LT Environmental, Inc.
4600 West 60th Avenue
Arvada, Colorado 80003
303.433.9788

October 18, 2018

Mr. Lee Pivonka
Colorado Department of Public Health and Environment
Hazardous Materials and Waste Management Division
4300 Cherry Creek Drive South
Denver, Colorado 80246-1530

RE: Groundwater and Surface Water Monitoring Report
Post-Closure Monitoring – 2018 Biennial
Operable Unit 2 (OU2) Landfill Site
Former Lowry Air Force Base
Denver, Colorado

Dear Mr. Pivonka:

LT Environmental, Inc. (LTE) has been retained by Lowry Assumption, LLC (LAC) to conduct biennial groundwater and surface water monitoring at the above referenced site (Figure 1). In accordance with the requirements set forth in the Colorado Department of Public Health and Environment (CDPHE) approved *Phase 2 Corrective Action Plan for the Operable Unit 2 Landfill Closure at Lowry* (MACTEC, 2004) (Phase 2 CAP), the Addendum to the Operable Unit 2 (OU2) Post-closure Operation, Monitoring and Maintenance (OM&M) Phase 2 CAP (LAC, 2014) and the Change in Monitoring Frequency for Operable Unit 2 (OU2) Post-closure OM&M Addendum to the Phase 2 CAP (LAC, 2017), LTE conducted the OU2 post-closure monitoring activities for 2018 during the third calendar quarter on July 24, 2018. The July 2018 monitoring event represents the completion of 12 years of post-closure monitoring.

Nine monitoring wells (LZ-13, LFPOC07 through LFPOC12, BG-5, and BG-6) and three surface water locations (SW-1, SW-2, and SW-3) were sampled on July 24, 2018. The analytical results from the July 2018 biennial groundwater and surface water monitoring activities are discussed below.

Groundwater Sampling

Depth to groundwater was measured in each monitoring well prior to purging. All monitoring wells sampled were purged with a peristaltic pump using low-flow purge methods. Measurements of temperature, pH, oxidation-reduction potential (ORP), dissolved oxygen (DO), and specific conductivity were collected, and each monitoring well was sampled after the three parameters had stabilized (i.e., reading within +/- 10 percent (%) of the previous reading). Field parameters were measured using a YSI Professional Plus® Multi-Probe Field Meter (YSI Pro® Meter). The headspace of each monitoring well was screened for volatile organic compounds (VOCs) utilizing a Mini Rae 2000® photo-ionization detector (PID) prior to purging. Groundwater was inspected for odor and the presence of phase-separated hydrocarbons (PSH). Field observations were

recorded on monitoring well development/purging forms, as well as in the field logbook. Electronic copies of the monitoring well development/purge forms are included as Attachment 1 on the enclosed compact disk (CD). Groundwater elevation data for the July 2018 event are presented in Table 1.

Groundwater samples were collected on July 24, 2018 and were containerized in laboratory-prepared hydrochloric acid (HCl) preserved 40-milliliter (ml) vials, nitric acid preserved 500-ml polyethylene bottles, and sulfuric acid preserved 250-ml amber bottles. Samples were placed on ice and delivered with a completed chain-of-custody (COC) form to ALS Laboratory Group (ALS) in Fort Collins, Colorado. In accordance with the Phase 2 CAP, groundwater samples were submitted for analysis of the following:

- Alkalinity, Carbonates, Bicarbonates by United States Environmental Protection Agency (EPA) Method 310.1;
- Gross Alpha and Gross Beta by EPA Method 9310;
- Ion Chromatography for Chloride, Nitrite, Nitrate, and Sulfate by EPA Method 9056;
- Total Organic Carbon (TOC) by EPA Method 9060;
- Total Inductively-coupled Plasma (ICP) Metals by EPA Method 6010; and
- VOCs by EPA Method 8260B.

Surface Water Sampling

Surface water samples were collected from three designated locations along Westerly Creek on July 24, 2018. The approximate surface water sample locations are depicted on Figure 1. Prior to the collection of surface water samples, water quality parameters including temperature, pH, ORP, DO, and specific conductivity were measured using a YSI Pro® Meter and recorded on the field forms. Every effort was made not to disturb creek sediment during collection of the water samples.

Surface water samples were collected and containerized in laboratory-prepared HCl preserved 40-ml vials, nitric acid preserved 500-ml polyethylene bottles, and sulfuric acid preserved 250-ml amber bottles. Samples were placed on ice and delivered with a completed COC form to ALS. In accordance with the Phase 2 CAP, surface water samples were submitted for analysis of the following:

- Alkalinity, Carbonates, Bicarbonates by EPA Method 310.1;
- Gross Alpha and Gross Beta by EPA Method 9310;
- Ion Chromatography for Chloride, Nitrite, Nitrate, and Sulfate by EPA Method 9056;
- TOC by EPA Method 9060;
- Total ICP Metals by EPA Method 6010; and

- VOCs by EPA Method 8260B.

Quality Assurance and Quality Control

Field quality control (QC) groundwater samples consisted of trip blanks and duplicate samples. One trip blank accompanied every shipment of samples to be analyzed for VOCs. Blind duplicate samples were collected from monitoring well LFPOC09 and surface water sample SW-3 for this sampling event and were analyzed for the same parameters as the routine environmental samples.

The laboratory general practices and analytical QC samples included a method blank and a matrix spike/matrix spike duplicate (MS/MSD) for each sample batch.

Groundwater Analytical Results

Table 2 summarizes VOC analytical results for all indicator parameters (IPs) in groundwater samples collected from November 2006 through July 2018. Total metals analytical results for groundwater are summarized in Table 3. Table 4 summarizes water quality parameters in groundwater, including field and laboratory results. Gross alpha and gross beta analytical results are summarized in Table 5. Groundwater analytical laboratory reports, laboratory quality assurance (QA) and QC data, and COC documentation for the July 2018 event are included on the enclosed CD as Attachment 2.

The VOC concentrations in the groundwater samples collected in July 2018 were compared to the CDPHE groundwater standards and the federal maximum contaminant level (MCL) drinking water quality standards. All the listed VOCs in the July 2018 groundwater samples were non-detect or detected below the standards for VOCs.

Total metals results indicate that no groundwater samples exceeded Colorado groundwater standards or federal drinking water MCLs for any IP metals in July 2018. Note that the approved Phase 2 CAP calls for the analysis of **total** metals following solid waste regulation (Rule 6 of the Code of Colorado Regulations [CCR] 1007-2) rather than dissolved metals on which the MCLs are largely based (Regulation 41, 5 CCR 1002-41). Because the total metals concentrations for a given sample are typically higher than dissolved metal concentrations, a more conservative comparison to the MCL is provided by the methods set forth in the Phase 2 CAP.

The upgradient monitoring well BG-5 analytical result for chloride (380 milligrams per liter [mg/L]) exceeded the CDPHE secondary drinking water standard of 250 mg/L. The reported value is similar to previous results for this well. No other water quality parameters exceeded the CDPHE standards.

During the July 2018 event, analytical results indicated that gross alpha concentrations in groundwater were detected exceeding the CDPHE groundwater standard of 15 picocuries per liter (pCi/L) in three upgradient monitoring wells (BG-5, BG-6 and LFPOC09) and six downgradient

monitoring wells (LFPOC07, LFPOC08, LFPOC10, LFPOC11, LFPOC12, and LZ-13). These results are generally consistent with previous results.

Surface Water Analytical Results

Table 2 includes VOC analytical results for the surface water samples collected from November 2006 through July 2018. Total metals analytical results for surface water samples for these monitoring events are included in Table 3. Table 4 summarizes water quality parameters for surface water samples collected. Gross alpha and gross beta analytical results for surface water samples collected during this monitoring event are included in Table 5. Surface water analytical laboratory reports, laboratory QA/QC data, and COC documentation are included on the enclosed CD as Attachment 2.

All VOCs in July 2018 surface water samples were non-detect or detected below the standards for VOCs. No total metals results from surface water samples exceeded the applicable domestic use standards set forth in Table III-Metal Parameters, Regulation 31. No analytical results for water quality parameters exceeded the applicable standards set forth for domestic use in Table II-Inorganic Parameters, Regulation 31. No gross alpha results in July 2018 surface water samples exceeded the CDPHE drinking water standard of 15 PCi/L. Gross alpha and gross beta concentrations at all three surface water locations were consistent with previous results.

Statistical Evaluation of Post-Closure Detection Monitoring Data

A statistical evaluation of the most recent biennial groundwater monitoring event was completed in accordance with the procedure described in the Phase 2 CAP. Statistics were calculated using ChemStat Version 6.1.0.0 software. The list of IPs corresponds to the list presented in Table 4.1 of Appendix G of the Phase 2 CAP. Two of the VOCs in this list, acrylonitrile and trans-1,4-dichloro-2-butene, were added to complete the suite of analytes described in the Phase 2 CAP beginning with the July 2015 sampling event.

The decision logic diagram on Figure 5.1 in Appendix G of the Phase 2 CAP was followed for the statistical evaluation of upgradient groundwater analytical data using upper prediction limits (UPLs). The results of the statistical evaluation are listed in Table 6 and the decision logic diagram is provided in Attachment 3 on the enclosed CD. A total of 77 parameters are listed in Table 6 including 19 total metals, 2 radionuclides, 47 VOCs, and 9 field and general water quality parameters.

Historical upgradient data collected between 1988 and 1997, LFSA–OU5 Remedial Investigation, were incorporated into the analysis, in addition to the data from upgradient sampling events conducted to date during post-closure monitoring. Upgradient data were analyzed to determine the relevant UPL for comparison to the results from the July 2018 sampling event from the downgradient wells.

The first step in the decision logic required calculation of the percent non-detects (NDs) in the compiled upgradient data. Upgradient data sets for each parameter were divided into three categories: greater than (>)50% NDs; between 15% and 50% NDs; and less than or equal to (≤)15% NDs. The statistical test to be performed was chosen based on these categories. Upgradient populations for all parameters with less than (<) 50% ND were tested for normality using the Shapiro-Wilks test where the populations consisted of fewer than 50 values and using the Shapiro-Francia test where populations exceeded 50 values. (All upgradient populations now exceed 50 values.) For these tests, non-detects were replaced with one half the maximum reporting limit (MRL) if <15% of the values were NDs; non-detects were represented by Cohen's adjustment if the number of NDs was between 15% and 50%. Results reported below the MRL with laboratory qualifiers of "J" have been treated as non-detects in this analysis.

Volatile Organic Compounds

Forty-three of the 47 VOCs have never been detected in the upgradient wells. The UPL for those parameters was set at 1.3 times the MRL, as stipulated in the Phase 2 CAP. Four of the 47 VOCs have been detected in the upgradient wells. These are acetone (99% NDs), benzene (98% NDs), carbon disulfide (99% NDs), and methylene chloride (93% NDs). Because each of these parameters was detected in less than 50% of the upgradient samples, the non-parametric UPL was selected. In accordance with the Phase 2 CAP, the value of the UPL was set equal to the maximum concentration observed in the compiled upgradient samples, or in cases where all the detections were below the MRL, at 1.3 times the MRL. No listed VOCs were detected above the detection limit in any of the downgradient wells during the July 2018 sampling event.

Total Metals

Fourteen of the 19 total metals were not detected in more than 50% of the upgradient samples. An additional four parameters (total barium, total calcium, total magnesium, and total potassium) were not detected in less than 50% of the upgradient samples, but the distribution of the data was neither normal nor log normal. The selected test for these 18 parameters was the non-parametric UPL, equal to the maximum detected upgradient groundwater concentration. One of the total metals (sodium) was not detected in less than 50% of the samples and the dataset was normally distributed. The NDs for this data set were replaced by a value equal to one half the MRL, and a parametric one-sided UPL was calculated with a confidence level of 99%, and with one future observation, in accordance with the Phase 2 CAP.

Each of the downgradient observations during the most recent monitoring event was compared to the calculated UPL for each of the total metals. Sodium was detected in all six of the downgradient wells (LFPOC07, LFPOC08, LFPOC10, LFPOC11, LFPOC12, and LZ-13) but all concentrations were below the calculated UPL. All other downgradient metals were below the UPLs.

Field and General Water Quality Parameters

The standard for pH is stipulated in the Phase 2 CAP to be a range of 6.0 to 9.0. All upgradient and downgradient samples had pH values within the acceptable range.

Six parameters were either detected in more than 50% of the upgradient samples and were not normally or log normally distributed (bicarbonate as CaCO3, chloride, nitrate as N, sulfate, and TOC) or were not detected in more than 50% of the samples (nitrite as N). The UPLs for these parameters were set equal to the maximum detected upgradient groundwater concentration, as stipulated in the Phase 2 CAP. One parameter (carbonate as CaCO3) was not detected in 100% of the samples. The UPL for this parameter was set equal to 1.3 times the MRL. One parameter (field conductivity) was detected in 100% of the upgradient samples and the population was log normally distributed. The parametric one-sided UPL was calculated with a confidence level of 99% for this parameter.

The observation for bicarbonate exceeded the UPL at one downgradient location (LFPOC11). All other downgradient results for water quality parameters were all below the UPLs.

Radionuclides

In accordance with the Phase 2 CAP, two radionuclides were tested (gross alpha and gross beta). Both parameters have been detected in more than 50% of the upgradient samples. Gross alpha and gross beta were not normally or log normally distributed in the upgradient wells; therefore, the non-parametric UPL was calculated for these parameters. The UPL for gross alpha was exceeded at two downgradient locations (LFPOC10 and LFPOC11). The UPL for gross beta was not exceeded at any downgradient location during this sampling event.

Summary of Statistical Analysis

Out of the 77 parameters which were statistically analyzed, only bicarbonate as CaCO3, and gross alpha had any downgradient concentrations which equaled or exceeded the UPLs in the July 2018 sampling event. No increasing trends were evident at any other locations or in any other parameters, and the July 2018 results were consistent with previous observations. All of the parameters previously analyzed will continue to be monitored in future monitoring events.

Site Update

The scheduled biennial groundwater and surface water sampling event occurred on July 24, 2018. The groundwater and surface water sampling will continue to be conducted on a biennial basis.

The annual Post-Closure Operation and Maintenance Report for the period November 2017 through October 2018 will be prepared for submittal to the CDPHE in November 2018. The next groundwater and surface water biennial sampling event is scheduled for July 2020.

Please contact our office at 303-433-9788 if you have any questions about the data provided or need further information.

Sincerely,

LT ENVIRONMENTAL, INC.

Chris Purcell C.P.G.
Senior Geologist

Chris Shephard P.E.
Chief Engineer

cc: Tom Berger – LRA
Paul F. Carroll – AFCEC
David Erickson – CCD DEH
Liia Koiv-Haus – Aurora
Paul Weaverling – IRGA (2)

Attachments:

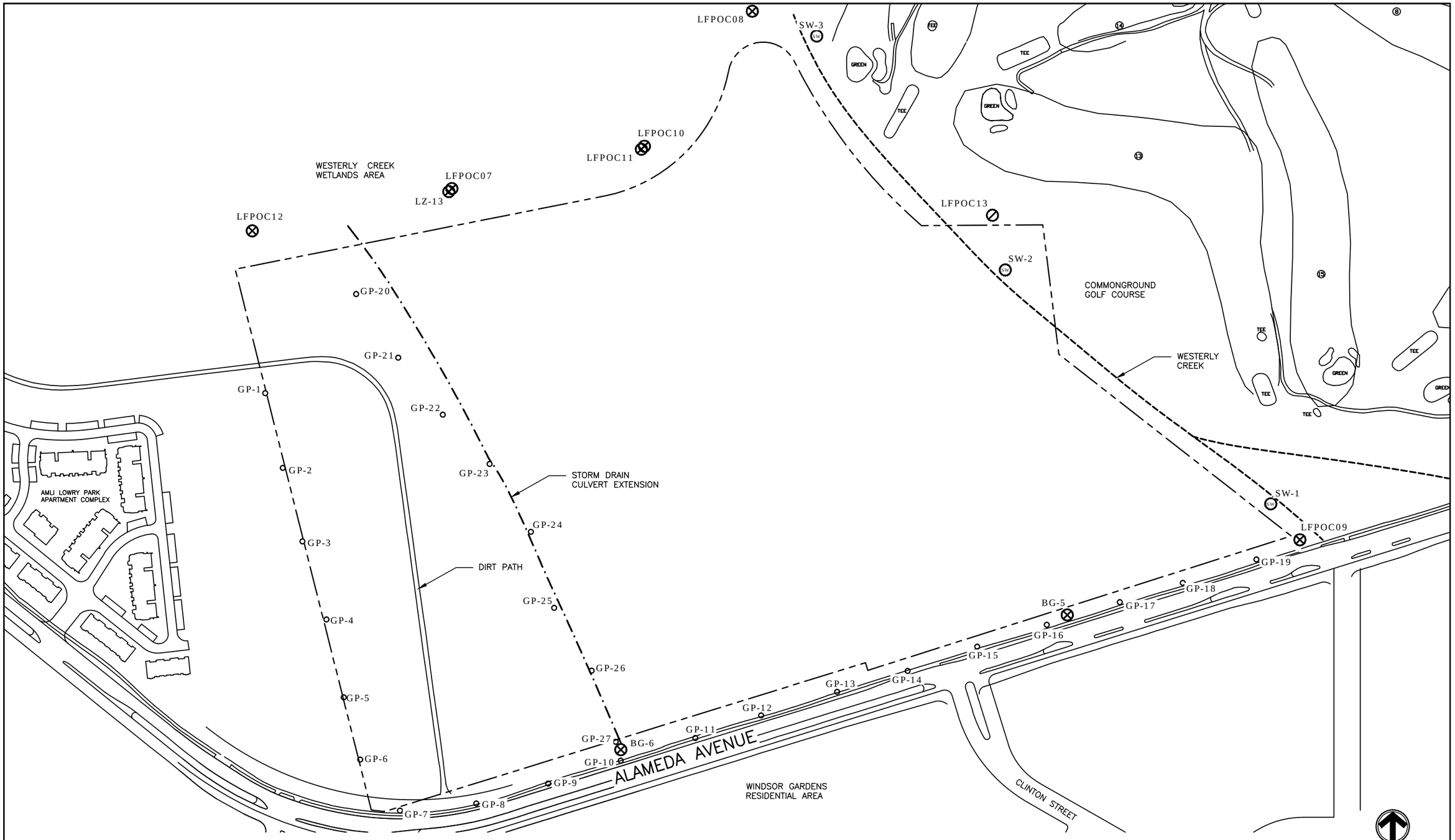
Figure 1 – Site Map

Table 1 – Groundwater Elevation
Table 2 – Laboratory Analytical Results - Volatile Organic Compounds
Table 3 – Laboratory Analytical Results - Total Metals
Table 4 – Laboratory Analytical Results - Anions, Total Organic Carbon, and Field Parameters
Table 5 – Laboratory Analytical Results - Gross Alpha and Gross Beta
Table 6 – Statistical Evaluation of Analytical Results

Provided on CD

Attachment 1 – Monitoring Well Development/Purge Forms
Attachment 2 – Groundwater and Surface Water Analytical Reports
Attachment 3 – Decision Logic Diagram

FIGURE



LEGEND

- BG-6 — POST–CLOSURE GROUNDWATER MONITORING WELL LOCATION
- LFPOC13 — ABANDONED MONITORING WELL LOCATION
- SW-1 — SURFACE WATER SAMPLING LOCATION
- GP-1 — GAS MONITORING PROBE LOCATION
- LANDFILL PROPERTY BOUNDARY

FIGURE 1
SITE MAP
LOWRY OU2 LANDFILL SITE
DENVER, COLORADO
LOWRY ASSUMPTION LLC.

LAC081101 3/14

TABLE 1
GROUNDWATER ELEVATION SUMMARY
LOWRY OU2 LANDFILL SITE
FORMER LOWRY AIR FORCE BASE
DENVER, COLORADO

Well Name	Date	TOC Elevation (ft AMSL)	Depth to GW (ft TOC)	GW Elevation (ft AMSL)
BG-5	7/24/2018	5437.11	13.85	5423.26
BG-6	7/24/2018	5437.27	12.96	5424.31
LFPOC07	7/24/2018	5396.99	3.48	5393.51
LFPOC08	7/24/2018	5410.18	13.18	5397.00
LFPOC09	7/24/2018	5437.52	16.79	5420.73
LFPOC10	7/24/2018	5413.03	13.65	5399.38
LFPOC11	7/24/2018	5413.38	13.90	5399.48
LFPOC12	7/24/2018	NM	18.45	NM
LZ-13	7/24/2018	5395.84	2.29	5393.55

Notes:

ft AMSL - feet above mean sea level
NM - Not measured
GW - groundwater
TOC - top of casing

All depths are measured from top of inner well casing.

TABLE 2
LABORATORY ANALYTICAL RESULTS - VOLATILE ORGANIC COMPOUNDS
LOWRY OU2 LANDFILL SITE
FORMER LOWRY AIR FORCE BASE
DENVER, COLORADO

Sampling Location / Well ID	Sample Date	Analytical Method	Volatile Organic Compounds (ug/L)													
			Acetone	Acrylonitrile	Benzene	Bromochloro methane	Bromodichloro methane	Bromoform	Carbon Disulfide	Carbon tetrachloride	Chlorobenzene	Chloroethane	Chloroform	Dibromochloro methane	1,2-Dibromo-3-chloropropane	1,2-Dibromo ethane
Upgradient																
BG-5	11/13/06	SW8260_25	<10	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
BG-5	2/7/07	SW8260_25	<10 (R)	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
BG-5	4/19/07	SW8260_25	<10 (R)	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
BG-5	7/23/07	SW8260_25	<10	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
BG-5	10/30/07	SW8260_25	<10	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
BG-5 (Dup)	10/30/07	SW8260_25	<10	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
BG-5	1/31/08	SW8260_25	<10	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
BG-5	5/1/08	SW8260_25	<10	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
BG-5	7/28/08	SW8260_25	<10	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
BG-5	1/21/09	SW8260_25	<10	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
BG-5	7/28/09	SW8260_25	<10	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
BG-5	1/27/10	SW8260_25	<10	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
BG-5	7/26/10	SW8260_25	<10	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
BG-5 (Dup)	7/26/10	SW8260_25	<10	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
BG-5	1/25/11	SW8260_25	<10	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
BG-5	7/26/11	SW8260_25	<10	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
BG-5	1/30/12	SW8260_25	<10	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
BG-5	7/25/12	SW8260_25	<10	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
BG-5 (Dup)	7/25/12	SW8260_25	<10	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
BG-5	1/21/13	SW8260_25	<10	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
BG-5 (Dup)	1/21/13	SW8260_25	<10	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
BG-5	7/23/13	SW8260_25	<10	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
BG-5	1/29/14	SW8260_25	<10	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
BG-5	8/5/14	SW8260_25	8.1 (J)	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
BG-5	7/28/15	SW8260_25	<10	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
BG-5 (Dup)	7/28/15	SW8260_25	<10	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
BG-5	7/25/16	SW8260_25	<10	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
BG-5	7/24/18	SW8260_25	<10	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
BG-6	11/13/06	SW8260_25	<10	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
BG-6	2/7/07	SW8260_25	<10 (R)	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
BG-6 (Dup)	2/7/07	SW8260_25	<10 (R)	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
BG-6	4/20/07	SW8260_25	<10 (R)	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
BG-6	7/23/07	SW8260_25	<10	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
BG-6	10/30/07	SW8260_25	<10	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
BG-6	1/30/08	SW8260_25	<10	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
BG-6	4/28/08	SW8260_25	<10	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
BG-6	7/28/08	SW8260_25	<10	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
BG-6	1/21/09	SW8260_25	<10	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1

Notes: CDPHE - Colorado Department of Public Health and Environment MCLs - Maximum Contaminant Levels GW - Groundwater DW - Drinking Water SW - Surface Water Range - See Regulation 31 for details.
ug/L - micrograms per Liter (Dup) - Duplicate sample < - Below the Reporting Limit (B) - Detected in Method Bla (J) - Result is an estimated value. (R) - Result is a rejected value. NA - Not Analyzed

TABLE 2
LABORATORY ANALYTICAL RESULTS - VOLATILE ORGANIC COMPOUNDS
LOWRY OU2 LANDFILL SITE
FORMER LOWRY AIR FORCE BASE
DENVER, COLORADO

Sampling Location / Well ID	Sample Date	Analytical Method	Volatile Organic Compounds (ug/L)													
			Acetone	Acrylonitrile	Benzene	Bromochloro methane	Bromodichloro methane	Bromoform	Carbon Disulfide	Carbon tetrachloride	Chlorobenzene	Chloroethane	Chloroform	Dibromochloro methane	1,2-Dibromo-3-chloropropane	1,2-Dibromo ethane
Upgradient																
BG-6	7/28/09	SW8260_25	<10	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
BG-6	1/27/10	SW8260_25	<10	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
BG-6	7/26/10	SW8260_25	<10	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
BG-6	1/25/11	SW8260_25	<10	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
BG-6	7/26/11	SW8260_25	<10	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
BG-6	1/30/12	SW8260_25	<10	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
BG-6	7/25/12	SW8260_25	<10	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
BG-6	1/21/13	SW8260_25	<10	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
BG-6	7/23/13	SW8260_25	<10	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
BG-6 (Dup)	7/23/13	SW8260_25	<10	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
BG-6	1/29/14	SW8260_25	<10	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
BG-6 (Dup)	1/29/14	SW8260_25	<10	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
BG-6	8/5/14	SW8260_25	3.3 (J)	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
BG-6 (Dup)	8/5/14	SW8260_25	<10	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
BG-6	7/28/15	SW8260_25	<10	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
BG-6	7/25/16	SW8260_25	<10	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
BG-6	7/24/18	SW8260_25	<10	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
LFPOC09	11/13/06	SW8260_25	<10	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
LFPOC09	2/8/07	SW8260_25	<10 (R)	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
LFPOC09	4/19/07	SW8260_25	<10 (R)	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
LFPOC09	7/23/07	SW8260_25	<10	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
LFPOC09	10/31/07	SW8260_25	<10	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
LFPOC09	1/30/08	SW8260_25	<10	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
LFPOC09	4/28/08	SW8260_25	<10	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
LFPOC09	7/31/08	SW8260_25	<10	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
LFPOC09	1/21/09	SW8260_25	<10	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
LFPOC09	7/28/09	SW8260_25	<10	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
LFPOC09	1/27/10	SW8260_25	<10	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
LFPOC09	7/26/10	SW8260_25	<10	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
LFPOC09	1/25/11	SW8260_25	<10	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
LFPOC09 (Dup)	1/25/11	SW8260_25	<10	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
LFPOC09	7/26/11	SW8260_25	<10	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
LFPOC09 (Dup)	7/26/11	SW8260_25	<10	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
LFPOC09	1/30/12	SW8260_25	<10	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
LFPOC09 (Dup)	1/30/12	SW8260_25	<10	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
LFPOC09	7/25/12	SW8260_25	<10	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
LFPOC09	1/21/13	SW8260_25	<10	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
LFPOC09	7/23/13	SW8260_25	<10	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1

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ug/L - micrograms per Liter (Dup) - Duplicate sample < - Below the Reporting Limit (B) - Detected in Method Bla (J) - Result is an estimated value. (R) - Result is a rejected value. NA - Not Analyzed

TABLE 2
LABORATORY ANALYTICAL RESULTS - VOLATILE ORGANIC COMPOUNDS
LOWRY OU2 LANDFILL SITE
FORMER LOWRY AIR FORCE BASE
DENVER, COLORADO

Sampling Location / Well ID	Sample Date	Analytical Method	Volatile Organic Compounds (ug/L)													
			Acetone	Acrylonitrile	Benzene	Bromochloro methane	Bromodichloro methane	Bromoform	Carbon Disulfide	Carbon tetrachloride	Chlorobenzene	Chloroethane	Chloroform	Dibromochloro methane	1,2-Dibromo-3-chloropropane	1,2-Dibromo ethane
Upgradient																
LFPOC09	1/29/14	SW8260_25	<10	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
LFPOC09	8/5/14	SW8260_25	12	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
LFPOC09	7/28/15	SW8260_25	<10	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
LFPOC09	7/25/16	SW8260_25	<10	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
LFPOC09 (Dup)	7/25/16	SW8260_25	<10	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
LFPOC09	7/24/18	SW8260_25	<10	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
LFPOC09 (Dup)	7/24/18	SW8260_25	<10	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
Downgradient																
LFPOC07	11/13/06	SW8260_25	<10	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
LFPOC07	2/8/07	SW8260_25	<10 (R)	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
LFPOC07	4/19/07	SW8260_25	<10 (R)	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
LFPOC07	7/23/07	SW8260_25	<10	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
LFPOC07	12/19/07	SW8260_25	<10	NA	<1	<1	<1	<1	0.21 (J,B)	<1	<1	<1	<1	<1	<2	<1
LFPOC07	1/30/08	SW8260_25	<10	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
LFPOC07	4/28/08	SW8260_25	<10	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
LFPOC07	7/28/08	SW8260_25	<10	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
LFPOC07	1/21/09	SW8260_25	<10	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
LFPOC07	7/28/09	SW8260_25	<10	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
LFPOC07 (Dup)	7/28/09	SW8260_25	<10	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
LFPOC07	1/27/10	SW8260_25	<10	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
LFPOC07	7/26/10	SW8260_25	<10	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
LFPOC07	1/25/11	SW8260_25	<10	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
LFPOC07	7/26/11	SW8260_25	<10	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
LFPOC07	1/30/12	SW8260_25	<10	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
LFPOC07	7/25/12	SW8260_25	<10	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
LFPOC07	1/21/13	SW8260_25	<10	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
LFPOC07	7/23/13	SW8260_25	<10	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
LFPOC07	1/29/14	SW8260_25	<10	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
LFPOC07	8/5/14	SW8260_25	4.2 (J)	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
LFPOC07	7/29/15	SW8260_25	<10	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
LFPOC07	7/25/16	SW8260_25	<10	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
LFPOC07	7/24/18	SW8260_25	<10	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
LFPOC08	11/13/06	SW8260_25	<10	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
LFPOC08	2/7/07	SW8260_25	<10 (R)	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
LFPOC08	4/19/07	SW8260_25	<10 (R)	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
LFPOC08	7/23/07	SW8260_25	<10	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
LFPOC08	10/30/07	SW8260_25	<10	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1

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LOWRY OU2 LANDFILL SITE
FORMER LOWRY AIR FORCE BASE
DENVER, COLORADO

Sampling Location / Well ID	Sample Date	Analytical Method	Volatile Organic Compounds (ug/L)													
			Acetone	Acrylonitrile	Benzene	Bromochloro methane	Bromodichloro methane	Bromoform	Carbon Disulfide	Carbon tetrachloride	Chlorobenzene	Chloroethane	Chloroform	Dibromochloro methane	1,2-Dibromo-3-chloropropane	1,2-Dibromo ethane
Downgradient																
LFPOC08	1/30/08	SW8260_25	<10	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
LFPOC08	4/28/08	SW8260_25	<10	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
LFPOC08 (Dup)	4/28/08	SW8260_25	<10	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
LFPOC08	7/28/08	SW8260_25	<10	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
LFPOC08	1/21/09	SW8260_25	<10	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
LFPOC08	7/28/09	SW8260_25	<10	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
LFPOC08	1/27/10	SW8260_25	<10	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
LFPOC08	7/26/10	SW8260_25	<10	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
LFPOC08	1/25/11	SW8260_25	<10	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
LFPOC08	7/26/11	SW8260_25	<10	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
LFPOC08	1/30/12	SW8260_25	<10	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
LFPOC08	7/25/12	SW8260_25	<10	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
LFPOC08	1/21/13	SW8260_25	<10	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
LFPOC08	7/23/13	SW8260_25	<10	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
LFPOC08	1/29/14	SW8260_25	<10	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
LFPOC08	8/5/14	SW8260_25	4.3 (J)	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
LFPOC08	7/28/15	SW8260_25	<10	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
LFPOC08	7/25/16	SW8260_25	<10	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
LFPOC08	7/24/18	SW8260_25	5 (J)	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
LFPOC10	11/13/06	SW8260_25	<10	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
LFPOC10	2/7/07	SW8260_25	<10 (R)	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
LFPOC10	4/19/07	SW8260_25	<10 (R)	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
LFPOC10	7/23/07	SW8260_25	<10	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
LFPOC10	10/30/07	SW8260_25	<10	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
LFPOC10	1/30/08	SW8260_25	<10	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
LFPOC10 (Dup)	1/30/08	SW8260_25	<10	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
LFPOC10	5/1/08	SW8260_25	<10	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
LFPOC10	7/31/08	SW8260_25	<10	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
LFPOC10	1/21/09	SW8260_25	<10	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
LFPOC10	7/28/09	SW8260_25	<10	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
LFPOC10	1/27/10	SW8260_25	<10	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
LFPOC10 (Dup)	1/27/10	SW8260_25	<10	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
LFPOC10	7/26/10	SW8260_25	<10	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
LFPOC10	1/25/11	SW8260_25	<10	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
LFPOC10	7/26/11	SW8260_25	<10	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
LFPOC10	1/30/12	SW8260_25	<10	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
LFPOC10	7/25/12	SW8260_25	<10	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
LFPOC10	1/21/13	SW8260_25	<10	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1

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Downgradient																
LFPOC10	7/23/13	SW8260_25	<10	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
LFPOC10	1/29/14	SW8260_25	<10	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
LFPOC10	8/5/14	SW8260_25	17	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
LFPOC10	7/28/15	SW8260_25	<10	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
LFPOC10	7/25/16	SW8260_25	<10	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
LFPOC10	7/24/18	SW8260_25	<10	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
LFPOC11	11/13/06	SW8260_25	<10	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
LFPOC11	2/7/07	SW8260_25	<10 (R)	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
LFPOC11	4/19/07	SW8260_25	<10 (R)	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
LFPOC11	7/23/07	SW8260_25	<10	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
LFPOC11	10/30/07	SW8260_25	<10	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
LFPOC11	1/30/08	SW8260_25	<10	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
LFPOC11	4/28/08	SW8260_25	<10	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
LFPOC11	7/28/08	SW8260_25	<10	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
LFPOC11 (Dup)	7/31/08	SW8260_25	<10	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
LFPOC11	1/21/09	SW8260_25	<10	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
LFPOC11 (Dup)	1/21/09	SW8260_25	<10	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
LFPOC11	7/28/09	SW8260_25	<10	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
LFPOC11	1/27/10	SW8260_25	<10	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
LFPOC11	7/26/10	SW8260_25	<10	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
LFPOC11	1/25/11	SW8260_25	<10	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
LFPOC11	7/26/11	SW8260_25	<10	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
LFPOC11	1/30/12	SW8260_25	<10	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
LFPOC11	7/25/12	SW8260_25	<10	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
LFPOC11	1/21/13	SW8260_25	<10	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
LFPOC11	7/23/13	SW8260_25	<10	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
LFPOC11	1/29/14	SW8260_25	<10	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
LFPOC11	8/5/14	SW8260_25	<10	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
LFPOC11	7/28/15	SW8260_25	<10	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
LFPOC11	7/25/16	SW8260_25	<10	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
LFPOC11	7/24/18	SW8260_25	<10	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
LFPOC12	11/13/06	SW8260_25	<10	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
LFPOC12	2/8/07	SW8260_25	<10 (R)	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
LFPOC12	4/19/07	SW8260_25	<10 (R)	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
LFPOC12 (Dup)	4/19/07	SW8260_25	<10 (R)	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
LFPOC12	7/23/07	SW8260_25	<10	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
LFPOC12 (Dup)	7/23/07	SW8260_25	<10	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
LFPOC12	10/30/07	SW8260_25	<10	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1

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ug/L - micrograms per Liter (Dup) - Duplicate sample < - Below the Reporting Limit (B) - Detected in Method Bla (J) - Result is an estimated value. (R) - Result is a rejected value. NA - Not Analyzed

TABLE 2
LABORATORY ANALYTICAL RESULTS - VOLATILE ORGANIC COMPOUNDS
LOWRY OU2 LANDFILL SITE
FORMER LOWRY AIR FORCE BASE
DENVER, COLORADO

Sampling Location / Well ID	Sample Date	Analytical Method	Volatile Organic Compounds (ug/L)													
			Acetone	Acrylonitrile	Benzene	Bromochloro methane	Bromodichloro methane	Bromoform	Carbon Disulfide	Carbon tetrachloride	Chlorobenzene	Chloroethane	Chloroform	Dibromochloro methane	1,2-Dibromo-3-chloropropane	1,2-Dibromo ethane
Downgradient																
LFPOC12	1/30/08	SW8260_25	<10	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
LFPOC12	4/28/08	SW8260_25	<10	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
LFPOC12	7/31/08	SW8260_25	<10	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
LFPOC12	1/21/09	SW8260_25	<10	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
LFPOC12	7/28/09	SW8260_25	<10	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
LFPOC12	1/27/10	SW8260_25	<10	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
LFPOC12	7/26/10	SW8260_25	<10	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
LFPOC12	1/25/11	SW8260_25	<10	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
LFPOC12	7/26/11	SW8260_25	<10	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
LFPOC12	1/30/12	SW8260_25	<10	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
LFPOC12	7/25/12	SW8260_25	<10	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
LFPOC12	1/21/13	SW8260_25	<10	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
LFPOC12	7/23/13	SW8260_25	<10	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
LFPOC12	1/29/14	SW8260_25	<10	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
LFPOC12	8/5/14	SW8260_25	25	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
LFPOC12	7/28/15	SW8260_25	<10	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
LFPOC12	7/26/16	SW8260_25	<10	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
LFPOC12	7/24/18	SW8260_25	<10	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
LFPOC13	11/13/06	SW8260_25	<10	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
LFPOC13	2/7/07	SW8260_25	<10 (R)	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
LFPOC13	4/20/07	SW8260_25	<10 (R)	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
LFPOC13	7/24/07	SW8260_25	<10	NA	<1	<1	<1	<1	0.29 (J)	<1	<1	<1	<1	<1	<2	<1
LFPOC13	10/31/07	SW8260_25	<10	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
LFPOC13	1/31/08	SW8260_25	<10	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
LFPOC13	4/28/08	SW8260_25	<10	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
LFPOC13	7/31/08	SW8260_25	<10	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
LZ-13	11/13/06	SW8260_25	<10	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
LZ-13	2/8/07	SW8260_25	<10 (R)	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
LZ-13	4/19/07	SW8260_25	<10 (R)	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
LZ-13	7/23/07	SW8260_25	<10	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
LZ-13	10/30/07	SW8260_25	<10	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
LZ-13	1/30/08	SW8260_25	<10	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
LZ-13	4/28/08	SW8260_25	<10	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
LZ-13	7/31/08	SW8260_25	<10	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
LZ-13	1/21/09	SW8260_25	<10	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
LZ-13	7/28/09	SW8260_25	<10	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
LZ-13	1/27/10	SW8260_25	<10	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
LZ-13	7/26/10	SW8260_25	<10	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1

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TABLE 2
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LOWRY OU2 LANDFILL SITE
FORMER LOWRY AIR FORCE BASE
DENVER, COLORADO

Sampling Location / Well ID	Sample Date	Analytical Method	Volatile Organic Compounds (ug/L)													
			Acetone	Acrylonitrile	Benzene	Bromochloro methane	Bromodichloro methane	Bromoform	Carbon Disulfide	Carbon tetrachloride	Chlorobenzene	Chloroethane	Chloroform	Dibromochloro methane	1,2-Dibromo-3-chloropropane	1,2-Dibromo ethane
Downgradient																
LZ-13	1/25/11	SW8260_25	<10	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
LZ-13	7/26/11	SW8260_25	<10	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
LZ-13	1/30/12	SW8260_25	<10	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
LZ-13	7/25/12	SW8260_25	<10	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
LZ-13	1/21/13	SW8260_25	<10	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
LZ-13	7/23/13	SW8260_25	<10	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
LZ-13	1/29/14	SW8260_25	<10	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
LZ-13	8/5/14	SW8260_25	<10	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
LZ-13	7/29/15	SW8260_25	<10	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
LZ-13	7/25/16	SW8260_25	<10	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
LZ-13	7/24/18	SW8260_25	<10	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
GW CDPHE Standards (Dec 2016):			**6,300**	**0.065**	**5**	**--**	**0.56**	**4**	**--**	**0.5-5**	**100**	**--**	**3.5**	**14**	**0.2**	**0.018**
Federal Drinking Water Standards (MCLs):			**--**	**--**	**5**	**--**	**--**	**--**	**--**	**5**	**100**	**--**	**--**	**--**	**0.2**	**--**
Surface Water																
SW-1	11/21/06	SW8260_25	<10	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
SW-1	2/8/07	SW8260_25	<10 (R)	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
SW-1 (Dup)	2/8/07	SW8260_25	<10 (R)	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
SW-1	4/20/07	SW8260_25	<10 (R)	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
SW-1 (Dup)	4/20/07	SW8260_25	<10 (R)	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
SW-1	7/24/07	SW8260_25	<10	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
SW-1 (Dup)	7/24/07	SW8260_25	<10	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
SW-1	10/31/07	SW8260_25	<10	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
SW-1	4/28/08	SW8260_25	<10	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
SW-1	1/21/09	SW8260_25	<10	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
SW-1	7/29/09	SW8260_25	<10	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
SW-1	1/27/10	SW8260_25	<10	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
SW-1 (Dup)	1/27/10	SW8260_25	<10	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
SW-1	7/26/10	SW8260_25	<10	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
SW-1 (Dup)	7/26/10	SW8260_25	<10	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
SW-1	1/25/11	SW8260_25	<10	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
SW-1	7/26/11	SW8260_25	<10	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
SW-1 (Dup)	7/26/11	SW8260_25	<10	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
SW-1	1/30/12	SW8260_25	<10	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
SW-1 (Dup)	1/30/12	SW8260_25	<10	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
SW-1	7/25/12	SW8260_25	<10	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
SW-1	1/21/13	SW8260_25	<10	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
SW-1 (Dup)	1/21/13	SW8260_25	<10	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
SW-1	7/23/13	SW8260_25	<10	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1

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Sampling Location / Well ID	Sample Date	Analytical Method	Volatile Organic Compounds (ug/L)													
			Acetone	Acrylonitrile	Benzene	Bromochloro methane	Bromodichloro methane	Bromoform	Carbon Disulfide	Carbon tetrachloride	Chlorobenzene	Chloroethane	Chloroform	Dibromochloro methane	1,2-Dibromo-3-chloropropane	1,2-Dibromo ethane
Surface Water																
SW-1	1/29/14	SW8260_25	<10	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
SW-1	8/5/14	SW8260_25	5.9 (J)	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
SW-1 (Dup)	8/5/14	SW8260_25	11	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
SW-1	7/28/15	SW8260_25	<10	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
SW-1	7/25/16	SW8260_25	<10	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
SW-1	7/24/18	SW8260_25	4.4 (J)	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
SW-2	11/21/06	SW8260_25	<10	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
SW-2 (Dup)	11/21/06	SW8260_25	<10	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
SW-2	2/8/07	SW8260_25	<10 (R)	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
SW-2	4/20/07	SW8260_25	<10 (R)	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
SW-2	7/24/07	SW8260_25	<10	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
SW-2	10/31/07	SW8260_25	<10	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
SW-2	4/29/08	SW8260_25	<10	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
SW-2 (Dup)	4/29/08	SW8260_25	<10	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
SW-2	1/21/09	SW8260_25	<10	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
SW-2	7/29/09	SW8260_25	<10	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
SW-2	1/27/10	SW8260_25	<10	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
SW-2	7/26/10	SW8260_25	3.5 (J)	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
SW-2	1/25/11	SW8260_25	<10	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
SW-2	7/26/11	SW8260_25	<10	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
SW-2	1/30/12	SW8260_25	<10	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
SW-2	7/25/12	SW8260_25	<10	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
SW-2 (Dup)	7/25/12	SW8260_25	<10	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
SW-2	1/21/13	SW8260_25	<10	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
SW-2	7/23/13	SW8260_25	<10	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
SW-2 (Dup)	7/23/13	SW8260_25	<10	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
SW-2	1/29/14	SW8260_25	<10	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
SW-2 (Dup)	1/29/14	SW8260_25	<10	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
SW-2	8/5/14	SW8260_25	9.3 (J)	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
SW-2	7/28/15	SW8260_25	<10	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
SW-2	7/25/16	SW8260_25	<10	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
SW-2 (Dup)	7/25/16	SW8260_25	3.5 (J)	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
SW-2	7/24/18	SW8260_25	11	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
SW-3	11/21/06	SW8260_25	<10	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
SW-3	2/8/07	SW8260_25	4.1 (RJ)	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
SW-3	4/20/07	SW8260_25	<10 (R)	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
SW-3	7/24/07	SW8260_25	<10	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
SW-3	10/31/07	SW8260_25	<10	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1

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TABLE 2
LABORATORY ANALYTICAL RESULTS - VOLATILE ORGANIC COMPOUNDS
LOWRY OU2 LANDFILL SITE
FORMER LOWRY AIR FORCE BASE
DENVER, COLORADO

Sampling Location / Well ID	Sample Date	Analytical Method	Volatile Organic Compounds (ug/L)													
			Acetone	Acrylonitrile	Benzene	Bromochloro methane	Bromodichloro methane	Bromoform	Carbon Disulfide	Carbon tetrachloride	Chlorobenzene	Chloroethane	Chloroform	Dibromochloro methane	1,2-Dibromo-3-chloropropane	1,2-Dibromo ethane
Surface Water																
SW-3 (Dup)	10/31/07	SW8260_25	<10	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
SW-3	4/28/08	SW8260_25	<10	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
SW-3	1/21/09	SW8260_25	<10	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
SW-3 (Dup)	1/21/09	SW8260_25	<10	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
SW-3	7/29/09	SW8260_25	3.6 (J)	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
SW-3 (Dup)	7/29/09	SW8260_25	3.9 (J)	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
SW-3	1/27/10	SW8260_25	<10	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
SW-3	7/26/10	SW8260_25	3.1 (J)	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
SW-3	1/25/11	SW8260_25	<10	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
SW-3 (Dup)	1/25/11	SW8260_25	<10	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
SW-3	7/26/11	SW8260_25	<10	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
SW-3	1/30/12	SW8260_25	<10	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
SW-3	7/25/12	SW8260_25	<10	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
SW-3	1/21/13	SW8260_25	<10	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
SW-3	7/23/13	SW8260_25	<10	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
SW-3	1/29/14	SW8260_25	<10	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
SW-3	8/5/14	SW8260_25	9.6 (J)	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
SW-3	7/28/15	SW8260_25	<10	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
SW-3 (Dup)	7/28/15	SW8260_25	<10	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
SW-3	7/25/16	SW8260_25	3.3 (J)	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
SW-3	7/24/18	SW8260_25	11	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
SW-3 (Dup)	7/24/18	SW8260_25	9.4 (J)	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
SW CDPHE Drinking Water or Domestic Use Standards (Jan 2018):			**6,300**	**0.065**	**2.3-5**	**--**	**--**	**--**	**--**	**0.5-5**	**100**	**--**	**--**	**--**	**0.2**	**0.018**

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LOWRY OU2 LANDFILL SITE
FORMER LOWRY AIR FORCE BASE
DENVER, COLORADO

Sampling Location / Well ID	Sample Date	Analytical Method	Volatile Organic Compounds (ug/L)													
			1,2-Dichloro benzene	1,4-Dichloro benzene	trans-1,4-Dichloro-2-butene	1,1-Dichloro ethane	1,2-Dichloro ethane	1,1-Dichloro ethene	cis-1,2-dichloroethene	trans-1,2-dichloroethene	1,2-Dichloro propane	cis-1,3-di chloropropene	trans-1,3-di chloropropene	Ethylbenzene	2-Hexanone	Bromomethane
Upgradient																
BG-5	11/13/06	SW8260_25	<1	<1	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
BG-5	2/7/07	SW8260_25	<1	<1	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
BG-5	4/19/07	SW8260_25	<1	<1	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
BG-5	7/23/07	SW8260_25	<1	<1	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
BG-5	10/30/07	SW8260_25	<1	<1	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
BG-5 (Dup)	10/30/07	SW8260_25	<1	<1	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
BG-5	1/31/08	SW8260_25	<1	<1	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
BG-5	5/1/08	SW8260_25	<1	<1	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
BG-5	7/28/08	SW8260_25	<1	<1	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
BG-5	1/21/09	SW8260_25	<1	<1	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
BG-5	7/28/09	SW8260_25	<1	<1	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
BG-5	1/27/10	SW8260_25	<1	<1	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
BG-5	7/26/10	SW8260_25	<1	<1	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
BG-5 (Dup)	7/26/10	SW8260_25	<1	<1	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
BG-5	1/25/11	SW8260_25	<1	<1	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
BG-5	7/26/11	SW8260_25	<1	<1	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
BG-5	1/30/12	SW8260_25	<1	<1	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
BG-5	7/25/12	SW8260_25	<1	<1	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
BG-5 (Dup)	7/25/12	SW8260_25	<1	<1	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
BG-5	1/21/13	SW8260_25	<1	<1	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
BG-5 (Dup)	1/21/13	SW8260_25	<1	<1	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
BG-5	7/23/13	SW8260_25	<1	<1	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
BG-5	1/29/14	SW8260_25	<1	<1	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
BG-5	8/5/14	SW8260_25	<1	<1	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
BG-5	7/28/15	SW8260_25	<1	<1	<2	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
BG-5 (Dup)	7/28/15	SW8260_25	<1	<1	<2	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
BG-5	7/25/16	SW8260_25	<1	<1	<2	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
BG-5	7/24/18	SW8260_25	<1	<1	<2	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
BG-6	11/13/06	SW8260_25	<1	<1	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
BG-6	2/7/07	SW8260_25	<1	<1	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
BG-6 (Dup)	2/7/07	SW8260_25	<1	<1	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
BG-6	4/20/07	SW8260_25	<1	<1	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
BG-6	7/23/07	SW8260_25	<1	<1	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
BG-6	10/30/07	SW8260_25	<1	<1	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
BG-6	1/30/08	SW8260_25	<1	<1	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
BG-6	4/28/08	SW8260_25	<1	<1	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
BG-6	7/28/08	SW8260_25	<1	<1	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
BG-6	1/21/09	SW8260_25	<1	<1	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1

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LOWRY OU2 LANDFILL SITE
FORMER LOWRY AIR FORCE BASE
DENVER, COLORADO

Sampling Location / Well ID	Sample Date	Analytical Method	Volatile Organic Compounds (ug/L)													
			1,2-Dichloro benzene	1,4-Dichloro benzene	trans-1,4-Dichloro-2-butene	1,1-Dichloro ethane	1,2-Dichloro ethane	1,1-Dichloro ethene	cis-1,2-dichloroethene	trans-1,2-dichloroethene	1,2-Dichloro propane	cis-1,3-di chloropropene	trans-1,3-di chloropropene	Ethylbenzene	2-Hexanone	Bromomethane
Upgradient																
BG-6	7/28/09	SW8260_25	<1	<1	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
BG-6	1/27/10	SW8260_25	<1	<1	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
BG-6	7/26/10	SW8260_25	<1	<1	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
BG-6	1/25/11	SW8260_25	<1	<1	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
BG-6	7/26/11	SW8260_25	<1	<1	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
BG-6	1/30/12	SW8260_25	<1	<1	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
BG-6	7/25/12	SW8260_25	<1	<1	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
BG-6	1/21/13	SW8260_25	<1	<1	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
BG-6	7/23/13	SW8260_25	<1	<1	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
BG-6 (Dup)	7/23/13	SW8260_25	<1	<1	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
BG-6	1/29/14	SW8260_25	<1	<1	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
BG-6 (Dup)	1/29/14	SW8260_25	<1	<1	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
BG-6	8/5/14	SW8260_25	<1	<1	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
BG-6 (Dup)	8/5/14	SW8260_25	<1	<1	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
BG-6	7/28/15	SW8260_25	<1	<1	<2	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
BG-6	7/25/16	SW8260_25	<1	<1	<2	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
BG-6	7/24/18	SW8260_25	<1	<1	<2	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
LFPOC09	11/13/06	SW8260_25	<1	<1	NA	<1	0.23 (J)	<1	<1	<1	<1	<1	<1	<1	<10	<1
LFPOC09	2/8/07	SW8260_25	<1	<1	NA	<1	0.33 (J)	<1	<1	<1	<1	<1	<1	<1	<10	<1
LFPOC09	4/19/07	SW8260_25	<1	<1	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
LFPOC09	7/23/07	SW8260_25	<1	<1	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
LFPOC09	10/31/07	SW8260_25	<1	<1	NA	<1	0.21 (J)	<1	<1	<1	<1	<1	<1	<1	<10	<1
LFPOC09	1/30/08	SW8260_25	<1	<1	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
LFPOC09	4/28/08	SW8260_25	<1	<1	NA	<1	0.19 (J)	<1	<1	<1	<1	<1	<1	<1	<10	<1
LFPOC09	7/31/08	SW8260_25	<1	<1	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
LFPOC09	1/21/09	SW8260_25	<1	<1	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
LFPOC09	7/28/09	SW8260_25	<1	<1	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
LFPOC09	1/27/10	SW8260_25	<1	<1	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
LFPOC09	7/26/10	SW8260_25	<1	<1	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
LFPOC09	1/25/11	SW8260_25	<1	<1	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
LFPOC09 (Dup)	1/25/11	SW8260_25	<1	<1	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
LFPOC09	7/26/11	SW8260_25	<1	<1	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
LFPOC09 (Dup)	7/26/11	SW8260_25	<1	<1	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
LFPOC09	1/30/12	SW8260_25	<1	<1	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
LFPOC09 (Dup)	1/30/12	SW8260_25	<1	<1	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
LFPOC09	7/25/12	SW8260_25	<1	<1	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
LFPOC09	1/21/13	SW8260_25	<1	<1	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
LFPOC09	7/23/13	SW8260_25	<1	<1	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1

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			1,2-Dichloro benzene	1,4-Dichloro benzene	trans-1,4-Dichloro-2-butene	1,1-Dichloro ethane	1,2-Dichloro ethane	1,1-Dichloro ethene	cis-1,2-dichloroethene	trans-1,2-dichloroethene	1,2-Dichloro propane	cis-1,3-di chloropropene	trans-1,3-di chloropropene	Ethylbenzene	2-Hexanone	Bromomethane
Upgradient																
LFPOC09	1/29/14	SW8260_25	<1	<1	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
LFPOC09	8/5/14	SW8260_25	<1	<1	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
LFPOC09	7/28/15	SW8260_25	<1	<1	<2	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
LFPOC09	7/25/16	SW8260_25	<1	<1	<2	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
LFPOC09 (Dup)	7/25/16	SW8260_25	<1	<1	<2	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
LFPOC09	7/24/18	SW8260_25	<1	<1	<2	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
LFPOC09 (Dup)	7/24/18	SW8260_25	<1	<1	<2	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
Downgradient																
LFPOC07	11/13/06	SW8260_25	<1	<1	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
LFPOC07	2/8/07	SW8260_25	<1	<1	NA	<1	<1	<1	0.25 (J)	<1	<1	<1	<1	<1	<10	<1
LFPOC07	4/19/07	SW8260_25	<1	<1	NA	<1	<1	<1	0.28 (J)	<1	<1	<1	<1	<1	<10	<1
LFPOC07	7/23/07	SW8260_25	<1	<1	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
LFPOC07	12/19/07	SW8260_25	<1	<1	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
LFPOC07	1/30/08	SW8260_25	<1	<1	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
LFPOC07	4/28/08	SW8260_25	<1	<1	NA	<1	<1	<1	0.19 (J)	<1	<1	<1	<1	<1	<10	<1
LFPOC07	7/28/08	SW8260_25	<1	<1	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
LFPOC07	1/21/09	SW8260_25	<1	<1	NA	<1	<1	<1	0.18 (J)	<1	<1	<1	<1	<1	<10	<1
LFPOC07	7/28/09	SW8260_25	<1	<1	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
LFPOC07 (Dup)	7/28/09	SW8260_25	<1	<1	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
LFPOC07	1/27/10	SW8260_25	<1	<1	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
LFPOC07	7/26/10	SW8260_25	<1	<1	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
LFPOC07	1/25/11	SW8260_25	<1	<1	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
LFPOC07	7/26/11	SW8260_25	<1	<1	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
LFPOC07	1/30/12	SW8260_25	<1	<1	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
LFPOC07	7/25/12	SW8260_25	<1	<1	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
LFPOC07	1/21/13	SW8260_25	<1	<1	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
LFPOC07	7/23/13	SW8260_25	<1	<1	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
LFPOC07	1/29/14	SW8260_25	<1	<1	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
LFPOC07	8/5/14	SW8260_25	<1	<1	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
LFPOC07	7/29/15	SW8260_25	<1	<1	<2	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
LFPOC07	7/25/16	SW8260_25	<1	<1	<2	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
LFPOC07	7/24/18	SW8260_25	<1	<1	<2	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
LFPOC08	11/13/06	SW8260_25	<1	<1	NA	<1	<1	<1	0.13 (J)	<1	<1	<1	<1	<1	<10	<1
LFPOC08	2/7/07	SW8260_25	<1	<1	NA	<1	<1	<1	0.21 (J)	<1	<1	<1	<1	<1	<10	<1
LFPOC08	4/19/07	SW8260_25	<1	<1	NA	<1	<1	<1	0.19 (J)	<1	<1	<1	<1	<1	<10	<1
LFPOC08	7/23/07	SW8260_25	<1	<1	NA	<1	<1	<1	0.2 (J)	<1	<1	<1	<1	<1	<10	<1
LFPOC08	10/30/07	SW8260_25	<1	<1	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1

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ug/L - micrograms per Liter (Dup) - Duplicate sample < - Below the Reporting Limit (B) - Detected in Method Bla (J) - Result is an estimated value. (R) - Result is a rejected value. NA - Not Analyzed

TABLE 2
LABORATORY ANALYTICAL RESULTS - VOLATILE ORGANIC COMPOUNDS
LOWRY OU2 LANDFILL SITE
FORMER LOWRY AIR FORCE BASE
DENVER, COLORADO

Sampling Location / Well ID	Sample Date	Analytical Method	Volatile Organic Compounds (ug/L)													
			1,2-Dichloro benzene	1,4-Dichloro benzene	trans-1,4-Dichloro-2-butene	1,1-Dichloro ethane	1,2-Dichloro ethane	1,1-Dichloro ethene	cis-1,2-dichloroethene	trans-1,2-dichloroethene	1,2-Dichloro propane	cis-1,3-di chloropropene	trans-1,3-di chloropropene	Ethylbenzene	2-Hexanone	Bromomethane
Downgradient																
LFPOC08	1/30/08	SW8260_25	<1	<1	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
LFPOC08	4/28/08	SW8260_25	<1	<1	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
LFPOC08 (Dup)	4/28/08	SW8260_25	<1	<1	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
LFPOC08	7/28/08	SW8260_25	<1	<1	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
LFPOC08	1/21/09	SW8260_25	<1	<1	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
LFPOC08	7/28/09	SW8260_25	<1	<1	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
LFPOC08	1/27/10	SW8260_25	<1	<1	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
LFPOC08	7/26/10	SW8260_25	<1	<1	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
LFPOC08	1/25/11	SW8260_25	<1	<1	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
LFPOC08	7/26/11	SW8260_25	<1	<1	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
LFPOC08	1/30/12	SW8260_25	<1	<1	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
LFPOC08	7/25/12	SW8260_25	<1	<1	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
LFPOC08	1/21/13	SW8260_25	<1	<1	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
LFPOC08	7/23/13	SW8260_25	<1	<1	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
LFPOC08	1/29/14	SW8260_25	<1	<1	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
LFPOC08	8/5/14	SW8260_25	<1	<1	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
LFPOC08	7/28/15	SW8260_25	<1	<1	<2	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
LFPOC08	7/25/16	SW8260_25	<1	<1	<2	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
LFPOC08	7/24/18	SW8260_25	<1	<1	<2	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
LFPOC10	11/13/06	SW8260_25	<1	<1	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
LFPOC10	2/7/07	SW8260_25	<1	<1	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
LFPOC10	4/19/07	SW8260_25	<1	<1	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
LFPOC10	7/23/07	SW8260_25	<1	<1	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
LFPOC10	10/30/07	SW8260_25	<1	<1	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
LFPOC10	1/30/08	SW8260_25	<1	<1	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
LFPOC10 (Dup)	1/30/08	SW8260_25	<1	<1	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
LFPOC10	5/1/08	SW8260_25	<1	<1	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
LFPOC10	7/31/08	SW8260_25	<1	<1	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
LFPOC10	1/21/09	SW8260_25	<1	<1	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
LFPOC10	7/28/09	SW8260_25	<1	<1	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
LFPOC10	1/27/10	SW8260_25	<1	<1	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
LFPOC10 (Dup)	1/27/10	SW8260_25	<1	<1	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
LFPOC10	7/26/10	SW8260_25	<1	<1	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
LFPOC10	1/25/11	SW8260_25	<1	<1	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
LFPOC10	7/26/11	SW8260_25	<1	<1	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
LFPOC10	1/30/12	SW8260_25	<1	<1	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
LFPOC10	7/25/12	SW8260_25	<1	<1	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
LFPOC10	1/21/13	SW8260_25	<1	<1	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1

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ug/L - micrograms per Liter (Dup) - Duplicate sample < - Below the Reporting Limit (B) - Detected in Method Bla (J) - Result is an estimated value. (R) - Result is a rejected value. NA - Not Analyzed

TABLE 2
LABORATORY ANALYTICAL RESULTS - VOLATILE ORGANIC COMPOUNDS
LOWRY OU2 LANDFILL SITE
FORMER LOWRY AIR FORCE BASE
DENVER, COLORADO

Sampling Location / Well ID	Sample Date	Analytical Method	Volatile Organic Compounds (ug/L)													
			1,2-Dichloro benzene	1,4-Dichloro benzene	trans-1,4-Dichloro-2-butene	1,1-Dichloro ethane	1,2-Dichloro ethane	1,1-Dichloro ethene	cis-1,2-dichloroethene	trans-1,2-dichloroethene	1,2-Dichloro propane	cis-1,3-di chloropropene	trans-1,3-di chloropropene	Ethylbenzene	2-Hexanone	Bromomethane
Downgradient																
LFPOC10	7/23/13	SW8260_25	<1	<1	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
LFPOC10	1/29/14	SW8260_25	<1	<1	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
LFPOC10	8/5/14	SW8260_25	<1	<1	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
LFPOC10	7/28/15	SW8260_25	<1	<1	<2	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
LFPOC10	7/25/16	SW8260_25	<1	<1	<2	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
LFPOC10	7/24/18	SW8260_25	<1	<1	<2	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
LFPOC11	11/13/06	SW8260_25	<1	<1	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
LFPOC11	2/7/07	SW8260_25	<1	<1	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
LFPOC11	4/19/07	SW8260_25	<1	<1	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
LFPOC11	7/23/07	SW8260_25	<1	<1	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
LFPOC11	10/30/07	SW8260_25	<1	<1	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
LFPOC11	1/30/08	SW8260_25	<1	<1	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
LFPOC11	4/28/08	SW8260_25	<1	<1	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
LFPOC11	7/28/08	SW8260_25	<1	<1	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
LFPOC11 (Dup)	7/31/08	SW8260_25	<1	<1	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
LFPOC11	1/21/09	SW8260_25	<1	<1	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
LFPOC11 (Dup)	1/21/09	SW8260_25	<1	<1	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
LFPOC11	7/28/09	SW8260_25	<1	<1	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
LFPOC11	1/27/10	SW8260_25	<1	<1	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
LFPOC11	7/26/10	SW8260_25	<1	<1	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
LFPOC11	1/25/11	SW8260_25	<1	<1	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
LFPOC11	7/26/11	SW8260_25	<1	<1	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
LFPOC11	1/30/12	SW8260_25	<1	<1	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
LFPOC11	7/25/12	SW8260_25	<1	<1	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
LFPOC11	1/21/13	SW8260_25	<1	<1	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
LFPOC11	7/23/13	SW8260_25	<1	<1	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
LFPOC11	1/29/14	SW8260_25	<1	<1	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
LFPOC11	8/5/14	SW8260_25	<1	<1	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
LFPOC11	7/28/15	SW8260_25	<1	<1	<2	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
LFPOC11	7/25/16	SW8260_25	<1	<1	<2	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
LFPOC11	7/24/18	SW8260_25	<1	<1	<2	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
LFPOC12	11/13/06	SW8260_25	<1	<1	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
LFPOC12	2/8/07	SW8260_25	<1	<1	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
LFPOC12	4/19/07	SW8260_25	<1	<1	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
LFPOC12 (Dup)	4/19/07	SW8260_25	<1	<1	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
LFPOC12	7/23/07	SW8260_25	<1	<1	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
LFPOC12 (Dup)	7/23/07	SW8260_25	<1	<1	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1

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LOWRY OU2 LANDFILL SITE
FORMER LOWRY AIR FORCE BASE
DENVER, COLORADO

Sampling Location / Well ID	Sample Date	Analytical Method	Volatile Organic Compounds (ug/L)													
			1,2-Dichloro benzene	1,4-Dichloro benzene	trans-1,4-Dichloro-2-butene	1,1-Dichloro ethane	1,2-Dichloro ethane	1,1-Dichloro ethene	cis-1,2-dichloroethene	trans-1,2-dichloroethene	1,2-Dichloro propane	cis-1,3-di chloropropene	trans-1,3-di chloropropene	Ethylbenzene	2-Hexanone	Bromomethane
Downgradient																
LFPOC12	10/30/07	SW8260_25	<1	<1	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
LFPOC12	1/30/08	SW8260_25	<1	<1	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
LFPOC12	4/28/08	SW8260_25	<1	<1	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
LFPOC12	7/31/08	SW8260_25	<1	<1	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
LFPOC12	1/21/09	SW8260_25	<1	<1	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
LFPOC12	7/28/09	SW8260_25	<1	<1	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
LFPOC12	1/27/10	SW8260_25	<1	<1	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
LFPOC12	7/26/10	SW8260_25	<1	<1	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
LFPOC12	1/25/11	SW8260_25	<1	<1	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
LFPOC12	7/26/11	SW8260_25	<1	<1	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
LFPOC12	1/30/12	SW8260_25	<1	<1	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
LFPOC12	7/25/12	SW8260_25	<1	<1	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
LFPOC12	1/21/13	SW8260_25	<1	<1	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
LFPOC12	7/23/13	SW8260_25	<1	<1	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
LFPOC12	1/29/14	SW8260_25	<1	<1	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
LFPOC12	8/5/14	SW8260_25	<1	<1	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
LFPOC12	7/28/15	SW8260_25	<1	<1	<2	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
LFPOC12	7/26/16	SW8260_25	<1	<1	<2	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
LFPOC12	7/24/18	SW8260_25	<1	<1	<2	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
LFPOC13	11/13/06	SW8260_25	<1	<1	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
LFPOC13	2/7/07	SW8260_25	<1	<1	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
LFPOC13	4/20/07	SW8260_25	<1	<1	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
LFPOC13	7/24/07	SW8260_25	<1	<1	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
LFPOC13	10/31/07	SW8260_25	<1	<1	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
LFPOC13	1/31/08	SW8260_25	<1	<1	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
LFPOC13	4/28/08	SW8260_25	<1	<1	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
LFPOC13	7/31/08	SW8260_25	<1	<1	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
LZ-13	11/13/06	SW8260_25	<1	<1	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
LZ-13	2/8/07	SW8260_25	<1	<1	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
LZ-13	4/19/07	SW8260_25	<1	<1	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
LZ-13	7/23/07	SW8260_25	<1	<1	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
LZ-13	10/30/07	SW8260_25	<1	<1	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
LZ-13	1/30/08	SW8260_25	<1	<1	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
LZ-13	4/28/08	SW8260_25	<1	<1	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
LZ-13	7/31/08	SW8260_25	<1	<1	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
LZ-13	1/21/09	SW8260_25	<1	<1	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
LZ-13	7/28/09	SW8260_25	<1	<1	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1

Notes: CDPHE - Colorado Department of Public Health and Environment MCLs - Maximum Contaminant Levels GW - Groundwater DW - Drinking Water SW - Surface Water Range - See Regulation 31 for details.
ug/L - micrograms per Liter (Dup) - Duplicate sample < - Below the Reporting Limit (B) - Detected in Method Bla (J) - Result is an estimated value. (R) - Result is a rejected value. NA - Not Analyzed

TABLE 2
LABORATORY ANALYTICAL RESULTS - VOLATILE ORGANIC COMPOUNDS
LOWRY OU2 LANDFILL SITE
FORMER LOWRY AIR FORCE BASE
DENVER, COLORADO

Sampling Location / Well ID	Sample Date	Analytical Method	Volatile Organic Compounds (ug/L)													
			1,2-Dichloro benzene	1,4-Dichloro benzene	trans-1,4-Dichloro-2-butene	1,1-Dichloro ethane	1,2-Dichloro ethane	1,1-Dichloro ethene	cis-1,2-dichloroethene	trans-1,2-dichloroethene	1,2-Dichloro propane	cis-1,3-di chloropropene	trans-1,3-di chloropropene	Ethylbenzene	2-Hexanone	Bromomethane
Downgradient																
LZ-13	1/27/10	SW8260_25	<1	<1	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
LZ-13	7/26/10	SW8260_25	<1	<1	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
LZ-13	1/25/11	SW8260_25	<1	<1	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
LZ-13	7/26/11	SW8260_25	<1	<1	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
LZ-13	1/30/12	SW8260_25	<1	<1	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
LZ-13	7/25/12	SW8260_25	<1	<1	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
LZ-13	1/21/13	SW8260_25	<1	<1	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
LZ-13	7/23/13	SW8260_25	<1	<1	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
LZ-13	1/29/14	SW8260_25	<1	<1	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
LZ-13	8/5/14	SW8260_25	<1	<1	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
LZ-13	7/29/15	SW8260_25	<1	<1	<2	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
LZ-13	7/25/16	SW8260_25	<1	<1	<2	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
LZ-13	7/24/18	SW8260_25	<1	<1	<2	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
GW CDPHE Standards (Dec 2016):			**600**	**75**	**--**	**--**	**0.38-5**	**7**	**14-70**	**140**	**0.52-5**	**--**	**--**	**700**	**35**	**--**
Federal DW Standards (MCLs):			**600**	**75**	**--**	**--**	**5**	**7**	**70**	**100**	**5**	**--**	**--**	**700**	**--**	**--**
Surface Water																
SW-1	11/21/06	SW8260_25	<1	<1	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
SW-1	2/8/07	SW8260_25	<1	<1	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
SW-1 (Dup)	2/8/07	SW8260_25	<1	<1	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
SW-1	4/20/07	SW8260_25	<1	<1	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
SW-1 (Dup)	4/20/07	SW8260_25	<1	<1	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
SW-1	7/24/07	SW8260_25	<1	<1	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
SW-1 (Dup)	7/24/07	SW8260_25	<1	<1	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
SW-1	10/31/07	SW8260_25	<1	<1	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
SW-1	4/28/08	SW8260_25	<1	<1	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
SW-1	1/21/09	SW8260_25	<1	<1	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
SW-1	7/29/09	SW8260_25	<1	<1	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
SW-1	1/27/10	SW8260_25	<1	<1	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
SW-1 (Dup)	1/27/10	SW8260_25	<1	<1	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
SW-1	7/26/10	SW8260_25	<1	<1	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
SW-1 (Dup)	7/26/10	SW8260_25	<1	<1	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
SW-1	1/25/11	SW8260_25	<1	<1	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
SW-1	7/26/11	SW8260_25	<1	<1	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
SW-1 (Dup)	7/26/11	SW8260_25	<1	<1	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
SW-1	1/30/12	SW8260_25	<1	<1	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
SW-1 (Dup)	1/30/12	SW8260_25	<1	<1	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
SW-1	7/25/12	SW8260_25	<1	<1	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1

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ug/L - micrograms per Liter (Dup) - Duplicate sample < - Below the Reporting Limit (B) - Detected in Method Bla (J) - Result is an estimated value. (R) - Result is a rejected value. NA - Not Analyzed

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LOWRY OU2 LANDFILL SITE
FORMER LOWRY AIR FORCE BASE
DENVER, COLORADO

Sampling Location / Well ID	Sample Date	Analytical Method	Volatile Organic Compounds (ug/L)													
			1,2-Dichloro benzene	1,4-Dichloro benzene	trans-1,4-Dichloro-2-butene	1,1-Dichloro ethane	1,2-Dichloro ethane	1,1-Dichloro ethene	cis-1,2-dichloroethene	trans-1,2-dichloroethene	1,2-Dichloro propane	cis-1,3-di chloropropene	trans-1,3-di chloropropene	Ethylbenzene	2-Hexanone	Bromomethane
Surface Water																
SW-1	1/21/13	SW8260_25	<1	<1	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
SW-1 (Dup)	1/21/13	SW8260_25	<1	<1	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
SW-1	7/23/13	SW8260_25	<1	<1	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
SW-1	1/29/14	SW8260_25	<1	<1	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
SW-1	8/5/14	SW8260_25	<1	<1	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
SW-1 (Dup)	8/5/14	SW8260_25	<1	<1	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
SW-1	7/28/15	SW8260_25	<1	<1	<2	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
SW-1	7/25/16	SW8260_25	<1	<1	<2	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
SW-1	7/24/18	SW8260_25	<1	<1	<2	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
SW-2	11/21/06	SW8260_25	<1	<1	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
SW-2 (Dup)	11/21/06	SW8260_25	<1	<1	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
SW-2	2/8/07	SW8260_25	<1	<1	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
SW-2	4/20/07	SW8260_25	<1	<1	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
SW-2	7/24/07	SW8260_25	<1	<1	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
SW-2	10/31/07	SW8260_25	<1	<1	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
SW-2	4/29/08	SW8260_25	<1	<1	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
SW-2 (Dup)	4/29/08	SW8260_25	<1	<1	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
SW-2	1/21/09	SW8260_25	<1	<1	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
SW-2	7/29/09	SW8260_25	<1	<1	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
SW-2	1/27/10	SW8260_25	<1	<1	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
SW-2	7/26/10	SW8260_25	<1	<1	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
SW-2	1/25/11	SW8260_25	<1	<1	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
SW-2	7/26/11	SW8260_25	<1	<1	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
SW-2	1/30/12	SW8260_25	<1	<1	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
SW-2	7/25/12	SW8260_25	<1	<1	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
SW-2 (Dup)	7/25/12	SW8260_25	<1	<1	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
SW-2	1/21/13	SW8260_25	<1	<1	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
SW-2	7/23/13	SW8260_25	<1	<1	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
SW-2 (Dup)	7/23/13	SW8260_25	<1	<1	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
SW-2	1/29/14	SW8260_25	<1	<1	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
SW-2 (Dup)	1/29/14	SW8260_25	<1	<1	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
SW-2	8/5/14	SW8260_25	<1	<1	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
SW-2	7/28/15	SW8260_25	<1	<1	<2	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
SW-2	7/25/16	SW8260_25	<1	<1	<2	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
SW-2 (Dup)	7/25/16	SW8260_25	<1	<1	<2	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
SW-2	7/24/18	SW8260_25	<1	<1	<2	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
SW-3	11/21/06	SW8260_25	<1	<1	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1

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LOWRY OU2 LANDFILL SITE
FORMER LOWRY AIR FORCE BASE
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			1,2-Dichloro benzene	1,4-Dichloro benzene	trans-1,4-Dichloro-2-butene	1,1-Dichloro ethane	1,2-Dichloro ethane	1,1-Dichloro ethene	cis-1,2-dichloroethene	trans-1,2-dichloroethene	1,2-Dichloro propane	cis-1,3-di chloropropene	trans-1,3-di chloropropene	Ethylbenzene	2-Hexanone	Bromomethane
Surface Water																
SW-3	2/8/07	SW8260_25	<1	<1	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
SW-3	4/20/07	SW8260_25	<1	<1	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
SW-3	7/24/07	SW8260_25	<1	<1	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
SW-3	10/31/07	SW8260_25	<1	<1	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
SW-3 (Dup)	10/31/07	SW8260_25	<1	<1	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
SW-3	4/28/08	SW8260_25	<1	<1	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
SW-3	1/21/09	SW8260_25	<1	<1	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
SW-3 (Dup)	1/21/09	SW8260_25	<1	<1	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
SW-3	7/29/09	SW8260_25	<1	<1	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
SW-3 (Dup)	7/29/09	SW8260_25	<1	<1	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
SW-3	1/27/10	SW8260_25	<1	<1	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
SW-3	7/26/10	SW8260_25	<1	<1	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
SW-3	1/25/11	SW8260_25	<1	<1	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
SW-3 (Dup)	1/25/11	SW8260_25	<1	<1	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
SW-3	7/26/11	SW8260_25	<1	<1	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
SW-3	1/30/12	SW8260_25	<1	<1	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
SW-3	7/25/12	SW8260_25	<1	<1	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
SW-3	1/21/13	SW8260_25	<1	<1	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
SW-3	7/23/13	SW8260_25	<1	<1	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
SW-3	1/29/14	SW8260_25	<1	<1	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
SW-3	8/5/14	SW8260_25	<1	<1	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
SW-3	7/28/15	SW8260_25	<1	<1	<2	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
SW-3 (Dup)	7/28/15	SW8260_25	<1	<1	<2	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
SW-3	7/25/16	SW8260_25	<1	<1	<2	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
SW-3	7/24/18	SW8260_25	<1	<1	<2	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
SW-3 (Dup)	7/24/18	SW8260_25	<1	<1	<2	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
SW CDPHE Drinking Water or Domestic Use Standards (Jan 2018):			**600**	**75**	**--**	**--**	**0.38-5**	**7**	**14-70**	**100**	**0.52-5**	**--**	**--**	**700**	**35**	**--**

Notes: CDPHE - Colorado Department of Public Health and Environment MCLs - Maximum Contaminant Levels GW - Groundwater DW - Drinking Water SW - Surface Water Range - See Regulation 31 for details.
ug/L - micrograms per Liter (Dup) - Duplicate sample < - Below the Reporting Limit (B) - Detected in Method Bla (J) - Result is an estimated value. (R) - Result is a rejected value. NA - Not Analyzed

TABLE 2
LABORATORY ANALYTICAL RESULTS - VOLATILE ORGANIC COMPOUNDS
LOWRY OU2 LANDFILL SITE
FORMER LOWRY AIR FORCE BASE
DENVER, COLORADO

Sampling Location / Well ID	Sample Date	Analytical Method	Volatile Organic Compounds (ug/L)												
			Chloro methane	Dibromo methane	Methylene chloride	2-Butanone	Iodomethane	4-methyl-2-pentanone	Styrene	1,1,1,2-tetra chloroethane	1,1,2,2-tetra chloroethane	Tetrachloro ethene	Toluene	1,1,1-Tri chloroethane	1,1,2-Tri chloroethane	Trichloro ethene
Upgradient																
BG-5	11/13/06	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
BG-5	2/7/07	SW8260_25	<1	<1	<1	<10 (R)	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
BG-5	4/19/07	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
BG-5	7/23/07	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
BG-5	10/30/07	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
BG-5 (Dup)	10/30/07	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
BG-5	1/31/08	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
BG-5	5/1/08	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
BG-5	7/28/08	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
BG-5	1/21/09	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
BG-5	7/28/09	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
BG-5	1/27/10	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
BG-5	7/26/10	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
BG-5 (Dup)	7/26/10	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
BG-5	1/25/11	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
BG-5	7/26/11	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
BG-5	1/30/12	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
BG-5	7/25/12	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
BG-5 (Dup)	7/25/12	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
BG-5	1/21/13	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
BG-5 (Dup)	1/21/13	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
BG-5	7/23/13	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
BG-5	1/29/14	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
BG-5	8/5/14	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
BG-5	7/28/15	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
BG-5 (Dup)	7/28/15	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
BG-5	7/25/16	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
BG-5	7/24/18	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
BG-6	11/13/06	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
BG-6	2/7/07	SW8260_25	<1	<1	<1	<10 (R)	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
BG-6 (Dup)	2/7/07	SW8260_25	<1	<1	<1	<10 (R)	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
BG-6	4/20/07	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
BG-6	7/23/07	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
BG-6	10/30/07	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
BG-6	1/30/08	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
BG-6	4/28/08	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
BG-6	7/28/08	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
BG-6	1/21/09	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	0.25 (J)	<1	<1	<1

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ug/L - micrograms per Liter (Dup) - Duplicate sample < - Below the Reporting Limit (B) - Detected in Method Blank (J) - Result is an estimated value. (R) - Result is a rejected value.

TABLE 2
LABORATORY ANALYTICAL RESULTS - VOLATILE ORGANIC COMPOUNDS
LOWRY OU2 LANDFILL SITE
FORMER LOWRY AIR FORCE BASE
DENVER, COLORADO

Sampling Location / Well ID	Sample Date	Analytical Method	Volatile Organic Compounds (ug/L)													
			Chloro methane	Dibromo methane	Methylene chloride	2-Butanone	Iodomethane	4-methyl-2-pentanone	Styrene	1,1,1,2-tetra chloroethane	1,1,2,2-tetra chloroethane	Tetrachloro ethene	Toluene	1,1,1-Tri chloroethane	1,1,2-Tri chloroethane	Trichloro ethene
Upgradient																
BG-6	7/28/09	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
BG-6	1/27/10	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
BG-6	7/26/10	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
BG-6	1/25/11	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
BG-6	7/26/11	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
BG-6	1/30/12	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
BG-6	7/25/12	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
BG-6	1/21/13	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
BG-6	7/23/13	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
BG-6 (Dup)	7/23/13	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
BG-6	1/29/14	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
BG-6 (Dup)	1/29/14	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
BG-6	8/5/14	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
BG-6 (Dup)	8/5/14	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
BG-6	7/28/15	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
BG-6	7/25/16	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
BG-6	7/24/18	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
LFPOC09	11/13/06	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
LFPOC09	2/8/07	SW8260_25	<1	<1	<1	<10 (R)	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
LFPOC09	4/19/07	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
LFPOC09	7/23/07	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
LFPOC09	10/31/07	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
LFPOC09	1/30/08	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
LFPOC09	4/28/08	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
LFPOC09	7/31/08	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
LFPOC09	1/21/09	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
LFPOC09	7/28/09	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
LFPOC09	1/27/10	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
LFPOC09	7/26/10	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
LFPOC09	1/25/11	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
LFPOC09 (Dup)	1/25/11	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
LFPOC09	7/26/11	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
LFPOC09 (Dup)	7/26/11	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
LFPOC09	1/30/12	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
LFPOC09 (Dup)	1/30/12	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
LFPOC09	7/25/12	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
LFPOC09	1/21/13	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
LFPOC09	7/23/13	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1

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ug/L - micrograms per Liter (Dup) - Duplicate sample < - Below the Reporting Limit (B) - Detected in Method Blank (J) - Result is an estimated value. (R) - Result is a rejected value.

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LOWRY OU2 LANDFILL SITE
FORMER LOWRY AIR FORCE BASE
DENVER, COLORADO

Sampling Location / Well ID	Sample Date	Analytical Method	Volatile Organic Compounds (ug/L)												
			Chloro methane	Dibromo methane	Methylene chloride	2-Butanone	Iodomethane	4-methyl-2-pentanone	Styrene	1,1,1,2-tetra chloroethane	1,1,2,2-tetra chloroethane	Tetrachloro ethene	Toluene	1,1,1-Tri chloroethane	1,1,2-Tri chloroethane	Trichloro ethene
Upgradient																
LFPOC09	1/29/14	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
LFPOC09	8/5/14	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
LFPOC09	7/28/15	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
LFPOC09	7/25/16	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
LFPOC09 (Dup)	7/25/16	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
LFPOC09	7/24/18	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
LFPOC09 (Dup)	7/24/18	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
Downgradient																
LFPOC07	11/13/06	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	0.43 (J)
LFPOC07	2/8/07	SW8260_25	<1	<1	<1	<10 (R)	<1	<10	<1	<1	<1	<1	<1	<1	<1	0.6 (J)
LFPOC07	4/19/07	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	0.62 (J)
LFPOC07	7/23/07	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	0.58 (J)
LFPOC07	12/19/07	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	0.42 (J)
LFPOC07	1/30/08	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	0.4 (J)
LFPOC07	4/28/08	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	0.48 (J)
LFPOC07	7/28/08	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	0.38 (J)
LFPOC07	1/21/09	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	0.38 (J)
LFPOC07	7/28/09	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	0.33 (J)
LFPOC07 (Dup)	7/28/09	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	0.35 (J)
LFPOC07	1/27/10	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	0.31 (J)
LFPOC07	7/26/10	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	0.41 (J)
LFPOC07	1/25/11	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	0.31 (J)
LFPOC07	7/26/11	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
LFPOC07	1/30/12	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
LFPOC07	7/25/12	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
LFPOC07	1/21/13	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
LFPOC07	7/23/13	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	0.33 (J)
LFPOC07	1/29/14	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
LFPOC07	8/5/14	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
LFPOC07	7/29/15	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
LFPOC07	7/25/16	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
LFPOC07	7/24/18	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
LFPOC08	11/13/06	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	0.13 (J)
LFPOC08	2/7/07	SW8260_25	<1	<1	<1	<10 (R)	<1	<10	<1	<1	<1	<1	<1	<1	<1	0.21 (J)
LFPOC08	4/19/07	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
LFPOC08	7/23/07	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	0.19 (J)
LFPOC08	10/30/07	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	0.18 (J)

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TABLE 2
LABORATORY ANALYTICAL RESULTS - VOLATILE ORGANIC COMPOUNDS
LOWRY OU2 LANDFILL SITE
FORMER LOWRY AIR FORCE BASE
DENVER, COLORADO

Sampling Location / Well ID	Sample Date	Analytical Method	Volatile Organic Compounds (ug/L)												
			Chloro methane	Dibromo methane	Methylene chloride	2-Butanone	Iodomethane	4-methyl-2-pentanone	Styrene	1,1,1,2-tetra chloroethane	1,1,2,2-tetra chloroethane	Tetrachloro ethene	Toluene	1,1,1-Tri chloroethane	1,1,2-Tri chloroethane	Trichloro ethene
Downgradient																
LFPOC08	1/30/08	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
LFPOC08	4/28/08	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
LFPOC08 (Dup)	4/28/08	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
LFPOC08	7/28/08	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
LFPOC08	1/21/09	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
LFPOC08	7/28/09	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
LFPOC08	1/27/10	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
LFPOC08	7/26/10	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
LFPOC08	1/25/11	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
LFPOC08	7/26/11	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
LFPOC08	1/30/12	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
LFPOC08	7/25/12	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
LFPOC08	1/21/13	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
LFPOC08	7/23/13	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
LFPOC08	1/29/14	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
LFPOC08	8/5/14	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
LFPOC08	7/28/15	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
LFPOC08	7/25/16	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
LFPOC08	7/24/18	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
LFPOC10	11/13/06	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
LFPOC10	2/7/07	SW8260_25	<1	<1	<1	<10 (R)	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
LFPOC10	4/19/07	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
LFPOC10	7/23/07	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
LFPOC10	10/30/07	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
LFPOC10	1/30/08	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
LFPOC10 (Dup)	1/30/08	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
LFPOC10	5/1/08	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
LFPOC10	7/31/08	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
LFPOC10	1/21/09	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
LFPOC10	7/28/09	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
LFPOC10	1/27/10	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
LFPOC10 (Dup)	1/27/10	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
LFPOC10	7/26/10	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
LFPOC10	1/25/11	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
LFPOC10	7/26/11	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
LFPOC10	1/30/12	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
LFPOC10	7/25/12	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
LFPOC10	1/21/13	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1

Notes: CDPHE - Colorado Department of Public Health and Environment MCLs - Maximum Contaminant Levels GW - Groundwater DW - Drinking Water SW - Surface Water Range - See Regulation 31 for details.
ug/L - micrograms per Liter (Dup) - Duplicate sample < - Below the Reporting Limit (B) - Detected in Method Blank (J) - Result is an estimated value. (R) - Result is a rejected value.

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LOWRY OU2 LANDFILL SITE
FORMER LOWRY AIR FORCE BASE
DENVER, COLORADO

Sampling Location / Well ID	Sample Date	Analytical Method	Volatile Organic Compounds (ug/L)													
			Chloro methane	Dibromo methane	Methylene chloride	2-Butanone	Iodomethane	4-methyl-2-pentanone	Styrene	1,1,1,2-tetra chloroethane	1,1,2,2-tetra chloroethane	Tetrachloro ethene	Toluene	1,1,1-Tri chloroethane	1,1,2-Tri chloroethane	Trichloro ethene
Downgradient																
LFPOC10	7/23/13	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
LFPOC10	1/29/14	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
LFPOC10	8/5/14	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
LFPOC10	7/28/15	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
LFPOC10	7/25/16	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
LFPOC10	7/24/18	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
LFPOC11	11/13/06	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	0.099 (J)	<1	<1	<1
LFPOC11	2/7/07	SW8260_25	<1	<1	<1	<10 (R)	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
LFPOC11	4/19/07	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
LFPOC11	7/23/07	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
LFPOC11	10/30/07	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
LFPOC11	1/30/08	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
LFPOC11	4/28/08	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
LFPOC11	7/28/08	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
LFPOC11 (Dup)	7/31/08	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
LFPOC11	1/21/09	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
LFPOC11	7/28/09	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
LFPOC11	1/27/10	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
LFPOC11	7/26/10	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
LFPOC11	1/25/11	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
LFPOC11	7/26/11	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
LFPOC11	1/30/12	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
LFPOC11	7/25/12	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
LFPOC11	1/21/13	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
LFPOC11	7/23/13	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
LFPOC11	1/29/14	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
LFPOC11	8/5/14	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
LFPOC11	7/28/15	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
LFPOC11	7/25/16	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
LFPOC11	7/24/18	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
LFPOC12	11/13/06	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
LFPOC12	2/8/07	SW8260_25	<1	<1	<1	<10 (R)	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
LFPOC12	4/19/07	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
LFPOC12 (Dup)	4/19/07	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
LFPOC12	7/23/07	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
LFPOC12 (Dup)	7/23/07	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
LFPOC12	10/30/07	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1

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			Chloro methane	Dibromo methane	Methylene chloride	2-Butanone	Iodomethane	4-methyl-2-pentanone	Styrene	1,1,1,2-tetra chloroethane	1,1,2,2-tetra chloroethane	Tetrachloro ethene	Toluene	1,1,1-Tri chloroethane	1,1,2-Tri chloroethane	Trichloro ethene
Downgradient																
LFPOC12	1/30/08	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
LFPOC12	4/28/08	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
LFPOC12	7/31/08	SW8260_25	0.21 (J)	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
LFPOC12	1/21/09	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
LFPOC12	7/28/09	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
LFPOC12	1/27/10	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
LFPOC12	7/26/10	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
LFPOC12	1/25/11	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
LFPOC12	7/26/11	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
LFPOC12	1/30/12	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
LFPOC12	7/25/12	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
LFPOC12	1/21/13	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
LFPOC12	7/23/13	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
LFPOC12	1/29/14	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
LFPOC12	8/5/14	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
LFPOC12	7/28/15	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
LFPOC12	7/26/16	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
LFPOC12	7/24/18	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
LFPOC13	11/13/06	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
LFPOC13	2/7/07	SW8260_25	<1	<1	<1	<10 (R)	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
LFPOC13	4/20/07	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
LFPOC13	7/24/07	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
LFPOC13	10/31/07	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
LFPOC13	1/31/08	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
LFPOC13	4/28/08	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
LFPOC13	7/31/08	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
LZ-13	11/13/06	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
LZ-13	2/8/07	SW8260_25	<1	<1	<1	<10 (R)	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
LZ-13	4/19/07	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
LZ-13	7/23/07	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
LZ-13	10/30/07	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
LZ-13	1/30/08	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
LZ-13	4/28/08	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
LZ-13	7/31/08	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
LZ-13	1/21/09	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
LZ-13	7/28/09	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
LZ-13	1/27/10	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
LZ-13	7/26/10	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1

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Downgradient																
LZ-13	1/25/11	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
LZ-13	7/26/11	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
LZ-13	1/30/12	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
LZ-13	7/25/12	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
LZ-13	1/21/13	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
LZ-13	7/23/13	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
LZ-13	1/29/14	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
LZ-13	8/5/14	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
LZ-13	7/29/15	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
LZ-13	7/25/16	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
LZ-13	7/24/18	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
GW CDPHE Standards (Dec 2016):			--	--	**5.6**	--	--	--	**100**	--	**0.18**	**17**	**560-1000**	**14,000**	**2.8-5**	**5**
Federal DW Standards (MCLs):			--	--	**5**	--	--	--	**100**	--	--	**5**	**1000**	**200**	**5**	**5**
Surface Water																
SW-1	11/21/06	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
SW-1	2/8/07	SW8260_25	<1	<1	<1	<10 (R)	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
SW-1 (Dup)	2/8/07	SW8260_25	<1	<1	<1	<10 (R)	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
SW-1	4/20/07	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
SW-1 (Dup)	4/20/07	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
SW-1	7/24/07	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
SW-1 (Dup)	7/24/07	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
SW-1	10/31/07	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
SW-1	4/28/08	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
SW-1	1/21/09	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
SW-1	7/29/09	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
SW-1	1/27/10	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
SW-1 (Dup)	1/27/10	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
SW-1	7/26/10	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
SW-1 (Dup)	7/26/10	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
SW-1	1/25/11	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
SW-1	7/26/11	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
SW-1 (Dup)	7/26/11	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
SW-1	1/30/12	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
SW-1 (Dup)	1/30/12	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
SW-1	7/25/12	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
SW-1	1/21/13	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
SW-1 (Dup)	1/21/13	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
SW-1	7/23/13	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1

Notes: CDPHE - Colorado Department of Public Health and Environment MCLs - Maximum Contaminant Levels GW - Groundwater DW - Drinking Water SW - Surface Water Range - See Regulation 31 for details.
ug/L - micrograms per Liter (Dup) - Duplicate sample < - Below the Reporting Limit (B) - Detected in Method Blank (J) - Result is an estimated value. (R) - Result is a rejected value.

TABLE 2
LABORATORY ANALYTICAL RESULTS - VOLATILE ORGANIC COMPOUNDS
LOWRY OU2 LANDFILL SITE
FORMER LOWRY AIR FORCE BASE
DENVER, COLORADO

Sampling Location / Well ID	Sample Date	Analytical Method	Volatile Organic Compounds (ug/L)												
			Chloro methane	Dibromo methane	Methylene chloride	2-Butanone	Iodomethane	4-methyl-2-pentanone	Styrene	1,1,1,2-tetra chloroethane	1,1,2,2-tetra chloroethane	Tetrachloro ethene	Toluene	1,1,1-Tri chloroethane	1,1,2-Tri chloroethane	Trichloro ethene
Surface Water																
SW-1	1/29/14	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
SW-1	8/5/14	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
SW-1 (Dup)	8/5/14	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
SW-1	7/28/15	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
SW-1	7/25/16	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
SW-1	7/24/18	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
SW-2	11/21/06	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
SW-2 (Dup)	11/21/06	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
SW-2	2/8/07	SW8260_25	<1	<1	<1	<10 (R)	<1	<10	<1	<1	<1	<1	0.26 (J)	<1	<1	<1
SW-2	4/20/07	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
SW-2	7/24/07	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
SW-2	10/31/07	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
SW-2	4/29/08	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
SW-2 (Dup)	4/29/08	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
SW-2	1/21/09	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
SW-2	7/29/09	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
SW-2	1/27/10	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
SW-2	7/26/10	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
SW-2	1/25/11	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
SW-2	7/26/11	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
SW-2	1/30/12	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
SW-2	7/25/12	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
SW-2 (Dup)	7/25/12	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
SW-2	1/21/13	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
SW-2	7/23/13	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
SW-2 (Dup)	7/23/13	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
SW-2	1/29/14	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
SW-2 (Dup)	1/29/14	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
SW-2	8/5/14	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
SW-2	7/28/15	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
SW-2	7/25/16	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
SW-2 (Dup)	7/25/16	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
SW-2	7/24/18	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
SW-3	11/21/06	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
SW-3	2/8/07	SW8260_25	<1	<1	<1	<10 (R)	<1	<10	<1	<1	<1	<1	0.25 (J)	<1	<1	<1
SW-3	4/20/07	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
SW-3	7/24/07	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
SW-3	10/31/07	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1

Notes: CDPHE - Colorado Department of Public Health and Environment MCLs - Maximum Contaminant Levels GW - Groundwater DW - Drinking Water SW - Surface Water Range - See Regulation 31 for details.
ug/L - micrograms per Liter (Dup) - Duplicate sample < - Below the Reporting Limit (B) - Detected in Method Blank (J) - Result is an estimated value. (R) - Result is a rejected value.

TABLE 2
LABORATORY ANALYTICAL RESULTS - VOLATILE ORGANIC COMPOUNDS
LOWRY OU2 LANDFILL SITE
FORMER LOWRY AIR FORCE BASE
DENVER, COLORADO

Sampling Location / Well ID	Sample Date	Analytical Method	Volatile Organic Compounds (ug/L)												
			Chloro methane	Dibromo methane	Methylene chloride	2-Butanone	Iodomethane	4-methyl-2-pentanone	Styrene	1,1,1,2-tetra chloroethane	1,1,2,2-tetra chloroethane	Tetrachloro ethene	Toluene	1,1,1-Tri chloroethane	1,1,2-Tri chloroethane	Trichloro ethene
Surface Water																
SW-3 (Dup)	10/31/07	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
SW-3	4/28/08	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
SW-3	1/21/09	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
SW-3 (Dup)	1/21/09	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
SW-3	7/29/09	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
SW-3 (Dup)	7/29/09	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
SW-3	1/27/10	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
SW-3	7/26/10	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
SW-3	1/25/11	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
SW-3 (Dup)	1/25/11	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
SW-3	7/26/11	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
SW-3	1/30/12	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
SW-3	7/25/12	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
SW-3	1/21/13	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
SW-3	7/23/13	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
SW-3	1/29/14	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
SW-3	8/5/14	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
SW-3	7/28/15	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
SW-3 (Dup)	7/28/15	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
SW-3	7/25/16	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
SW-3	7/24/18	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
SW-3 (Dup)	7/24/18	SW8260_25	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1
SW CDPHE Drinking Water or Domestic Use Standards (Jan 2018):			--	--	**5**	--	--	--	**100**	--	**0.18**	**5**	**560-1000**	**200**	**2.8-5**	**5**

Notes: CDPHE - Colorado Department of Public Health and Environment MCLs - Maximum Contaminant Levels GW - Groundwater DW - Drinking Water SW - Surface Water Range - See Regulation 31 for details.
ug/L - micrograms per Liter (Dup) - Duplicate sample < - Below the Reporting Limit (B) - Detected in Method Blank (J) - Result is an estimated value. (R) - Result is a rejected value.

TABLE 2
LABORATORY ANALYTICAL RESULTS - VOLATILE ORGANIC COMPOUNDS
LOWRY OU2 LANDFILL SITE
FORMER LOWRY AIR FORCE BASE
DENVER, COLORADO

Sampling Location / Well ID	Sample Date	Analytical Method	Volatile Organic Compounds (ug/L)						
			Trichlorofluoro methane	1,2,3-Tri chloropropane	Vinyl acetate	Vinyl chloride	Total xylenes	Xylenes, m and p	Xylenes, o
Upgradient									
BG-5	11/13/06	SW8260_25	<1	<1	<1	<1	<2	<1	<1
BG-5	2/7/07	SW8260_25	<1	<1	<2	<1	<2	<1	<1
BG-5	4/19/07	SW8260_25	<1	<1	<2	<1	<2	<1	<1
BG-5	7/23/07	SW8260_25	<1	<1	<2	<1	<2	<1	<1
BG-5	10/30/07	SW8260_25	<1	<1	<2	<1	<2	<1	<1
BG-5 (Dup)	10/30/07	SW8260_25	<1	<1	<2	<1	<2	<1	<1
BG-5	1/31/08	SW8260_25	<1	<1	<2	<1	<2	<1	<1
BG-5	5/1/08	SW8260_25	<1	<1	<2	<1	<2	<1	<1
BG-5	7/28/08	SW8260_25	<1	<1	<2	<1	<2	<1	<1
BG-5	1/21/09	SW8260_25	<1	<1	<2	<1	<2	<1	<1
BG-5	7/28/09	SW8260_25	<1	<1	<2	<1	<2	<1	<1
BG-5	1/27/10	SW8260_25	<1	<1	<2	<1	<2	<1	<1
BG-5	7/26/10	SW8260_25	<1	<1	<2	<1	<2	<1	<1
BG-5 (Dup)	7/26/10	SW8260_25	<1	<1	<2	<1	<2	<1	<1
BG-5	1/25/11	SW8260_25	<1	<1	<2	<1	<2	<1	<1
BG-5	7/26/11	SW8260_25	<1	<1	<2	<1	<2	<1	<1
BG-5	1/30/12	SW8260_25	<1	<1	<2	<1	<2	<1	<1
BG-5	7/25/12	SW8260_25	<1	<1	<2	<1	<2	<1	<1
BG-5 (Dup)	7/25/12	SW8260_25	<1	<1	<2	<1	<2	<1	<1
BG-5	1/21/13	SW8260_25	<1	<1	<2	<1	<2	<1	<1
BG-5 (Dup)	1/21/13	SW8260_25	<1	<1	<2	<1	<2	<1	<1
BG-5	7/23/13	SW8260_25	<1	<1	<2	<1	<2	<1	<1
BG-5	1/29/14	SW8260_25	<1	<1	<2	<1	<2	<1	<1
BG-5	8/5/14	SW8260_25	<1	<1	<2	<1	<2	<1	<1
BG-5	7/28/15	SW8260_25	<1	<1	<2	<1	<2	<1	<1
BG-5 (Dup)	7/28/15	SW8260_25	<1	<1	<2	<1	<2	<1	<1
BG-5	7/25/16	SW8260_25	<1	<1	<2	<1	<2	<1	<1
BG-5	7/24/18	SW8260_25	<1	<1	<2	<1	<2	<1	<1
BG-6	11/13/06	SW8260_25	<1	<1	<1	<1	<2	<1	<1
BG-6	2/7/07	SW8260_25	<1	<1	<2	<1	<2	<1	<1
BG-6 (Dup)	2/7/07	SW8260_25	<1	<1	<2	<1	<2	<1	<1
BG-6	4/20/07	SW8260_25	<1	<1	<2	<1	<2	<1	<1
BG-6	7/23/07	SW8260_25	<1	<1	<2	<1	<2	<1	<1
BG-6	10/30/07	SW8260_25	<1	<1	<2	<1	<2	<1	<1
BG-6	1/30/08	SW8260_25	<1	<1	<2	<1	<2	<1	<1
BG-6	4/28/08	SW8260_25	<1	<1	<2	<1	<2	<1	<1
BG-6	7/28/08	SW8260_25	<1	<1	<2	<1	<2	<1	<1
BG-6	1/21/09	SW8260_25	<1	<1	<2	<1	0.21 (J)	0.21 (J)	<1

Notes: CDPHE - Colorado Department of Public Health and Environment
GW - Groundwater DW - Drinking Water SW - Surface Water
(B) - Detected in Method Blank (J) - Result is an estimated value.
ug/L - micrograms per Liter (Dup) - Duplicate sample
MCLs - Maximum Contaminant Levels
Range - See Regulation 31 for details.
(R) - Result is a rejected value.
< - Below the Reporting Limit

TABLE 2
LABORATORY ANALYTICAL RESULTS - VOLATILE ORGANIC COMPOUNDS
LOWRY OU2 LANDFILL SITE
FORMER LOWRY AIR FORCE BASE
DENVER, COLORADO

Sampling Location / Well ID	Sample Date	Analytical Method	Volatile Organic Compounds (ug/L)						
			Trichlorofluoro methane	1,2,3-Tri chloropropane	Vinyl acetate	Vinyl chloride	Total xylenes	Xylenes, m and p	Xylenes, o
Upgradient									
BG-6	7/28/09	SW8260_25	<1	<1	<2	<1	<2	<1	<1
BG-6	1/27/10	SW8260_25	<1	<1	<2	<1	<2	<1	<1
BG-6	7/26/10	SW8260_25	<1	<1	<2	<1	<2	<1	<1
BG-6	1/25/11	SW8260_25	<1	<1	<2	<1	<2	<1	<1
BG-6	7/26/11	SW8260_25	<1	<1	<2	<1	<2	<1	<1
BG-6	1/30/12	SW8260_25	<1	<1	<2	<1	<2	<1	<1
BG-6	7/25/12	SW8260_25	<1	<1	<2	<1	<2	<1	<1
BG-6	1/21/13	SW8260_25	<1	<1	<2	<1	<2	<1	<1
BG-6	7/23/13	SW8260_25	<1	<1	<2	<1	<2	<1	<1
BG-6 (Dup)	7/23/13	SW8260_25	<1	<1	<2	<1	<2	<1	<1
BG-6	1/29/14	SW8260_25	<1	<1	<2	<1	<2	<1	<1
BG-6 (Dup)	1/29/14	SW8260_25	<1	<1	<2	<1	<2	<1	<1
BG-6	8/5/14	SW8260_25	<1	<1	<2	<1	<2	<1	<1
BG-6 (Dup)	8/5/14	SW8260_25	<1	<1	<2	<1	<2	<1	<1
BG-6	7/28/15	SW8260_25	<1	<1	<2	<1	<2	<1	<1
BG-6	7/25/16	SW8260_25	<1	<1	<2	<1	<2	<1	<1
BG-6	7/24/18	SW8260_25	<1	<1	<2	<1	<2	<1	<1
LFPOC09	11/13/06	SW8260_25	<1	<1	<1	<1	<2	<1	<1
LFPOC09	2/8/07	SW8260_25	<1	<1	<2	<1	<2	<1	<1
LFPOC09	4/19/07	SW8260_25	<1	<1	<2	<1	<2	<1	<1
LFPOC09	7/23/07	SW8260_25	<1	<1	<2	<1	<2	<1	<1
LFPOC09	10/31/07	SW8260_25	<1	<1	<2	<1	<2	<1	<1
LFPOC09	1/30/08	SW8260_25	<1	<1	<2	<1	<2	<1	<1
LFPOC09	4/28/08	SW8260_25	<1	<1	<2	<1	<2	<1	<1
LFPOC09	7/31/08	SW8260_25	<1	<1	<2	<1	<2	<1	<1
LFPOC09	1/21/09	SW8260_25	<1	<1	<2	<1	<2	<1	<1
LFPOC09	7/28/09	SW8260_25	<1	<1	<2	<1	<2	<1	<1
LFPOC09	1/27/10	SW8260_25	<1	<1	<2	<1	<2	<1	<1
LFPOC09	7/26/10	SW8260_25	<1	<1	<2	<1	<2	<1	<1
LFPOC09	1/25/11	SW8260_25	<1	<1	<2	<1	<2	<1	<1
LFPOC09 (Dup)	1/25/11	SW8260_25	<1	<1	<2	<1	<2	<1	<1
LFPOC09	7/26/11	SW8260_25	<1	<1	<2	<1	<2	<1	<1
LFPOC09 (Dup)	7/26/11	SW8260_25	<1	<1	<2	<1	<2	<1	<1
LFPOC09	1/30/12	SW8260_25	<1	<1	<2	<1	<2	<1	<1
LFPOC09 (Dup)	1/30/12	SW8260_25	<1	<1	<2	<1	<2	<1	<1
LFPOC09	7/25/12	SW8260_25	<1	<1	<2	<1	<2	<1	<1
LFPOC09	1/21/13	SW8260_25	<1	<1	<2	<1	<2	<1	<1
LFPOC09	7/23/13	SW8260_25	<1	<1	<2	<1	<2	<1	<1

Notes: CDPHE - Colorado Department of Public Health and Environment
MCLs - Maximum Contaminant Levels
GW - Groundwater DW - Drinking Water SW - Surface Water
Range - See Regulation 31 for details.
(B) - Detected in Method Blank (J) - Result is an estimated value.
(R) - Result is a rejected value.
ug/L - micrograms per Liter (Dup) - Duplicate sample
< - Below the Reporting Limit

TABLE 2
LABORATORY ANALYTICAL RESULTS - VOLATILE ORGANIC COMPOUNDS
LOWRY OU2 LANDFILL SITE
FORMER LOWRY AIR FORCE BASE
DENVER, COLORADO

Sampling Location / Well ID	Sample Date	Analytical Method	Volatile Organic Compounds (ug/L)						
			Trichlorofluoro methane	1,2,3-Tri chloropropane	Vinyl acetate	Vinyl chloride	Total xylenes	Xylenes, m and p	Xylenes, o
Upgradient									
LFPOC09	1/29/14	SW8260_25	<1	<1	<2	<1	<2	<1	<1
LFPOC09	8/5/14	SW8260_25	<1	<1	<2	<1	<2	<1	<1
LFPOC09	7/28/15	SW8260_25	<1	<1	<2	<1	<2	<1	<1
LFPOC09	7/25/16	SW8260_25	<1	<1	<2	<1	<2	<1	<1
LFPOC09 (Dup)	7/25/16	SW8260_25	<1	<1	<2	<1	<2	<1	<1
LFPOC09	7/24/18	SW8260_25	<1	<1	<2	<1	<2	<1	<1
LFPOC09 (Dup)	7/24/18	SW8260_25	<1	<1	<2	<1	<2	<1	<1
Downgradient									
LFPOC07	11/13/06	SW8260_25	<1	<1	<1	<1	<2	<1	<1
LFPOC07	2/8/07	SW8260_25	<1	<1	<2	<1	<2	<1	<1
LFPOC07	4/19/07	SW8260_25	<1	<1	<2	<1	<2	<1	<1
LFPOC07	7/23/07	SW8260_25	<1	<1	<2	<1	<2	<1	<1
LFPOC07	12/19/07	SW8260_25	<1	<1	<2	<1	<2	<1	<1
LFPOC07	1/30/08	SW8260_25	<1	<1	<2	<1	<2	<1	<1
LFPOC07	4/28/08	SW8260_25	<1	<1	<2	<1	<2	<1	<1
LFPOC07	7/28/08	SW8260_25	<1	<1	<2	<1	<2	<1	<1
LFPOC07	1/21/09	SW8260_25	<1	<1	<2	<1	<2	<1	<1
LFPOC07	7/28/09	SW8260_25	<1	<1	<2	<1	<2	<1	<1
LFPOC07 (Dup)	7/28/09	SW8260_25	<1	<1	<2	<1	<2	<1	<1
LFPOC07	1/27/10	SW8260_25	<1	<1	<2	<1	<2	<1	<1
LFPOC07	7/26/10	SW8260_25	<1	<1	<2	<1	<2	<1	<1
LFPOC07	1/25/11	SW8260_25	<1	<1	<2	<1	<2	<1	<1
LFPOC07	7/26/11	SW8260_25	<1	<1	<2	<1	<2	<1	<1
LFPOC07	1/30/12	SW8260_25	<1	<1	<2	<1	<2	<1	<1
LFPOC07	7/25/12	SW8260_25	<1	<1	<2	<1	<2	<1	<1
LFPOC07	1/21/13	SW8260_25	<1	<1	<2	<1	<2	<1	<1
LFPOC07	7/23/13	SW8260_25	<1	<1	<2	<1	<2	<1	<1
LFPOC07	1/29/14	SW8260_25	<1	<1	<2	<1	<2	<1	<1
LFPOC07	8/5/14	SW8260_25	<1	<1	<2	<1	<2	<1	<1
LFPOC07	7/29/15	SW8260_25	<1	<1	<2	<1	<2	<1	<1
LFPOC07	7/25/16	SW8260_25	<1	<1	<2	<1	<2	<1	<1
LFPOC07	7/24/18	SW8260_25	<1	<1	<2	<1	<2	<1	<1
LFPOC08	11/13/06	SW8260_25	<1	<1	<1	<1	<2	<1	<1
LFPOC08	2/7/07	SW8260_25	<1	<1	<2	<1	<2	<1	<1
LFPOC08	4/19/07	SW8260_25	<1	<1	<2	<1	<2	<1	<1
LFPOC08	7/23/07	SW8260_25	<1	<1	<2	<1	<2	<1	<1
LFPOC08	10/30/07	SW8260_25	<1	<1	<2	<1	<2	<1	<1

Notes: CDPHE - Colorado Department of Public Health and Environment
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(B) - Detected in Method Blank (J) - Result is an estimated value.
ug/L - micrograms per Liter (Dup) - Duplicate sample
MCLs - Maximum Contaminant Levels
Range - See Regulation 31 for details.
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TABLE 2
LABORATORY ANALYTICAL RESULTS - VOLATILE ORGANIC COMPOUNDS
LOWRY OU2 LANDFILL SITE
FORMER LOWRY AIR FORCE BASE
DENVER, COLORADO

Sampling Location / Well ID	Sample Date	Analytical Method	Volatile Organic Compounds (ug/L)						
			Trichlorofluoro methane	1,2,3-Tri chloropropane	Vinyl acetate	Vinyl chloride	Total xylenes	Xylenes, m and p	Xylenes, o
Downgradient									
LFPOC08	1/30/08	SW8260_25	<1	<1	<2	<1	<2	<1	<1
LFPOC08	4/28/08	SW8260_25	<1	<1	<2	<1	<2	<1	<1
LFPOC08 (Dup)	4/28/08	SW8260_25	<1	<1	<2	<1	<2	<1	<1
LFPOC08	7/28/08	SW8260_25	<1	<1	<2	<1	<2	<1	<1
LFPOC08	1/21/09	SW8260_25	<1	<1	<2	<1	<2	<1	<1
LFPOC08	7/28/09	SW8260_25	<1	<1	<2	<1	<2	<1	<1
LFPOC08	1/27/10	SW8260_25	<1	<1	<2	<1	<2	<1	<1
LFPOC08	7/26/10	SW8260_25	<1	<1	<2	<1	<2	<1	<1
LFPOC08	1/25/11	SW8260_25	<1	<1	<2	<1	<2	<1	<1
LFPOC08	7/26/11	SW8260_25	<1	<1	<2	<1	<2	<1	<1
LFPOC08	1/30/12	SW8260_25	<1	<1	<2	<1	<2	<1	<1
LFPOC08	7/25/12	SW8260_25	<1	<1	<2	<1	<2	<1	<1
LFPOC08	1/21/13	SW8260_25	<1	<1	<2	<1	<2	<1	<1
LFPOC08	7/23/13	SW8260_25	<1	<1	<2	<1	<2	<1	<1
LFPOC08	1/29/14	SW8260_25	<1	<1	<2	<1	<2	<1	<1
LFPOC08	8/5/14	SW8260_25	<1	<1	<2	<1	<2	<1	<1
LFPOC08	7/28/15	SW8260_25	<1	<1	<2	<1	<2	<1	<1
LFPOC08	7/25/16	SW8260_25	<1	<1	<2	<1	<2	<1	<1
LFPOC08	7/24/18	SW8260_25	<1	<1	<2	<1	<2	<1	<1
LFPOC10	11/13/06	SW8260_25	<1	<1	<1	<1	<2	<1	<1
LFPOC10	2/7/07	SW8260_25	<1	<1	<2	<1	<2	<1	<1
LFPOC10	4/19/07	SW8260_25	<1	<1	<2	<1	<2	<1	<1
LFPOC10	7/23/07	SW8260_25	<1	<1	<2	<1	<2	<1	<1
LFPOC10	10/30/07	SW8260_25	<1	<1	<2	<1	<2	<1	<1
LFPOC10	1/30/08	SW8260_25	<1	<1	<2	<1	<2	<1	<1
LFPOC10 (Dup)	1/30/08	SW8260_25	<1	<1	<2	<1	<2	<1	<1
LFPOC10	5/1/08	SW8260_25	<1	<1	<2	<1	<2	<1	<1
LFPOC10	7/31/08	SW8260_25	<1	<1	<2	<1	<2	<1	<1
LFPOC10	1/21/09	SW8260_25	<1	<1	<2	<1	<2	<1	<1
LFPOC10	7/28/09	SW8260_25	<1	<1	<2	<1	<2	<1	<1
LFPOC10	1/27/10	SW8260_25	<1	<1	<2	<1	<2	<1	<1
LFPOC10 (Dup)	1/27/10	SW8260_25	<1	<1	<2	<1	<2	<1	<1
LFPOC10	7/26/10	SW8260_25	<1	<1	<2	<1	<2	<1	<1
LFPOC10	1/25/11	SW8260_25	<1	<1	<2	<1	<2	<1	<1
LFPOC10	7/26/11	SW8260_25	<1	<1	<2	<1	<2	<1	<1
LFPOC10	1/30/12	SW8260_25	<1	<1	<2	<1	<2	<1	<1
LFPOC10	7/25/12	SW8260_25	<1	<1	<2	<1	<2	<1	<1
LFPOC10	1/21/13	SW8260_25	<1	<1	<2	<1	<2	<1	<1

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(B) - Detected in Method Blank (J) - Result is an estimated value.
ug/L - micrograms per Liter (Dup) - Duplicate sample
MCLs - Maximum Contaminant Levels
Range - See Regulation 31 for details.
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< - Below the Reporting Limit

TABLE 2
LABORATORY ANALYTICAL RESULTS - VOLATILE ORGANIC COMPOUNDS
LOWRY OU2 LANDFILL SITE
FORMER LOWRY AIR FORCE BASE
DENVER, COLORADO

Sampling Location / Well ID	Sample Date	Analytical Method	Volatile Organic Compounds (ug/L)						
			Trichlorofluoro methane	1,2,3-Tri chloropropane	Vinyl acetate	Vinyl chloride	Total xylenes	Xylenes, m and p	Xylenes, o
Downgradient									
LFPOC10	7/23/13	SW8260_25	<1	<1	<2	<1	<2	<1	<1
LFPOC10	1/29/14	SW8260_25	<1	<1	<2	<1	<2	<1	<1
LFPOC10	8/5/14	SW8260_25	<1	<1	<2	<1	<2	<1	<1
LFPOC10	7/28/15	SW8260_25	<1	<1	<2	<1	<2	<1	<1
LFPOC10	7/25/16	SW8260_25	<1	<1	<2	<1	<2	<1	<1
LFPOC10	7/24/18	SW8260_25	<1	<1	<2	<1	<2	<1	<1
LFPOC11	11/13/06	SW8260_25	<1	<1	<1	<1	<2	<1	<1
LFPOC11	2/7/07	SW8260_25	<1	<1	<2	<1	<2	<1	<1
LFPOC11	4/19/07	SW8260_25	<1	<1	<2	<1	<2	<1	<1
LFPOC11	7/23/07	SW8260_25	<1	<1	<2	<1	<2	<1	<1
LFPOC11	10/30/07	SW8260_25	<1	<1	<2	<1	<2	<1	<1
LFPOC11	1/30/08	SW8260_25	<1	<1	<2	<1	<2	<1	<1
LFPOC11	4/28/08	SW8260_25	<1	<1	<2	<1	<2	<1	<1
LFPOC11	7/28/08	SW8260_25	<1	<1	<2	<1	<2	<1	<1
LFPOC11 (Dup)	7/31/08	SW8260_25	<1	<1	<2	<1	<2	<1	<1
LFPOC11	1/21/09	SW8260_25	<1	<1	<2	<1	<2	<1	<1
LFPOC11 (Dup)	1/21/09	SW8260_25	<1	<1	<2	<1	<2	<1	<1
LFPOC11	7/28/09	SW8260_25	<1	<1	<2	<1	<2	<1	<1
LFPOC11	1/27/10	SW8260_25	<1	<1	<2	<1	<2	<1	<1
LFPOC11	7/26/10	SW8260_25	<1	<1	<2	<1	<2	<1	<1
LFPOC11	1/25/11	SW8260_25	<1	<1	<2	<1	<2	<1	<1
LFPOC11	7/26/11	SW8260_25	<1	<1	<2	<1	<2	<1	<1
LFPOC11	1/30/12	SW8260_25	<1	<1	<2	<1	<2	<1	<1
LFPOC11	7/25/12	SW8260_25	<1	<1	<2	<1	<2	<1	<1
LFPOC11	1/21/13	SW8260_25	<1	<1	<2	<1	<2	<1	<1
LFPOC11	7/23/13	SW8260_25	<1	<1	<2	<1	<2	<1	<1
LFPOC11	1/29/14	SW8260_25	<1	<1	<2	<1	<2	<1	<1
LFPOC11	8/5/14	SW8260_25	<1	<1	<2	<1	<2	<1	<1
LFPOC11	7/28/15	SW8260_25	<1	<1	<2	<1	<2	<1	<1
LFPOC11	7/25/16	SW8260_25	<1	<1	<2	<1	<2	<1	<1
LFPOC11	7/24/18	SW8260_25	<1	<1	<2	<1	<2	<1	<1
LFPOC12	11/13/06	SW8260_25	<1	<1	<1	<1	<2	<1	<1
LFPOC12	2/8/07	SW8260_25	<1	<1	<2	<1	<2	<1	<1
LFPOC12	4/19/07	SW8260_25	<1	<1	<2	<1	<2	<1	<1
LFPOC12 (Dup)	4/19/07	SW8260_25	<1	<1	<2	<1	<2	<1	<1
LFPOC12	7/23/07	SW8260_25	<1	<1	<2	<1	<2	<1	<1
LFPOC12 (Dup)	7/23/07	SW8260_25	<1	<1	<2	<1	<2	<1	<1
LFPOC12	10/30/07	SW8260_25	<1	<1	<2	<1	<2	<1	<1

Notes: CDPHE - Colorado Department of Public Health and Environment MCLs - Maximum Contaminant Levels
GW - Groundwater DW - Drinking Water SW - Surface Water Range - See Regulation 31 for details.
(B) - Detected in Method Blank (J) - Result is an estimated value. (R) - Result is a rejected value.
ug/L - micrograms per Liter (Dup) - Duplicate sample < - Below the Reporting Limit

TABLE 2
LABORATORY ANALYTICAL RESULTS - VOLATILE ORGANIC COMPOUNDS
LOWRY OU2 LANDFILL SITE
FORMER LOWRY AIR FORCE BASE
DENVER, COLORADO

Sampling Location / Well ID	Sample Date	Analytical Method	Volatile Organic Compounds (ug/L)						
			Trichlorofluoro methane	1,2,3-Tri chloropropane	Vinyl acetate	Vinyl chloride	Total xylenes	Xylenes, m and p	Xylenes, o
Downgradient									
LFPOC12	1/30/08	SW8260_25	<1	<1	<2	<1	<2	<1	<1
LFPOC12	4/28/08	SW8260_25	<1	<1	<2	<1	<2	<1	<1
LFPOC12	7/31/08	SW8260_25	<1	<1	<2	<1	<2	<1	<1
LFPOC12	1/21/09	SW8260_25	<1	<1	<2	<1	<2	<1	<1
LFPOC12	7/28/09	SW8260_25	<1	<1	<2	<1	<2	<1	<1
LFPOC12	1/27/10	SW8260_25	<1	<1	<2	<1	<2	<1	<1
LFPOC12	7/26/10	SW8260_25	<1	<1	<2	<1	<2	<1	<1
LFPOC12	1/25/11	SW8260_25	<1	<1	<2	<1	<2	<1	<1
LFPOC12	7/26/11	SW8260_25	<1	<1	<2	<1	<2	<1	<1
LFPOC12	1/30/12	SW8260_25	<1	<1	<2	<1	<2	<1	<1
LFPOC12	7/25/12	SW8260_25	<1	<1	<2	<1	<2	<1	<1
LFPOC12	1/21/13	SW8260_25	<1	<1	<2	<1	<2	<1	<1
LFPOC12	7/23/13	SW8260_25	<1	<1	<2	<1	<2	<1	<1
LFPOC12	1/29/14	SW8260_25	<1	<1	<2	<1	<2	<1	<1
LFPOC12	8/5/14	SW8260_25	<1	<1	<2	<1	<2	<1	<1
LFPOC12	7/28/15	SW8260_25	<1	<1	<2	<1	<2	<1	<1
LFPOC12	7/26/16	SW8260_25	<1	<1	<2	<1	<2	<1	<1
LFPOC12	7/24/18	SW8260_25	<1	<1	<2	<1	<2	<1	<1
LFPOC13	11/13/06	SW8260_25	<1	<1	<1	<1	<2	<1	<1
LFPOC13	2/7/07	SW8260_25	<1	<1	<2	<1	<2	<1	<1
LFPOC13	4/20/07	SW8260_25	<1	<1	<2	<1	<2	<1	<1
LFPOC13	7/24/07	SW8260_25	<1	<1	<2	<1	<2	<1	<1
LFPOC13	10/31/07	SW8260_25	<1	<1	<2	<1	<2	<1	<1
LFPOC13	1/31/08	SW8260_25	<1	<1	<2	<1	<2	<1	<1
LFPOC13	4/28/08	SW8260_25	<1	<1	<2	<1	<2	<1	<1
LFPOC13	7/31/08	SW8260_25	<1	<1	<2	<1	<2	<1	<1
LZ-13	11/13/06	SW8260_25	<1	<1	<1	<1	<2	<1	<1
LZ-13	2/8/07	SW8260_25	<1	<1	<2	<1	<2	<1	<1
LZ-13	4/19/07	SW8260_25	<1	<1	<2	<1	<2	<1	<1
LZ-13	7/23/07	SW8260_25	<1	<1	<2	<1	<2	<1	<1
LZ-13	10/30/07	SW8260_25	<1	<1	<2	<1	<2	<1	<1
LZ-13	1/30/08	SW8260_25	<1	<1	<2	<1	<2	<1	<1
LZ-13	4/28/08	SW8260_25	<1	<1	<2	<1	<2	<1	<1
LZ-13	7/31/08	SW8260_25	<1	<1	<2	<1	<2	<1	<1
LZ-13	1/21/09	SW8260_25	<1	<1	<2	<1	<2	<1	<1
LZ-13	7/28/09	SW8260_25	<1	<1	<2	<1	<2	<1	<1
LZ-13	1/27/10	SW8260_25	<1	<1	<2	<1	<2	<1	<1
LZ-13	7/26/10	SW8260_25	<1	<1	<2	<1	<2	<1	<1

Notes: CDPHE - Colorado Department of Public Health and Environment
MCLs - Maximum Contaminant Levels
GW - Groundwater DW - Drinking Water SW - Surface Water
Range - See Regulation 31 for details.
(B) - Detected in Method Blank (J) - Result is an estimated value.
(R) - Result is a rejected value.
ug/L - micrograms per Liter (Dup) - Duplicate sample
< - Below the Reporting Limit

TABLE 2
LABORATORY ANALYTICAL RESULTS - VOLATILE ORGANIC COMPOUNDS
LOWRY OU2 LANDFILL SITE
FORMER LOWRY AIR FORCE BASE
DENVER, COLORADO

Sampling Location / Well ID	Sample Date	Analytical Method	Volatile Organic Compounds (ug/L)						
			Trichlorofluoro methane	1,2,3-Tri chloropropane	Vinyl acetate	Vinyl chloride	Total xylenes	Xylenes, m and p	Xylenes, o
Downgradient									
LZ-13	1/25/11	SW8260_25	<1	<1	<2	<1	<2	<1	<1
LZ-13	7/26/11	SW8260_25	<1	<1	<2	<1	<2	<1	<1
LZ-13	1/30/12	SW8260_25	<1	<1	<2	<1	<2	<1	<1
LZ-13	7/25/12	SW8260_25	<1	<1	<2	<1	<2	<1	<1
LZ-13	1/21/13	SW8260_25	<1	<1	<2	<1	<2	<1	<1
LZ-13	7/23/13	SW8260_25	<1	<1	<2	<1	<2	<1	<1
LZ-13	1/29/14	SW8260_25	<1	<1	<2	<1	<2	<1	<1
LZ-13	8/5/14	SW8260_25	<1	<1	<2	<1	<2	<1	<1
LZ-13	7/29/15	SW8260_25	<1	<1	<2	<1	<2	<1	<1
LZ-13	7/25/16	SW8260_25	<1	<1	<2	<1	<2	<1	<1
LZ-13	7/24/18	SW8260_25	<1	<1	<2	<1	<2	<1	<1
GW CDPHE Standards (Dec 2016):			--	**0.00037**	--	**0.023-2**	**1,400-10,000**	--	--
Federal DW Standards (MCLs):			--	--	--	**2**	**10,000**	--	--
Surface Water									
SW-1	11/21/06	SW8260_25	<1	<1	<1	<1	<2	<1	<1
SW-1	2/8/07	SW8260_25	<1	<1	<2	<1	<2	<1	<1
SW-1 (Dup)	2/8/07	SW8260_25	<1	<1	<2	<1	<2	<1	<1
SW-1	4/20/07	SW8260_25	<1	<1	<2	<1	<2	<1	<1
SW-1 (Dup)	4/20/07	SW8260_25	<1	<1	<2	<1	<2	<1	<1
SW-1	7/24/07	SW8260_25	<1	<1	<2	<1	<2	<1	<1
SW-1 (Dup)	7/24/07	SW8260_25	<1	<1	<2	<1	<2	<1	<1
SW-1	10/31/07	SW8260_25	<1	<1	<2	<1	<2	<1	<1
SW-1	4/28/08	SW8260_25	<1	<1	<2	<1	<2	<1	<1
SW-1	1/21/09	SW8260_25	<1	<1	<2	<1	<2	<1	<1
SW-1	7/29/09	SW8260_25	<1	<1	<2	<1	<2	<1	<1
SW-1	1/27/10	SW8260_25	<1	<1	<2	<1	<2	<1	<1
SW-1 (Dup)	1/27/10	SW8260_25	<1	<1	<2	<1	<2	<1	<1
SW-1	7/26/10	SW8260_25	<1	<1	<2	<1	<2	<1	<1
SW-1 (Dup)	7/26/10	SW8260_25	<1	<1	<2	<1	<2	<1	<1
SW-1	1/25/11	SW8260_25	<1	<1	<2	<1	<2	<1	<1
SW-1	7/26/11	SW8260_25	<1	<1	<2	<1	<2	<1	<1
SW-1 (Dup)	7/26/11	SW8260_25	<1	<1	<2	<1	<2	<1	<1
SW-1	1/30/12	SW8260_25	<1	<1	<2	<1	<2	<1	<1
SW-1 (Dup)	1/30/12	SW8260_25	<1	<1	<2	<1	<2	<1	<1
SW-1	7/25/12	SW8260_25	<1	<1	<2	<1	<2	<1	<1
SW-1	1/21/13	SW8260_25	<1	<1	<2	<1	<2	<1	<1
SW-1 (Dup)	1/21/13	SW8260_25	<1	<1	<2	<1	<2	<1	<1

Notes: CDPHE - Colorado Department of Public Health and Environment
GW - Groundwater DW - Drinking Water SW - Surface Water
(B) - Detected in Method Blank (J) - Result is an estimated value.
ug/L - micrograms per Liter (Dup) - Duplicate sample
MCLs - Maximum Contaminant Levels
Range - See Regulation 31 for details.
(R) - Result is a rejected value.
< - Below the Reporting Limit

TABLE 2
LABORATORY ANALYTICAL RESULTS - VOLATILE ORGANIC COMPOUNDS
LOWRY OU2 LANDFILL SITE
FORMER LOWRY AIR FORCE BASE
DENVER, COLORADO

Sampling Location / Well ID	Sample Date	Analytical Method	Volatile Organic Compounds (ug/L)						
			Trichlorofluoro methane	1,2,3-Tri chloropropane	Vinyl acetate	Vinyl chloride	Total xylenes	Xylenes, m and p	Xylenes, o
Surface Water									
SW-1	7/23/13	SW8260_25	<1	<1	<2	<1	<2	<1	<1
SW-1	1/29/14	SW8260_25	<1	<1	<2	<1	<2	<1	<1
SW-1	8/5/14	SW8260_25	<1	<1	<2	<1	<2	<1	<1
SW-1 (Dup)	8/5/14	SW8260_25	<1	<1	<2	<1	<2	<1	<1
SW-1	7/28/15	SW8260_25	<1	<1	<2	<1	<2	<1	<1
SW-1	7/25/16	SW8260_25	<1	<1	<2	<1	<2	<1	<1
SW-1	7/24/18	SW8260_25	<1	<1	<2	<1	<2	<1	<1
SW-2	11/21/06	SW8260_25	<1	<1	<1	<1	<2	<1	<1
SW-2 (Dup)	11/21/06	SW8260_25	<1	<1	<1	<1	<2	<1	<1
SW-2	2/8/07	SW8260_25	<1	<1	<2	<1	<2	<1	<1
SW-2	4/20/07	SW8260_25	<1	<1	<2	<1	<2	<1	<1
SW-2	7/24/07	SW8260_25	<1	<1	<2	<1	<2	<1	<1
SW-2	10/31/07	SW8260_25	<1	<1	<2	<1	<2	<1	<1
SW-2	4/29/08	SW8260_25	<1	<1	<2	<1	<2	<1	<1
SW-2 (Dup)	4/29/08	SW8260_25	<1	<1	<2	<1	<2	<1	<1
SW-2	1/21/09	SW8260_25	<1	<1	<2	<1	<2	<1	<1
SW-2	7/29/09	SW8260_25	<1	<1	<2	<1	<2	<1	<1
SW-2	1/27/10	SW8260_25	<1	<1	<2	<1	<2	<1	<1
SW-2	7/26/10	SW8260_25	<1	<1	<2	<1	<2	<1	<1
SW-2	1/25/11	SW8260_25	<1	<1	<2	<1	<2	<1	<1
SW-2	7/26/11	SW8260_25	<1	<1	<2	<1	<2	<1	<1
SW-2	1/30/12	SW8260_25	<1	<1	<2	<1	<2	<1	<1
SW-2	7/25/12	SW8260_25	<1	<1	<2	<1	<2	<1	<1
SW-2 (Dup)	7/25/12	SW8260_25	<1	<1	<2	<1	<2	<1	<1
SW-2	1/21/13	SW8260_25	<1	<1	<2	<1	<2	<1	<1
SW-2	7/23/13	SW8260_25	<1	<1	<2	<1	<2	<1	<1
SW-2 (Dup)	7/23/13	SW8260_25	<1	<1	<2	<1	<2	<1	<1
SW-2	1/29/14	SW8260_25	<1	<1	<2	<1	<2	<1	<1
SW-2 (Dup)	1/29/14	SW8260_25	<1	<1	<2	<1	<2	<1	<1
SW-2	8/5/14	SW8260_25	<1	<1	<2	<1	<2	<1	<1
SW-2	7/28/15	SW8260_25	<1	<1	<2	<1	<2	<1	<1
SW-2	7/25/16	SW8260_25	<1	<1	<2	<1	<2	<1	<1
SW-2 (Dup)	7/25/16	SW8260_25	<1	<1	<2	<1	<2	<1	<1
SW-2	7/24/18	SW8260_25	<1	<1	<2	<1	<2	<1	<1
SW-3	11/21/06	SW8260_25	<1	<1	<1	<1	<2	<1	<1
SW-3	2/8/07	SW8260_25	<1	<1	<2	<1	<2	<1	<1
SW-3	4/20/07	SW8260_25	<1	<1	<2	<1	<2	<1	<1
SW-3	7/24/07	SW8260_25	<1	<1	<2	<1	<2	<1	<1

Notes: CDPHE - Colorado Department of Public Health and Environment MCLs - Maximum Contaminant Levels
GW - Groundwater DW - Drinking Water SW - Surface Water Range - See Regulation 31 for details.
(B) - Detected in Method Blank (J) - Result is an estimated value. (R) - Result is a rejected value.
ug/L - micrograms per Liter (Dup) - Duplicate sample < - Below the Reporting Limit

TABLE 2
LABORATORY ANALYTICAL RESULTS - VOLATILE ORGANIC COMPOUNDS
LOWRY OU2 LANDFILL SITE
FORMER LOWRY AIR FORCE BASE
DENVER, COLORADO

Sampling Location / Well ID	Sample Date	Analytical Method	Volatile Organic Compounds (ug/L)						
			Trichlorofluoro methane	1,2,3-Tri chloropropane	Vinyl acetate	Vinyl chloride	Total xylenes	Xylenes, m and p	Xylenes, o
Surface Water									
SW-3	10/31/07	SW8260_25	<1	<1	<2	<1	<2	<1	<1
SW-3 (Dup)	10/31/07	SW8260_25	<1	<1	<2	<1	<2	<1	<1
SW-3	4/28/08	SW8260_25	<1	<1	<2	<1	<2	<1	<1
SW-3	1/21/09	SW8260_25	<1	<1	<2	<1	<2	<1	<1
SW-3 (Dup)	1/21/09	SW8260_25	<1	<1	<2	<1	<2	<1	<1
SW-3	7/29/09	SW8260_25	<1	<1	<2	<1	<2	<1	<1
SW-3 (Dup)	7/29/09	SW8260_25	<1	<1	<2	<1	<2	<1	<1
SW-3	1/27/10	SW8260_25	<1	<1	<2	<1	<2	<1	<1
SW-3	7/26/10	SW8260_25	<1	<1	<2	<1	<2	<1	<1
SW-3	1/25/11	SW8260_25	<1	<1	<2	<1	<2	<1	<1
SW-3 (Dup)	1/25/11	SW8260_25	<1	<1	<2	<1	<2	<1	<1
SW-3	7/26/11	SW8260_25	<1	<1	<2	<1	<2	<1	<1
SW-3	1/30/12	SW8260_25	<1	<1	<2	<1	<2	<1	<1
SW-3	7/25/12	SW8260_25	<1	<1	<2	<1	<2	<1	<1
SW-3	1/21/13	SW8260_25	<1	<1	<2	<1	<2	<1	<1
SW-3	7/23/13	SW8260_25	<1	<1	<2	<1	<2	<1	<1
SW-3	1/29/14	SW8260_25	<1	<1	<2	<1	<2	<1	<1
SW-3	8/5/14	SW8260_25	<1	<1	<2	<1	<2	<1	<1
SW-3	7/28/15	SW8260_25	<1	<1	<2	<1	<2	<1	<1
SW-3 (Dup)	7/28/15	SW8260_25	<1	<1	<2	<1	<2	<1	<1
SW-3	7/25/16	SW8260_25	<1	<1	<2	<1	<2	<1	<1
SW-3	7/24/18	SW8260_25	<1	<1	<2	<1	<2	<1	<1
SW-3 (Dup)	7/24/18	SW8260_25	<1	<1	<2	<1	<2	<1	<1
SW CDPHE Drinking Water or Domestic Use Standards (Jan 2018):			--	**0.00037**	--	**0.023-2**	**1,400-10,000**	--	--

Notes: CDPHE - Colorado Department of Public Health and Environment
GW - Groundwater DW - Drinking Water SW - Surface Water
(B) - Detected in Method Blank (J) - Result is an estimated value.
ug/L - micrograms per Liter (Dup) - Duplicate sample
MCLs - Maximum Contaminant Levels
Range - See Regulation 31 for details.
(R) - Result is a rejected value.
< - Below the Reporting Limit

TABLE 3
LABORATORY ANALYTICAL RESULTS - TOTAL METALS
LOWRY OU2 LANDFILL SITE
FORMER LOWRY AIR FORCE BASE
DENVER, COLORADO

Sampling Location / Well ID	Sample Date	Analytical Method	Total Metals (mg/L)																	
			Antimony	Arsenic	Barium	Beryllium	Cadmium	Calcium	Chromium	Cobalt	Copper	Lead	Magnesium	Nickel	Potassium	Selenium	Silver	Sodium	Thallium	Vanadium	Zinc
Upgradient																					
BG-5	11/13/06	SW6010	<0.02	<0.01	0.21	<0.005	<0.005	170	<0.01	0.012	<0.01	<0.003	44	0.027	8.1	<0.005	<0.01	81	<0.01	0.01	<0.02
BG-5	2/7/07	SW6010	<0.02	<0.01	0.13	<0.005	<0.005	150	<0.01	<0.01	<0.01	<0.003	36	<0.02	7.2	<0.005	<0.01	130	<0.01	<0.01	<0.02
BG-5	4/19/07	SW6010	<0.02	<0.01	0.23	<0.005	<0.005	160	<0.01	0.016	0.012	<0.003	36	0.034	5.2	<0.005	<0.01	79	<0.01	0.012	<0.02
BG-5	7/23/07	SW6010	<0.02	<0.01	0.11	<0.005	<0.005	160	<0.01	<0.01	<0.01	<0.003	39	<0.02	5.5	<0.005	<0.01	77	<0.01	<0.01	<0.02
BG-5	10/30/07	SW6010	<0.02	<0.01	0.13	<0.005	<0.005	170	<0.01	<0.01	<0.01	<0.003	39	<0.02	6.9	<0.005	<0.01	80	<0.01	<0.01	<0.02
BG-5 (Dup)	10/30/07	SW6010	<0.02	<0.01	0.25	<0.005	<0.005	160	<0.01	0.011	<0.01	<0.003	34	0.025	4.7	<0.005	<0.01	72	<0.01	<0.01	<0.02
BG-5	1/31/08	SW6010	<0.02	<0.01	0.2	<0.005	<0.005	170	<0.01	<0.01	<0.01	<0.003	42	0.023	7.8	<0.005	<0.01	88	<0.01	<0.01	<0.02
BG-5	5/1/08	SW6010	<0.02	<0.01	0.15	<0.005	<0.005	170	<0.01	<0.01	<0.01	<0.003	44	<0.02	7.6	<0.005	<0.01	82	<0.01	<0.01	<0.02
BG-5	7/28/08	SW6010	<0.02	<0.01	0.14	<0.005	<0.005	180	<0.01	<0.01	<0.01	<0.003	53	<0.02	11.0	<0.005	<0.01	97	<0.01	<0.01	<0.02
BG-5	1/21/09	SW6010	<0.02	<0.01	0.14	<0.005	<0.005	170	<0.01	<0.01	<0.01	<0.003	40	<0.02	7.2	<0.005	<0.01	89	<0.01	<0.01	<0.02
BG-5	7/28/09	SW6010	<0.02	<0.01	0.14	<0.005	<0.005	200	<0.01	<0.01	<0.01	<0.003	49	<0.02	8.2	<0.005	<0.01	89	<0.01	<0.01	<0.02
BG-5	1/27/10	SW6010	<0.02	<0.01	0.24	<0.005	<0.005	190	<0.01	0.012	<0.01	<0.003	43	0.031	6.9	<0.005	<0.01	87	<0.01	0.011	<0.02
BG-5	7/26/10	SW6010	<0.02	<0.01	0.16	<0.005	<0.005	270	<0.01	<0.01	<0.01	<0.003	53	<0.02	6.1	<0.005	<0.01	92	<0.01	<0.01	<0.02
BG-5 (Dup)	7/26/10	SW6010	<0.02	<0.01	0.16	<0.005	<0.005	250	<0.01	<0.01	<0.01	<0.003	56	<0.02	10.0	<0.005	<0.01	100	<0.01	<0.01	<0.02
BG-5	1/25/11	SW6010	<0.02	<0.01	0.19	<0.005	<0.005	220	<0.01	<0.01	<0.01	<0.003	44	<0.02	6.1	<0.005	<0.01	93	<0.01	<0.01	<0.02
BG-5	7/26/11	SW6010	<0.02	<0.01	0.13	<0.005	<0.005	200	<0.01	<0.01	<0.01	<0.003	47	<0.02	8.8	<0.005	<0.01	94	<0.01	<0.01	<0.02
BG-5	1/30/12	SW6010	<0.02	<0.01	0.2	<0.005	<0.005	210	<0.01	<0.01	<0.01	<0.003	44	<0.02	5.9	<0.005	<0.01	86	<0.01	<0.01	<0.02
BG-5	7/25/12	SW6010	<0.02	<0.01	0.14	<0.005	<0.005	250	<0.01	<0.01	<0.01	<0.003	51	<0.02	7.7	<0.005	<0.01	99	<0.01	<0.01	<0.02
BG-5 (Dup)	7/25/12	SW6010	<0.02	<0.01	0.14	<0.005	<0.005	250	<0.01	<0.01	<0.01	<0.003	50	<0.02	6.9	<0.005	<0.01	96	<0.01	<0.01	<0.02
BG-5	1/21/13	SW6010	<0.02	<0.01	0.19	<0.005	<0.005	210	<0.01	<0.01	<0.01	<0.003	40	<0.02	5.2	<0.005	<0.01	89	<0.01	<0.01	<0.02
BG-5 (Dup)	1/21/13	SW6010	<0.02	<0.01	0.17	<0.005	<0.005	200	<0.01	<0.01	<0.01	<0.003	42	<0.02	7.2	<0.005	<0.01	97	<0.01	<0.01	<0.02
BG-5	7/23/13	SW6010	<0.02	<0.01	0.17	<0.005	<0.005	180	<0.01	<0.01	<0.01	<0.003	44	<0.02	12.0	<0.005	<0.01	110	<0.01	<0.01	<0.02
BG-5	1/29/14	SW6010	<0.02	<0.01	0.2	<0.005	<0.005	170	<0.01	<0.01	<0.01	<0.003	39	<0.02	7.9	<0.005	<0.01	110	<0.01	<0.01	<0.02
BG-5	8/5/14	SW6010	<0.02	<0.01	0.2	<0.005	<0.005	250	<0.01	<0.01	<0.01	<0.003	49	0.02	8.1	<0.005	<0.01	100	<0.01	<0.01	<0.02
BG-5	7/28/15	SW6010	<0.02	<0.01	0.15	<0.005	<0.005	200	<0.01	<0.01	<0.01	<0.003	51	<0.02	17.0	<0.005	<0.01	130	<0.01	<0.01	<0.02
BG-5 (Dup)	7/28/15	SW6010	<0.02	<0.01	0.15	<0.005	<0.005	200	<0.01	<0.01	<0.01	<0.003	51	<0.02	17.0	<0.005	<0.01	130	<0.01	<0.01	<0.02
BG-5	7/25/16	SW6010	<0.02	<0.01	0.18	<0.005	<0.005	190	<0.01	<0.01	<0.01	<0.003	57	<0.02	24.0	0.0053	<0.01	110	<0.01	<0.01	<0.02
BG-5	7/24/18	SW6010	<0.02	<0.01	0.16	<0.005	<0.005	220	<0.01	<0.01	<0.01	<0.004	48	<0.02	8.7	<0.006	<0.01	100	<0.01	<0.01	<0.02
BG-6	11/13/06	SW6010	<0.02	<0.01	<0.1	<0.005	<0.005	58	<0.01	<0.01	<0.01	<0.003	9.9	<0.02	1.4	<0.005	<0.01	66	<0.01	<0.01	<0.02
BG-6	2/7/07	SW6010	<0.02	<0.01	<0.1	<0.005	<0.005	58	<0.01	<0.01	<0.01	<0.003	10	<0.02	1.5	<0.005	<0.01	67	<0.01	<0.01	<0.02
BG-6 (Dup)	2/7/07	SW6010	<0.02	<0.01	<0.1	<0.005	<0.005	58	<0.01	<0.01	<0.01	<0.003	10	<0.02	1.5	<0.005	<0.01	66	<0.01	<0.01	<0.02
BG-6	4/20/07	SW6010	<0.02	<0.01	<0.1	<0.005	<0.005	56	<0.01	<0.01	<0.01	<0.003	9.7	<0.02	1.3	<0.005	<0.01	67	<0.01	<0.01	<0.02
BG-6	7/23/07	SW6010	<0.02	<0.01	<0.1	<0.005	<0.005	57	<0.01	<0.01	<0.01	<0.003	10	<0.02	1.2	<0.005	<0.01	65	<0.01	<0.01	<0.02
BG-6	10/30/07	SW6010	<0.02	<0.01	<0.1	<0.005	<0.005	54	<0.01	<0.01	<0.01	<0.003	9.4	<0.02	1.2	<0.005	<0.01	67	<0.01	<0.01	<0.02
BG-6	1/30/08	SW6010	<0.02	<0.01	<0.1	<0.005	<0.005	57	<0.01	<0.01	<0.01	<0.003	10	<0.02	1.5	<0.005	<0.01	68	<0.01	<0.01	<0.02
BG-6	4/28/08	SW6010	<0.02	<0.01	<0.1	<0.005	<0.005	54	<0.01	<0.01	<0.01	<0.003	9.8	<0.02	1.3	<0.005	<0.01	65	<0.01	<0.01	<0.02
BG-6	7/31/08	SW6010	<0.02	<0.01	<0.1	<0.005	<0.005	55	<0.01	<0.01	<0.01	<0.003	10	<0.02	1.1	<0.005	<0.01	72	<0.01	<0.01	<0.02
BG-6	1/21/09	SW6010	<0.02	<0.01	<0.1	<0.005	<0.005	58	<0.01	<0.01	<0.01	<0.003	10	<0.02	1.5	<0.005	<0.01	74	<0.01	<0.01	<0.02
BG-6	7/28/09	SW6010	<0.02	<0.01	<0.1	<0.005	<0.005	57	<0.01	<0.01	<0.01	<0.003	9.9	<0.02	1.3	<0.005	<0.01	69	<0.01	<0.01	<0.02
BG-6	1/27/10	SW6010	<0.02	<0.01	<0.1	<0.005	<0.005	58	<0.01	<0.01	<0.01	<0.003	9.9	<0.02	<1.0	<0.005	<0.01	68	<0.01	<0.01	<0.02
BG-6	7/26/10	SW6010	<0.02	<0.01	<0.1	<0.005	<0.005	55	<0.01	<0.01	<0.01	<0.003	9.6	<0.02	<1.0	<0.005	<0.01	68	<0.01	<0.01	<0.02
BG-6	1/25/11	SW6010	<0.02	<0.01	<0.1	<0.005	<0.005	59	<0.01	<0.01	<0.01	<0.003	11	<0.02	2.1	<0.005	<0.01	73	<0.01	<0.01	<0.02
BG-6	7/26/11	SW6010	<0.02	<0.01	<0.1	<0.005	<0.005	57	<0.01	<0.01	<0.01	<0.003	9.8	<0.02	<1.0	<0.005	<0.01	70	<0.01	<0.01	<0.02

Notes: CDPHE - Colorado Department of Public Health and Environment MCLs - Maximum Contaminant Levels GW - Groundwater DW - Drinking Water SW - Surface Water Range - See Regulation 31 for details.
mg/L - milligrams per Liter (Dup) - Duplicate sample < - Below the Reporting Limit Bold - Indicates result exceeds standards. (J) - Result is an estimated value. (R) - Result is a rejected value.

TABLE 3
LABORATORY ANALYTICAL RESULTS - TOTAL METALS
LOWRY OU2 LANDFILL SITE
FORMER LOWRY AIR FORCE BASE
DENVER, COLORADO

Sampling Location / Well ID	Sample Date	Analytical Method	Total Metals (mg/L)																	
			Antimony	Arsenic	Barium	Beryllium	Cadmium	Calcium	Chromium	Cobalt	Copper	Lead	Magnesium	Nickel	Potassium	Selenium	Silver	Sodium	Thallium	Vanadium	Zinc
Upgradient																					
BG-6	1/30/12	SW6010	<0.02	<0.01	<0.1	<0.005	<0.005	56	<0.01	<0.01	<0.01	<0.003	9.9	<0.02	<1.0	<0.005	<0.01	68	<0.01	<0.01	<0.02
BG-6	7/25/12	SW6010	<0.02	<0.01	<0.1	<0.005	<0.005	61	<0.01	<0.01	<0.01	<0.003	10	<0.02	<1.0	<0.005	<0.01	76	<0.01	<0.01	<0.02
BG-6	1/21/13	SW6010	<0.02	<0.01	<0.1	<0.005	<0.005	57	<0.01	<0.01	<0.01	<0.003	9.8	<0.02	1.0	<0.005	<0.01	74	<0.01	<0.01	<0.02
BG-6	7/23/13	SW6010	<0.02	<0.01	<0.1	<0.005	<0.005	58	<0.01	<0.01	<0.01	<0.003	10	<0.02	1.1	<0.005	<0.01	81	<0.01	<0.01	<0.02
BG-6 (Dup)	7/23/13	SW6010	<0.02	<0.01	<0.1	<0.005	<0.005	58	<0.01	<0.01	<0.01	<0.003	10	<0.02	1.1	<0.005	<0.01	82	<0.01	<0.01	<0.02
BG-6	1/29/14	SW6010	<0.02	<0.01	<0.1	<0.005	<0.005	56	<0.01	<0.01	<0.01	<0.003	9.3	<0.02	1.1	<0.005	<0.01	87	<0.01	<0.01	<0.02
BG-6 (Dup)	1/29/14	SW6010	<0.02	<0.01	<0.1	<0.005	<0.005	55	<0.01	<0.01	<0.01	<0.003	9.8	<0.02	1.0	<0.005	<0.01	88	<0.01	<0.01	<0.02
BG-6	8/5/14	SW6010	<0.02	<0.01	<0.1	<0.005	<0.005	56	<0.01	<0.01	<0.01	<0.003	9.8	<0.02	1.2	<0.005	<0.01	76	<0.01	<0.01	<0.02
BG-6 (Dup)	8/5/14	SW6010	<0.02	<0.01	<0.1	<0.005	<0.005	56	<0.01	<0.01	<0.01	<0.003	9.6	<0.02	1.1	<0.005	<0.01	74	<0.01	<0.01	<0.02
BG-6	7/28/15	SW6010	<0.02	<0.01	<0.1	<0.005	<0.005	61	<0.01	<0.01	<0.01	<0.003	11	<0.02	1.5	<0.005	<0.01	80	<0.01	<0.01	<0.02
BG-6	7/25/16	SW6010	<0.02	<0.01	0.12	<0.005	<0.005	61	<0.01	<0.01	<0.01	<0.003	10	<0.02	1.4	<0.005	<0.01	75	<0.01	<0.01	<0.02
BG-6	7/24/18	SW6010	<0.02	<0.01	0.11	<0.005	<0.005	62	<0.01	<0.01	<0.01	<0.004	11	<0.02	1.2	<0.006	<0.01	77	<0.01	0.01	<0.02
LFPOC09	11/13/06	SW6010	<0.02	<0.01	<0.1	<0.005	<0.005	94	<0.01	<0.01	<0.01	<0.003	14	<0.02	1.6	<0.005	<0.01	99	<0.01	<0.01	<0.02
LFPOC09	2/8/07	SW6010	<0.02	<0.01	<0.1	<0.005	<0.005	93	<0.01	<0.01	<0.01	<0.003	14	<0.02	1.5	<0.005	<0.01	100	<0.01	<0.01	0.044
LFPOC09	4/19/07	SW6010	<0.02	<0.01	<0.1	<0.005	<0.005	88	<0.01	<0.01	<0.01	<0.003	13	<0.02	1.3	<0.005	<0.01	99	<0.01	<0.01	<0.02
LFPOC09	7/23/07	SW6010	<0.02	<0.01	<0.1	<0.005	<0.005	90	<0.01	<0.01	<0.01	<0.003	14	<0.02	1.4	<0.005	<0.01	97	<0.01	<0.01	<0.02
LFPOC09	10/31/07	SW6010	<0.02	<0.01	<0.1	<0.005	<0.005	90	<0.01	<0.01	<0.01	<0.003	14	<0.02	1.5	<0.005	<0.01	100	<0.01	<0.01	<0.02
LFPOC09	1/30/08	SW6010	<0.02	<0.01	<0.1	<0.005	<0.005	75	<0.01	<0.01	<0.01	<0.003	14	<0.02	1.9	<0.005	<0.01	100	<0.01	<0.01	<0.02
LFPOC09	4/28/08	SW6010	<0.02	<0.01	<0.1	<0.005	<0.005	87	<0.01	<0.01	<0.01	<0.003	15	<0.02	1.6	<0.005	<0.01	97	<0.01	<0.01	<0.02
LFPOC09	7/31/08	SW6010	<0.02	<0.01	<0.1	<0.005	<0.005	86	<0.01	<0.01	<0.01	<0.003	16	<0.02	1.3	<0.005	<0.01	110	<0.01	<0.01	<0.02
LFPOC09	1/21/09	SW6010	<0.02	<0.01	<0.1	<0.005	<0.005	95	<0.01	<0.01	<0.01	<0.003	17	<0.02	1.8	<0.005	<0.01	110	<0.01	<0.01	<0.02
LFPOC09	7/28/09	SW6010	<0.02	<0.01	<0.1	<0.005	<0.005	89	<0.01	<0.01	<0.01	<0.003	16	<0.02	1.7	<0.005	<0.01	100	<0.01	<0.01	<0.02
LFPOC09	1/27/10	SW6010	<0.02	<0.01	0.15	<0.005	<0.005	88	<0.01	0.012	<0.01	<0.003	15	<0.02	1.1	<0.005	<0.01	99	<0.01	0.01	<0.02
LFPOC09	7/26/10	SW6010	<0.02	<0.01	<0.1	<0.005	<0.005	89	<0.01	<0.01	<0.01	<0.003	17	<0.02	1.5	<0.005	<0.01	100	<0.01	<0.01	<0.02
LFPOC09	1/25/11	SW6010	<0.02	<0.01	<0.1	<0.005	<0.005	65	<0.01	<0.01	<0.01	<0.003	14	<0.02	1.7	<0.005	<0.01	110	<0.01	<0.01	<0.02
LFPOC09 (Dup)	1/25/11	SW6010	<0.02	<0.01	<0.1	<0.005	<0.005	66	<0.01	<0.01	<0.01	<0.003	14	<0.02	1.7	<0.005	<0.01	110	<0.01	<0.01	<0.02
LFPOC09	7/26/11	SW6010	<0.02	<0.01	<0.1	<0.005	<0.005	85	<0.01	<0.01	<0.01	<0.003	17	<0.02	1.6	<0.005	<0.01	100	<0.01	<0.01	<0.02
LFPOC09 (Dup)	7/26/11	SW6010	<0.02	<0.01	<0.1	<0.005	<0.005	86	<0.01	<0.01	<0.01	<0.003	17	<0.02	1.6	<0.005	<0.01	100	<0.01	<0.01	<0.02
LFPOC09	1/30/12	SW6010	<0.02	<0.01	<0.1	<0.005	<0.005	66	<0.01	<0.01	<0.01	<0.003	14	<0.02	1.4	<0.005	<0.01	94	<0.01	<0.01	<0.02
LFPOC09 (Dup)	1/30/12	SW6010	<0.02	<0.01	<0.1	<0.005	<0.005	66	<0.01	<0.01	<0.01	<0.003	14	<0.02	1.4	<0.005	<0.01	94	<0.01	<0.01	<0.02
LFPOC09	7/25/12	SW6010	<0.02	<0.01	<0.1	<0.005	<0.005	86	<0.01	<0.01	<0.01	<0.003	16	<0.02	1.7	<0.005	<0.01	100	<0.01	<0.01	<0.02
LFPOC09	1/21/13	SW6010	<0.02	<0.01	<0.1	<0.005	<0.005	52	<0.01	<0.01	<0.01	<0.003	13	<0.02	1.3	<0.005	<0.01	100	<0.01	<0.01	<0.02
LFPOC09	7/23/13	SW6010	<0.02	<0.01	<0.1	<0.005	<0.005	90	<0.01	<0.01	<0.01	<0.003	18	<0.02	2.1	<0.005	<0.01	110	<0.01	<0.01	<0.02
LFPOC09	1/29/14	SW6010	<0.02	<0.01	<0.1	<0.005	<0.005	74	<0.01	<0.01	<0.01	<0.003	15	<0.02	5.7	<0.005	<0.01	99	<0.01	<0.01	<0.02
LFPOC09	8/5/14	SW6010	<0.02	<0.01	<0.1	<0.005	<0.005	89	<0.01	<0.01	<0.01	<0.003	18	<0.02	2.2	<0.005	<0.01	100	<0.01	<0.01	<0.02
LFPOC09	7/28/15	SW6010	<0.02	<0.01	<0.1	<0.005	<0.005	110	<0.01	<0.01	<0.01	<0.003	24	<0.02	2.9	<0.005	<0.01	110	<0.01	<0.01	<0.02
LFPOC09	7/25/16	SW6010	<0.02	<0.01	<0.1	<0.005	<0.005	110	<0.01	<0.01	<0.01	<0.003	25	<0.02	3.0	<0.005	<0.01	110	<0.01	<0.01	<0.02
LFPOC09 (Dup)	7/25/16	SW6010	<0.02	<0.01	<0.1	<0.005	<0.005	110	<0.01	<0.01	<0.01	<0.003	25	<0.02	3.0	<0.005	<0.01	110	<0.01	<0.01	<0.02
LFPOC09	7/24/18	SW6010	<0.02	<0.01	<0.1	<0.005	<0.005	82	<0.01	<0.01	<0.01	<0.004	11	<0.02	1.2	<0.006	<0.01	100	<0.01	<0.01	<0.02
LFPOC09 (Dup)	7/24/18	SW6010	<0.02	<0.01	<0.1	<0.005	<0.005	80	<0.01	<0.01	<0.01	<0.004	11	<0.02	1.2	<0.006	<0.01	100	<0.01	<0.01	<0.02
Downgradient																					
LFPOC07	11/13/06	SW6010	<0.02	<0.01	<0.1	<0.005	<0.005	65	<0.01	<0.01	<0.01	<0.003	12	<0.02	1.9	<0.005	<0.01	110	<0.01	<0.01	<0.02

Notes: CDPHE - Colorado Department of Public Health and Environment MCLs - Maximum Contaminant Levels GW - Groundwater DW - Drinking Water SW - Surface Water Range - See Regulation 31 for details.
mg/L - milligrams per Liter (Dup) - Duplicate sample < - Below the Reporting Limit Bold - Indicates result exceeds standards. (J) - Result is an estimated value. (R) - Result is a rejected value.

TABLE 3
LABORATORY ANALYTICAL RESULTS - TOTAL METALS
LOWRY OU2 LANDFILL SITE
FORMER LOWRY AIR FORCE BASE
DENVER, COLORADO

Sampling Location / Well ID	Sample Date	Analytical Method	Total Metals (mg/L)																	
			Antimony	Arsenic	Barium	Beryllium	Cadmium	Calcium	Chromium	Cobalt	Copper	Lead	Magnesium	Nickel	Potassium	Selenium	Silver	Sodium	Thallium	Vanadium	Zinc
Downgradient																					
LFPOC07	2/8/07	SW6010	<0.02	<0.01	<0.1	<0.005	<0.005	67	<0.01	<0.01	<0.01	<0.003	12	<0.02	1.5	<0.005	<0.01	110	<0.01	<0.01	<0.02
LFPOC07	4/19/07	SW6010	<0.02	<0.01	<0.1	<0.005	<0.005	64	<0.01	<0.01	<0.01	<0.003	11	<0.02	1.4	<0.005	<0.01	110	<0.01	<0.01	<0.02
LFPOC07	7/23/07	SW6010	<0.02	<0.01	<0.1	<0.005	<0.005	65	<0.01	<0.01	<0.01	<0.003	12	<0.02	1.5	<0.005	<0.01	110	<0.01	<0.01	<0.02
LFPOC07	12/19/07	SW6010	<0.02	<0.01	<0.1	<0.005	<0.005	62	<0.01	<0.01	<0.01	<0.003	12	<0.02	1.7	<0.005	<0.01	110	<0.01	<0.01	<0.02
LFPOC07	1/30/08	SW6010	<0.02	<0.01	<0.1	<0.005	<0.005	65	<0.01	<0.01	<0.01	<0.003	12	<0.02	1.6	<0.005	<0.01	110	<0.01	<0.01	<0.02
LFPOC07	4/28/08	SW6010	<0.02	<0.01	<0.1	<0.005	<0.005	60	<0.01	<0.01	<0.01	<0.003	11	<0.02	1.4	<0.005	<0.01	100	<0.01	<0.01	<0.02
LFPOC07	7/28/08	SW6010	<0.02	<0.01	<0.1	<0.005	<0.005	59	<0.01	<0.01	<0.01	<0.003	11	<0.02	1.4	<0.005	<0.01	110	<0.01	<0.01	<0.02
LFPOC07	1/21/09	SW6010	<0.02	<0.01	<0.1	<0.005	<0.005	65	<0.01	<0.01	<0.01	<0.003	12	<0.02	1.6	<0.005	<0.01	120	<0.01	<0.01	<0.02
LFPOC07	7/28/09	SW6010	<0.02	<0.01	<0.1	<0.005	<0.005	63	<0.01	<0.01	<0.01	<0.003	11	<0.02	1.5	<0.005	<0.01	110	<0.01	<0.01	<0.02
LFPOC07 (Dup)	7/28/09	SW6010	<0.02	<0.01	<0.1	<0.005	<0.005	62	<0.01	<0.01	<0.01	<0.003	11	<0.02	1.4	<0.005	<0.01	110	<0.01	<0.01	<0.02
LFPOC07	1/27/10	SW6010	<0.02	<0.01	<0.1	<0.005	<0.005	65	<0.01	<0.01	<0.01	<0.003	11	<0.02	<1.0	<0.005	<0.01	110	<0.01	<0.01	<0.02
LFPOC07	7/26/10	SW6010	<0.02	<0.01	<0.1	<0.005	<0.005	62	<0.01	<0.01	<0.01	<0.003	11	<0.02	<1.0	<0.005	<0.01	110	<0.01	<0.01	<0.02
LFPOC07	1/25/11	SW6010	<0.02	<0.01	<0.1	<0.005	<0.005	62	<0.01	<0.01	<0.01	<0.003	11	<0.02	1.3	<0.005	<0.01	110	<0.01	<0.01	<0.02
LFPOC07	7/26/11	SW6010	<0.02	<0.01	<0.1	<0.005	<0.005	61	<0.01	<0.01	<0.01	<0.003	11	<0.02	1.1	<0.005	<0.01	110	<0.01	<0.01	<0.02
LFPOC07	1/30/12	SW6010	<0.02	<0.01	<0.1	<0.005	<0.005	61	<0.01	<0.01	<0.01	<0.003	11	<0.02	<1.0	<0.005	<0.01	100	<0.01	<0.01	<0.02
LFPOC07	7/25/12	SW6010	<0.02	<0.01	<0.1	<0.005	<0.005	63	<0.01	<0.01	<0.01	<0.003	11	<0.02	1.2	<0.005	<0.01	110	<0.01	<0.01	<0.02
LFPOC07	1/21/13	SW6010	<0.02	<0.01	<0.1	<0.005	<0.005	60	<0.01	<0.01	<0.01	<0.003	11	<0.02	1.1	<0.005	<0.01	110	<0.01	<0.01	<0.02
LFPOC07	7/23/13	SW6010	<0.02	<0.01	<0.1	<0.005	<0.005	62	<0.01	<0.01	<0.01	<0.003	11	<0.02	1.3	<0.005	<0.01	120	<0.01	<0.01	<0.02
LFPOC07	1/29/14	SW6010	<0.02	<0.01	<0.1	<0.005	<0.005	49	<0.01	<0.01	<0.01	<0.003	8.4	<0.02	1.6	<0.005	<0.01	100	<0.01	<0.01	<0.02
LFPOC07	8/5/14	SW6010	<0.02	<0.01	<0.1	<0.005	<0.005	120	<0.01	<0.01	<0.01	<0.003	29	<0.02	3.5	<0.005	<0.01	150	<0.01	<0.01	<0.02
LFPOC07	7/29/15	SW6010	<0.02	<0.01	<0.1	<0.005	<0.005	63	<0.01	<0.01	<0.01	<0.003	11	<0.02	1.6	<0.005	<0.01	120	<0.01	<0.01	<0.02
LFPOC07	7/25/16	SW6010	<0.02	<0.01	<0.1	<0.005	<0.005	64	<0.01	<0.01	<0.01	<0.003	11	<0.02	1.5	<0.005	<0.01	110	<0.01	<0.01	<0.02
LFPOC07	7/24/18	SW6010	<0.02	<0.01	<0.1	<0.005	<0.005	63	<0.01	<0.01	<0.01	<0.004	11	<0.02	1.3	<0.006	<0.01	110	<0.01	<0.01	<0.02
LFPOC08	11/13/06	SW6010	<0.02	<0.01	<0.1	<0.005	<0.005	120	<0.01	<0.01	<0.01	<0.003	18	<0.02	1.6	<0.005	<0.01	110	<0.01	<0.01	<0.02
LFPOC08	2/7/07	SW6010	<0.02	<0.01	<0.1	<0.005	<0.005	120	<0.01	<0.01	<0.01	<0.003	18	<0.02	1.4	<0.005	<0.01	110	<0.01	<0.01	<0.02
LFPOC08	4/19/07	SW6010	<0.02	<0.01	<0.1	<0.005	<0.005	120	<0.01	<0.01	<0.01	<0.003	18	<0.02	1.3	<0.005	<0.01	110	<0.01	<0.01	<0.02
LFPOC08	7/23/07	SW6010	<0.02	<0.01	<0.1	<0.005	<0.005	120	<0.01	<0.01	<0.01	<0.003	18	<0.02	1.4	<0.005	<0.01	110	<0.01	<0.01	<0.02
LFPOC08	10/30/07	SW6010	<0.02	<0.01	<0.1	<0.005	<0.005	120	<0.01	<0.01	<0.01	<0.003	18	<0.02	1.5	<0.005	<0.01	110	<0.01	<0.01	<0.02
LFPOC08	1/30/08	SW6010	<0.02	<0.01	<0.1	<0.005	<0.005	130	<0.01	<0.01	<0.01	<0.003	19	<0.02	1.5	<0.005	<0.01	110	<0.01	<0.01	<0.02
LFPOC08	4/28/08	SW6010	<0.02	<0.01	<0.1	<0.005	<0.005	120	<0.01	<0.01	<0.01	<0.003	18	<0.02	1.4	<0.005	<0.01	100	<0.01	<0.01	<0.02
LFPOC08 (Dup)	4/28/08	SW6010	<0.02	<0.01	<0.1	<0.005	<0.005	120	<0.01	<0.01	<0.01	<0.003	18	<0.02	1.4	<0.005	<0.01	100	<0.01	<0.01	<0.02
LFPOC08	7/28/08	SW6010	<0.02	<0.01	<0.1	<0.005	<0.005	110	<0.01	<0.01	<0.01	<0.003	18	<0.02	1.3	<0.005	<0.01	110	<0.01	<0.01	<0.02
LFPOC08	1/21/09	SW6010	<0.02	<0.01	<0.1	<0.005	<0.005	130	<0.01	<0.01	<0.01	<0.003	20	<0.02	1.5	<0.005	<0.01	120	<0.01	<0.01	<0.02
LFPOC08	7/28/09	SW6010	<0.02	<0.01	<0.1	<0.005	<0.005	120	<0.01	<0.01	<0.01	<0.003	17	<0.02	1.3	<0.005	<0.01	110	<0.01	<0.01	<0.02
LFPOC08	1/27/10	SW6010	<0.02	<0.01	<0.1	<0.005	<0.005	130	<0.01	<0.01	<0.01	<0.003	18	<0.02	<1.0	<0.005	<0.01	100	<0.01	<0.01	<0.02
LFPOC08	7/26/10	SW6010	<0.02	<0.01	<0.1	<0.005	<0.005	120	<0.01	<0.01	<0.01	<0.003	17	<0.02	<1.0	<0.005	<0.01	100	<0.01	<0.01	<0.02
LFPOC08	1/25/11	SW6010	<0.02	<0.01	<0.1	<0.005	<0.005	130	<0.01	<0.01	<0.01	<0.003	18	<0.02	1.2	<0.005	<0.01	110	<0.01	<0.01	<0.02
LFPOC08	7/26/11	SW6010	<0.02	<0.01	<0.1	<0.005	<0.005	120	<0.01	<0.01	<0.01	<0.003	18	<0.02	1.3	<0.005	<0.01	110	<0.01	<0.01	<0.02
LFPOC08	1/30/12	SW6010	<0.02	<0.01	<0.1	<0.005	<0.005	130	<0.01	<0.01	<0.01	<0.003	19	<0.02	<1.0	<0.005	<0.01	99	<0.01	<0.01	<0.02
LFPOC08	7/25/12	SW6010	<0.02	<0.01	<0.1	<0.005	<0.005	120	<0.01	<0.01	<0.01	<0.003	17	<0.02	1.1	<0.005	<0.01	110	<0.01	<0.01	<0.02
LFPOC08	1/21/13	SW6010	<0.02	<0.01	<0.1	<0.005	<0.005	130	<0.01	<0.01	<0.01	<0.003	19	<0.02	<1.0	<0.005	<0.01	110	<0.01	<0.01	<0.02
LFPOC08	7/23/13	SW6010	<0.02	<0.01	<0.1	<0.005	<0.005	120	<0.01	<0.01	<0.01	<0.003	18	<0.02	1.2	<0.005	<0.01	120	<0.01	<0.01	<0.02
LFPOC08	1/29/14	SW6010	<0.02	<0.01	<0.1	<0.005	<0.005	140	<0.01	<0.01	<0.01	<0.003	21	<0.02	1.2	<0.005	<0.01	130	<0.01	<0.01	<0.02

Notes: CDPHE - Colorado Department of Public Health and Environment MCLs - Maximum Contaminant Levels GW - Groundwater DW - Drinking Water SW - Surface Water Range - See Regulation 31 for details.
mg/L - milligrams per Liter (Dup) - Duplicate sample < - Below the Reporting Limit Bold - Indicates result exceeds standards. (J) - Result is an estimated value. (R) - Result is a rejected value.

TABLE 3
LABORATORY ANALYTICAL RESULTS - TOTAL METALS
LOWRY OU2 LANDFILL SITE
FORMER LOWRY AIR FORCE BASE
DENVER, COLORADO

Sampling Location / Well ID	Sample Date	Analytical Method	Total Metals (mg/L)																	
			Antimony	Arsenic	Barium	Beryllium	Cadmium	Calcium	Chromium	Cobalt	Copper	Lead	Magnesium	Nickel	Potassium	Selenium	Silver	Sodium	Thallium	Vanadium	Zinc
Downgradient																					
LFPOC08	8/5/14	SW6010	<0.02	<0.01	<0.1	<0.005	<0.005	140	<0.01	<0.01	<0.01	<0.003	21	<0.02	1.4	<0.005	<0.01	110	<0.01	<0.01	<0.02
LFPOC08	7/28/15	SW6010	<0.02	<0.01	<0.1	<0.005	<0.005	140	<0.01	<0.01	<0.01	<0.003	21	<0.02	1.5	<0.005	<0.01	120	<0.01	<0.01	<0.02
LFPOC08	7/25/16	SW6010	<0.02	<0.01	<0.1	<0.005	<0.005	140	<0.01	<0.01	<0.01	<0.003	19	<0.02	1.4	<0.005	<0.01	110	<0.01	<0.01	<0.02
LFPOC08	7/24/18	SW6010	<0.02	<0.01	<0.1	<0.005	<0.005	120	<0.01	<0.01	<0.01	<0.004	18	<0.02	1.2	<0.006	<0.01	110	<0.01	<0.01	<0.02
LFPOC10	11/13/06	SW6010	<0.02	<0.01	<0.1	<0.005	<0.005	98	<0.01	<0.01	<0.01	<0.003	15	<0.02	1.5	<0.005	<0.01	99	<0.01	<0.01	<0.02
LFPOC10	2/7/07	SW6010	<0.02	<0.01	<0.1	<0.005	<0.005	100	<0.01	<0.01	<0.01	<0.003	16	<0.02	1.3	<0.005	<0.01	100	<0.01	<0.01	<0.02
LFPOC10	4/19/07	SW6010	<0.02	<0.01	<0.1	<0.005	<0.005	100	<0.01	<0.01	<0.01	<0.003	16	<0.02	1.3	<0.005	<0.01	99	<0.01	<0.01	<0.02
LFPOC10	7/23/07	SW6010	<0.02	<0.01	<0.1	<0.005	<0.005	100	<0.01	<0.01	<0.01	<0.003	17	<0.02	1.3	<0.005	<0.01	98	<0.01	<0.01	<0.02
LFPOC10	10/30/07	SW6010	<0.02	<0.01	<0.1	<0.005	<0.005	99	<0.01	<0.01	<0.01	<0.003	15	<0.02	1.3	<0.005	<0.01	98	<0.01	<0.01	<0.02
LFPOC10	1/30/08	SW6010	<0.02	<0.01	<0.1	<0.005	<0.005	100	<0.01	<0.01	<0.01	<0.003	16	<0.02	1.3	<0.005	<0.01	97	<0.01	<0.01	<0.02
LFPOC10 (Dup)	1/30/08	SW6010	<0.02	<0.01	<0.1	<0.005	<0.005	100	<0.01	<0.01	<0.01	<0.003	16	<0.02	1.3	<0.005	<0.01	98	<0.01	<0.01	<0.02
LFPOC10	5/1/08	SW6010	<0.02	<0.01	<0.1	<0.005	<0.005	97	<0.01	<0.01	<0.01	<0.003	16	<0.02	1.3	<0.005	<0.01	92	<0.01	<0.01	<0.02
LFPOC10	7/31/08	SW6010	<0.02	<0.01	<0.1	<0.005	<0.005	100	<0.01	<0.01	<0.01	<0.003	18	<0.02	1.1	<0.005	<0.01	100	<0.01	<0.01	<0.02
LFPOC10	1/21/09	SW6010	<0.02	<0.01	<0.1	<0.005	<0.005	110	<0.01	<0.01	<0.01	<0.003	17	<0.02	1.3	<0.005	<0.01	110	<0.01	<0.01	<0.02
LFPOC10	7/28/09	SW6010	<0.02	<0.01	<0.1	<0.005	<0.005	110	<0.01	<0.01	<0.01	<0.003	17	<0.02	1.2	<0.005	<0.01	96	<0.01	<0.01	<0.02
LFPOC10	1/27/10	SW6010	<0.02	<0.01	<0.1	<0.005	<0.005	110	<0.01	<0.01	<0.01	<0.003	17	<0.02	<1.0	<0.005	<0.01	92	<0.01	<0.01	<0.02
LFPOC10 (Dup)	1/27/10	SW6010	<0.02	<0.01	<0.1	<0.005	<0.005	120	<0.01	<0.01	<0.01	<0.003	18	<0.02	<1.0	<0.005	<0.01	92	<0.01	<0.01	<0.02
LFPOC10	7/26/10	SW6010	<0.02	<0.01	<0.1	<0.005	<0.005	120	<0.01	<0.01	<0.01	<0.003	18	<0.02	<1.0	<0.005	<0.01	92	<0.01	<0.01	<0.02
LFPOC10	1/25/11	SW6010	<0.02	<0.01	<0.1	<0.005	<0.005	110	<0.01	<0.01	<0.01	<0.003	17	<0.02	1.2	<0.005	<0.01	99	<0.01	<0.01	<0.02
LFPOC10	7/26/11	SW6010	<0.02	<0.01	<0.1	<0.005	<0.005	120	<0.01	<0.01	<0.01	<0.003	19	<0.02	<1.0	<0.005	<0.01	95	<0.01	<0.01	<0.02
LFPOC10	1/30/12	SW6010	<0.02	<0.01	<0.1	<0.005	<0.005	110	<0.01	<0.01	<0.01	<0.003	18	<0.02	<1.0	<0.005	<0.01	86	<0.01	<0.01	<0.02
LFPOC10	7/25/12	SW6010	<0.02	<0.01	<0.1	<0.005	<0.005	120	<0.01	<0.01	<0.01	<0.003	19	<0.02	<1.0	<0.005	<0.01	95	<0.01	<0.01	<0.02
LFPOC10	1/21/13	SW6010	<0.02	<0.01	<0.1	<0.005	<0.005	110	<0.01	<0.01	<0.01	<0.003	18	<0.02	<1.0	<0.005	<0.01	92	<0.01	<0.01	<0.02
LFPOC10	7/23/13	SW6010	<0.02	<0.01	<0.1	<0.005	<0.005	120	<0.01	<0.01	0.01	<0.003	20	<0.02	1.2	<0.005	<0.01	100	<0.01	<0.01	<0.02
LFPOC10	1/29/14	SW6010	<0.02	<0.01	<0.1	<0.005	<0.005	100	<0.01	<0.01	<0.01	<0.003	16	<0.02	<1.0	<0.005	<0.01	100	<0.01	<0.01	<0.02
LFPOC10	8/5/14	SW6010	<0.02	<0.01	<0.1	<0.005	<0.005	110	<0.01	<0.01	<0.01	<0.003	17	<0.02	1.2	<0.005	<0.01	93	<0.01	<0.01	<0.02
LFPOC10	7/28/15	SW6010	<0.02	<0.01	<0.1	<0.005	<0.005	120	<0.01	<0.01	<0.01	<0.003	19	<0.02	1.4	<0.005	<0.01	96	<0.01	<0.01	<0.02
LFPOC10	7/25/16	SW6010	<0.02	<0.01	0.12	<0.005	<0.005	61	<0.01	<0.01	<0.01	<0.003	10	<0.02	1.4	<0.005	<0.01	76	<0.01	<0.01	<0.02
LFPOC10	7/24/18	SW6010	<0.02	<0.01	<0.1	<0.005	<0.005	130	<0.01	<0.01	<0.01	<0.004	21	<0.02	1.1	<0.006	<0.01	89	<0.01	<0.01	<0.02
LFPOC11	11/13/06	SW6010	<0.02	<0.01	<0.1	<0.005	<0.005	120	<0.01	<0.01	<0.01	<0.003	25	<0.02	3.9	<0.005	<0.01	140	<0.01	<0.01	<0.02
LFPOC11	2/7/07	SW6010	<0.02	<0.01	<0.1	<0.005	<0.005	120	<0.01	<0.01	<0.01	<0.003	25	<0.02	3.4	<0.005	<0.01	140	<0.01	<0.01	<0.02
LFPOC11	4/19/07	SW6010	<0.02	<0.01	<0.1	<0.005	<0.005	120	<0.01	<0.01	<0.01	<0.003	26	<0.02	3.4	<0.005	<0.01	140	<0.01	<0.01	<0.02
LFPOC11	7/23/07	SW6010	<0.02	<0.01	<0.1	<0.005	<0.005	120	<0.01	<0.01	<0.01	<0.003	27	<0.02	3.4	<0.005	<0.01	140	<0.01	<0.01	<0.02
LFPOC11	10/30/07	SW6010	<0.02	<0.01	<0.1	<0.005	<0.005	120	<0.01	<0.01	<0.01	<0.003	24	<0.02	3.6	<0.005	<0.01	140	<0.01	<0.01	<0.02
LFPOC11	1/30/08	SW6010	<0.02	<0.01	<0.1	<0.005	<0.005	120	<0.01	<0.01	<0.01	<0.003	26	<0.02	3.6	<0.005	<0.01	140	**0.013**	<0.01	<0.02
LFPOC11	4/28/08	SW6010	<0.02	<0.01	<0.1	<0.005	<0.005	110	<0.01	<0.01	<0.01	<0.003	25	<0.02	3.4	<0.005	<0.01	130	<0.01	<0.01	<0.02
LFPOC11	7/28/08	SW6010	<0.02	<0.01	<0.1	<0.005	<0.005	120	<0.01	<0.01	<0.01	<0.003	26	<0.02	3.4	<0.005	<0.01	140	<0.01	<0.01	<0.02
LFPOC11 (Dup)	7/31/08	SW6010	<0.02	<0.01	<0.1	<0.005	<0.005	120	<0.01	<0.01	<0.01	<0.003	27	<0.02	3.3	<0.005	<0.01	140	<0.01	<0.01	<0.02
LFPOC11	1/21/09	SW6010	<0.02	<0.01	<0.1	<0.005	<0.005	120	<0.01	<0.01	<0.01	<0.003	26	<0.02	3.6	<0.005	<0.01	150	<0.01	<0.01	<0.02
LFPOC11 (Dup)	1/21/09	SW6010	<0.02	<0.01	<0.1	<0.005	<0.005	130	<0.01	<0.01	<0.01	<0.003	27	<0.02	3.7	<0.005	<0.01	150	<0.01	<0.01	<0.02
LFPOC11	7/28/09	SW6010	<0.02	<0.01	<0.1	<0.005	<0.005	130	<0.01	<0.01	<0.01	<0.003	27	<0.02	3.5	<0.005	<0.01	140	<0.01	<0.01	<0.02
LFPOC11	1/27/10	SW6010	<0.02	<0.01	<0.1	<0.005	<0.005	130	<0.01	<0.01	<0.01	<0.003	26	<0.02	2.9	<0.005	<0.01	130	<0.01	<0.01	<0.02
LFPOC11	7/26/10	SW6010	<0.02	<0.01	<0.1	<0.005	<0.005	130	<0.01	<0.01	<0.01	<0.003	26	<0.02	3.0	<0.005	<0.01	140	<0.01	<0.01	<0.02

Notes: CDPHE - Colorado Department of Public Health and Environment MCLs - Maximum Contaminant Levels GW - Groundwater DW - Drinking Water SW - Surface Water Range - See Regulation 31 for details.
mg/L - milligrams per Liter (Dup) - Duplicate sample < - Below the Reporting Limit Bold - Indicates result exceeds standards. (J) - Result is an estimated value. (R) - Result is a rejected value.

TABLE 3
LABORATORY ANALYTICAL RESULTS - TOTAL METALS
LOWRY OU2 LANDFILL SITE
FORMER LOWRY AIR FORCE BASE
DENVER, COLORADO

Sampling Location / Well ID	Sample Date	Analytical Method	Total Metals (mg/L)																	
			Antimony	Arsenic	Barium	Beryllium	Cadmium	Calcium	Chromium	Cobalt	Copper	Lead	Magnesium	Nickel	Potassium	Selenium	Silver	Sodium	Thallium	Vanadium	Zinc
Downgradient																					
LFPOC11	1/25/11	SW6010	<0.02	<0.01	<0.1	<0.005	<0.005	130	<0.01	<0.01	<0.01	<0.003	26	<0.02	3.4	<0.005	<0.01	140	<0.01	<0.01	<0.02
LFPOC11	7/26/11	SW6010	<0.02	<0.01	<0.1	<0.005	<0.005	130	<0.01	<0.01	<0.01	<0.003	27	<0.02	3.1	<0.005	<0.01	130	<0.01	<0.01	<0.02
LFPOC11	1/30/12	SW6010	<0.02	<0.01	<0.1	<0.005	<0.005	130	<0.01	<0.01	<0.01	<0.003	27	<0.02	2.9	<0.005	<0.01	120	<0.01	<0.01	<0.02
LFPOC11	7/25/12	SW6010	<0.02	<0.01	<0.1	<0.005	<0.005	140	<0.01	<0.01	<0.01	<0.003	27	<0.02	3.1	<0.005	<0.01	140	<0.01	<0.01	<0.02
LFPOC11	1/21/13	SW6010	<0.02	<0.01	<0.1	<0.005	<0.005	130	<0.01	<0.01	<0.01	<0.003	27	<0.02	3.0	<0.005	<0.01	140	<0.01	<0.01	<0.02
LFPOC11	7/23/13	SW6010	<0.02	<0.01	<0.1	<0.005	<0.005	140	<0.01	<0.01	<0.01	<0.003	27	<0.02	3.4	<0.005	<0.01	150	<0.01	<0.01	<0.02
LFPOC11	1/29/14	SW6010	<0.02	<0.01	<0.1	<0.005	<0.005	140	<0.01	<0.01	<0.01	<0.003	28	<0.02	2.8	0.0059	<0.01	150	<0.01	<0.01	<0.02
LFPOC11	8/5/14	SW6010	<0.02	<0.01	0.13	<0.005	<0.005	170	<0.01	<0.01	<0.01	<0.003	31	<0.02	4.7	0.0057	<0.01	140	<0.01	0.013	<0.02
LFPOC11	7/28/15	SW6010	<0.02	<0.01	<0.1	<0.005	<0.005	160	<0.01	<0.01	<0.01	<0.003	30	<0.02	3.9	<0.005	<0.01	150	<0.01	<0.01	<0.02
LFPOC11	7/25/16	SW6010	<0.02	<0.01	<0.1	<0.005	<0.005	130	<0.01	<0.01	<0.01	<0.003	19	<0.02	1.3	<0.005	<0.01	88	<0.01	<0.01	<0.02
LFPOC11	7/24/18	SW6010	<0.02	<0.01	<0.1	<0.005	<0.005	150	<0.01	<0.01	<0.01	<0.004	28	<0.02	3.4	<0.006	<0.01	130	<0.01	<0.01	<0.02
LFPOC12	11/13/06	SW6010	<0.02	<0.01	<0.1	<0.005	<0.005	100	<0.01	<0.01	<0.01	<0.003	27	<0.02	4.0	<0.005	<0.01	170	<0.01	<0.01	<0.02
LFPOC12	2/8/07	SW6010	<0.02	<0.01	<0.1	<0.005	<0.005	100	<0.01	<0.01	<0.01	<0.003	27	<0.02	3.6	<0.005	<0.01	160	<0.01	<0.01	0.027
LFPOC12	4/19/07	SW6010	<0.02	<0.01	<0.1	<0.005	<0.005	98	<0.01	<0.01	<0.01	<0.003	26	<0.02	3.4	<0.005	<0.01	160	<0.01	<0.01	<0.02
LFPOC12 (Dup)	4/19/07	SW6010	<0.02	<0.01	<0.1	<0.005	<0.005	99	<0.01	<0.01	<0.01	<0.003	26	<0.02	3.4	<0.005	<0.01	160	<0.01	<0.01	<0.02
LFPOC12	7/23/07	SW6010	<0.02	<0.01	<0.1	<0.005	<0.005	97	<0.01	<0.01	<0.01	<0.003	28	<0.02	3.4	<0.005	<0.01	150	<0.01	<0.01	<0.02
LFPOC12 (Dup)	7/23/07	SW6010	<0.02	<0.01	<0.1	<0.005	<0.005	97	<0.01	<0.01	<0.01	<0.003	27	<0.02	3.3	<0.005	<0.01	150	<0.01	<0.01	<0.02
LFPOC12	10/30/07	SW6010	<0.02	<0.01	<0.1	<0.005	<0.005	96	<0.01	<0.01	<0.01	<0.003	26	<0.02	3.5	<0.005	<0.01	160	<0.01	<0.01	<0.02
LFPOC12	1/31/08	SW6010	<0.02	<0.01	<0.1	<0.005	<0.005	99	<0.01	<0.01	<0.01	<0.003	27	<0.02	3.6	<0.005	<0.01	150	<0.01	<0.01	<0.02
LFPOC12	4/28/08	SW6010	<0.02	<0.01	<0.1	<0.005	<0.005	91	<0.01	<0.01	<0.01	<0.003	26	<0.02	3.6	<0.005	<0.01	150	<0.01	<0.01	<0.02
LFPOC12	7/31/08	SW6010	<0.02	<0.01	<0.1	<0.005	<0.005	98	<0.01	<0.01	<0.01	<0.003	29	<0.02	3.7	<0.005	<0.01	160	<0.01	<0.01	<0.02
LFPOC12	1/21/09	SW6010	<0.02	<0.01	<0.1	<0.005	<0.005	110	<0.01	<0.01	<0.01	<0.003	28	<0.02	3.8	<0.005	<0.01	170	<0.01	<0.01	<0.02
LFPOC12	7/28/09	SW6010	<0.02	<0.01	<0.1	<0.005	<0.005	97	<0.01	<0.01	<0.01	<0.003	26	<0.02	3.2	<0.005	<0.01	150	<0.01	<0.01	<0.02
LFPOC12	1/27/10	SW6010	<0.02	<0.01	<0.1	<0.005	<0.005	110	<0.01	<0.01	<0.01	<0.003	28	<0.02	3.0	<0.005	<0.01	150	<0.01	<0.01	<0.02
LFPOC12	7/26/10	SW6010	<0.02	<0.01	<0.1	<0.005	<0.005	100	<0.01	<0.01	<0.01	<0.003	27	<0.02	2.9	<0.005	<0.01	150	<0.01	<0.01	<0.02
LFPOC12	1/25/11	SW6010	<0.02	<0.01	<0.1	<0.005	<0.005	100	<0.01	<0.01	<0.01	<0.003	28	<0.02	3.2	<0.005	<0.01	150	<0.01	<0.01	<0.02
LFPOC12	7/26/11	SW6010	<0.02	<0.01	<0.1	<0.005	<0.005	110	<0.01	<0.01	<0.01	<0.003	29	<0.02	3.1	<0.005	<0.01	140	<0.01	<0.01	<0.02
LFPOC12	1/30/12	SW6010	<0.02	<0.01	<0.1	<0.005	<0.005	100	<0.01	<0.01	<0.01	<0.003	28	<0.02	2.8	<0.005	<0.01	130	<0.01	<0.01	<0.02
LFPOC12	7/25/12	SW6010	<0.02	<0.01	<0.1	<0.005	<0.005	110	<0.01	<0.01	<0.01	<0.003	28	<0.02	3.0	<0.005	<0.01	150	<0.01	<0.01	<0.02
LFPOC12	1/21/13	SW6010	<0.02	<0.01	<0.1	<0.005	<0.005	110	<0.01	<0.01	<0.01	<0.003	27	<0.02	2.8	<0.005	<0.01	140	<0.01	<0.01	<0.02
LFPOC12	7/23/13	SW6010	<0.02	<0.01	<0.1	<0.005	<0.005	110	<0.01	<0.01	<0.01	<0.003	29	<0.02	3.4	<0.005	<0.01	130	<0.01	<0.01	<0.02
LFPOC12	1/29/14	SW6010	<0.02	<0.01	<0.1	<0.005	<0.005	130	<0.01	<0.01	<0.01	<0.003	32	<0.02	2.9	<0.005	<0.01	180	<0.01	<0.01	<0.02
LFPOC12	8/5/14	SW6010	<0.02	<0.01	0.31	<0.005	<0.005	120	<0.01	<0.01	0.013	0.004	32	<0.02	6.6	<0.005	<0.01	140	<0.01	0.034	0.032
LFPOC12	7/28/15	SW6010	<0.02	<0.01	0.11	<0.005	<0.005	120	<0.01	<0.01	<0.01	<0.003	29	<0.02	5.0	<0.005	<0.01	160	<0.01	0.016	<0.02
LFPOC12	7/26/16	SW6010	<0.02	<0.01	<0.1	<0.005	<0.005	120	<0.01	<0.01	<0.01	<0.003	29	<0.02	3.5	<0.005	<0.01	140	<0.01	<0.01	<0.02
LFPOC12	7/24/18	SW6010	<0.02	<0.01	<0.1	<0.005	<0.005	130	<0.01	<0.01	<0.01	<0.004	28	<0.02	3.4	<0.006	<0.01	140	<0.01	<0.01	<0.02
LFPOC13	11/13/06	SW6010	<0.02	<0.01	0.15	<0.005	<0.005	120	0.01	<0.01	<0.01	0.0085	22	<0.02	5.2	<0.005	<0.01	100	<0.01	0.027	0.033
LFPOC13	2/7/07	SW6010	<0.02	<0.01	<0.1	<0.005	<0.005	100	<0.01	<0.01	<0.01	<0.003	18	<0.02	2.5	<0.005	<0.01	110	<0.01	<0.01	<0.02
LFPOC13	4/20/07	SW6010	<0.02	<0.01	<0.1	<0.005	<0.005	110	<0.01	<0.01	<0.01	<0.003	19	<0.02	2.3	<0.005	<0.01	95	<0.01	<0.01	<0.02
LFPOC13	9/27/07	SW6010	<0.02	<0.01	<0.1	<0.005	<0.005	120	<0.01	<0.01	<0.01	<0.003	19	<0.02	2.6	<0.005	<0.01	95	<0.01	<0.01	<0.02
LFPOC13	10/31/07	SW6010	<0.02	<0.01	<0.1	<0.005	<0.005	120	<0.01	<0.01	<0.01	<0.003	19	<0.02	2.2	<0.005	<0.01	94	<0.01	<0.01	<0.02
LFPOC13	1/31/08	SW6010	<0.02	<0.01	<0.1	<0.005	<0.005	100	<0.01	<0.01	<0.01	<0.003	18	<0.02	2.1	<0.005	<0.01	110	<0.01	<0.01	<0.02
LFPOC13	4/28/08	SW6010	<0.02	<0.01	<0.1	<0.005	<0.005	88	<0.01	<0.01	<0.01	<0.003	18	<0.02	2.0	<0.005	<0.01	100	<0.01	<0.01	<0.02

Notes: CDPHE - Colorado Department of Public Health and Environment MCLs - Maximum Contaminant Levels GW - Groundwater DW - Drinking Water SW - Surface Water Range - See Regulation 31 for details.
mg/L - milligrams per Liter (Dup) - Duplicate sample < - Below the Reporting Limit Bold - Indicates result exceeds standards. (J) - Result is an estimated value. (R) - Result is a rejected value.

TABLE 3
LABORATORY ANALYTICAL RESULTS - TOTAL METALS
LOWRY OU2 LANDFILL SITE
FORMER LOWRY AIR FORCE BASE
DENVER, COLORADO

Sampling Location / Well ID	Sample Date	Analytical Method	Total Metals (mg/L)																	
			Antimony	Arsenic	Barium	Beryllium	Cadmium	Calcium	Chromium	Cobalt	Copper	Lead	Magnesium	Nickel	Potassium	Selenium	Silver	Sodium	Thallium	Vanadium	Zinc
Downgradient																					
LFPOC13	7/31/08	SW6010	<0.02	<0.01	0.12	<0.005	<0.005	120	<0.01	<0.01	<0.01	0.0051	25	<0.02	3.8	<0.005	<0.01	110	<0.01	0.018	<0.02
LZ-13	11/13/06	SW6010	<0.02	<0.01	<0.1	<0.005	<0.005	66	<0.01	<0.01	<0.01	<0.003	21	<0.02	2.2	<0.005	<0.01	100	<0.01	<0.01	<0.02
LZ-13	2/8/07	SW6010	<0.02	<0.01	<0.1	<0.005	<0.005	67	<0.01	<0.01	<0.01	<0.003	22	<0.02	1.8	<0.005	<0.01	100	<0.01	<0.01	0.063
LZ-13	4/19/07	SW6010	<0.02	<0.01	<0.1	<0.005	<0.005	93	<0.01	<0.01	<0.01	<0.003	32	<0.02	2.3	<0.005	<0.01	120	<0.01	<0.01	<0.02
LZ-13	7/23/07	SW6010	<0.02	<0.01	<0.1	<0.005	<0.005	88	<0.01	<0.01	<0.01	<0.003	29	<0.02	2.7	<0.005	<0.01	120	<0.01	<0.01	<0.02
LZ-13	10/30/07	SW6010	<0.02	<0.01	<0.1	<0.005	<0.005	90	<0.01	<0.01	<0.01	<0.003	29	<0.02	2.5	0.006	<0.01	120	<0.01	<0.01	<0.02
LZ-13	1/30/08	SW6010	<0.02	<0.01	<0.1	<0.005	<0.005	86	<0.01	<0.01	<0.01	<0.003	29	<0.02	2.1	<0.005	<0.01	110	<0.01	<0.01	<0.02
LZ-13	4/28/08	SW6010	<0.02	<0.01	<0.1	<0.005	<0.005	80	<0.01	<0.01	<0.01	<0.003	28	<0.02	2.2	<0.005	<0.01	110	<0.01	<0.01	<0.02
LZ-13	7/31/08	SW6010	<0.02	<0.01	<0.1	<0.005	<0.005	85	<0.01	<0.01	<0.01	<0.003	29	<0.02	2.5	<0.005	<0.01	120	<0.01	<0.01	<0.02
LZ-13	1/21/09	SW6010	<0.02	<0.01	<0.1	<0.005	<0.005	73	<0.01	<0.01	<0.01	<0.003	25	<0.02	1.9	<0.005	<0.01	110	<0.01	<0.01	<0.02
LZ-13	7/28/09	SW6010	<0.02	<0.01	<0.1	<0.005	<0.005	68	<0.01	<0.01	<0.01	<0.003	22	<0.02	2.3	<0.005	<0.01	100	<0.01	<0.01	<0.02
LZ-13	1/27/10	SW6010	<0.02	<0.01	<0.1	<0.005	<0.005	72	<0.01	<0.01	<0.01	<0.003	23	<0.02	1.2	<0.005	<0.01	98	<0.01	<0.01	<0.02
LZ-13	7/26/10	SW6010	<0.02	<0.01	<0.1	<0.005	<0.005	78	<0.01	<0.01	<0.01	<0.003	25	<0.02	2.0	<0.005	<0.01	110	<0.01	<0.01	<0.02
LZ-13	1/25/11	SW6010	<0.02	<0.01	<0.1	<0.005	<0.005	83	<0.01	<0.01	<0.01	<0.003	26	<0.02	1.8	<0.005	<0.01	110	<0.01	<0.01	<0.02
LZ-13	7/26/11	SW6010	<0.02	<0.01	<0.1	<0.005	<0.005	81	<0.01	<0.01	<0.01	<0.003	27	<0.02	2.2	<0.005	<0.01	110	<0.01	<0.01	<0.02
LZ-13	1/30/12	SW6010	<0.02	<0.01	<0.1	<0.005	<0.005	75	<0.01	<0.01	<0.01	<0.003	25	<0.02	1.3	<0.005	<0.01	95	<0.01	<0.01	<0.02
LZ-13	7/25/12	SW6010	<0.02	<0.01	<0.1	<0.005	<0.005	79	<0.01	<0.01	<0.01	<0.003	24	<0.02	2.2	<0.005	<0.01	110	<0.01	<0.01	<0.02
LZ-13	1/21/13	SW6010	<0.02	<0.01	<0.1	<0.005	<0.005	72	<0.01	<0.01	<0.01	<0.003	24	<0.02	1.4	<0.005	<0.01	100	<0.01	<0.01	<0.02
LZ-13	7/23/13	SW6010	<0.02	<0.01	<0.1	<0.005	<0.005	73	<0.01	<0.01	<0.01	<0.003	23	<0.02	2.3	<0.005	<0.01	110	<0.01	<0.01	<0.02
LZ-13	1/29/14	SW6010	<0.02	<0.01	<0.1	<0.005	<0.005	84	<0.01	<0.01	<0.01	<0.003	28	<0.02	1.7	<0.005	<0.01	140	<0.01	<0.01	<0.02
LZ-13	8/5/14	SW6010	<0.02	<0.01	<0.1	<0.005	<0.005	110	<0.01	<0.01	<0.01	<0.003	29	<0.02	4.1	<0.005	<0.01	140	<0.01	<0.01	<0.02
LZ-13	7/29/15	SW6010	<0.02	<0.01	<0.1	<0.005	<0.005	89	<0.01	<0.01	<0.01	<0.003	29	<0.02	2.9	<0.005	<0.01	130	<0.01	<0.01	<0.02
LZ-13	7/25/16	SW6010	<0.02	<0.01	<0.1	<0.005	<0.005	87	<0.01	<0.01	<0.01	<0.003	28	<0.02	2.7	<0.005	<0.01	110	<0.01	<0.01	<0.02
LZ-13	7/24/18	SW6010	<0.02	<0.01	<0.1	<0.005	<0.005	74	<0.01	<0.01	<0.01	<0.004	23	<0.02	2.3	<0.006	<0.01	100	<0.01	<0.01	<0.02
GW CDPHE Standards (Dec 2016):			**0.006**	**0.010**	**2**	**0.004**	**0.005**	**--**	**0.1**	**--**	**--**	**0.05**	**--**	**0.1**	**--**	**0.05**	**0.05**	**--**	**0.002**	**--**	**--**
Federal DW Standards (MCLs):			**0.006**	**0.010**	**2**	**0.004**	**0.005**	**--**	**0.1**	**--**	**1.3**	**0.015**	**--**	**--**	**--**	**0.05**	**--**	**--**	**0.002**	**--**	**--**
Federal Secondary DW Standards:			**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**1.0**	**--**	**--**	**--**	**--**	**--**	**0.10**	**--**	**--**	**--**	**5**
Surface Water																					
SW-1	11/21/06	SW6010	<0.02	<0.01	0.14	<0.005	<0.005	110	<0.01	<0.01	<0.01	<0.003	25	<0.02	3.6	<0.005	<0.01	61	<0.01	<0.01	<0.02
SW-1	2/8/07	SW6010	<0.02	<0.01	0.11	<0.005	<0.005	75	<0.01	<0.01	<0.01	0.0045	19	<0.02	6.6	<0.005	<0.01	130	<0.01	<0.01	0.083
SW-1 (Dup)	2/8/07	SW6010	<0.02	<0.01	0.1	<0.005	<0.005	73	<0.01	<0.01	0.01	0.0064	19	<0.02	6.8	<0.005	<0.01	130	<0.01	<0.01	0.08
SW-1	4/20/07	SW6010	<0.02	<0.01	0.12	<0.005	<0.005	98	<0.01	<0.01	<0.01	<0.003	30	<0.02	4.0	<0.005	<0.01	71	<0.01	<0.01	<0.02
SW-1 (Dup)	4/20/07	SW6010	<0.02	<0.01	0.12	<0.005	<0.005	99	<0.01	<0.01	<0.01	<0.003	30	<0.02	4.0	<0.005	<0.01	71	<0.01	<0.01	<0.02
SW-1	7/24/07	SW6010	<0.02	<0.01	0.14	<0.005	<0.005	110	<0.01	<0.01	<0.01	<0.003	26	<0.02	3.9	<0.005	<0.01	67	<0.01	<0.01	<0.02
SW-1 (Dup)	7/24/07	SW6010	<0.02	<0.01	0.14	<0.005	<0.005	110	<0.01	<0.01	<0.01	<0.003	26	<0.02	3.9	<0.005	<0.01	66	<0.01	<0.01	<0.02
SW-1	10/31/07	SW6010	<0.02	<0.01	0.14	<0.005	<0.005	110	<0.01	<0.01	<0.01	<0.003	25	<0.02	3.6	<0.005	<0.01	70	<0.01	<0.01	<0.02
SW-1	4/28/08	SW6010	<0.02	<0.01	0.15	<0.005	<0.005	110	<0.01	<0.01	<0.01	<0.003	29	<0.02	3.4	<0.005	<0.01	74	<0.01	<0.01	<0.02
SW-1	1/21/09	SW6010	<0.02	<0.01	0.15	<0.005	<0.005	75	<0.01	<0.01	0.027	0.012	21	<0.02	9.0	<0.005	<0.01	200	<0.01	0.014	0.14
SW-1	7/29/09	SW6010	<0.02	<0.01	0.13	<0.005	<0.005	100	<0.01	<0.01	<0.01	<0.003	24	<0.02	3.9	<0.005	<0.01	66	<0.01	<0.01	<0.02
SW-1	1/27/10	SW6010	<0.02	<0.01	0.15	<0.005	<0.005	110	<0.01	<0.01	<0.01	<0.003	28	<0.02	2.7	<0.005	<0.01	77	<0.01	<0.01	<0.02
SW-1 (Dup)	1/27/10	SW6010	<0.02	<0.01	0.15	<0.005	<0.005	120	<0.01	<0.01	<0.01	<0.003	28	<0.02	2.7	<0.005	<0.01	78	<0.01	<0.01	<0.02

Notes: CDPHE - Colorado Department of Public Health and Environment MCLs - Maximum Contaminant Levels GW - Groundwater DW - Drinking Water SW - Surface Water Range - See Regulation 31 for details.
mg/L - milligrams per Liter (Dup) - Duplicate sample < - Below the Reporting Limit Bold - Indicates result exceeds standards. (J) - Result is an estimated value. (R) - Result is a rejected value.

TABLE 3
LABORATORY ANALYTICAL RESULTS - TOTAL METALS
LOWRY OU2 LANDFILL SITE
FORMER LOWRY AIR FORCE BASE
DENVER, COLORADO

Sampling Location / Well ID	Sample Date	Analytical Method	Total Metals (mg/L)																	
			Antimony	Arsenic	Barium	Beryllium	Cadmium	Calcium	Chromium	Cobalt	Copper	Lead	Magnesium	Nickel	Potassium	Selenium	Silver	Sodium	Thallium	Vanadium	Zinc
Surface Water																					
SW-1	7/26/10	SW6010	<0.02	<0.01	0.14	<0.005	<0.005	120	<0.01	<0.01	<0.01	<0.003	26	<0.02	3.5	<0.005	<0.01	71	<0.01	<0.01	<0.02
SW-1 (Dup)	7/26/10	SW6010	<0.02	<0.01	0.14	<0.005	<0.005	120	<0.01	<0.01	<0.01	<0.003	26	<0.02	3.5	<0.005	<0.01	72	<0.01	<0.01	<0.02
SW-1	1/25/11	SW6010	<0.02	<0.01	0.15	<0.005	<0.005	120	<0.01	<0.01	<0.01	<0.003	28	<0.02	2.9	<0.005	<0.01	77	<0.01	<0.01	<0.02
SW-1	7/26/11	SW6010	<0.02	<0.01	0.14	<0.005	<0.005	110	<0.01	<0.01	<0.01	<0.003	30	<0.02	4.2	<0.005	<0.01	75	<0.01	<0.01	<0.02
SW-1 (Dup)	7/26/11	SW6010	<0.02	<0.01	0.14	<0.005	<0.005	110	<0.01	<0.01	<0.01	<0.003	30	<0.02	4.1	<0.005	<0.01	73	<0.01	<0.01	<0.02
SW-1	1/30/12	SW6010	<0.02	<0.01	0.15	<0.005	<0.005	120	<0.01	<0.01	<0.01	<0.003	28	<0.02	2.7	<0.005	<0.01	72	<0.01	<0.01	<0.02
SW-1 (Dup)	1/30/12	SW6010	<0.02	<0.01	0.15	<0.005	<0.005	110	<0.01	<0.01	<0.01	<0.003	28	<0.02	2.7	<0.005	<0.01	71	<0.01	<0.01	<0.02
SW-1	7/25/12	SW6010	<0.02	<0.01	0.13	<0.005	<0.005	110	<0.01	<0.01	<0.01	<0.003	25	<0.02	4.1	<0.005	<0.01	68	<0.01	<0.01	<0.02
SW-1	1/21/13	SW6010	<0.02	<0.01	0.14	<0.005	<0.005	110	<0.01	<0.01	<0.01	<0.003	28	<0.02	2.7	<0.005	<0.01	69	<0.01	<0.01	<0.02
SW-1 (Dup)	1/21/13	SW6010	<0.02	<0.01	0.14	<0.005	<0.005	110	<0.01	<0.01	<0.01	<0.003	27	<0.02	2.6	<0.005	<0.01	68	<0.01	<0.01	<0.02
SW-1	7/23/13	SW6010	<0.02	<0.01	0.16	<0.005	<0.005	120	<0.01	<0.01	<0.01	<0.003	27	<0.02	4.3	<0.005	<0.01	79	<0.01	<0.01	<0.02
SW-1	1/29/14	SW6010	<0.02	<0.01	0.16	<0.005	<0.005	140	<0.01	<0.01	<0.01	<0.003	28	<0.02	4.1	<0.005	<0.01	190	<0.01	<0.01	<0.02
SW-1	8/5/14	SW6010	<0.02	<0.01	0.14	<0.005	<0.005	110	<0.01	<0.01	<0.01	<0.003	34	<0.02	4.9	<0.005	<0.01	83	<0.01	<0.01	<0.02
SW-1 (Dup)	8/5/14	SW6010	<0.02	<0.01	0.14	<0.005	<0.005	110	<0.01	<0.01	<0.01	<0.003	33	<0.02	4.8	<0.005	<0.01	83	<0.01	<0.01	<0.02
SW-1	7/28/15	SW6010	<0.02	<0.01	0.15	<0.005	<0.005	130	<0.01	<0.01	<0.01	<0.003	29	<0.02	4.4	<0.005	<0.01	85	<0.01	<0.01	<0.02
SW-1	7/25/16	SW6010	<0.02	<0.01	0.13	<0.005	<0.005	110	<0.01	<0.01	<0.01	<0.003	25	<0.02	5.0	<0.005	<0.01	74	<0.01	<0.01	<0.02
SW-1	7/24/18	SW6010	<0.02	<0.01	<0.1	<0.005	<0.005	55	<0.01	<0.01	<0.01	<0.004	14	<0.02	4.6	<0.006	<0.01	42	<0.01	<0.01	<0.02
SW-2	11/21/06	SW6010	<0.02	<0.01	0.11	<0.005	<0.005	130	<0.01	<0.01	<0.01	<0.003	30	<0.02	5.8	<0.005	<0.01	99	<0.01	<0.01	<0.02
SW-2 (Dup)	11/21/06	SW6010	<0.02	<0.01	0.11	<0.005	<0.005	130	<0.01	<0.01	<0.01	<0.003	30	<0.02	5.8	<0.005	<0.01	98	<0.01	<0.01	<0.02
SW-2	2/8/07	SW6010	<0.02	<0.01	<0.1	<0.005	<0.005	61	<0.01	<0.01	<0.01	0.0043	22	<0.02	8.8	<0.005	<0.01	190	<0.01	<0.01	0.043
SW-2	4/20/07	SW6010	<0.02	<0.01	<0.1	<0.005	<0.005	100	<0.01	<0.01	<0.01	<0.003	30	<0.02	5.0	<0.005	<0.01	95	<0.01	<0.01	<0.02
SW-2	7/24/07	SW6010	<0.02	<0.01	<0.1	<0.005	<0.005	81	<0.01	<0.01	<0.01	<0.003	27	<0.02	5.8	<0.005	<0.01	92	<0.01	<0.01	<0.02
SW-2	10/31/07	SW6010	<0.02	<0.01	<0.1	<0.005	<0.005	110	<0.01	<0.01	<0.01	<0.003	26	<0.02	5.4	<0.005	<0.01	85	<0.01	<0.01	<0.02
SW-2	4/29/08	SW6010	<0.02	<0.01	<0.1	<0.005	<0.005	90	<0.01	<0.01	<0.01	<0.003	28	<0.02	5.2	<0.005	<0.01	120	<0.01	<0.01	<0.02
SW-2 (Dup)	4/29/08	SW6010	<0.02	<0.01	<0.1	<0.005	<0.005	89	<0.01	<0.01	<0.01	<0.003	28	<0.02	5.1	<0.005	<0.01	120	<0.01	<0.01	<0.02
SW-2	1/21/09	SW6010	<0.02	<0.01	0.12	<0.005	<0.005	130	<0.01	<0.01	<0.01	<0.003	39	<0.02	7.8	<0.005	<0.01	240	<0.01	<0.01	<0.02
SW-2	7/29/09	SW6010	<0.02	<0.01	<0.1	<0.005	<0.005	83	<0.01	<0.01	<0.01	<0.003	21	<0.02	4.9	<0.005	<0.01	71	<0.01	<0.01	<0.02
SW-2	1/27/10	SW6010	<0.02	<0.01	0.11	<0.005	<0.005	130	<0.01	<0.01	<0.01	<0.003	34	<0.02	5.9	<0.005	<0.01	150	<0.01	<0.01	<0.02
SW-2	7/26/10	SW6010	<0.02	<0.01	<0.1	<0.005	<0.005	83	<0.01	<0.01	<0.01	<0.003	25	<0.02	6.5	<0.005	<0.01	90	<0.01	<0.01	<0.02
SW-2	1/25/11	SW6010	<0.02	<0.01	0.11	<0.005	<0.005	130	<0.01	<0.01	<0.01	<0.003	39	<0.02	7.4	<0.005	<0.01	270	<0.01	<0.01	<0.02
SW-2	7/26/11	SW6010	<0.02	<0.01	0.11	<0.005	<0.005	150	<0.01	<0.01	<0.01	<0.003	39	<0.02	5.5	<0.005	<0.01	110	<0.01	<0.01	<0.02
SW-2	1/30/12	SW6010	<0.02	<0.01	0.12	<0.005	<0.005	130	<0.01	<0.01	<0.01	<0.003	37	<0.02	6.7	<0.005	<0.01	210	<0.01	<0.01	<0.02
SW-2	7/25/12	SW6010	<0.02	<0.01	<0.1	<0.005	<0.005	120	<0.01	<0.01	<0.01	<0.003	28	<0.02	4.9	<0.005	<0.01	96	<0.01	<0.01	<0.02
SW-2 (Dup)	7/25/12	SW6010	<0.02	<0.01	<0.1	<0.005	<0.005	120	<0.01	<0.01	<0.01	<0.003	28	<0.02	4.9	<0.005	<0.01	97	<0.01	<0.01	<0.02
SW-2	1/21/13	SW6010	<0.02	<0.01	0.12	<0.005	<0.005	130	<0.01	<0.01	<0.01	<0.003	39	<0.02	6.1	<0.005	<0.01	210	<0.01	<0.01	<0.02
SW-2	7/23/13	SW6010	<0.02	<0.01	0.12	<0.005	<0.005	140	<0.01	<0.01	<0.01	<0.003	33	<0.02	4.6	<0.005	<0.01	110	<0.01	<0.01	<0.02
SW-2 (Dup)	7/23/13	SW6010	<0.02	<0.01	0.11	<0.005	<0.005	140	<0.01	<0.01	<0.01	<0.003	33	<0.02	4.6	<0.005	<0.01	120	<0.01	<0.01	<0.02
SW-2	1/29/14	SW6010	<0.02	<0.01	0.16	<0.005	<0.005	140	<0.01	<0.01	<0.01	<0.003	49	<0.02	6.3	0.007	<0.01	560	<0.01	<0.01	<0.02
SW-2 (Dup)	1/29/14	SW6010	<0.04	<0.02	<0.2	<0.01	<0.01	140	<0.02	<0.02	<0.02	<0.006	55	<0.04	6.3	<0.01	<0.02	570	<0.02	<0.02	<0.04
SW-2	8/5/14	SW6010	<0.02	<0.01	<0.1	<0.005	<0.005	110	<0.01	<0.01	<0.01	<0.003	28	<0.02	5.2	<0.005	<0.01	92	<0.01	<0.01	<0.02
SW-2	7/28/15	SW6010	<0.02	<0.01	<0.1	<0.005	<0.005	120	<0.01	<0.01	<0.01	<0.003	29	<0.02	5.1	<0.005	<0.01	100	<0.01	<0.01	<0.02
SW-2	7/25/16	SW6010	<0.02	<0.01	<0.1	<0.005	<0.005	110	<0.01	<0.01	<0.01	<0.003	25	<0.02	6.1	<0.005	<0.01	92	<0.01	<0.01	<0.02
SW-2 (Dup)	7/25/16	SW6010	<0.02	<0.01	<0.1	<0.005	<0.005	110	<0.01	<0.01	<0.01	<0.003	25	<0.02	6.0	<0.005	<0.01	91	<0.01	<0.01	<0.02

Notes: CDPHE - Colorado Department of Public Health and Environment MCLs - Maximum Contaminant Levels GW - Groundwater DW - Drinking Water SW - Surface Water Range - See Regulation 31 for details.
mg/L - milligrams per Liter (Dup) - Duplicate sample < - Below the Reporting Limit Bold - Indicates result exceeds standards. (J) - Result is an estimated value. (R) - Result is a rejected value.

TABLE 3
LABORATORY ANALYTICAL RESULTS - TOTAL METALS
LOWRY OU2 LANDFILL SITE
FORMER LOWRY AIR FORCE BASE
DENVER, COLORADO

Sampling Location / Well ID	Sample Date	Analytical Method	Total Metals (mg/L)																	
			Antimony	Arsenic	Barium	Beryllium	Cadmium	Calcium	Chromium	Cobalt	Copper	Lead	Magnesium	Nickel	Potassium	Selenium	Silver	Sodium	Thallium	Vanadium	Zinc
Surface Water																					
SW-2	7/24/18	SW6010	<0.02	<0.01	<0.1	<0.005	<0.005	36	<0.01	<0.01	<0.01	<0.004	8.1	<0.02	3.5	<0.006	<0.01	32	<0.01	<0.01	<0.02
SW-3	11/21/06	SW6010	<0.02	<0.01	0.11	<0.005	<0.005	120	<0.01	<0.01	<0.01	<0.003	30	<0.02	5.7	<0.005	<0.01	99	<0.01	<0.01	<0.02
SW-3	2/8/07	SW6010	<0.02	<0.01	<0.1	<0.005	<0.005	62	<0.01	<0.01	<0.01	<0.003	22	<0.02	8.6	<0.005	<0.01	180	<0.01	<0.01	0.04
SW-3	4/20/07	SW6010	<0.02	<0.01	<0.1	<0.005	<0.005	110	<0.01	<0.01	<0.01	<0.003	30	<0.02	5.0	<0.005	<0.01	95	<0.01	<0.01	<0.02
SW-3	7/24/07	SW6010	<0.02	<0.01	<0.1	<0.005	<0.005	80	<0.01	<0.01	<0.01	<0.003	27	<0.02	5.8	<0.005	<0.01	92	<0.01	<0.01	<0.02
SW-3	10/31/07	SW6010	<0.02	<0.01	<0.1	<0.005	<0.005	110	<0.01	<0.01	<0.01	<0.003	26	<0.02	4.7	<0.005	<0.01	85	<0.01	<0.01	<0.02
SW-3 (Dup)	10/31/07	SW6010	<0.02	<0.01	<0.1	<0.005	<0.005	110	<0.01	<0.01	<0.01	<0.003	26	<0.02	4.7	<0.005	<0.01	85	<0.01	<0.01	<0.02
SW-3	4/28/08	SW6010	<0.02	<0.01	<0.1	<0.005	<0.005	88	<0.01	<0.01	<0.01	<0.003	28	<0.02	5.0	<0.005	<0.01	120	<0.01	<0.01	<0.02
SW-3	1/21/09	SW6010	<0.02	<0.01	0.12	<0.005	<0.005	130	<0.01	<0.01	<0.01	<0.003	38	<0.02	7.5	<0.005	<0.01	250	<0.01	<0.01	<0.02
SW-3 (Dup)	1/21/09	SW6010	<0.02	<0.01	0.12	<0.005	<0.005	130	<0.01	<0.01	<0.01	<0.003	39	<0.02	7.6	<0.005	<0.01	240	<0.01	<0.01	<0.02
SW-3	7/29/09	SW6010	<0.02	<0.01	<0.1	<0.005	<0.005	80	<0.01	<0.01	<0.01	<0.003	20	<0.02	4.9	<0.005	<0.01	71	<0.01	<0.01	<0.02
SW-3 (Dup)	7/29/09	SW6010	<0.02	<0.01	<0.1	<0.005	<0.005	83	<0.01	<0.01	<0.01	<0.003	21	<0.02	4.9	<0.005	<0.01	71	**0.01**	<0.01	0.061
SW-3	1/27/10	SW6010	<0.02	<0.01	0.11	<0.005	<0.005	130	<0.01	<0.01	<0.01	<0.003	34	<0.02	6.0	<0.005	<0.01	150	<0.01	<0.01	<0.02
SW-3	7/26/10	SW6010	<0.02	<0.01	<0.1	<0.005	<0.005	83	<0.01	<0.01	<0.01	<0.003	25	<0.02	6.6	<0.005	<0.01	91	<0.01	<0.01	<0.02
SW-3	1/25/11	SW6010	<0.02	<0.01	0.11	<0.005	<0.005	130	<0.01	<0.01	<0.01	<0.003	38	<0.02	7.4	<0.005	<0.01	260	<0.01	<0.01	<0.02
SW-3 (Dup)	1/25/11	SW6010	<0.02	<0.01	0.11	<0.005	<0.005	130	<0.01	<0.01	<0.01	<0.003	39	<0.02	7.5	<0.005	<0.01	260	<0.01	<0.01	<0.02
SW-3	7/26/11	SW6010	<0.02	<0.01	0.11	<0.005	<0.005	140	<0.01	<0.01	<0.01	<0.003	39	<0.02	5.6	<0.005	<0.01	110	<0.01	<0.01	<0.02
SW-3	1/30/12	SW6010	<0.02	<0.01	0.12	<0.005	<0.005	130	<0.01	<0.01	<0.01	<0.003	37	<0.02	6.5	<0.005	<0.01	210	<0.01	<0.01	<0.02
SW-3	7/25/12	SW6010	<0.02	<0.01	<0.1	<0.005	<0.005	120	<0.01	<0.01	<0.01	<0.003	27	<0.02	4.8	<0.005	<0.01	91	<0.01	<0.01	<0.02
SW-3	1/21/13	SW6010	<0.02	<0.01	0.12	<0.005	<0.005	130	<0.01	<0.01	<0.01	<0.003	39	<0.02	5.9	<0.005	<0.01	210	<0.01	<0.01	<0.02
SW-3	7/23/13	SW6010	<0.02	**0.011**	0.12	<0.005	<0.005	140	<0.01	<0.01	<0.01	<0.003	32	<0.02	4.4	<0.005	<0.01	110	<0.01	<0.01	<0.02
SW-3	1/29/14	SW6010	<0.02	<0.01	0.16	<0.005	<0.005	140	<0.01	<0.01	<0.01	<0.003	50	<0.02	6.4	<0.005	<0.01	560	<0.01	<0.01	<0.02
SW-3	8/5/14	SW6010	<0.02	<0.01	<0.1	<0.005	<0.005	110	<0.01	<0.01	<0.01	<0.003	29	<0.02	5.2	<0.005	<0.01	93	<0.01	<0.01	<0.02
SW-3	7/28/15	SW6010	<0.02	<0.01	<0.1	<0.005	<0.005	120	<0.01	<0.01	<0.01	<0.003	28	<0.02	5.0	<0.005	<0.01	100	<0.01	<0.01	0.058
SW-3 (Dup)	7/28/15	SW6010	<0.02	<0.01	<0.1	<0.005	<0.005	120	<0.01	<0.01	<0.01	<0.003	28	<0.02	4.9	<0.005	<0.01	100	<0.01	<0.01	<0.02
SW-3	7/25/16	SW6010	<0.02	<0.01	<0.1	<0.005	<0.005	110	<0.01	<0.01	<0.01	<0.003	25	<0.02	6.0	<0.005	<0.01	90	<0.01	<0.01	<0.02
SW-3	7/24/18	SW6010	<0.02	<0.01	<0.1	<0.005	<0.005	37	<0.01	<0.01	<0.01	<0.004	8.3	<0.02	3.5	<0.006	<0.01	33	<0.01	<0.01	<0.02
SW-3 (Dup)	7/24/18	SW6010	<0.02	<0.01	<0.1	<0.005	<0.005	39	<0.01	<0.01	<0.01	<0.004	8.8	<0.02	3.6	<0.006	<0.01	34	<0.01	<0.01	<0.02
SW CDPHE Drinking Water or Domestic Use Standards (Jan 2018):			**0.006**	**0.00002-0.010**	**0.490-1.0**	**0.004**	**0.005**	**--**	**0.05**	**--**	**1.0**	**0.05**	**--**	**0.1**	**--**	**0.05**	**0.1**	**--**	**0.0005**	**--**	**5**

Notes: CDPHE - Colorado Department of Public Health and Environment MCLs - Maximum Contaminant Levels GW - Groundwater DW - Drinking Water SW - Surface Water Range - See Regulation 31 for details.
mg/L - milligrams per Liter (Dup) - Duplicate sample < - Below the Reporting Limit Bold - Indicates result exceeds standards. (J) - Result is an estimated value. (R) - Result is a rejected value.

TABLE 4
LABORATORY ANALYTICAL RESULTS - ANIONS, TOTAL ORGANIC CARBON, AND FIELD PARAMETERS
LOWRY OU2 LANDFILL SITE
FORMER LOWRY AIR FORCE BASE
DENVER, COLORADO

Sampling Location/ Well ID	Sample Date	ANIONS						FIELD PARAMETERS			
		Carbonate as CaCO3 (mg/L)	Bicarbonate as CaCO3 (mg/L)	Chloride (mg/L)	Sulfate (mg/L)	Nitrite as N (mg/L)	Nitrate as N (mg/L)	pH, Field (su)	Conductivity, Field (u-S)	Temperature, Field (Deg C)	Total Organic Carbon (mg/L)
Upgradient											
BG-5	11/13/06	<20	390	180	120	<0.2	3.9	7.07	1270	18.30	2.9
BG-5	2/7/07	<20	400	220	120	0.52	3.0	7.05	1396	14.66	3.1
BG-5	4/19/07	<20	370	170	100	<0.1 (J)	2.2	7.52	1206	14.77	2.3
BG-5	7/23/07	<50	370	170	94	<0.1	2.2	7.17	1280	17.19	2.5
BG-5	10/30/07	<20	380	170	110	<0.1	2.5	7.4	1320	18.77	3.4
BG-5 (Dup)	10/30/07	<20	370	160	100	<0.1	2	7.4	1320	18.77	3.4
BG-5	1/31/08	<50	390	200	110	<0.2	2.5	7.37	1015	13.79	3.2
BG-5	4/28/08							7.72	1375	15.42	
BG-5	5/1/08	<20	360	220	99	<0.1	2.8	7.37	1352	13.3	2.8
BG-5	7/28/08	<20	390	**290**	110	<0.2	4.6	7.52	1624	17.84	3.2
BG-5	1/21/09	<50	370	220	110	<0.1	2.6	7.56	1173	16.58	3
BG-5	7/28/09	<50	390	**280**	110	<0.2	4.3	7.22	1669	17.19	2.9
BG-5	1/27/10	<20	360	**320**	120	<0.2	4.8	7.25	1549	14.39	2.5
BG-5	7/26/10	<50	360	**430**	140	<0.2	7.9	7.15	2052	19.58	2.5
BG-5 (Dup)	7/26/10	<50	370	**390**	140	<0.2	7.8	7.15	2052	19.58	2.8
BG-5	1/25/11	<20	340	**340**	100	<0.2	4.3	7.8	1655	15.28	2.6
BG-5	7/26/11	<20	350	**310**	110	<0.2	4.8	7.09	1523	19.48	3
BG-5	1/30/12	<20	360	**350**	110	<0.2	4.7	7.57	1437	15.04	2.6
BG-5	7/25/12	<20	370	**400**	110	<0.2	6.6	7.46	1806	18.3	1.1
BG-5 (Dup)	7/25/12	<20	370	**400**	110	<0.2	6.7	7.46	1806	18.3	1
BG-5	1/21/13	<20	380	**320**	120	<0.2	5.2	6.58	1614	15.78	2.3
BG-5 (Dup)	1/21/13	<20	380	**320**	120	<0.2	5.2	6.58	1614	15.78	2.3
BG-5	7/23/13	<20	360	**260**	99	<0.1	4	7.20	1522	19.10	2.6
BG-5	1/29/14	<20	360	**290**	130	<0.2	4.8	7.25	1593	15.09	2.8
BG-5	8/5/14	<20	380	**310**	170	<0.2	**19**	7.15	1235	17.24	4
BG-5	7/28/15	<20	390	**330**	120	<0.2	6.3	6.91	1853	18	3.8
BG-5 (Dup)	7/28/15	<20	390	**340**	130	<0.2	6.5	6.91	1853	18	3.8
BG-5	7/25/16	<20	450	**260**	130	<0.1	6.4	7.90	1776	18.46	4
BG-5	7/24/18	<20	330	**380**	90	<0.5	8.2	6.51	1911	19.13	3.1
BG-6	11/13/06	<20	230	180	53	<0.1	<0.2	7.55	640	16.76	1.1
BG-6	2/7/07	<20	230	45	52	<0.1	<0.2	7.46	624	13.56	1.2
BG-6 (Dup)	2/7/07	<20	230	44	51	0.1	<0.2	7.46	624	13.56	1.3
BG-6	4/20/07	<50	240	49	50	<0.1 (J)	<0.2	7.81	660	13.87	<1
BG-6	7/23/07	<50	230	44	49	<0.1	0.21	7.10	684	16.78	<1
BG-6	10/30/07	<20	220	49	52	<0.1	<0.2	7.74	726	17.92	1.5
BG-6	1/30/08	<50	240	48	54	<0.1	<0.2	7.69	634	13.56	1.5
BG-6	4/28/08	<20	230	45	50	<0.1	<0.2	8.12	646	13.94	1.6
BG-6	7/28/08	<20	230	50	49	<0.1	<0.2				1.4
BG-6	7/31/08							7.99	630	16.1	
BG-6	8/19/08	<20	230								
BG-6	1/21/09	<50	230	56	51	<0.1	<0.2	7.94	608	15.50	1.5

Notes: CDPHE - Colorado Department of Public Health and Environment su - standard units Deg C - Degrees Centigrade u-S - microSiemens/cm GW - Groundwater SW - Surface Water
mg/L - milligrams per Liter (Dup) - Duplicate sample < - Below the Reporting Limit Bold - Indicates result exceeds standards. (J) - Result is an estimated value. (R) - Result is a rejected value.

TABLE 4
LABORATORY ANALYTICAL RESULTS - ANIONS, TOTAL ORGANIC CARBON, AND FIELD PARAMETERS
LOWRY OU2 LANDFILL SITE
FORMER LOWRY AIR FORCE BASE
DENVER, COLORADO

Sampling Location/ Well ID	Sample Date	ANIONS						FIELD PARAMETERS			
		Carbonate as CaCO3 (mg/L)	Bicarbonate as CaCO3 (mg/L)	Chloride (mg/L)	Sulfate (mg/L)	Nitrite as N (mg/L)	Nitrate as N (mg/L)	pH, Field (su)	Conductivity, Field (u-S)	Temperature, Field (Deg C)	Total Organic Carbon (mg/L)
Upgradient											
BG-6	7/28/09	<50	250	56	46	<0.1	<0.2	7.61	683	15.99	1.5
BG-6	1/27/10	<20	230	63	51	<0.1	<0.2	7.57	694	16.63	1.5
BG-6	7/26/10	<20	220	60	51	<0.1	<0.2	7.56	678	19.69	1.9
BG-6	1/25/11	<20	230	60	49	<0.1	<0.2	7.91	748	14.22	1.5
BG-6	7/26/11	<20	220	62	51	<0.1	<0.2	7.49	635	17.75	1.6
BG-6	1/30/12	<20	230	69	47	<0.1	<0.2	7.86	573	14.09	1.7
BG-6	7/25/12	<20	230	68	47	<0.1	<0.2	7.74	658	18.38	1.1
BG-6	1/21/13	<20	230	68	48	<0.1	<0.2	6.73	671	14.65	1.2
BG-6	7/23/13	<20	230	64	45	<0.1	<0.2	7.77	730	18.54	1.2
BG-6 (Dup)	7/23/13	<20	230	65	45	<0.1	<0.2	7.77	730	18.54	1.2
BG-6	1/29/14	<20	230	65	46	<0.1	<0.2	7.65	730	13.71	1.3
BG-6 (Dup)	1/29/14	<20	230	65	46	<0.1	<0.2	7.65	730	13.71	1.4
BG-6	8/5/14	<20	230	65	46	<0.1	<0.2	7.26	642	17.34	2.2
BG-6 (Dup)	8/5/14	<20	230	66	47	<0.1	<0.2	7.26	642	17.34	2
BG-6	7/28/15	<20	240	65	45	<0.1	<0.2	7.27	730	17.3	2.1
BG-6	7/25/16	<20	240	68	47	<0.1	<0.2	7.94	735	18.19	2.1
BG-6	7/24/18	<20	230	74	43	<0.1	<0.2	7.11	748	18.77	<1
LFPOC09	11/13/06	<20	310	60	97	<0.1	7.0	7.33	939	17.78	1.2
LFPOC09	2/8/07	<20	300	63	99	<0.1	6.9	7.27	921	16.35	1.3
LFPOC09	4/19/07	<50	300	62	94	<0.1 (J)	6.8	7.83	1980	15.92	42
LFPOC09	7/23/07	<50	300	59	90	<0.1	6.6	7.50	1010	16.92	1.1
LFPOC09	10/30/07							7.51	1075	16.84	
LFPOC09	10/31/07	<20	310	64	97	<0.1	7.3	7.51	1075	16.84	2.1
LFPOC09	1/30/08	<50	290	64	99	<0.1	7.3	7.77	875	13.92	1.6
LFPOC09	4/28/08	<20	330	64	92	<0.1	7.3	7.93	974	15.8	1.9
LFPOC09	7/28/08							7.66	967	16.65	
LFPOC09	7/31/08	<20	330	66	97	<0.1	7.1				1.8
LFPOC09	1/21/09	<20	330	75	100	<0.1	7.6	7.67	949	16.51	1.3
LFPOC09	7/28/09	<50	330	62	92	<0.1	6.8	7.43	1002	16.16	1.6
LFPOC09	1/27/10	<20	320	75	100	<0.1	7.2	7.42	987	15.06	1.5
LFPOC09	7/26/10	<50	320	77	96	<0.1	7.3	7.45	998	19.51	1.7
LFPOC09	1/25/11	<20	260	64	98	<0.1	5.8	8.09	933	15.51	1.9
LFPOC09 (Dup)	1/25/11	<20	260	65	98	<0.1	5.8	8.09	933	15.51	1.9
LFPOC09	7/26/11	<20	300	75	98	<0.1	6.8	7.23	913	17.52	1.8
LFPOC09 (Dup)	7/26/11	<20	300	73	97	<0.1	6.8	7.23	913	17.52	2
LFPOC09	1/30/12	<20	270	74	99	<0.1	4.5	8.06	745	16	2.2
LFPOC09 (Dup)	1/30/12	<20	260	75	99	<0.1	4.5	8.06	745	16	2.2
LFPOC09	7/25/12	<20	300	75	95	<0.1	6.2	7.65	903	17.69	2.3
LFPOC09	1/21/13	<20	230	70	92	<0.1	5.5	7.04	800	16.45	<1
LFPOC09	7/23/13	<20	300	86	91	<0.1	6.2	7.49	1038	17.51	1.1
LFPOC09	1/29/14	<20	300	62	87	<0.1	3.5	7.81	934	15.46	3.6

Notes: CDPHE - Colorado Department of Public Health and Environment su - standard units Deg C - Degrees Centigrade u-S - microSiemens/cm GW - Groundwater SW - Surface Water
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TABLE 4
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LOWRY OU2 LANDFILL SITE
FORMER LOWRY AIR FORCE BASE
DENVER, COLORADO

Sampling Location/ Well ID	Sample Date	ANIONS						FIELD PARAMETERS			
		Carbonate as CaCO3 (mg/L)	Bicarbonate as CaCO3 (mg/L)	Chloride (mg/L)	Sulfate (mg/L)	Nitrite as N (mg/L)	Nitrate as N (mg/L)	pH, Field (su)	Conductivity, Field (u-S)	Temperature, Field (Deg C)	Total Organic Carbon (mg/L)
Upgradient											
LFPOC09	8/5/14	<20	310	90	97	<0.1	5.8	7.48	1071	17.42	3.5
LFPOC09	7/28/15	<20	320	130	100	<0.1	6.7	7.14	1200	17.4	2.8
LFPOC09	7/25/16	<20	330	140	120	<0.1	6.8	8.02	1244	17.05	2.3
LFPOC09 (Dup)	7/25/16	<20	330	140	110	<0.1	6.8	8.02	1244	17.05	2.5
LFPOC09	7/24/18	<20	270	61	100	<0.1	6.6	7.14	928	18.36	<1
LFPOC09 (Dup)	7/24/18	<20	260	62	100	<0.1	6.6	7.14	928	18.36	1.4
Downgradient											
LFPOC07	11/13/06	<20	320	57	76	<0.1	<0.2	7.56	865	11.43	1.5
LFPOC07	2/8/07	<20	320	60	74	<0.1	<0.2	7.59	849	6.59	1.4
LFPOC07	4/19/07	<50	320	62	70	<0.1 (J)	<0.2 (J)	8.02	916	9.47	1.1
LFPOC07	7/23/07	<50	320	56	67	<0.1	<0.2	7.51	929	12.51	1.2
LFPOC07	12/19/07	<20	320	59	74	<0.1	<0.2	7.81	907	10.1	1.5
LFPOC07	1/30/08	<50	340	57	75	<0.1	<0.2	7.58	843	6.56	1.6
LFPOC07	4/28/08	<20	320	57	71	<0.1	0.23	8	860	9.62	1.7
LFPOC07	7/28/08	<20	320	57	69	<0.1	0.25	7.9	831	12.79	1.8
LFPOC07	1/21/09	<50	320	69	79	<0.1	<0.2	7.87	709	10.00	1.5
LFPOC07	7/28/09	<50	330	56	67	<0.1	0.3	7.54	885	14.36	1.6
LFPOC07 (Dup)	7/28/09	<50	330	57	68	<0.1	0.28	7.54	885	14.36	1.6
LFPOC07	1/27/10	<50	330	60	75	<0.1	0.28	7.49	874	7.55	1.4
LFPOC07	7/26/10	<50	310	60	75	<0.1	<0.2	7.58	854	19.06	1.9
LFPOC07	1/25/11	<20	320	56	70	<0.1	<0.2	7.64	904	8.82	1.9
LFPOC07	7/26/11	<20	310	63	73	<0.1	<0.2	7.31	827	13.99	2
LFPOC07	1/30/12	<20	320	66	71	<0.1	<0.2	7.96	711	9.33	1.9
LFPOC07	7/25/12	<20	310	64	72	<0.1	0.25	7.78	807	14.98	1.3
LFPOC07	1/21/13	<20	310	63	73	<0.1	0.2	6.29	830	8.61	1.2
LFPOC07	7/23/13	<20	300	64	69	<0.1	<0.2	7.64	898	14.71	1.4
LFPOC07	1/29/14	<20	260	58	60	<0.1	0.23	7.57	761	8.84	1.6
LFPOC07	8/5/14	<20	420	150	140	<0.1	<0.2	7.83	897	13.35	1.8
LFPOC07	7/29/15	<20	300	75	70	<0.1	0.26	7.17	883	13.8	1.6
LFPOC07	7/25/16	<20	280	79	69	<0.1	<0.2	7.62	897	13.79	1.6
LFPOC07	7/24/18	<20	290	78	65	<0.1	<0.2	6.52	900	14.65	<1
LFPOC08	11/13/06	<20	390	98	98	<0.1	0.97	7.11	1103	12.53	1.8
LFPOC08	2/7/07	<20	400	100	100	0.26	0.67	6.80	1111	10.75	1.8
LFPOC08	4/19/07	<50	390	100	96	<0.1 (J)	0.6 (J)	7.99	1179	11.17	1.6
LFPOC08	7/23/07	<50	390	94	94	<0.1	0.6	7.11	1173	13.44	1.7
LFPOC08	10/30/07	<50	390	100	100	<0.1	0.53	7.78	1276	13.82	2.4
LFPOC08	1/30/08	<50	400	99	96	<0.1	0.54	7.37	1105	10.12	2.1
LFPOC08	4/28/08	<20	390	100	94	<0.1	0.43	7.74	1132	11.18	2.3
LFPOC08 (Dup)	4/28/08	<20	400	98	95	<0.1	0.42	7.74	1132	11.18	2.4
LFPOC08	7/28/08							7.65	1095	12.2	2.4
LFPOC08	7/31/08	<20	400	100	99	<0.1	0.41				

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TABLE 4
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LOWRY OU2 LANDFILL SITE
FORMER LOWRY AIR FORCE BASE
DENVER, COLORADO

Sampling Location/ Well ID	Sample Date	ANIONS						FIELD PARAMETERS			
		Carbonate as CaCO3 (mg/L)	Bicarbonate as CaCO3 (mg/L)	Chloride (mg/L)	Sulfate (mg/L)	Nitrite as N (mg/L)	Nitrate as N (mg/L)	pH, Field (su)	Conductivity, Field (u-S)	Temperature, Field (Deg C)	Total Organic Carbon (mg/L)
Downgradient											
LFPOC08	1/21/09	<50	420	110	110	<0.1	0.34	7.46	1019	12.57	2.3
LFPOC08	7/28/09	<50	390	95	97	<0.1	0.35	7.25	1141	12.13	2.1
LFPOC08	1/27/10	<20	400	120	110	<0.2	0.43	7.25	1186	10.35	2
LFPOC08	7/26/10	<50	380	100	99	<0.1	0.42	7.3	1110	14.99	2.2
LFPOC08	1/25/11	<20	390	110	97	<0.2	0.47	7.62	1208	10.4	2.4
LFPOC08	7/26/11	<20	360	110	97	<0.1	0.42	7.01	1062	14.17	2.2
LFPOC08	1/30/12	<20	390	130	97	<0.1	0.42	7.44	996	11.73	2.2
LFPOC08	7/25/12	<20	350	120	96	<0.1	0.54	7.39	1055	14.72	1.4
LFPOC08	1/21/13	<20	390	140	99	<0.1	0.42	6.30	1174	11.32	2.1
LFPOC08	7/23/13	<20	360	120	95	<0.1	0.42	7.26	1211	14.16	2
LFPOC08	1/29/14	<20	410	160	99	<0.1	0.38	7.16	1389	10.95	2.6
LFPOC08	8/5/14	<20	380	150	97	<0.1	0.36	7.33	1220	11.16	3.2
LFPOC08	7/28/15	<20	370	150	94	<0.1	0.44	6.97	626.6	13.9	2.6
LFPOC08	7/25/16	<20	360	150	96	<0.1	0.34	7.71	1280	14.73	1.9
LFPOC08	7/24/18	<20	340	130	88	<0.1	0.34	6.32	1180	15.99	1.9
LFPOC10	11/13/06	<10	340	85	76	<0.1	0.67	7.08	963	13.51	1.6
LFPOC10	2/7/07	<20	350	87	73	0.23	<0.2	6.97	968	13.28	1.5
LFPOC10	4/19/07	<50	360	92	74	<0.1 (J)	<0.2	7.85	1056	13.78	1.4
LFPOC10	7/23/07	<50	360	87	70	<0.1	0.25	6.79	1060	15.87	1.3
LFPOC10	10/30/07	<50	350	91	76	<0.1	<0.2	7.76	1122	15.36	2.1
LFPOC10	1/30/08	<50	360	89	76	<0.1	<0.2	7.44	998	11.27	1.8
LFPOC10 (Dup)	1/30/08	<50	360	92	76	<0.1	<0.2	7.44	998	11.27	1.9
LFPOC10	4/28/08							7.69	1023	13.39	
LFPOC10	5/1/08	<20	370	89	74	<0.1	<0.2	7.34	1037	11.2	1.7
LFPOC10	7/28/08										1.9
LFPOC10	7/31/08	<20	360	94	70	<0.1	0.32	7.78	1001	14.87	
LFPOC10	1/21/09	<50	370	100	74	<0.1	<0.2	7.41	923	14.78	1.6
LFPOC10	7/28/09	<50	380	96	66	<0.1	<0.2	7.17	1080	13.98	1.8
LFPOC10	1/27/10	<20	360	120	72	<0.1	0.26	7.09	1051	10.86	1.8
LFPOC10 (Dup)	1/27/10	<20	370	110	72	<0.1	0.26	7.09	1051	10.86	1.8
LFPOC10	7/26/10	<50	370	120	70	<0.1	0.28	7.18	1073	17.04	2.1
LFPOC10	1/25/11	<20	340	110	66	<0.1	0.25	7.78	1089	10.16	1.9
LFPOC10	7/26/11	<20	350	120	71	<0.1	0.3	6.81	1029	16.18	2.2
LFPOC10	1/30/12	<20	350	130	68	<0.1	0.21	7.44	895	12.02	2
LFPOC10	7/25/12	<20	360	130	69	<0.1	0.3	7.07	1040	15.79	1.2
LFPOC10	1/21/13	<20	330	130	70	<0.1	0.22	6.20	1017	11.38	1.6
LFPOC10	7/23/13	<20	350	130	69	<0.1	0.25	7.19	1168	16.93	1.7
LFPOC10	1/29/14	<20	320	130	66	<0.1	0.26	7.41	1064	11.25	1.7
LFPOC10	8/5/14	<20	320	130	65	<0.1	0.25	7.3	1121	12.14	2.3
LFPOC10	7/28/15	<20	340	140	71	<0.1	0.21	7	1133	15.7	1.8
LFPOC10	7/25/16	<20	350	140	66	<0.1	<0.2	7.45	1153	16.42	1.4

Notes: CDPHE - Colorado Department of Public Health and Environment su - standard units Deg C - Degrees Centigrade u-S - microSiemens/cm GW - Groundwater SW - Surface Water
mg/L - milligrams per Liter (Dup) - Duplicate sample < - Below the Reporting Limit Bold - Indicates result exceeds standards. (J) - Result is an estimated value. (R) - Result is a rejected value.

TABLE 4
LABORATORY ANALYTICAL RESULTS - ANIONS, TOTAL ORGANIC CARBON, AND FIELD PARAMETERS
LOWRY OU2 LANDFILL SITE
FORMER LOWRY AIR FORCE BASE
DENVER, COLORADO

Sampling Location/ Well ID	Sample Date	ANIONS						FIELD PARAMETERS			
		Carbonate as CaCO3 (mg/L)	Bicarbonate as CaCO3 (mg/L)	Chloride (mg/L)	Sulfate (mg/L)	Nitrite as N (mg/L)	Nitrate as N (mg/L)	pH, Field (su)	Conductivity, Field (u-S)	Temperature, Field (Deg C)	Total Organic Carbon (mg/L)
Downgradient											
LFPOC10	7/24/18	<20	340	150	62	<0.1	0.24	6.87	1196	16.56	1.9
LFPOC11	11/13/06	<20	490	110	84	<0.2	<0.4	6.90	1252	13.73	1.8
LFPOC11	2/7/07	<20	490	110	77	0.28	<0.2	7.55	1248	13.44	1.7
LFPOC11	4/19/07	<50	490	120	80	<0.1 (J)	<0.2 (J)	7.75	1356	13.17	1.5
LFPOC11	7/23/07	<50	490	110	82	<0.1	<0.2	6.68	1371	14.49	1.6
LFPOC11	10/30/07	<50	490	120	87	<0.1	<0.2	6.85	1453	15.27	2.1
LFPOC11	1/30/08	<50	490	120	85	<0.1	<0.2	7.14	1334	11.43	1.9
LFPOC11	4/28/08	<20	490	110	78	<0.2	<0.4	7.59	1294	12.82	2.1
LFPOC11	7/28/08	<20	410	120	79	<0.2	<0.4	7.45	1283	13.93	2
LFPOC11 (Dup)	7/31/08	<20	500	120	81	<0.2	<0.4				2.1
LFPOC11	1/21/09	<50	510	140	89	<0.1	<0.2	7.25	1169	13.73	1.8
LFPOC11 (Dup)	1/21/09	<50	510	130	86	<0.1	<0.2	7.25	1169	13.73	1.7
LFPOC11	7/28/09	<50	510	120	77	<0.1	<0.2	7.03	1394	13.63	1.8
LFPOC11	1/27/10	<50	510	140	86	<0.2	<0.4	7.09	1332	10.74	1.7
LFPOC11	7/26/10	<50	510	140	87	<0.1	<0.2	6.93	1380	15.91	2.1
LFPOC11	1/25/11	<20	500	130	79	<0.2	<0.4	6.77	1434	11.11	2
LFPOC11	7/26/11	<20	490	140	84	<0.1	<0.2	6.48	1282	14.96	2.3
LFPOC11	1/30/12	<20	500	150	82	<0.1	<0.2	7.19	1146	11.57	2
LFPOC11	7/25/12	<20	500	150	83	<0.2	<0.4	6.73	1332	15.18	1.2
LFPOC11	1/21/13	<20	490	150	88	<0.2	<0.4	6.01	1426	11.68	1.5
LFPOC11	7/23/13	<20	480	150	84	<0.1	<0.2	7.02	1460	14.95	1.7
LFPOC11	1/29/14	<20	480	190	110	<0.1	0.3	7.19	1564	10.77	1.9
LFPOC11	8/5/14	<20	470	200	110	<0.2	<0.4	7.1	1450	12.75	1.9
LFPOC11	7/28/15	<20	480	180	110	<0.2	<0.4	6.87	1512	15.4	1.9
LFPOC11	7/25/16	<20	490	170	100	<0.1	<0.2	7.37	1517	15.76	2.4
LFPOC11	7/24/18	<20	460	160	97	<0.5	<1	6.49	1458	16.58	1.9
LFPOC12	11/13/06	<20	430	89	180	<0.2	<0.4	6.97	1289	13.85	1.8
LFPOC12	2/8/07	<50	430	92	180	<0.2	<0.4	7.10	1260	12.73	1.9
LFPOC12	4/19/07	<50	420	95	170	<0.1 (J)	<0.2	7.12	1346	12.43	1.7
LFPOC12 (Dup)	4/19/07	<50	420	96	170	<0.1 (J)	<0.2 (J)	7.12	1346	12.43	1.5
LFPOC12	7/23/07	<50	430	89	160	<0.1	<0.2	7.63	1377	13.99	1.6
LFPOC12 (Dup)	7/23/07	<50	430	89	160	<0.1	<0.2	7.63	1377	13.99	1.6
LFPOC12	10/30/07	<50	430	95	170	<0.1	<0.2	7.61	1454	14.97	2.2
LFPOC12	1/30/08	<50	430	90	160	<0.1	<0.2	7.14	1242	11.8	1.8
LFPOC12	4/28/08	<20	430	90	150	<0.1	<0.2	7.6	1271	12.74	2.1
LFPOC12	7/31/08	<20	440	94	150	<0.2	<0.4	7.49	1256	13.67	2.1
LFPOC12	1/21/09	<50	450	120	170	<0.1	<0.2	7.35	1143	14.01	1.9
LFPOC12	7/28/09	<50	450	97	140	<0.1	<0.2	7.08	1321	13.99	1.8
LFPOC12	1/27/10	<50	440	110	160	<0.2	<0.4	7.05	1303	12.44	1.8
LFPOC12	7/26/10	<50	430	120	140	<0.1	<0.2	7.16	1299	16.88	2.4
LFPOC12	1/25/11	<20	430	120	140	<0.2	<0.4	7.77	1358	12.4	2.1

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TABLE 4
LABORATORY ANALYTICAL RESULTS - ANIONS, TOTAL ORGANIC CARBON, AND FIELD PARAMETERS
LOWRY OU2 LANDFILL SITE
FORMER LOWRY AIR FORCE BASE
DENVER, COLORADO

Sampling Location/ Well ID	Sample Date	ANIONS						FIELD PARAMETERS			
		Carbonate as CaCO3 (mg/L)	Bicarbonate as CaCO3 (mg/L)	Chloride (mg/L)	Sulfate (mg/L)	Nitrite as N (mg/L)	Nitrate as N (mg/L)	pH, Field (su)	Conductivity, Field (u-S)	Temperature, Field (Deg C)	Total Organic Carbon (mg/L)
Downgradient											
LFPOC12	7/26/11	<20	410	130	140	<0.1	<0.2	6.98	1240	17.10	2.3
LFPOC12	1/30/12	<20	420	140	140	<0.1	<0.2	7.67	1108	13.34	2.1
LFPOC12	7/25/12	<20	420	130	140	<0.2	<0.4	7.31	1262	16.48	1.2
LFPOC12	1/21/13	<20	420	140	150	<0.2	<0.4	6.41	1307	13.31	1.5
LFPOC12	7/23/13	<20	410	140	130	<0.1	<0.2	7.23	1413	16.07	1.8
LFPOC12	1/29/14	<20	480	140	170	<0.1	<0.2	7.26	1544	12.91	1.7
LFPOC12	8/5/14	<20	420	140	140	<0.1	<0.2	7.4	1240	12.83	2.4
LFPOC12	7/28/15	<20	400	150	140	<0.1	<0.2	6.84	1502	17.6	1.7
LFPOC12	7/26/16	<20	420	150	140	<0.1	<0.2	7.10	1416	14.41	1.7
LFPOC12	7/24/18	<20	400	170	130	<0.1	<0.2	6.37	1438	16.22	1.2
LFPOC13	11/13/06	<20	330	98	120	<0.1	1.4	7.28	1051	15.41	1.6
LFPOC13	2/7/07	<10	330	88	120	0.24	1.7	6.27	1021	13.51	1.3
LFPOC13	4/20/07	<50	320	78	130	<0.1 (J)	3.0	7.84	1056	12.49	1.3
LFPOC13	7/24/07	<50	320	96	110	<0.1	1.4	7.47	1104	13.46	2.4
LFPOC13	9/27/07							7.42	1189	16.0	
LFPOC13	10/31/07	<20	330	110	130	<0.1	1.9	7.86	1242	15.59	2.5
LFPOC13	1/31/08	<50	330	100	120	<0.1	1.7	7.51	874	12.66	1.7
LFPOC13	4/28/08	<20	320	69	95	<0.1	1.4	7.89	1026	13.29	1.9
LFPOC13	7/28/08										2.1
LFPOC13	7/31/08	<20	330	120	120	<0.1	1.4	8.02	1112	17.16	
LZ-13	11/13/06	<20	330	63	75	<0.1	1.3	7.29	885	10.44	1.6
LZ-13	2/8/07	<50	330	67	77	<0.1	0.73	7.42	875	4.99	1.4
LZ-13	4/19/07	<50	350	98	190	<0.1 (J)	0.95 (J)	**8.67**	1250	9.00	2.1
LZ-13	7/23/07	<50	310	92	130	<0.1	**15**	7.38	1234	15.63	1
LZ-13	10/30/07	<50	320	92	160	<0.1	**13**	7.43	1282	14.05	4
LZ-13	1/30/08	<50	330	78	130	<0.1	6.8	7.48	1031	5.7	2.6
LZ-13	4/28/08	<20	320	73	130	<0.1	5.2	7.78	1063	8.38	2.7
LZ-13	7/28/08										3.1
LZ-13	7/31/08	<20	340	72	150	<0.1	4.8	8.04	1065	16.09	
LZ-13	1/21/09	<50	350	79	120	<0.1	2.3	7.78	748	7.69	2
LZ-13	7/28/09	<50	330	64	97	<0.1	1.4	7.39	986	16.1	2
LZ-13	1/27/10	<50	340	71	100	<0.1	2.9	7.4	970	6.36	1.9
LZ-13	7/26/10	<50	320	76	120	<0.1	7.4	7.39	1033	19.38	3.1
LZ-13	1/25/11	<20	320	73	130	<0.1	5.8	7.6	1107	7.15	2.8
LZ-13	7/26/11	<20	320	78	130	<0.1	3.7	7.16	1009	16.25	3.1
LZ-13	1/30/12	<20	330	81	110	<0.1	2.8	7.81	833	8.21	2.5
LZ-13	7/25/12	<20	320	77	110	<0.1	3.5	7.6	936	18.17	1.8
LZ-13	1/21/13	<20	320	77	99	<0.1	2.5	6.29	941	7.80	1.7
LZ-13	7/23/13	<20	310	77	96	<0.1	2.4	7.37	994	16.94	1.9
LZ-13	1/29/14	<20	320	99	150	<0.1	4.5	7.64	1232	6.39	3.8
LZ-13	8/5/14	<20	420	150	140	<0.1	<0.2	7.35	993	12.18	2.2

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TABLE 4
LABORATORY ANALYTICAL RESULTS - ANIONS, TOTAL ORGANIC CARBON, AND FIELD PARAMETERS
LOWRY OU2 LANDFILL SITE
FORMER LOWRY AIR FORCE BASE
DENVER, COLORADO

Sampling Location/ Well ID	Sample Date	ANIONS						FIELD PARAMETERS			
		Carbonate as CaCO3 (mg/L)	Bicarbonate as CaCO3 (mg/L)	Chloride (mg/L)	Sulfate (mg/L)	Nitrite as N (mg/L)	Nitrate as N (mg/L)	pH, Field (su)	Conductivity, Field (u-S)	Temperature, Field (Deg C)	Total Organic Carbon (mg/L)
Downgradient											
LZ-13	7/29/15	<20	330	100	140	<0.1	4.6	7.02	1143	16.5	2.9
LZ-13	7/25/16	<20	340	85	150	<0.1	4.3	7.76	1114	15.66	3.3
LZ-13	7/24/18	<20	300	82	90	<0.1	1	6.99	980	16.41	1.4
GW CDPHE Standards (Dec 2016):		--	--	--	--	**1.0**	**10**	--	--	--	--
CDPHE Secondary Drinking Water Standards (Jun 2018):		--	--	**250**	**250**	--	--	**6.5 - 8.5**	--	--	--
Surface Water											
SW-1	11/21/06	<20	290	41	52	<0.1	7.6	8.36	794	14.46	2.3
SW-1	2/8/07	<20	170	**260**	60	<0.1	4.1	7.75	1113	7.40	5.7
SW-1 (Dup)	2/8/07	<20	160	**270**	56	<0.1	3.9	7.75	1113	7.4	5.4
SW-1	4/20/07	<20	260	92	100	<0.1 (J)	5.3	8.11	997	11.51	2.5
SW-1 (Dup)	4/20/07	<20	260	94	110	<0.1 (J)	5.4	8.11	997	11.51	2.6
SW-1	7/24/07	<20	260	86	94	<0.1	7.3	8.13	1010	17.49	3.3
SW-1 (Dup)	7/24/07	23	260	85	93	<0.1	7.3	8.13	1010	17.49	3.3
SW-1	10/31/07	<20	280	94	94	<0.1	8.5	8.27	1115	15.29	3.2
SW-1	4/28/08	<20	320	84	77	<0.1	9	8.92	1050	12.38	2.8
SW-1	1/21/09	<20	190	**350**	61	<0.1	1.8	8.34	1048	8.05	7.7
SW-1	7/29/09	<50	290	90	85	<0.1	6.5	8.21	966	19.33	5.8
SW-1	1/27/10	<20	300	120	99	<0.1	9.2	8.16	1087	8.82	2.2
SW-1 (Dup)	1/27/10	<20	290	120	100	<0.1	9.2	8.16	1087	8.82	2.1
SW-1	7/26/10	<50	300	110	99	<0.1	8.2	8.44	1049	18.29	3.6
SW-1 (Dup)	7/26/10	<50	300	120	94	<0.1	8.2	8.44	1049	18.29	3.6
SW-1	1/25/11	<20	310	100	88	<0.1	9.4	8.52	1091	8.65	3
SW-1	7/26/11	<20	290	120	100	<0.1	6.9	8.14	1008	18.41	3.7
SW-1 (Dup)	7/26/11	<20	290	120	100	<0.1	6.8	8.14	1008	18.41	3.7
SW-1	1/30/12	<20	310	130	96	<0.1	8.2	8.14	1074	6.28	2.3
SW-1 (Dup)	1/30/12	<20	310	130	96	<0.1	8.4	8.14	1074	6.28	3.1
SW-1	7/25/12	<20	270	100	85	<0.1	6.6	8.39	900	20.81	4.6
SW-1	1/21/13	<20	270	110	92	<0.1	8.3	6.79	979	9.93	1.7
SW-1 (Dup)	1/21/13	<20	280	110	90	<0.1	8.1	6.79	979	9.93	1.6
SW-1	7/23/13	<20	280	120	89	<0.1	6.6	8.37	1080	18.66	3.4
SW-1	1/29/14	<20	290	**350**	94	<0.2	7.5	8.14	3299	9.7	3.3
SW-1	8/5/14	<20	310	130	110	<0.1	5.3	8.2	1180	18.52	3.3
SW-1 (Dup)	8/5/14	<20	310	130	110	<0.1	5.3	8.2	1180	18.52	3.2
SW-1	7/28/15	<20	290	150	92	<0.1	6.9	8.24	1191	18.2	2.7
SW-1	7/25/16	<20	270	160	98	<0.1	6.3	**9.61**	1065	19.45	4.1
SW-1	7/24/18	<20	140	67	53	<0.1	2	7.78	570	20	9.5
SW-2	11/21/06	<20	270	**250**	**490**	<0.2	3.7	8.40	946	10.91	5.2
SW-2 (Dup)	11/21/06	<20	270	**250**	**490**	<0.2	3.7	8.40	946	10.91	5.2
SW-2	2/8/07	<20	120	**370**	100	<0.2	1.7	7.86	1430	4.39	6.3

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LOWRY OU2 LANDFILL SITE
FORMER LOWRY AIR FORCE BASE
DENVER, COLORADO

Sampling Location/ Well ID	Sample Date	ANIONS						FIELD PARAMETERS			
		Carbonate as CaCO3 (mg/L)	Bicarbonate as CaCO3 (mg/L)	Chloride (mg/L)	Sulfate (mg/L)	Nitrite as N (mg/L)	Nitrate as N (mg/L)	pH, Field (su)	Conductivity, Field (u-S)	Temperature, Field (Deg C)	Total Organic Carbon (mg/L)
Surface Water											
SW-2	4/20/07	<20	210	130	190	<0.1 (J)	3.0	8.31	1155	12.27	6.4
SW-2	7/24/07	<20	190	110	170	<0.1	1.8	7.95	1075	23.52	8.3
SW-2	10/31/07	<20	240	100	190	<0.1	3.5	8.01	1194	11.5	6.6
SW-2	4/29/08	<20	220	150	180	<0.1	1.9	8.81	1143	10.97	8.1
SW-2 (Dup)	4/29/08	<20	220	160	180	<0.1	2	8.81	1143	10.97	8.4
SW-2	1/21/09	<50	280	**440**	220	<0.2	4	8.07	1446	5.36	5
SW-2	7/29/09	<20	190	82	130	<0.1	1.5	8.06	906	21.79	10
SW-2	1/27/10	<20	250	**260**	230	<0.2	4	8.14	1597	4.85	5.1
SW-2	7/26/10	<20	190	130	180	<0.1	0.68	8.42	1043	27.37	15
SW-2	1/25/11	<20	270	**470**	200	<0.5	3.4	7.96	2393	3.63	6.2
SW-2	7/26/11	<20	290	150	**280**	<0.1	4.1	8.07	1329	22.63	5.2
SW-2	1/30/12	<20	260	**470**	220	<0.2	3.2	8.22	1586	5.6	6.2
SW-2	7/25/12	<20	230	120	210	<0.1	2.9	8.36	1080	23.89	8
SW-2 (Dup)	7/25/12	<20	230	120	210	<0.1	2.5	8.36	1080	23.89	7.9
SW-2	1/21/13	<20	280	**400**	190	<0.2	3.5	6.59	1895	4.57	4
SW-2	7/23/13	<20	280	140	200	<0.1	3.5	8.33	1370	25.06	4.4
SW-2 (Dup)	7/23/13	<20	270	140	230	<0.1	3.4	8.33	1370	25.06	4.7
SW-2	1/29/14	<20	270	**930**	220	<0.2	4	8.11	3645	4.76	4.2
SW-2 (Dup)	1/29/14	<20	280	**940**	220	<0.2	4.1	8.11	3645	4.76	4.1
SW-2	8/5/14	<20	240	130	180	<0.1	2.5	8.28	1270	21.01	5.8
SW-2	7/28/15	<20	250	150	190	<0.1	2.6	8.2	1251	20.4	6.9
SW-2	7/25/16	<20	230	140	170	<0.1	1.7	**9.57**	1131	21.65	11
SW-2 (Dup)	7/25/16	<20	230	130	160	<0.1	1.7	**9.57**	1131	21.65	12
SW-2	7/24/18	<20	87	49	49	<0.1	0.46	7.43	439	22.11	12
SW-3	11/21/06	<10	260	**250**	**490**	<0.2	3.6	8.46	932	10.55	5.3
SW-3	2/8/07	<20	120	**360**	99	<0.2	1.7	7.93	1423	3.98	6.5
SW-3	4/20/07	<20	230	130	180	<0.1 (J)	3.0	8.23	1158	11.28	6
SW-3	7/24/07	<20	180	110	170	<0.1	1.7	7.98	1070	23.06	8.3
SW-3	10/31/07	<20	250	100	190	<0.1	3.5	8	1201	10.97	5.3
SW-3 (Dup)	10/31/07	<20	250	100	190	<0.1	3.5	8	1201	10.97	5.3
SW-3	4/28/08	<20	210	160	180	<0.1	2	**9.03**	1208	12.43	7.4
SW-3	1/21/09	<50	290	**430**	220	<0.2	3.8	8.43	1430	5.05	4.8
SW-3 (Dup)	1/21/09	<50	290	**440**	230	<0.2	5.3	8.43	1430	5.05	5
SW-3	7/29/09	<20	190	82	130	<0.1	1.5	8.04	1031	22.45	10
SW-3 (Dup)	7/29/09	<20	190	82	130	<0.1	1.5	8.04	1031	22.45	10
SW-3	1/27/10	<20	260	**260**	230	<0.2	3.7	8.1	1587	5.04	4.4
SW-3	7/26/10	<20	190	130	180	<0.1	0.62	8.51	1043	27.47	15
SW-3	1/25/11	<20	270	**450**	190	<0.5	3.3	7.93	2333	3.94	6.2
SW-3 (Dup)	1/25/11	<20	260	**470**	200	<0.5	3.4	7.93	2333	3.94	6.1
SW-3	7/26/11	<20	290	150	**280**	<0.1	3.5	8.06	1335	23.22	5.6
SW-3	1/30/12	<20	260	**470**	220	<0.2	3.1	8.09	2292	5.51	6.3

Notes: CDPHE - Colorado Department of Public Health and Environment su - standard units Deg C - Degrees Centigrade u-S - microSiemens/cm GW - Groundwater SW - Surface Water
mg/L - milligrams per Liter (Dup) - Duplicate sample < - Below the Reporting Limit Bold - Indicates result exceeds standards. (J) - Result is an estimated value. (R) - Result is a rejected value.

TABLE 4
LABORATORY ANALYTICAL RESULTS - ANIONS, TOTAL ORGANIC CARBON, AND FIELD PARAMETERS
LOWRY OU2 LANDFILL SITE
FORMER LOWRY AIR FORCE BASE
DENVER, COLORADO

Sampling Location/ Well ID	Sample Date	ANIONS						FIELD PARAMETERS			
		Carbonate as CaCO3 (mg/L)	Bicarbonate as CaCO3 (mg/L)	Chloride (mg/L)	Sulfate (mg/L)	Nitrite as N (mg/L)	Nitrate as N (mg/L)	pH, Field (su)	Conductivity, Field (u-S)	Temperature, Field (Deg C)	Total Organic Carbon (mg/L)
Surface Water											
SW-3	7/25/12	<20	230	120	200	<0.1	2.1	8.26	1058	23.79	7.2
SW-3	1/21/13	<20	280	**390**	200	<0.2	3.2	6.69	1929	4.55	4
SW-3	7/23/13	<20	290	140	190	<0.1	3.5	8.35	1343	25.33	4.4
SW-3	1/29/14	<20	270	**950**	220	<0.2	4	8.16	3654	4.92	4
SW-3	8/5/14	<20	250	130	170	<0.1	2.4	8.29	1349	20.86	5.8
SW-3	7/28/15	<20	230	150	180	<0.1	2.4	8.35	1261	21.3	7
SW-3 (Dup)	7/28/15	<20	220	150	190	<0.1	2.4	8.35	1261	21.3	6.8
SW-3	7/25/16	<20	230	140	160	<0.1	1.7	**9.43**	1132	23.01	12
SW-3	7/24/18	<20	89	49	49	<0.1	0.47	7.5	442	22.36	12
SW-3 (Dup)	7/24/18	<20	89	52	51	<0.1	0.51	7.5	442	22.36	12
SW CDPHE Drinking Water or Domestic Use Standards (Jan 2018):		--	--	**250**	**250**	**1.0**	**10**	**6.5 - 9.0**	--	--	--

Notes: CDPHE - Colorado Department of Public Health and Environment su - standard units Deg C - Degrees Centigrade u-S - microSiemens/cm GW - Groundwater SW - Surface Water
mg/L - milligrams per Liter (Dup) - Duplicate sample < - Below the Reporting Limit Bold - Indicates result exceeds standards. (J) - Result is an estimated value. (R) - Result is a rejected value.

TABLE 5
LABORATORY ANALYTICAL RESULTS
GROSS ALPHA AND GROSS BETA
LOWRY OU2 LANDFILL SITE
FORMER LOWRY AIR FORCE BASE
DENVER, COLORADO

Sampling Location / Well ID	Sample Date	Analytical Method	Gross Alpha (pCi/L)	Gross Beta (pCi/L)
Upgradient				
BG-5	11/13/06	724R9	**40.3 +/- 6.8**	26.2 +/- 4.6
BG-5	2/7/07	724R9	**32.2 +/- 5.7**	18.1 +/- 3.6
BG-5	4/19/07	724R9	**54.7 +/- 9.4**	39.3 +/- 6.8
BG-5	7/23/07	724R9	**36.1 +/- 6.3**	18.9 +/- 3.9
BG-5	10/30/07	724R10	**32.3 +/- 5.8**	13.9 +/- 3.2
BG-5 (Dup)	10/30/07	724R10	**49.9 +/- 8.6**	20.4 +/- 3.9
BG-5	1/31/08	724R10	**54.3 +/- 9.2**	22.6 +/- 4.1
BG-5	5/1/08	724R10	**33.5 +/- 5.9**	11.8 +/- 2.7
BG-5	7/28/08	724R10	**26.3 +/- 4.7**	13.5 +/- 2.9
BG-5	1/21/09	724R10	**25.9 +/- 4.9**	13.9 +/- 3
BG-5	7/28/09	724R10	**28.6 +/- 5.2**	9.9 +/- 2.6
BG-5	1/27/10	724R10	**35.7 +/- 6.4**	18.5 +/- 3.7
BG-5	7/26/10	724R10	**27.9 +/- 5.4**	21.9 +/- 4.5
BG-5 (Dup)	7/26/10	724R10	**30.7 +/- 5.7**	24 +/- 4.8
BG-5	1/25/11	724R11	**34.1 +/- 6.1**	18.8 +/- 3.7
BG-5	7/26/11	724R11	**21.1 +/- 3.9**	16.6 +/- 3.5
BG-5	1/30/12	724R11	**34.9 +/- 6.2**	11.9 +/- 3
BG-5	7/25/12	724R11	**25.3 +/- 4.9**	11.9 +/- 3.4
BG-5 (Dup)	7/25/12	724R11	**21.1 +/- 4.3**	12.5 +/- 3.1
BG-5	1/21/13	724R11	**30.5 +/- 5.7**	13.8 +/- 3.3
BG-5 (Dup)	1/21/13	724R11	**25.3 +/- 4.9**	14.5 +/- 3.3
BG-5	7/23/13	724R11	**26.8 +/- 5.3**	18.6 +/- 3.6
BG-5	1/29/14	724R11	**24 +/- 4.5**	15 +/- 3
BG-5	8/5/14	724R11	**31.1 +/- 5.9**	9.4 +/- 2.6
BG-5	7/28/15	724R11	**17.7 +/- 3.7**	16.4 +/- 3.5
BG-5 (Dup)	7/28/15	724R11	**17.7 +/- 3.7**	17.4 +/- 3.5
BG-5	7/25/16	724R11	**16.9 +/- 3.4**	20.7 +/- 3.8
BG-5	7/24/18	724R13	**32.3 +/- 6.4**	15.5 +/- 4.2
BG-6	11/13/06	724R9	11.8 +/- 2.9	5.6 +/- 2
BG-6	2/7/07	724R9	11.2 +/- 2.8	4.4 +/- 1.7
BG-6 (Dup)	2/7/07	724R9	11.2 +/- 2.8	5.5 +/- 1.9
BG-6	4/20/07	724R9	9.6 +/- 1.9	6.3 +/- 1.4
BG-6	7/23/07	724R9	12.9 +/- 2.7	4.1 +/- 1.9
BG-6	10/30/07	724R10	9.9 +/- 2.5	<3.4 +/- 1.9 (U)
BG-6	1/30/08	724R10	9.7 +/- 1.9	5.2 +/- 1.3
BG-6	4/28/08	724R10	9.3 +/- 1.8	<3.9 +/- 1.1
BG-6	7/28/08	724R10	9.9 +/- 2.3	<3.5 +/- 1.4
BG-6	1/21/09	724R10	7.4 +/- 2	<3 +/- 1.5

Notes: Results are displayed as the Result +/- 2 s TPU (2 standard deviations - Total Propagated Uncertainty, equivalent to 95% Confidence interval). Results are shown in bold if the result exceeds the standard.
CDPHE - Colorado Department of Public Health and Environment
pCi/L - picoCuries per Liter (Dup) - Duplicate sample < - Below the Reporting Limit
(U) - Undetected (J) - Result is an estimated value.

TABLE 5
LABORATORY ANALYTICAL RESULTS
GROSS ALPHA AND GROSS BETA
LOWRY OU2 LANDFILL SITE
FORMER LOWRY AIR FORCE BASE
DENVER, COLORADO

Sampling Location / Well ID	Sample Date	Analytical Method	Gross Alpha (pCi/L)	Gross Beta (pCi/L)
Upgradient				
BG-6	7/28/09	724R10	9.3 +/- 2.3	<2.9 +/- 1.7
BG-6	1/27/10	724R10	14.2 +/- 2.8	9.0 +/- 1.9
BG-6	7/26/10	724R10	9.2 +/- 2.3	3.8 +/- 1.9
BG-6	1/25/11	724R11	12.7 +/- 3.3	6.3 +/- 2.2
BG-6	7/26/11	724R11	9.6 +/- 2.2	5.5 +/- 1.8
BG-6	1/30/12	724R11	7.1 +/- 2.3	2.1 +/- 1.7
BG-6	7/25/12	724R11	10.2 +/- 2	3.7 +/- 1.3
BG-6	1/21/13	724R11	7.6 +/- 1.7	3.3 +/- 1.3
BG-6	7/23/13	724R11	10.4 +/- 2.2	5.9 +/- 1.6
BG-6 (Dup)	7/23/13	724R11	9.4 +/- 2	5.1 +/- 1.5
BG-6	1/29/14	724R11	11.9 +/- 2.6	3.6 +/- 1.3
BG-6 (Dup)	1/29/14	724R11	13.3 +/- 2.5	5.1 +/- 1.3
BG-6	8/5/14	724R11	9.7 +/- 1.9	3.01 +/- 0.9
BG-6 (Dup)	8/5/14	724R11	11.5 +/- 2.2	2.6 +/- 1
BG-6	7/28/15	724R11	12.8 +/- 3.2	6 +/- 1.9
BG-6	7/25/16	724R11	**22.9 +/- 4.6**	14.1 +/- 2.7
BG-6	7/24/18	724R13	**22.5 +/- 4.1**	10.1 +/- 2.2
LFPOC09	11/13/06	724R9	**35.3 +/- 6.5**	12.0 +/- 2.8
LFPOC09	2/8/07	724R9	**37.1 +/- 6.7**	14.9 +/- 3.1
LFPOC09	4/19/07	724R9	**41.7 +/- 7.3 (J)**	18.4 +/- 3.5
LFPOC09	7/23/07	724R9	**47.9 +/- 8.2**	14.1 +/- 3.1
LFPOC09	10/31/07	724R10	**36.7 +/- 6.5**	12.2 +/- 2.6
LFPOC09	1/30/08	724R10	**37.7 +/- 6.4**	10.9 +/- 2.3
LFPOC09	4/28/08	724R10	**37.3 +/- 6.4**	10.9 +/- 2.3
LFPOC09	7/28/08	724R10	**34.5 +/- 6.2**	8.2 +/- 2.3
LFPOC09	1/21/09	724R10	**35.5 +/- 6.3**	11.6 +/- 2.6
LFPOC09	7/28/09	724R10	**31.6 +/- 5.6**	5.2 +/- 2
LFPOC09	1/27/10	724R10	**44 +/- 7.9**	19.2 +/- 3.8
LFPOC09	7/26/10	724R10	**37.6 +/- 6.5**	18.6 +/- 3.7
LFPOC09	1/25/11	724R11	**34.4 +/- 6.2**	10 +/- 2.4
LFPOC09 (Dup)	1/25/11	724R11	**35.5 +/- 6.4**	10.9 +/- 2.5
LFPOC09	7/26/11	724R11	**25.7 +/- 5**	14.3 +/- 3.1
LFPOC09 (Dup)	7/26/11	724R11	**28.6 +/- 5.3**	11.7 +/- 2.7
LFPOC09	1/30/12	724R11	**32.4 +/- 6**	15.3 +/- 3.3
LFPOC09 (Dup)	1/30/12	724R11	**37.3 +/- 6.7**	12.7 +/- 2.7
LFPOC09	7/25/12	724R11	**29.6 +/- 5.2**	9.7 +/- 2.4
LFPOC09	1/21/13	724R11	**29.9 +/- 5.2**	7.1 +/- 1.8
LFPOC09	7/23/13	724R11	**25.9 +/- 4.7**	11.4 +/- 2.4

Notes: Results are displayed as the Result +/- 2 s TPU (2 standard deviations - Total Propagated Uncertainty, equivalent to 95% Confidence interval). Results are shown in bold if the result exceeds the standard.
CDPHE - Colorado Department of Public Health and Environment
pCi/L - picoCuries per Liter (Dup) - Duplicate sample < - Below the Reporting Limit
(U) - Undetected (J) - Result is an estimated value.

TABLE 5
LABORATORY ANALYTICAL RESULTS
GROSS ALPHA AND GROSS BETA
LOWRY OU2 LANDFILL SITE
FORMER LOWRY AIR FORCE BASE
DENVER, COLORADO

Sampling Location / Well ID	Sample Date	Analytical Method	Gross Alpha (pCi/L)	Gross Beta (pCi/L)
Upgradient				
LFPOC09	1/29/14	724R11	**21.3 +/- 3.8**	9.4 +/- 1.9
LFPOC09	8/5/14	724R11	**28.7 +/- 5.1**	5.1 +/- 1.4
LFPOC09	7/28/15	724R11	**34.3 +/- 6.7**	15.1 +/- 3.4
LFPOC09	7/25/16	724R11	**30.2 +/- 5.9**	6.9 +/- 1.8
LFPOC09 (Dup)	7/25/16	724R11	**45.0 +/-8.2**	9.6 +/- 2.1
LFPOC09	7/24/18	724R13	**43.9 +/- 7.7**	12 +/- 3.1
LFPOC09 (Dup)	7/24/18	724R13	**42.3 +/- 7.4**	15.2 +/- 3.4
Downgradient				
LFPOC07	11/13/06	724R9	**23.0 +/- 4.3**	9.2 +/- 2.1
LFPOC07	2/8/07	724R9	**21.0 +/- 4.1**	7.5 +/- 2.1
LFPOC07	4/19/07	724R9	**23.7 +/- 4.4**	10.8 +/- 2.3
LFPOC07	7/23/07	724R9	**27.8 +/- 4.9**	9.8 +/- 2.5
LFPOC07	12/19/07	724R10	**23.9 +/- 4.2**	9.3 +/- 2.1
LFPOC07	1/30/08	724R10	**20 +/- 3.6**	4.8 +/- 1.4
LFPOC07	4/28/08	724R10	**21.4 +/- 3.9**	6.9 +/- 1.7
LFPOC07	7/28/08	724R10	**25.3 +/- 4.7**	8.7 +/- 2.3
LFPOC07	1/21/09	724R10	**18.8 +/- 4.2**	4 +/- 1.9
LFPOC07	7/28/09	724R10	**17.3 +/- 3.3**	7.7 +/- 2.1
LFPOC07 (Dup)	7/28/09	724R10	**15 +/- 3.3**	6 +/- 2
LFPOC07	1/27/10	724R10	**18.3 +/- 3.5**	11.6 +/- 2.4
LFPOC07	7/26/10	724R10	**16.3 +/- 3.2**	8 +/- 2.2
LFPOC07	1/25/11	724R11	**22.4 +/- 4.4**	6 +/- 2
LFPOC07	7/26/11	724R11	**15.8 +/- 3.4**	9.2 +/- 2.5
LFPOC07	1/30/12	724R11	**20.4 +/- 4.1**	6.7 +/- 2.1
LFPOC07	7/25/12	724R11	**16.6 +/- 3.2**	9 +/- 2.2
LFPOC07	1/21/13	724R11	**16.8 +/- 3.3**	5 +/- 1.7
LFPOC07	7/23/13	724R11	14.3 +/- 2.9	8.9 +/- 2.1
LFPOC07	1/29/14	724R11	**16.2 +/- 3.3**	5.9 +/- 1.6
LFPOC07	8/5/14	724R11	10.4 +/- 2.3	3.5 +/- 2.1
LFPOC07	7/29/15	724R11	**24.5 +/- 5.2**	11.3 +/- 2.6
LFPOC07	7/25/16	724R11	**23.4 +/- 4.5**	8.8 +/- 1.8
LFPOC07	7/24/18	724R13	**23.9 +/- 4.6**	10.3 +/- 2.9
LFPOC08	11/13/06	724R9	**53.6 +/- 9.3**	21.0 +/- 4.1
LFPOC08	2/7/07	724R9	**49.5 +/- 8.6**	15.3 +/- 3.2
LFPOC08	4/19/07	724R9	**68 +/- 11**	26.2 +/- 4.8
LFPOC08	7/23/07	724R9	**60.8 +/- 10**	23.2 +/- 4.5
LFPOC08	10/30/07	724R10	**48.8 +/- 8.4**	16.3 +/- 3.3

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pCi/L - picoCuries per Liter (Dup) - Duplicate sample < - Below the Reporting Limit
(U) - Undetected (J) - Result is an estimated value.

TABLE 5
LABORATORY ANALYTICAL RESULTS
GROSS ALPHA AND GROSS BETA
LOWRY OU2 LANDFILL SITE
FORMER LOWRY AIR FORCE BASE
DENVER, COLORADO

Sampling Location / Well ID	Sample Date	Analytical Method	Gross Alpha (pCi/L)	Gross Beta (pCi/L)
Downgradient				
LFPOC08	1/30/08	724R10	**64 +/- 11**	14.9 +/- 3
LFPOC08	4/28/08	724R10	**60.8 +/- 10**	14.9 +/- 2.9
LFPOC08 (Dup)	4/28/08	724R10	**62.1 +/- 10**	18.7 +/- 3.7
LFPOC08	7/28/08	724R10	**40.9 +/- 7.2**	16.1 +/- 3.4
LFPOC08	1/21/09	724R10	**58.3 +/- 10**	17.5 +/- 3.7
LFPOC08	7/28/09	724R10	**52.3 +/- 9**	7.9 +/- 2.3
LFPOC08	1/27/10	724R10	**63 +/- 11**	15.2 +/- 3.2
LFPOC08	7/26/10	724R10	**53 +/- 9.1**	24 +/- 4.5
LFPOC08	1/25/11	724R11	**50.1 +/- 8.9**	13.4 +/- 3
LFPOC08	7/26/11	724R11	**46.4 +/- 8.2**	22.7 +/- 4.4
LFPOC08	1/30/12	724R11	**38.2 +/- 7.1**	14.9 +/- 3.3
LFPOC08	7/25/12	724R11	**47.6 +/- 8.1**	16.4 +/- 3.2
LFPOC08	1/21/13	724R11	**48 +/- 8.2**	9.8 +/- 2.4
LFPOC08	7/23/13	724R11	**49.3 +/- 8.5**	20.8 +/- 3.9
LFPOC08	1/29/14	724R11	**56.1 +/- 9.4**	8.7 +/- 2.2
LFPOC08	8/5/14	724R11	**52.7 +/- 8.9**	7.6 +/- 2.2
LFPOC08	7/28/15	724R11	**63 +/- 11**	19.8 +/- 4.1
LFPOC08	7/25/16	724R11	**80 +/- 13**	16.7 +/- 3.1
LFPOC08	7/24/18	724R13	**52.5 +/- 9.3**	21.6 +/- 4.6
LFPOC10	11/13/06	724R9	**47.3 +/- 8.3**	14.3 +/- 3.1
LFPOC10	2/7/07	724R9	**52 +/- 9**	22.9 +/- 4.3
LFPOC10	4/19/07	724R9	**60.2 +/- 10**	28.3 +/- 5
LFPOC10	7/23/07	724R9	**80 +/- 13**	21.2 +/- 4.1
LFPOC10	10/30/07	724R10	**67 +/- 11**	18.3 +/- 3.6
LFPOC10	1/30/08	724R10	**58.2 +/- 9.7**	13.2 +/- 2.7
LFPOC10 (Dup)	1/30/08	724R10	**57.6 +/- 9.6**	12.3 +/- 2.7
LFPOC10	5/1/08	724R10	**53 +/- 9**	14.4 +/- 2.9
LFPOC10	7/28/08	724R10	**62.7 +/- 10**	15.6 +/- 3.1
LFPOC10	1/21/09	724R10	**57.4 +/- 9.8**	13 +/- 2.8
LFPOC10	7/28/09	724R10	**52.6 +/- 9**	5.9 +/- 2.1
LFPOC10	1/27/10	724R10	**50.6 +/- 9.0**	12.6 +/- 2.9
LFPOC10 (Dup)	1/27/10	724R10	**51.1 +/- 9.1**	14.9 +/- 3.3
LFPOC10	7/26/10	724R10	**49 +/- 8.4**	24.8 +/- 4.4
LFPOC10	1/25/11	724R11	**42.3 +/- 7.6**	14.9 +/- 3.2
LFPOC10	7/26/11	724R11	**40.9 +/- 7.4**	21.4 +/- 4.2
LFPOC10	1/30/12	724R11	**48.8 +/- 8.8**	15.6 +/- 3.3
LFPOC10	7/25/12	724R11	**48.1 +/- 8.2**	15 +/- 3
LFPOC10	1/21/13	724R11	**50.1 +/- 8.5**	10.1 +/- 2.3

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CDPHE - Colorado Department of Public Health and Environment
pCi/L - picoCuries per Liter (Dup) - Duplicate sample < - Below the Reporting Limit
(U) - Undetected (J) - Result is an estimated value.

TABLE 5
LABORATORY ANALYTICAL RESULTS
GROSS ALPHA AND GROSS BETA
LOWRY OU2 LANDFILL SITE
FORMER LOWRY AIR FORCE BASE
DENVER, COLORADO

Sampling Location / Well ID	Sample Date	Analytical Method	Gross Alpha (pCi/L)	Gross Beta (pCi/L)
Downgradient				
LFPOC10	7/23/13	724R11	**47.1 +/- 8.2**	18.2 +/- 3.5
LFPOC10	1/29/14	724R11	**42.2 +/- 7.1**	7.8 +/- 1.8
LFPOC10	8/5/14	724R11	**45.5 +/- 7.6**	5.6 +/- 1.8
LFPOC10	7/28/15	724R11	**56 +/- 10**	19.4 +/- 3.9
LFPOC10	7/25/16	724R11	**53.1 +/- 9.1**	12.3 +/- 2.4
LFPOC10	7/24/18	724R13	**64 +/- 11**	20.9 +/- 4.5
LFPOC11	11/13/06	724R9	**42.1 +/- 7.2**	25.0 +/- 4.4
LFPOC11	2/7/07	724R9	**51.5 +/- 8.8**	19.2 +/- 3.6
LFPOC11	4/19/07	724R9	**44.3 +/- 7.9**	21.6 +/- 4.1
LFPOC11	7/23/07	724R9	**56.2 +/- 9.5**	20.1 +/- 4
LFPOC11	10/30/07	724R10	**48.7 +/- 8.3**	18.5 +/- 3.7
LFPOC11	1/30/08	724R10	**53.2 +/- 9.2**	11.9 +/- 2.9
LFPOC11	4/28/08	724R10	**47.4 +/- 8.1**	12.8 +/- 2.8
LFPOC11	7/28/08	724R10	**49.8 +/- 8.4**	15.4 +/- 3.1
LFPOC11	1/21/09	724R10	**50.9 +/- 8.9**	12.2 +/- 2.9
LFPOC11 (Dup)	1/21/09	724R10	**47.5 +/- 8.4**	12 +/- 2.9
LFPOC11	7/28/09	724R10	**36 +/- 6.3**	6 +/- 2.4
LFPOC11	1/27/10	724R10	**48.5 +/- 8.4**	12.0 +/- 3.0
LFPOC11	7/26/10	724R10	**47 +/- 8.1**	25.9 +/- 4.8
LFPOC11	1/25/11	724R11	**47.5 +/- 8.1**	15.5 +/- 3.1
LFPOC11	7/26/11	724R11	**43.2 +/- 7.6**	21.3 +/- 4.2
LFPOC11	1/30/12	724R11	**49.6 +/- 8.5**	14.2 +/- 3.2
LFPOC11	7/25/12	724R11	**48.3 +/- 8.3**	15.4 +/- 3.4
LFPOC11	1/21/13	724R11	**52.7 +/- 9.1**	11.7 +/- 3.1
LFPOC11	7/23/13	724R11	**42.8 +/- 7.8**	21.3 +/- 4.3
LFPOC11	1/29/14	724R11	**44.7 +/- 7.9**	9 +/- 2.3
LFPOC11	8/5/14	724R11	**39.6 +/- 6.8**	9.3 +/- 2.6
LFPOC11	7/28/15	724R11	**50.1 +/- 8.6**	19 +/- 3.6
LFPOC11	7/25/16	724R11	**50.5 +/- 8.7**	12.1 +/- 2.7
LFPOC11	7/24/18	724R13	**68 +/- 12**	20 +/- 4.4
LFPOC12	11/13/06	724R9	13.4 +/- 2.7	8.4 +/- 2.1
LFPOC12	2/8/07	724R9	9.3 +/- 2.1	7.3 +/- 2.0
LFPOC12	4/19/07	724R9	11.8 +/- 2.7	6.4 +/- 2
LFPOC12 (Dup)	4/19/07	724R9	11.4 +/- 2.5	6.7 +/- 2
LFPOC12	7/23/07	724R9	12.9 +/- 2.7	6 +/- 2.4
LFPOC12 (Dup)	7/23/07	724R9	13.3 +/- 2.8	5.8 +/- 2.5
LFPOC12	10/30/07	724R10	11.9 +/- 2.6	5.8 +/- 2.3
LFPOC12	1/30/08	724R10	13.7 +/- 2.7	4.8 +/- 1.9

Notes: Results are displayed as the Result +/- 2 s TPU (2 standard deviations - Total Propagated Uncertainty, equivalent to 95% Confidence interval). Results are shown in bold if the result exceeds the standard.
CDPHE - Colorado Department of Public Health and Environment
pCi/L - picoCuries per Liter (Dup) - Duplicate sample < - Below the Reporting Limit
(U) - Undetected (J) - Result is an estimated value.

TABLE 5
LABORATORY ANALYTICAL RESULTS
GROSS ALPHA AND GROSS BETA
LOWRY OU2 LANDFILL SITE
FORMER LOWRY AIR FORCE BASE
DENVER, COLORADO

Sampling Location / Well ID	Sample Date	Analytical Method	Gross Alpha (pCi/L)	Gross Beta (pCi/L)
Downgradient				
LFPOC12	4/28/08	724R10	12.3 +/- 2.6	4.6 +/- 1.9
LFPOC12	7/28/08	724R10	10.8 +/- 2.2	4.8 +/- 1.9
LFPOC12	1/21/09	724R10	12.8 +/- 2.9	5.9 +/- 2.1
LFPOC12	7/28/09	724R10	12.4 +/- 2.7	<2.2 +/- 2
LFPOC12	1/27/10	724R10	12.3 +/- 2.9	10.1 +/-2.6
LFPOC12	7/26/10	724R10	11.7 +/- 2.7	12.6 +/- 3.1
LFPOC12	1/25/11	724R11	13.1 +/- 2.8	10 +/- 2.5
LFPOC12	7/26/11	724R11	11.2 +/- 2.4	9.5 +/- 2.5
LFPOC12	1/30/12	724R11	11.9 +/- 2.6	4.8 +/- 2
LFPOC12	7/25/12	724R11	8.7 +/- 2.2	6.2 +/- 2.2
LFPOC12	1/21/13	724R11	**15.8 +/- 3.4**	4 +/- 2.3
LFPOC12	7/23/13	724R11	9.8 +/- 2.6	6.9 +/- 2.3
LFPOC12	1/29/14	724R11	14.6 +/- 3	3.8 +/- 1.9
LFPOC12	8/5/14	724R11	11.2 +/- 2.6	4.3 +/- 1.8
LFPOC12	7/28/15	724R11	**15.4 +/- 3.2**	8 +/- 2.2
LFPOC12	7/26/16	724R11	**15.4 +/- 3.1**	3.8 +/- 1.3
LFPOC12	7/24/18	724R13	**21.1 +/- 4.5**	10.1 +/- 3.6
LFPOC13	11/13/06	724R9	**66 +/- 11**	40.5 +/- 6.9
LFPOC13	2/7/07	724R9	**77 +/- 13**	22.5 +/- 4.2
LFPOC13	4/20/07	724R9	**51.9 +/- 9**	30.9 +/- 5.4
LFPOC13	9/27/07	724R10	**70 +/- 12**	36 +/- 6.3
LFPOC13	10/31/07	724R10	**90 +/- 15**	17.2 +/- 3.5
LFPOC13	1/31/08	724R10	**65 +/- 11**	15.8 +/- 3
LFPOC13	4/28/08	724R10	**63 +/- 11**	15.4 +/- 3.1
LFPOC13	7/28/08	724R10	**75 +/- 12**	16.6 +/- 3.3
LZ-13	11/13/06	724R9	**17.6 +/- 3.4**	9.0 +/- 2.1
LZ-13	2/8/07	724R9	**20.2 +/- 3.9**	7.6 +/- 2
LZ-13	4/19/07	724R9	**35.2 +/- 6.3**	13.5 +/- 2.8
LZ-13	7/23/07	724R9	**25.1 +/- 4.5**	10.6 +/- 2.7
LZ-13	10/30/07	724R10	**23.7 +/- 4.5**	6.7 +/- 2
LZ-13	1/30/08	724R10	**26.2 +/- 4.6**	6.4 +/- 1.7
LZ-13	4/28/08	724R10	**23.1 +/- 4.3**	7.6 +/- 2
LZ-13	7/28/08	724R10	**23.7 +/- 4.9**	7.2 +/- 2.2
LZ-13	1/21/09	724R10	**27.6 +/- 5**	5.7 +/- 1.9
LZ-13	7/28/09	724R10	**18.6 +/- 3.5**	<2.9 +/- 1.7
LZ-13	1/27/10	724R10	**17.1 +/-3.3**	10.5 +/- 2.3
LZ-13	7/26/10	724R10	**16.4 +/- 3.1**	9.4 +/- 2.2
LZ-13	1/25/11	724R11	**26.1 +/- 5.1**	6.4 +/- 2.2

Notes: Results are displayed as the Result +/- 2 s TPU (2 standard deviations - Total Propagated Uncertainty, equivalent to 95% Confidence interval). Results are shown in bold if the result exceeds the standard.
CDPHE - Colorado Department of Public Health and Environment
pCi/L - picoCuries per Liter (Dup) - Duplicate sample < - Below the Reporting Limit
(U) - Undetected (J) - Result is an estimated value.

TABLE 5
LABORATORY ANALYTICAL RESULTS
GROSS ALPHA AND GROSS BETA
LOWRY OU2 LANDFILL SITE
FORMER LOWRY AIR FORCE BASE
DENVER, COLORADO

Sampling Location / Well ID	Sample Date	Analytical Method	Gross Alpha (pCi/L)	Gross Beta (pCi/L)
Downgradient				
LZ-13	7/26/11	724R11	**17.3 +/- 3.7**	11 +/- 2.7
LZ-13	1/30/12	724R11	**22.6 +/- 4.5**	6.3 +/- 2.2
LZ-13	7/25/12	724R11	**17.4 +/- 3.3**	6.1 +/- 1.9
LZ-13	1/21/13	724R11	**20.7 +/- 3.9**	5.9 +/- 1.9
LZ-13	7/23/13	724R11	**17.5 +/- 3.4**	8.5 +/- 2
LZ-13	1/29/14	724R11	**22.1 +/- 4**	4.4 +/- 1.5
LZ-13	8/5/14	724R11	9.2 +/- 2.4	4 +/- 2.1
LZ-13	7/29/15	724R11	**20.3 +/- 4.4**	8.8 +/- 2.5
LZ-13	7/25/16	724R11	**28.5 +/- 5.3**	6.7 +/- 1.5
LZ-13	7/24/18	724R13	**22.7 +/- 4.5**	7.6 +/- 2.6
	GW CDPHE Standards (Dec 2016):		**15**	**--**
Surface Water				
SW-1	11/21/06	724R9	7.4 +/- 2.1	4.3 +/- 2
SW-1	2/8/07	724R9	5.2 +/- 1.5	8.5 +/- 2.2
SW-1 (Dup)	2/8/07	724R9	4.0 + /- 1.3	5.9 +/- 2.3
SW-1	4/20/07	724R9	8.6 +/- 1.9	7.0 +/- 1.9
SW-1 (Dup)	4/20/07	724R9	8.8 +/- 2	6.1 +/- 1.8
SW-1	7/24/07	724R9	5.3 +/- 1.9	7.9 +/- 2.5
SW-1 (Dup)	7/24/07	724R9	7.1 +/- 1.6	5 +/- 1.7
SW-1	10/31/07	724R10	5.3 +/- 1.5	5.1 +/- 1.7
SW-1	4/28/08	724R10	5.8 +/- 1.5	3.8 +/- 1.7
SW-1	1/21/09	724R10	9 +/- 2.3	16.1 +/- 3.5
SW-1	7/29/09	724R10	5.9 +/- 1.7	4.5 +/- 1.8
SW-1	1/27/10	724R10	6.8 +/- 1.7	6.5 +/-1.9
SW-1 (Dup)	1/27/10	724R10	5.9 +/- 1.7	7.0 +/- 1.9
SW-1	7/26/10	724R10	7 +/- 1.6	5.2 +/- 1.7
SW-1 (Dup)	7/26/10	724R10	5.5 +/- 1.7	5.3 +/- 2.0
SW-1	1/25/11	724R11	6.3 +/- 1.8	4.4 +/- 1.7
SW-1	7/26/11	724R11	7.5 +/- 2.2	7.8 +/- 2.3
SW-1 (Dup)	7/26/11	724R11	5.1 +/- 1.8	5.7 +/- 2
SW-1	1/30/12	724R11	6.1 +/- 1.6	5.1 +/- 1.9
SW-1 (Dup)	1/30/12	724R11	6.2 +/- 1.6	3.7 +/- 1.9
SW-1	7/25/12	724R11	4.2 +/- 1.3	5.1 +/- 1.6
SW-1	1/21/13	724R11	6.3 +/- 1.7	2.3 +/- 1.6
SW-1 (Dup)	1/21/13	724R11	6.3 +/- 1.8	3.4 +/- 1.6
SW-1	7/23/13	724R11	4.9 +/- 1.7	5.2 +/- 1.7
SW-1	1/29/14	724R11	5.2 +/- 1.8	5.7 +/- 2

Notes: Results are displayed as the Result +/- 2 s TPU (2 standard deviations - Total Propagated Uncertainty, equivalent to 95% Confidence interval). Results are shown in bold if the result exceeds the standard.
CDPHE - Colorado Department of Public Health and Environment
pCi/L - picoCuries per Liter (Dup) - Duplicate sample < - Below the Reporting Limit
(U) - Undetected (J) - Result is an estimated value.

TABLE 5
LABORATORY ANALYTICAL RESULTS
GROSS ALPHA AND GROSS BETA
LOWRY OU2 LANDFILL SITE
FORMER LOWRY AIR FORCE BASE
DENVER, COLORADO

Sampling Location / Well ID	Sample Date	Analytical Method	Gross Alpha (pCi/L)	Gross Beta (pCi/L)
Surface Water				
SW-1	8/5/14	724R11	6.5 +/- 1.9	5.3 +/- 1.6
SW-1 (Dup)	8/5/14	724R11	6 +/- 1.6	5.5 +/- 1.7
SW-1	7/28/15	724R11	7.7 +/- 2.4	4.6 +/- 2
SW-1	7/25/16	724R11	6.0 +/- 1.8	4.3 +/- 1.4
SW-1	7/24/18	724R13	2.7 +/- 1.2	5.7 +/- 1.8
SW-2	11/21/06	724R9	**15.3 +/- 3**	6.2 +/- 1.9
SW-2 (Dup)	11/21/06	724R9	11.1 +/- 2.4	6.7 +/- 1.9
SW-2	2/8/07	724R9	6.9 +/- 1.8 (J)	9.8 +/- 2.4
SW-2	4/20/07	724R9	12.6 +/- 2.7	8.0 +/- 2.1
SW-2	7/24/07	724R9	8.3 +/- 2.1	8.1 +/- 2.5
SW-2	10/31/07	724R10	9.3 +/- 2.2	6.4 +/- 1.9
SW-2	4/29/08	724R10	12.9 +/- 2.7	6.9 +/- 2
SW-2 (Dup)	4/29/08	724R10	13.8 +/- 2.8	7.2 +/- 2
SW-2	1/21/09	724R10	13 +/- 3.1	8.1 +/- 2.9
SW-2	7/29/09	724R10	7.9 +/- 2.2	4.8 +/- 2
SW-2	1/27/10	724R10	**15.1 +/- 3.2**	13.4 +/- 2.9
SW-2	7/26/10	724R10	7 +/- 1.7	7.3 +/- 1.9
SW-2	1/25/11	724R11	8.6 +/- 2.5	5 +/- 2.7
SW-2	7/26/11	724R11	**16.1 +/- 3.2**	12 +/- 2.9
SW-2	1/30/12	724R11	9.8 +/- 2.6	7.5 +/- 3
SW-2	7/25/12	724R11	8 +/- 2.1	8.4 +/- 2.3
SW-2 (Dup)	7/25/12	724R11	9.3 +/- 2.3	5.9 +/- 2.2
SW-2	1/21/13	724R11	10.2 +/- 3.1	7 +/- 2.8
SW-2	7/23/13	724R11	14 +/- 2.9	7.3 +/- 2
SW-2 (Dup)	7/23/13	724R11	10.7 +/- 2.7	5.3 +/- 2.3
SW-2	1/29/14	724R11	7.6 +/- 7.6	6 +/- 13
SW-2 (Dup)	1/29/14	724R11	12.6 +/- 8	-16 +/- 13
SW-2	8/5/14	724R11	9.3 +/- 2.2	6.6 +/- 1.7
SW-2	7/28/15	724R11	10.7 +/- 2.3	9 +/- 2.3
SW-2	7/25/16	724R11	7.8 +/- 2.4	5.7 +/- 1.5
SW-2 (Dup)	7/25/16	724R11	9.8 +/- 2.6	5.7 +/- 1.5
SW-2	7/24/18	724R13	2.37 +/- 0.89	4.5 +/- 1.3
SW-3	11/21/06	724R9	**16.4 +/- 3.2**	7.8 +/- 2.3
SW-3	2/8/07	724R9	6.3 +/- 1.6	10.7 +/- 2.5
SW-3	4/20/07	724R9	10.1 +/- 2.3	8.2 +/- 2
SW-3	7/24/07	724R9	7.7 +/- 1.9	7.2 +/- 2.3
SW-3	10/31/07	724R10	14.4 +/- 2.9	6.2 +/- 1.9
SW-3 (Dup)	10/31/07	724R10	10.8 +/- 2.4	5.4 +/- 1.9

Notes: Results are displayed as the Result +/- 2 s TPU (2 standard deviations - Total Propagated Uncertainty, equivalent to 95% Confidence interval). Results are shown in bold if the result exceeds the standard.
CDPHE - Colorado Department of Public Health and Environment
pCi/L - picoCuries per Liter (Dup) - Duplicate sample < - Below the Reporting Limit
(U) - Undetected (J) - Result is an estimated value.

TABLE 5
LABORATORY ANALYTICAL RESULTS
GROSS ALPHA AND GROSS BETA
LOWRY OU2 LANDFILL SITE
FORMER LOWRY AIR FORCE BASE
DENVER, COLORADO

Sampling Location / Well ID	Sample Date	Analytical Method	Gross Alpha (pCi/L)	Gross Beta (pCi/L)
Surface Water				
SW-3	4/28/08	724R10	12.2 +/- 2.6	5.6 +/- 2
SW-3	1/21/09	724R10	**16.6 +/- 3.5**	6.4 +/- 2.8
SW-3 (Dup)	1/21/09	724R10	10.9 +/- 2.8	6.8 +/- 2.9
SW-3	7/29/09	724R10	6.5 +/- 1.9	4.8 +/- 2
SW-3 (Dup)	7/29/09	724R10	10.5 +/- 2.5	6.7 +/- 1.9
SW-3	1/27/10	724R10	**16.3 +/- 3.4**	16.2 +/- 3.4
SW-3	7/26/10	724R10	5.4 +/- 1.5	6.4 +/- 1.9
SW-3	1/25/11	724R11	13.2 +/- 3.1	11.7 +/- 3.2
SW-3 (Dup)	1/25/11	724R11	11.8 +/- 2.9	8.3 +/- 2.8
SW-3	7/26/11	724R11	**16.4 +/- 3.3**	9.4 +/- 2.7
SW-3	1/30/12	724R11	4.8 +/- 1.9	-3.1 +/- 2.6
SW-3	7/25/12	724R11	10 +/- 2.3	8.1 +/- 2.3
SW-3	1/21/13	724R11	11.3 +/- 3.1	6.3 +/- 2.8
SW-3	7/23/13	724R11	11 +/- 2.8	8.9 +/- 2.5
SW-3	1/29/14	724R11	**15.6 +/- 7.5**	-5 +/- 12
SW-3	8/5/14	724R11	12.2 +/- 2.4	4.8 +/- 1.6
SW-3	7/28/15	724R11	10.6 +/- 2.3	8.5 +/- 2.2
SW-3 (Dup)	7/28/15	724R11	12.3 +/- 3.4	8.3 +/- 2.5
SW-3	7/25/16	724R11	10.8 +/- 2.6	6.8 +/- 1.7
SW-3	7/24/18	724R13	2.5 +/- 1.5	5.8 +/- 2.2
SW-3 (Dup)	7/24/18	724R13	3.9 +/- 1.1	5.3 +/- 1.5
SW CDPHE Drinking Water or Domestic Use Standards (Jan 2018):			**15**	**--**

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CDPHE - Colorado Department of Public Health and Environment
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TABLE 6
STATISTICAL EVALUATION OF ANALYTICAL RESULTS
LOWRY OU2 LANDFILL SITE - FORMER LOWRY AIR FORCE BASE
DENVER, COLORADO

	Upgradient, all samples							Upgradient Statistics							Downgradient - 3rd Qtr 2018				
Parameter	**Units**	**Num Samp**	**Num ND**	**% ND**	**>50% ND**	**>15% ND**	**<=15% ND**	**Statistical Test of Normality**	**Distribution**	**Max Conc**	**Mean**	**Std Dev**	**UPL**	**MRL**	**Num Samp**	**Num ND**	**% ND**	**Max Conc**	**UPL test result**
Total Metals																			
Antimony, Total	mg/L	100	94	94%	x			Non Para UPL		0.013			0.013	0.02	6	6	100%	ND	FALSE
Arsenic, Total	mg/L	100	88	88%	x			Non Para UPL		0.21			0.21	0.01	6	6	100%	ND	FALSE
Barium, Total	mg/L	98	44	45%		x		Shapiro-Francia (Cohens adj)	Unknown	2.6			2.6	0.1	6	6	100%	ND	FALSE
Beryllium, Total	mg/L	100	94	94%	x			Non Para UPL		0.01			0.01	0.005	6	6	100%	ND	FALSE
Cadmium, Total	mg/L	100	96	96%	x			Non Para UPL		0.01			0.01	0.005	6	6	100%	ND	FALSE
Calcium, Total	mg/L	98	0	0%			x	Shapiro-Francia (ND = 1/2 MRL)	Unknown	270			270		6	0	0%	150	FALSE
Chromium, Total	mg/L	100	81	81%	x			Non Para UPL		0.2			0.2	0.01	6	6	100%	ND	FALSE
Cobalt, Total	mg/L	98	87	89%	x			Non Para UPL		0.086			0.086	0.01	6	6	100%	ND	FALSE
Copper, Total	mg/L	100	84	84%	x			Non Para UPL		0.16			0.16	0.01	6	6	100%	ND	FALSE
Lead, Total	mg/L	100	81	81%	x			Non Para UPL		0.35			0.35	0.004	6	6	100%	ND	FALSE
Magnesium, Total	mg/L	98	0	0%			x	Shapiro-Francia (ND = 1/2 MRL)	Unknown	94			94		6	0	0%	28	FALSE
Nickel, Total	mg/L	100	86	86%	x			Non Para UPL		0.12			0.12	0.02	6	6	100%	ND	FALSE
Potassium, Total	mg/L	98	18	18%		x		Shapiro-Francia (Cohens adj)	Unknown	31			31	1	6	0	0%	3.4	FALSE
Selenium, Total	mg/L	100	94	94%	x			Non Para UPL		0.066			0.066	0.006	6	6	100%	ND	FALSE
Silver, Total	mg/L	100	100	100%	x			1.3 x MRL		ND			0.013	0.01	6	6	100%	ND	FALSE
Sodium, Total	mg/L	98	0	0%			x	Shapiro-Francia (ND = 1/2 MRL)	Normal	130	87.7347	17.4117	141.72		6	0	0%	140	FALSE
Thallium, Total	mg/L	100	98	98%	x			Non Para UPL		0.002			0.002	0.01	6	6	100%	ND	FALSE
Vanadium, Total	mg/L	98	80	82%	x			Non Para UPL		0.31			0.31	0.01	6	6	100%	ND	FALSE
Zinc, Total	mg/L	100	71	71%	x			Non Para UPL		0.48			0.48	0.02	6	6	100%	ND	FALSE
Radionuclides																			
Gross alpha	pCi/L	69	0	0%			x	Shapiro-Francia (ND = 1/2 MRL)	Unknown	54.7			54.7		6	0	0%	68	TRUE
Gross beta	pCi/L	69	6	9%			x	Shapiro-Francia (ND = 1/2 MRL)	Unknown	39.3			39.3		6	0	0%	21.6	FALSE
Volatile Organic Compounds																			
1,1,1,2-tetrachloroethane	ug/L	69	69	100%	x			1.3 x MRL		ND			1.3	1	6	6	100%	ND	FALSE
1,1,1-Trichloroethane	ug/L	101	101	100%	x			1.3 x MRL		ND			1.3	1	6	6	100%	ND	FALSE
1,1,2,2-tetrachloroethane	ug/L	69	69	100%	x			1.3 x MRL		ND			1.3	1	6	6	100%	ND	FALSE
1,1,2-Trichloroethane	ug/L	69	69	100%	x			1.3 x MRL		ND			1.3	1	6	6	100%	ND	FALSE
1,1-Dichloroethane	ug/L	101	101	100%	x			1.3 x MRL		ND			1.3	1	6	6	100%	ND	FALSE
1,1-Dichloroethene	ug/L	69	69	100%	x			1.3 x MRL		ND			1.3	1	6	6	100%	ND	FALSE
1,2,3-Trichloropropane	ug/L	69	69	100%	x			1.3 x MRL		ND			1.3	1	6	6	100%	ND	FALSE
1,2-Dibromo-3-chloropropane	ug/L	69	69	100%	x			1.3 x MRL		ND			2.6	2	6	6	100%	ND	FALSE
1,2-Dibromoethane	ug/L	69	69	100%	x			1.3 x MRL		ND			1.3	1	6	6	100%	ND	FALSE
1,2-Dichlorobenzene	ug/L	85	85	100%	x			1.3 x MRL		ND			1.3	1	6	6	100%	ND	FALSE
1,2-Dichloroethane	ug/L	101	101	100%	x			1.3 x MRL		ND			1.3	1	6	6	100%	ND	FALSE
1,2-Dichloropropane	ug/L	101	101	100%	x			1.3 x MRL		ND			1.3	1	6	6	100%	ND	FALSE
1,4-Dichlorobenzene	ug/L	85	85	100%	x			1.3 x MRL		ND			1.3	1	6	6	100%	ND	FALSE
2-Butanone	ug/L	69	69	100%	x			1.3 x MRL		ND			13	10	6	6	100%	ND	FALSE
2-Hexanone	ug/L	69	69	100%	x			1.3 x MRL		ND			13	10	6	6	100%	ND	FALSE
4-methyl-2-pentanone	ug/L	69	69	100%	x			1.3 x MRL		ND			13	10	6	6	100%	ND	FALSE
Acetone	ug/L	94	93	99%	x			Non Para UPL		12			12	10	6	6	100%	ND	FALSE
Acrylonitrile	ug/L	9	9	100%	x			1.3 x MRL		ND			13	10	6	6	100%	ND	FALSE
Benzene	ug/L	101	99	98%	x			Non Para UPL		15			15	1	6	6	100%	ND	FALSE
Bromochloromethane	ug/L	69	69	100%	x			1.3 x MRL		ND			1.3	1	6	6	100%	ND	FALSE
Bromodichloromethane	ug/L	69	69	100%	x			1.3 x MRL		ND			1.3	1	6	6	100%	ND	FALSE
Bromoform	ug/L	69	69	100%	x			1.3 x MRL		ND			1.3	1	6	6	100%	ND	FALSE
Bromomethane	ug/L	69	69	100%	x			1.3 x MRL		ND			1.3	1	6	6	100%	ND	FALSE
Carbon Disulfide	ug/L	99	98	99%	x			Non Para UPL		5.7			5.7	1	6	6	100%	ND	FALSE
Carbon tetrachloride	ug/L	69	69	100%	x			1.3 x MRL		ND			1.3	1	6	6	100%	ND	FALSE
Chlorobenzene	ug/L	101	101	100%	x			1.3 x MRL		ND			1.3	1	6	6	100%	ND	FALSE

TABLE 6
STATISTICAL EVALUATION OF ANALYTICAL RESULTS
LOWRY OU2 LANDFILL SITE - FORMER LOWRY AIR FORCE BASE
DENVER, COLORADO

	Upgradient, all samples							Upgradient Statistics							Downgradient - 3rd Qtr 2018				
Parameter	**Units**	**Num Samp**	**Num ND**	**% ND**	**>50% ND**	**>15% ND**	**<=15% ND**	**Statistical Test of Normality**	**Distribution**	**Max Conc**	**Mean**	**Std Dev**	**UPL**	**MRL**	**Num Samp**	**Num ND**	**% ND**	**Max Conc**	**UPL test result**
Chloroethane	ug/L	69	69	100%	x			1.3 x MRL		ND			1.3	1	6	6	100%	ND	FALSE
Chloroform	ug/L	100	100	100%	x			1.3 x MRL		ND			1.3	1	6	6	100%	ND	FALSE
Chloromethane	ug/L	101	101	100%	x			1.3 x MRL		ND			1.3	1	6	6	100%	ND	FALSE
cis-1,2-dichloroethene	ug/L	99	99	100%	x			1.3 x MRL		ND			1.3	1	6	6	100%	ND	FALSE
cis-1,3-dichloropropene	ug/L	69	69	100%	x			1.3 x MRL		ND			1.3	1	6	6	100%	ND	FALSE
Dibromochloromethane	ug/L	69	69	100%	x			1.3 x MRL		ND			1.3	1	6	6	100%	ND	FALSE
Dibromomethane	ug/L	69	69	100%	x			1.3 x MRL		ND			1.3	1	6	6	100%	ND	FALSE
Ethylbenzene	ug/L	101	101	100%	x			1.3 x MRL		ND			1.3	1	6	6	100%	ND	FALSE
Iodomethane	ug/L	69	69	100%	x			1.3 x MRL		ND			1.3	1	6	6	100%	ND	FALSE
Methylene chloride	ug/L	95	88	93%	x			Non Para UPL		5.9			5.9	1	6	6	100%	ND	FALSE
Styrene	ug/L	69	69	100%	x			1.3 x MRL		ND			1.3	1	6	6	100%	ND	FALSE
Tetrachloroethene	ug/L	101	101	100%	x			1.3 x MRL		ND			1.3	1	6	6	100%	ND	FALSE
Toluene	ug/L	101	101	100%	x			1.3 x MRL		ND			1.3	1	6	6	100%	ND	FALSE
Total xylenes	ug/L	101	101	100%	x			1.3 x MRL		ND			2.6	2	6	6	100%	ND	FALSE
trans-1,2-dichloroethene	ug/L	101	101	100%	x			1.3 x MRL		ND			1.3	1	6	6	100%	ND	FALSE
trans-1,3-dichloropropene	ug/L	69	69	100%	x			1.3 x MRL		ND			1.3	1	6	6	100%	ND	FALSE
trans-1,4-dichloro-2-butene	ug/L	9	9	100%	x			1.3 x MRL		ND			2.6	2	6	6	100%	ND	FALSE
Trichloroethene	ug/L	69	69	100%	x			1.3 x MRL		ND			1.3	1	6	6	100%	ND	FALSE
Trichlorofluoromethane	ug/L	69	69	100%	x			1.3 x MRL		ND			1.3	1	6	6	100%	ND	FALSE
Vinyl acetate	ug/L	69	69	100%	x			1.3 x MRL		ND			2.6	2	6	6	100%	ND	FALSE
Vinyl chloride	ug/L	101	101	100%	x			1.3 x MRL		ND			1.3	1	6	6	100%	ND	FALSE
Field and General Water Quality Parameters																			
Bicarbonate as CaCO3	mg/L	70	0	0%			x	Shapiro-Francia (ND = 1/2 MRL)	Unknown	450			450		6	0	0%	460	TRUE
Carbonate as CaCO3	mg/L	70	70	100%	x			1.3 x MRL		ND			65	50	6	6	100%	ND	FALSE
Chloride	mg/L	73	0	0%			x	Shapiro-Francia (ND = 1/2 MRL)	Unknown	430			430		6	0	0%	170	FALSE
Cond, field	u-S	71	0	0%			x	Shapiro-Francia (ND = 1/2 MRL)	Log Normal	2052	e^(6.91363)	e^(0.35811)	3095		6	0	0%	1458	FALSE
Nitrate as N	mg/L	80	23	29%		x		Shapiro-Francia (Cohens adj)	Unknown	19			19	0.2	6	3	50%	1	FALSE
Nitrite as N	mg/L	80	79	99%	x			Non Para UPL		0.52			0.52	0.5	6	6	100%	ND	FALSE
pH, field	su	71	0	0%			x	NA - compare to range	within range	6.51 - 8.12			6.0 - 9.0		6	0	0%	6.32-6.99	FALSE
Sulfate	mg/L	70	0	0%			x	Shapiro-Francia (ND = 1/2 MRL)	Unknown	170			170		6	0	0%	130	FALSE
Total organic carbon	mg/L	69	5	7%			x	Shapiro-Francia (ND = 1/2 MRL)	Unknown	42			42		6	1	17%	1.9	FALSE

Notes:

Units: mg/L - milligrams per Liter; pCi/L - picoCuries per Liter; su - standard units; u-S - microSiemens/cm; ug/L - micrograms per Liter

MRL - method reporting limit; Num ND: number of samples with non-detects; Num Samp: number of samples; Std Dev - Standard deviation

UPL - upper prediction limit

>50%ND / >15%ND / <=15% ND: X indicates that % ND falls into the indicated range.

Max Conc - maximum reported concentration. Range of reported values is given for pH.

% ND: Num ND/Num Samp, expressed as a percentage.

ATTACHMENT 1: **ATTACHMENTS**

(PROVIDED ON CD)

ATTACHMENT 1
MONITORING WELL DEVELOPMENT/PURGE FORMS

ATTACHMENT 2
GROUNDWATER AND SURFACE WATER ANALYTICAL REPORTS

ATTACHMENT 3
DECISION LOGIC DIAGRAM

Lowry Assumption, L.L.C.

Groundwater Sampling Field Data Sheet

Well ID: BG - 5	Date: 7/24/2018	Purge Equipment: ☐ Dedicated Bladder Pump; ☐ Disposable Bailer; ■ Peristaltic Pump; ☐	Water Quality Instrumentation: ☐ QED FC5000 √; ■ Solinst Water Level Meter; √ ■ YSI 556 MPS; ☐ HACH 2100P Turbidity
Samplers: L. Schaack, G. Davis	Time: 9:20 24 Hr		Instrument Calibration: Time: 08:00 Initials: BC
Casing Diameter: 2 inches	Study Area: Lowry OU2	Sample Equipment: ☐ Dedicated Bladder Pump; ☐ Disposable Bailer; ☐ Peristaltic Pump; ☐	
Total Well Depth: 23.14 ft.btoc	Screened Interval: ft.btoc		
Initial Water Level: 13.85 ft.btoc	Pump Intake: ft.btoc	Filtration Equipment: ☐ 0.45um; ☐ Other:	Calibration Notes / Comments: Calibrated by Geotech
Saturated Thickness: 9.29 ft	Sample Interval: ft.btoc	√ ■ NA	Sampling Event: **Lowry**
Casing / WB Volume: 1.51 gal	Final Water Level: 13.89 ft.btoc	Water Level during purge (low flow): 13.96	Condition of Well, Pump, Well Vault: Good
Total Purge Volume x3		Total Purge Volume	☐ **Longterm** ☐ **Performance**

Parameter	Initial (temp)	Final (temp)	Cal Std/ Lot #/ Exp. Date
Temp °C	27.71	27.56	
pH(1st pt)	7	7	7.00
pH(2nd pt)	10	10	10.00
ORP	220	220	220mV
Conduct.	1413	1413	1413µS/cm
DO %	83.70%	83.70%	

Time 24 Hr	Casing Volume	Flow (mL/min)	Temp C / F	pH	DO mg/L	DO %	ORP	Conductivity us/cm	Turbidity NTU	Visual Description
9:28	Initial	250	18.81	7.15	0.52		-48.6	1931	NA	clear, no odor
9:29	0.044	250	18.69	7.1	0.37		-54.3	1922	NA	SAA
9:30	0.087	250	18.75	6.98	0.36		-55.1	1918	NA	SAA
9:31	0.131	250	18.95	6.42	0.47		-41.4	1912	NA	SAA
9:32	0.175	250	19.13	6.51	0.77		-43.4	1911	NA	SAA

Analytical Suite: √ VOCs; ☐ Metals ____; ☐ QA/QC ____; ☐ Other ____	Sample Description: ■ clear; ☐ cloudy; ☐ color *; ☐ odor *	Notes: * Describe color / odor: clean, no odor	Sampler Signature
Sample Time: 9:35			
H&S: Protective Level Dermal: √D C B; Respiratory: √D C B		Well Screening: PID ppm: 0	Checked By: Date:

Lowry Assumption, L.L.C.

Groundwater Sampling Field Data Sheet

Well ID: BG - 6	Date: 7/24/2018	Purge Equipment: ☐ Dedicated Bladder Pump; ☐ Disposable Bailer; ■ Peristaltic Pump; ☐	Water Quality Instrumentation: ☐ QED FC5000 √; ■ Solinst Water Level Meter; √ ■ YSI 556 MPS; ☐ HACH 2100P Turbidity
Samplers: L. Schaack, G. Davis	Time: 14:30 24 Hr		Instrument Calibration: Time: 08:00 Initials: BC
Casing Diameter: 2 inches	Study Area: Lowry OU2	Sample Equipment: ☐ Dedicated Bladder Pump; ☐ Disposable Bailer; ■ Peristaltic Pump; ☐	
Total Well Depth: 24.89 ft.btoc	Screened Interval: ft.btoc		
Initial Water Level: 12.96 ft.btoc	Pump Intake: ft.btoc	Filtration Equipment: ☐ 0.45um; ☐ Other:	Calibration Notes / Comments: Calibrated by Geotech
Saturated Thickness: 11.93 ft	Sample Interval: ft.btoc	√ ■ NA	Sampling Event: **Lowry**
			☐ **Longterm** ☐ **Performance**
Casing / WB Volume: 1.94 gal	Final Water Level: 13.07 ft.btoc	Water Level during purge (low flow): 13.09	Condition of Well, Pump, Well Vault: Good
Total Purge Volume x3		Total Purge Volume	

Parameter	Initial (temp)	Final (temp)	Cal Std/ Lot #/ Exp. Date
Temp °C	27.71	27.56	
pH(1st pt)	7	7	7.00
pH(2nd pt)	10	10	10.00
ORP	220	220	220mV
Conduct.	1413	1413	1413µS/cm
DO %	83.70%	83.70%	

Time 24 Hr	Casing Volume	Flow (mL/min)	Temp C / F	pH	DO mg/L	DO %	ORP	Conductivity us/cm	Turbidity NTU	Visual Description
14:35	Initial	250	18.23	7.53	0.59		177.8	767	NA	clear, no odor
14:36	0.034	250	18.04	7.40	0.33		191.6	754	NA	SAA
14:37	0.068	250	18.06	7.28	0.28		193.1	753	NA	SAA
14:38	0.102	250	18.57	7.18	0.28		200.1	747	NA	SAA
14:39	0.136	250	18.77	7.11	0.26		204.6	748	NA	SAA

Analytical Suite: √ VOCs; ☐ Metals; ☐ QA/QC; ☐ Other	Sample Description: ■ clear; ☐ cloudy; ☐ color *; ☐ odor *	Notes: * Describe color / odor: clean, no odor	Sampler Signature
Sample Time: 14:45			
H&S: Protective Level Dermal: √D C B; Respiratory: √D C B		Well Screening: PID ppm 0.2	Checked By: Date:

Lowry Assumption, L.L.C.

Groundwater Sampling Field Data Sheet

Well ID	Date	Purge Equipment	Water Quality Instrumentation
LFPOC-07	7/24/2018	☐ Dedicated Bladder Pump	☐ QED FC5000 √ ☐ Solinst Water Level Meter
Samplers	Time	☐ Disposable Bailer	√ ☐ YSI 556 MPS ☐ HACH 2100P Turbidity
L. Schaack	16:10 24 Hr	☐ Peristaltic Pump	Instrument Calibration — Time: 08:00 — Initials: BC
G. Davis		☐	
Casing Diameter	Study Area	Sample Equipment	
4 inches	Lowry OU2	☐ Dedicated Bladder Pump	
Total Well Depth	Screened Interval	☐ Disposable Bailer	
25.19 ft.btoc	ft.btoc	☐ Peristaltic Pump	
Initial Water Level	Pump Intake	☐	
3.48 ft.btoc	ft.btoc	Filtration Equipment	Calibration Notes / Comments
Saturated Thickness	Sample Interval	☐ 0.45um	Calibrated by Geotech
21.71 ft	ft.btoc	☐ Other:	Sampling Event **Lowry**
Casing / WB Volume	Final Water Level	√ ☐ NA	☐ **Longterm** ☐ **Performance**
14.17663 gal		Water Level during purge (low flow)	Condition of Well, Pump, Well Vault
Total Purge Volume x3	3.63 ft.btoc	3.69 Total Purge Volume	Good

Parameter	Initial (temp)	Final (temp)	Cal Std/ Lot #/ Exp. Date
Temp °C	27.71	27.56	
pH(1st pt)	7	7	7.00
pH(2nd pt)	10	10	10.00
ORP	220	220	220mV
Conduct.	1413	1413	1413µS/cm
DO %	83.70%	83.70%	

Time 24 Hr	Casing Volume	Flow (mL/min)	Temp C / F	pH	DO mg/L	DO %	ORP	Conductivity us/cm	Turbidity NTU	Visual Description
16:13	Initial	250	15.65	7.49	0.77		109.5	927	NA	clear, no odor
16:14	0.005	250	15.32	7.16	0.59		123.4	910	NA	SAA
16:15	0.009	250	15.07	7.04	0.51		131.2	904	NA	SAA
16:16	0.014	250	14.88	6.60	0.54		149.3	901	NA	SAA
16:17	0.019	250	14.65	6.52	0.64		169.8	900	NA	SAA

Analytical Suite	Sample Description	Notes
☐ √ VOCs	☐ clear	* Describe color / odor: clear, no odor
☐ Metals ____	☐ cloudy	
☐ QA/QC ____	☐ color *	Sampler Signature
☐ Other ____	☐ odor *	
Sample Time 16:20		

H&S	Well Screening	PID		Checked By:
Protective Level Dermal: √D C B		ppm	0.0	Date:
Respiratory: √D C B				

Lowry Assumption, L.L.C.

Groundwater Sampling Field Data Sheet

Well ID: LFPOC-08	Date: 7/24/2018	Purge Equipment: ☐ Dedicated Bladder Pump; ☐ Disposable Bailer; ■ Peristaltic Pump; ☐	Water Quality Instrumentation: ☐ QED FC5000 √; ■ Solinst Water Level Meter; √ ■ YSI 556 MPS; ☐ HACH 2100P Turbidity
Samplers: L. Schaack, G. Davis	Time: 12:10 24 Hr		Instrument Calibration: Time: 08:00 Initials: BC
Casing Diameter: 4 inches	Study Area: Lowry OU2	Sample Equipment: ☐ Dedicated Bladder Pump; ☐ Disposable Bailer; ■ Peristaltic Pump; ☐	
Total Well Depth: 33.58 ft.btoc	Screened Interval: ft.btoc		
Initial Water Level: 13.18 ft.btoc	Pump Intake: ft.btoc	Filtration Equipment: ☐ 0.45um; ☐ Other:; √ ■ NA	Calibration Notes / Comments: Calibrated by Geotech
Saturated Thickness: 20.4 ft	Sample Interval: ft.btoc		Sampling Event: **Lowry**; ☐ **Longterm** ☐ **Performance**
Casing / WB Volume: 13.32 gal	Final Water Level:	Water Level during purge (low flow): 13.32	Condition of Well, Pump, Well Vault: Good
Total Purge Volume x3	12.23 ft.btoc	Total Purge Volume	

Parameter	Initial (temp)	Final (temp)	Cal Std/ Lot #/ Exp. Date
Temp °C	27.71	27.56	
pH(1st pt)	7	7	7.00
pH(2nd pt)	10	10	10.00
ORP	220	220	220mV
Conduct.	1413	1413	1413µS/cm
DO %	83.70%	83.70%	

Time 24 Hr	Casing Volume	Flow (mL/min)	Temp C / F	pH	DO mg/L	DO %	ORP	Conductivity us/cm	Turbidity NTU	Visual Description
12:12	Initial	250	17.20	6.97	2.15		199.6	1216	NA	clear, no odor
12:13	0.005	250	16.40	6.86	0.99		199.7	1192	NA	SAA
12:14	0.010	250	16.28	6.75	0.54		198.6	1184	NA	SAA
12:15	0.015	250	16.14	6.48	0.40		212.5	1182	NA	SAA
12:16	0.020	250	15.99	6.32	0.36		216.0	1180	NA	SAA

Analytical Suite: ■ √ VOCs; ■ Metals ____; ☐ QA/QC ____; ■ Other ____	Sample Description: ■ clear; ☐ cloudy; ☐ color *; ☐ odor *	Notes: * Describe color / odor: clear, no odor	
Sample Time: 12:20			Sampler Signature
H&S: Protective Level Dermal: √D C B; Respiratory: √D C B		Well Screening: **PID** ppm: 0.05	Checked By: Date:

Lowry Assumption, L.L.C.

Groundwater Sampling Field Data Sheet

Well ID	Date	Purge Equipment	Water Quality Instrumentation
LFPOC-09	7/24/2018	☐ Dedicated Bladder Pump	☐ QED FC5000 √ ☐ Solinst Water Level Meter
Samplers	Time	☐ Disposable Bailer	√ ☐ YSI 556 MPS ☐ HACH 2100P Turbidity
L. Schaack	10:00 24 Hr	☐ Peristaltic Pump	Instrument Calibration — Time: 08:00 — Initials: BC
G. Davis		☐	
Casing Diameter	Study Area	Sample Equipment	
4 inches	Lowry OU2	☐ Dedicated Bladder Pump	
Total Well Depth	Screened Interval	☐ Disposable Bailer	
44.32 ft.btoc	ft.btoc	☐ Peristaltic Pump	
Initial Water Level	Pump Intake	☐	
16.79 ft.btoc	ft.btoc	Filtration Equipment	Calibration Notes / Comments
Saturated Thickness	Sample Interval	☐ 0.45um	Calibrated by Geotech
27.53 ft	ft.btoc	☐ Other:	Sampling Event **Lowry**
Casing / WB Volume	Final Water Level	√ ☐ NA	☐ **Longterm** ☐ **Performance**
17.98 gal		Water Level during purge (low flow)	Condition of Well, Pump, Well Vault
Total Purge Volume x3	16.89 ft.btoc	16.88 Total Purge Volume	Good

Parameter	Initial (temp)	Final (temp)	Cal Std/ Lot #/ Exp. Date
Temp °C	27.71	27.56	
pH(1st pt)	7	7	7.00
pH(2nd pt)	10	10	10.00
ORP	220	220	220mV
Conduct.	1413	1413	1413µS/cm
DO %	83.70%	83.70%	

Time 24 Hr	Casing Volume	Flow (mL/min)	Temp C / F	pH	DO mg/L	DO %	ORP	Conductivity us/cm	Turbidity NTU	Visual Description
10:09	Initial	250	18.94	7.17	3.02		45.6	967	NA	clear, no odor
10:10	0.004	250	18.54	7.20	2.51		49.6	940	NA	SAA
10:11	0.007	250	18.53	7.21	2.19		50.9	933	NA	SAA
10:12	0.011	250	18.40	7.17	2.00		60.5	931	NA	SAA
10:13	0.015	250	18.36	7.14	1.94		63.7	928	NA	SAA

Analytical Suite	Sample Description	Notes
☐ √ VOCs	☐ clear	* Describe color / odor: clear, no odor
☐ Metals ____	☐ cloudy	DUP1 collected at 10:30
☐ QA/QC ____	☐ color *	Sampler Signature
☐ Other ____	☐ odor *	
Sample Time 10:15		

H&S		Well Screening	PID		Checked By:
Protective Level Dermal: √D C B			ppm	0.0	Date:
Respiratory: √D C B					

Lowry Assumption, L.L.C.

Groundwater Sampling Field Data Sheet

Well ID: LFPOC-10	Date: 7/24/2018	Purge Equipment: ☐ Dedicated Bladder Pump; ☐ Disposable Bailer; ■ Peristaltic Pump; ☐	Water Quality Instrumentation: ☐ QED FC5000 √; ■ Solinst Water Level Meter; √ ■ YSI 556 MPS; ☐ HACH 2100P Turbidity
Samplers: L. Schaack, G. Davis	Time: 13:00 24 Hr		Instrument Calibration: Time: 08:00 Initials: BC
Casing Diameter: 4 inches	Study Area: Lowry OU2	Sample Equipment: ☐ Dedicated Bladder Pump; ☐ Disposable Bailer; ■ Peristaltic Pump; ☐	
Total Well Depth: 39.33 ft.btoc	Screened Interval: ft.btoc		
Initial Water Level: 13.65 ft.btoc	Pump Intake: ft.btoc	Filtration Equipment: ☐ 0.45um; ☐ Other:; √ ■ NA	Calibration Notes / Comments: Calibrated by Geotech
Saturated Thickness: 25.68 ft	Sample Interval: ft.btoc		Sampling Event: **Lowry**; ☐ **Longterm** ☐ **Performance**
Casing / WB Volume: 16.77 gal	Final Water Level:	Water Level during purge (low flow): 13.71	Condition of Well, Pump, Well Vault: Good
Total Purge Volume x3	13.69 ft.btoc	Total Purge Volume	

Parameter	Initial (temp)	Final (temp)	Cal Std/ Lot #/ Exp. Date
Temp °C	27.71	27.56	
pH(1st pt)	7	7	7.00
pH(2nd pt)	10	10	10.00
ORP	220	220	220mV
Conduct.	1413	1413	1413µS/cm
DO %	83.70%	83.70%	

Time 24 Hr	Casing Volume	Flow (mL/min)	Temp C / F	pH	DO mg/L	DO %	ORP	Conductivity us/cm	Turbidity NTU	Visual Description
13:02	Initial	250	16.87	7.16	0.78		138.3	1213	NA	clear, no odor
13:03	0.004	250	17.03	7.07	0.51		140.3	1204	NA	SAA
13:04	0.008	250	16.98	6.98	0.43		141.1	1202	NA	SAA
13:05	0.012	250	16.65	6.91	0.35		140.4	1201	NA	SAA
13:06	0.016	250	16.56	6.87	0.34		142.2	1196	NA	SAA

Analytical Suite: ■ √ VOCs; ■ Metals ____; ☐ QA/QC ____; ■ Other ____	Sample Description: ■ clear; ☐ cloudy; ☐ color *; ☐ odor *	Notes: * Describe color / odor: clear, no odor	Sampler Signature
Sample Time: 13:00			
H&S: Protective Level Dermal: √D C B; Respiratory: √D C B		Well Screening: **PID** ppm 0.0	Checked By: Date:

Lowry Assumption, L.L.C.

Groundwater Sampling Field Data Sheet

Well ID	Date	Purge Equipment	Water Quality Instrumentation
LFPOC-11	7/24/2018	☐ Dedicated Bladder Pump	☐ QED FC5000 √ ☐ Solinst Water Level Meter
Samplers	Time	☐ Disposable Bailer	√ ☐ YSI 556 MPS ☐ HACH 2100P Turbidity
L. Schaack	13:15 24 Hr	☐ Peristaltic Pump	Instrument Calibration — Time: 08:00 — Initials: BC
G. Davis		☐	
Casing Diameter	Study Area	Sample Equipment	
4 inches	Lowry OU2	☐ Dedicated Bladder Pump	
Total Well Depth	Screened Interval	☐ Disposable Bailer	
28.4 ft.btoc	ft.btoc	☐ Peristaltic Pump	
Initial Water Level	Pump Intake	☐	
13.9 ft.btoc	ft.btoc	Filtration Equipment	
Saturated Thickness	Sample Interval	☐ 0.45um	
14.5 ft	ft.btoc	☐ Other:	
Casing / WB Volume	Final Water Level	√ ☐ NA	
9.47 gal		Water Level during purge (low flow)	
Total Purge Volume x3	14.03 ft.btoc	14.06 Total Purge Volume	

Parameter	Initial (temp)	Final (temp)	Cal Std/ Lot #/ Exp. Date
Temp °C	27.71	27.56	
pH(1st pt)	7	7	7.00
pH(2nd pt)	10	10	10.00
ORP	220	220	220mV
Conduct.	1413	1413	1413µS/cm
DO %	83.70%	83.70%	

Calibration Notes / Comments: Calibrated by Geotech

Sampling Event: **Lowry**

☐ **Longterm** ☐ **Performance**

Condition of Well, Pump, Well Vault: Good

Time 24 Hr	Casing Volume	Flow (mL/min)	Temp C / F	pH	DO mg/L	DO %	ORP	Conductivity us/cm	Turbidity NTU	Visual Description
13:28	Initial	250	15.37	6.41	0.71		234.4	1469	NA	clear, no odor
13:29	0.007	250	15.41	6.12	0.51		242.2	1464	NA	SAA
13:30	0.014	250	15.9	6.48	0.43		244.9	1460	NA	SAA
13:31	0.021	250	16.27	6.47	0.41		254.9	1457	NA	SAA
13:32	0.028	250	16.58	6.49	0.39		261.3	1458	NA	SAA

Analytical Suite

- ☐ √ VOCs
- ☐ Metals
- ☐ QA/QC
- ☐ Other

Sample Description

- ☐ clear
- ☐ cloudy
- ☐ color *
- ☐ odor *

Sample Time: 13:40

Notes

* Describe color / odor: clear, no odor

Sampler Signature

H&S

Protective Level Dermal: √D C B

Respiratory: √D C B

Well Screening

PID: ppm 0.0

Checked By:

Date:

Lowry Assumption, L.L.C.

Groundwater Sampling Field Data Sheet

Well ID: LFPOC-12	Date: 7/24/2018	Purge Equipment: ☐ Dedicated Bladder Pump; ☐ Disposable Bailer; ■ Peristaltic Pump; ☐	Water Quality Instrumentation: ☐ QED FC5000 √; ■ Solinst Water Level Meter; √ ■ YSI 556 MPS; ☐ HACH 2100P Turbidity
Samplers: L. Schaack, G. Davis	Time: 15:10 24 Hr		Instrument Calibration: Time: 08:00 Initials: BC
Casing Diameter: 2 inches	Study Area: Lowry OU2	Sample Equipment: ☐ Dedicated Bladder Pump; ☐ Disposable Bailer; ■ Peristaltic Pump; ☐	
Total Well Depth: 25.81 ft.btoc	Screened Interval: ft.btoc		
Initial Water Level: 18.45 ft.btoc	Pump Intake: ft.btoc	Filtration Equipment: ☐ 0.45um; ☐ Other:; √ ■ NA	Calibration Notes / Comments: Calibrated by Geotech
Saturated Thickness: 7.36 ft	Sample Interval: ft.btoc		Sampling Event: **Lowry**; ☐ **Longterm** ☐ **Performance**
Casing / WB Volume: 1.20 gal	Final Water Level:	Water Level during purge (low flow): 18.5	Condition of Well, Pump, Well Vault: Good
Total Purge Volume x3	18.46 ft.btoc	Total Purge Volume	

Parameter	Initial (temp)	Final (temp)	Cal Std/ Lot #/ Exp. Date
Temp °C	27.71	27.56	
pH(1st pt)	7	7	7.00
pH(2nd pt)	10	10	10.00
ORP	220	220	220mV
Conduct.	1413	1413	1413µS/cm
DO %	83.70%	83.70%	

Time 24 Hr	Casing Volume	Flow (mL/min)	Temp C / F	pH	DO mg/L	DO %	ORP	Conductivity us/cm	Turbidity NTU	Visual Description
15:12	Initial	250	16.38	7.15	1.26		150.8	1451	NA	clear, no odor
15:13	0.055	250	16.47	6.88	0.92		154.1	1439	NA	SAA
15:14	0.110	250	16.36	6.77	0.77		155	1439	NA	SAA
15:15	0.165	250	16.32	6.39	0.78		170	1433	NA	SAA
15:16	0.220	250	16.22	6.37	0.77		170.7	1438	NA	SAA

Analytical Suite: ■ √ VOCs; ■ Metals ____; ☐ QA/QC ____; ■ Other ____	Sample Description: ■ clear; ☐ cloudy; ☐ color *; ☐ odor *	Notes: * Describe color / odor: clear, no odor	Sampler Signature
Sample Time: 15:20			
H&S: Protective Level Dermal: √D C B; Respiratory: √D C B		Well Screening: **PID** ppm 0.0	Checked By: Date:

Lowry Assumption, L.L.C.

Groundwater Sampling Field Data Sheet

Well ID: LZ-13	Date: 7/24/2018	Purge Equipment: ☐ Dedicated Bladder Pump; ☐ Disposable Bailer; ☗ Peristaltic Pump; ☐	Water Quality Instrumentation: ☐ QED FC5000 √; ☗ Solinst Water Level Meter; √ ☗ YSI 556 MPS; ☐ HACH 2100P Turbidity
Samplers: L. Schaack, G. Davis	Time: 15:50 24 Hr		Instrument Calibration: Time: 08:00 Initials: BC
Casing Diameter: 2 inches	Study Area: Lowry OU2	Sample Equipment: ☐ Dedicated Bladder Pump; ☐ Disposable Bailer; ☗ Peristaltic Pump; ☐	
Total Well Depth: 15.16 ft.btoc	Screened Interval: ft.btoc		
Initial Water Level: 2.29 ft.btoc	Pump Intake: ft.btoc	Filtration Equipment: ☐ 0.45um; ☐ Other:; √ ☗ NA	Calibration Notes / Comments: Calibrated by Geotech
Saturated Thickness: 12.87 ft	Sample Interval: ft.btoc		Sampling Event: **Lowry**; ☐ **Longterm** ☐ **Performance**
Casing / WB Volume: 2.10 gal	Final Water Level:	Water Level during purge (low flow): 2.39	Condition of Well, Pump, Well Vault: Good
Total Purge Volume x3	2.25 ft.btoc	Total Purge Volume	

Parameter	Initial (temp)	Final (temp)	Cal Std/ Lot #/ Exp. Date
Temp °C	27.71	27.56	
pH(1st pt)	7	7	7.00
pH(2nd pt)	10	10	10.00
ORP	220	220	220mV
Conduct.	1413	1413	1413µS/cm
DO %	83.70%	83.70%	

Time 24 Hr	Casing Volume	Flow (mL/min)	Temp C / F	pH	DO mg/L	DO %	ORP	Conductivity us/cm	Turbidity NTU	Visual Description
15:53	Initial	250	16.35	7.18	1		119.6	991	NA	clear, no odor
15:54	0.031	250	16.15	7.03	0.42		126.4	984	NA	SAA
15:55	0.063	250	16.41	7.00	0.28		127	979	NA	SAA
15:56	0.094	250	16.51	6.99	0.26		126.7	979	NA	SAA
15:57	0.126	250	16.41	6.99	0.24		126	980	NA	SAA

Analytical Suite
- ☗ √ VOCs
- ☗ Metals
- ☐ QA/QC
- ☗ Other

Sample Description
- ☗ clear
- ☐ cloudy
- ☐ color *
- ☐ odor *

Sample Time: 16:00

Notes
* Describe color / odor: clear, no odor

Sampler Signature

H&S		Well Screening	PID		Checked By:
	Protective Level Dermal: √D C B				
	Respiratory: √D C B		ppm	0.0	Date:

Lowry Assumption, L.L.C.

Groundwater Sampling Field Data Sheet

Well ID	Date	Purge Equipment	Water Quality Instrumentation
SW-1	7/24/2018	☐ Dedicated Bladder Pump	☐ QED FC5000 √ ☐ Solinst Water Level Meter
Samplers	Time	☐ Disposable Bailer	√ ■ YSI 556 MPS ☐ HACH 2100P Turbidity
L. Schaack	10:55 24 Hr	☐ Peristaltic Pump	Insturment Calibration — Time: 08:00 — Initials: BC
G. Davis		☐	
Casing Diameter	Study Area	Sample Equipment	
	Lowry OU2		
		☐ Dedicated Bladder Pump	
NA inches		☐ Disposable Bailer	
Total Well Depth	Screened Interval	☐ Peristaltic Pump	
		☐	
NA ft.btoc	ft.btoc		
Initial Water Level	Pump Intake	Filtration Equipment	Calibration Notes / Comments
			Calibrated by Geotech
NA ft.btoc	ft.btoc	☐ 0.45um	
Saturated Thickness	Sample Interval	☐ Other:	Sampling Event **Lowry**
		√ ■ NA	
NA ft	ft.btoc		☐ **Longterm** ☐ **Performance**
Casing / WB Volume	Final Water Level	Water Level during purge (low flow)	Condition of Well, Pump, Well Vault
NA gal	NA	NA	NA
Total Purge Volume x3	ft.btoc	Total Purge Volume	

Parameter	Initial (temp)	Final (temp)	Cal Std/ Lot #/ Exp. Date
Temp °C	27.71	27.56	
pH(1st pt)	7	7	7.00
pH(2nd pt)	10	10	10.00
ORP	220	220	220mV
Conduct.	1413	1413	1413µS/cm
DO %	83.70%	83.70%	

Time 24 Hr	Casing Volume	Gallons Removed	Temp C / F	pH	DO mg/L	DO %	ORP	Conductivity us/cm	Turbidity NTU	Visual Description
10:55	NA	NA	20	7.78	7.67		102.4	570	NA	clear, sewer odor

Analytical Suite	Sample Description	Notes
√ ■ VOCs	■ clear	* Describe color / odor: clear, no odor
■ Metals	☐ cloudy	
☐ QA/QC	☐ color *	Sampler Signature
■ Other	☐ odor *	
Sample Time: 10:55		

H&S	Protective Level Dermal: √D C B	Well Screening	PID		Checked By:
	Respiratory: √D C B		ppm	NM	Date:

Lowry Assumption, L.L.C.

Groundwater Sampling Field Data Sheet

Well ID	Date	Purge Equipment	Water Quality Instrumentation
SW-2	7/24/2018	☐ Dedicated Bladder Pump	☐ QED FC5000 √ ☐ Solinst Water Level Meter
Samplers	Time	☐ Disposable Bailer	√ ■ YSI 556 MPS ☐ HACH 2100P Turbidity
L. Schaack	11:20 24 Hr	☐ Peristaltic Pump	Insturment Calibration — Time: 08:00 — Initials: BC
G. Davis		☐	
Casing Diameter	Study Area	Sample Equipment	
	Lowry OU2	☐ Dedicated Bladder Pump	
NA inches		☐ Disposable Bailer	
Total Well Depth	Screened Interval	☐ Peristaltic Pump	
NA ft.btoc	ft.btoc	☐	
Initial Water Level	Pump Intake	Filtration Equipment	Calibration Notes / Comments
NA ft.btoc	ft.btoc	☐ 0.45um	Calibrated by Geotech
Saturated Thickness	Sample Interval	☐ Other:	Sampling Event **Lowry**
		√ ■ NA	
NA ft	ft.btoc		☐ **Longterm** ☐ **Performance**
Casing / WB Volume	Final Water Level	Water Level during purge (low flow)	Condition of Well, Pump, Well Vault
NA gal		NA	NA
Total Purge Volume x3	NA ft.btoc	Total Purge Volume: NA	

Parameter	Initial (temp)	Final (temp)	Cal Std/ Lot #/ Exp. Date
Temp °C	27.71	27.56	
pH(1st pt)	7	7	7.00
pH(2nd pt)	10	10	10.00
ORP	220	220	220mV
Conduct.	1413	1413	1413µS/cm
DO %	83.70%	83.70%	

Time 24 Hr	Casing Volume	Gallons Removed	Temp C / F	pH	DO mg/L	DO %	ORP	Conductivity us/cm	Turbidity NTU	Visual Description
11:20	NA	NA	22.11	7.43	5.94		120.3	439	NA	clean, no odor

Analytical Suite	Sample Description	Notes
√ ■ VOCs	■ clear	* Describe color / odor: clear, no odor
■ Metals	☐ cloudy	stream foamy immediately upstream form SW-2
☐ QA/QC	☐ color *	Sampler Signature
■ Other	☐ odor *	
Sample Time 11:20		

H&S	Protective Level Dermal: √D C B	Well Screening	PID		Checked By:
	Respiratory: √D C B		ppm	NM	Date:

Lowry Assumption, L.L.C.

Groundwater Sampling Field Data Sheet

Well ID	Date	Purge Equipment	Water Quality Instrumentation
SW-3	7/24/2018	☐ Dedicated Bladder Pump	☐ QED FC5000 √ ☐ Solinst Water Level Meter
Samplers	Time	☐ Disposable Bailer	√ ■ YSI 556 MPS ☐ HACH 2100P Turbidity
L. Schaack	11:40 24 Hr	☐ Peristaltic Pump	Insturment Calibration — Time: 08:00 — Initials: BC
G. Davis		☐	
Casing Diameter	Study Area	Sample Equipment	
	Lowry OU2		
		☐ Dedicated Bladder Pump	
NA inches		☐ Disposable Bailer	
Total Well Depth	Screened Interval	☐ Peristaltic Pump	
		☐	
NA ft.btoc	ft.btoc		
Initial Water Level	Pump Intake	Filtration Equipment	Calibration Notes / Comments
			Calibrated by Geotech
NA ft.btoc	ft.btoc	☐ 0.45um	
Saturated Thickness	Sample Interval	☐ Other:	Sampling Event **Lowry**
		√ ■ NA	
NA ft	ft.btoc		☐ **Longterm** ☐ **Performance**
Casing / WB Volume	Final Water Level	Water Level during purge (low flow)	Condition of Well, Pump, Well Vault
NA gal		NA	NA
Total Purge Volume x3	NA ft.btoc	Total Purge Volume	

Parameter	Initial (temp)	Final (temp)	Cal Std/ Lot #/ Exp. Date
Temp °C	27.71	27.56	
pH(1st pt)	7	7	7.00
pH(2nd pt)	10	10	10.00
ORP	220	220	220mV
Conduct.	1413	1413	1413µS/cm
DO %	83.70%	83.70%	

Time 24 Hr	Casing Volume	Gallons Removed	Temp C / F	pH	DO mg/L DO %	ORP	Conductivity us/cm	Turbidity NTU	Visual Description
11:40	NA	NA	22.36	7.5	7.5	128.4	442	NA	clear, no odor

Analytical Suite	Sample Description	Notes
■ VOCs	■ clear	* Describe color / odor: clear, no odor, stream foamy at SW-3
■ Metals	☐ cloudy	DUP2 taken at 14:00
☐ QA/QC	☐ color *	Sampler Signature
■ Other	☐ odor *	
Sample Time		

H&S	Protective Level Dermal: √D C B	Well Screening	PID		Checked By:
	Respiratory: √D C B		ppm	NM	Date: