

SCS ENGINEERS

February 12, 2015
File No. 25214222.00

GEMS Data Submittal Contact – WA/5
Wisconsin Department of Natural Resources
Bureau of Waste and Materials Management
101 S. Webster Street
P.O. Box 7921
Madison, WI 53707-7921

Subject: Barrett Landfill
License No. 01940 – FID #268134130
Environmental Data Submittal

Dear GEMS Data Submittal Contact:

Enclosed is an environmental data submittal for the non-routine sampling event at the Barrett Landfill located in the City of New Berlin, Waukesha County. The data include results from measurements or analysis of samples collected at the site by SCS Engineers staff from the following:

- Groundwater monitoring wells during the period of December 22 and 23, 2014
- Private wells during the period of December 29 to January 12, 2015
- Surface water on December 22, 2014
- Landfill gas probes on December 30, 2014

The samples were submitted to TestAmerica Chicago (Wisconsin Lab Certification No. 999580010) for laboratory analysis.

INFORMATION INCLUDED IN THIS SUBMITTAL

This submittal includes the following:

1. A compact disc (CD) that contains the electronic data submittal (dec14-01940.txt) from this period.
2. Attachment A, a table that identifies the compounds that exceeded the groundwater standards identified in Chapter NR 140, Wis. Adm. Code (i.e., exceedances).
3. Attachment B, a preliminary analysis of the cause and significance of the exceedances.
4. Attachment C, a completed Environmental Monitoring Data Certification Form (Form 4400 231 R 1/04).
5. Attachment D, the gas probe monitoring data sheet.
6. Attachment E, a summary table of the data from this sampling event.



SUBMITTAL NOTES

Please note the following comments:

1. Exceedances of the preventive action limit (PAL) or Enforcement Standard (ES) are denoted as "P" or "E" on **Attachments A and E**. A "P*" identifier is used when the sampling result exceeds the concentration established as the ES but, since the well meets the point of standards criteria identified in NR 140.22, the ES does not apply. The property boundary and well locations were evaluated using Drawing 1A, Final Improvements Barrett Landfill prepared by Earth Tech and dated October 2001.
2. Manganese results are evaluated with regard to the criteria identified in Table 1 (Public Health Groundwater Quality Standards) and Table 2 (Public Welfare Groundwater Quality Standards) of NR 140.10 and NR 140.12, respectively. Thus, the data from a single sample may be reported as two exceedances in **Attachments A and E**.
3. Review of the narratives in the laboratory data reports that describe the results from analysis of laboratory quality assurance/quality control (QA/QC) samples associated with the samples from this period did not identify any significant data quality issues. The laboratory reports were previously transmitted to the Wisconsin Department of Natural Resources (WDNR) by TestAmerica. All of the nitrite plus nitrate results, and most of the chloride results, from analysis of samples from the groundwater monitoring wells were appropriately qualified by the laboratory as failing the WDNR QC Flag III criteria, as the batch matrix spike/matrix spike duplicate (MS/MSD) recoveries failed to meet laboratory QC criteria. The nitrite plus nitrate and chloride results from analysis of one of the private well samples were also appropriately qualified by the laboratory as failing the WDNR QC Flag III criteria, as the batch MS/MSD recoveries failed to meet laboratory QC criteria. In each case, the associated laboratory control sample recovery was within acceptable limits; thus, the data were acceptable in accordance with the method specifications and are reported in this submittal.
4. Duplicate samples were collected at groundwater well B-96-18B and private well Meyer during this sampling period. The results from analysis of the duplicate samples were compared to the results from analysis of the associated well samples to identify any significant differences in the results. The evaluation is typically expressed as a relative percent difference (RPD). To address the expected variation at low concentration, the calculation was applied to a parameter only if one or both of the reported concentrations (i.e., result or duplicate result) was greater than the PAL and the limit of detection. Data reproducibility, in terms of RPD as defined, was within the expected range (0 to 20 percent) for the results from analysis of the samples from the Meyer private well. There was more apparent variation in results from analysis of the samples from the monitoring well (i.e., B-96-18B). Data reproducibility, in terms of RPD, was within the expected range (0 to 20 percent) for indicator parameters (i.e., chloride and sulfate), but the RPD

for metals (i.e., chromium, lead, manganese) and nitrite plus nitrate was greater than expected (i.e., > 20 percent).

5. The data includes depth to groundwater measurements at the monitoring wells. Groundwater elevations are not reported as the reference data (i.e., top of casing elevation) was not available.
6. The results from analysis of the pond sample collected as part of this sampling event were typical of local surface water and not remarkable.
7. The landfill gas probe monitoring data are transmitted as **Attachment D**, and are also included in the electronic data submittal with the exception of a description of ground conditions. There is no existing parameter code for this description; thus these data are included only on the hard copy (**Attachment D**). Data for probe pressure is not included as the probes were not sealed at the time of sampling (i.e., open to the atmosphere).

Please contact me at 262-345-1220, if you have any questions concerning this report.

Sincerely,



Gary L. Sterkel
Environmental Specialist

SCS ENGINEERS

GLS/TLC/MJP

Enclosures

cc: Mr. Bizhan Z. Sheikholeslami, WDNR, w/o disk
Sandie Fredrick, TestAmerica w/o disk

ATTACHMENT A

Identification of NR 140 Exceedances
Barrett Landfill

Barrett Landfill

License Number: 01940
Facility ID Number: 268134130

Identification of NR 140 Exceedances

Well	Sample Date	Parameter	Sample Result	NR140 Standards		Units	Type of Standard	Type of Exceedance	Qualifier	RL	LOD	LOQ
				PAL	ES							
B-15	141222	ARSENIC-DISSOLVED AS AS	9.5	1	10	UG/L	Table 1	P		1	0.23	1.5
B-15A	141222	ARSENIC-DISSOLVED AS AS	1.5	1	10	UG/L	Table 1	P		1	0.23	1.5
B-25A	141222	ARSENIC-DISSOLVED AS AS	18.9	1	10	UG/L	Table 1	P*		1	0.23	1.5
B-17	141222	CHLORIDE-DISSOLVED AS CL	147	125	250	MG/L	Table 2	P		5	1.9	6.3
B-18A	141223	CHLORIDE-DISSOLVED AS CL	154	125	250	MG/L	Table 2	P		10	3.8	12.5
B-18B	141223	CHLORIDE-DISSOLVED AS CL	149	125	250	MG/L	Table 2	P		10	3.8	12.5
B-25A	141222	CHLORIDE-DISSOLVED AS CL	139	125	250	MG/L	Table 2	P		5	1.9	6.3
B-14R	141222	CHROMIUM-DISSOLVED AS CR	20.5	10	100	UG/L	Table 1	P		5	0.63	7.3
B-15	141222	CHROMIUM-DISSOLVED AS CR	667	10	100	UG/L	Table 1	P*		10	1.3	14.5
B-15A	141222	CHROMIUM-DISSOLVED AS CR	144	10	100	UG/L	Table 1	P*		10	1.3	14.5
B-18B	141223	CHROMIUM-DISSOLVED AS CR	11.7	10	100	UG/L	Table 1	P		5	0.63	7.3
B-25	141222	CHROMIUM-DISSOLVED AS CR	25.2	10	100	UG/L	Table 1	P		5	0.63	7.3
W-23	141223	CHROMIUM-DISSOLVED AS CR	27.3	10	100	UG/L	Table 1	P		10	1.3	14.5
W-23A	141223	CHROMIUM-DISSOLVED AS CR	28.3	10	100	UG/L	Table 1	P		5	0.63	7.3
W-24	141223	CHROMIUM-DISSOLVED AS CR	14.9	10	100	UG/L	Table 1	P		10	1.3	14.5
B-14A	141222	LEAD-DISSOLVED AS PB	4.6	1.5	15	UG/L	Table 1	P		0.5	0.091	0.47
B-14R	141222	LEAD-DISSOLVED AS PB	6.7	1.5	15	UG/L	Table 1	P		0.5	0.091	0.47
B-15	141222	LEAD-DISSOLVED AS PB	97.1	1.5	15	UG/L	Table 1	P*		1	0.18	0.94
B-15A	141222	LEAD-DISSOLVED AS PB	45.1	1.5	15	UG/L	Table 1	P*		1	0.18	0.94
B-17	141222	LEAD-DISSOLVED AS PB	4.3	1.5	15	UG/L	Table 1	P		0.5	0.091	0.47
B-18A	141223	LEAD-DISSOLVED AS PB	2.6	1.5	15	UG/L	Table 1	P		0.5	0.091	0.47
B-18B	141223	LEAD-DISSOLVED AS PB	4.3	1.5	15	UG/L	Table 1	P		0.5	0.091	0.47
B-25	141222	LEAD-DISSOLVED AS PB	6.5	1.5	15	UG/L	Table 1	P		0.5	0.091	0.47
B-25A	141222	LEAD-DISSOLVED AS PB	3.2	1.5	15	UG/L	Table 1	P		0.5	0.091	0.47
W-23	141223	LEAD-DISSOLVED AS PB	30.6	1.5	15	UG/L	Table 1	P*		1	0.18	0.94
W-23A	141223	LEAD-DISSOLVED AS PB	11.9	1.5	15	UG/L	Table 1	P		0.5	0.091	0.47
W-24	141223	LEAD-DISSOLVED AS PB	18.6	1.5	15	UG/L	Table 1	P*		1	0.18	0.94
B-13A	141222	MANGANESE-DISSOLVED AS MN	81.1	60	300	UG/L	Table 1	P		2.5	0.76	3.3
B-13A	141222	MANGANESE-DISSOLVED AS MN	81.1	25	50	UG/L	Table 2	P*		2.5	0.76	3.3
B-15	141222	MANGANESE-DISSOLVED AS MN	145	60	300	UG/L	Table 1	P		2.5	0.76	3.3

Barrett Landfill

License Number: 01940
Facility ID Number: 268134130

Identification of NR 140 Exceedances

Well	Sample Date	Parameter	Sample Result	NR140 Standards		Units	Type of Standard	Type of Exceedance	Qualifier	RL	LOD	LOQ
				PAL	ES							
B-15	141222	MANGANESE-DISSOLVED AS MN	145	25	50	UG/L	Table 2	P*		2.5	0.76	3.3
B-15A	141222	MANGANESE-DISSOLVED AS MN	188	60	300	UG/L	Table 1	P		2.5	0.76	3.3
B-15A	141222	MANGANESE-DISSOLVED AS MN	188	25	50	UG/L	Table 2	P*		2.5	0.76	3.3
B-18B	141223	MANGANESE-DISSOLVED AS MN	26.1	25	50	UG/L	Table 2	P		2.5	0.76	3.3
B-21	141222	MANGANESE-DISSOLVED AS MN	892	60	300	UG/L	Table 1	P*		2.5	0.76	3.3
B-21	141222	MANGANESE-DISSOLVED AS MN	892	25	50	UG/L	Table 2	P*		2.5	0.76	3.3
B-21A	141222	MANGANESE-DISSOLVED AS MN	34.0	25	50	UG/L	Table 2	P		2.5	0.76	3.3
W-23	141223	MANGANESE-DISSOLVED AS MN	69.6	60	300	UG/L	Table 1	P		2.5	0.76	3.3
W-23	141223	MANGANESE-DISSOLVED AS MN	69.6	25	50	UG/L	Table 2	P*		2.5	0.76	3.3
W-23A	141223	MANGANESE-DISSOLVED AS MN	46.4	25	50	UG/L	Table 2	P		2.5	0.76	3.3
B-14R	141222	NITRITE PLUS NITRATE-DISSOLVED AS N	3.6	2	10	MG/L	Table 1	P		0.2	0.09	0.3
B-17	141222	NITRITE PLUS NITRATE-DISSOLVED AS N	4.7	2	10	MG/L	Table 1	P		0.5	0.23	0.75
B-18A	141223	NITRITE PLUS NITRATE-DISSOLVED AS N	2.9	2	10	MG/L	Table 1	P		0.2	0.09	0.3
B-18B	141223	NITRITE PLUS NITRATE-DISSOLVED AS N	10.1	2	10	MG/L	Table 1	E		1	0.45	1.5
B-19A	141222	NITRITE PLUS NITRATE-DISSOLVED AS N	3.1	2	10	MG/L	Table 1	P		0.2	0.09	0.3
B-25	141222	NITRITE PLUS NITRATE-DISSOLVED AS N	7.4	2	10	MG/L	Table 1	P		0.5	0.23	0.75
W-24	141223	NITRITE PLUS NITRATE-DISSOLVED AS N	2.1	2	10	MG/L	Table 1	P		0.2	0.09	0.3
B-13A	141222	SULFATE-DISSOLVED AS SO4	144	125	250	MG/L	Table 2	P		5	3.2	10.5
B-14A	141222	SULFATE-DISSOLVED AS SO4	179	125	250	MG/L	Table 2	P		10	6.4	21
W-23	141223	SULFATE-DISSOLVED AS SO4	153	125	250	MG/L	Table 2	P		5	3.2	10.5

Barrett Landfill

License Number: 01940
Facility ID Number: 268134130

Identification of NR 140 Exceedances

Well	Sample Date	Parameter	Sample Result	NR140 Standards		Units	Type of Standard	Type of Exceedance	Qualifier	RL	LOD	LOQ
				PAL	ES							
Christ	141229	ARSENIC-TOTAL AS AS	3.6	1	10	UG/L	Table 1	P		1	0.23	0.78
Hanke	141229	ARSENIC-TOTAL AS AS	1.6	1	10	UG/L	Table 1	P		1	0.23	0.78
Kellar	141229	ARSENIC-TOTAL AS AS	5.6	1	10	UG/L	Table 1	P		1	0.23	0.78
Kowis	141229	ARSENIC-TOTAL AS AS	2.1	1	10	UG/L	Table 1	P		1	0.23	0.78
Meyer	141229	ARSENIC-TOTAL AS AS	8.0	1	10	UG/L	Table 1	P		1	0.23	0.78
Sanche	141229	ARSENIC-TOTAL AS AS	6.4	1	10	UG/L	Table 1	P		1	0.23	0.78
School	150112	ARSENIC-TOTAL AS AS	1.7	1	10	UG/L	Table 1	P		1	0.19	0.78
School	150112	CHLORIDE-TOTAL AS CL	169	125	250	MG/L	Table 2	P		5	1.9	6.3
Servi	141229	CHLORIDE-TOTAL AS CL	315	125	250	MG/L	Table 2	E		10	3.8	12.7
Christ	141229	LEAD-TOTAL AS PB	2.0	1.5	15	UG/L	Table 1	P		0.5	0.13	0.43
Heun	141229	LEAD-TOTAL AS PB	22.6	1.5	15	UG/L	Table 1	E		0.5	0.13	0.43
Kowis	141229	LEAD-TOTAL AS PB	1.5	1.5	15	UG/L	Table 1	P		0.5	0.13	0.43
Sanche	141229	LEAD-TOTAL AS PB	5.2	1.5	15	UG/L	Table 1	P		0.5	0.13	0.43
School	150112	LEAD-TOTAL AS PB	1.8	1.5	15	UG/L	Table 1	P		0.5	0.16	0.43
Kowis	141229	MANGANESE-TOTAL AS MN	26.8	25	50	UG/L	Table 2	P		2.5	0.77	2.6
Sanche	141229	MANGANESE-TOTAL AS MN	55.7	25	50	UG/L	Table 2	E		2.5	0.77	2.6
School	150112	MANGANESE-TOTAL AS MN	137	60	300	UG/L	Table 1	P		2.5	1	2.6
School	150112	MANGANESE-TOTAL AS MN	137	25	50	UG/L	Table 2	E		2.5	1	2.6
Servi	141229	MANGANESE-TOTAL AS MN	44.8	25	50	UG/L	Table 2	P		2.5	0.77	2.6

Barrett Landfill

License Number: 01940
Facility ID Number: 268134130

Identification of NR 140 Exceedances

Well	Sample Date	Parameter	Sample Result	NR140 Standards PAL ES	Units	Type of Standard	Type of Exceedance	Qualifier	RL	LOD	LOQ
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P* = Well is located within the Design Management Zone (DMZ) and property boundary, thus the Enforcement Standard does not apply

P = NR 140 Preventive Action Limit or NR 500 Alternate Concentration Limit exceedance

E = NR 140 Enforcement Standard exceedance

J = Sample result is between the Limit of Detection (LOD) and the Limit of Quantitation (LOQ)

ATTACHMENT B

Preliminary Cause and Significance of NR 140 Exceedances
Barrett Landfill

ATTACHMENT B
Preliminary Cause and Significance of Exceedances
Barrett Landfill
Non-Routine Sampling Event 2014/2015

Routine periodic sampling and analysis of groundwater (i.e., monitoring or private wells) is not performed at this site and limited historical data is available in the Wisconsin Department of Natural Resources (WDNR) Groundwater and Environmental Monitoring System (GEMS) system. Thus, the statements below are based on review of the data from only this sampling event and do not include assessment of local groundwater flow.

ARSENIC

Arsenic was reported at concentrations in excess of the Preventive Action Limit (PAL), but below the Enforcement Standard (ES), in samples from 7 of the 12 private wells that were sampled during this event. Arsenic was reported at concentrations in excess of the PAL at 3 of the 17 groundwater monitoring wells that were sampled during this event. The concentration of dissolved arsenic reported from analysis of the sample collected from one monitoring well (i.e., B-25A – 18.9 micrograms per liter [$\mu\text{g/L}$]) exceeded the value established as the ES (i.e., 10 $\mu\text{g/L}$), but since this well is within the Design Management Zone (DMZ) and the property boundary, the ES does not apply.

Although the results from analysis of samples from several of the monitoring wells (B-15, B-25A) are relatively higher than the results from analysis of the samples collected at the private wells, there is no apparent geographic correlation. The monitoring points apparently represent a variety of depths and locations relative to the site (i.e., upgradient, sidegradient, and downgradient). Due to the prevalence of low concentrations of arsenic identified in samples from both private and monitoring wells in the vicinity of the site, it is likely that the arsenic is naturally occurring and not related to the site.

CHLORIDE

Chloride was reported at concentrations in excess of the PAL in samples from 2 of the 12 private wells and 4 of the 17 groundwater monitoring wells that were included in this sampling event. The concentration from one private well (Servi) exceeded the value established as the ES (i.e., 250 milligrams per liter [mg/L]). There is no apparent correlation between the chloride results from analysis of samples from the monitoring wells and private wells. The PAL and ES for chloride are established under NR 140.12 as Public Welfare Groundwater Quality Standards, thus concentrations in excess of the established standards are not expected to present a potential health impact.

CHROMIUM

Chromium was reported at concentrations in excess of the PAL in samples from 9 of the 17 groundwater monitoring wells that were included in this sampling event. The concentrations at

ATTACHMENT B (CONTINUED)

2 of the wells (B-15 – 667 µg/L, B-15A – 144 µg/L) exceeded the value established as the ES (i.e., 100 µg/L), but since the wells are within the DMZ and the property boundary, the ES does not apply. Chromium was not reported at concentrations above the PAL in analysis of samples from the private wells in the vicinity of the site.

LEAD

Lead was reported at concentrations in excess of the PAL in samples from 5 of the 12 private wells that were sampled during this event. The concentration of total lead reported from analysis of the sample collected from one private well (i.e., Heun – 22.6 µg/L) exceeded the value established as the ES (i.e., 15 µg/L). Lead was reported at concentrations in excess of the PAL at 12 of the 17 groundwater monitoring wells that were sampled during this event. The concentration of dissolved lead reported from analysis of the samples collected from 4 monitoring wells (i.e., B-15 – 97.1 µg/L; B-15-A – 45.1 µg/L; W-23 – 30.6 µg/L; W-24 – 18.6 µg/L) exceeded the value established as the ES (i.e., 15 µg/L), but since these wells are within the DMZ and the property boundary, the ES does not apply.

Although lead can originate from the components utilized in residential plumbing systems (i.e., piping, solder), the PAL and ES for lead are established under NR 140.10 as Public Health Groundwater Quality Standards, thus concentrations in excess of the established standards may present a potential health impact.

Although the results from analysis of samples from several of the monitoring wells are relatively higher than the results from analysis of the samples collected at the private wells, there is no apparent geographic correlation. The monitoring points apparently represent a variety of depths and locations relative to the site (i.e., upgradient, sidegradient, and downgradient).

MANGANESE

Manganese was reported at concentrations in excess of the PAL in samples from 4 of the 12 private wells that were sampled during this event. The concentration of total manganese reported from analysis of the sample collected from one private well (i.e., School – 137 µg/L) exceeded the value established as the ES (i.e., 50 µg/L) in Table 2 (i.e., Public Welfare Groundwater Quality Standards), but not the Public Health Groundwater Quality Standard established in Table 1 of NR 140 (300 µg/L). Thus, the reported concentration in excess of the established standard is not expected to present a potential health impact.

Manganese was reported at concentrations in excess of the PAL at 8 of the 17 groundwater monitoring wells that were sampled during this event. The concentration of dissolved manganese reported from analysis of the samples collected from 5 monitoring wells (i.e., B-13A – 81.1 µg/L; B-15 – 145 µg/L; B-15A – 188 µg/L; B-21 – 892 µg/L; and W-23 – 69.6 µg/L) exceeded the value established as the Table 2 ES (i.e., 50 µg/L), but since these wells are within the DMZ and the property boundary, the ES does not apply. Only one of these values is greater than the Table 1 ES (B-21 – 892 µg/L), but again since this well is within the DMZ and the property boundary, the ES does not apply.

ATTACHMENT B (CONTINUED)

Although the results from analysis of samples from several of the monitoring wells are relatively higher than the results from analysis of the samples collected at the private wells, there is no apparent geographic correlation. The monitoring points apparently represent a variety of depths and locations relative to the site (i.e., upgradient, sidegradient, and downgradient).

NITRITE PLUS NITRATE

Nitrite plus nitrate was reported at concentrations in excess of the PAL in samples from 7 of the 17 groundwater monitoring wells that were included in this sampling event. The concentration at one of the wells (B-18B – 10.1 mg/L) exceeded the value established as the ES (i.e., 10 mg/L). Chromium was not reported at concentrations above the PAL in analysis of samples from the private wells in the vicinity of the site.

SULFATE

Sulfate was reported at concentrations in excess of the PAL in samples from 3 of the 17 groundwater monitoring wells that were included in this sampling event. None of the concentrations exceeded the value established as the ES (i.e., 250 mg/L). Sulfate was not reported at concentrations above the PAL in analysis of samples from the private wells in the vicinity of the site.

ATTACHMENT C

Environmental Monitoring Data Certification Form 4400-231 (R 1/04)
Barrett Landfill

Notice: Personally identifiable information collected will be used for program administration and enforcement purposes. The Department may also provide this information to requesters as required under Wisconsin's Open Records law, ss. 19.31 to 19.39, Wis. Stats. When submitting monitoring data, the owner or operator of the facility, practice or activity is required to notify the Department in writing that a groundwater standard or an explosive gas level has been attained or exceeded, as specified in ss. NR 140.24(1)(a); NR 140.26(1)(a); NR 507.30NR 635.14(9)(a); NR 635.18(20) and NR 507.30, Wis. Adm. Code. Failure to report may result in fines, forfeitures or other penalties resulting from enforcement under ss. 289.97, 291.97 or 299.95, Wis. Stats.

Instructions:

- Prepare one form for each license or monitoring ID.
- Please type or print legibly.
- Attach a notification of any values that attain or exceed groundwater standards (that is, preventive action limits, enforcement standards or alternative concentration limits). The notification must include a preliminary analysis of the cause and significance of each value.
- Attach a notification of any gas values that attain or exceed explosive gas levels.
- Send the original signed form, any notification, and Electronic Data Deliverable [EDD] to: GEMS Data Submittal Contact - WA/5
Bureau of Waste Management
Wisconsin Department of Natural Resources
101 South Webster Street
Madison WI 53707-7921

Monitoring Data Submittal Information

Name of entity submitting data (laboratory, consultant, facility owner):

SCS Engineers

Contact for questions about data formatting. Include data preparer's name, telephone number and E-mail address:

Name: Gary Sterkel

Phone: (262) 345-1220

E-mail: gsterkel@scsengineers.com

Facility name:	License # / Monitoring ID	Facility ID [FID]	Actual sampling dates (e.g., July 2-6, 2003)
Barrett Landfill	01940	268134130	12/22-23/2014 12/29-30/2014 1/12/2015

The enclosed results are for sampling required in the month(s) of: (e.g., June 2003)

December 2014

Type of Data Submitted (Check all that apply)

- | | |
|---|---|
| <input checked="" type="checkbox"/> Groundwater monitoring data from monitoring wells | <input checked="" type="checkbox"/> Gas monitoring data |
| <input checked="" type="checkbox"/> Groundwater monitoring data from private water supply wells | <input type="checkbox"/> Air monitoring data |
| <input type="checkbox"/> Leachate monitoring data | <input type="checkbox"/> Other (specify) _____ |

Notification attached?

- No. No groundwater standards or explosive gas limits were exceeded.
- Yes, a notification of values exceeding a groundwater standard is attached. It includes a list of monitoring points, dates, sample values, groundwater standard and preliminary analysis of the cause and significance of any concentration.
- Yes, a notification of values exceeding an explosive gas limit is attached. It includes the monitoring points, dates, sample values and explosive gas limits.

Certification

To the best of my knowledge, the information reported and statements made on this data submittal and attachments are true and correct. Furthermore, I have attached complete notification of any sampling values meeting or exceeding groundwater standards or explosive gas levels, and a preliminary analysis of the cause and significance of concentrations exceeding groundwater standards.

Gary Sterkel


Environmental Specialist

(262) 345-1220

Facility Representative Name (Print)

Title

(Area Code) Telephone No.


Signature

2/13/15
Date

FOR DNR USE ONLY. Check action taken, and record date and your initials. Describe on back side if necessary.

Found uploading problems on _____ Initials _____

Notified contact of problems on _____ Uploaded data successfully on _____

EDD format(s): Diskette CD (initial submittal and follow-up) E-mail (follow-up only) Other _____

ATTACHMENT D

Gas Probe Monitoring Data
Barrett Landfill

**BARRETT LANDFILL
GAS MONITORING PROGRAM
DATA SHEET**

ANALYST: Gary Sterkel

SAMPLE DATE: 12/30/14

GAS INSTRUMENT: GEM 2000

SERIAL NO: GMO7198

CALIBRATION DATE: 12/30/14

METHOD: Standard Gas Expiration Date 3/7/16

PRESSURE INSTRUMENT: GEM 2000

SERIAL NO: GMO7198

WEATHER CONDITIONS: Rain Wind S 10mph

TEMPERATURE: 34 Deg F

BAROMETRIC PRESSURE: 757.46 mm Hg

GROUND CONDITIONS: Frozen/Snow Covered

BAROMETRIC TREND: Falling

PROBE	GP-1	GP-2S	GP-2D	GP-3S	GP-3M
% METHANE	0	0	0	0	0
% CARBON DIOXIDE	0.4	0.0	0.1	3.3	0.1
% OXYGEN	19.5	20.9	20.7	12.7	20.7

PROBE	GP-3D	GP-5S	GP-5M	GP-5D	GP-6S
% METHANE	0	0	0	0	0
% CARBON DIOXIDE	0.0	4.5	5.4	4.1	0.6
% OXYGEN	20.9	15.5	15.6	16.2	20.3

PROBE	GP-6M	GP-6D	GP-8S	GP-8M	GP-8D
% METHANE	0.5	0	1.1	0	0
% CARBON DIOXIDE	1.1	0.1	12.5	0.0	1.2
% OXYGEN	18.3	20.9	3.9	20.9	18.2

PROBE	GP-9S	GP-9M	GP-9D	GP10S	GP-10M
% METHANE	0	0	0	0	0
% CARBON DIOXIDE	1.2	0.0	0.4	0.1	0.2
% OXYGEN	20.2	20.9	20.6	20.5	20.5

PROBE	GP-10D	GP-11S	GP-11M	GP-11D	GP-12S
% METHANE	0	0	0	0	0
% CARBON DIOXIDE	0.0	1.3	0.0	0.0	0.0
% OXYGEN	20.6	19.5	20.6	20.6	20.9

PROBE	GP-12M	GP-12D			
% METHANE	0	0			
% CARBON DIOXIDE	0.0	0.0			
% OXYGEN	20.9	20.9			

Comments:

1: All Readings are 0 to 100% methane by volume in air

2: Pressure readings were not collected as probes are open to Atmosphere

ATTACHMENT E

Data Summary
Barrett Landfill

Barrett Landfill

New Berlin, WI

Environmental Monitoring Data

License Number: 01940

Facility ID Number: 268134130

Samples Collected by:

SCS Engineers
Gary Sterkel

Samples Analyzed by:

Test America, Inc., Chicago, IL (Laboratory Certification Number: 999580010)

Descriptions for Color, Odor, and Turbidity are denoted in the units column.

Color, Odor, Turbidity: If the Results column shows 0 the parameter was present. If the Qualifier column shows N the parameter was not present.

Exceedance Key:

P* = Within the Design Management Zone (DMZ) and property boundary

P = NR 140 Preventive Action Limit or NR 500 Alternate Concentration Limit exceedance

E = NR 140 Enforcement Standard exceedance

Qualifier Flag Codes:

N = Analyte was not detected above the Limit of Detection (LOD)

J = Analyte was detected between the Limit of Detection (LOD)
and the Limit of Quantitation (LOQ) ($LOD \leq \text{result} < LOQ$)

QC Flag II Codes:

M = Met Preservation and Holding Time criteria

F = Failed Preservation and Holding Time criteria

QC Flag I Codes:

M = Analyte was not detected in Method, Trip, or Field Blanks

F = For a sample in which an analyte was detected, the analyte
was also detected in the associated Method, Trip, or Field Blanks
at concentrations which exceed the highest of the following values:

1. The limit of detection, or
2. Five percent of the lowest applicable regulatory limit, or
3. Ten percent of the measured concentration in the sample.

QC Flag III Codes:

M = Met Laboratory Quality Control Standards

F = Failed Laboratory Quality Control Standards

Barrett Landfill

License Number: 01940
 Facility ID Number: 268134130

Sample Date	Parameter	Qualifier	Value	Units	PAL	ES	Type of Exceedance	Type of Standard	QC I	QC II	QC III	RL	LOD	LOQ	WDNR Lab Cert
Sample Point: B-13A		WDNR Point ID: 911													
141222	ARSENIC-DISSOLVED AS AS	N		UG/L	1	10		Table 1	M	M	M	1.0	0.23	1.5	999580010
141222	CHLORIDE-DISSOLVED AS CL		57.0	MG/L	125	250		Table 2	M	M	F	5.0	1.9	6.3	999580010
141222	CHROMIUM-DISSOLVED AS CR	J	0.85	UG/L	10	100		Table 1	M	M	M	5.0	0.63	7.3	999580010
141222	DEPTH TO GRNDWTR		67.41	FT											
141222	LEAD-DISSOLVED AS PB	J	0.16	UG/L	1.5	15		Table 1	M	M	M	0.50	0.091	0.47	999580010
141222	MAGNESIUM-DISSOLVED AS MG		65500	UG/L					M	M	M	200	44.9	277	999580010
141222	MANGANESE-DISSOLVED AS MN		81.1	UG/L	60	300	P	Table 1	M	M	M	2.5	0.76	3.3	999580010
141222	MANGANESE-DISSOLVED AS MN		81.1	UG/L	25	50	P*	Table 2	M	M	M	2.5	0.76	3.3	999580010
141222	NITRITE PLUS NITRATE-DISSOLVED AS N	N		MG/L	2	10		Table 1	M	M	F	0.10	0.045	0.15	999580010
141222	NITROGEN-TOTAL KJELDAHL AS N	J	0.38	MG/L					M	M	M	0.40	0.29	0.98	999580010
141222	PH-FIELD		7.34	S.U.											
141222	SAMPLE COLOR	N		NONE											
141222	SAMPLE ODOR	N		NONE											
141222	SAMPLE TEMPERATURE		11.1	°C											
141222	SAMPLE TURBIDITY	N		NONE											
141222	SPECIFIC CONDUCTANCE-FIELD		1084	UMHOS/CM											
141222	SULFATE-DISSOLVED AS SO4		144	MG/L	125	250	P	Table 2	M	M	M	5.0	3.2	10.5	999580010
Sample Point: B-14A		WDNR Point ID: 903													
141222	ARSENIC-DISSOLVED AS AS	N		UG/L	1	10		Table 1	M	M	M	1.0	0.23	1.5	999580010
141222	CHLORIDE-DISSOLVED AS CL		61.3	MG/L	125	250		Table 2	M	M	M	2.0	0.76	2.5	999580010
141222	CHROMIUM-DISSOLVED AS CR		9.2	UG/L	10	100		Table 1	M	M	M	5.0	0.63	7.3	999580010
141222	DEPTH TO GRNDWTR		33.88	FT											
141222	LEAD-DISSOLVED AS PB		4.6	UG/L	1.5	15	P	Table 1	M	M	M	0.50	0.091	0.47	999580010
141222	MAGNESIUM-DISSOLVED AS MG		78900	UG/L					M	M	M	200	44.9	277	999580010
141222	MANGANESE-DISSOLVED AS MN		7.4	UG/L	60	300		Table 1	M	M	M	2.5	0.76	3.3	999580010
141222	MANGANESE-DISSOLVED AS MN		7.4	UG/L	25	50		Table 2	M	M	M	2.5	0.76	3.3	999580010
141222	NITRITE PLUS NITRATE-DISSOLVED AS N		1.2	MG/L	2	10		Table 1	M	M	F	0.10	0.045	0.15	999580010
141222	NITROGEN-TOTAL KJELDAHL AS N	N		MG/L					M	M	M	0.40	0.29	0.98	999580010
141222	PH-FIELD		7.48	S.U.											
141222	SAMPLE COLOR	N		NONE											
141222	SAMPLE ODOR	N		NONE											
141222	SAMPLE TEMPERATURE		7.5	°C											

Barrett Landfill

License Number: 01940
 Facility ID Number: 268134130

Sample Date	Parameter	Qualifier	Value	Units	PAL	ES	Type of Exceedance	Type of Standard	QC I	QC II	QC III	RL	LOD	LOQ	WDNR Lab Cert
Sample Point: B-14A		WDNR Point ID: 903													
141222	SAMPLE TURBIDITY	N		NONE											
141222	SPECIFIC CONDUCTANCE-FIELD		1120	UMHOS/CM											
141222	SULFATE-DISSOLVED AS SO4		179	MG/L	125	250	P	Table 2	M	M	M	10.0	6.4	21.0	999580010
Sample Point: B-14R		WDNR Point ID: 902													
141222	ARSENIC-DISSOLVED AS AS	J	0.40	UG/L	1	10		Table 1	M	M	M	1.0	0.23	1.5	999580010
141222	CHLORIDE-DISSOLVED AS CL		6.9	MG/L	125	250		Table 2	M	M	M	0.40	0.15	0.50	999580010
141222	CHROMIUM-DISSOLVED AS CR		20.5	UG/L	10	100	P	Table 1	M	M	M	5.0	0.63	7.3	999580010
141222	DEPTH TO GRNDWTR		33.38	FT											
141222	LEAD-DISSOLVED AS PB		6.7	UG/L	1.5	15	P	Table 1	M	M	M	0.50	0.091	0.47	999580010
141222	MAGNESIUM-DISSOLVED AS MG		68000	UG/L					M	M	M	200	44.9	277	999580010
141222	MANGANESE-DISSOLVED AS MN		6.9	UG/L	60	300		Table 1	M	M	M	2.5	0.76	3.3	999580010
141222	MANGANESE-DISSOLVED AS MN		6.9	UG/L	25	50		Table 2	M	M	M	2.5	0.76	3.3	999580010
141222	NITRITE PLUS NITRATE-DISSOLVED AS N		3.6	MG/L	2	10	P	Table 1	M	M	F	0.20	0.090	0.30	999580010
141222	NITROGEN-TOTAL KJELDAHL AS N		0.51	MG/L					M	M	M	0.40	0.29	0.98	999580010
141222	PH-FIELD		7.45	S.U.											
141222	SAMPLE COLOR	N		NONE											
141222	SAMPLE ODOR	N		NONE											
141222	SAMPLE TEMPERATURE		7.5	°C											
141222	SAMPLE TURBIDITY		0	NONE											
141222	SPECIFIC CONDUCTANCE-FIELD		899	UMHOS/CM											
141222	SULFATE-DISSOLVED AS SO4		69.0	MG/L	125	250		Table 2	M	M	M	4.0	2.5	8.4	999580010
Sample Point: B-15		WDNR Point ID: 225													
141222	ARSENIC-DISSOLVED AS AS		9.5	UG/L	1	10	P	Table 1	M	M	M	1.0	0.23	1.5	999580010
141222	CHLORIDE-DISSOLVED AS CL		108	MG/L	125	250		Table 2	M	M	M	4.0	1.5	5.0	999580010
141222	CHROMIUM-DISSOLVED AS CR		667	UG/L	10	100	P*	Table 1	M	M	M	10.0	1.3	14.5	999580010
141222	DEPTH TO GRNDWTR		35.65	FT											
141222	LEAD-DISSOLVED AS PB		97.1	UG/L	1.5	15	P*	Table 1	M	M	M	1.0	0.18	0.94	999580010
141222	MAGNESIUM-DISSOLVED AS MG		394000	UG/L					M	M	M	400	89.8	554	999580010
141222	MANGANESE-DISSOLVED AS MN		145	UG/L	60	300	P	Table 1	M	M	M	2.5	0.76	3.3	999580010
141222	MANGANESE-DISSOLVED AS MN		145	UG/L	25	50	P*	Table 2	M	M	M	2.5	0.76	3.3	999580010
141222	NITRITE PLUS NITRATE-DISSOLVED AS N	N		MG/L	2	10		Table 1	M	M	F	0.10	0.045	0.15	999580010
141222	NITROGEN-TOTAL KJELDAHL AS N		0.97	MG/L					M	M	M	0.40	0.29	0.98	999580010
141222	PH-FIELD		7.64	S.U.											

Barrett Landfill

License Number: 01940
 Facility ID Number: 268134130

Sample Date	Parameter	Qualifier	Value	Units	PAL	ES	Type of Exceedance	Type of Standard	QC I	QC II	QC III	RL	LOD	LOQ	WDNR Lab Cert
Sample Point: B-15		WDNR Point ID: 225													
141222	SAMPLE COLOR	N		NONE											
141222	SAMPLE ODOR	N		NONE											
141222	SAMPLE TEMPERATURE		5.8	°C											
141222	SAMPLE TURBIDITY		0	NONE											
141222	SPECIFIC CONDUCTANCE-FIELD		1267	UMHOS/CM											
141222	SULFATE-DISSOLVED AS SO4		40.3	MG/L	125	250		Table 2	M	M	M	4.0	2.5	8.4	999580010
Sample Point: B-15A		WDNR Point ID: 251													
141222	ARSENIC-DISSOLVED AS AS		1.5	UG/L	1	10	P	Table 1	M	M	M	1.0	0.23	1.5	999580010
141222	CHLORIDE-DISSOLVED AS CL		93.2	MG/L	125	250		Table 2	M	M	M	4.0	1.5	5.0	999580010
141222	CHROMIUM-DISSOLVED AS CR		144	UG/L	10	100	P*	Table 1	M	M	M	10.0	1.3	14.5	999580010
141222	DEPTH TO GRNDWTR		39.96	FT											
141222	LEAD-DISSOLVED AS PB		45.1	UG/L	1.5	15	P*	Table 1	M	M	M	1.0	0.18	0.94	999580010
141222	MAGNESIUM-DISSOLVED AS MG		428000	UG/L					M	M	M	400	89.8	554	999580010
141222	MANGANESE-DISSOLVED AS MN		188	UG/L	60	300	P	Table 1	M	M	M	2.5	0.76	3.3	999580010
141222	MANGANESE-DISSOLVED AS MN		188	UG/L	25	50	P*	Table 2	M	M	M	2.5	0.76	3.3	999580010
141222	NITRITE PLUS NITRATE-DISSOLVED AS N		0.14	MG/L	2	10		Table 1	M	M	F	0.10	0.045	0.15	999580010
141222	NITROGEN-TOTAL KJELDAHL AS N	J	0.29	MG/L					M	M	M	0.40	0.29	0.98	999580010
141222	PH-FIELD		7.71	S.U.											
141222	SAMPLE COLOR	N		NONE											
141222	SAMPLE ODOR	N		NONE											
141222	SAMPLE TEMPERATURE		6.4	°C											
141222	SAMPLE TURBIDITY		0	NONE											
141222	SPECIFIC CONDUCTANCE-FIELD		1018	UMHOS/CM											
141222	SULFATE-DISSOLVED AS SO4		61.2	MG/L	125	250		Table 2	M	M	M	4.0	2.5	8.4	999580010
Sample Point: B-17		WDNR Point ID: 913													
141222	ARSENIC-DISSOLVED AS AS	N		UG/L	1	10		Table 1	M	M	M	1.0	0.23	1.5	999580010
141222	CHLORIDE-DISSOLVED AS CL		147	MG/L	125	250	P	Table 2	M	M	F	5.0	1.9	6.3	999580010
141222	CHROMIUM-DISSOLVED AS CR	J	4.2	UG/L	10	100		Table 1	M	M	M	5.0	0.63	7.3	999580010
141222	DEPTH TO GRNDWTR		50.61	FT											
141222	LEAD-DISSOLVED AS PB		4.3	UG/L	1.5	15	P	Table 1	M	M	M	0.50	0.091	0.47	999580010
141222	MAGNESIUM-DISSOLVED AS MG		45700	UG/L					M	M	M	200	44.9	277	999580010
141222	MANGANESE-DISSOLVED AS MN		7.4	UG/L	60	300		Table 1	M	M	M	2.5	0.76	3.3	999580010
141222	MANGANESE-DISSOLVED AS MN		7.4	UG/L	25	50		Table 2	M	M	M	2.5	0.76	3.3	999580010

Barrett Landfill

License Number: 01940
 Facility ID Number: 268134130

Sample Date	Parameter	Qualifier	Value	Units	PAL	ES	Type of Exceedance	Type of Standard	QC I	QC II	QC III	RL	LOD	LOQ	WDNR Lab Cert
Sample Point: B-17		WDNR Point ID: 913													
141222	NITRITE PLUS NITRATE-DISSOLVED AS N		4.7	MG/L	2	10	P	Table 1	M	M	F	0.50	0.23	0.75	999580010
141222	NITROGEN-TOTAL KJELDAHL AS N		0.42	MG/L					M	M	M	0.40	0.29	0.98	999580010
141222	PH-FIELD		7.52	S.U.											
141222	SAMPLE COLOR	N		NONE											
141222	SAMPLE ODOR	N		NONE											
141222	SAMPLE TEMPERATURE		6.0	°C											
141222	SAMPLE TURBIDITY		0	NONE											
141222	SPECIFIC CONDUCTANCE-FIELD		1245	UMHOS/CM											
141222	SULFATE-DISSOLVED AS SO4		51.0	MG/L	125	250		Table 2	M	M	M	4.0	2.5	8.4	999580010
Sample Point: B-17A		WDNR Point ID: 914													
141222	ARSENIC-DISSOLVED AS AS	N		UG/L	1	10		Table 1	M	M	M	1.0	0.23	1.5	999580010
141222	CHLORIDE-DISSOLVED AS CL		18.3	MG/L	125	250		Table 2	M	M	F	1.0	0.38	1.3	999580010
141222	CHROMIUM-DISSOLVED AS CR	N		UG/L	10	100		Table 1	M	M	M	5.0	0.63	7.3	999580010
141222	DEPTH TO GRNDWTR		50.8	FT											
141222	LEAD-DISSOLVED AS PB	J	0.16	UG/L	1.5	15		Table 1	M	M	M	0.50	0.091	0.47	999580010
141222	MAGNESIUM-DISSOLVED AS MG		44000	UG/L					M	M	M	200	44.9	277	999580010
141222	MANGANESE-DISSOLVED AS MN		16.7	UG/L	60	300		Table 1	M	M	M	2.5	0.76	3.3	999580010
141222	MANGANESE-DISSOLVED AS MN		16.7	UG/L	25	50		Table 2	M	M	M	2.5	0.76	3.3	999580010
141222	NITRITE PLUS NITRATE-DISSOLVED AS N		0.21	MG/L	2	10		Table 1	M	M	F	0.10	0.045	0.15	999580010
141222	NITROGEN-TOTAL KJELDAHL AS N	N		MG/L					M	M	M	0.40	0.29	0.98	999580010
141222	PH-FIELD		7.58	S.U.											
141222	SAMPLE COLOR	N		NONE											
141222	SAMPLE ODOR	N		NONE											
141222	SAMPLE TEMPERATURE		6.3	°C											
141222	SAMPLE TURBIDITY	N		NONE											
141222	SPECIFIC CONDUCTANCE-FIELD		772	UMHOS/CM											
141222	SULFATE-DISSOLVED AS SO4		44.6	MG/L	125	250		Table 2	M	M	M	1.0	0.64	2.1	999580010
Sample Point: B-18A		WDNR Point ID: 915													
141223	ARSENIC-DISSOLVED AS AS	N		UG/L	1	10		Table 1	M	M	M	1.0	0.23	1.5	999580010
141223	CHLORIDE-DISSOLVED AS CL		154	MG/L	125	250	P	Table 2	M	M	F	10.0	3.8	12.5	999580010
141223	CHROMIUM-DISSOLVED AS CR	J	3.2	UG/L	10	100		Table 1	M	M	M	5.0	0.63	7.3	999580010
141223	DEPTH TO GRNDWTR		49.26	FT											
141223	LEAD-DISSOLVED AS PB		2.6	UG/L	1.5	15	P	Table 1	M	M	M	0.50	0.091	0.47	999580010

Barrett Landfill

License Number: 01940
 Facility ID Number: 268134130

Sample Date	Parameter	Qualifier	Value	Units	PAL	ES	Type of Exceedance	Type of Standard	QC I	QC II	QC III	RL	LOD	LOQ	WDR Lab Cert
Sample Point: B-18A		WDR Point ID: 915													
141223	MAGNESIUM-DISSOLVED AS MG		54000	UG/L					M	M	M	200	44.9	277	999580010
141223	MANGANESE-DISSOLVED AS MN	J	2.1	UG/L	60	300		Table 1	M	M	M	2.5	0.76	3.3	999580010
141223	MANGANESE-DISSOLVED AS MN	J	2.1	UG/L	25	50		Table 2	M	M	M	2.5	0.76	3.3	999580010
141223	NITRITE PLUS NITRATE-DISSOLVED AS N		2.9	MG/L	2	10	P	Table 1	M	M	F	0.20	0.090	0.30	999580010
141223	NITROGEN-TOTAL KJELDAHL AS N	N		MG/L					M	M	M	0.40	0.29	0.98	999580010
141223	PH-FIELD		7.44	S.U.											
141223	SAMPLE COLOR	N		NONE											
141223	SAMPLE ODOR	N		NONE											
141223	SAMPLE TEMPERATURE		9.0	°C											
141223	SAMPLE TURBIDITY		0	NONE											
141223	SPECIFIC CONDUCTANCE-FIELD		1225	UMHOS/CM											
141223	SULFATE-DISSOLVED AS SO4		41.3	MG/L	125	250		Table 2	M	M	M	4.0	2.5	8.4	999580010
Sample Point: B-18B		WDR Point ID: 916													
141223	ARSENIC-DISSOLVED AS AS	N		UG/L	1	10		Table 1	M	M	M	1.0	0.23	1.5	999580010
141223	CHLORIDE-DISSOLVED AS CL		149	MG/L	125	250	P	Table 2	M	M	F	10.0	3.8	12.5	999580010
141223	CHROMIUM-DISSOLVED AS CR		11.7	UG/L	10	100	P	Table 1	M	M	M	5.0	0.63	7.3	999580010
141223	DEPTH TO GRNDWTR		50.08	FT											
141223	LEAD-DISSOLVED AS PB		4.3	UG/L	1.5	15	P	Table 1	M	M	M	0.50	0.091	0.47	999580010
141223	MAGNESIUM-DISSOLVED AS MG		47800	UG/L					M	M	M	200	44.9	277	999580010
141223	MANGANESE-DISSOLVED AS MN		26.1	UG/L	60	300		Table 1	M	M	M	2.5	0.76	3.3	999580010
141223	MANGANESE-DISSOLVED AS MN		26.1	UG/L	25	50	P	Table 2	M	M	M	2.5	0.76	3.3	999580010
141223	NITRITE PLUS NITRATE-DISSOLVED AS N		10.1	MG/L	2	10	E	Table 1	M	M	F	1.0	0.45	1.5	999580010
141223	NITROGEN-TOTAL KJELDAHL AS N	N		MG/L					M	M	M	0.40	0.29	0.98	999580010
141223	PH-FIELD		7.51	S.U.											
141223	SAMPLE COLOR	N		NONE											
141223	SAMPLE ODOR	N		NONE											
141223	SAMPLE TEMPERATURE		8.7	°C											
141223	SAMPLE TURBIDITY		0	NONE											
141223	SPECIFIC CONDUCTANCE-FIELD		1164	UMHOS/CM											
141223	SULFATE-DISSOLVED AS SO4		40.1	MG/L	125	250		Table 2	M	M	M	4.0	2.5	8.4	999580010
Sample Point: B-19A		WDR Point ID: 904													
141222	ARSENIC-DISSOLVED AS AS	J	0.62	UG/L	1	10		Table 1	M	M	M	1.0	0.23	1.5	999580010
141222	CHLORIDE-DISSOLVED AS CL		104	MG/L	125	250		Table 2	M	M	F	4.0	1.5	5.0	999580010

Barrett Landfill

License Number: 01940
 Facility ID Number: 268134130

Sample Date	Parameter	Qualifier	Value	Units	PAL	ES	Type of Exceedance	Type of Standard	QC I	QC II	QC III	RL	LOD	LOQ	WDNR Lab Cert
Sample Point: B-19A		WDNR Point ID: 904													
141222	CHROMIUM-DISSOLVED AS CR	J	1.8	UG/L	10	100		Table 1	M	M	M	5.0	0.63	7.3	999580010
141222	DEPTH TO GRNDWTR		48.65	FT											
141222	LEAD-DISSOLVED AS PB	J	0.27	UG/L	1.5	15		Table 1	M	M	M	0.50	0.091	0.47	999580010
141222	MAGNESIUM-DISSOLVED AS MG		60400	UG/L					M	M	M	200	44.9	277	999580010
141222	MANGANESE-DISSOLVED AS MN		20.5	UG/L	60	300		Table 1	M	M	M	2.5	0.76	3.3	999580010
141222	MANGANESE-DISSOLVED AS MN		20.5	UG/L	25	50		Table 2	M	M	M	2.5	0.76	3.3	999580010
141222	NITRITE PLUS NITRATE-DISSOLVED AS N		3.1	MG/L	2	10	P	Table 1	M	M	F	0.20	0.090	0.30	999580010
141222	NITROGEN-TOTAL KJELDAHL AS N		0.87	MG/L					M	M	M	0.40	0.29	0.98	999580010
141222	PH-FIELD		7.46	S.U.											
141222	SAMPLE COLOR	N		NONE											
141222	SAMPLE ODOR	N		NONE											
141222	SAMPLE TEMPERATURE		13.1	°C											
141222	SAMPLE TURBIDITY	N		NONE											
141222	SPECIFIC CONDUCTANCE-FIELD		1056	UMHOS/CM											
141222	SULFATE-DISSOLVED AS SO4		47.1	MG/L	125	250		Table 2	M	M	M	4.0	2.5	8.4	999580010
Sample Point: B-21		WDNR Point ID: 252													
141222	ARSENIC-DISSOLVED AS AS	N		UG/L	1	10		Table 1	M	M	M	1.0	0.23	1.5	999580010
141222	CHLORIDE-DISSOLVED AS CL		90.0	MG/L	125	250		Table 2	M	M	M	4.0	1.5	5.0	999580010
141222	CHROMIUM-DISSOLVED AS CR	J	2.7	UG/L	10	100		Table 1	M	M	M	5.0	0.63	7.3	999580010
141222	DEPTH TO GRNDWTR		39.78	FT											
141222	LEAD-DISSOLVED AS PB		1.2	UG/L	1.5	15		Table 1	M	M	M	0.50	0.091	0.47	999580010
141222	MAGNESIUM-DISSOLVED AS MG		65800	UG/L					M	M	M	200	44.9	277	999580010
141222	MANGANESE-DISSOLVED AS MN		892	UG/L	60	300	P*	Table 1	M	M	M	2.5	0.76	3.3	999580010
141222	MANGANESE-DISSOLVED AS MN		892	UG/L	25	50	P*	Table 2	M	M	M	2.5	0.76	3.3	999580010
141222	NITRITE PLUS NITRATE-DISSOLVED AS N		0.61	MG/L	2	10		Table 1	M	M	F	0.10	0.045	0.15	999580010
141222	NITROGEN-TOTAL KJELDAHL AS N	J	0.36	MG/L					M	M	M	0.40	0.29	0.98	999580010
141222	PH-FIELD		7.4	S.U.											
141222	SAMPLE COLOR	N		NONE											
141222	SAMPLE ODOR	N		NONE											
141222	SAMPLE TEMPERATURE		6.7	°C											
141222	SAMPLE TURBIDITY	N		NONE											
141222	SPECIFIC CONDUCTANCE-FIELD		1137	UMHOS/CM											
141222	SULFATE-DISSOLVED AS SO4		83.0	MG/L	125	250		Table 2	M	M	M	4.0	2.5	8.4	999580010

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Sample Date	Parameter	Qualifier	Value	Units	PAL	ES	Type of Exceedance	Type of Standard	QC I	QC II	QC III	RL	LOD	LOQ	WDNR Lab Cert
Sample Point: B-21A		WDNR Point ID: 253													
141222	ARSENIC-DISSOLVED AS AS	N		UG/L	1	10		Table 1	M	M	M	1.0	0.23	1.5	999580010
141222	CHLORIDE-DISSOLVED AS CL		37.1	MG/L	125	250		Table 2	M	M	F	2.0	0.76	2.5	999580010
141222	CHROMIUM-DISSOLVED AS CR	N		UG/L	10	100		Table 1	M	M	M	5.0	0.63	7.3	999580010
141222	DEPTH TO GRNDWTR		40.4	FT											
141222	LEAD-DISSOLVED AS PB	J	0.18	UG/L	1.5	15		Table 1	M	M	M	0.50	0.091	0.47	999580010
141222	MAGNESIUM-DISSOLVED AS MG		35800	UG/L					M	M	M	200	44.9	277	999580010
141222	MANGANESE-DISSOLVED AS MN		34.0	UG/L	60	300		Table 1	M	M	M	2.5	0.76	3.3	999580010
141222	MANGANESE-DISSOLVED AS MN		34.0	UG/L	25	50	P	Table 2	M	M	M	2.5	0.76	3.3	999580010
141222	NITRITE PLUS NITRATE-DISSOLVED AS N	N		MG/L	2	10		Table 1	M	M	F	0.10	0.045	0.15	999580010
141222	NITROGEN-TOTAL KJELDAHL AS N	N		MG/L					M	M	M	0.40	0.29	0.98	999580010
141222	PH-FIELD		7.62	S.U.											
141222	SAMPLE COLOR	N		NONE											
141222	SAMPLE ODOR	N		NONE											
141222	SAMPLE TEMPERATURE		7.1	°C											
141222	SAMPLE TURBIDITY	N		NONE											
141222	SPECIFIC CONDUCTANCE-FIELD		754	UMHOS/CM											
141222	SULFATE-DISSOLVED AS SO4		36.7	MG/L	125	250		Table 2	M	M	M	2.0	1.3	4.2	999580010
Sample Point: B-25		WDNR Point ID: 905													
141222	ARSENIC-DISSOLVED AS AS	J	0.44	UG/L	1	10		Table 1	M	M	M	1.0	0.23	1.5	999580010
141222	CHLORIDE-DISSOLVED AS CL		18.9	MG/L	125	250		Table 2	M	M	F	1.0	0.38	1.3	999580010
141222	CHROMIUM-DISSOLVED AS CR		25.2	UG/L	10	100	P	Table 1	M	M	M	5.0	0.63	7.3	999580010
141222	DEPTH TO GRNDWTR		29.51	FT											
141222	LEAD-DISSOLVED AS PB		6.5	UG/L	1.5	15	P	Table 1	M	M	M	0.50	0.091	0.47	999580010
141222	MAGNESIUM-DISSOLVED AS MG		74400	UG/L					M	M	M	200	44.9	277	999580010
141222	MANGANESE-DISSOLVED AS MN		16.7	UG/L	60	300		Table 1	M	M	M	2.5	0.76	3.3	999580010
141222	MANGANESE-DISSOLVED AS MN		16.7	UG/L	25	50		Table 2	M	M	M	2.5	0.76	3.3	999580010
141222	NITRITE PLUS NITRATE-DISSOLVED AS N		7.4	MG/L	2	10	P	Table 1	M	M	F	0.50	0.23	0.75	999580010
141222	NITROGEN-TOTAL KJELDAHL AS N		0.74	MG/L					M	M	M	0.40	0.29	0.98	999580010
141222	PH-FIELD		7.5	S.U.											
141222	SAMPLE COLOR	N		NONE											
141222	SAMPLE ODOR	N		NONE											
141222	SAMPLE TEMPERATURE		11.2	°C											
141222	SAMPLE TURBIDITY		0	NONE											
141222	SPECIFIC CONDUCTANCE-FIELD		774	UMHOS/CM											

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Sample Point: B-25		WDNR Point ID: 905													
141222	SULFATE-DISSOLVED AS SO4		55.5	MG/L	125	250		Table 2	M	M	M	4.0	2.5	8.4	999580010
Sample Point: B-25A		WDNR Point ID: 906													
141222	ARSENIC-DISSOLVED AS AS		18.9	UG/L	1	10	P*	Table 1	M	M	M	1.0	0.23	1.5	999580010
141222	CHLORIDE-DISSOLVED AS CL		139	MG/L	125	250	P	Table 2	M	M	F	5.0	1.9	6.3	999580010
141222	CHROMIUM-DISSOLVED AS CR	J	1.7	UG/L	10	100		Table 1	M	M	M	5.0	0.63	7.3	999580010
141222	DEPTH TO GRNDWTR		30.39	FT											
141222	LEAD-DISSOLVED AS PB		3.2	UG/L	1.5	15	P	Table 1	M	M	M	0.50	0.091	0.47	999580010
141222	MAGNESIUM-DISSOLVED AS MG		67200	UG/L					M	M	M	200	44.9	277	999580010
141222	MANGANESE-DISSOLVED AS MN		7.5	UG/L	60	300		Table 1	M	M	M	2.5	0.76	3.3	999580010
141222	MANGANESE-DISSOLVED AS MN		7.5	UG/L	25	50		Table 2	M	M	M	2.5	0.76	3.3	999580010
141222	NITRITE PLUS NITRATE-DISSOLVED AS N		0.31	MG/L	2	10		Table 1	M	M	F	0.10	0.045	0.15	999580010
141222	NITROGEN-TOTAL KJELDAHL AS N		1.5	MG/L					M	M	M	0.40	0.29	0.98	999580010
141222	PH-FIELD		7.69	S.U.											
141222	SAMPLE COLOR	N		NONE											
141222	SAMPLE ODOR	N		NONE											
141222	SAMPLE TEMPERATURE		12.3	°C											
141222	SAMPLE TURBIDITY	N		NONE											
141222	SPECIFIC CONDUCTANCE-FIELD		1080	UMHOS/CM											
141222	SULFATE-DISSOLVED AS SO4		2.7	MG/L	125	250		Table 2	M	M	M	0.20	0.13	0.42	999580010
Sample Point: Pond		WDNR Point ID: 213													
141222	PH-FIELD		8.17	S.U.											
141222	SAMPLE COLOR	N		NONE											
141222	SAMPLE ODOR	N		NONE											
141222	SAMPLE TEMPERATURE		2.1	°C											
141222	SAMPLE TURBIDITY	N		NONE											
141222	SPECIFIC CONDUCTANCE-FIELD		392	UMHOS/CM											
141222	TOTAL DISSOLVED SOLIDS		270	MG/L					M	M	M	10.0	6.1	20.3	999580010
Sample Point: W-23		WDNR Point ID: 259													
141223	ARSENIC-DISSOLVED AS AS	N		UG/L	1	10		Table 1	M	M	M	1.0	0.23	1.5	999580010
141223	CHLORIDE-DISSOLVED AS CL		17.4	MG/L	125	250		Table 2	M	M	F	1.0	0.38	1.3	999580010
141223	CHROMIUM-DISSOLVED AS CR		27.3	UG/L	10	100	P	Table 1	M	M	M	10.0	1.3	14.5	999580010
141223	DEPTH TO GRNDWTR		61.76	FT											
141223	LEAD-DISSOLVED AS PB		30.6	UG/L	1.5	15	P*	Table 1	M	M	M	1.0	0.18	0.94	999580010

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Sample Point: W-23		WDR Point ID: 259													
141223	MAGNESIUM-DISSOLVED AS MG		183000	UG/L					M	M	M	400	89.8	554	999580010
141223	MANGANESE-DISSOLVED AS MN		69.6	UG/L	60	300	P	Table 1	M	M	M	2.5	0.76	3.3	999580010
141223	MANGANESE-DISSOLVED AS MN		69.6	UG/L	25	50	P*	Table 2	M	M	M	2.5	0.76	3.3	999580010
141223	NITRITE PLUS NITRATE-DISSOLVED AS N		1.8	MG/L	2	10		Table 1	M	M	F	0.10	0.045	0.15	999580010
141223	NITROGEN-TOTAL KJELDAHL AS N	N		MG/L					M	M	M	0.40	0.29	0.98	999580010
141223	PH-FIELD		7.75	S.U.											
141223	SAMPLE COLOR	N		NONE											
141223	SAMPLE ODOR	N		NONE											
141223	SAMPLE TEMPERATURE		9.3	°C											
141223	SAMPLE TURBIDITY		0	NONE											
141223	SPECIFIC CONDUCTANCE-FIELD		899	UMHOS/CM											
141223	SULFATE-DISSOLVED AS SO4		153	MG/L	125	250	P	Table 2	M	M	M	5.0	3.2	10.5	999580010
Sample Point: W-23A		WDR Point ID: 260													
141223	ARSENIC-DISSOLVED AS AS	N		UG/L	1	10		Table 1	M	M	M	1.0	0.23	1.5	999580010
141223	CHLORIDE-DISSOLVED AS CL		17.6	MG/L	125	250		Table 2	M	M	F	1.0	0.38	1.3	999580010
141223	CHROMIUM-DISSOLVED AS CR		28.3	UG/L	10	100	P	Table 1	M	M	M	5.0	0.63	7.3	999580010
141223	DEPTH TO GRNDWTR		66.65	FT											
141223	LEAD-DISSOLVED AS PB		11.9	UG/L	1.5	15	P	Table 1	M	M	M	0.50	0.091	0.47	999580010
141223	MAGNESIUM-DISSOLVED AS MG		69700	UG/L					M	M	M	200	44.9	277	999580010
141223	MANGANESE-DISSOLVED AS MN		46.4	UG/L	60	300		Table 1	M	M	M	2.5	0.76	3.3	999580010
141223	MANGANESE-DISSOLVED AS MN		46.4	UG/L	25	50	P	Table 2	M	M	M	2.5	0.76	3.3	999580010
141223	NITRITE PLUS NITRATE-DISSOLVED AS N		0.60	MG/L	2	10		Table 1	M	M	F	0.10	0.045	0.15	999580010
141223	NITROGEN-TOTAL KJELDAHL AS N	N		MG/L					M	M	M	0.40	0.29	0.98	999580010
141223	PH-FIELD		7.45	S.U.											
141223	SAMPLE COLOR	N		NONE											
141223	SAMPLE ODOR	N		NONE											
141223	SAMPLE TEMPERATURE		7.6	°C											
141223	SAMPLE TURBIDITY		0	NONE											
141223	SPECIFIC CONDUCTANCE-FIELD		809	UMHOS/CM											
141223	SULFATE-DISSOLVED AS SO4		109	MG/L	125	250		Table 2	M	M	M	5.0	3.2	10.5	999580010
Sample Point: W-24		WDR Point ID: 263													
141223	ARSENIC-DISSOLVED AS AS	N		UG/L	1	10		Table 1	M	M	M	1.0	0.23	1.5	999580010
141223	CHLORIDE-DISSOLVED AS CL		111	MG/L	125	250		Table 2	M	M	F	4.0	1.5	5.0	999580010

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Sample Point: W-24		WDNR Point ID: 263													
141223	CHROMIUM-DISSOLVED AS CR		14.9	UG/L	10	100	P	Table 1	M	M	M	10.0	1.3	14.5	999580010
141223	DEPTH TO GRNDWTR		88.55	FT											
141223	LEAD-DISSOLVED AS PB		18.6	UG/L	1.5	15	P*	Table 1	M	M	M	1.0	0.18	0.94	999580010
141223	MAGNESIUM-DISSOLVED AS MG		113000	UG/L					M	M	M	400	89.8	554	999580010
141223	MANGANESE-DISSOLVED AS MN	N		UG/L	60	300		Table 1	M	M	M	2.5	0.76	3.3	999580010
141223	MANGANESE-DISSOLVED AS MN	N		UG/L	25	50		Table 2	M	M	M	2.5	0.76	3.3	999580010
141223	NITRITE PLUS NITRATE-DISSOLVED AS N		2.1	MG/L	2	10	P	Table 1	M	M	F	0.20	0.090	0.30	999580010
141223	NITROGEN-TOTAL KJELDAHL AS N	J	0.36	MG/L					M	M	M	0.40	0.29	0.98	999580010
141223	PH-FIELD		7.85	S.U.											
141223	SAMPLE COLOR	N		NONE											
141223	SAMPLE ODOR	N		NONE											
141223	SAMPLE TEMPERATURE		5.6	°C											
141223	SAMPLE TURBIDITY		0	NONE											
141223	SPECIFIC CONDUCTANCE-FIELD		998	UMHOS/CM											
141223	SULFATE-DISSOLVED AS SO4		49.2	MG/L	125	250		Table 2	M	M	M	4.0	2.5	8.4	999580010

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Sample Point: Christ		WDNR Point ID: 953													
141229	ARSENIC-TOTAL AS AS		3.6	UG/L	1	10	P	Table 1	M	M	M	1.0	0.23	0.78	999580010
141229	CHLORIDE-TOTAL AS CL		23.3	MG/L	125	250		Table 2	M	M	M	1.0	0.38	1.3	999580010
141229	CHROMIUM-TOTAL AS CR	N		UG/L	10	100		Table 1	M	M	M	5.0	0.64	2.1	999580010
141229	LEAD-TOTAL AS PB		2.0	UG/L	1.5	15	P	Table 1	M	M	M	0.50	0.13	0.43	999580010
141229	MAGNESIUM-TOTAL AS MG		44600	UG/L					M	M	M	200	44.1	147	999580010
141229	MANGANESE-TOTAL AS MN		21.1	UG/L	60	300		Table 1	M	M	M	2.5	0.77	2.6	999580010
141229	MANGANESE-TOTAL AS MN		21.1	UG/L	25	50		Table 2	M	M	M	2.5	0.77	2.6	999580010
141229	NITRITE PLUS NITRATE-TOTAL AS N	N		MG/L	2	10		Table 1	M	M	M	0.10	0.045	0.15	999580010
141229	PH-FIELD		7.94	S.U.											
141229	SAMPLE COLOR	N		NONE											
141229	SAMPLE ODOR	N		NONE											
141229	SAMPLE TEMPERATURE		9.4	°C											
141229	SAMPLE TURBIDITY	N		NONE											
141229	SPECIFIC CONDUCTANCE-FIELD		772	UMHOS/CM											
Sample Point: Hanke		WDNR Point ID: 237													
141229	ARSENIC-TOTAL AS AS		1.6	UG/L	1	10	P	Table 1	M	M	M	1.0	0.23	0.78	999580010
141229	CHLORIDE-TOTAL AS CL		18.2	MG/L	125	250		Table 2	M	M	M	1.0	0.38	1.3	999580010
141229	CHROMIUM-TOTAL AS CR	N		UG/L	10	100		Table 1	M	M	M	5.0	0.64	2.1	999580010
141229	LEAD-TOTAL AS PB	J	0.40	UG/L	1.5	15		Table 1	M	M	M	0.50	0.13	0.43	999580010
141229	MAGNESIUM-TOTAL AS MG	J	110	UG/L					M	M	M	200	44.1	147	999580010
141229	MANGANESE-TOTAL AS MN	J	0.77	UG/L	60	300		Table 1	M	M	M	2.5	0.77	2.6	999580010
141229	MANGANESE-TOTAL AS MN	J	0.77	UG/L	25	50		Table 2	M	M	M	2.5	0.77	2.6	999580010
141229	NITRITE PLUS NITRATE-TOTAL AS N	N		MG/L	2	10		Table 1	M	M	M	0.10	0.045	0.15	999580010
141229	PH-FIELD		7.87	S.U.											
141229	SAMPLE COLOR	N		NONE											
141229	SAMPLE ODOR	N		NONE											
141229	SAMPLE TEMPERATURE		9.7	°C											
141229	SAMPLE TURBIDITY	N		NONE											
141229	SPECIFIC CONDUCTANCE-FIELD		963	UMHOS/CM											
Sample Point: Heun		WDNR Point ID: 241													
141229	ARSENIC-TOTAL AS AS	J	0.26	UG/L	1	10		Table 1	M	M	M	1.0	0.23	0.78	999580010
141229	CHLORIDE-TOTAL AS CL		99.3	MG/L	125	250		Table 2	M	M	M	4.0	1.5	5.1	999580010

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Sample Point: Heun		WDNR Point ID: 241													
141229	CHROMIUM-TOTAL AS CR	J	0.81	UG/L	10	100		Table 1	M	M	M	5.0	0.64	2.1	999580010
141229	LEAD-TOTAL AS PB		22.6	UG/L	1.5	15	E	Table 1	M	M	M	0.50	0.13	0.43	999580010
141229	MAGNESIUM-TOTAL AS MG		43100	UG/L					M	M	M	200	44.1	147	999580010
141229	MANGANESE-TOTAL AS MN		4.3	UG/L	60	300		Table 1	M	M	M	2.5	0.77	2.6	999580010
141229	MANGANESE-TOTAL AS MN		4.3	UG/L	25	50		Table 2	M	M	M	2.5	0.77	2.6	999580010
141229	NITRITE PLUS NITRATE-TOTAL AS N		0.59	MG/L	2	10		Table 1	M	M	M	0.10	0.045	0.15	999580010
141229	PH-FIELD		7.87	S.U.											
141229	SAMPLE COLOR	N		NONE											
141229	SAMPLE ODOR	N		NONE											
141229	SAMPLE TEMPERATURE		9.7	°C											
141229	SAMPLE TURBIDITY	N		NONE											
141229	SPECIFIC CONDUCTANCE-FIELD		963	UMHOS/CM											
Sample Point: Kellar		WDNR Point ID: 952													
141229	ARSENIC-TOTAL AS AS		5.6	UG/L	1	10	P	Table 1	M	M	M	1.0	0.23	0.78	999580010
141229	CHLORIDE-TOTAL AS CL		48.9	MG/L	125	250		Table 2	M	M	M	4.0	1.5	5.1	999580010
141229	CHROMIUM-TOTAL AS CR	N		UG/L	10	100		Table 1	M	M	M	5.0	0.64	2.1	999580010
141229	LEAD-TOTAL AS PB		0.98	UG/L	1.5	15		Table 1	M	M	M	0.50	0.13	0.43	999580010
141229	MAGNESIUM-TOTAL AS MG	J	88.7	UG/L					M	M	M	200	44.1	147	999580010
141229	MANGANESE-TOTAL AS MN	J	1.4	UG/L	60	300		Table 1	M	M	M	2.5	0.77	2.6	999580010
141229	MANGANESE-TOTAL AS MN	J	1.4	UG/L	25	50		Table 2	M	M	M	2.5	0.77	2.6	999580010
141229	NITRITE PLUS NITRATE-TOTAL AS N	N		MG/L	2	10		Table 1	M	M	M	0.10	0.045	0.15	999580010
141229	PH-FIELD		8.42	S.U.											
141229	SAMPLE COLOR	N		NONE											
141229	SAMPLE ODOR	N		NONE											
141229	SAMPLE TEMPERATURE		9.6	°C											
141229	SAMPLE TURBIDITY	N		NONE											
141229	SPECIFIC CONDUCTANCE-FIELD		883	UMHOS/CM											
Sample Point: Kowis		WDNR Point ID: 246													
141229	ARSENIC-TOTAL AS AS		2.1	UG/L	1	10	P	Table 1	M	M	M	1.0	0.23	0.78	999580010
141229	CHLORIDE-TOTAL AS CL		37.7	MG/L	125	250		Table 2	M	M	M	4.0	1.5	5.1	999580010
141229	CHROMIUM-TOTAL AS CR	N		UG/L	10	100		Table 1	M	M	M	5.0	0.64	2.1	999580010
141229	LEAD-TOTAL AS PB		1.5	UG/L	1.5	15	P	Table 1	M	M	M	0.50	0.13	0.43	999580010
141229	MAGNESIUM-TOTAL AS MG		46300	UG/L					M	M	M	200	44.1	147	999580010

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Sample Date	Parameter	Qualifier	Value	Units	PAL	ES	Type of Exceedance	Type of Standard	QC I	QC II	QC III	RL	LOD	LOQ	WDR Lab Cert
Sample Point: Kowis		WDR Point ID: 246													
141229	MANGANESE-TOTAL AS MN		26.8	UG/L	60	300		Table 1	M	M	M	2.5	0.77	2.6	999580010
141229	MANGANESE-TOTAL AS MN		26.8	UG/L	25	50	P	Table 2	M	M	M	2.5	0.77	2.6	999580010
141229	NITRITE PLUS NITRATE-TOTAL AS N	N		MG/L	2	10		Table 1	M	M	M	0.10	0.045	0.15	999580010
141229	PH-FIELD		7.75	S.U.											
141229	SAMPLE COLOR	N		NONE											
141229	SAMPLE ODOR	N		NONE											
141229	SAMPLE TEMPERATURE		9.2	°C											
141229	SAMPLE TURBIDITY	N		NONE											
141229	SPECIFIC CONDUCTANCE-FIELD		825	UMHOS/CM											
Sample Point: Meyer		WDR Point ID: 238													
141229	ARSENIC-TOTAL AS AS		8.0	UG/L	1	10	P	Table 1	M	M	M	1.0	0.23	0.78	999580010
141229	CHLORIDE-TOTAL AS CL		19.3	MG/L	125	250		Table 2	M	M	M	1.0	0.38	1.3	999580010
141229	CHROMIUM-TOTAL AS CR	N		UG/L	10	100		Table 1	M	M	M	5.0	0.64	2.1	999580010
141229	LEAD-TOTAL AS PB	J	0.20	UG/L	1.5	15		Table 1	M	M	M	0.50	0.13	0.43	999580010
141229	MAGNESIUM-TOTAL AS MG		46000	UG/L					M	M	M	200	44.1	147	999580010
141229	MANGANESE-TOTAL AS MN		24.8	UG/L	60	300		Table 1	M	M	M	2.5	0.77	2.6	999580010
141229	MANGANESE-TOTAL AS MN		24.8	UG/L	25	50		Table 2	M	M	M	2.5	0.77	2.6	999580010
141229	NITRITE PLUS NITRATE-TOTAL AS N	N		MG/L	2	10		Table 1	M	M	M	0.10	0.045	0.15	999580010
141229	PH-FIELD		7.63	S.U.											
141229	SAMPLE COLOR	N		NONE											
141229	SAMPLE ODOR	N		NONE											
141229	SAMPLE TEMPERATURE		13.2	°C											
141229	SAMPLE TURBIDITY	N		NONE											
141229	SPECIFIC CONDUCTANCE-FIELD		746	UMHOS/CM											
Sample Point: Sanche		WDR Point ID: 951													
141229	ARSENIC-TOTAL AS AS		6.4	UG/L	1	10	P	Table 1	M	M	M	1.0	0.23	0.78	999580010
141229	CHLORIDE-TOTAL AS CL		29.0	MG/L	125	250		Table 2	M	M	M	2.0	0.76	2.5	999580010
141229	CHROMIUM-TOTAL AS CR	J	1.2	UG/L	10	100		Table 1	M	M	M	5.0	0.64	2.1	999580010
141229	LEAD-TOTAL AS PB		5.2	UG/L	1.5	15	P	Table 1	M	M	M	0.50	0.13	0.43	999580010
141229	MAGNESIUM-TOTAL AS MG		46000	UG/L					M	M	M	200	44.1	147	999580010
141229	MANGANESE-TOTAL AS MN		55.7	UG/L	60	300		Table 1	M	M	M	2.5	0.77	2.6	999580010
141229	MANGANESE-TOTAL AS MN		55.7	UG/L	25	50	E	Table 2	M	M	M	2.5	0.77	2.6	999580010
141229	NITRITE PLUS NITRATE-TOTAL AS N	N		MG/L	2	10		Table 1	M	M	M	0.10	0.045	0.15	999580010

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Sample Date	Parameter	Qualifier	Value	Units	PAL	ES	Type of Exceedance	Type of Standard	QC I	QC II	QC III	RL	LOD	LOQ	WDRN Lab Cert
Sample Point: Sanche		WDRN Point ID: 951													
141229	PH-FIELD		7.71	S.U.											
141229	SAMPLE COLOR	N		NONE											
141229	SAMPLE ODOR	N		NONE											
141229	SAMPLE TEMPERATURE		10.9	°C											
141229	SAMPLE TURBIDITY	N		NONE											
141229	SPECIFIC CONDUCTANCE-FIELD		756	UMHOS/CM											
Sample Point: School		WDRN Point ID: 950													
150112	ARSENIC-TOTAL AS AS		1.7	UG/L	1	10	P	Table 1	M	M	M	1.0	0.19	0.78	999580010
150112	CHLORIDE-TOTAL AS CL		169	MG/L	125	250	P	Table 2	M	M	F	5.0	1.9	6.3	999580010
150112	CHROMIUM-TOTAL AS CR	N		UG/L	10	100		Table 1	M	M	M	5.0	0.50	2.1	999580010
150112	LEAD-TOTAL AS PB		1.8	UG/L	1.5	15	P	Table 1	M	M	M	0.50	0.16	0.43	999580010
150112	MAGNESIUM-TOTAL AS MG		45400	UG/L					M	M	M	200	35.1	147	999580010
150112	MANGANESE-TOTAL AS MN		137	UG/L	60	300	P	Table 1	M	M	M	2.5	1.0	2.6	999580010
150112	MANGANESE-TOTAL AS MN		137	UG/L	25	50	E	Table 2	M	M	M	2.5	1.0	2.6	999580010
150112	NITRITE PLUS NITRATE-TOTAL AS N	N		MG/L	2	10		Table 1	M	M	F	0.10	0.045	0.15	999580010
150112	PH-FIELD		7.85	S.U.											
150112	SAMPLE COLOR	N		NONE											
150112	SAMPLE ODOR	N		NONE											
150112	SAMPLE TEMPERATURE		8.2	°C											
150112	SAMPLE TURBIDITY	N		NONE											
150112	SPECIFIC CONDUCTANCE-FIELD		1121	UMHOS/CM											
Sample Point: Servi		WDRN Point ID: 239													
141229	ARSENIC-TOTAL AS AS	J	0.30	UG/L	1	10		Table 1	M	M	M	1.0	0.23	0.78	999580010
141229	CHLORIDE-TOTAL AS CL		315	MG/L	125	250	E	Table 2	M	M	M	10.0	3.8	12.7	999580010
141229	CHROMIUM-TOTAL AS CR	N		UG/L	10	100		Table 1	M	M	M	5.0	0.64	2.1	999580010
141229	LEAD-TOTAL AS PB	J	0.20	UG/L	1.5	15		Table 1	M	M	M	0.50	0.13	0.43	999580010
141229	MAGNESIUM-TOTAL AS MG		63500	UG/L					M	M	M	200	44.1	147	999580010
141229	MANGANESE-TOTAL AS MN		44.8	UG/L	60	300		Table 1	M	M	M	2.5	0.77	2.6	999580010
141229	MANGANESE-TOTAL AS MN		44.8	UG/L	25	50	P	Table 2	M	M	M	2.5	0.77	2.6	999580010
141229	NITRITE PLUS NITRATE-TOTAL AS N	N		MG/L	2	10		Table 1	M	M	M	0.10	0.045	0.15	999580010
141229	PH-FIELD		7.53	S.U.											
141229	SAMPLE COLOR	N		NONE											
141229	SAMPLE ODOR	N		NONE											

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Sample Date	Parameter	Qualifier	Value	Units	PAL	ES	Type of Exceedance	Type of Standard	QC I	QC II	QC III	RL	LOD	LOQ	WDRN Lab Cert
Sample Point: Servi		WDRN Point ID: 239													
141229	SAMPLE TEMPERATURE		6.6	°C											
141229	SAMPLE TURBIDITY	N		NONE											
141229	SPECIFIC CONDUCTANCE-FIELD		1715	UMHOS/CM											
Sample Point: Wernin		WDRN Point ID: 244													
141229	ARSENIC-TOTAL AS AS	N		UG/L	1	10		Table 1	M	M	M	1.0	0.23	0.78	999580010
141229	CHLORIDE-TOTAL AS CL		92.1	MG/L	125	250		Table 2	M	M	M	4.0	1.5	5.1	999580010
141229	CHROMIUM-TOTAL AS CR	N		UG/L	10	100		Table 1	M	M	M	5.0	0.64	2.1	999580010
141229	LEAD-TOTAL AS PB		1.4	UG/L	1.5	15		Table 1	M	M	M	0.50	0.13	0.43	999580010
141229	MAGNESIUM-TOTAL AS MG		46300	UG/L					M	M	M	200	44.1	147	999580010
141229	MANGANESE-TOTAL AS MN	J	1.1	UG/L	60	300		Table 1	M	M	M	2.5	0.77	2.6	999580010
141229	MANGANESE-TOTAL AS MN	J	1.1	UG/L	25	50		Table 2	M	M	M	2.5	0.77	2.6	999580010
141229	NITRITE PLUS NITRATE-TOTAL AS N		0.32	MG/L	2	10		Table 1	M	M	M	0.10	0.045	0.15	999580010
141229	PH-FIELD		7.72	S.U.											
141229	SAMPLE COLOR	N		NONE											
141229	SAMPLE ODOR	N		NONE											
141229	SAMPLE TEMPERATURE		9.2	°C											
141229	SAMPLE TURBIDITY	N		NONE											
141229	SPECIFIC CONDUCTANCE-FIELD		990	UMHOS/CM											
Sample Point: Whiteh		WDRN Point ID: 242													
141229	ARSENIC-TOTAL AS AS	N		UG/L	1	10		Table 1	M	M	M	1.0	0.23	0.78	999580010
141229	CHLORIDE-TOTAL AS CL		13.2	MG/L	125	250		Table 2	M	M	M	1.0	0.38	1.3	999580010
141229	CHROMIUM-TOTAL AS CR	N		UG/L	10	100		Table 1	M	M	M	5.0	0.64	2.1	999580010
141229	LEAD-TOTAL AS PB	J	0.31	UG/L	1.5	15		Table 1	M	M	M	0.50	0.13	0.43	999580010
141229	MAGNESIUM-TOTAL AS MG		43800	UG/L					M	M	M	200	44.1	147	999580010
141229	MANGANESE-TOTAL AS MN	N		UG/L	60	300		Table 1	M	M	M	2.5	0.77	2.6	999580010
141229	MANGANESE-TOTAL AS MN	N		UG/L	25	50		Table 2	M	M	M	2.5	0.77	2.6	999580010
141229	NITRITE PLUS NITRATE-TOTAL AS N		0.20	MG/L	2	10		Table 1	M	M	M	0.10	0.045	0.15	999580010
141229	PH-FIELD		7.71	S.U.											
141229	SAMPLE COLOR	N		NONE											
141229	SAMPLE ODOR	N		NONE											
141229	SAMPLE TEMPERATURE		9.5	°C											
141229	SAMPLE TURBIDITY	N		NONE											
141229	SPECIFIC CONDUCTANCE-FIELD		7	UMHOS/CM											

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Sample Point: Wyszko		WDNR Point ID: 243													
141229	ARSENIC-TOTAL AS AS	N		UG/L	1	10		Table 1	M	M	M	1.0	0.23	0.78	999580010
141229	CHLORIDE-TOTAL AS CL		31.3	MG/L	125	250		Table 2	M	M	M	2.0	0.76	2.5	999580010
141229	CHROMIUM-TOTAL AS CR	N		UG/L	10	100		Table 1	M	M	M	5.0	0.64	2.1	999580010
141229	LEAD-TOTAL AS PB		0.57	UG/L	1.5	15		Table 1	M	M	M	0.50	0.13	0.43	999580010
141229	MAGNESIUM-TOTAL AS MG		41700	UG/L					M	M	M	200	44.1	147	999580010
141229	MANGANESE-TOTAL AS MN		13.1	UG/L	60	300		Table 1	M	M	M	2.5	0.77	2.6	999580010
141229	MANGANESE-TOTAL AS MN		13.1	UG/L	25	50		Table 2	M	M	M	2.5	0.77	2.6	999580010
141229	NITRITE PLUS NITRATE-TOTAL AS N	N		MG/L	2	10		Table 1	M	M	M	0.10	0.045	0.15	999580010
141229	PH-FIELD		7.66	S.U.											
141229	SAMPLE COLOR	N		NONE											
141229	SAMPLE ODOR	N		NONE											
141229	SAMPLE TEMPERATURE		9.3	°C											
141229	SAMPLE TURBIDITY	N		NONE											
141229	SPECIFIC CONDUCTANCE-FIELD		799	UMHOS/CM											

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Sample Date	Parameter	Qualifier	Value	Units	PAL	ES	Type of Exceedance	Type of Standard	QC I	QC II	QC III	QC RL	LOD	LOQ	WDNR Lab Cert
Sample Point: GP-1		WDNR Point ID:		280											
141230	Air Temp		34	Deg F											
141230	BAROM PRES TREND	N		Steady											
141230	BAROMET PRESSURE		757.42	mm Hg											
141230	CH4 IN AIR, VOL%		0	Percent											
141230	CO2 IN AIR, VOL%		0.4	Percent											
141230	GROUND CONDITIONS	N		Frozen											
141230	O2 IN AIR, VOL%		19.5	Percent											
Sample Point: GP-2S		WDNR Point ID:		284											
141230	Air Temp		34	Deg F											
141230	BAROM PRES TREND	N		Steady											
141230	BAROMET PRESSURE		757.42	mm Hg											
141230	CH4 IN AIR, VOL%		0	Percent											
141230	CO2 IN AIR, VOL%		0	Percent											
141230	GROUND CONDITIONS	N		Frozen											
141230	O2 IN AIR, VOL%		20.9	Percent											
Sample Point: GP-2D		WDNR Point ID:		286											
141230	Air Temp		34	Deg F											
141230	BAROM PRES TREND	N		Steady											
141230	BAROMET PRESSURE		757.42	mm Hg											
141230	CH4 IN AIR, VOL%		0	Percent											
141230	CO2 IN AIR, VOL%		0.1	Percent											
141230	GROUND CONDITIONS	N		Frozen											
141230	O2 IN AIR, VOL%		20.7	Percent											
Sample Point: GP-3S		WDNR Point ID:		287											
141230	Air Temp		34	Deg F											
141230	BAROM PRES TREND	N		Steady											
141230	BAROMET PRESSURE		757.42	mm Hg											
141230	CH4 IN AIR, VOL%		0	Percent											

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Sample Point: GP-3S		WDNR Point ID:		287											
141230	CO2 IN AIR, VOL%		3.3	Percent											
141230	GROUND CONDITIONS	N		Frozen											
141230	O2 IN AIR, VOL%		12.7	Percent											
Sample Point: GP-3M		WDNR Point ID:		288											
141230	Air Temp		34	Deg F											
141230	BAROM PRES TREND	N		Steady											
141230	BAROMET PRESSURE		757.42	mm Hg											
141230	CH4 IN AIR, VOL%		0	Percent											
141230	CO2 IN AIR, VOL%		0.1	Percent											
141230	GROUND CONDITIONS	N		Frozen											
141230	O2 IN AIR, VOL%		20.7	Percent											
Sample Point: GP-3D		WDNR Point ID:		289											
141230	Air Temp		34	Deg F											
141230	BAROM PRES TREND	N		Steady											
141230	BAROMET PRESSURE		757.42	mm Hg											
141230	CH4 IN AIR, VOL%		0	Percent											
141230	CO2 IN AIR, VOL%		0	Percent											
141230	GROUND CONDITIONS	N		Frozen											
141230	O2 IN AIR, VOL%		20.9	Percent											
Sample Point: GP-5S		WDNR Point ID:		294											
141230	Air Temp		34	Deg F											
141230	BAROM PRES TREND	N		Steady											
141230	BAROMET PRESSURE		757.42	mm Hg											
141230	CH4 IN AIR, VOL%		0	Percent											
141230	CO2 IN AIR, VOL%		4.5	Percent											
141230	GROUND CONDITIONS	N		Frozen											
141230	O2 IN AIR, VOL%		15.5	Percent											

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Sample Point: GP-5M		WDNR Point ID: 295													
141230	Air Temp		34	Deg F											
141230	BAROM PRES TREND	N		Steady											
141230	BAROMET PRESSURE		757.42	mm Hg											
141230	CH4 IN AIR, VOL%		0	Percent											
141230	CO2 IN AIR, VOL%		5.4	Percent											
141230	GROUND CONDITIONS	N		Frozen											
141230	O2 IN AIR, VOL%		15.6	Percent											
Sample Point: GP-5D		WDNR Point ID: 296													
141230	Air Temp		34	Deg F											
141230	BAROM PRES TREND	N		Steady											
141230	BAROMET PRESSURE		757.42	mm Hg											
141230	CH4 IN AIR, VOL%		0	Percent											
141230	CO2 IN AIR, VOL%		4.1	Percent											
141230	GROUND CONDITIONS	N		Frozen											
141230	O2 IN AIR, VOL%		16.2	Percent											
Sample Point: GP-6S		WDNR Point ID: 297													
141230	Air Temp		34	Deg F											
141230	BAROM PRES TREND	N		Steady											
141230	BAROMET PRESSURE		757.42	mm Hg											
141230	CH4 IN AIR, VOL%		0	Percent											
141230	CO2 IN AIR, VOL%		0.6	Percent											
141230	GROUND CONDITIONS	N		Frozen											
141230	O2 IN AIR, VOL%		20.3	Percent											
Sample Point: GP-6M		WDNR Point ID: 298													
141230	Air Temp		34	Deg F											
141230	BAROM PRES TREND	N		Steady											
141230	BAROMET PRESSURE		757.42	mm Hg											
141230	CH4 IN AIR, VOL%		0.5	Percent											

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Sample Point: GP-6M		WDNR Point ID: 298													
141230	CO2 IN AIR, VOL%		1.1	Percent											
141230	GROUND CONDITIONS	N		Frozen											
141230	O2 IN AIR, VOL%		18.3	Percent											
Sample Point: GP-6D		WDNR Point ID: 299													
141230	Air Temp		34	Deg F											
141230	BAROM PRES TREND	N		Steady											
141230	BAROMET PRESSURE		757.42	mm Hg											
141230	CH4 IN AIR, VOL%		0	Percent											
141230	CO2 IN AIR, VOL%		0.1	Percent											
141230	GROUND CONDITIONS	N		Frozen											
141230	O2 IN AIR, VOL%		20.9	Percent											
Sample Point: GP-8S		WDNR Point ID: 264													
141230	Air Temp		34	Deg F											
141230	BAROM PRES TREND	N		Steady											
141230	BAROMET PRESSURE		757.42	mm Hg											
141230	CH4 IN AIR, VOL%		1.1	Percent											
141230	CO2 IN AIR, VOL%		12.5	Percent											
141230	GROUND CONDITIONS	N		Frozen											
141230	O2 IN AIR, VOL%		3.9	Percent											
Sample Point: GP-8M		WDNR Point ID: 265													
141230	Air Temp		34	Deg F											
141230	BAROM PRES TREND	N		Steady											
141230	BAROMET PRESSURE		757.42	mm Hg											
141230	CH4 IN AIR, VOL%		0	Percent											
141230	CO2 IN AIR, VOL%		0	Percent											
141230	GROUND CONDITIONS	N		Frozen											
141230	O2 IN AIR, VOL%		20.9	Percent											

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Sample Date	Parameter	Qualifier	Value	Units	PAL	ES	Type of Exceedance	Type of Standard	QC I	QC II	QC III	QC RL	LOD	LOQ	WDNR Lab Cert
Sample Point: GP-8D		WDNR Point ID: 266													
141230	Air Temp		34	Deg F											
141230	BAROM PRES TREND	N		Steady											
141230	BAROMET PRESSURE		757.42	mm Hg											
141230	CH4 IN AIR, VOL%		0	Percent											
141230	CO2 IN AIR, VOL%		1.2	Percent											
141230	GROUND CONDITIONS	N		Frozen											
141230	O2 IN AIR, VOL%		18.2	Percent											
Sample Point: GP-9S		WDNR Point ID: 267													
141230	Air Temp		34	Deg F											
141230	BAROM PRES TREND	N		Steady											
141230	BAROMET PRESSURE		757.42	mm Hg											
141230	CH4 IN AIR, VOL%		0	Percent											
141230	CO2 IN AIR, VOL%		1.2	Percent											
141230	GROUND CONDITIONS	N		Frozen											
141230	O2 IN AIR, VOL%		20.2	Percent											
Sample Point: GP-9M		WDNR Point ID: 268													
141230	Air Temp		34	Deg F											
141230	BAROM PRES TREND	N		Steady											
141230	BAROMET PRESSURE		757.42	mm Hg											
141230	CH4 IN AIR, VOL%		0	Percent											
141230	CO2 IN AIR, VOL%		0	Percent											
141230	GROUND CONDITIONS	N		Frozen											
141230	O2 IN AIR, VOL%		20.9	Percent											
Sample Point: GP-9D		WDNR Point ID: 269													
141230	Air Temp		34	Deg F											
141230	BAROM PRES TREND	N		Steady											
141230	BAROMET PRESSURE		757.42	mm Hg											
141230	CH4 IN AIR, VOL%		0	Percent											

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Sample Date	Parameter	Qualifier	Value	Units	PAL	ES	Type of Exceedance	Type of Standard	QC I	QC II	QC III	RL	LOD	LOQ	WDNR Lab Cert
Sample Point: GP-9D		WDNR Point ID: 269													
141230	CO2 IN AIR, VOL%		0.4	Percent											
141230	GROUND CONDITIONS	N		Frozen											
141230	O2 IN AIR, VOL%		20.6	Percent											
Sample Point: GP-10S		WDNR Point ID: 270													
141230	Air Temp		34	Deg F											
141230	BAROM PRES TREND	N		Steady											
141230	BAROMET PRESSURE		757.42	mm Hg											
141230	CH4 IN AIR, VOL%		0	Percent											
141230	CO2 IN AIR, VOL%		0.1	Percent											
141230	GROUND CONDITIONS	N		Frozen											
141230	O2 IN AIR, VOL%		20.5	Percent											
Sample Point: GP-10M		WDNR Point ID: 271													
141230	Air Temp		34	Deg F											
141230	BAROM PRES TREND	N		Steady											
141230	BAROMET PRESSURE		757.42	mm Hg											
141230	CH4 IN AIR, VOL%		0	Percent											
141230	CO2 IN AIR, VOL%		0.2	Percent											
141230	GROUND CONDITIONS	N		Frozen											
141230	O2 IN AIR, VOL%		20.5	Percent											
Sample Point: GP-10D		WDNR Point ID: 272													
141230	Air Temp		34	Deg F											
141230	BAROM PRES TREND	N		Steady											
141230	BAROMET PRESSURE		757.42	mm Hg											
141230	CH4 IN AIR, VOL%		0	Percent											
141230	CO2 IN AIR, VOL%		0.7	Percent											
141230	GROUND CONDITIONS	N		Frozen											
141230	O2 IN AIR, VOL%		19.8	Percent											

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Sample Date	Parameter	Qualifier	Value	Units	PAL	ES	Type of Exceedance	Type of Standard	QC I	QC II	QC III	QC RL	LOD	LOQ	WDNR Lab Cert
Sample Point: GP-11S		WDNR Point ID: 273													
141230	Air Temp		34	Deg F											
141230	BAROM PRES TREND	N		Steady											
141230	BAROMET PRESSURE		757.42	mm Hg											
141230	CH4 IN AIR, VOL%		0	Percent											
141230	CO2 IN AIR, VOL%		1.3	Percent											
141230	GROUND CONDITIONS	N		Frozen											
141230	O2 IN AIR, VOL%		19.5	Percent											
Sample Point: GP-11M		WDNR Point ID: 274													
141230	Air Temp		34	Deg F											
141230	BAROM PRES TREND	N		Steady											
141230	BAROMET PRESSURE		757.42	mm Hg											
141230	CH4 IN AIR, VOL%		0	Percent											
141230	CO2 IN AIR, VOL%		0	Percent											
141230	GROUND CONDITIONS	N		Frozen											
141230	O2 IN AIR, VOL%		20.6	Percent											
Sample Point: GP-11D		WDNR Point ID: 275													
141230	Air Temp		34	Deg F											
141230	BAROM PRES TREND	N		Steady											
141230	BAROMET PRESSURE		757.42	mm Hg											
141230	CH4 IN AIR, VOL%		0	Percent											
141230	CO2 IN AIR, VOL%		0	Percent											
141230	GROUND CONDITIONS	N		Frozen											
141230	O2 IN AIR, VOL%		20.6	Percent											
Sample Point: GP-12S		WDNR Point ID: 276													
141230	Air Temp		34	Deg F											
141230	BAROM PRES TREND	N		Steady											
141230	BAROMET PRESSURE		757.42	mm Hg											
141230	CH4 IN AIR, VOL%		0	Percent											

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Sample Date	Parameter	Qualifier	Value	Units	PAL	ES	Type of Exceedance	Type of Standard	QC I	QC II	QC III	QC RL	LOD	LOQ	WDNR Lab Cert
Sample Point: GP-12S		WDNR Point ID: 276													
141230	CO2 IN AIR, VOL%		0	Percent											
141230	GROUND CONDITIONS	N		Frozen											
141230	O2 IN AIR, VOL%		20.9	Percent											
Sample Point: GP-12M		WDNR Point ID: 277													
141230	Air Temp		34	Deg F											
141230	BAROM PRES TREND	N		Steady											
141230	BAROMET PRESSURE		757.42	mm Hg											
141230	CH4 IN AIR, VOL%		0	Percent											
141230	CO2 IN AIR, VOL%		0	Percent											
141230	GROUND CONDITIONS	N		Frozen											
141230	O2 IN AIR, VOL%		20.9	Percent											
Sample Point: GP-12D		WDNR Point ID: 278													
141230	Air Temp		34	Deg F											
141230	BAROM PRES TREND	N		Steady											
141230	BAROMET PRESSURE		757.42	mm Hg											
141230	CH4 IN AIR, VOL%		0	Percent											
141230	CO2 IN AIR, VOL%		0	Percent											
141230	GROUND CONDITIONS	N		Frozen											
141230	O2 IN AIR, VOL%		20.9	Percent											

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Sample Date	Parameter	Qualifier	Value	Units	PAL	ES	Type of Exceedance	Type of Standard	QC I	QC II	QC III	RL	LOD	LOQ	WDRN Lab Cert
Sample Point: Dup18B		WDRN Point ID: 916													
141223	ARSENIC-DISSOLVED AS AS	N		UG/L	1	10		Table 1	M	M	M	1.0	0.23	1.5	999580010
141223	CHLORIDE-DISSOLVED AS CL		155	MG/L	125	250	P	Table 2	M	M	F	5.0	1.9	6.3	999580010
141223	CHROMIUM-TOTAL AS CR		22.9	UG/L	10	100	P	Table 1	M	M	M	5.0	0.63	7.3	999580010
141223	LEAD-DISSOLVED AS PB		10.9	UG/L	1.5	15	P	Table 1	M	M	M	0.50	0.091	0.47	999580010
141223	MAGNESIUM-DISSOLVED AS MG		68000	UG/L					M	M	M	200	44.9	277	999580010
141223	MANGANESE-DISSOLVED AS MN		20.1	UG/L	60	300		Table 1	M	M	M	2.5	0.76	3.3	999580010
141223	MANGANESE-DISSOLVED AS MN		20.1	UG/L	25	50		Table 2	M	M	M	2.5	0.76	3.3	999580010
141223	NITRITE PLUS NITRATE-DISSOLVED AS N		2.6	MG/L	2	10	P	Table 1	M	M	F	0.20	0.090	0.30	999580010
141223	NITROGEN-TOTAL KJELDAHL AS N	N		MG/L					M	M	M	0.40	0.29	0.98	999580010
141223	PH-FIELD		7.52	S.U.											
141223	SAMPLE COLOR	N		NONE											
141223	SAMPLE ODOR	N		NONE											
141223	SAMPLE TEMPERATURE		8.7	°C											
141223	SAMPLE TURBIDITY		0	NONE											
141223	SPECIFIC CONDUCTANCE-FIELD		1164	UMHOS/CM											
141223	SULFATE-TOTAL AS SO4		40.8	MG/L	125	250		Table 2	M	M	M	4.0	2.5	8.4	999580010
Sample Point: DupMey		WDRN Point ID: 238													
141229	ARSENIC-TOTAL AS AS		8.2	UG/L	1	10	P	Table 1	M	M	M	1.0	0.23	0.78	999580010
141229	CHLORIDE-TOTAL AS CL		18.3	MG/L	125	250		Table 2	M	M	M	1.0	0.38	1.3	999580010
141229	CHROMIUM-TOTAL AS CR	N		UG/L	10	100		Table 1	M	M	M	5.0	0.64	2.1	999580010
141229	LEAD-TOTAL AS PB	J	0.29	UG/L	1.5	15		Table 1	M	M	M	0.50	0.13	0.43	999580010
141229	MAGNESIUM-TOTAL AS MG		44000	UG/L					M	M	M	200	44.1	147	999580010
141229	MANGANESE-TOTAL AS MN		25.1	UG/L	60	300		Table 1	M	M	M	2.5	0.77	2.6	999580010
141229	NITRITE PLUS NITRATE-TOTAL AS N	N		MG/L	2	10		Table 1	M	M	M	0.10	0.045	0.15	999580010
141229	PH-FIELD		7.60	S.U.											
141229	SAMPLE COLOR	N		NONE											
141229	SAMPLE ODOR	N		NONE											
141229	SAMPLE TEMPERATURE		13.2	°C											
141229	SAMPLE TURBIDITY	N		NONE											
141229	SPECIFIC CONDUCTANCE-FIELD		745	UMHOS/CM											