605	6.78
9/20/2015 6:00	940500.001	0.546	21.606	6.783
9/20/2015 6:15	941400.001	0.547	21.581	6.781
9/20/2015 6:30	942300.001	0.547	21.596	6.78
9/20/2015 6:45	943200.001	0.545	21.592	6.784
9/20/2015 7:00	944100.001	0.546	21.596	6.782
9/20/2015 7:15	945000.001	0.546	21.605	6.783
9/20/2015 7:30	945900.001	0.546	21.605	6.783
9/20/2015 7:45	946800.001	0.547	21.599	6.781
9/20/2015 8:00	947700.001	0.547	21.593	6.78
9/20/2015 8:15	948600.001	0.546	21.592	6.782

Date and Time	Seconds	Pressure (PSI)	Temperature (C)	Level Depth To Water (ft)
9/20/2015 8:30	949500.001	0.546	21.578	6.782
9/20/2015 8:45	950400.001	0.546	21.568	6.783
9/20/2015 9:00	951300.001	0.546	21.588	6.782
9/20/2015 9:15	952200.001	0.547	21.612	6.78
9/20/2015 9:30	953100.001	0.544	21.591	6.786
9/20/2015 9:45	954000.001	0.547	21.578	6.781
9/20/2015 10:00	954900.001	0.546	21.595	6.784
9/20/2015 10:15	955800.001	0.546	21.594	6.782
9/20/2015 10:30	956700.001	0.545	21.586	6.785
9/20/2015 10:45	957600.001	0.549	21.602	6.776
9/20/2015 11:00	958500.001	0.547	21.6	6.781
9/20/2015 11:15	959400.001	0.546	21.605	6.784
9/20/2015 11:30	960300.001	0.547	21.563	6.78
9/20/2015 11:45	961200.001	0.547	21.615	6.781
9/20/2015 12:00	962100.001	0.545	21.612	6.784
9/20/2015 12:15	963000.001	0.546	21.571	6.783
9/20/2015 12:30	963900.001	0.546	21.571	6.782
9/20/2015 12:45	964800.001	0.544	21.596	6.786
9/20/2015 13:00	965700.001	0.547	21.617	6.781
9/20/2015 13:15	966600.001	0.547	21.578	6.779
9/20/2015 13:30	967500.001	0.547	21.591	6.781
9/20/2015 13:45	968400.001	0.545	21.609	6.784
9/20/2015 14:00	969300.001	0.545	21.585	6.784
9/20/2015 14:15	970200.001	0.548	21.6	6.779
9/20/2015 14:30	971100.001	0.548	21.595	6.778
9/20/2015 14:45	972000.001	0.546	21.576	6.783
9/20/2015 15:00	972900.001	0.547	21.568	6.781
9/20/2015 15:15	973800.001	0.548	21.581	6.779
9/20/2015 15:30	974700.001	0.548	21.57	6.778
9/20/2015 15:45	975600.001	0.546	21.581	6.782
9/20/2015 16:00	976500.001	0.548	21.587	6.778
9/20/2015 16:15	977400.001	0.548	21.579	6.779
9/20/2015 16:30	978300.001	0.547	21.561	6.781
9/20/2015 16:45	979200.001	0.547	21.599	6.78
9/20/2015 17:00	980100.001	0.547	21.571	6.78
9/20/2015 17:15	981000.001	0.546	21.567	6.783
9/20/2015 17:30	981900.001	0.545	21.569	6.785
9/20/2015 17:45	982800.001	0.545	21.576	6.785
9/20/2015 18:00	983700.001	0.546	21.55	6.782
9/20/2015 18:15	984600.001	0.548	21.554	6.778
9/20/2015 18:30	985500.001	0.547	21.568	6.78
9/20/2015 18:45	986400.001	0.546	21.582	6.783
9/20/2015 19:00	987300.001	0.546	21.571	6.782
9/20/2015 19:15	988200.001	0.547	21.571	6.78
9/20/2015 19:30	989100.001	0.548	21.565	6.778

Date and Time	Seconds	Pressure (PSI)	Temperature (C)	Level Depth To Water (ft)
9/20/2015 19:45	990000.001	0.545	21.563	6.785
9/20/2015 20:00	990900.001	0.545	21.575	6.784
9/20/2015 20:15	991800.001	0.546	21.571	6.783
9/20/2015 20:30	992700.001	0.547	21.548	6.78
9/20/2015 20:45	993600.001	0.547	21.575	6.779
9/20/2015 21:00	994500.001	0.548	21.569	6.777
9/20/2015 21:15	995400.001	0.546	21.553	6.783
9/20/2015 21:30	996300.001	0.549	21.584	6.777
9/20/2015 21:45	997200.001	0.547	21.554	6.78
9/20/2015 22:00	998100.001	0.548	21.553	6.777
9/20/2015 22:15	999000.001	0.547	21.556	6.781
9/20/2015 22:30	999900.001	0.548	21.567	6.779
9/20/2015 22:45	1000800.001	0.546	21.552	6.783
9/20/2015 23:00	1001700.001	0.546	21.562	6.784
9/20/2015 23:15	1002600.001	0.548	21.573	6.777
9/20/2015 23:30	1003500.001	0.547	21.567	6.781
9/20/2015 23:45	1004400.001	0.545	21.57	6.784
9/21/2015 0:00	1005300.001	0.547	21.573	6.781
9/21/2015 0:15	1006200.001	0.547	21.561	6.781
9/21/2015 0:30	1007100.001	0.545	21.553	6.785
9/21/2015 0:45	1008000.001	0.547	21.553	6.781
9/21/2015 1:00	1008900.001	0.545	21.553	6.784
9/21/2015 1:15	1009800.001	0.547	21.553	6.781
9/21/2015 1:30	1010700.001	0.547	21.576	6.781
9/21/2015 1:45	1011600.001	0.549	21.572	6.775
9/21/2015 2:00	1012500.001	0.546	21.547	6.783
9/21/2015 2:15	1013400.001	0.547	21.574	6.78
9/21/2015 2:30	1014300.001	0.546	21.558	6.784
9/21/2015 2:45	1015200.001	0.547	21.556	6.78
9/21/2015 3:00	1016100.001	0.547	21.566	6.78
9/21/2015 3:15	1017000.001	0.546	21.559	6.782
9/21/2015 3:30	1017900.001	0.547	21.569	6.781
9/21/2015 3:45	1018800.001	0.545	21.563	6.785
9/21/2015 4:00	1019700.001	0.545	21.548	6.785
9/21/2015 4:15	1020600.001	0.546	21.56	6.782
9/21/2015 4:30	1021500.001	0.548	21.536	6.779
9/21/2015 4:45	1022400.001	0.547	21.557	6.781
9/21/2015 5:00	1023300.001	0.544	21.555	6.786
9/21/2015 5:15	1024200.001	0.546	21.553	6.783
9/21/2015 5:30	1025100.001	0.547	21.547	6.779
9/21/2015 5:45	1026000.001	0.547	21.535	6.781
9/21/2015 6:00	1026900.001	0.547	21.555	6.781
9/21/2015 6:15	1027800.001	0.547	21.571	6.78
9/21/2015 6:30	1028700.001	0.548	21.552	6.779
9/21/2015 6:45	1029600.001	0.547	21.565	6.781

Date and Time	Seconds	Pressure (PSI)	Temperature (C)	Level Depth To Water (ft)
9/21/2015 7:00	1030500.001	0.545	21.528	6.786
9/21/2015 7:15	1031400.001	0.546	21.547	6.782
9/21/2015 7:30	1032300.001	0.546	21.558	6.782
9/21/2015 7:45	1033200.001	0.546	21.524	6.782
9/21/2015 8:00	1034100.001	0.544	21.546	6.787
9/21/2015 8:15	1035000.001	0.548	21.563	6.779
9/21/2015 8:30	1035900.001	0.545	21.548	6.785
9/21/2015 8:45	1036800.001	0.546	21.531	6.783
9/21/2015 9:00	1037700.001	0.546	21.558	6.782
9/21/2015 9:15	1038600.001	0.546	21.555	6.782
9/21/2015 9:30	1039500.001	0.547	21.568	6.781
9/21/2015 9:45	1040400.001	0.546	21.569	6.784
9/21/2015 10:00	1041300.001	0.546	21.539	6.782
9/21/2015 10:15	1042200.001	0.544	21.548	6.786
9/21/2015 10:30	1043100.001	0.546	21.55	6.782
9/21/2015 10:45	1044000.001	0.546	21.56	6.783
9/21/2015 11:00	1044900.001	0.548	21.534	6.779
9/21/2015 11:15	1045800.001	0.548	21.525	6.779
9/21/2015 11:30	1046700.001	0.547	21.563	6.781
9/21/2015 11:45	1047600.001	0.546	21.535	6.782
9/21/2015 12:00	1048500.001	0.548	21.553	6.779
9/21/2015 12:15	1049400.001	0.547	21.55	6.781
9/21/2015 12:30	1050300.001	0.547	21.534	6.781
9/21/2015 12:45	1051200.001	0.545	21.545	6.784
9/21/2015 13:00	1052100.001	0.546	21.527	6.783
9/21/2015 13:15	1053000.001	0.545	21.525	6.784
9/21/2015 13:30	1053900.001	0.546	21.561	6.783
9/21/2015 13:45	1054800.001	0.546	21.514	6.782
9/21/2015 14:00	1055700.001	0.546	21.525	6.783
9/21/2015 14:15	1056600.001	0.547	21.535	6.781
9/21/2015 14:30	1057500.001	0.546	21.539	6.782
9/21/2015 14:45	1058400.001	0.547	21.541	6.78
9/21/2015 15:00	1059300.001	0.547	21.519	6.781
9/21/2015 15:15	1060200.001	0.547	21.554	6.78
9/21/2015 15:30	1061100.001	0.546	21.532	6.783
9/21/2015 15:45	1062000.001	0.545	21.538	6.784
9/21/2015 16:00	1062900.001	0.546	21.533	6.783
9/21/2015 16:15	1063800.001	0.548	21.525	6.779
9/21/2015 16:30	1064700.001	0.548	21.54	6.777
9/21/2015 16:45	1065600.001	0.548	21.521	6.777
9/21/2015 17:00	1066500.001	0.547	21.553	6.781
9/21/2015 17:15	1067400.001	0.547	21.529	6.781
9/21/2015 17:30	1068300.001	0.546	21.548	6.784
9/21/2015 17:45	1069200.001	0.547	21.544	6.78
9/21/2015 18:00	1070100.001	0.546	21.545	6.783

Date and Time	Seconds	Pressure (PSI)	Temperature (C)	Level Depth To Water (ft)
9/21/2015 18:15	1071000.001	0.546	21.518	6.782
9/21/2015 18:30	1071900.001	0.547	21.507	6.781
9/21/2015 18:45	1072800.001	0.547	21.527	6.78
9/21/2015 19:00	1073700.001	0.545	21.548	6.785
9/21/2015 19:15	1074600.001	0.544	21.532	6.787
9/21/2015 19:30	1075500.001	0.548	21.516	6.779
9/21/2015 19:45	1076400.001	0.548	21.532	6.778
9/21/2015 20:00	1077300.001	0.545	21.52	6.784
9/21/2015 20:15	1078200.001	0.545	21.543	6.785
9/21/2015 20:30	1079100.001	0.547	21.512	6.78
9/21/2015 20:45	1080000.001	0.546	21.526	6.782
9/21/2015 21:00	1080900.001	0.549	21.54	6.777
9/21/2015 21:15	1081800.001	0.547	21.518	6.78
9/21/2015 21:30	1082700.001	0.547	21.525	6.782
9/21/2015 21:45	1083600.001	0.545	21.53	6.785
9/21/2015 22:00	1084500.001	0.546	21.527	6.782
9/21/2015 22:15	1085400.001	0.547	21.526	6.78
9/21/2015 22:30	1086300.001	0.545	21.512	6.785
9/21/2015 22:45	1087200.001	0.546	21.516	6.784
9/21/2015 23:00	1088100.001	0.549	21.524	6.777
9/21/2015 23:15	1089000.001	0.546	21.497	6.784
9/21/2015 23:30	1089900.001	0.547	21.529	6.781
9/21/2015 23:45	1090800.001	0.547	21.52	6.779
9/22/2015 0:00	1091700.001	0.545	21.524	6.784
9/22/2015 0:15	1092600.001	0.549	21.52	6.776
9/22/2015 0:30	1093500.001	0.547	21.502	6.78
9/22/2015 0:45	1094400.001	0.546	21.517	6.783
9/22/2015 1:00	1095300.001	0.546	21.51	6.783
9/22/2015 1:15	1096200.001	0.547	21.516	6.78
9/22/2015 1:30	1097100.001	0.548	21.523	6.778
9/22/2015 1:45	1098000.001	0.544	21.527	6.786
9/22/2015 2:00	1098900.001	0.546	21.533	6.783
9/22/2015 2:15	1099800.001	0.547	21.507	6.781
9/22/2015 2:30	1100700.001	0.548	21.518	6.779
9/22/2015 2:45	1101600.001	0.548	21.536	6.778
9/22/2015 3:00	1102500.001	0.547	21.52	6.781
9/22/2015 3:15	1103400.001	0.546	21.505	6.783
9/22/2015 3:30	1104300.001	0.546	21.523	6.783
9/22/2015 3:45	1105200.001	0.547	21.527	6.781
9/22/2015 4:00	1106100.001	0.545	21.492	6.786
9/22/2015 4:15	1107000.001	0.547	21.527	6.781
9/22/2015 4:30	1107900.001	0.548	21.531	6.778
9/22/2015 4:45	1108800.001	0.546	21.507	6.783
9/22/2015 5:00	1109700.001	0.547	21.52	6.78
9/22/2015 5:15	1110600.001	0.546	21.509	6.783

Date and Time	Seconds	Pressure (PSI)	Temperature (C)	Level Depth To Water (ft)
9/22/2015 5:30	1111500.001	0.548	21.519	6.779
9/22/2015 5:45	1112400.001	0.548	21.519	6.778
9/22/2015 6:00	1113300.001	0.544	21.512	6.788
9/22/2015 6:15	1114200.001	0.546	21.53	6.783
9/22/2015 6:30	1115100.001	0.546	21.509	6.782
9/22/2015 6:45	1116000.001	0.548	21.521	6.779
9/22/2015 7:00	1116900.001	0.547	21.499	6.781
9/22/2015 7:15	1117800.001	0.548	21.518	6.779
9/22/2015 7:30	1118700.001	0.545	21.513	6.786
9/22/2015 7:45	1119600.001	0.547	21.535	6.78
9/22/2015 8:00	1120500.001	0.547	21.506	6.78
9/22/2015 8:15	1121400.001	0.547	21.523	6.781
9/22/2015 8:30	1122300.001	0.546	21.517	6.783
9/22/2015 8:45	1123200.001	0.545	21.51	6.785
9/22/2015 9:00	1124100.001	0.546	21.517	6.782
9/22/2015 9:15	1125000.001	0.546	21.531	6.782
9/22/2015 9:30	1125900.001	0.547	21.512	6.781
9/22/2015 9:45	1126800.001	0.545	21.52	6.784
9/22/2015 10:00	1127700.001	0.545	21.502	6.785
9/22/2015 10:15	1128600.001	0.547	21.53	6.781
9/22/2015 10:30	1129500.001	0.547	21.506	6.781
9/22/2015 10:45	1130400.001	0.546	21.494	6.782
9/22/2015 11:00	1131300.001	0.546	21.507	6.782
9/22/2015 11:15	1132200.001	0.546	21.51	6.782
9/22/2015 11:30	1133100.001	0.547	21.509	6.781
9/22/2015 11:45	1134000.001	0.547	21.503	6.781
9/22/2015 12:00	1134900.001	0.548	21.503	6.778
9/22/2015 12:15	1135800.001	0.547	21.514	6.78
9/22/2015 12:30	1136700.001	0.547	21.514	6.78
9/22/2015 12:45	1137600.001	0.548	21.526	6.778
9/22/2015 13:00	1138500.001	0.547	21.527	6.781
9/22/2015 13:15	1139400.001	0.547	21.519	6.78
9/22/2015 13:30	1140300.001	0.545	21.507	6.785
9/22/2015 13:45	1141200.001	0.545	21.505	6.786
9/22/2015 14:00	1142100.001	0.546	21.516	6.783
9/22/2015 14:15	1143000.001	0.546	21.526	6.783
9/22/2015 14:30	1143900.001	0.546	21.517	6.782
9/22/2015 14:45	1144800.001	0.547	21.508	6.781
9/22/2015 15:00	1145700.001	0.547	21.501	6.78
9/22/2015 15:15	1146600.001	0.548	21.49	6.778
9/22/2015 15:30	1147500.001	0.546	21.496	6.782
9/22/2015 15:45	1148400.001	0.547	21.487	6.781
9/22/2015 16:00	1149300.001	0.545	21.527	6.786
9/22/2015 16:15	1150200.001	0.546	21.528	6.784
9/22/2015 16:30	1151100.001	0.547	21.509	6.78

Date and Time	Seconds	Pressure (PSI)	Temperature (C)	Level Depth To Water (ft)
9/22/2015 16:45	1152000.001	0.545	21.503	6.785
9/22/2015 17:00	1152900.001	0.545	21.484	6.784
9/22/2015 17:15	1153800.001	0.547	21.52	6.781
9/22/2015 17:30	1154700.001	0.546	21.503	6.783
9/22/2015 17:45	1155600.001	0.547	21.505	6.78
9/22/2015 18:00	1156500.001	0.546	21.522	6.783
9/22/2015 18:15	1157400.001	0.548	21.489	6.778
9/22/2015 18:30	1158300.001	0.545	21.504	6.785
9/22/2015 18:45	1159200.001	0.549	21.504	6.776
9/22/2015 19:00	1160100.001	0.546	21.498	6.783
9/22/2015 19:15	1161000.001	0.547	21.499	6.781
9/22/2015 19:30	1161900.001	0.547	21.494	6.779
9/22/2015 19:45	1162800.001	0.546	21.506	6.783
9/22/2015 20:00	1163700.001	0.547	21.488	6.78
9/22/2015 20:15	1164600.001	0.546	21.507	6.783
9/22/2015 20:30	1165500.001	0.547	21.499	6.78
9/22/2015 20:45	1166400.001	0.547	21.484	6.78
9/22/2015 21:00	1167300.001	0.547	21.486	6.779
9/22/2015 21:15	1168200.001	0.547	21.5	6.779
9/22/2015 21:30	1169100.001	0.547	21.481	6.781
9/22/2015 21:45	1170000.001	0.547	21.501	6.78
9/22/2015 22:00	1170900.001	0.547	21.479	6.78
9/22/2015 22:15	1171800.001	0.548	21.484	6.778
9/22/2015 22:30	1172700.001	0.546	21.495	6.782
9/22/2015 22:45	1173600.001	0.547	21.488	6.781
9/22/2015 23:00	1174500.001	0.545	21.479	6.785
9/22/2015 23:15	1175400.001	0.548	21.473	6.778
9/22/2015 23:30	1176300.001	0.546	21.514	6.782
9/22/2015 23:45	1177200.001	0.544	21.481	6.788
9/23/2015 0:00	1178100.001	0.547	21.484	6.78
9/23/2015 0:15	1179000.001	0.546	21.498	6.782
9/23/2015 0:30	1179900.001	0.546	21.458	6.782
9/23/2015 0:45	1180800.001	0.549	21.482	6.776
9/23/2015 1:00	1181700.001	0.547	21.502	6.78
9/23/2015 1:15	1182600.001	0.547	21.504	6.78
9/23/2015 1:30	1183500.001	0.546	21.477	6.782
9/23/2015 1:45	1184400.001	0.547	21.492	6.78
9/23/2015 2:00	1185300.001	0.545	21.489	6.785
9/23/2015 2:15	1186200.001	0.545	21.507	6.785
9/23/2015 2:30	1187100.001	0.548	21.489	6.778
9/23/2015 2:45	1188000.001	0.549	21.479	6.776
9/23/2015 3:00	1188900.001	0.547	21.492	6.78
9/23/2015 3:15	1189800.001	0.547	21.49	6.781
9/23/2015 3:30	1190700.001	0.545	21.498	6.784
9/23/2015 3:45	1191600.001	0.547	21.491	6.781

Date and Time	Seconds	Pressure (PSI)	Temperature (C)	Level Depth To Water (ft)
9/23/2015 4:00	1192500.001	0.547	21.483	6.781
9/23/2015 4:15	1193400.001	0.546	21.479	6.782
9/23/2015 4:30	1194300.001	0.545	21.487	6.784
9/23/2015 4:45	1195200.001	0.547	21.504	6.781
9/23/2015 5:00	1196100.001	0.547	21.489	6.78
9/23/2015 5:15	1197000.001	0.547	21.503	6.781
9/23/2015 5:30	1197900.001	0.547	21.497	6.78
9/23/2015 5:45	1198800.001	0.547	21.483	6.78
9/23/2015 6:00	1199700.001	0.546	21.481	6.782
9/23/2015 6:15	1200600.001	0.546	21.491	6.783
9/23/2015 6:30	1201500.001	0.546	21.495	6.783
9/23/2015 6:45	1202400.001	0.547	21.493	6.78
9/23/2015 7:00	1203300.001	0.544	21.494	6.787
9/23/2015 7:15	1204200.001	0.547	21.47	6.78
9/23/2015 7:30	1205100.001	0.547	21.507	6.779
9/23/2015 7:45	1206000.001	0.546	21.47	6.782
9/23/2015 8:00	1206900.001	0.547	21.521	6.781
9/23/2015 8:15	1207800.001	0.547	21.497	6.781
9/23/2015 8:30	1208700.001	0.547	21.472	6.781
9/23/2015 8:45	1209600.001	0.547	21.485	6.78
9/23/2015 9:00	1210500.001	0.545	21.502	6.784
9/23/2015 9:15	1211400.001	0.547	21.48	6.781
9/23/2015 9:30	1212300.001	0.547	21.491	6.781
9/23/2015 9:45	1213200.001	0.548	21.471	6.778
9/23/2015 10:00	1214100.001	0.546	21.466	6.782
9/23/2015 10:15	1215000.001	0.546	21.506	6.784
9/23/2015 10:30	1215900.001	0.547	21.481	6.781
9/23/2015 10:45	1216800.001	0.546	21.502	6.783
9/23/2015 11:00	1217700.001	0.546	21.509	6.782
9/23/2015 11:15	1218600.001	0.547	21.48	6.78
9/23/2015 11:30	1219500.001	0.547	21.485	6.781
9/23/2015 11:45	1220400.001	0.546	21.466	6.782
9/23/2015 12:00	1221300.001	0.545	21.478	6.784
9/23/2015 12:15	1222200.001	0.548	21.474	6.779
9/23/2015 12:30	1223100.001	0.545	21.491	6.785
9/23/2015 12:45	1224000.001	0.547	21.476	6.781
9/23/2015 13:00	1224900.001	0.549	21.51	6.776
9/23/2015 13:15	1225800.001	0.548	21.486	6.779
9/23/2015 13:30	1226700.001	0.547	21.469	6.781
9/23/2015 13:45	1227600.001	0.546	21.485	6.784
9/23/2015 14:00	1228500.001	0.545	21.482	6.785
9/23/2015 14:15	1229400.001	0.543	21.498	6.789
9/23/2015 14:30	1230300.001	0.546	21.483	6.782
9/23/2015 14:45	1231200.001	0.545	21.49	6.784
9/23/2015 15:00	1232100.001	0.546	21.47	6.782

Date and Time	Seconds	Pressure (PSI)	Temperature (C)	Level Depth To Water (ft)
9/23/2015 15:15	1233000.001	0.547	21.497	6.779
9/23/2015 15:30	1233900.001	0.548	21.509	6.778
9/23/2015 15:45	1234800.001	0.547	21.507	6.781
9/23/2015 16:00	1235700.001	0.548	21.494	6.778
9/23/2015 16:15	1236600.001	0.546	21.472	6.784
9/23/2015 16:30	1237500.001	0.546	21.472	6.782
9/23/2015 16:45	1238400.001	0.548	21.502	6.779
9/23/2015 17:00	1239300.001	0.546	21.474	6.782
9/23/2015 17:15	1240200.001	0.545	21.473	6.785
9/23/2015 17:30	1241100.001	0.545	21.482	6.784
9/23/2015 17:45	1242000.001	0.546	21.481	6.782
9/23/2015 18:00	1242900.001	0.547	21.482	6.781
9/23/2015 18:15	1243800.001	0.545	21.471	6.786
9/23/2015 18:30	1244700.001	0.546	21.486	6.783
9/23/2015 18:45	1245600.001	0.548	21.462	6.777
9/23/2015 19:00	1246500.001	0.544	21.499	6.786
9/23/2015 19:15	1247400.001	0.547	21.479	6.78
9/23/2015 19:30	1248300.001	0.546	21.495	6.784
9/23/2015 19:45	1249200.001	0.546	21.465	6.782
9/23/2015 20:00	1250100.001	0.547	21.481	6.78
9/23/2015 20:15	1251000.001	0.547	21.469	6.781
9/23/2015 20:30	1251900.001	0.547	21.483	6.78
9/23/2015 20:45	1252800.001	0.545	21.504	6.784
9/23/2015 21:00	1253700.001	0.548	21.466	6.778
9/23/2015 21:15	1254600.001	0.548	21.476	6.778
9/23/2015 21:30	1255500.001	0.546	21.471	6.782
9/23/2015 21:45	1256400.001	0.546	21.479	6.782
9/23/2015 22:00	1257300.001	0.548	21.461	6.778
9/23/2015 22:15	1258200.001	0.547	21.457	6.781
9/23/2015 22:30	1259100.001	0.547	21.448	6.78
9/23/2015 22:45	1260000.001	0.545	21.468	6.785
9/23/2015 23:00	1260900.001	0.545	21.491	6.784
9/23/2015 23:15	1261800.001	0.546	21.476	6.782
9/23/2015 23:30	1262700.001	0.547	21.466	6.781
9/23/2015 23:45	1263600.001	0.546	21.489	6.782
9/24/2015 0:00	1264500.001	0.547	21.501	6.78
9/24/2015 0:15	1265400.001	0.546	21.482	6.782
9/24/2015 0:30	1266300.001	0.548	21.475	6.778
9/24/2015 0:45	1267200.001	0.546	21.473	6.783
9/24/2015 1:00	1268100.001	0.548	21.475	6.777
9/24/2015 1:15	1269000.001	0.548	21.474	6.779
9/24/2015 1:30	1269900.001	0.547	21.497	6.78
9/24/2015 1:45	1270800.001	0.547	21.471	6.779
9/24/2015 2:00	1271700.001	0.545	21.486	6.784
9/24/2015 2:15	1272600.001	0.547	21.488	6.781

Date and Time	Seconds	Pressure (PSI)	Temperature (C)	Level Depth To Water (ft)
9/24/2015 2:30	1273500.001	0.545	21.447	6.785
9/24/2015 2:45	1274400.001	0.546	21.49	6.783
9/24/2015 3:00	1275300.001	0.546	21.472	6.782
9/24/2015 3:15	1276200.001	0.548	21.469	6.779
9/24/2015 3:30	1277100.001	0.544	21.484	6.786
9/24/2015 3:45	1278000.001	0.547	21.464	6.781
9/24/2015 4:00	1278900.001	0.546	21.482	6.784
9/24/2015 4:15	1279800.001	0.547	21.476	6.781
9/24/2015 4:30	1280700.001	0.547	21.479	6.78
9/24/2015 4:45	1281600.001	0.547	21.481	6.781
9/24/2015 5:00	1282500.001	0.547	21.476	6.78
9/24/2015 5:15	1283400.001	0.546	21.486	6.784
9/24/2015 5:30	1284300.001	0.545	21.475	6.784
9/24/2015 5:45	1285200.001	0.548	21.509	6.778
9/24/2015 6:00	1286100.001	0.545	21.468	6.784
9/24/2015 6:15	1287000.001	0.546	21.473	6.782
9/24/2015 6:30	1287900.001	0.55	21.504	6.773
9/24/2015 6:45	1288800.001	0.545	21.479	6.784
9/24/2015 7:00	1289700.001	0.547	21.455	6.781
9/24/2015 7:15	1290600.001	0.547	21.463	6.78
9/24/2015 7:30	1291500.001	0.547	21.473	6.781
9/24/2015 7:45	1292400.001	0.547	21.499	6.781
9/24/2015 8:00	1293300.001	0.548	21.484	6.777
9/24/2015 8:15	1294200.001	0.545	21.483	6.785
9/24/2015 8:30	1295100.001	0.548	21.475	6.778
9/24/2015 8:45	1296000.001	0.547	21.5	6.781
9/24/2015 9:00	1296900.001	0.549	21.479	6.777
9/24/2015 9:15	1297800.001	0.548	21.471	6.778
9/24/2015 9:30	1298700.001	0.546	21.458	6.783
9/24/2015 9:45	1299600.001	0.547	21.484	6.78
9/24/2015 10:00	1300500.001	0.548	21.484	6.778
9/24/2015 10:15	1301400.001	0.546	21.473	6.783
9/24/2015 10:30	1302300.001	0.546	21.474	6.782
9/24/2015 10:45	1303200.001	0.544	21.484	6.786
9/24/2015 11:00	1304100.001	0.549	21.484	6.776
9/24/2015 11:15	1305000.001	0.547	21.463	6.781
9/24/2015 11:30	1305900.001	0.546	21.482	6.783
9/24/2015 11:45	1306800.001	0.546	21.484	6.782
9/24/2015 12:00	1307700.001	0.547	21.473	6.781
9/24/2015 12:15	1308600.001	0.546	21.48	6.783
9/24/2015 12:30	1309500.001	0.546	21.485	6.782
9/24/2015 12:45	1310400.001	0.547	21.458	6.78
9/24/2015 13:00	1311300.001	0.546	21.485	6.783
9/24/2015 13:15	1312200.001	0.546	21.474	6.782
9/24/2015 13:30	1313100.001	0.547	21.489	6.779

Date and Time	Seconds	Pressure (PSI)	Temperature (C)	Level Depth To Water (ft)
9/24/2015 13:45	1314000.001	0.546	21.471	6.783
9/24/2015 14:00	1314900.001	0.546	21.499	6.782
9/24/2015 14:15	1315800.001	0.546	21.479	6.782
9/24/2015 14:30	1316700.001	0.546	21.464	6.782
9/24/2015 14:45	1317600.001	0.547	21.481	6.781
9/24/2015 15:00	1318500.001	0.544	21.47	6.786
9/24/2015 15:15	1319400.001	0.548	21.466	6.779
9/24/2015 15:30	1320300.001	0.545	21.497	6.784
9/24/2015 15:45	1321200.001	0.547	21.478	6.781
9/24/2015 16:00	1322100.001	0.548	21.489	6.777
9/24/2015 16:15	1323000.001	0.546	21.494	6.782
9/24/2015 16:30	1323900.001	0.546	21.456	6.783
9/24/2015 16:45	1324800.001	0.548	21.462	6.779
9/24/2015 17:00	1325700.001	0.545	21.485	6.784
9/24/2015 17:15	1326600.001	0.545	21.465	6.785
9/24/2015 17:30	1327500.001	0.546	21.478	6.783
9/24/2015 17:45	1328400.001	0.547	21.467	6.781
9/24/2015 18:00	1329300.001	0.548	21.498	6.779
9/24/2015 18:15	1330200.001	0.544	21.467	6.787
9/24/2015 18:30	1331100.001	0.543	21.474	6.789
9/24/2015 18:45	1332000.001	0.547	21.48	6.78
9/24/2015 19:00	1332900.001	0.547	21.494	6.781
9/24/2015 19:15	1333800.001	0.546	21.487	6.783
9/24/2015 19:30	1334700.001	0.547	21.479	6.779
9/24/2015 19:45	1335600.001	0.548	21.479	6.779
9/24/2015 20:00	1336500.001	0.545	21.492	6.784
9/24/2015 20:15	1337400.001	0.547	21.484	6.779
9/24/2015 20:30	1338300.001	0.546	21.498	6.783
9/24/2015 20:45	1339200.001	0.548	21.483	6.778
9/24/2015 21:00	1340100.001	0.547	21.483	6.781
9/24/2015 21:15	1341000.001	0.547	21.466	6.78
9/24/2015 21:30	1341900.001	0.545	21.463	6.784
9/24/2015 21:45	1342800.001	0.546	21.457	6.783
9/24/2015 22:00	1343700.001	0.546	21.475	6.782
9/24/2015 22:15	1344600.001	0.546	21.475	6.782
9/24/2015 22:30	1345500.001	0.547	21.488	6.781
9/24/2015 22:45	1346400.001	0.546	21.464	6.783
9/24/2015 23:00	1347300.001	0.548	21.491	6.778
9/24/2015 23:15	1348200.001	0.545	21.48	6.786
9/24/2015 23:30	1349100.001	0.548	21.462	6.779
9/24/2015 23:45	1350000.001	0.546	21.466	6.784
9/25/2015 0:00	1350900.001	0.546	21.491	6.782
9/25/2015 0:15	1351800.001	0.548	21.47	6.778
9/25/2015 0:30	1352700.001	0.548	21.474	6.778
9/25/2015 0:45	1353600.001	0.545	21.493	6.785

Date and Time	Seconds	Pressure (PSI)	Temperature (C)	Level Depth To Water (ft)
9/25/2015 1:00	1354500.001	0.546	21.488	6.783
9/25/2015 1:15	1355400.001	0.549	21.497	6.776
9/25/2015 1:30	1356300.001	0.548	21.458	6.778
9/25/2015 1:45	1357200.001	0.546	21.49	6.784
9/25/2015 2:00	1358100.001	0.547	21.482	6.781
9/25/2015 2:15	1359000.001	0.549	21.503	6.776
9/25/2015 2:30	1359900.001	0.546	21.473	6.782
9/25/2015 2:45	1360800.001	0.548	21.476	6.778
9/25/2015 3:00	1361700.001	0.547	21.489	6.781
9/25/2015 3:15	1362600.001	0.547	21.464	6.781
9/25/2015 3:30	1363500.001	0.546	21.479	6.783
9/25/2015 3:45	1364400.001	0.548	21.472	6.778
9/25/2015 4:00	1365300.001	0.546	21.472	6.783
9/25/2015 4:15	1366200.001	0.545	21.489	6.784
9/25/2015 4:30	1367100.001	0.547	21.484	6.78
9/25/2015 4:45	1368000.001	0.547	21.484	6.78
9/25/2015 5:00	1368900.001	0.546	21.484	6.784
9/25/2015 5:15	1369800.001	0.546	21.464	6.782
9/25/2015 5:30	1370700.001	0.549	21.477	6.777
9/25/2015 5:45	1371600.001	0.547	21.484	6.781
9/25/2015 6:00	1372500.001	0.547	21.501	6.78
9/25/2015 6:15	1373400.001	0.545	21.492	6.786
9/25/2015 6:30	1374300.001	0.546	21.493	6.783
9/25/2015 6:45	1375200.001	0.546	21.493	6.782
9/25/2015 7:00	1376100.001	0.547	21.486	6.78
9/25/2015 7:15	1377000.001	0.546	21.486	6.782
9/25/2015 7:30	1377900.001	0.547	21.481	6.78
9/25/2015 7:45	1378800.001	0.547	21.475	6.78
9/25/2015 8:00	1379700.001	0.546	21.483	6.782
9/25/2015 8:15	1380600.001	0.546	21.507	6.783
9/25/2015 8:30	1381500.001	0.547	21.491	6.781
9/25/2015 8:45	1382400.001	0.545	21.466	6.786
9/25/2015 9:00	1383300.001	0.545	21.471	6.784
9/25/2015 9:15	1384200.001	0.549	21.467	6.776
9/25/2015 9:30	1385100.001	0.546	21.494	6.783
9/25/2015 9:45	1386000.001	0.547	21.463	6.781
9/25/2015 10:00	1386900.001	0.546	21.5	6.782
9/25/2015 10:15	1387800.001	0.545	21.501	6.785
9/25/2015 10:30	1388700.001	0.546	21.492	6.782
9/25/2015 10:45	1389600.001	0.545	21.479	6.784
9/25/2015 11:00	1390500.001	0.547	21.497	6.781
9/25/2015 11:15	1391400.001	0.546	21.491	6.784
9/25/2015 11:30	1392300.001	0.548	21.489	6.779
9/25/2015 11:45	1393200.001	0.546	21.481	6.783
9/25/2015 12:00	1394100.001	0.546	21.487	6.783

Date and Time	Seconds	Pressure (PSI)	Temperature (C)	Level Depth To Water (ft)
9/25/2015 12:15	1395000.001	0.547	21.483	6.781
9/25/2015 12:30	1395900.001	0.549	21.489	6.776
9/25/2015 12:45	1396800.001	0.547	21.475	6.781
9/25/2015 13:00	1397700.001	0.547	21.484	6.781
9/25/2015 13:15	1398600.001	0.547	21.502	6.781
9/25/2015 13:30	1399500.001	0.547	21.493	6.781
9/25/2015 13:45	1400400.001	0.548	21.489	6.779
9/25/2015 14:00	1401300.001	0.547	21.479	6.781
9/25/2015 14:15	1402200.001	0.545	21.499	6.785
9/25/2015 14:30	1403100.001	0.546	21.483	6.783
9/25/2015 14:45	1404000.001	0.545	21.483	6.785
9/25/2015 15:00	1404900.001	0.547	21.491	6.779
9/25/2015 15:15	1405800.001	0.547	21.497	6.78
9/25/2015 15:30	1406700.001	0.544	21.472	6.787
9/25/2015 15:45	1407600.001	0.548	21.48	6.778
9/25/2015 16:00	1408500.001	0.547	21.499	6.781
9/25/2015 16:15	1409400.001	0.546	21.482	6.784
9/25/2015 16:30	1410300.001	0.546	21.479	6.782
9/25/2015 16:45	1411200.001	0.545	21.496	6.784
9/25/2015 17:00	1412100.001	0.545	21.489	6.785
9/25/2015 17:15	1413000.001	0.546	21.509	6.784
9/25/2015 17:30	1413900.001	0.547	21.486	6.781
9/25/2015 17:45	1414800.001	0.546	21.48	6.782
9/25/2015 18:00	1415700.001	0.546	21.479	6.783
9/25/2015 18:15	1416600.001	0.547	21.479	6.78
9/25/2015 18:30	1417500.001	0.546	21.486	6.782
9/25/2015 18:45	1418400.001	0.547	21.484	6.78
9/25/2015 19:00	1419300.001	0.547	21.499	6.781
9/25/2015 19:15	1420200.001	0.547	21.477	6.78
9/25/2015 19:30	1421100.001	0.546	21.476	6.783
9/25/2015 19:45	1422000.001	0.547	21.486	6.781
9/25/2015 20:00	1422900.001	0.547	21.482	6.78
9/25/2015 20:15	1423800.001	0.546	21.497	6.783
9/25/2015 20:30	1424700.001	0.546	21.494	6.782
9/25/2015 20:45	1425600.001	0.546	21.5	6.783
9/25/2015 21:00	1426500.001	0.547	21.491	6.78
9/25/2015 21:15	1427400.001	0.547	21.499	6.781
9/25/2015 21:30	1428300.001	0.547	21.477	6.781
9/25/2015 21:45	1429200.001	0.546	21.495	6.783
9/25/2015 22:00	1430100.001	0.547	21.484	6.78
9/25/2015 22:15	1431000.001	0.547	21.464	6.781
9/25/2015 22:30	1431900.001	0.546	21.491	6.782
9/25/2015 22:45	1432800.001	0.544	21.505	6.787
9/25/2015 23:00	1433700.001	0.547	21.483	6.781
9/25/2015 23:15	1434600.001	0.547	21.478	6.78

Date and Time	Seconds	Pressure (PSI)	Temperature (C)	Level Depth To Water (ft)
9/25/2015 23:30	1435500.001	0.546	21.512	6.782
9/25/2015 23:45	1436400.001	0.545	21.482	6.786
9/26/2015 0:00	1437300.001	0.547	21.497	6.781
9/26/2015 0:15	1438200.001	0.547	21.481	6.78
9/26/2015 0:30	1439100.001	0.545	21.49	6.784
9/26/2015 0:45	1440000.001	0.547	21.45	6.781
9/26/2015 1:00	1440900.001	0.546	21.477	6.782
9/26/2015 1:15	1441800.001	0.545	21.477	6.784
9/26/2015 1:30	1442700.001	0.548	21.469	6.778
9/26/2015 1:45	1443600.001	0.547	21.479	6.779
9/26/2015 2:00	1444500.001	0.547	21.494	6.779
9/26/2015 2:15	1445400.001	0.547	21.483	6.781
9/26/2015 2:30	1446300.001	0.547	21.494	6.781
9/26/2015 2:45	1447200.001	0.547	21.51	6.779
9/26/2015 3:00	1448100.001	0.545	21.506	6.786
9/26/2015 3:15	1449000.001	0.546	21.499	6.783
9/26/2015 3:30	1449900.001	0.546	21.52	6.782
9/26/2015 3:45	1450800.001	0.547	21.507	6.779
9/26/2015 4:00	1451700.001	0.546	21.505	6.783
9/26/2015 4:15	1452600.001	0.547	21.488	6.781
9/26/2015 4:30	1453500.001	0.546	21.492	6.783
9/26/2015 4:45	1454400.001	0.545	21.499	6.784
9/26/2015 5:00	1455300.001	0.547	21.503	6.781
9/26/2015 5:15	1456200.001	0.546	21.491	6.782
9/26/2015 5:30	1457100.001	0.546	21.491	6.784
9/26/2015 5:45	1458000.001	0.547	21.499	6.781
9/26/2015 6:00	1458900.001	0.546	21.497	6.782
9/26/2015 6:15	1459800.001	0.546	21.509	6.784
9/26/2015 6:30	1460700.001	0.547	21.48	6.78
9/26/2015 6:45	1461600.001	0.546	21.489	6.782
9/26/2015 7:00	1462500.001	0.546	21.496	6.783
9/26/2015 7:15	1463400.001	0.547	21.512	6.781
9/26/2015 7:30	1464300.001	0.547	21.492	6.781
9/26/2015 7:45	1465200.001	0.546	21.514	6.784
9/26/2015 8:00	1466100.001	0.546	21.486	6.784
9/26/2015 8:15	1467000.001	0.546	21.507	6.783
9/26/2015 8:30	1467900.001	0.545	21.484	6.784
9/26/2015 8:45	1468800.001	0.545	21.501	6.785
9/26/2015 9:00	1469700.001	0.546	21.508	6.783
9/26/2015 9:15	1470600.001	0.546	21.507	6.783
9/26/2015 9:30	1471500.001	0.546	21.491	6.783
9/26/2015 9:45	1472400.001	0.548	21.528	6.778
9/26/2015 10:00	1473300.001	0.549	21.511	6.776
9/26/2015 10:15	1474200.001	0.546	21.512	6.783
9/26/2015 10:30	1475100.001	0.547	21.488	6.781

Date and Time	Seconds	Pressure (PSI)	Temperature (C)	Level Depth To Water (ft)
9/26/2015 10:45	1476000.001	0.547	21.503	6.781
9/26/2015 11:00	1476900.001	0.548	21.514	6.779
9/26/2015 11:15	1477800.001	0.545	21.512	6.785
9/26/2015 11:30	1478700.001	0.547	21.497	6.779
9/26/2015 11:45	1479600.001	0.545	21.485	6.786
9/26/2015 12:00	1480500.001	0.545	21.488	6.784
9/26/2015 12:15	1481400.001	0.546	21.524	6.782
9/26/2015 12:30	1482300.001	0.548	21.506	6.777
9/26/2015 12:45	1483200.001	0.546	21.505	6.783
9/26/2015 13:00	1484100.001	0.546	21.472	6.782
9/26/2015 13:15	1485000.001	0.544	21.523	6.786
9/26/2015 13:30	1485900.001	0.546	21.527	6.782
9/26/2015 13:45	1486800.001	0.546	21.514	6.782
9/26/2015 14:00	1487700.001	0.545	21.491	6.785
9/26/2015 14:15	1488600.001	0.544	21.524	6.787
9/26/2015 14:30	1489500.001	0.549	21.481	6.776
9/26/2015 14:45	1490400.001	0.547	21.502	6.781
9/26/2015 15:00	1491300.001	0.546	21.491	6.782
9/26/2015 15:15	1492200.001	0.547	21.491	6.781
9/26/2015 15:30	1493100.001	0.546	21.52	6.783
9/26/2015 15:45	1494000.001	0.547	21.494	6.779
9/26/2015 16:00	1494900.001	0.546	21.518	6.782
9/26/2015 16:15	1495800.001	0.547	21.509	6.78
9/26/2015 16:30	1496700.001	0.545	21.508	6.785
9/26/2015 16:45	1497600.001	0.546	21.517	6.782
9/26/2015 17:00	1498500.001	0.548	21.484	6.778
9/26/2015 17:15	1499400.001	0.548	21.49	6.778
9/26/2015 17:30	1500300.001	0.546	21.52	6.783
9/26/2015 17:45	1501200.001	0.547	21.527	6.779
9/26/2015 18:00	1502100.001	0.545	21.498	6.784
9/26/2015 18:15	1503000.001	0.548	21.502	6.779
9/26/2015 18:30	1503900.001	0.545	21.502	6.786
9/26/2015 18:45	1504800.001	0.547	21.489	6.779
9/26/2015 19:00	1505700.001	0.548	21.501	6.779
9/26/2015 19:15	1506600.001	0.546	21.482	6.782
9/26/2015 19:30	1507500.001	0.546	21.504	6.782
9/26/2015 19:45	1508400.001	0.547	21.493	6.78
9/26/2015 20:00	1509300.001	0.546	21.488	6.783
9/26/2015 20:15	1510200.001	0.548	21.499	6.777
9/26/2015 20:30	1511100.001	0.546	21.498	6.782
9/26/2015 20:45	1512000.001	0.548	21.508	6.778
9/26/2015 21:00	1512900.001	0.548	21.498	6.777
9/26/2015 21:15	1513800.001	0.546	21.493	6.784
9/26/2015 21:30	1514700.001	0.545	21.507	6.785
9/26/2015 21:45	1515600.001	0.548	21.476	6.778

Date and Time	Seconds	Pressure (PSI)	Temperature (C)	Level Depth To Water (ft)
9/26/2015 22:00	1516500.001	0.546	21.497	6.782
9/26/2015 22:15	1517400.001	0.545	21.511	6.786
9/26/2015 22:30	1518300.001	0.546	21.494	6.783
9/26/2015 22:45	1519200.001	0.544	21.507	6.786
9/26/2015 23:00	1520100.001	0.547	21.502	6.78
9/26/2015 23:15	1521000.001	0.545	21.496	6.785
9/26/2015 23:30	1521900.001	0.546	21.496	6.783
9/26/2015 23:45	1522800.001	0.546	21.505	6.782
9/27/2015 0:00	1523700.001	0.547	21.49	6.78
9/27/2015 0:15	1524600.001	0.547	21.497	6.78
9/27/2015 0:30	1525500.001	0.546	21.495	6.783
9/27/2015 0:45	1526400.001	0.544	21.484	6.787
9/27/2015 1:00	1527300.001	0.547	21.486	6.78
9/27/2015 1:15	1528200.001	0.545	21.514	6.785
9/27/2015 1:30	1529100.001	0.548	21.511	6.777
9/27/2015 1:45	1530000.001	0.548	21.486	6.779
9/27/2015 2:00	1530900.001	0.546	21.484	6.782
9/27/2015 2:15	1531800.001	0.547	21.502	6.781
9/27/2015 2:30	1532700.001	0.547	21.495	6.781
9/27/2015 2:45	1533600.001	0.548	21.481	6.779
9/27/2015 3:00	1534500.001	0.546	21.511	6.784
9/27/2015 3:15	1535400.001	0.549	21.512	6.776
9/27/2015 3:30	1536300.001	0.546	21.513	6.784
9/27/2015 3:45	1537200.001	0.544	21.505	6.786
9/27/2015 4:00	1538100.001	0.547	21.507	6.779
9/27/2015 4:15	1539000.001	0.548	21.472	6.778
9/27/2015 4:30	1539900.001	0.545	21.497	6.784
9/27/2015 4:45	1540800.001	0.545	21.483	6.786
9/27/2015 5:00	1541700.001	0.546	21.497	6.783
9/27/2015 5:15	1542600.001	0.546	21.502	6.782
9/27/2015 5:30	1543500.001	0.545	21.487	6.785
9/27/2015 5:45	1544400.001	0.546	21.517	6.782
9/27/2015 6:00	1545300.001	0.546	21.502	6.784
9/27/2015 6:15	1546200.001	0.546	21.484	6.784
9/27/2015 6:30	1547100.001	0.545	21.498	6.786
9/27/2015 6:45	1548000.001	0.548	21.507	6.779
9/27/2015 7:00	1548900.001	0.546	21.485	6.783
9/27/2015 7:15	1549800.001	0.547	21.476	6.781
9/27/2015 7:30	1550700.001	0.547	21.509	6.78
9/27/2015 7:45	1551600.001	0.547	21.453	6.78
9/27/2015 8:00	1552500.001	0.547	21.489	6.78
9/27/2015 8:15	1553400.001	0.547	21.525	6.78
9/27/2015 8:30	1554300.001	0.547	21.493	6.781
9/27/2015 8:45	1555200.001	0.548	21.501	6.778
9/27/2015 9:00	1556100.001	0.547	21.481	6.781

Date and Time	Seconds	Pressure (PSI)	Temperature (C)	Level Depth To Water (ft)
9/27/2015 9:15	1557000.001	0.546	21.495	6.782
9/27/2015 9:30	1557900.001	0.545	21.495	6.785
9/27/2015 9:45	1558800.001	0.548	21.494	6.778
9/27/2015 10:00	1559700.001	0.546	21.499	6.782
9/27/2015 10:15	1560600.001	0.547	21.49	6.78
9/27/2015 10:30	1561500.001	0.548	21.49	6.778
9/27/2015 10:45	1562400.001	0.546	21.482	6.782
9/27/2015 11:00	1563300.001	0.548	21.5	6.779
9/27/2015 11:15	1564200.001	0.547	21.493	6.78
9/27/2015 11:30	1565100.001	0.546	21.506	6.782
9/27/2015 11:45	1566000.001	0.547	21.494	6.779
9/27/2015 12:00	1566900.001	0.547	21.488	6.781
9/27/2015 12:15	1567800.001	0.547	21.494	6.781
9/27/2015 12:30	1568700.001	0.547	21.498	6.78
9/27/2015 12:45	1569600.001	0.548	21.483	6.778
9/27/2015 13:00	1570500.001	0.547	21.486	6.781
9/27/2015 13:15	1571400.001	0.546	21.491	6.783
9/27/2015 13:30	1572300.001	0.547	21.507	6.781
9/27/2015 13:45	1573200.001	0.546	21.483	6.782
9/27/2015 14:00	1574100.001	0.547	21.468	6.781
9/27/2015 14:15	1575000.001	0.545	21.489	6.784
9/27/2015 14:30	1575900.001	0.546	21.474	6.784
9/27/2015 14:45	1576800.001	0.546	21.464	6.783
9/27/2015 15:00	1577700.001	0.548	21.495	6.777
9/27/2015 15:15	1578600.001	0.549	21.471	6.777
9/27/2015 15:30	1579500.001	0.546	21.485	6.783
9/27/2015 15:45	1580400.001	0.546	21.479	6.782
9/27/2015 16:00	1581300.001	0.547	21.478	6.78
9/27/2015 16:15	1582200.001	0.545	21.472	6.784
9/27/2015 16:30	1583100.001	0.546	21.477	6.783
9/27/2015 16:45	1584000.001	0.546	21.492	6.783
9/27/2015 17:00	1584900.001	0.547	21.473	6.781
9/27/2015 17:15	1585800.001	0.547	21.481	6.781
9/27/2015 17:30	1586700.001	0.546	21.492	6.782
9/27/2015 17:45	1587600.001	0.547	21.477	6.781
9/27/2015 18:00	1588500.001	0.547	21.459	6.78
9/27/2015 18:15	1589400.001	0.544	21.483	6.787
9/27/2015 18:30	1590300.001	0.545	21.475	6.784
9/27/2015 18:45	1591200.001	0.548	21.473	6.779
9/27/2015 19:00	1592100.001	0.547	21.477	6.781
9/27/2015 19:15	1593000.001	0.546	21.504	6.783
9/27/2015 19:30	1593900.001	0.546	21.467	6.782
9/27/2015 19:45	1594800.001	0.547	21.474	6.781
9/27/2015 20:00	1595700.001	0.545	21.499	6.785
9/27/2015 20:15	1596600.001	0.547	21.468	6.781

Date and Time	Seconds	Pressure (PSI)	Temperature (C)	Level Depth To Water (ft)
9/27/2015 20:30	1597500.001	0.548	21.486	6.779
9/27/2015 20:45	1598400.001	0.545	21.497	6.784
9/27/2015 21:00	1599300.001	0.545	21.464	6.785
9/27/2015 21:15	1600200.001	0.544	21.448	6.787
9/27/2015 21:30	1601100.001	0.547	21.481	6.781
9/27/2015 21:45	1602000.001	0.547	21.482	6.779
9/27/2015 22:00	1602900.001	0.548	21.458	6.779
9/27/2015 22:15	1603800.001	0.547	21.473	6.78
9/27/2015 22:30	1604700.001	0.547	21.453	6.779
9/27/2015 22:45	1605600.001	0.547	21.485	6.78
9/27/2015 23:00	1606500.001	0.547	21.486	6.781
9/27/2015 23:15	1607400.001	0.544	21.471	6.788
9/27/2015 23:30	1608300.001	0.546	21.459	6.782
9/27/2015 23:45	1609200.001	0.546	21.468	6.784
9/28/2015 0:00	1610100.001	0.545	21.479	6.784
9/28/2015 0:15	1611000.001	0.546	21.454	6.784
9/28/2015 0:30	1611900.001	0.547	21.447	6.78
9/28/2015 0:45	1612800.001	0.546	21.462	6.782
9/28/2015 1:00	1613700.001	0.546	21.463	6.783
9/28/2015 1:15	1614600.001	0.548	21.485	6.779
9/28/2015 1:30	1615500.001	0.546	21.463	6.783
9/28/2015 1:45	1616400.001	0.545	21.467	6.785
9/28/2015 2:00	1617300.001	0.547	21.466	6.781
9/28/2015 2:15	1618200.001	0.546	21.489	6.783
9/28/2015 2:30	1619100.001	0.547	21.485	6.781
9/28/2015 2:45	1620000.001	0.546	21.465	6.783
9/28/2015 3:00	1620900.001	0.547	21.486	6.781
9/28/2015 3:15	1621800.001	0.545	21.466	6.784
9/28/2015 3:30	1622700.001	0.547	21.451	6.78
9/28/2015 3:45	1623600.001	0.545	21.463	6.785
9/28/2015 4:00	1624500.001	0.548	21.465	6.779
9/28/2015 4:15	1625400.001	0.547	21.454	6.78
9/28/2015 4:30	1626300.001	0.546	21.468	6.783
9/28/2015 4:45	1627200.001	0.546	21.468	6.782
9/28/2015 5:00	1628100.001	0.546	21.473	6.782
9/28/2015 5:15	1629000.001	0.547	21.459	6.781
9/28/2015 5:30	1629900.001	0.546	21.463	6.782
9/28/2015 5:45	1630800.001	0.547	21.445	6.781
9/28/2015 6:00	1631700.001	0.544	21.466	6.787
9/28/2015 6:15	1632600.001	0.547	21.465	6.781
9/28/2015 6:30	1633500.001	0.545	21.469	6.784
9/28/2015 6:45	1634400.001	0.548	21.469	6.778
9/28/2015 7:00	1635300.001	0.546	21.467	6.783
9/28/2015 7:15	1636200.001	0.546	21.456	6.782
9/28/2015 7:30	1637100.001	0.546	21.455	6.783

Date and Time	Seconds	Pressure (PSI)	Temperature (C)	Level Depth To Water (ft)
9/28/2015 7:45	1638000.001	0.546	21.452	6.782
9/28/2015 8:00	1638900.001	0.546	21.444	6.782
9/28/2015 8:15	1639800.001	0.547	21.454	6.781
9/28/2015 8:30	1640700.001	0.546	21.462	6.782
9/28/2015 8:45	1641600.001	0.546	21.459	6.783
9/28/2015 9:00	1642500.001	0.545	21.445	6.784
9/28/2015 9:15	1643400.001	0.546	21.462	6.782
9/28/2015 9:30	1644300.001	0.546	21.463	6.783
9/28/2015 9:45	1645200.001	0.547	21.463	6.781
9/28/2015 10:00	1646100.001	0.546	21.473	6.782
9/28/2015 10:15	1647000.001	0.549	21.463	6.777
9/28/2015 10:30	1647900.001	0.547	21.456	6.78
9/28/2015 10:45	1648800.001	0.548	21.481	6.778
9/28/2015 11:00	1649700.001	0.548	21.445	6.778
9/28/2015 11:15	1650600.001	0.546	21.438	6.784
9/28/2015 11:30	1651500.001	0.547	21.473	6.78
9/28/2015 11:45	1652400.001	0.547	21.438	6.78
9/28/2015 12:00	1653300.001	0.546	21.42	6.783
9/28/2015 12:15	1654200.001	0.546	21.448	6.782
9/28/2015 12:30	1655100.001	0.545	21.425	6.785
9/28/2015 12:45	1656000.001	0.545	21.453	6.784
9/28/2015 13:00	1656900.001	0.547	21.459	6.78
9/28/2015 13:15	1657800.001	0.545	21.431	6.784
9/28/2015 13:30	1658700.001	0.548	21.481	6.779
9/28/2015 13:45	1659600.001	0.548	21.433	6.778
9/28/2015 14:00	1660500.001	0.545	21.453	6.784
9/28/2015 14:15	1661400.001	0.547	21.427	6.78
9/28/2015 14:30	1662300.001	0.546	21.445	6.784
9/28/2015 14:45	1663200.001	0.547	21.443	6.78
9/28/2015 15:00	1664100.001	0.545	21.438	6.784
9/28/2015 15:15	1665000.001	0.546	21.453	6.784
9/28/2015 15:30	1665900.001	0.547	21.479	6.781
9/28/2015 15:45	1666800.001	0.543	21.451	6.79
9/28/2015 16:00	1667700.001	0.547	21.447	6.781
9/28/2015 16:15	1668600.001	0.548	21.448	6.778
9/28/2015 16:30	1669500.001	0.547	21.451	6.78
9/28/2015 16:45	1670400.001	0.545	21.422	6.785
9/28/2015 17:00	1671300.001	0.547	21.428	6.779
9/28/2015 17:15	1672200.001	0.545	21.427	6.784
9/28/2015 17:30	1673100.001	0.546	21.444	6.782
9/28/2015 17:45	1674000.001	0.547	21.468	6.78
9/28/2015 18:00	1674900.001	0.547	21.435	6.781
9/28/2015 18:15	1675800.001	0.546	21.443	6.782
9/28/2015 18:30	1676700.001	0.547	21.422	6.78
9/28/2015 18:45	1677600.001	0.545	21.436	6.784

Date and Time	Seconds	Pressure (PSI)	Temperature (C)	Level Depth To Water (ft)
9/28/2015 19:00	1678500.001	0.545	21.432	6.785
9/28/2015 19:15	1679400.001	0.546	21.45	6.782
9/28/2015 19:30	1680300.001	0.545	21.44	6.785
9/28/2015 19:45	1681200.001	0.548	21.449	6.779
9/28/2015 20:00	1682100.001	0.545	21.405	6.784
9/28/2015 20:15	1683000.001	0.546	21.444	6.782
9/28/2015 20:30	1683900.001	0.545	21.446	6.784
9/28/2015 20:45	1684800.001	0.546	21.458	6.782
9/28/2015 21:00	1685700.001	0.546	21.46	6.782
9/28/2015 21:15	1686600.001	0.546	21.41	6.782
9/28/2015 21:30	1687500.001	0.546	21.431	6.782
9/28/2015 21:45	1688400.001	0.546	21.438	6.783
9/28/2015 22:00	1689300.001	0.545	21.436	6.784
9/28/2015 22:15	1690200.001	0.544	21.431	6.786
9/28/2015 22:30	1691100.001	0.544	21.436	6.787
9/28/2015 22:45	1692000.001	0.548	21.439	6.779
9/28/2015 23:00	1692900.001	0.546	21.422	6.783
9/28/2015 23:15	1693800.001	0.547	21.43	6.781
9/28/2015 23:30	1694700.001	0.547	21.45	6.781
9/28/2015 23:45	1695600.001	0.547	21.423	6.78
9/29/2015 0:00	1696500.001	0.545	21.441	6.784
9/29/2015 0:15	1697400.001	0.546	21.41	6.782
9/29/2015 0:30	1698300.001	0.545	21.432	6.785
9/29/2015 0:45	1699200.001	0.546	21.459	6.783
9/29/2015 1:00	1700100.001	0.546	21.422	6.784
9/29/2015 1:15	1701000.001	0.547	21.422	6.78
9/29/2015 1:30	1701900.001	0.547	21.435	6.781
9/29/2015 1:45	1702800.001	0.546	21.425	6.782
9/29/2015 2:00	1703700.001	0.547	21.429	6.781
9/29/2015 2:15	1704600.001	0.545	21.439	6.784
9/29/2015 2:30	1705500.001	0.548	21.414	6.779
9/29/2015 2:45	1706400.001	0.547	21.43	6.779
9/29/2015 3:00	1707300.001	0.546	21.445	6.782
9/29/2015 3:15	1708200.001	0.545	21.428	6.784
9/29/2015 3:30	1709100.001	0.545	21.44	6.786
9/29/2015 3:45	1710000.001	0.545	21.445	6.784
9/29/2015 4:00	1710900.001	0.549	21.417	6.776
9/29/2015 4:15	1711800.001	0.546	21.431	6.782
9/29/2015 4:30	1712700.001	0.546	21.443	6.783
9/29/2015 4:45	1713600.001	0.548	21.415	6.779
9/29/2015 5:00	1714500.001	0.548	21.422	6.777
9/29/2015 5:15	1715400.001	0.55	21.439	6.774
9/29/2015 5:30	1716300.001	0.55	21.427	6.774
9/29/2015 5:45	1717200.001	0.551	21.427	6.771
9/29/2015 6:00	1718100.001	0.547	21.428	6.781

Date and Time	Seconds	Pressure (PSI)	Temperature (C)	Level Depth To Water (ft)
9/29/2015 6:15	1719000.001	0.55	21.428	6.774
9/29/2015 6:30	1719900.001	0.548	21.421	6.779
9/29/2015 6:45	1720800.001	0.549	21.439	6.776
9/29/2015 7:00	1721700.001	0.55	21.449	6.774
9/29/2015 7:15	1722600.001	0.547	21.408	6.78
9/29/2015 7:30	1723500.001	0.55	21.427	6.774
9/29/2015 7:45	1724400.001	0.549	21.434	6.777
9/29/2015 8:00	1725300.001	0.55	21.464	6.774
9/29/2015 8:15	1726200.001	0.548	21.426	6.777
9/29/2015 8:30	1727100.001	0.549	21.44	6.775
9/29/2015 8:45	1728000.001	0.55	21.448	6.773
9/29/2015 9:00	1728900.001	0.55	21.463	6.774
9/29/2015 9:15	1729800.001	0.55	21.44	6.774
9/29/2015 9:30	1730700.001	0.55	21.419	6.774
9/29/2015 9:45	1731600.001	0.55	21.461	6.774
9/29/2015 10:00	1732500.001	0.55	21.422	6.774
9/29/2015 10:15	1733400.001	0.55	21.428	6.773
9/29/2015 10:30	1734300.001	0.549	21.442	6.775
9/29/2015 10:45	1735200.001	0.548	21.417	6.779
9/29/2015 11:00	1736100.001	0.548	21.429	6.777
9/29/2015 11:15	1737000.001	0.549	21.427	6.775
9/29/2015 11:30	1737900.001	0.548	21.461	6.777
9/29/2015 11:45	1738800.001	0.55	21.455	6.773
9/29/2015 12:00	1739700.001	0.55	21.448	6.775
9/29/2015 12:15	1740600.001	0.547	21.409	6.781
9/29/2015 12:30	1741500.001	0.549	21.453	6.775
9/29/2015 12:45	1742400.001	0.548	21.422	6.777
9/29/2015 13:00	1743300.001	0.549	21.413	6.777
9/29/2015 13:15	1744200.001	0.548	21.448	6.779
9/29/2015 13:30	1745100.001	0.547	21.43	6.781
9/29/2015 13:45	1746000.001	0.547	21.423	6.78
9/29/2015 14:00	1746900.001	0.549	21.408	6.775
9/29/2015 14:15	1747800.001	0.549	21.45	6.776
9/29/2015 14:30	1748700.001	0.55	21.439	6.774
9/29/2015 14:45	1749600.001	0.55	21.399	6.775
9/29/2015 15:00	1750500.001	0.549	21.416	6.775
9/29/2015 15:15	1751400.001	0.547	21.429	6.781
9/29/2015 15:30	1752300.001	0.548	21.413	6.777
9/29/2015 15:45	1753200.001	0.549	21.443	6.776
9/29/2015 16:00	1754100.001	0.548	21.43	6.778
9/29/2015 16:15	1755000.001	0.549	21.443	6.776
9/29/2015 16:30	1755900.001	0.549	21.448	6.777
9/29/2015 16:45	1756800.001	0.548	21.421	6.777
9/29/2015 17:00	1757700.001	0.549	21.413	6.777
9/29/2015 17:15	1758600.001	0.551	21.424	6.771

Date and Time	Seconds	Pressure (PSI)	Temperature (C)	Level Depth To Water (ft)
9/29/2015 17:30	1759500.001	0.548	21.418	6.779
9/29/2015 17:45	1760400.001	0.548	21.398	6.777
9/29/2015 18:00	1761300.001	0.549	21.412	6.775
9/29/2015 18:15	1762200.001	0.549	21.422	6.776
9/29/2015 18:30	1763100.001	0.549	21.435	6.776
9/29/2015 18:45	1764000.001	0.55	21.434	6.774
9/29/2015 19:00	1764900.001	0.548	21.427	6.779
9/29/2015 19:15	1765800.001	0.548	21.425	6.779
9/29/2015 19:30	1766700.001	0.547	21.43	6.781
9/29/2015 19:45	1767600.001	0.545	21.41	6.784
9/29/2015 20:00	1768500.001	0.548	21.433	6.779
9/29/2015 20:15	1769400.001	0.551	21.414	6.772
9/29/2015 20:30	1770300.001	0.549	21.427	6.776
9/29/2015 20:45	1771200.001	0.547	21.418	6.779
9/29/2015 21:00	1772100.001	0.548	21.417	6.777
9/29/2015 21:15	1773000.001	0.548	21.404	6.778
9/29/2015 21:30	1773900.001	0.549	21.421	6.777
9/29/2015 21:45	1774800.001	0.55	21.411	6.772
9/29/2015 22:00	1775700.001	0.547	21.415	6.78
9/29/2015 22:15	1776600.001	0.549	21.433	6.777
9/29/2015 22:30	1777500.001	0.548	21.41	6.779
9/29/2015 22:45	1778400.001	0.547	21.44	6.78
9/29/2015 23:00	1779300.001	0.548	21.402	6.778
9/29/2015 23:15	1780200.001	0.548	21.396	6.777
9/29/2015 23:30	1781100.001	0.55	21.402	6.774
9/29/2015 23:45	1782000.001	0.549	21.42	6.775
9/30/2015 0:00	1782900.001	0.548	21.42	6.779
9/30/2015 0:15	1783800.001	0.548	21.406	6.778
9/30/2015 0:30	1784700.001	0.55	21.42	6.774
9/30/2015 0:45	1785600.001	0.547	21.414	6.779
9/30/2015 1:00	1786500.001	0.547	21.423	6.78
9/30/2015 1:15	1787400.001	0.549	21.432	6.775
9/30/2015 1:30	1788300.001	0.547	21.409	6.781
9/30/2015 1:45	1789200.001	0.55	21.425	6.775
9/30/2015 2:00	1790100.001	0.549	21.402	6.776
9/30/2015 2:15	1791000.001	0.549	21.396	6.775
9/30/2015 2:30	1791900.001	0.549	21.402	6.775
9/30/2015 2:45	1792800.001	0.55	21.406	6.774
9/30/2015 3:00	1793700.001	0.55	21.408	6.775
9/30/2015 3:15	1794600.001	0.55	21.392	6.774
9/30/2015 3:30	1795500.001	0.55	21.418	6.774
9/30/2015 3:45	1796400.001	0.55	21.409	6.774
9/30/2015 4:00	1797300.001	0.55	21.386	6.774
9/30/2015 4:15	1798200.001	0.547	21.412	6.78
9/30/2015 4:30	1799100.001	0.548	21.397	6.777

Date and Time	Seconds	Pressure (PSI)	Temperature (C)	Level Depth To Water (ft)
9/30/2015 4:45	1800000.001	0.549	21.418	6.775
9/30/2015 5:00	1800900.001	0.549	21.407	6.776
9/30/2015 5:15	1801800.001	0.549	21.416	6.776
9/30/2015 5:30	1802700.001	0.551	21.42	6.77
9/30/2015 5:45	1803600.001	0.549	21.408	6.776
9/30/2015 6:00	1804500.001	0.549	21.424	6.776
9/30/2015 6:15	1805400.001	0.549	21.399	6.776
9/30/2015 6:30	1806300.001	0.549	21.407	6.776
9/30/2015 6:45	1807200.001	0.551	21.408	6.772
9/30/2015 7:00	1808100.001	0.547	21.409	6.78
9/30/2015 7:15	1809000.001	0.548	21.394	6.778
9/30/2015 7:30	1809900.001	0.55	21.407	6.773
9/30/2015 7:45	1810800.001	0.548	21.409	6.777
9/30/2015 8:00	1811700.001	0.548	21.4	6.779
9/30/2015 8:15	1812600.001	0.549	21.398	6.775
9/30/2015 8:30	1813500.001	0.548	21.397	6.778
9/30/2015 8:45	1814400.001	0.549	21.415	6.775
9/30/2015 9:00	1815300.001	0.549	21.402	6.777
9/30/2015 9:15	1816200.001	0.548	21.394	6.778
9/30/2015 9:30	1817100.001	0.547	21.399	6.781
9/30/2015 9:45	1818000.001	0.549	21.398	6.777
9/30/2015 10:00	1818900.001	0.549	21.405	6.775
9/30/2015 10:15	1819800.001	0.548	21.401	6.779
9/30/2015 10:30	1820700.001	0.547	21.415	6.78
9/30/2015 10:45	1821600.001	0.547	21.402	6.78
9/30/2015 11:00	1822500.001	0.548	21.389	6.778
9/30/2015 11:15	1823400.001	0.547	21.396	6.78
9/30/2015 11:30	1824300.001	0.546	21.404	6.783
9/30/2015 11:45	1825200.001	0.549	21.373	6.775
9/30/2015 12:00	1826100.001	0.547	21.403	6.779
9/30/2015 12:15	1827000.001	0.547	21.404	6.781
9/30/2015 12:30	1827900.001	0.547	21.391	6.78
9/30/2015 12:45	1828800.001	0.549	21.393	6.777
9/30/2015 13:00	1829700.001	0.547	21.406	6.78
9/30/2015 13:15	1830600.001	0.547	21.386	6.78
9/30/2015 13:30	1831500.001	0.548	21.411	6.779
9/30/2015 13:45	1832400.001	0.55	21.401	6.774
9/30/2015 14:00	1833300.001	0.549	21.408	6.776
9/30/2015 14:15	1834200.001	0.548	21.411	6.777
9/30/2015 14:30	1835100.001	0.546	21.391	6.782
9/30/2015 14:45	1836000.001	0.549	21.394	6.776
9/30/2015 15:00	1836900.001	0.548	21.416	6.778
9/30/2015 15:15	1837800.001	0.547	21.408	6.78
9/30/2015 15:30	1838700.001	0.549	21.394	6.775
9/30/2015 15:45	1839600.001	0.547	21.392	6.78

Date and Time	Seconds	Pressure (PSI)	Temperature (C)	Level Depth To Water (ft)
9/30/2015 16:00	1840500.001	0.548	21.395	6.778
9/30/2015 16:15	1841400.001	0.551	21.398	6.772
9/30/2015 16:30	1842300.001	0.548	21.393	6.778
9/30/2015 16:45	1843200.001	0.547	21.411	6.78
9/30/2015 17:00	1844100.001	0.547	21.387	6.781
9/30/2015 17:15	1845000.001	0.547	21.389	6.781
9/30/2015 17:30	1845900.001	0.547	21.397	6.78
9/30/2015 17:45	1846800.001	0.548	21.381	6.779
9/30/2015 18:00	1847700.001	0.547	21.383	6.781
9/30/2015 18:15	1848600.001	0.547	21.387	6.779
9/30/2015 18:30	1849500.001	0.547	21.383	6.781
9/30/2015 18:45	1850400.001	0.547	21.404	6.78
9/30/2015 19:00	1851300.001	0.547	21.361	6.779
9/30/2015 19:15	1852200.001	0.547	21.378	6.78
9/30/2015 19:30	1853100.001	0.548	21.403	6.779
9/30/2015 19:45	1854000.001	0.546	21.413	6.782
9/30/2015 20:00	1854900.001	0.547	21.383	6.781
9/30/2015 20:15	1855800.001	0.546	21.379	6.782
9/30/2015 20:30	1856700.001	0.548	21.388	6.778
9/30/2015 20:45	1857600.001	0.544	21.396	6.786
9/30/2015 21:00	1858500.001	0.547	21.388	6.78
9/30/2015 21:15	1859400.001	0.547	21.407	6.78
9/30/2015 21:30	1860300.001	0.547	21.389	6.78
9/30/2015 21:45	1861200.001	0.546	21.401	6.782
9/30/2015 22:00	1862100.001	0.547	21.372	6.78
9/30/2015 22:15	1863000.001	0.548	21.392	6.778
9/30/2015 22:30	1863900.001	0.548	21.38	6.779
9/30/2015 22:45	1864800.001	0.548	21.374	6.779
9/30/2015 23:00	1865700.001	0.547	21.379	6.781
9/30/2015 23:15	1866600.001	0.548	21.394	6.777
9/30/2015 23:30	1867500.001	0.548	21.395	6.779
9/30/2015 23:45	1868400.001	0.549	21.395	6.777
10/1/2015 0:00	1869300.001	0.549	21.382	6.776
10/1/2015 0:15	1870200.001	0.547	21.364	6.78
10/1/2015 0:30	1871100.001	0.549	21.396	6.776
10/1/2015 0:45	1872000.001	0.545	21.387	6.785
10/1/2015 1:00	1872900.001	0.548	21.397	6.777
10/1/2015 1:15	1873800.001	0.547	21.386	6.78
10/1/2015 1:30	1874700.001	0.547	21.392	6.781
10/1/2015 1:45	1875600.001	0.547	21.356	6.781
10/1/2015 2:00	1876500.001	0.547	21.381	6.781
10/1/2015 2:15	1877400.001	0.546	21.386	6.782
10/1/2015 2:30	1878300.001	0.547	21.364	6.78
10/1/2015 2:45	1879200.001	0.547	21.38	6.781
10/1/2015 3:00	1880100.001	0.549	21.408	6.776

Date and Time	Seconds	Pressure (PSI)	Temperature (C)	Level Depth To Water (ft)
10/1/2015 3:15	1881000.001	0.545	21.396	6.786
10/1/2015 3:30	1881900.001	0.547	21.346	6.78
10/1/2015 3:45	1882800.001	0.545	21.379	6.784
10/1/2015 4:00	1883700.001	0.548	21.369	6.778
10/1/2015 4:15	1884600.001	0.547	21.394	6.781
10/1/2015 4:30	1885500.001	0.548	21.391	6.777
10/1/2015 4:45	1886400.001	0.547	21.369	6.781
10/1/2015 5:00	1887300.001	0.548	21.374	6.777
10/1/2015 5:15	1888200.001	0.548	21.395	6.778
10/1/2015 5:30	1889100.001	0.549	21.38	6.776
10/1/2015 5:45	1890000.001	0.548	21.386	6.779
10/1/2015 6:00	1890900.001	0.548	21.403	6.779
10/1/2015 6:15	1891800.001	0.549	21.356	6.775
10/1/2015 6:30	1892700.001	0.547	21.365	6.781
10/1/2015 6:45	1893600.001	0.547	21.379	6.779
10/1/2015 7:00	1894500.001	0.548	21.36	6.778
10/1/2015 7:15	1895400.001	0.548	21.378	6.778
10/1/2015 7:30	1896300.001	0.547	21.363	6.781
10/1/2015 7:45	1897200.001	0.547	21.363	6.78
10/1/2015 8:00	1898100.001	0.547	21.378	6.78
10/1/2015 8:15	1899000.001	0.548	21.369	6.778
10/1/2015 8:30	1899900.001	0.547	21.356	6.78
10/1/2015 8:45	1900800.001	0.546	21.361	6.784
10/1/2015 9:00	1901700.001	0.547	21.364	6.781
10/1/2015 9:15	1902600.001	0.546	21.386	6.782
10/1/2015 9:30	1903500.001	0.547	21.358	6.781
10/1/2015 9:45	1904400.001	0.546	21.356	6.782
10/1/2015 10:00	1905300.001	0.546	21.364	6.783
10/1/2015 10:15	1906200.001	0.546	21.371	6.782
10/1/2015 10:30	1907100.001	0.547	21.376	6.781
10/1/2015 10:45	1908000.001	0.547	21.384	6.779
10/1/2015 11:00	1908900.001	0.548	21.356	6.779
10/1/2015 11:15	1909800.001	0.549	21.361	6.776
10/1/2015 11:30	1910700.001	0.548	21.351	6.777
10/1/2015 11:45	1911600.001	0.547	21.369	6.78
10/1/2015 12:00	1912500.001	0.547	21.356	6.781
10/1/2015 12:15	1913400.001	0.546	21.35	6.782
10/1/2015 12:30	1914300.001	0.544	21.353	6.787
10/1/2015 12:45	1915200.001	0.549	21.353	6.776
10/1/2015 13:00	1916100.001	0.548	21.343	6.777
10/1/2015 13:15	1917000.001	0.548	21.342	6.778
10/1/2015 13:30	1917900.001	0.548	21.339	6.777
10/1/2015 13:45	1918800.001	0.548	21.357	6.779
10/1/2015 14:00	1919700.001	0.549	21.369	6.777
10/1/2015 14:15	1920600.001	0.548	21.332	6.779

Date and Time	Seconds	Pressure (PSI)	Temperature (C)	Level Depth To Water (ft)
10/1/2015 14:30	1921500.001	0.547	21.346	6.78
10/1/2015 14:45	1922400.001	0.546	21.358	6.782
10/1/2015 15:00	1923300.001	0.55	21.339	6.774
10/1/2015 15:15	1924200.001	0.546	21.322	6.783
10/1/2015 15:30	1925100.001	0.547	21.323	6.781
10/1/2015 15:45	1926000.001	0.546	21.317	6.782
10/1/2015 16:00	1926900.001	0.548	21.338	6.779
10/1/2015 16:15	1927800.001	0.546	21.34	6.783
10/1/2015 16:30	1928700.001	0.548	21.329	6.777
10/1/2015 16:45	1929600.001	0.548	21.369	6.777
10/1/2015 17:00	1930500.001	0.548	21.317	6.779
10/1/2015 17:15	1931400.001	0.548	21.354	6.779
10/1/2015 17:30	1932300.001	0.549	21.333	6.776
10/1/2015 17:45	1933200.001	0.547	21.349	6.779
10/1/2015 18:00	1934100.001	0.547	21.31	6.781
10/1/2015 18:15	1935000.001	0.547	21.306	6.78
10/1/2015 18:30	1935900.001	0.548	21.321	6.778
10/1/2015 18:45	1936800.001	0.546	21.301	6.782
10/1/2015 19:00	1937700.001	0.548	21.346	6.778
10/1/2015 19:15	1938600.001	0.547	21.32	6.78
10/1/2015 19:30	1939500.001	0.548	21.323	6.779
10/1/2015 19:45	1940400.001	0.548	21.317	6.778
10/1/2015 20:00	1941300.001	0.548	21.317	6.778
10/1/2015 20:15	1942200.001	0.55	21.286	6.774
10/1/2015 20:30	1943100.001	0.548	21.321	6.778
10/1/2015 20:45	1944000.001	0.549	21.317	6.776
10/1/2015 21:00	1944900.001	0.548	21.305	6.779
10/1/2015 21:15	1945800.001	0.55	21.317	6.774
10/1/2015 21:30	1946700.001	0.548	21.314	6.779
10/1/2015 21:45	1947600.001	0.546	21.305	6.782
10/1/2015 22:00	1948500.001	0.547	21.302	6.78
10/1/2015 22:15	1949400.001	0.548	21.322	6.779
10/1/2015 22:30	1950300.001	0.547	21.298	6.781
10/1/2015 22:45	1951200.001	0.546	21.316	6.783
10/1/2015 23:00	1952100.001	0.548	21.311	6.777
10/1/2015 23:15	1953000.001	0.549	21.31	6.777
10/1/2015 23:30	1953900.001	0.547	21.297	6.781
10/1/2015 23:45	1954800.001	0.545	21.29	6.785
10/2/2015 0:00	1955700.001	0.548	21.279	6.777
10/2/2015 0:15	1956600.001	0.547	21.328	6.781
10/2/2015 0:30	1957500.001	0.546	21.314	6.783
10/2/2015 0:45	1958400.001	0.549	21.292	6.776
10/2/2015 1:00	1959300.001	0.547	21.303	6.78
10/2/2015 1:15	1960200.001	0.549	21.289	6.777
10/2/2015 1:30	1961100.001	0.55	21.292	6.774

Date and Time	Seconds	Pressure (PSI)	Temperature (C)	Level Depth To Water (ft)
10/2/2015 1:45	1962000.001	0.548	21.275	6.778
10/2/2015 2:00	1962900.001	0.547	21.309	6.781
10/2/2015 2:15	1963800.001	0.547	21.286	6.78
10/2/2015 2:30	1964700.001	0.547	21.287	6.779
10/2/2015 2:45	1965600.001	0.549	21.309	6.776
10/2/2015 3:00	1966500.001	0.546	21.307	6.783
10/2/2015 3:15	1967400.001	0.546	21.313	6.782
10/2/2015 3:30	1968300.001	0.546	21.281	6.782
10/2/2015 3:45	1969200.001	0.547	21.294	6.779
10/2/2015 4:00	1970100.001	0.548	21.289	6.779
10/2/2015 4:15	1971000.001	0.548	21.309	6.779
10/2/2015 4:30	1971900.001	0.546	21.275	6.783
10/2/2015 4:45	1972800.001	0.547	21.269	6.781
10/2/2015 5:00	1973700.001	0.547	21.269	6.781
10/2/2015 5:15	1974600.001	0.547	21.289	6.78
10/2/2015 5:30	1975500.001	0.546	21.281	6.783
10/2/2015 5:45	1976400.001	0.548	21.29	6.777
10/2/2015 6:00	1977300.001	0.547	21.28	6.781
10/2/2015 6:15	1978200.001	0.545	21.277	6.785
10/2/2015 6:30	1979100.001	0.548	21.296	6.779
10/2/2015 6:45	1980000.001	0.548	21.279	6.777
10/2/2015 7:00	1980900.001	0.548	21.277	6.779
10/2/2015 7:15	1981800.001	0.546	21.278	6.782
10/2/2015 7:30	1982700.001	0.549	21.293	6.775
10/2/2015 7:45	1983600.001	0.546	21.279	6.782
10/2/2015 8:00	1984500.001	0.549	21.294	6.775
10/2/2015 8:15	1985400.001	0.546	21.307	6.782
10/2/2015 8:30	1986300.001	0.548	21.29	6.777
10/2/2015 8:45	1987200.001	0.547	21.282	6.781
10/2/2015 9:00	1988100.001	0.548	21.274	6.778
10/2/2015 9:15	1989000.001	0.547	21.277	6.781
10/2/2015 9:30	1989900.001	0.547	21.286	6.781
10/2/2015 9:45	1990800.001	0.549	21.281	6.776
10/2/2015 10:00	1991700.001	0.548	21.279	6.778
10/2/2015 10:15	1992600.001	0.546	21.306	6.782
10/2/2015 10:30	1993500.001	0.546	21.279	6.784
10/2/2015 10:45	1994400.001	0.548	21.281	6.778
10/2/2015 11:00	1995300.001	0.548	21.261	6.778
10/2/2015 11:15	1996200.001	0.547	21.271	6.779
10/2/2015 11:30	1997100.001	0.55	21.26	6.774
10/2/2015 11:45	1998000.001	0.548	21.279	6.778
10/2/2015 12:00	1998900.001	0.546	21.285	6.782
10/2/2015 12:15	1999800.001	0.548	21.252	6.779
10/2/2015 12:30	2000700.001	0.548	21.289	6.779
10/2/2015 12:45	2001600.001	0.55	21.285	6.773

Date and Time	Seconds	Pressure (PSI)	Temperature (C)	Level Depth To Water (ft)
10/2/2015 13:00	2002500.001	0.545	21.278	6.784
10/2/2015 13:15	2003400.001	0.55	21.276	6.774
10/2/2015 13:30	2004300.001	0.546	21.259	6.782
10/2/2015 13:45	2005200.001	0.546	21.266	6.782
10/2/2015 14:00	2006100.001	0.547	21.26	6.78
10/2/2015 14:15	2007000.001	0.547	21.256	6.781
10/2/2015 14:30	2007900.001	0.548	21.282	6.777
10/2/2015 14:45	2008800.001	0.547	21.284	6.781
10/2/2015 15:00	2009700.001	0.548	21.255	6.778
10/2/2015 15:15	2010600.001	0.55	21.243	6.773
10/2/2015 15:30	2011500.001	0.547	21.25	6.781
10/2/2015 15:45	2012400.001	0.548	21.263	6.779
10/2/2015 16:00	2013300.001	0.546	21.27	6.782
10/2/2015 16:15	2014200.001	0.549	21.278	6.775
10/2/2015 16:30	2015100.001	0.549	21.261	6.776
10/2/2015 16:45	2016000.001	0.548	21.26	6.778
10/2/2015 17:00	2016900.001	0.547	21.252	6.78
10/2/2015 17:15	2017800.001	0.548	21.27	6.779
10/2/2015 17:30	2018700.001	0.548	21.239	6.777
10/2/2015 17:45	2019600.001	0.547	21.253	6.779
10/2/2015 18:00	2020500.001	0.546	21.256	6.782
10/2/2015 18:15	2021400.001	0.546	21.248	6.782
10/2/2015 18:30	2022300.001	0.546	21.223	6.783
10/2/2015 18:45	2023200.001	0.547	21.243	6.781
10/2/2015 19:00	2024100.001	0.549	21.257	6.776
10/2/2015 19:15	2025000.001	0.546	21.235	6.783
10/2/2015 19:30	2025900.001	0.548	21.248	6.779
10/2/2015 19:45	2026800.001	0.547	21.243	6.781
10/2/2015 20:00	2027700.001	0.548	21.255	6.778
10/2/2015 20:15	2028600.001	0.545	21.248	6.785
10/2/2015 20:30	2029500.001	0.549	21.252	6.775
10/2/2015 20:45	2030400.001	0.546	21.243	6.783
10/2/2015 21:00	2031300.001	0.548	21.24	6.779
10/2/2015 21:15	2032200.001	0.547	21.246	6.78
10/2/2015 21:30	2033100.001	0.548	21.222	6.778
10/2/2015 21:45	2034000.001	0.547	21.234	6.78
10/2/2015 22:00	2034900.001	0.548	21.236	6.778
10/2/2015 22:15	2035800.001	0.547	21.229	6.78
10/2/2015 22:30	2036700.001	0.549	21.212	6.777
10/2/2015 22:45	2037600.001	0.548	21.223	6.778
10/2/2015 23:00	2038500.001	0.547	21.222	6.781
10/2/2015 23:15	2039400.001	0.544	21.193	6.787
10/2/2015 23:30	2040300.001	0.548	21.241	6.777
10/2/2015 23:45	2041200.001	0.548	21.214	6.777
10/3/2015 0:00	2042100.001	0.548	21.232	6.778

Date and Time	Seconds	Pressure (PSI)	Temperature (C)	Level Depth To Water (ft)
10/3/2015 0:15	2043000.001	0.546	21.217	6.782
10/3/2015 0:30	2043900.001	0.545	21.237	6.784
10/3/2015 0:45	2044800.001	0.547	21.212	6.78
10/3/2015 1:00	2045700.001	0.546	21.224	6.782
10/3/2015 1:15	2046600.001	0.548	21.206	6.779
10/3/2015 1:30	2047500.001	0.548	21.2	6.777
10/3/2015 1:45	2048400.001	0.548	21.238	6.778
10/3/2015 2:00	2049300.001	0.548	21.229	6.778
10/3/2015 2:15	2050200.001	0.548	21.222	6.779
10/3/2015 2:30	2051100.001	0.548	21.235	6.777
10/3/2015 2:45	2052000.001	0.547	21.228	6.781
10/3/2015 3:00	2052900.001	0.548	21.23	6.778
10/3/2015 3:15	2053800.001	0.549	21.235	6.777
10/3/2015 3:30	2054700.001	0.548	21.227	6.777
10/3/2015 3:45	2055600.001	0.547	21.202	6.781
10/3/2015 4:00	2056500.001	0.548	21.225	6.779
10/3/2015 4:15	2057400.001	0.547	21.218	6.78
10/3/2015 4:30	2058300.001	0.547	21.209	6.781
10/3/2015 4:45	2059200.001	0.546	21.212	6.784
10/3/2015 5:00	2060100.001	0.546	21.21	6.782
10/3/2015 5:15	2061000.001	0.547	21.211	6.78
10/3/2015 5:30	2061900.001	0.547	21.227	6.781
10/3/2015 5:45	2062800.001	0.547	21.208	6.78
10/3/2015 6:00	2063700.001	0.546	21.225	6.784
10/3/2015 6:15	2064600.001	0.548	21.215	6.779
10/3/2015 6:30	2065500.001	0.547	21.183	6.78
10/3/2015 6:45	2066400.001	0.549	21.17	6.775
10/3/2015 7:00	2067300.001	0.548	21.243	6.778
10/3/2015 7:15	2068200.001	0.549	21.2	6.777
10/3/2015 7:30	2069100.001	0.545	21.203	6.786
10/3/2015 7:45	2070000.001	0.546	21.24	6.783
10/3/2015 8:00	2070900.001	0.545	21.192	6.786
10/3/2015 8:15	2071800.001	0.547	21.208	6.781
10/3/2015 8:30	2072700.001	0.547	21.188	6.78
10/3/2015 8:45	2073600.001	0.548	21.197	6.779
10/3/2015 9:00	2074500.001	0.548	21.189	6.779
10/3/2015 9:15	2075400.001	0.548	21.19	6.779
10/3/2015 9:30	2076300.001	0.547	21.225	6.779
10/3/2015 9:45	2077200.001	0.547	21.203	6.78
10/3/2015 10:00	2078100.001	0.548	21.189	6.778
10/3/2015 10:15	2079000.001	0.548	21.186	6.778
10/3/2015 10:30	2079900.001	0.547	21.192	6.781
10/3/2015 10:45	2080800.001	0.549	21.208	6.776
10/3/2015 11:00	2081700.001	0.548	21.199	6.778
10/3/2015 11:15	2082600.001	0.547	21.203	6.78

Date and Time	Seconds	Pressure (PSI)	Temperature (C)	Level Depth To Water (ft)
10/3/2015 11:30	2083500.001	0.547	21.187	6.78
10/3/2015 11:45	2084400.001	0.547	21.205	6.779
10/3/2015 12:00	2085300.001	0.547	21.185	6.781
10/3/2015 12:15	2086200.001	0.549	21.188	6.777
10/3/2015 12:30	2087100.001	0.548	21.189	6.777
10/3/2015 12:45	2088000.001	0.548	21.181	6.778
10/3/2015 13:00	2088900.001	0.546	21.176	6.782
10/3/2015 13:15	2089800.001	0.546	21.179	6.783
10/3/2015 13:30	2090700.001	0.548	21.167	6.779
10/3/2015 13:45	2091600.001	0.548	21.192	6.778
10/3/2015 14:00	2092500.001	0.549	21.176	6.775
10/3/2015 14:15	2093400.001	0.547	21.17	6.779
10/3/2015 14:30	2094300.001	0.545	21.18	6.784
10/3/2015 14:45	2095200.001	0.547	21.138	6.78
10/3/2015 15:00	2096100.001	0.549	21.153	6.776
10/3/2015 15:15	2097000.001	0.547	21.166	6.779
10/3/2015 15:30	2097900.001	0.547	21.148	6.781
10/3/2015 15:45	2098800.001	0.545	21.173	6.785
10/3/2015 16:00	2099700.001	0.545	21.141	6.786
10/3/2015 16:15	2100600.001	0.547	21.17	6.781
10/3/2015 16:30	2101500.001	0.547	21.143	6.781
10/3/2015 16:45	2102400.001	0.545	21.158	6.784
10/3/2015 17:00	2103300.001	0.545	21.129	6.784
10/3/2015 17:15	2104200.001	0.548	21.149	6.779
10/3/2015 17:30	2105100.001	0.548	21.166	6.778
10/3/2015 17:45	2106000.001	0.546	21.123	6.782
10/3/2015 18:00	2106900.001	0.547	21.14	6.781
10/3/2015 18:15	2107800.001	0.548	21.133	6.779
10/3/2015 18:30	2108700.001	0.547	21.126	6.781
10/3/2015 18:45	2109600.001	0.547	21.133	6.78
10/3/2015 19:00	2110500.001	0.546	21.122	6.783
10/3/2015 19:15	2111400.001	0.546	21.135	6.783
10/3/2015 19:30	2112300.001	0.549	21.136	6.777
10/3/2015 19:45	2113200.001	0.546	21.145	6.782
10/3/2015 20:00	2114100.001	0.548	21.122	6.777
10/3/2015 20:15	2115000.001	0.548	21.112	6.779
10/3/2015 20:30	2115900.001	0.545	21.128	6.784
10/3/2015 20:45	2116800.001	0.547	21.112	6.78
10/3/2015 21:00	2117700.001	0.546	21.111	6.783
10/3/2015 21:15	2118600.001	0.546	21.077	6.783
10/3/2015 21:30	2119500.001	0.547	21.104	6.78
10/3/2015 21:45	2120400.001	0.547	21.098	6.78
10/3/2015 22:00	2121300.001	0.546	21.12	6.782
10/3/2015 22:15	2122200.001	0.547	21.099	6.781
10/3/2015 22:30	2123100.001	0.546	21.088	6.782

Date and Time	Seconds	Pressure (PSI)	Temperature (C)	Level Depth To Water (ft)
10/3/2015 22:45	2124000.001	0.549	21.11	6.776
10/3/2015 23:00	2124900.001	0.547	21.1	6.779
10/3/2015 23:15	2125800.001	0.547	21.102	6.78
10/3/2015 23:30	2126700.001	0.547	21.079	6.779
10/3/2015 23:45	2127600.001	0.546	21.092	6.782
10/4/2015 0:00	2128500.001	0.549	21.048	6.777
10/4/2015 0:15	2129400.001	0.546	21.092	6.783
10/4/2015 0:30	2130300.001	0.546	21.047	6.783
10/4/2015 0:45	2131200.001	0.547	21.086	6.781
10/4/2015 1:00	2132100.001	0.546	21.053	6.783
10/4/2015 1:15	2133000.001	0.546	21.08	6.783
10/4/2015 1:30	2133900.001	0.549	21.049	6.777
10/4/2015 1:45	2134800.001	0.545	21.069	6.785
10/4/2015 2:00	2135700.001	0.55	21.056	6.774
10/4/2015 2:15	2136600.001	0.547	21.049	6.781
10/4/2015 2:30	2137500.001	0.545	21.038	6.784
10/4/2015 2:45	2138400.001	0.548	21.009	6.778
10/4/2015 3:00	2139300.001	0.548	21.04	6.777
10/4/2015 3:15	2140200.001	0.546	21.045	6.784
10/4/2015 3:30	2141100.001	0.547	21.035	6.781
10/4/2015 3:45	2142000.001	0.548	21.007	6.778
10/4/2015 4:00	2142900.001	0.547	21.026	6.78
10/4/2015 4:15	2143800.001	0.549	21.008	6.776
10/4/2015 4:30	2144700.001	0.547	21.004	6.78
10/4/2015 4:45	2145600.001	0.548	20.995	6.778
10/4/2015 5:00	2146500.001	0.547	21.016	6.781
10/4/2015 5:15	2147400.001	0.546	21.026	6.782
10/4/2015 5:30	2148300.001	0.548	20.982	6.778
10/4/2015 5:45	2149200.001	0.546	20.996	6.782
10/4/2015 6:00	2150100.001	0.547	20.969	6.779
10/4/2015 6:15	2151000.001	0.548	20.979	6.778
10/4/2015 6:30	2151900.001	0.547	20.973	6.781
10/4/2015 6:45	2152800.001	0.548	20.986	6.779
10/4/2015 7:00	2153700.001	0.547	20.969	6.78
10/4/2015 7:15	2154600.001	0.547	20.975	6.781
10/4/2015 7:30	2155500.001	0.547	20.955	6.78
10/4/2015 7:45	2156400.001	0.547	20.936	6.781
10/4/2015 8:00	2157300.001	0.549	20.945	6.777
10/4/2015 8:15	2158200.001	0.547	20.929	6.78
10/4/2015 8:30	2159100.001	0.547	20.927	6.781
10/4/2015 8:45	2160000.001	0.546	20.932	6.784
10/4/2015 9:00	2160900.001	0.548	20.936	6.779
10/4/2015 9:15	2161800.001	0.548	20.938	6.779
10/4/2015 9:30	2162700.001	0.546	20.931	6.782
10/4/2015 9:45	2163600.001	0.547	20.899	6.78

Date and Time	Seconds	Pressure (PSI)	Temperature (C)	Level Depth To Water (ft)
10/4/2015 10:00	2164500.001	0.548	20.908	6.778
10/4/2015 10:15	2165400.001	0.546	20.898	6.783
10/4/2015 10:30	2166300.001	0.547	20.891	6.78
10/4/2015 10:45	2167200.001	0.547	20.885	6.781
10/4/2015 11:00	2168100.001	0.547	20.883	6.781
10/4/2015 11:15	2169000.001	0.546	20.909	6.783
10/4/2015 11:30	2169900.001	0.546	20.898	6.782
10/4/2015 11:45	2170800.001	0.548	20.897	6.779
10/4/2015 12:00	2171700.001	0.546	20.87	6.782
10/4/2015 12:15	2172600.001	0.548	20.878	6.777
10/4/2015 12:30	2173500.001	0.546	20.854	6.783
10/4/2015 12:45	2174400.001	0.545	20.845	6.784
10/4/2015 13:00	2175300.001	0.547	20.864	6.78
10/4/2015 13:15	2176200.001	0.546	20.879	6.782
10/4/2015 13:30	2177100.001	0.548	20.846	6.778
10/4/2015 13:45	2178000.001	0.547	20.837	6.78
10/4/2015 14:00	2178900.001	0.546	20.848	6.782
10/4/2015 14:15	2179800.001	0.548	20.844	6.778
10/4/2015 14:30	2180700.001	0.548	20.825	6.779
10/4/2015 14:45	2181600.001	0.546	20.826	6.782
10/4/2015 15:00	2182500.001	0.549	20.823	6.777
10/4/2015 15:15	2183400.001	0.546	20.827	6.782
10/4/2015 15:30	2184300.001	0.545	20.826	6.784
10/4/2015 15:45	2185200.001	0.549	20.814	6.775
10/4/2015 16:00	2186100.001	0.547	20.815	6.779
10/4/2015 16:15	2187000.001	0.545	20.843	6.785
10/4/2015 16:30	2187900.001	0.546	20.819	6.782
10/4/2015 16:45	2188800.001	0.548	20.825	6.779
10/4/2015 17:00	2189700.001	0.549	20.809	6.777
10/4/2015 17:15	2190600.001	0.548	20.79	6.777
10/4/2015 17:30	2191500.001	0.546	20.811	6.783
10/4/2015 17:45	2192400.001	0.548	20.813	6.778
10/4/2015 18:00	2193300.001	0.546	20.816	6.782
10/4/2015 18:15	2194200.001	0.546	20.824	6.783
10/4/2015 18:30	2195100.001	0.549	20.796	6.775
10/4/2015 18:45	2196000.001	0.546	20.789	6.782
10/4/2015 19:00	2196900.001	0.548	20.801	6.779
10/4/2015 19:15	2197800.001	0.548	20.8	6.778
10/4/2015 19:30	2198700.001	0.547	20.813	6.78
10/4/2015 19:45	2199600.001	0.546	20.823	6.782
10/4/2015 20:00	2200500.001	0.547	20.787	6.781
10/4/2015 20:15	2201400.001	0.545	20.782	6.784
10/4/2015 20:30	2202300.001	0.547	20.799	6.781
10/4/2015 20:45	2203200.001	0.547	20.8	6.78
10/4/2015 21:00	2204100.001	0.548	20.793	6.779

Date and Time	Seconds	Pressure (PSI)	Temperature (C)	Level Depth To Water (ft)
10/4/2015 21:15	2205000.001	0.548	20.812	6.778
10/4/2015 21:30	2205900.001	0.546	20.804	6.783
10/4/2015 21:45	2206800.001	0.545	20.802	6.784
10/4/2015 22:00	2207700.001	0.545	20.792	6.786
10/4/2015 22:15	2208600.001	0.547	20.78	6.78
10/4/2015 22:30	2209500.001	0.546	20.794	6.782
10/4/2015 22:45	2210400.001	0.549	20.786	6.775
10/4/2015 23:00	2211300.001	0.547	20.809	6.781
10/4/2015 23:15	2212200.001	0.547	20.786	6.781
10/4/2015 23:30	2213100.001	0.548	20.799	6.778
10/4/2015 23:45	2214000.001	0.547	20.8	6.781
10/5/2015 0:00	2214900.001	0.546	20.781	6.782
10/5/2015 0:15	2215800.001	0.546	20.799	6.783
10/5/2015 0:30	2216700.001	0.546	20.785	6.782
10/5/2015 0:45	2217600.001	0.546	20.789	6.783
10/5/2015 1:00	2218500.001	0.545	20.777	6.785
10/5/2015 1:15	2219400.001	0.545	20.783	6.784
10/5/2015 1:30	2220300.001	0.548	20.792	6.778
10/5/2015 1:45	2221200.001	0.547	20.786	6.781
10/5/2015 2:00	2222100.001	0.547	20.794	6.781
10/5/2015 2:15	2223000.001	0.546	20.783	6.783
10/5/2015 2:30	2223900.001	0.547	20.79	6.781
10/5/2015 2:45	2224800.001	0.547	20.799	6.781
10/5/2015 3:00	2225700.001	0.546	20.812	6.782
10/5/2015 3:15	2226600.001	0.548	20.784	6.777
10/5/2015 3:30	2227500.001	0.547	20.796	6.781
10/5/2015 3:45	2228400.001	0.547	20.778	6.781
10/5/2015 4:00	2229300.001	0.546	20.78	6.782
10/5/2015 4:15	2230200.001	0.546	20.789	6.782
10/5/2015 4:30	2231100.001	0.547	20.789	6.781
10/5/2015 4:45	2232000.001	0.547	20.806	6.78
10/5/2015 5:00	2232900.001	0.546	20.786	6.782
10/5/2015 5:15	2233800.001	0.545	20.794	6.784
10/5/2015 5:30	2234700.001	0.546	20.771	6.783
10/5/2015 5:45	2235600.001	0.546	20.773	6.784
10/5/2015 6:00	2236500.001	0.546	20.777	6.783
10/5/2015 6:15	2237400.001	0.547	20.787	6.78
10/5/2015 6:30	2238300.001	0.546	20.79	6.783
10/5/2015 6:45	2239200.001	0.545	20.76	6.786
10/5/2015 7:00	2240100.001	0.546	20.778	6.782
10/5/2015 7:15	2241000.001	0.547	20.779	6.78
10/5/2015 7:30	2241900.001	0.548	20.76	6.777
10/5/2015 7:45	2242800.001	0.548	20.768	6.779
10/5/2015 8:00	2243700.001	0.546	20.78	6.782
10/5/2015 8:15	2244600.001	0.545	20.789	6.785

Date and Time	Seconds	Pressure (PSI)	Temperature (C)	Level Depth To Water (ft)
10/5/2015 8:30	2245500.001	0.547	20.763	6.781
10/5/2015 8:45	2246400.001	0.548	20.76	6.778
10/5/2015 9:00	2247300.001	0.546	20.755	6.782
10/5/2015 9:15	2248200.001	0.548	20.781	6.778
10/5/2015 9:30	2249100.001	0.546	20.791	6.782
10/5/2015 9:45	2250000.001	0.547	20.793	6.781
10/5/2015 10:00	2250900.001	0.546	20.786	6.782
10/5/2015 10:15	2251800.001	0.548	20.78	6.779
10/5/2015 10:30	2252700.001	0.546	20.781	6.784
10/5/2015 10:45	2253600.001	0.547	20.762	6.78
10/5/2015 11:00	2254500.001	0.547	20.786	6.78
10/5/2015 11:15	2255400.001	0.549	20.772	6.776
10/5/2015 11:30	2256300.001	0.546	20.76	6.783
10/5/2015 11:45	2257200.001	0.547	20.748	6.78
10/5/2015 12:00	2258100.001	0.547	20.755	6.78
10/5/2015 12:15	2259000.001	0.547	20.743	6.779
10/5/2015 12:30	2259900.001	0.547	20.753	6.781
10/5/2015 12:45	2260800.001	0.547	20.769	6.78
10/5/2015 13:00	2261700.001	0.547	20.767	6.78
10/5/2015 13:15	2262600.001	0.545	20.747	6.784
10/5/2015 13:30	2263500.001	0.547	20.751	6.779
10/5/2015 13:45	2264400.001	0.546	20.73	6.782
10/5/2015 14:00	2265300.001	0.545	20.752	6.784
10/5/2015 14:15	2266200.001	0.549	20.734	6.775
10/5/2015 14:30	2267100.001	0.546	20.748	6.782
10/5/2015 14:45	2268000.001	0.548	20.727	6.778
10/5/2015 15:00	2268900.001	0.547	20.758	6.78
10/5/2015 15:15	2269800.001	0.546	20.74	6.782
10/5/2015 15:30	2270700.001	0.548	20.731	6.778
10/5/2015 15:45	2271600.001	0.545	20.739	6.785
10/5/2015 16:00	2272500.001	0.547	20.74	6.78
10/5/2015 16:15	2273400.001	0.543	20.746	6.789
10/5/2015 16:30	2274300.001	0.547	20.733	6.781
10/5/2015 16:45	2275200.001	0.545	20.753	6.785
10/5/2015 17:00	2276100.001	0.544	20.739	6.788
10/5/2015 17:15	2277000.001	0.547	20.727	6.78
10/5/2015 17:30	2277900.001	0.548	20.745	6.778
10/5/2015 17:45	2278800.001	0.546	20.74	6.783
10/5/2015 18:00	2279700.001	0.544	20.758	6.786
10/5/2015 18:15	2280600.001	0.547	20.771	6.781
10/5/2015 18:30	2281500.001	0.545	20.76	6.785
10/5/2015 18:45	2282400.001	0.547	20.741	6.781
10/5/2015 19:00	2283300.001	0.547	20.753	6.781
10/5/2015 19:15	2284200.001	0.546	20.726	6.782
10/5/2015 19:30	2285100.001	0.548	20.748	6.778

Date and Time	Seconds	Pressure (PSI)	Temperature (C)	Level Depth To Water (ft)
10/5/2015 19:45	2286000.001	0.546	20.755	6.782
10/5/2015 20:00	2286900.001	0.546	20.739	6.783
10/5/2015 20:15	2287800.001	0.547	20.747	6.779
10/5/2015 20:30	2288700.001	0.546	20.744	6.784
10/5/2015 20:45	2289600.001	0.546	20.723	6.783
10/5/2015 21:00	2290500.001	0.549	20.745	6.775
10/5/2015 21:15	2291400.001	0.547	20.73	6.781
10/5/2015 21:30	2292300.001	0.546	20.713	6.784
10/5/2015 21:45	2293200.001	0.546	20.729	6.783
10/5/2015 22:00	2294100.001	0.546	20.759	6.782
10/5/2015 22:15	2295000.001	0.549	20.717	6.777
10/5/2015 22:30	2295900.001	0.548	20.727	6.777
10/5/2015 22:45	2296800.001	0.548	20.722	6.779
10/5/2015 23:00	2297700.001	0.546	20.749	6.784
10/5/2015 23:15	2298600.001	0.547	20.729	6.78
10/5/2015 23:30	2299500.001	0.547	20.724	6.781
10/5/2015 23:45	2300400.001	0.546	20.719	6.783
10/6/2015 0:00	2301300.001	0.548	20.722	6.777
10/6/2015 0:15	2302200.001	0.547	20.72	6.78
10/6/2015 0:30	2303100.001	0.548	20.745	6.778
10/6/2015 0:45	2304000.001	0.548	20.743	6.779
10/6/2015 1:00	2304900.001	0.545	20.724	6.784
10/6/2015 1:15	2305800.001	0.547	20.734	6.781
10/6/2015 1:30	2306700.001	0.545	20.737	6.785
10/6/2015 1:45	2307600.001	0.547	20.698	6.78
10/6/2015 2:00	2308500.001	0.548	20.725	6.779
10/6/2015 2:15	2309400.001	0.546	20.721	6.784
10/6/2015 2:30	2310300.001	0.547	20.741	6.78
10/6/2015 2:45	2311200.001	0.548	20.742	6.779
10/6/2015 3:00	2312100.001	0.549	20.728	6.777
10/6/2015 3:15	2313000.001	0.548	20.724	6.779
10/6/2015 3:30	2313900.001	0.546	20.717	6.782
10/6/2015 3:45	2314800.001	0.546	20.726	6.782
10/6/2015 4:00	2315700.001	0.547	20.727	6.78
10/6/2015 4:15	2316600.001	0.544	20.742	6.787
10/6/2015 4:30	2317500.001	0.546	20.738	6.783
10/6/2015 4:45	2318400.001	0.549	20.733	6.776
10/6/2015 5:00	2319300.001	0.548	20.738	6.777
10/6/2015 5:15	2320200.001	0.548	20.722	6.778
10/6/2015 5:30	2321100.001	0.546	20.735	6.782
10/6/2015 5:45	2322000.001	0.547	20.728	6.781
10/6/2015 6:00	2322900.001	0.549	20.754	6.777
10/6/2015 6:15	2323800.001	0.546	20.746	6.784
10/6/2015 6:30	2324700.001	0.546	20.735	6.783
10/6/2015 6:45	2325600.001	0.546	20.754	6.782

Date and Time	Seconds	Pressure (PSI)	Temperature (C)	Level Depth To Water (ft)
10/6/2015 7:00	2326500.001	0.549	20.727	6.776
10/6/2015 7:15	2327400.001	0.544	20.743	6.787
10/6/2015 7:30	2328300.001	0.546	20.742	6.783
10/6/2015 7:45	2329200.001	0.548	20.745	6.779
10/6/2015 8:00	2330100.001	0.548	20.742	6.778
10/6/2015 8:15	2331000.001	0.545	20.74	6.785
10/6/2015 8:30	2331900.001	0.545	20.725	6.785
10/6/2015 8:45	2332800.001	0.548	20.746	6.777
10/6/2015 9:00	2333700.001	0.546	20.737	6.784
10/6/2015 9:15	2334600.001	0.548	20.75	6.779
10/6/2015 9:30	2335500.001	0.547	20.75	6.779
10/6/2015 9:45	2336400.001	0.547	20.747	6.782
10/6/2015 10:00	2337300.001	0.548	20.727	6.777
10/6/2015 10:15	2338200.001	0.547	20.766	6.78
10/6/2015 10:30	2339100.001	0.546	20.722	6.783
10/6/2015 10:45	2340000.001	0.548	20.757	6.778
10/6/2015 11:00	2340900.001	0.549	20.747	6.777
10/6/2015 11:15	2341800.001	0.546	20.745	6.783
10/6/2015 11:30	2342700.001	0.547	20.721	6.78
10/6/2015 11:45	2343600.001	0.547	20.728	6.781
10/6/2015 12:00	2344500.001	0.549	20.737	6.775
10/6/2015 12:15	2345400.001	0.547	20.753	6.78
10/6/2015 12:30	2346300.001	0.549	20.739	6.776
10/6/2015 12:45	2347200.001	0.545	20.745	6.784
10/6/2015 13:00	2348100.001	0.546	20.755	6.782
10/6/2015 13:15	2349000.001	0.546	20.749	6.782
10/6/2015 13:30	2349900.001	0.547	20.744	6.781
10/6/2015 13:45	2350800.001	0.546	20.741	6.783
10/6/2015 14:00	2351700.001	0.547	20.752	6.78
10/6/2015 14:15	2352600.001	0.547	20.742	6.781
10/6/2015 14:30	2353500.001	0.548	20.756	6.777
10/6/2015 14:45	2354400.001	0.546	20.76	6.783
10/6/2015 15:00	2355300.001	0.546	20.768	6.782
10/6/2015 15:15	2356200.001	0.546	20.743	6.782
10/6/2015 15:30	2357100.001	0.545	20.763	6.785
10/6/2015 15:45	2358000.001	0.544	20.747	6.788
10/6/2015 16:00	2358900.001	0.544	20.709	6.787
10/6/2015 16:15	2359800.001	0.548	20.737	6.778
10/6/2015 16:30	2360700.001	0.545	20.741	6.785
10/6/2015 16:45	2361600.001	0.547	20.732	6.781
10/6/2015 17:00	2362500.001	0.547	20.782	6.78
10/6/2015 17:15	2363400.001	0.547	20.763	6.779
10/6/2015 17:30	2364300.001	0.547	20.758	6.779
10/6/2015 17:45	2365200.001	0.545	20.748	6.785
10/6/2015 18:00	2366100.001	0.548	20.748	6.779

Date and Time	Seconds	Pressure (PSI)	Temperature (C)	Level Depth To Water (ft)
10/6/2015 18:15	2367000.001	0.547	20.774	6.781
10/6/2015 18:30	2367900.001	0.544	20.765	6.786
10/6/2015 18:45	2368800.001	0.546	20.75	6.782
10/6/2015 19:00	2369700.001	0.546	20.795	6.783
10/6/2015 19:15	2370600.001	0.547	20.741	6.78
10/6/2015 19:30	2371500.001	0.547	20.778	6.781
10/6/2015 19:45	2372400.001	0.547	20.753	6.78
10/6/2015 20:00	2373300.001	0.546	20.768	6.782
10/6/2015 20:15	2374200.001	0.547	20.752	6.781
10/6/2015 20:30	2375100.001	0.548	20.757	6.778
10/6/2015 20:45	2376000.001	0.546	20.756	6.782
10/6/2015 21:00	2376900.001	0.548	20.756	6.779
10/6/2015 21:15	2377800.001	0.547	20.772	6.781
10/6/2015 21:30	2378700.001	0.547	20.76	6.781
10/6/2015 21:45	2379600.001	0.547	20.76	6.78
10/6/2015 22:00	2380500.001	0.546	20.759	6.782
10/6/2015 22:15	2381400.001	0.546	20.762	6.783
10/6/2015 22:30	2382300.001	0.547	20.754	6.78
10/6/2015 22:45	2383200.001	0.547	20.733	6.781
10/6/2015 23:00	2384100.001	0.547	20.759	6.779
10/6/2015 23:15	2385000.001	0.547	20.773	6.781
10/6/2015 23:30	2385900.001	0.547	20.764	6.781
10/6/2015 23:45	2386800.001	0.547	20.743	6.781
10/7/2015 0:00	2387700.001	0.545	20.77	6.784
10/7/2015 0:15	2388600.001	0.549	20.77	6.777
10/7/2015 0:30	2389500.001	0.545	20.767	6.784
10/7/2015 0:45	2390400.001	0.546	20.754	6.784
10/7/2015 1:00	2391300.001	0.548	20.77	6.779
10/7/2015 1:15	2392200.001	0.548	20.759	6.778
10/7/2015 1:30	2393100.001	0.547	20.771	6.78
10/7/2015 1:45	2394000.001	0.547	20.763	6.78
10/7/2015 2:00	2394900.001	0.546	20.782	6.782
10/7/2015 2:15	2395800.001	0.548	20.76	6.778
10/7/2015 2:30	2396700.001	0.547	20.777	6.78
10/7/2015 2:45	2397600.001	0.546	20.763	6.783
10/7/2015 3:00	2398500.001	0.546	20.774	6.782
10/7/2015 3:15	2399400.001	0.546	20.775	6.782
10/7/2015 3:30	2400300.001	0.547	20.773	6.78
10/7/2015 3:45	2401200.001	0.547	20.762	6.782
10/7/2015 4:00	2402100.001	0.547	20.766	6.781
10/7/2015 4:15	2403000.001	0.547	20.765	6.781
10/7/2015 4:30	2403900.001	0.546	20.773	6.782
10/7/2015 4:45	2404800.001	0.548	20.777	6.779
10/7/2015 5:00	2405700.001	0.545	20.751	6.786
10/7/2015 5:15	2406600.001	0.547	20.791	6.781

Date and Time	Seconds	Pressure (PSI)	Temperature (C)	Level Depth To Water (ft)
10/7/2015 5:30	2407500.001	0.548	20.769	6.778
10/7/2015 5:45	2408400.001	0.546	20.778	6.782
10/7/2015 6:00	2409300.001	0.544	20.781	6.786
10/7/2015 6:15	2410200.001	0.545	20.771	6.784
10/7/2015 6:30	2411100.001	0.545	20.79	6.784
10/7/2015 6:45	2412000.001	0.547	20.758	6.78
10/7/2015 7:00	2412900.001	0.546	20.779	6.782
10/7/2015 7:15	2413800.001	0.547	20.769	6.781
10/7/2015 7:30	2414700.001	0.548	20.773	6.779
10/7/2015 7:45	2415600.001	0.546	20.782	6.783
10/7/2015 8:00	2416500.001	0.548	20.801	6.778
10/7/2015 8:15	2417400.001	0.546	20.789	6.783
10/7/2015 8:30	2418300.001	0.545	20.777	6.785
10/7/2015 8:45	2419200.001	0.544	20.801	6.788
10/7/2015 9:00	2420100.001	0.547	20.773	6.781
10/7/2015 9:15	2421000.001	0.544	20.78	6.787
10/7/2015 9:30	2421900.001	0.548	20.797	6.778
10/7/2015 9:45	2422800.001	0.546	20.809	6.782
10/7/2015 10:00	2423700.001	0.547	20.798	6.781
10/7/2015 10:15	2424600.001	0.546	20.81	6.783
10/7/2015 10:30	2425500.001	0.546	20.783	6.784
10/7/2015 10:45	2426400.001	0.547	20.79	6.781
10/7/2015 11:00	2427300.001	0.548	20.781	6.779
10/7/2015 11:15	2428200.001	0.546	20.799	6.783
10/7/2015 11:30	2429100.001	0.546	20.796	6.783
10/7/2015 11:45	2430000.001	0.545	20.781	6.784
10/7/2015 12:00	2430900.001	0.549	20.766	6.776
10/7/2015 12:15	2431800.001	0.548	20.786	6.779
10/7/2015 12:30	2432700.001	0.546	20.778	6.783
10/7/2015 12:45	2433600.001	0.548	20.801	6.778
10/7/2015 13:00	2434500.001	0.547	20.777	6.781
10/7/2015 13:15	2435400.001	0.548	20.785	6.779
10/7/2015 13:30	2436300.001	0.547	20.791	6.78
10/7/2015 13:45	2437200.001	0.546	20.801	6.783
10/7/2015 14:00	2438100.001	0.544	20.787	6.788
10/7/2015 14:15	2439000.001	0.546	20.785	6.784
10/7/2015 14:30	2439900.001	0.548	20.808	6.778
10/7/2015 14:45	2440800.001	0.548	20.814	6.777
10/7/2015 15:00	2441700.001	0.548	20.787	6.778
10/7/2015 15:15	2442600.001	0.545	20.794	6.784
10/7/2015 15:30	2443500.001	0.546	20.813	6.783
10/7/2015 15:45	2444400.001	0.548	20.809	6.778
10/7/2015 16:00	2445300.001	0.547	20.801	6.781
10/7/2015 16:15	2446200.001	0.546	20.797	6.782
10/7/2015 16:30	2447100.001	0.546	20.79	6.782

Date and Time	Seconds	Pressure (PSI)	Temperature (C)	Level Depth To Water (ft)
10/7/2015 16:45	2448000.001	0.547	20.799	6.78
10/7/2015 17:00	2448900.001	0.546	20.824	6.783
10/7/2015 17:15	2449800.001	0.545	20.808	6.785
10/7/2015 17:30	2450700.001	0.549	20.809	6.775
10/7/2015 17:45	2451600.001	0.546	20.787	6.783
10/7/2015 18:00	2452500.001	0.548	20.786	6.779
10/7/2015 18:15	2453400.001	0.547	20.816	6.781
10/7/2015 18:30	2454300.001	0.549	20.8	6.776
10/7/2015 18:45	2455200.001	0.546	20.811	6.782
10/7/2015 19:00	2456100.001	0.547	20.811	6.779
10/7/2015 19:15	2457000.001	0.548	20.776	6.779
10/7/2015 19:30	2457900.001	0.548	20.812	6.779
10/7/2015 19:45	2458800.001	0.548	20.798	6.778
10/7/2015 20:00	2459700.001	0.545	20.78	6.786
10/7/2015 20:15	2460600.001	0.548	20.795	6.778
10/7/2015 20:30	2461500.001	0.545	20.796	6.786
10/7/2015 20:45	2462400.001	0.548	20.794	6.779
10/7/2015 21:00	2463300.001	0.546	20.8	6.782
10/7/2015 21:15	2464200.001	0.548	20.816	6.778
10/7/2015 21:30	2465100.001	0.547	20.79	6.781
10/7/2015 21:45	2466000.001	0.547	20.801	6.779
10/7/2015 22:00	2466900.001	0.548	20.83	6.777
10/7/2015 22:15	2467800.001	0.545	20.827	6.785
10/7/2015 22:30	2468700.001	0.548	20.846	6.778
10/7/2015 22:45	2469600.001	0.548	20.827	6.779
10/7/2015 23:00	2470500.001	0.547	20.802	6.78
10/7/2015 23:15	2471400.001	0.548	20.831	6.779
10/7/2015 23:30	2472300.001	0.547	20.823	6.781
10/7/2015 23:45	2473200.001	0.547	20.809	6.781
10/8/2015 0:00	2474100.001	0.548	20.819	6.778
10/8/2015 0:15	2475000.001	0.546	20.796	6.784
10/8/2015 0:30	2475900.001	0.548	20.836	6.778
10/8/2015 0:45	2476800.001	0.548	20.812	6.778
10/8/2015 1:00	2477700.001	0.546	20.795	6.782
10/8/2015 1:15	2478600.001	0.546	20.804	6.783
10/8/2015 1:30	2479500.001	0.547	20.801	6.781
10/8/2015 1:45	2480400.001	0.544	20.83	6.788
10/8/2015 2:00	2481300.001	0.548	20.809	6.779
10/8/2015 2:15	2482200.001	0.546	20.814	6.782
10/8/2015 2:30	2483100.001	0.548	20.819	6.779
10/8/2015 2:45	2484000.001	0.546	20.835	6.784
10/8/2015 3:00	2484900.001	0.546	20.825	6.782
10/8/2015 3:15	2485800.001	0.547	20.809	6.781
10/8/2015 3:30	2486700.001	0.547	20.821	6.78
10/8/2015 3:45	2487600.001	0.544	20.833	6.787

Date and Time	Seconds	Pressure (PSI)	Temperature (C)	Level Depth To Water (ft)
10/8/2015 4:00	2488500.001	0.547	20.805	6.781
10/8/2015 4:15	2489400.001	0.546	20.812	6.783
10/8/2015 4:30	2490300.001	0.547	20.806	6.781
10/8/2015 4:45	2491200.001	0.549	20.827	6.776
10/8/2015 5:00	2492100.001	0.547	20.807	6.781
10/8/2015 5:15	2493000.001	0.548	20.816	6.779
10/8/2015 5:30	2493900.001	0.546	20.826	6.782
10/8/2015 5:45	2494800.001	0.549	20.819	6.777
10/8/2015 6:00	2495700.001	0.548	20.829	6.779
10/8/2015 6:15	2496600.001	0.548	20.845	6.779
10/8/2015 6:30	2497500.001	0.546	20.825	6.783
10/8/2015 6:45	2498400.001	0.547	20.83	6.78
10/8/2015 7:00	2499300.001	0.546	20.833	6.782
10/8/2015 7:15	2500200.001	0.545	20.825	6.784
10/8/2015 7:30	2501100.001	0.546	20.829	6.782
10/8/2015 7:45	2502000.001	0.548	20.825	6.778
10/8/2015 8:00	2502900.001	0.547	20.818	6.78
10/8/2015 8:15	2503800.001	0.545	20.828	6.784
10/8/2015 8:30	2504700.001	0.548	20.834	6.777
10/8/2015 8:45	2505600.001	0.547	20.831	6.781
10/8/2015 9:00	2506500.001	0.548	20.827	6.779
10/8/2015 9:15	2507400.001	0.547	20.825	6.78
10/8/2015 9:30	2508300.001	0.547	20.841	6.779
10/8/2015 9:45	2509200.001	0.547	20.809	6.78
10/8/2015 10:00	2510100.001	0.547	20.834	6.781
10/8/2015 10:15	2511000.001	0.548	20.845	6.778
10/8/2015 10:30	2511900.001	0.547	20.816	6.78
10/8/2015 10:45	2512800.001	0.548	20.837	6.778
10/8/2015 11:00	2513700.001	0.547	20.833	6.781
10/8/2015 11:15	2514600.001	0.547	20.811	6.78
10/8/2015 11:30	2515500.001	0.547	20.838	6.78
10/8/2015 11:45	2516400.001	0.547	20.834	6.781
10/8/2015 12:00	2517300.001	0.549	20.833	6.776
10/8/2015 12:15	2518200.001	0.547	20.838	6.78
10/8/2015 12:30	2519100.001	0.546	20.848	6.783
10/8/2015 12:45	2520000.001	0.547	20.829	6.779
10/8/2015 13:00	2520900.001	0.546	20.855	6.782
10/8/2015 13:15	2521800.001	0.547	20.848	6.78
10/8/2015 13:30	2522700.001	0.548	20.844	6.779
10/8/2015 13:45	2523600.001	0.549	20.844	6.775
10/8/2015 14:00	2524500.001	0.545	20.828	6.786
10/8/2015 14:15	2525400.001	0.546	20.871	6.784
10/8/2015 14:30	2526300.001	0.547	20.84	6.781
10/8/2015 14:45	2527200.001	0.546	20.843	6.782
10/8/2015 15:00	2528100.001	0.546	20.831	6.782

Date and Time	Seconds	Pressure (PSI)	Temperature (C)	Level Depth To Water (ft)
10/8/2015 15:15	2529000.001	0.545	20.837	6.785
10/8/2015 15:30	2529900.001	0.547	20.861	6.781
10/8/2015 15:45	2530800.001	0.547	20.843	6.781
10/8/2015 16:00	2531700.001	0.546	20.871	6.782
10/8/2015 16:15	2532600.001	0.547	20.828	6.781
10/8/2015 16:30	2533500.001	0.547	20.83	6.78
10/8/2015 16:45	2534400.001	0.546	20.814	6.783
10/8/2015 17:00	2535300.001	0.546	20.844	6.783
10/8/2015 17:15	2536200.001	0.548	20.837	6.778
10/8/2015 17:30	2537100.001	0.546	20.853	6.782
10/8/2015 17:45	2538000.001	0.546	20.846	6.782
10/8/2015 18:00	2538900.001	0.547	20.867	6.78
10/8/2015 18:15	2539800.001	0.548	20.85	6.779
10/8/2015 18:30	2540700.001	0.548	20.86	6.779
10/8/2015 18:45	2541600.001	0.547	20.849	6.78
10/8/2015 19:00	2542500.001	0.547	20.831	6.781
10/8/2015 19:15	2543400.001	0.548	20.841	6.779
10/8/2015 19:30	2544300.001	0.549	20.835	6.776
10/8/2015 19:45	2545200.001	0.544	20.866	6.786
10/8/2015 20:00	2546100.001	0.546	20.855	6.783
10/8/2015 20:15	2547000.001	0.547	20.868	6.781
10/8/2015 20:30	2547900.001	0.547	20.847	6.78
10/8/2015 20:45	2548800.001	0.546	20.849	6.782
10/8/2015 21:00	2549700.001	0.546	20.846	6.782
10/8/2015 21:15	2550600.001	0.546	20.85	6.782
10/8/2015 21:30	2551500.001	0.545	20.881	6.786
10/8/2015 21:45	2552400.001	0.546	20.856	6.784
10/8/2015 22:00	2553300.001	0.546	20.858	6.784
10/8/2015 22:15	2554200.001	0.547	20.843	6.779
10/8/2015 22:30	2555100.001	0.546	20.861	6.783
10/8/2015 22:45	2556000.001	0.547	20.863	6.781
10/8/2015 23:00	2556900.001	0.545	20.863	6.786
10/8/2015 23:15	2557800.001	0.546	20.855	6.784
10/8/2015 23:30	2558700.001	0.55	20.839	6.775
10/8/2015 23:45	2559600.001	0.546	20.865	6.784
10/9/2015 0:00	2560500.001	0.548	20.853	6.779
10/9/2015 0:15	2561400.001	0.546	20.857	6.782
10/9/2015 0:30	2562300.001	0.544	20.845	6.788
10/9/2015 0:45	2563200.001	0.546	20.841	6.783
10/9/2015 1:00	2564100.001	0.547	20.843	6.781
10/9/2015 1:15	2565000.001	0.548	20.871	6.778
10/9/2015 1:30	2565900.001	0.547	20.867	6.78
10/9/2015 1:45	2566800.001	0.547	20.872	6.78
10/9/2015 2:00	2567700.001	0.547	20.871	6.779
10/9/2015 2:15	2568600.001	0.547	20.848	6.782

Date and Time	Seconds	Pressure (PSI)	Temperature (C)	Level Depth To Water (ft)
10/9/2015 2:30	2569500.001	0.545	20.871	6.784
10/9/2015 2:45	2570400.001	0.548	20.853	6.779
10/9/2015 3:00	2571300.001	0.545	20.851	6.785
10/9/2015 3:15	2572200.001	0.547	20.881	6.781
10/9/2015 3:30	2573100.001	0.547	20.859	6.781
10/9/2015 3:45	2574000.001	0.547	20.871	6.78
10/9/2015 4:00	2574900.001	0.549	20.861	6.775
10/9/2015 4:15	2575800.001	0.547	20.863	6.781
10/9/2015 4:30	2576700.001	0.549	20.885	6.775
10/9/2015 4:45	2577600.001	0.545	20.89	6.786
10/9/2015 5:00	2578500.001	0.545	20.861	6.785
10/9/2015 5:15	2579400.001	0.546	20.887	6.782
10/9/2015 5:30	2580300.001	0.548	20.86	6.779
10/9/2015 5:45	2581200.001	0.546	20.879	6.783
10/9/2015 6:00	2582100.001	0.545	20.851	6.785
10/9/2015 6:15	2583000.001	0.546	20.863	6.783
10/9/2015 6:30	2583900.001	0.546	20.865	6.783
10/9/2015 6:45	2584800.001	0.548	20.869	6.779
10/9/2015 7:00	2585700.001	0.547	20.881	6.779
10/9/2015 7:15	2586600.001	0.548	20.87	6.779
10/9/2015 7:30	2587500.001	0.548	20.876	6.779
10/9/2015 7:45	2588400.001	0.545	20.883	6.785
10/9/2015 8:00	2589300.001	0.545	20.866	6.784
10/9/2015 8:15	2590200.001	0.546	20.85	6.783
10/9/2015 8:30	2591100.001	0.545	20.869	6.784
10/9/2015 8:45	2592000.001	0.547	20.878	6.781
10/9/2015 9:00	2592900.001	0.548	20.873	6.777
10/9/2015 9:15	2593800.001	0.547	20.855	6.781
10/9/2015 9:30	2594700.001	0.548	20.88	6.779
10/9/2015 9:45	2595600.001	0.546	20.868	6.783
10/9/2015 10:00	2596500.001	0.547	20.879	6.78
10/9/2015 10:15	2597400.001	0.547	20.886	6.781
10/9/2015 10:30	2598300.001	0.546	20.867	6.783
10/9/2015 10:45	2599200.001	0.545	20.886	6.785
10/9/2015 11:00	2600100.001	0.548	20.899	6.777
10/9/2015 11:15	2601000.001	0.546	20.891	6.783
10/9/2015 11:30	2601900.001	0.544	20.887	6.787
10/9/2015 11:45	2602800.001	0.545	20.89	6.785
10/9/2015 12:00	2603700.001	0.546	20.894	6.784
10/9/2015 12:15	2604600.001	0.547	20.86	6.781
10/9/2015 12:30	2605500.001	0.545	20.879	6.785
10/9/2015 12:45	2606400.001	0.546	20.899	6.783
10/9/2015 13:00	2607300.001	0.547	20.873	6.78
10/9/2015 13:15	2608200.001	0.547	20.871	6.78
10/9/2015 13:30	2609100.001	0.546	20.897	6.782

Date and Time	Seconds	Pressure (PSI)	Temperature (C)	Level Depth To Water (ft)
10/9/2015 13:45	2610000.001	0.547	20.902	6.78
10/9/2015 14:00	2610900.001	0.545	20.873	6.784
10/9/2015 14:15	2611800.001	0.548	20.864	6.777
10/9/2015 14:30	2612700.001	0.546	20.884	6.784
10/9/2015 14:45	2613600.001	0.548	20.879	6.779
10/9/2015 15:00	2614500.001	0.545	20.902	6.785
10/9/2015 15:15	2615400.001	0.549	20.886	6.777
10/9/2015 15:30	2616300.001	0.546	20.874	6.783
10/9/2015 15:45	2617200.001	0.548	20.887	6.777
10/9/2015 16:00	2618100.001	0.547	20.89	6.781
10/9/2015 16:15	2619000.001	0.545	20.904	6.785
10/9/2015 16:30	2619900.001	0.547	20.871	6.781
10/9/2015 16:45	2620800.001	0.547	20.899	6.781
10/9/2015 17:00	2621700.001	0.545	20.871	6.784
10/9/2015 17:15	2622600.001	0.547	20.918	6.781
10/9/2015 17:30	2623500.001	0.547	20.909	6.781
10/9/2015 17:45	2624400.001	0.548	20.871	6.779
10/9/2015 18:00	2625300.001	0.548	20.881	6.778
10/9/2015 18:15	2626200.001	0.547	20.889	6.779
10/9/2015 18:30	2627100.001	0.546	20.887	6.783
10/9/2015 18:45	2628000.001	0.546	20.875	6.782
10/9/2015 19:00	2628900.001	0.549	20.89	6.776
10/9/2015 19:15	2629800.001	0.548	20.898	6.778
10/9/2015 19:30	2630700.001	0.546	20.894	6.783
10/9/2015 19:45	2631600.001	0.548	20.899	6.778
10/9/2015 20:00	2632500.001	0.545	20.9	6.785
10/9/2015 20:15	2633400.001	0.547	20.894	6.781
10/9/2015 20:30	2634300.001	0.545	20.889	6.785
10/9/2015 20:45	2635200.001	0.549	20.901	6.776
10/9/2015 21:00	2636100.001	0.545	20.902	6.785
10/9/2015 21:15	2637000.001	0.545	20.893	6.785
10/9/2015 21:30	2637900.001	0.546	20.897	6.782
10/9/2015 21:45	2638800.001	0.547	20.902	6.78
10/9/2015 22:00	2639700.001	0.548	20.876	6.778
10/9/2015 22:15	2640600.001	0.546	20.888	6.782
10/9/2015 22:30	2641500.001	0.546	20.894	6.782
10/9/2015 22:45	2642400.001	0.548	20.891	6.779
10/9/2015 23:00	2643300.001	0.547	20.895	6.781
10/9/2015 23:15	2644200.001	0.547	20.889	6.781
10/9/2015 23:30	2645100.001	0.548	20.925	6.779
10/9/2015 23:45	2646000.001	0.546	20.885	6.782
10/10/2015 0:00	2646900.001	0.55	20.882	6.774
10/10/2015 0:15	2647800.001	0.547	20.885	6.78
10/10/2015 0:30	2648700.001	0.547	20.895	6.781
10/10/2015 0:45	2649600.001	0.547	20.894	6.779

Date and Time	Seconds	Pressure (PSI)	Temperature (C)	Level Depth To Water (ft)
10/10/2015 1:00	2650500.001	0.544	20.878	6.786
10/10/2015 1:15	2651400.001	0.547	20.881	6.78
10/10/2015 1:30	2652300.001	0.549	20.904	6.776
10/10/2015 1:45	2653200.001	0.547	20.887	6.781
10/10/2015 2:00	2654100.001	0.546	20.899	6.783
10/10/2015 2:15	2655000.001	0.547	20.892	6.78
10/10/2015 2:30	2655900.001	0.545	20.887	6.785
10/10/2015 2:45	2656800.001	0.547	20.902	6.781
10/10/2015 3:00	2657700.001	0.546	20.891	6.783
10/10/2015 3:15	2658600.001	0.548	20.902	6.779
10/10/2015 3:30	2659500.001	0.544	20.902	6.787
10/10/2015 3:45	2660400.001	0.548	20.916	6.778
10/10/2015 4:00	2661300.001	0.547	20.876	6.78
10/10/2015 4:15	2662200.001	0.546	20.891	6.783
10/10/2015 4:30	2663100.001	0.547	20.894	6.781
10/10/2015 4:45	2664000.001	0.545	20.879	6.785
10/10/2015 5:00	2664900.001	0.549	20.879	6.776
10/10/2015 5:15	2665800.001	0.546	20.865	6.783
10/10/2015 5:30	2666700.001	0.548	20.88	6.778
10/10/2015 5:45	2667600.001	0.545	20.908	6.785
10/10/2015 6:00	2668500.001	0.547	20.885	6.781
10/10/2015 6:15	2669400.001	0.546	20.91	6.782
10/10/2015 6:30	2670300.001	0.547	20.893	6.78
10/10/2015 6:45	2671200.001	0.545	20.871	6.785
10/10/2015 7:00	2672100.001	0.544	20.896	6.788
10/10/2015 7:15	2673000.001	0.547	20.902	6.78
10/10/2015 7:30	2673900.001	0.548	20.899	6.779
10/10/2015 7:45	2674800.001	0.546	20.893	6.782
10/10/2015 8:00	2675700.001	0.548	20.871	6.777
10/10/2015 8:15	2676600.001	0.544	20.894	6.787
10/10/2015 8:30	2677500.001	0.547	20.897	6.78
10/10/2015 8:45	2678400.001	0.547	20.881	6.779
10/10/2015 9:00	2679300.001	0.548	20.894	6.777

Paducah OREIS Report for 404L15-01

L1404L1-15 from: C404L on 4/8/2015 Media: WW SmpMethod: GR

Comments:

Analysis	Results	Counting Error	Units	Result Qual	Foot Note	Reporting Limit	TPU	Method	V/V/A*
ANION									
Fluoride	8.12		mg/L			0.2		SW846-9056	I / X /
FS									
Conductivity	541		umho/cm					FS	/ /
Dissolved Oxygen	6.41		mg/L					FS	/ /
pH	7.75		Std Unit					FS	/ /
Redox	415		mV					FS	/ /
Temperature	75		deg F					FS	/ /
METAL									
Arsenic	0.00171		mg/L	J		0.005		SW846-6020	/ X /
Barium	0.0812		mg/L	E		0.002		SW846-6020	/ X /
Cadmium	0.00214		mg/L			0.001		SW846-6020	/ X /
Chromium	0.01		mg/L	U		0.01		SW846-6020	/ X /
Copper	0.00557		mg/L			0.001		SW846-6020	/ X /
Iron	0.169		mg/L			0.1		SW846-6020	/ X /
Lead	0.002		mg/L	U		0.002		SW846-6020	/ X /
Mercury	0.0002		mg/L	U		0.0002		SW846-7470A	/ X /
Nickel	0.00298		mg/L			0.002		SW846-6020	S / X /
Selenium	0.005		mg/L	U		0.005		SW846-6020	/ X /
Silver	0.001		mg/L	U		0.001		SW846-6020	/ X /
Uranium	99.7		mg/L			0.4		SW846-6020	I / X /
Zinc	0.00583		mg/L	J		0.01		SW846-6020	S / X /
PPCB									
PCB-1016	0.0952		ug/L	U		0.0952		SW846-8082	/ X /
PCB-1221	0.0952		ug/L	U		0.0952		SW846-8082	/ X /
PCB-1232	0.0952		ug/L	U		0.0952		SW846-8082	/ X /
PCB-1242	0.0952		ug/L	U		0.0952		SW846-8082	/ X /
PCB-1248	0.138		ug/L			0.0952		SW846-8082	/ X /
PCB-1254	0.0622		ug/L	JP		0.0952		SW846-8082	S / X /
PCB-1260	0.0952		ug/L	U		0.0952		SW846-8082	/ X /
PCB-1268	0.0952		ug/L	U		0.0952		SW846-8082	/ X /
Polychlorinated biphenyl	0.2		ug/L			0.0952		SW846-8082	/ X /
RADS									
Cesium-137	-2.6	2.24	pCi/L	U		2.67	2.54	EPA-901.1	/ X /
Neptunium-237	0.294	0.923	pCi/L	U		1.73	0.924	Alpha Spectroscopy	/ X /
Plutonium-239/240	0.0949	1.08	pCi/L	U		2.3	1.08	HASL 300, Pu-11-RC	/ X /
Technetium-99	219	18.5	pCi/L			21	30.5	HASL 300, Tc-02-RC	/ X /
Thorium-230	0.245	1.01	pCi/L	U		1.94	1.02	HASL 300, Th-01-RC	/ X /
Uranium-234	2890	471	pCi/L			152	688	HASL 300, U-02-RC M	/ X /
Uranium-235	570	238	pCi/L			134	258	HASL 300, U-02-RC M	/ X /
Uranium-238	35200	1630	pCi/L			58.8	6320	HASL 300, U-02-RC M	/ X /
VOA									
Trichloroethene	1		ug/L	U		1		SW846-8260B	/ X /
WETCHEM									
Ammonia as Nitrogen	0.195		mg/L			0.05		EPA-350.1	/ X /

*Verification/Validation/Assessment

Paducah OREIS Report for 404L15-01

L1404LD1-15 from: C404L on 4/8/2015 Media: WW SmpMethod: GR

Comments:

Analysis	Results	Counting Error	Units	Result Qual	Foot Note	Reporting Limit	TPU	Method	V/V/A*
ANION									
Fluoride	8.09		mg/L			0.2		SW846-9056	I / X /
FS									
Conductivity	541		umho/cm					FS	/ /
Dissolved Oxygen	6.41		mg/L					FS	/ /
pH	7.75		Std Unit					FS	/ /
Redox	415		mV					FS	/ /
Temperature	75		deg F					FS	/ /
METAL									
Arsenic	0.00186		mg/L	J		0.005		SW846-6020	/ X /
Barium	0.0773		mg/L	E		0.002		SW846-6020	/ X /
Cadmium	0.00193		mg/L			0.001		SW846-6020	/ X /
Chromium	0.01		mg/L	U		0.01		SW846-6020	/ X /
Copper	0.00542		mg/L			0.001		SW846-6020	/ X /
Iron	0.146		mg/L			0.1		SW846-6020	/ X /
Lead	0.002		mg/L	U		0.002		SW846-6020	/ X /
Mercury	0.0002		mg/L	U		0.0002		SW846-7470A	/ X /
Nickel	0.00298		mg/L			0.002		SW846-6020	S / X /
Selenium	0.005		mg/L	U		0.005		SW846-6020	/ X /
Silver	0.001		mg/L	U		0.001		SW846-6020	/ X /
Uranium	109		mg/L			0.4		SW846-6020	I / X /
Zinc	0.00568		mg/L	J		0.01		SW846-6020	S / X /
PPCB									
PCB-1016	0.0952		ug/L	U		0.0952		SW846-8082	/ X /
PCB-1221	0.0952		ug/L	U		0.0952		SW846-8082	/ X /
PCB-1232	0.0952		ug/L	U		0.0952		SW846-8082	/ X /
PCB-1242	0.0952		ug/L	U		0.0952		SW846-8082	/ X /
PCB-1248	0.134		ug/L			0.0952		SW846-8082	/ X /
PCB-1254	0.0755		ug/L	J		0.0952		SW846-8082	/ X /
PCB-1260	0.0952		ug/L	U		0.0952		SW846-8082	/ X /
PCB-1268	0.0952		ug/L	U		0.0952		SW846-8082	/ X /
Polychlorinated biphenyl	0.21		ug/L			0.0952		SW846-8082	/ X /
RADS									
Cesium-137	-0.649	4.96	pCi/L	U		8.71	4.97	EPA-901.1	/ X /
Neptunium-237	2.84	3.41	pCi/L	U		5.3	3.55	Alpha Spectroscopy	/ X /
Plutonium-239/240	0.698	1.01	pCi/L	U		1.21	1.01	HASL 300, Pu-11-RC	/ X /
Technetium-99	250	18.5	pCi/L			19.8	33.4	HASL 300, Tc-02-RC	/ X /
Thorium-230	0.933	1.52	pCi/L	U		2.53	1.54	HASL 300, Th-01-RC	/ X /
Uranium-234	3100	441	pCi/L			89.6	673	HASL 300, U-02-RC M	/ X /
Uranium-235	275	152	pCi/L			95.8	159	HASL 300, U-02-RC M	/ X /
Uranium-238	32000	1410	pCi/L			48.5	5450	HASL 300, U-02-RC M	/ X /
VOA									
Trichloroethene	1		ug/L	U		1		SW846-8260B	/ X /
WETCHEM									
Ammonia as Nitrogen	0.129		mg/L			0.05		EPA-350.1	/ X /

*Verification/Validation/Assessment

Paducah OREIS Report for 404L15-01

L2404L1-15 from: C404L on 4/8/2015 Media: WW SmpMethod: GR

Comments:

Analysis	Results	Counting Error	Units	Result Qual	Foot Note	Reporting Limit	TPU	Method	V/V/A*
ANION									
Fluoride	7.41		mg/L			0.2		SW846-9056	I / X /
FS									
Conductivity	496		umho/cm					FS	/ /
Dissolved Oxygen	6.55		mg/L					FS	/ /
pH	7.59		Std Unit					FS	/ /
Redox	438		mV					FS	/ /
Temperature	73.7		deg F					FS	/ /
METAL									
Arsenic	0.00198		mg/L	J		0.005		SW846-6020	/ X /
Barium	0.0726		mg/L	E		0.002		SW846-6020	/ X /
Cadmium	0.00233		mg/L			0.001		SW846-6020	/ X /
Chromium	0.0103		mg/L			0.01		SW846-6020	/ X /
Copper	0.0982		mg/L			0.001		SW846-6020	/ X /
Iron	0.0854		mg/L	J		0.1		SW846-6020	/ X /
Lead	0.0164		mg/L			0.002		SW846-6020	/ X /
Mercury	0.0002		mg/L	U		0.0002		SW846-7470A	/ X /
Nickel	0.00678		mg/L			0.002		SW846-6020	/ X /
Selenium	0.005		mg/L	U		0.005		SW846-6020	/ X /
Silver	0.00216		mg/L			0.001		SW846-6020	/ X /
Uranium	74.9		mg/L			0.4		SW846-6020	I / X /
Zinc	0.0481		mg/L			0.01		SW846-6020	/ X /
PPCB									
PCB-1016	0.0943		ug/L	U		0.0943		SW846-8082	/ X /
PCB-1221	0.0943		ug/L	U		0.0943		SW846-8082	/ X /
PCB-1232	0.0943		ug/L	U		0.0943		SW846-8082	/ X /
PCB-1242	0.0943		ug/L	U		0.0943		SW846-8082	/ X /
PCB-1248	0.107		ug/L			0.0943		SW846-8082	/ X /
PCB-1254	0.104		ug/L			0.0943		SW846-8082	/ X /
PCB-1260	0.132		ug/L			0.0943		SW846-8082	/ X /
PCB-1268	0.0943		ug/L	U		0.0943		SW846-8082	/ X /
Polychlorinated biphenyl	0.343		ug/L			0.0943		SW846-8082	/ X /
RADS									
Cesium-137	-0.952	3.87	pCi/L	U		5.87	3.9	EPA-901.1	/ X /
Neptunium-237	0.589	0.936	pCi/L	U		1.29	0.938	Alpha Spectroscopy	/ X /
Plutonium-239/240	-0.274	0.519	pCi/L	U		1.6	0.52	HASL 300, Pu-11-RC	/ X /
Technetium-99	175	16.7	pCi/L			19.7	25.6	HASL 300, Tc-02-RC	/ X /
Thorium-230	-0.596	0.578	pCi/L	U		2.14	0.581	HASL 300, Th-01-RC	/ X /
Uranium-234	1600	330	pCi/L			121	425	HASL 300, U-02-RC M	/ X /
Uranium-235	443	197	pCi/L			102	210	HASL 300, U-02-RC M	/ X /
Uranium-238	20900	1180	pCi/L			95.5	3690	HASL 300, U-02-RC M	/ X /
VOA									
Trichloroethene	1		ug/L	U		1		SW846-8260B	/ X /
WETCHEM									
Ammonia as Nitrogen	0.0807		mg/L			0.05		EPA-350.1	/ X /

*Verification/Validation/Assessment

FB404L1-15 from: QC on 4/8/2015 Media: WQ SmpMethod:

Comments:

Analysis	Results	Counting Error	Units	Result Qual	Foot Note	Reporting Limit	TPU	Method	V/V/A*
ANION									
Fluoride	0.1		mg/L	U		0.1		SW846-9056	/ X /
METAL									
Arsenic	0.005		mg/L	U		0.005		SW846-6020	/ X /
Barium	0.002		mg/L	UE		0.002		SW846-6020	/ X /
Cadmium	0.001		mg/L	U		0.001		SW846-6020	/ X /
Chromium	0.01		mg/L	U		0.01		SW846-6020	/ X /
Copper	0.001		mg/L	U		0.001		SW846-6020	/ X /
Iron	0.1		mg/L	U		0.1		SW846-6020	/ X /
Lead	0.002		mg/L	U		0.002		SW846-6020	/ X /
Mercury	0.0002		mg/L	U		0.0002		SW846-7470A	/ X /
Nickel	0.002		mg/L	U		0.002		SW846-6020	/ X /
Selenium	0.005		mg/L	U		0.005		SW846-6020	/ X /
Silver	0.001		mg/L	U		0.001		SW846-6020	/ X /
Uranium	0.0002		mg/L	U		0.0002		SW846-6020	/ X /
Zinc	0.00418		mg/L	J		0.01		SW846-6020	/ X /
PPCB									
PCB-1016	0.0943		ug/L	U		0.0943		SW846-8082	/ X /
PCB-1221	0.0943		ug/L	U		0.0943		SW846-8082	/ X /
PCB-1232	0.0943		ug/L	U		0.0943		SW846-8082	/ X /
PCB-1242	0.0943		ug/L	U		0.0943		SW846-8082	/ X /
PCB-1248	0.0943		ug/L	U		0.0943		SW846-8082	/ X /
PCB-1254	0.0943		ug/L	U		0.0943		SW846-8082	/ X /
PCB-1260	0.0943		ug/L	U		0.0943		SW846-8082	/ X /
PCB-1268	0.0943		ug/L	U		0.0943		SW846-8082	/ X /
Polychlorinated biphenyl	0.0943		ug/L	U		0.0943		SW846-8082	/ X /
RADS									
Cesium-137	1.37	2.91	pCi/L	U		5.43	2.97	EPA-901.1	/ X /
Neptunium-237	-0.357	0.811	pCi/L	U		2.21	0.812	Alpha Spectroscopy	/ X /
Plutonium-239/240	-0.188	0.833	pCi/L	U		2.17	0.836	HASL 300, Pu-11-RC	/ X /
Technetium-99	4.17	11.3	pCi/L	U		19.4	11.3	HASL 300, Tc-02-RC	/ X /
Thorium-230	-0.134	1.38	pCi/L	U		3.2	1.38	HASL 300, Th-01-RC	/ X /
Uranium-234	-0.0747	1.24	pCi/L	U		2.62	1.24	HASL 300, U-02-RC M	/ X /
Uranium-235	-0.0923	1.53	pCi/L	U		3.24	1.54	HASL 300, U-02-RC M	/ X /
Uranium-238	0.548	1.74	pCi/L	U		2.62	1.74	HASL 300, U-02-RC M	/ X /
VOA									
Trichloroethene	1		ug/L	U		1		SW846-8260B	/ X /
WETCHEM									
Ammonia as Nitrogen	0.09		mg/L			0.05		EPA-350.1	/ X /

TB404L1-15 from: QC on 4/8/2015 Media: WQ SmpMethod:

Comments:

Analysis	Results	Counting Error	Units	Result Qual	Foot Note	Reporting Limit	TPU	Method	V/V/A*
VOA									
Trichloroethene	1		ug/L	U		1		SW846-8260B	/ X /

*Verification/Validation/Assessment

APPENDIX D

C-404 HAZARDOUS WASTE LANDFILL GROUNDWATER FLOW RATE AND DIRECTION

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2015 ANNUAL REPORT OF THE C-404 LANDFILL HYDRAULIC FLOW RATE AND DIRECTION

The C-404 Hazardous Waste Landfill (C-404 Landfill) Permit requires annual determination of average hydraulic flow rate and direction of flow in the uppermost aquifer. The uppermost aquifer below C-404 Landfill is the Regional Gravel Aquifer (RGA). Water level measurements currently are taken from several wells at the perimeter of the C-404 Landfill on a semiannual basis. The water levels used for this analysis (taken on January 28 and August 4, 2015) were measured as closely as possible and within a 24-hour period to ensure the comparability of the data. These measurements were used to plot the potentiometric surface of the upper RGA for the January and August 2015 sampling events.

Contours for each potentiometric surface were drawn after water-level data were corrected for barometric pressure; groundwater hydraulic gradients then are calculated from the contours. The average of the gradients measured during this reporting period is the annual average groundwater hydraulic gradient for the upper RGA and is calculated at 1.15×10^{-3} ft/ft.

The hydraulic conductivity (K) values reported in the *Resource Conservation and Recovery Act (RCRA) Part B Permit Modification for Inclusion of C-404 Low-Level Radioactive/Hazardous Waste Landfill* (Clausen et al., 1992) were determined by multi-well testing and range from 21 to 140 ft/day (7.41×10^{-3} to 4.94×10^{-2} cm/s).

Multiplication of the hydraulic gradient (i) and the hydraulic conductivity (K) yields the specific discharge (q) for a unit area of the RGA. Annual average linear-flow velocity (v) is calculated by multiplying the hydraulic conductivity by the gradient and dividing by the porosity (n). It is assumed that (n) equals 25 percent in the RGA beneath the C-404 Landfill.

Table D.1 summarizes the annual average results of the calculations. Table D.2 presents the calculation information for the annual groundwater flow rate. The January and August potentiometric surface data of the upper RGA are presented in Tables D.3 and D.4, and potentiometric surface maps are presented in Figures D.1 and D.2.

Table D.1. C-404 Landfill Annual Average Groundwater Flow Rate for 2015

Hydraulic Conductivity (K) Range	Annual Average Specific Discharge (q) ft/day (cm/s)	Annual Average Linear Flow Velocity (v) ft/day (cm/s)
High K	0.16 (5.70×10^{-5})	0.65 (2.28×10^{-4})
Low K	0.02 (8.54×10^{-6})	0.10 (3.42×10^{-5})

The potentiometric contours depict the directions of hydraulic flow during each sampling event. Hydraulic flow direction beneath the C-404 Landfill generally trends northeastward, but commonly varies from northeast to north.

Table D.2. Calculation Information for the C-404 Landfill Annual Groundwater Flow Rate 2015

Upper RGA K = 21 ft/d					
	i (ft/ft)	q (ft/d)	q (cm/s)	v (ft/d)	v (cm/s)
January 2015	-1.46E-03	0.03	1.08E-05	0.12	4.32E-05
August 2015	-8.48E-04	0.02	6.29E-06	0.07	2.51E-05
Annual Average	**-1.15E-03**	**0.02**	**8.54E-06**	**0.10**	**3.42E-05**
Upper RGA K = 140 ft/d					
	i (ft/ft)	q (ft/d)	q (cm/s)	v (ft/d)	v (cm/s)
January 2015	-1.46E-03	0.20	7.20E-05	0.82	2.88E-04
August 2015	-8.48E-04	0.12	4.19E-05	0.48	1.68E-04
Annual Average	**-1.15E-03**	**0.16**	**5.70E-05**	**0.65**	**2.28E-04**

q = K*i

where
q = specific discharge (per unit area)
K = hydraulic conductivity
i = hydraulic gradient (from potentiometric map)

v = q/n

where
v = average linear velocity
q = specific discharge
n_e = porosity (assumed to be 25%

ft/ft = foot per foot
ft/d = foot per day
cm/s = centimeter/second

Table D.3. Barometric Pressure Corrections

C-404 Landfill (January 2015) Water Levels									
						Raw Data		Corrected Data*	
Date	Time	Well	Datum Elev (ft amsl)	BP (in Hg)	Delta BP (ft H_20)	DTW (ft)	Elev (ft amsl)	DTW (ft)	Elev (ft amsl)
1/28/2015	8:04	MW67	374.95	30.30	0.00	51.64	323.31	51.64	323.31
1/28/2015	9:28	MW76	376.77	30.30	0.00	53.15	323.62	53.15	323.62
1/28/2015	9:10	MW84	376.01	30.30	0.00	52.60	323.41	52.60	323.41
1/28/2015	8:02	MW87	375.79	30.30	0.00	52.51	323.28	52.51	323.28
1/28/2015	7:58	MW90A	374.20	30.30	0.00	51.02	323.18	51.02	323.18
1/28/2015	7:49	MW93	377.67	30.30	0.00	54.00	323.67	54.00	323.67
1/28/2015	7:40	MW227	378.81	30.30	0.00	55.03	323.78	55.03	323.78
1/28/2015	7:53	MW333	377.35	30.30	0.00	53.53	323.82	53.53	323.82
1/28/2015	9:18	MW337	374.67	30.30	0.00	51.03	323.64	51.03	323.64
1/28/2015	9:16	MW338	374.86	30.30	0.00	51.30	323.56	51.30	323.56
1/28/2015	7:46	MW420	377.70	30.30	0.00	54.10	323.60	54.10	323.60

Initial Barometric Pressure **30.30**
Elev = elevation
amsl = above mean sea level
BP = barometric pressure
DTW = depth to water in feet below datum
*Assumes a barometric efficiency of 1.0.

Table D.4. Barometric Pressure Corrections

C-404 Landfill (August 2015) Water Levels									
						Raw Data		*Corrected Data	
Date	Time	Well	Datum Elev (ft amsl)	BP (in Hg)	Delta BP (ft H20)	DTW (ft)	Elev (ft amsl)	DTW (ft)	Elev (ft amsl)
8/4/2015	11:30	MW67	374.95	30.00	0.00	46.38	328.57	46.38	328.57
8/4/2015	10:50	MW76	376.77	30.00	0.00	48.07	328.70	48.07	328.70
8/4/2015	12:13	MW84	376.01	29.98	0.02	47.33	328.68	47.35	328.66
8/4/2015	11:27	MW87	375.79	30.00	0.00	47.30	328.49	47.30	328.49
8/4/2015	14:52	MW90A	374.20	29.97	0.03	45.56	328.64	45.59	328.61
8/4/2015	10:56	MW93	377.67	30.00	0.00	48.78	328.89	48.78	328.89
8/4/2015	11:01	MW227	378.81	30.00	0.00	49.90	328.91	49.90	328.91
8/4/2015	10:58	MW333	377.35	30.00	0.00	48.36	328.99	48.36	328.99
8/4/2015	12:17	MW337	374.67	29.98	0.02	45.86	328.81	45.88	328.79
8/4/2015	12:16	MW338	374.86	29.98	0.02	46.13	328.73	46.15	328.71
8/4/2015	10:52	MW420	377.70	30.00	0.00	48.87	328.83	48.87	328.83

Initial Barometric Pressure **30.00**
Elev = elevation
amsl = above mean sea level
BP = barometric pressure
DTW = depth to water in feet below datum
*Assumes a barometric efficiency of 1.0.

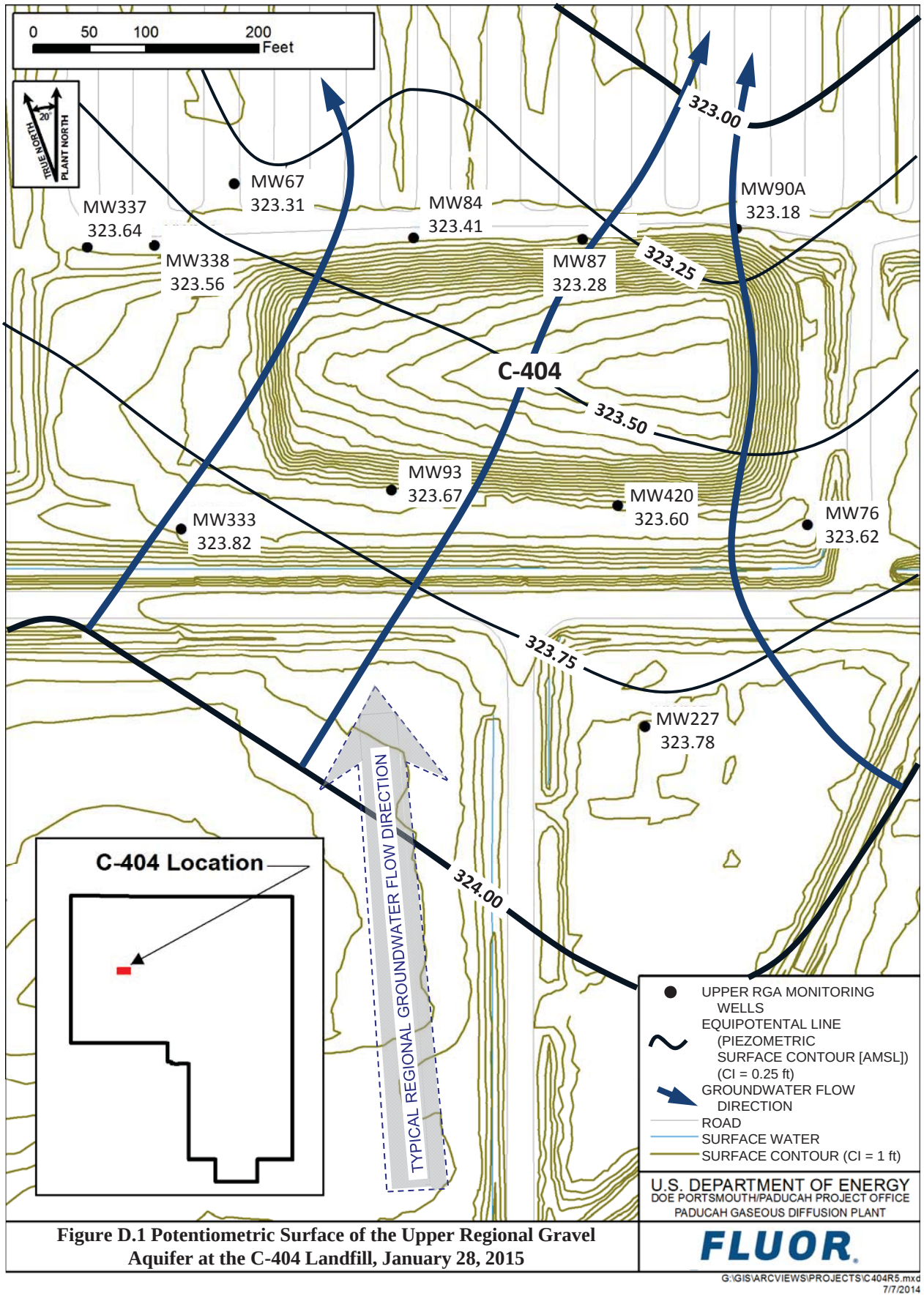

Figure D.1 Potentiometric Surface of the Upper Regional Gravel Aquifer at the C-404 Landfill, January 28, 2015

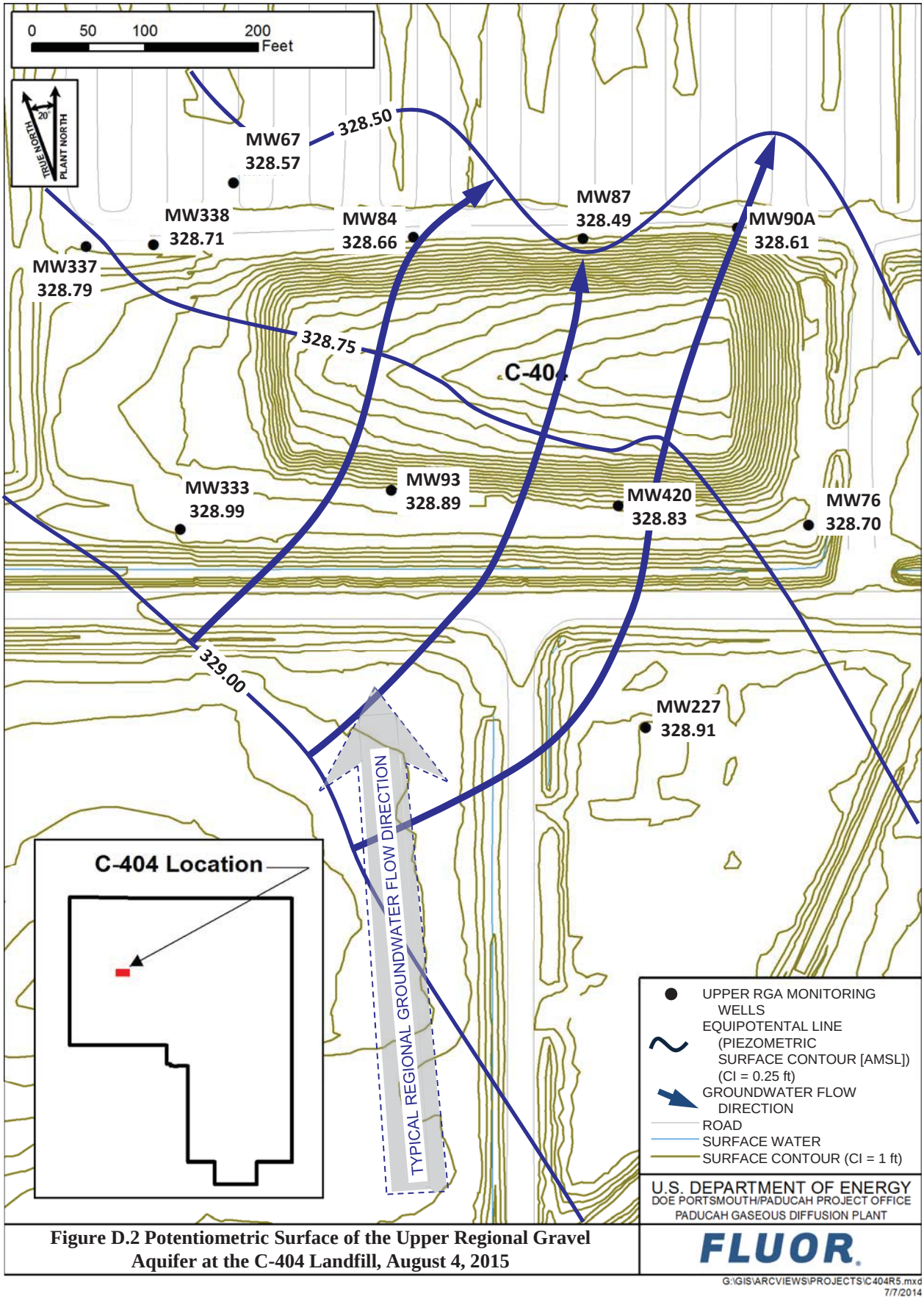

Figure D.2 Potentiometric Surface of the Upper Regional Gravel Aquifer at the C-404 Landfill, August 4, 2015

APPENDIX E

MONITORING WELL INSPECTION FORMS

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INSPECTIONS FORM

SAMPLE POINT : MW84
Location: C-404 Landfill
AKGWA Number: 8000-5233

	Accept	Reject	N/A
AKGWA Number Tag	✓		
Stamped AKGWA Number			✓
Outer Casing	✓		
Concrete Pad		✓	
Bumper Post	✓		
Painting	✓		
Cap	✓		
Road Access	✓		
Brush/Weed eating/Mowing		✓	
Fittings/Tubing/Pump Repair	✓		
Lettering/Numbers	✓		
Lock and Hasp	✓		

Comments: Pad is covered in gravel

Signature: Cody Bunter Time: 0805 Date 9-22-15

ENM-F-0039 (8/22/10)
PAD-ENM-0022

INSPECTIONS FORM

SAMPLE POINT : MW85
Location: C-404 Landfill
AKGWA Number: 8000-5234

	Accept	Reject	N/A
AKGWA Number Tag	✓		
Stamped AKGWA Number			✓
Outer Casing	✓		
Concrete Pad		✓	
Bumper Post	✓		
Painting	✓		
Cap	✓		
Road Access	✓		
Brush/Weed eating/Mowing		✓	
Fittings/Tubing/Pump Repair	✓		
Lettering/Numbers	✓		
Lock and Hasp	✓		

Comments: Pad is covered in gravel

Signature: Cory Bunte Time: 0808 Date 9-22-15

ENM-F-0040 (8/22/10)
PAD-ENM-0022

INSPECTIONS FORM

SAMPLE POINT : MW86
Location: C-404 Landfill
AKGWA Number: 8000-5235

	Accept	Reject	N/A
AKGWA Number Tag	✓		
Stamped AKGWA Number		✓	
Outer Casing	✓		
Concrete Pad		✓	
Bumper Post		✓	
Painting	✓		
Cap	✓		
Road Access	✓		
Brush/Weed eating/Mowing		✓	
Fittings/Tubing/Pump Repair	✓		
Lettering/Numbers	✓		
Lock and Hasp	✓		

Comments:

Signature: Cody Burden Time: 0810 Date 9-22-15

ENM-F-0041 (8/22/10)
PAD-ENM-0022

INSPECTIONS FORM

SAMPLE POINT : MW87
Location: C-404 Landfill
AKGWA Number: 8000-5236

	Accept	Reject	N/A
AKGWA Number Tag	✓		
Stamped AKGWA Number			✓
Outer Casing	✓		
Concrete Pad		✓	
Bumper Post	✓		
Painting	✓		
Cap	✓		
Road Access	✓		
Brush/Weed eating/Mowing		✓	
Fittings/Tubing/Pump Repair	✓		
Lettering/Numbers	✓		
Lock and Hasp	✓		

Comments: Pad is covered in gravel

Signature: Cody Bunta Time: 0812 Date 9-22-15

ENM-F-0042 (8/22/10)
PAD-ENM-0022

INSPECTIONS FORM

SAMPLE POINT : MW88
Location: C-404 Landfill
AKGWA Number: 8000-5237

	Accept	Reject	N/A
AKGWA Number Tag	✓		
Stamped AKGWA Number			✓
Outer Casing	✓		
Concrete Pad		✓	
Bumper Post	✓		
Painting	✓		
Cap	✓		
Road Access	✓		
Brush/Weed eating/Mowing		✓	
Fittings/Tubing/Pump Repair	✓		
Lettering/Numbers	✓		
Lock and Hasp	✓		

Comments: Pad is covered in gravel

Signature: Cody Bunta Time: 0816 Date 9-22-15

ENM-F-0043 (8/22/10)
PAD-ENM-0022

INSPECTIONS FORM

SAMPLE POINT : MW89
Location: C-404 Landfill
AKGWA Number: 8000-5239

	Accept	Reject	N/A
AKGWA Number Tag		✓	
Stamped AKGWA Number		✓	
Outer Casing	✓		
Concrete Pad		✓	
Bumper Post		✓	
Painting	✓		
Cap		✓	
Road Access	✓		
Brush/Weed eating/Mowing		✓	
Fittings/Tubing/Pump Repair	✓		
Lettering/Numbers		✓	
Lock and Hasp	✓		

Comments:

Signature: Cody Burton Time: 0819 Date 9-22-15

ENM-F-0044 (8/22/10)
PAD-ENM-0022

INSPECTIONS FORM

SAMPLE POINT : MW90A
Location: C-404 Landfill
AKGWA Number: 8004-0357

	Accept	Reject	N/A
AKGWA Number Tag	✓		
Stamped AKGWA Number	✓		
Outer Casing	✓		
Concrete Pad	✓		
Bumper Post	✓		
Painting	✓		
Cap	✓		
Road Access	✓		
Brush/Weed eating/Mowing	✓		
Fittings/Tubing/Pump Repair	✓		
Lettering/Numbers	✓		
Lock and Hasp	✓		

Comments:

Signature: Cody Burden Time: 0910 Date 9-22-15

ENM-F-0045 (8/22/10)
PAD-ENM-0022

INSPECTIONS FORM

SAMPLE POINT : MW91
Location: C-404 Landfill
AKGWA Number: 8000-5240

	Accept	Reject	N/A
AKGWA Number Tag	✓		
Stamped AKGWA Number			✓
Outer Casing		✓	
Concrete Pad		✓	
Bumper Post	✓		
Painting	✓		
Cap	✓		
Road Access	✓		
Brush/Weed eating/Mowing	✓		
Fittings/Tubing/Pump Repair	✓		
Lettering/Numbers		✓	
Lock and Hasp	✓		

Comments: Well is not legible. Pad is covered in gravel

Signature: Cody Barta Time: 0821 Date 9-22-15

ENM-F-0046 (8/22/10)
PAD-ENM-0022

INSPECTIONS FORM

SAMPLE POINT : MW92
Location: C-404 Landfill
AKGWA Number: 8000-5101

	Accept	Reject	N/A
AKGWA Number Tag		✓	
Stamped AKGWA Number		✓	
Outer Casing		✓	
Concrete Pad		✓	
Bumper Post		✓	
Painting		✓	
Cap	✓		
Road Access	✓		
Brush/Weed eating/Mowing		✓	
Fittings/Tubing/Pump Repair	✓		
Lettering/Numbers		✓	
Lock and Hasp	✓		

Comments:

Signature: Cody Bowles Time: 0833 Date 9-22-15

ENM-F-0047 (8/22/10)
PAD-ENM-0022

INSPECTIONS FORM

SAMPLE POINT : MW93
Location: C-404 Landfill
AKGWA Number: 8000-5102

	Accept	Reject	N/A
AKGWA Number Tag	✓		
Stamped AKGWA Number			✓
Outer Casing	✓		
Concrete Pad		✓	
Bumper Post	✓		
Painting	✓		
Cap	✓		
Road Access	✓		
Brush/Weed eating/Mowing		✓	
Fittings/Tubing/Pump Repair	✓		
Lettering/Numbers	✓		
Lock and Hasp	✓		

Comments: Pad is covered in gravel

Signature: Cody Bennett Time: 0825 Date 9-23-15

ENM-F-0048 (8/22/10)
PAD-ENM-0022

INSPECTIONS FORM

SAMPLE POINT : MW94
Location: C-404 Landfill
AKGWA Number: 8000-5103

	Accept	Reject	N/A
AKGWA Number Tag	✓		
Stamped AKGWA Number	✓		
Outer Casing	✓		
Concrete Pad	✓		
Bumper Post	✓		
Painting	✓		
Cap	✓		
Road Access	✓		
Brush/Weed eating/Mowing	✓		
Fittings/Tubing/Pump Repair	✓		
Lettering/Numbers	✓		
Lock and Hasp	✓		

Comments:

Signature: Cody Bunta Time: 0830 Date 9-22-15

ENM-F-0049 (8/22/10)
PAD-ENM-0022

INSPECTIONS FORM

SAMPLE POINT : MW95A
Location: C-404 Landfill
AKGWA Number: 8004-0356

	Accept	Reject	N/A
AKGWA Number Tag	✓		
Stamped AKGWA Number	✓		
Outer Casing	✓		
Concrete Pad	✓		
Bumper Post	✓		
Painting	✓		
Cap	✓		
Road Access	✓		
Brush/Weed eating/Mowing	✓		
Fittings/Tubing/Pump Repair	✓		
Lettering/Numbers	✓		
Lock and Hasp	✓		

Comments:

Signature: Cory Bentz Time: 0906 Date 9-22-15

ENM-F-0050 (8/22/10)
PAD-ENM-0022

INSPECTIONS FORM

SAMPLE POINT : MW226
Location: C-404 Landfill
AKGWA Number: 8000-4785

	Accept	Reject	N/A
AKGWA Number Tag	✓		
Stamped AKGWA Number	✓		
Outer Casing	✓		
Concrete Pad	✓		
Bumper Post	✓		
Painting	✓		
Cap	✓		
Road Access	✓		
Brush/Weed eating/Mowing	✓		
Fittings/Tubing/Pump Repair	✓		
Lettering/Numbers	✓		
Lock and Hasp	✓		

Comments:

Signature: Cody Barta Time: 0903 Date 8-20-15

ENM-F-0051 (8/22/10)
PAD-ENM-0022

INSPECTIONS FORM

SAMPLE POINT : MW227
Location: C-404 Landfill
AKGWA Number: 8000-4786

	Accept	Reject	N/A
AKGWA Number Tag	✓		
Stamped AKGWA Number	✓		
Outer Casing	✓		
Concrete Pad	✓		
Bumper Post	✓		
Painting	✓		
Cap	✓		
Road Access	✓		
Brush/Weed eating/Mowing	✓		
Fittings/Tubing/Pump Repair	✓		
Lettering/Numbers	✓		
Lock and Hasp	✓		

Comments:

Signature: Cory Barton Time: 0900 Date 9-22-15

ENM-F-0052 (8/22/10)
PAD-ENM-0022