

January 29, 2024
File No. 25212002.00

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

Subject: Hagen Farm Landfill, Town of Dunkirk, Dane County, Wisconsin
WDNR License No. 02981 – FID #113176030
Fourth Quarter 2023 Environmental Data Submittal

Dear GEMS Data Submittal Contact:

Enclosed is the fourth quarter 2023 environmental data submittal for the Hagen Farm Landfill, License No. 02981. The submittal includes results from the fourth quarter (November) sampling event at the site. The results are evaluated in accordance with state solid waste requirements and formatted for submittal to the Groundwater and Environmental Monitoring System (GEMS) database. The data was collected in accordance with the requirements of the U.S. Environmental Protection Agency (U.S. EPA) approval of the Hagen Farm Site Groundwater Control Operable Unit Revised Workplan dated March 1, 2005, as amended.

SAMPLING SUMMARY

The fourth quarter sampling event, which was performed on November 28, 2023, included the collection of groundwater samples from 12 monitoring wells in the vicinity of the site. Depth to water measurements were also collected at five additional monitoring wells. The samples and associated field data were collected by SCS Engineers (SCS) staff. The samples were submitted to Eurofins Buffalo (Wisconsin Lab Certification No. 998310390) for laboratory analysis.

INFORMATION INCLUDED IN THIS SUBMITTAL

This submittal includes the following:

- A CD with the electronic data submittal file (nov23-02981.txt) from this period.
- **Attachment A**, a table that identifies the compounds that exceeded the groundwater standards identified in Chapter NR 140, Wisconsin Administrative Code (Wis. Adm. Code) (i.e., exceedances) during this sampling period.
- **Attachment B**, a table that identifies sample results between the limit of detection (LOD) and limit of quantitation (LOQ) from this sampling period.

- **Attachment C**, a completed Environmental Monitoring Data Certification [Form 4400-231(R 5/17)].
- **Attachment D**, a printout of the data from this sampling period.

SUBMITTAL NOTES

Please note the following:

- Samples were collected from all required wells and analyzed for all parameters as described in the current sampling and analysis plan except that a depth to groundwater measurement could not be obtained at one groundwater monitoring well (MW22) as the water level was below the top of the dedicated sampling pump. Thus, the groundwater elevation at that well is not included in this submittal.
- In accordance with correspondence from Waste Management of Wisconsin, Inc. (WMWI) dated July 9, 2019, the active source and groundwater control remediation components at the site, including the soil vapor extraction (SVE) and low flow air sparge (LFAS) systems, were temporarily shut down in September 2019 to assess the effectiveness of passive remediation (i.e., natural attenuation) in addressing contaminant concentrations in groundwater. As expected, concentrations of vinyl chloride (VC) and other volatile organic compounds (VOCs) have not significantly increased at monitoring wells downgradient of the LFAS or SVE systems during the approximate 4-year period since these systems were shut down. Thus, the temporary shutdown of the LFAS and SVE systems should continue.
- Results for vinyl chloride are reported from two different analytical methods, using gas chromatography/mass spectrometry (GC/MS) and selective ion methodology (SIM). The data from the two analytical methods are evaluated independently in that if both results exceeded a groundwater standard, two exceedances are reported in **Attachments A** and **D**, even though the results are from the same sample.
- 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 **D**.
- Results from this sampling period that exceed the values identified as the Enforcement Standard (ES) or Preventive Action Limit (PAL) in Chapter NR 140 Wis. Adm. Code are denoted using an E or P, respectively, in **Attachments A** and **D** of this submittal. A "P*" indicates that the well is within the Design Management Zone (DMZ) and property boundary; therefore, the well meets the point of standards criteria identified in NR 140.22 and the ES does not apply. Consistent with prior submittals, the preliminary cause and significance of concentrations exceeding groundwater standards is not presented herein. Groundwater quality has been evaluated as part of the remedial investigation for this U.S. EPA-led Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) site, and is also periodically evaluated in the annual reports for the operation and maintenance (O&M) of the selected remedy.

DATA QUALITY

The alkalinity result from analysis of the sample from OBS2C during this reporting period was qualified by the laboratory as failing Wisconsin Department of Natural Resources (WDNR) Quality Control (QC) Flag 1 criteria for data input to GEMS due to identification of the analyte in the associated laboratory method, trip or field blanks associated with the batch in which the specific sample was reported at a concentration above the specified criteria. The qualified alkalinity result is consistent with recent prior results from analysis of periodic samples from the well and there is no established screening criteria (i.e., PAL or ES), thus the qualified result is not likely to affect the overall evaluation of the data from this reporting period.

No results from this reporting period were qualified by the laboratory as failing the WDNR QC Flag 2 criteria, in that each of the samples met the preservation and holding time requirements.

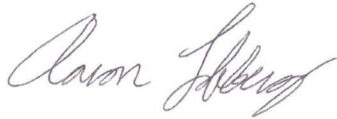
A total of 59 results associated with 6 volatile organic compounds (VOCs) from analysis using the GC/MS method (8260C) including 2-hexanone, carbon tetrachloride, chloromethane, methyl ethyl ketone (MEK), tribromomethane, and vinyl chloride (VC) from this reporting period were qualified by the laboratory as failing the WDNR QC Flag 3 criteria in that the data failed to meet laboratory quality control standards. The chloromethane result from analysis of the sample from MW22 was qualified by the laboratory as the recovery of the continuing calibration verification (CCV) sample was above the upper control limit. Since that result was non-detect, the laboratory reported the result. Each of the carbon tetrachloride, MEK and VC results, and all but one of the 2-hexanone and tribromomethane results from analysis of the 12 groundwater samples were also qualified by the laboratory as the recovery of the CCV sample was above the upper control limit and/or the recovery of the laboratory control sample (LCS) was outside the control limits. Except for the VC result from analysis of the sample from MW22, each of those qualified results were non-detect, thus the laboratory reported the results. The VC result from analysis of the sample from MW22 by Method 8260C was also qualified as an estimated concentration (i.e., J-flagged). The qualified VC results by Method 8260 (GC/MS) are supported by SIM analysis which is more reliable at lower concentrations. As such, the qualified results are not likely to affect the evaluation of data from this reporting period.

In addition to laboratory QC measures, the laboratory analyzed one trip blank (TB) and one field blank (FB) prepared in association with the fourth quarter sampling event to assess data quality. No VOCs were quantified in laboratory analysis of the TB. Two inorganic parameters (manganese and alkalinity) were quantified by the laboratory in analysis of the FB. The concentrations of the inorganic parameters in the FB are relatively low compared to typical concentrations in groundwater at the site; thus, the reported concentrations are not expected to be significant. The results are not likely indicative of a significant data quality issue, especially since dedicated sampling equipment is utilized at the site.

Given the results qualified by the laboratory and explanations summarized above, the data from this period are acceptable for use.

Please contact Ryan Baeten at Waste Management by phone at (920) 362-8133, or by email at rbaeten@wm.com, if you have any questions regarding this report.

Sincerely,



Aaron C. Lofberg
Staff Professional
SCS Engineers



Michael J. Prattke
Project Director
SCS Engineers

ACL/REO/MJP

cc: Mr. Christopher Black, U.S. EPA, e-mail transmittal only (w/o disc)
Mr. Ryan Baeten, WMWI, e-mail transmittal only (w/o disc)
Mr. Bruce LeRoy, WDNR, e-mail transmittal only (w/o disc)

Encl. Attachment A – Fourth Quarter Groundwater Sampling Event – November 2023
Identification of NR 140 Exceedances
Attachment B – Fourth Quarter Groundwater Sampling Event – November 2023
Identification of Sample Results Between the LOD and LOQ (“J-Flags”)
Attachment C – Fourth Quarter Groundwater Sampling Event – November 2023
Environmental Monitoring Data Certification [Form 4400-231 (R 5/17)]
Attachment D – Fourth Quarter Groundwater Sampling Event – November 2023
Environmental Monitoring Data

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Attachment A

Fourth Quarter Groundwater Sampling Event
November 2023
Identification of NR 140 Exceedances

Hagen Farm Landfill

Attachment A
Fourth Quarter 2023

Identification of NR 140 Exceedances

License Number: 02981
Facility ID Number: 113176030

Well	Sample		Sample Result	NR140 Standards		Units	Type of Standard	Type of Exceedance	Qualifier	RL	LOD	LOQ
	Date	Parameter		PAL	ES							
P17C	231128	IRON-DISSOLVED AS FE	1.8	0.15	0.3	MG/L	Table 2	P*		0.030	0.019	0.064
MW22	231128	IRON-DISSOLVED AS FE	16.0	0.15	0.3	MG/L	Table 2	P*		0.030	0.019	0.064
P22B	231128	IRON-DISSOLVED AS FE	2.3	0.15	0.3	MG/L	Table 2	P*		0.030	0.019	0.064
OB8M	231128	MANGANESE-DISSOLVED AS MN	128	60	300	UG/L	Table 1	P		2.0	0.40	1.3
OB8M	231128	MANGANESE-DISSOLVED AS MN	128	25	50	UG/L	Table 2	E		2.0	0.40	1.3
P17C	231128	MANGANESE-DISSOLVED AS MN	213	60	300	UG/L	Table 1	P		2.0	0.40	1.3
P17C	231128	MANGANESE-DISSOLVED AS MN	213	25	50	UG/L	Table 2	P*		2.0	0.40	1.3
MW22	231128	MANGANESE-DISSOLVED AS MN	410	60	300	UG/L	Table 1	P*		2.0	0.40	1.3
MW22	231128	MANGANESE-DISSOLVED AS MN	410	25	50	UG/L	Table 2	P*		2.0	0.40	1.3
P22B	231128	MANGANESE-DISSOLVED AS MN	197	60	300	UG/L	Table 1	P		2.0	0.40	1.3
P22B	231128	MANGANESE-DISSOLVED AS MN	197	25	50	UG/L	Table 2	P*		2.0	0.40	1.3
P32B	231128	MANGANESE-DISSOLVED AS MN	26.0	25	50	UG/L	Table 2	P		2.0	0.40	1.3
OBS2C	231128	NITRITE PLUS NITRATE-DISSOLVED AS N	4.7	2	10	MG/L AS N	Table 1	P		0.10	0.040	0.13
OB8M	231128	VINYL CHLORIDE	0.22	0.02	0.2	UG/L	Table 1	E		0.020	0.004	0.013
P17C	231128	VINYL CHLORIDE	0.11	0.02	0.2	UG/L	Table 1	P		0.020	0.004	0.013
MW22	231128	VINYL CHLORIDE	2.1	0.02	0.2	UG/L	Table 1	P*	J	1.0	0.90	3.0
MW22	231128	VINYL CHLORIDE	2.7	0.02	0.2	UG/L	Table 1	P*		0.080	0.016	0.053
P22B	231128	VINYL CHLORIDE	0.15	0.02	0.2	UG/L	Table 1	P		0.020	0.004	0.013
P26B	231128	VINYL CHLORIDE	0.29	0.02	0.2	UG/L	Table 1	P*		0.020	0.004	0.013

Hagen Farm Landfill

Attachment A
Fourth Quarter 2023

Identification of NR 140 Exceedances

License Number: 02981
Facility ID Number: 113176030

Well	Sample		Sample Result	NR140 Standards			Type of Standard	Type of Exceedance	Qualifier	RL	LOD	LOQ
	Date	Parameter		PAL	ES	Units						

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)

EX = NR 140.28 (NR 508.19) Exemptions granted for exceedance

Special Note:

J-Qualifier (Flag) indicates an estimated concentration of an analyte between the Limit of Detection (LOD) and the Limit of Quantitation (LOQ), thus the values are not quantifiable numbers and do not constitute exceedances. However, these values are reported in compliance with NR 507.26 (3)(b) and NR 140.16(5).

Vinyl chloride is analyzed by EPA Method 8260C and by Selective Ion Monitoring. The data from the two analytical methods is evaluated independently in that if both results exceeded a groundwater standard, two exceedances are reported even though the results are from the same sample.

Attachment B

Fourth Quarter Groundwater Sampling Event
November 2023

Identification of Sample Results Between the LOD and LOQ (“J-Flags”)

Hagen Farm Landfill

Attachment B
Fourth Quarter 2023

Identification of Sample Results Between the LOD and LOQ ("J-Flags")

License Number: 02981
Facility ID Number: 113176030

Well	Sample Date	Parameter	Sample Result	NR140 Standards		Units	Qualifier	RL	LOD	LOQ
				PAL	ES					
OBS1A	231128	IRON-DISSOLVED AS FE	0.029	0.15	0.3	MG/L	J	0.030	0.019	0.064
OBS1B	231128	IRON-DISSOLVED AS FE	0.020	0.15	0.3	MG/L	J	0.030	0.019	0.064
OBS1B	231128	VINYL CHLORIDE	0.0054	0.02	0.2	UG/L	J	0.020	0.004	0.013
OBS1C	231128	NITRITE PLUS NITRATE-DISSOLVED AS N	0.024	2	10	MG/L AS N	J	0.050	0.020	0.067
OBS2C	231128	IRON-DISSOLVED AS FE	0.032	0.15	0.3	MG/L	J	0.030	0.019	0.064
MW7	231128	ACETONE	6.2	1800	9000	UG/L	J	10	3.0	10
OB8M	231128	IRON-DISSOLVED AS FE	0.022	0.15	0.3	MG/L	J	0.030	0.019	0.064
P17B	231128	VINYL CHLORIDE	0.011	0.02	0.2	UG/L	J	0.020	0.004	0.013
MW22	231128	NAPHTHALENE	0.51	10	100	UG/L	J	1.0	0.43	1.4
MW22	231128	NITRITE PLUS NITRATE-DISSOLVED AS N	0.036	2	10	MG/L AS N	J	0.050	0.020	0.067
MW22	231128	TETRAHYDROFURAN	2.3	10	50	UG/L	J	5.0	1.3	4.2
MW22	231128	VINYL CHLORIDE	2.1	0.02	0.2	UG/L	J	1.0	0.90	3.0

Notes:

J = Estimated result - sample result is between the Limit of Detection (LOD) and the Limit of Quantitation (LOQ)

Special Note:

J-Qualifier (Flag) indicates an estimated concentration of an analyte between the Limit of Detection (LOD) and the Limit of Quantitation (LOQ), thus the values are not quantifiable numbers and do not constitute exceedances. However, these values are reported in compliance with NR 507.26 (3)(b) and NR 140.16(5).

Attachment C

Fourth Quarter Groundwater Sampling Event
November 2023
Environmental Monitoring Data Certification
[Form 4400-231 (R 5/17)]

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
Wisconsin Department of Natural Resources
P.O. Box 7921
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 Email address:

Name Aaron Lofberg	Phone No. (include area code) (262) 518-4082
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Email
alofberg@scsengineers.com

Facility Name
Hagen Farms Landfill

License # / Monitoring ID 02981	Facility ID (FID) 113176030
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Actual sampling dates (e.g., July 2-6, 2003) November 28, 2023	The enclosed results are for sampling required in the month(s) of: (e.g., June 2003) November 2023
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Type of Data Submitted (Check all that apply):

- | | |
|---|--|
| <input checked="" type="checkbox"/> Groundwater monitoring data from monitoring wells | <input type="checkbox"/> Gas monitoring data |
| <input 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.

Facility Representative Name (Print) Aaron Lofberg	Title Staff Professional	Phone No. (include area code) (262) 518-4082
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Signature

01/16/2024
Date Signed (mm/dd/yyyy)

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

Fourth Quarter Groundwater Sampling Event
November 2023
Environmental Monitoring Data

Hagen Farm Landfill

Attachment D

Stoughton, WI

License Number: 02981

Facility ID Number: 113176030

Fourth Quarter 2023 Environmental Monitoring Data

Samples Collected by:

SCS Engineers

Mike Kraut and William Ouimet

Samples Analyzed by:

Eurofins Buffalo, Amherst, NY (Laboratory Certification Number: 998310390)

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

EX = NR 140.28 (NR 508.19) Exemptions granted for exceedance

All exceedances take into account 40 CFR 257-258 Subtitle D standards as well as WDNR approved alternate concentration limits (ACLs)

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 2 Codes:

M = Met Preservation and Holding Time criteria

F = Failed Preservation and Holding Time criteria

QC Flag 1 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 3 Codes:

M = Met Laboratory Quality Control Standards

F = Failed Laboratory Quality Control Standards

Hagen Farm Landfill
WMI Site Number: 393

License Number: 02981
Facility ID Number: 113176030

Sample Date	Parameter	Qualifier	Value	Units	PAL	ES	Type of Exceedance	Type of Standard	QC 1	QC 2	QC 3	RL	LOD	LOQ	WDNR Lab Cert
Sample Point: OBS1A		WDNR Point ID: 010													
231128	1,1,1-TRICHLOROETHANE	N		UG/L	40	200		Table 1	M	M	M	1.0	0.82	2.7	998310390
231128	1,1,2,2-TETRACHLOROETHANE	N		UG/L	0.02	0.2		Table 1	M	M	M	1.0	0.21	0.70	998310390
231128	1,1,2-TRICHLOROETHANE	N		UG/L	0.5	5		Table 1	M	M	M	1.0	0.23	0.77	998310390
231128	1,1-DICHLOROETHANE	N		UG/L	85	850		Table 1	M	M	M	1.0	0.38	1.3	998310390
231128	1,1-DICHLOROETHYLENE	N		UG/L	0.7	7		Table 1	M	M	M	1.0	0.29	0.97	998310390
231128	1,2,4-TRICHLOROBENZENE	N		UG/L	14	70		Table 1	M	M	M	1.0	0.41	1.4	998310390
231128	1,2-DIBROMO-3-CHLOROPROPANE	N		UG/L	0.02	0.2		Table 1	M	M	M	1.0	0.39	1.3	998310390
231128	1,2-DIBROMOETHANE (EDB)	N		UG/L	0.005	0.05		Table 1	M	M	M	1.0	0.73	2.4	998310390
231128	1,2-DICHLOROETHANE	N		UG/L	0.5	5		Table 1	M	M	M	1.0	0.21	0.70	998310390
231128	1,2-DICHLOROPROPANE	N		UG/L	0.5	5		Table 1	M	M	M	1.0	0.72	2.4	998310390
231128	2-HEXANONE	N		UG/L					M	M	F	5.0	1.2	4.1	998310390
231128	4-METHYL-2-PENTANONE (MIBK)	N		UG/L	50	500		Table 1	M	M	M	5.0	2.1	7.0	998310390
231128	ACETONE	N		UG/L	1800	9000		Table 1	M	M	M	10	3.0	10	998310390
231128	ALKALINITY-TOTAL AS CaCO3 (FILT)		326	MG/L					M	M	M	50.0	20.0	66.7	998310390
231128	BENZENE	N		UG/L	0.5	5		Table 1	M	M	M	1.0	0.41	1.4	998310390
231128	BROMODICHLOROMETHANE	N		UG/L	0.06	0.6		Table 1	M	M	M	1.0	0.39	1.3	998310390
231128	BROMOMETHANE	N		UG/L	1	10		Table 1	M	M	M	1.0	0.69	2.3	998310390
231128	CARBON DISULFIDE	N		UG/L	200	1000		Table 1	M	M	M	1.0	0.19	0.63	998310390
231128	CARBON TETRACHLORIDE	N		UG/L	0.5	5		Table 1	M	M	F	1.0	0.27	0.90	998310390
231128	CHLOROBENZENE	N		UG/L	20	100		Table 1	M	M	M	1.0	0.75	2.5	998310390
231128	CHLOROETHANE	N		UG/L	80	400		Table 1	M	M	M	1.0	0.32	1.1	998310390
231128	CHLOROFORM	N		UG/L	0.6	6		Table 1	M	M	M	1.0	0.34	1.1	998310390
231128	CHLOROMETHANE	N		UG/L	3	30		Table 1	M	M	M	1.0	0.35	1.2	998310390
231128	CIS-1,2-DICHLOROETHENE	N		UG/L	7	70		Table 1	M	M	M	1.0	0.81	2.7	998310390
231128	CIS-1,3-DICHLOROPROPENE	N		UG/L	0.04	0.4		Table 1	M	M	M	1.0	0.36	1.2	998310390
231128	DIBROMOCHLOROMETHANE	N		UG/L	6	60		Table 1	M	M	M	1.0	0.32	1.1	998310390
231128	DIBROMOMETHANE	N		UG/L					M	M	M	1.0	0.41	1.4	998310390
231128	DICHLORODIFLUOROMETHANE	N		UG/L	200	1000		Table 1	M	M	M	1.0	0.68	2.3	998310390
231128	DICHLOROMETHANE	N		UG/L	0.5	5		Table 1	M	M	M	1.0	0.44	1.5	998310390
231128	DISSOLVED OXYGEN, FIELD BY PROBE		3.5	MG/L											
231128	ETHYLBENZENE	N		UG/L	140	700		Table 1	M	M	M	1.0	0.74	2.5	998310390

Sample Date	Parameter	Qualifier	Value	Units	PAL	ES	Type of Exceedance	Type of Standard	QC 1	QC 2	QC 3	RL	LOD	LOQ	WDNR Lab Cert
Sample Point: OBS1A		WDNR Point ID: 010													
231128	FLUOROTRICHLOROMETHANE	N		UG/L	698	3490		Table 1	M	M	M	1.0	0.88	2.9	998310390
231128	GROUNDWATER ELEVATION		857.33	FT MSL											
231128	IRON-DISSOLVED AS FE	J	0.029	MG/L	0.15	0.3		Table 2	M	M	M	0.030	0.019	0.064	998310390
231128	MANGANESE-DISSOLVED AS MN		3.1	UG/L	60	300		Table 1	M	M	M	2.0	0.40	1.3	998310390
231128	MANGANESE-DISSOLVED AS MN		3.1	UG/L	25	50		Table 2	M	M	M	2.0	0.40	1.3	998310390
231128	M-DICHLOROBENZENE	N		UG/L	120	600		Table 1	M	M	M	1.0	0.78	2.6	998310390
231128	METHYL ETHYL KETONE (MEK)	N		UG/L	800	4000		Table 1	M	M	F	10	1.3	4.4	998310390
231128	METHYL TERT-BUTYL ETHER (MTBE)	N		UG/L	12	60		Table 1	M	M	M	1.0	0.16	0.53	998310390
231128	NAPHTHALENE	N		UG/L	10	100		Table 1	M	M	M	1.0	0.43	1.4	998310390
231128	NITRITE PLUS NITRATE-DISSOLVED AS N		0.14	MG/L AS N	2	10		Table 1	M	M	M	0.050	0.020	0.067	998310390
231128	O-DICHLOROBENZENE	N		UG/L	60	600		Table 1	M	M	M	1.0	0.79	2.6	998310390
231128	OXIDATION REDUCTION POTENTIAL		68.1	MILLIVOLTS											
231128	P-DICHLOROBENZENE	N		UG/L	15	75		Table 1	M	M	M	1.0	0.84	2.8	998310390
231128	PH-FIELD		7.33	SU											
231128	SAMPLE COLOR	N		NONE											
231128	SAMPLE ODOR	N		NONE											
231128	SAMPLE TEMPERATURE		10.8	DEGREES C											
231128	SAMPLE TURBIDITY	N		NONE											
231128	SPECIFIC CONDUCTANCE-FIELD		513	UMHOS/CM											
231128	STYRENE	N		UG/L	10	100		Table 1	M	M	M	1.0	0.73	2.4	998310390
231128	SULFATE-DISSOLVED AS SO4		1.8	MG/L	125	250		Table 2	M	M	M	2.0	0.35	1.2	998310390
231128	TETRACHLOROETHYLENE	N		UG/L	0.5	5		Table 1	M	M	M	1.0	0.36	1.2	998310390
231128	TETRAHYDROFURAN	N		UG/L	10	50		Table 1	M	M	M	5.0	1.3	4.2	998310390
231128	TOLUENE	N		UG/L	160	800		Table 1	M	M	M	1.0	0.51	1.7	998310390
231128	TRANS-1,2-DICHLOROETHENE (TOTAL)	N		UG/L	20	100		Table 1	M	M	M	1.0	0.90	3.0	998310390
231128	TRANS-1,3-DICHLOROPROPENE	N		UG/L	0.04	0.4		Table 1	M	M	M	1.0	0.37	1.2	998310390
231128	TRIBROMOMETHANE	N		UG/L	0.44	4.4		Table 1	M	M	F	1.0	0.26	0.87	998310390
231128	TRICHLOROETHYLENE	N		UG/L	0.5	5		Table 1	M	M	M	1.0	0.46	1.5	998310390
231128	VINYL CHLORIDE	N		UG/L	0.02	0.2		Table 1	M	M	F	1.0	0.90	3.0	998310390
231128	VINYL CHLORIDE	N		UG/L	0.02	0.2		Table 1	M	M	M	0.020	0.004	0.013	998310390
231128	XYLENES-TOTAL	N		UG/L	400	2000		Table 1	M	M	M	2.0	0.66	2.2	998310390

Hagen Farm Landfill
WMI Site Number: 393

License Number: 02981
Facility ID Number: 113176030

Sample Date	Parameter	Qualifier	Value	Units	PAL	ES	Type of Exceedance	Type of Standard	QC 1	QC 2	QC 3	RL	LOD	LOQ	WDNR Lab Cert
Sample Point: OBS1B		WDNR Point ID: 015													
231128	1,1,1-TRICHLOROETHANE	N		UG/L	40	200		Table 1	M	M	M	1.0	0.82	2.7	998310390
231128	1,1,2,2-TETRACHLOROETHANE	N		UG/L	0.02	0.2		Table 1	M	M	M	1.0	0.21	0.70	998310390
231128	1,1,2-TRICHLOROETHANE	N		UG/L	0.5	5		Table 1	M	M	M	1.0	0.23	0.77	998310390
231128	1,1-DICHLOROETHANE	N		UG/L	85	850		Table 1	M	M	M	1.0	0.38	1.3	998310390
231128	1,1-DICHLOROETHYLENE	N		UG/L	0.7	7		Table 1	M	M	M	1.0	0.29	0.97	998310390
231128	1,2,4-TRICHLOROBENZENE	N		UG/L	14	70		Table 1	M	M	M	1.0	0.41	1.4	998310390
231128	1,2-DIBROMO-3-CHLOROPROPANE	N		UG/L	0.02	0.2		Table 1	M	M	M	1.0	0.39	1.3	998310390
231128	1,2-DIBROMOETHANE (EDB)	N		UG/L	0.005	0.05		Table 1	M	M	M	1.0	0.73	2.4	998310390
231128	1,2-DICHLOROETHANE	N		UG/L	0.5	5		Table 1	M	M	M	1.0	0.21	0.70	998310390
231128	1,2-DICHLOROPROPANE	N		UG/L	0.5	5		Table 1	M	M	M	1.0	0.72	2.4	998310390
231128	2-HEXANONE	N		UG/L					M	M	F	5.0	1.2	4.1	998310390
231128	4-METHYL-2-PENTANONE (MIBK)	N		UG/L	50	500		Table 1	M	M	M	5.0	2.1	7.0	998310390
231128	ACETONE	N		UG/L	1800	9000		Table 1	M	M	M	10	3.0	10	998310390
231128	ALKALINITY-TOTAL AS CaCO3 (FILT)		604	MG/L					M	M	M	230	92.0	307	998310390
231128	BENZENE	N		UG/L	0.5	5		Table 1	M	M	M	1.0	0.41	1.4	998310390
231128	BROMODICHLOROMETHANE	N		UG/L	0.06	0.6		Table 1	M	M	M	1.0	0.39	1.3	998310390
231128	BROMOMETHANE	N		UG/L	1	10		Table 1	M	M	M	1.0	0.69	2.3	998310390
231128	CARBON DISULFIDE	N		UG/L	200	1000		Table 1	M	M	M	1.0	0.19	0.63	998310390
231128	CARBON TETRACHLORIDE	N		UG/L	0.5	5		Table 1	M	M	F	1.0	0.27	0.90	998310390
231128	CHLOROBENZENE	N		UG/L	20	100		Table 1	M	M	M	1.0	0.75	2.5	998310390
231128	CHLOROETHANE	N		UG/L	80	400		Table 1	M	M	M	1.0	0.32	1.1	998310390
231128	CHLOROFORM	N		UG/L	0.6	6		Table 1	M	M	M	1.0	0.34	1.1	998310390
231128	CHLOROMETHANE	N		UG/L	3	30		Table 1	M	M	M	1.0	0.35	1.2	998310390
231128	CIS-1,2-DICHLOROETHENE	N		UG/L	7	70		Table 1	M	M	M	1.0	0.81	2.7	998310390
231128	CIS-1,3-DICHLOROPROPENE	N		UG/L	0.04	0.4		Table 1	M	M	M	1.0	0.36	1.2	998310390
231128	DIBROMOCHLOROMETHANE	N		UG/L	6	60		Table 1	M	M	M	1.0	0.32	1.1	998310390
231128	DIBROMOMETHANE	N		UG/L					M	M	M	1.0	0.41	1.4	998310390
231128	DICHLORODIFLUOROMETHANE	N		UG/L	200	1000		Table 1	M	M	M	1.0	0.68	2.3	998310390
231128	DICHLOROMETHANE	N		UG/L	0.5	5		Table 1	M	M	M	1.0	0.44	1.5	998310390
231128	DISSOLVED OXYGEN, FIELD BY PROBE		6.1	MG/L											
231128	ETHYLBENZENE	N		UG/L	140	700		Table 1	M	M	M	1.0	0.74	2.5	998310390
231128	FLUOROTRICHLOROMETHANE	N		UG/L	698	3490		Table 1	M	M	M	1.0	0.88	2.9	998310390

Sample Date	Parameter	Qualifier	Value	Units	PAL	ES	Type of Exceedance	Type of Standard	QC 1	QC 2	QC 3	RL	LOD	LOQ	WDNR Lab Cert
Sample Point: OBS1B		WDNR Point ID: 015													
231128	GROUNDWATER ELEVATION		857.56	FT MSL											
231128	IRON-DISSOLVED AS FE	J	0.020	MG/L	0.15	0.3		Table 2	M	M	M	0.030	0.019	0.064	998310390
231128	MANGANESE-DISSOLVED AS MN		4.3	UG/L	60	300		Table 1	M	M	M	2.0	0.40	1.3	998310390
231128	MANGANESE-DISSOLVED AS MN		4.3	UG/L	25	50		Table 2	M	M	M	2.0	0.40	1.3	998310390
231128	M-DICHLOROENZENE	N		UG/L	120	600		Table 1	M	M	M	1.0	0.78	2.6	998310390
231128	METHYL ETHYL KETONE (MEK)	N		UG/L	800	4000		Table 1	M	M	F	10	1.3	4.4	998310390
231128	METHYL TERT-BUTYL ETHER (MTBE)	N		UG/L	12	60		Table 1	M	M	M	1.0	0.16	0.53	998310390
231128	NAPHTHALENE	N		UG/L	10	100		Table 1	M	M	M	1.0	0.43	1.4	998310390
231128	NITRITE PLUS NITRATE-DISSOLVED AS N		0.28	MG/L AS N	2	10		Table 1	M	M	M	0.050	0.020	0.067	998310390
231128	O-DICHLOROENZENE	N		UG/L	60	600		Table 1	M	M	M	1.0	0.79	2.6	998310390
231128	OXIDATION REDUCTION POTENTIAL		82.2	MILLIVOLTS											
231128	P-DICHLOROENZENE	N		UG/L	15	75		Table 1	M	M	M	1.0	0.84	2.8	998310390
231128	PH-FIELD		7.52	SU											
231128	SAMPLE COLOR	N		NONE											
231128	SAMPLE ODOR	N		NONE											
231128	SAMPLE TEMPERATURE		11.0	DEGREES C											
231128	SAMPLE TURBIDITY	N		NONE											
231128	SPECIFIC CONDUCTANCE-FIELD		948	UMHOS/CM											
231128	STYRENE	N		UG/L	10	100		Table 1	M	M	M	1.0	0.73	2.4	998310390
231128	SULFATE-DISSOLVED AS SO4		29.9	MG/L	125	250		Table 2	M	M	M	4.0	0.70	2.3	998310390
231128	TETRACHLOROETHYLENE	N		UG/L	0.5	5		Table 1	M	M	M	1.0	0.36	1.2	998310390
231128	TETRAHYDROFURAN	N		UG/L	10	50		Table 1	M	M	M	5.0	1.3	4.2	998310390
231128	TOLUENE	N		UG/L	160	800		Table 1	M	M	M	1.0	0.51	1.7	998310390
231128	TRANS-1,2-DICHLOROETHENE (TOTAL)	N		UG/L	20	100		Table 1	M	M	M	1.0	0.90	3.0	998310390
231128	TRANS-1,3-DICHLOROPROPENE	N		UG/L	0.04	0.4		Table 1	M	M	M	1.0	0.37	1.2	998310390
231128	TRIBROMOMETHANE	N		UG/L	0.44	4.4		Table 1	M	M	F	1.0	0.26	0.87	998310390
231128	TRICHLOROETHYLENE	N		UG/L	0.5	5		Table 1	M	M	M	1.0	0.46	1.5	998310390
231128	VINYL CHLORIDE	J	0.0054	UG/L	0.02	0.2		Table 1	M	M	M	0.020	0.004	0.013	998310390
231128	VINYL CHLORIDE	N		UG/L	0.02	0.2		Table 1	M	M	F	1.0	0.90	3.0	998310390
231128	XYLENES-TOTAL	N		UG/L	400	2000		Table 1	M	M	M	2.0	0.66	2.2	998310390
Sample Point: OBS1C		WDNR Point ID: 017													
231128	1,1,1-TRICHLOROETHANE	N		UG/L	40	200		Table 1	M	M	M	1.0	0.82	2.7	998310390

Sample Date	Parameter	Qualifier	Value	Units	PAL	ES	Type of Exceedance	Type of Standard	QC 1	QC 2	QC 3	RL	LOD	LOQ	WDNR Lab Cert
Sample Point: OBS1C		WDNR Point ID: 017													
231128	1,1,2,2-TETRACHLOROETHANE	N		UG/L	0.02	0.2		Table 1	M	M	M	1.0	0.21	0.70	998310390
231128	1,1,2-TRICHLOROETHANE	N		UG/L	0.5	5		Table 1	M	M	M	1.0	0.23	0.77	998310390
231128	1,1-DICHLOROETHANE	N		UG/L	85	850		Table 1	M	M	M	1.0	0.38	1.3	998310390
231128	1,1-DICHLOROETHYLENE	N		UG/L	0.7	7		Table 1	M	M	M	1.0	0.29	0.97	998310390
231128	1,2,4-TRICHLOROBENZENE	N		UG/L	14	70		Table 1	M	M	M	1.0	0.41	1.4	998310390
231128	1,2-DIBROMO-3-CHLOROPROPANE	N		UG/L	0.02	0.2		Table 1	M	M	M	1.0	0.39	1.3	998310390
231128	1,2-DIBROMOETHANE (EDB)	N		UG/L	0.005	0.05		Table 1	M	M	M	1.0	0.73	2.4	998310390
231128	1,2-DICHLOROETHANE	N		UG/L	0.5	5		Table 1	M	M	M	1.0	0.21	0.70	998310390
231128	1,2-DICHLOROPROPANE	N		UG/L	0.5	5		Table 1	M	M	M	1.0	0.72	2.4	998310390
231128	2-HEXANONE	N		UG/L					M	M	F	5.0	1.2	4.1	998310390
231128	4-METHYL-2-PENTANONE (MIBK)	N		UG/L	50	500		Table 1	M	M	M	5.0	2.1	7.0	998310390
231128	ACETONE	N		UG/L	1800	9000		Table 1	M	M	M	10	3.0	10	998310390
231128	ALKALINITY-TOTAL AS CaCO3 (FILT)		415	MG/L					M	M	M	50.0	20.0	66.7	998310390
231128	BENZENE	N		UG/L	0.5	5		Table 1	M	M	M	1.0	0.41	1.4	998310390
231128	BROMODICHLOROMETHANE	N		UG/L	0.06	0.6		Table 1	M	M	M	1.0	0.39	1.3	998310390
231128	BROMOMETHANE	N		UG/L	1	10		Table 1	M	M	M	1.0	0.69	2.3	998310390
231128	CARBON DISULFIDE	N		UG/L	200	1000		Table 1	M	M	M	1.0	0.19	0.63	998310390
231128	CARBON TETRACHLORIDE	N		UG/L	0.5	5		Table 1	M	M	F	1.0	0.27	0.90	998310390
231128	CHLOROBENZENE	N		UG/L	20	100		Table 1	M	M	M	1.0	0.75	2.5	998310390
231128	CHLOROETHANE	N		UG/L	80	400		Table 1	M	M	M	1.0	0.32	1.1	998310390
231128	CHLOROFORM	N		UG/L	0.6	6		Table 1	M	M	M	1.0	0.34	1.1	998310390
231128	CHLOROMETHANE	N		UG/L	3	30		Table 1	M	M	M	1.0	0.35	1.2	998310390
231128	CIS-1,2-DICHLOROETHENE	N		UG/L	7	70		Table 1	M	M	M	1.0	0.81	2.7	998310390
231128	CIS-1,3-DICHLOROPROPENE	N		UG/L	0.04	0.4		Table 1	M	M	M	1.0	0.36	1.2	998310390
231128	DIBROMOCHLOROMETHANE	N		UG/L	6	60		Table 1	M	M	M	1.0	0.32	1.1	998310390
231128	DIBROMOMETHANE	N		UG/L					M	M	M	1.0	0.41	1.4	998310390
231128	DICHLORODIFLUOROMETHANE	N		UG/L	200	1000		Table 1	M	M	M	1.0	0.68	2.3	998310390
231128	DICHLOROMETHANE	N		UG/L	0.5	5		Table 1	M	M	M	1.0	0.44	1.5	998310390
231128	DISSOLVED OXYGEN, FIELD BY PROBE		2.2	MG/L											
231128	ETHYLBENZENE	N		UG/L	140	700		Table 1	M	M	M	1.0	0.74	2.5	998310390
231128	FLUOROTRICHLOROMETHANE	N		UG/L	698	3490		Table 1	M	M	M	1.0	0.88	2.9	998310390
231128	GROUNDWATER ELEVATION		857.54	FT MSL											

Sample Date	Parameter	Qualifier	Value	Units	PAL	ES	Type of Exceedance	Type of Standard	QC 1	QC 2	QC 3	RL	LOD	LOQ	WDNR Lab Cert
Sample Point: OBS1C		WDNR Point ID: 017													
231128	IRON-DISSOLVED AS FE	N		MG/L	0.15	0.3		Table 2	M	M	M	0.030	0.019	0.064	998310390
231128	MANGANESE-DISSOLVED AS MN		2.5	UG/L	60	300		Table 1	M	M	M	2.0	0.40	1.3	998310390
231128	MANGANESE-DISSOLVED AS MN		2.5	UG/L	25	50		Table 2	M	M	M	2.0	0.40	1.3	998310390
231128	M-DICHLOROBENZENE	N		UG/L	120	600		Table 1	M	M	M	1.0	0.78	2.6	998310390
231128	METHYL ETHYL KETONE (MEK)	N		UG/L	800	4000		Table 1	M	M	F	10	1.3	4.4	998310390
231128	METHYL TERT-BUTYL ETHER (MTBE)	N		UG/L	12	60		Table 1	M	M	M	1.0	0.16	0.53	998310390
231128	NAPHTHALENE	N		UG/L	10	100		Table 1	M	M	M	1.0	0.43	1.4	998310390
231128	NITRITE PLUS NITRATE-DISSOLVED AS N	J	0.024	MG/L AS N	2	10		Table 1	M	M	M	0.050	0.020	0.067	998310390
231128	O-DICHLOROBENZENE	N		UG/L	60	600		Table 1	M	M	M	1.0	0.79	2.6	998310390
231128	OXIDATION REDUCTION POTENTIAL		52.8	MILLIVOLTS											
231128	P-DICHLOROBENZENE	N		UG/L	15	75		Table 1	M	M	M	1.0	0.84	2.8	998310390
231128	PH-FIELD		7.12	SU											
231128	SAMPLE COLOR	N		NONE											
231128	SAMPLE ODOR	N		NONE											
231128	SAMPLE TEMPERATURE		9.6	DEGREES C											
231128	SAMPLE TURBIDITY	N		NONE											
231128	SPECIFIC CONDUCTANCE-FIELD		710	UMHOS/CM											
231128	STYRENE	N		UG/L	10	100		Table 1	M	M	M	1.0	0.73	2.4	998310390
231128	SULFATE-DISSOLVED AS SO4		16.0	MG/L	125	250		Table 2	M	M	M	10.0	1.7	5.8	998310390
231128	TETRACHLOROETHYLENE	N		UG/L	0.5	5		Table 1	M	M	M	1.0	0.36	1.2	998310390
231128	TETRAHYDROFURAN	N		UG/L	10	50		Table 1	M	M	M	5.0	1.3	4.2	998310390
231128	TOLUENE	N		UG/L	160	800		Table 1	M	M	M	1.0	0.51	1.7	998310390
231128	TRANS-1,2-DICHLOROETHENE (TOTAL)	N		UG/L	20	100		Table 1	M	M	M	1.0	0.90	3.0	998310390
231128	TRANS-1,3-DICHLOROPROPENE	N		UG/L	0.04	0.4		Table 1	M	M	M	1.0	0.37	1.2	998310390
231128	TRIBROMOMETHANE	N		UG/L	0.44	4.4		Table 1	M	M	F	1.0	0.26	0.87	998310390
231128	TRICHLOROETHYLENE	N		UG/L	0.5	5		Table 1	M	M	M	1.0	0.46	1.5	998310390
231128	VINYL CHLORIDE	N		UG/L	0.02	0.2		Table 1	M	M	M	0.020	0.004	0.013	998310390
231128	VINYL CHLORIDE	N		UG/L	0.02	0.2		Table 1	M	M	F	1.0	0.90	3.0	998310390
231128	XYLENES-TOTAL	N		UG/L	400	2000		Table 1	M	M	M	2.0	0.66	2.2	998310390
Sample Point: OBS2C		WDNR Point ID: 022													
231128	1,1,1-TRICHLOROETHANE	N		UG/L	40	200		Table 1	M	M	M	1.0	0.82	2.7	998310390
231128	1,1,2,2-TETRACHLOROETHANE	N		UG/L	0.02	0.2		Table 1	M	M	M	1.0	0.21	0.70	998310390

Hagen Farm Landfill
WMI Site Number: 393

License Number: 02981
Facility ID Number: 113176030

Sample Date	Parameter	Qualifier	Value	Units	PAL	ES	Type of Exceedance	Type of Standard	QC 1	QC 2	QC 3	RL	LOD	LOQ	WDNR Lab Cert
Sample Point: OBS2C		WDNR Point ID: 022													
231128	1,1,2-TRICHLOROETHANE	N		UG/L	0.5	5		Table 1	M	M	M	1.0	0.23	0.77	998310390
231128	1,1-DICHLOROETHANE	N		UG/L	85	850		Table 1	M	M	M	1.0	0.38	1.3	998310390
231128	1,1-DICHLOROETHYLENE	N		UG/L	0.7	7		Table 1	M	M	M	1.0	0.29	0.97	998310390
231128	1,2,4-TRICHLOROENZENE	N		UG/L	14	70		Table 1	M	M	M	1.0	0.41	1.4	998310390
231128	1,2-DIBROMO-3-CHLOROPROPANE	N		UG/L	0.02	0.2		Table 1	M	M	M	1.0	0.39	1.3	998310390
231128	1,2-DIBROMOETHANE (EDB)	N		UG/L	0.005	0.05		Table 1	M	M	M	1.0	0.73	2.4	998310390
231128	1,2-DICHLOROETHANE	N		UG/L	0.5	5		Table 1	M	M	M	1.0	0.21	0.70	998310390
231128	1,2-DICHLOROPROPANE	N		UG/L	0.5	5		Table 1	M	M	M	1.0	0.72	2.4	998310390
231128	2-HEXANONE	N		UG/L					M	M	F	5.0	1.2	4.1	998310390
231128	4-METHYL-2-PENTANONE (MIBK)	N		UG/L	50	500		Table 1	M	M	M	5.0	2.1	7.0	998310390
231128	ACETONE	N		UG/L	1800	9000		Table 1	M	M	M	10	3.0	10	998310390
231128	ALKALINITY-TOTAL AS CaCO3 (FILT)		358	MG/L					F	M	M	50.0	20.0	66.7	998310390
231128	BENZENE	N		UG/L	0.5	5		Table 1	M	M	M	1.0	0.41	1.4	998310390
231128	BROMODICHLOROMETHANE	N		UG/L	0.06	0.6		Table 1	M	M	M	1.0	0.39	1.3	998310390
231128	BROMOMETHANE	N		UG/L	1	10		Table 1	M	M	M	1.0	0.69	2.3	998310390
231128	CARBON DISULFIDE	N		UG/L	200	1000		Table 1	M	M	M	1.0	0.19	0.63	998310390
231128	CARBON TETRACHLORIDE	N		UG/L	0.5	5		Table 1	M	M	F	1.0	0.27	0.90	998310390
231128	CHLOROBENZENE	N		UG/L	20	100		Table 1	M	M	M	1.0	0.75	2.5	998310390
231128	CHLOROETHANE	N		UG/L	80	400		Table 1	M	M	M	1.0	0.32	1.1	998310390
231128	CHLOROFORM	N		UG/L	0.6	6		Table 1	M	M	M	1.0	0.34	1.1	998310390
231128	CHLOROMETHANE	N		UG/L	3	30		Table 1	M	M	M	1.0	0.35	1.2	998310390
231128	CIS-1,2-DICHLOROETHENE	N		UG/L	7	70		Table 1	M	M	M	1.0	0.81	2.7	998310390
231128	CIS-1,3-DICHLOROPROPENE	N		UG/L	0.04	0.4		Table 1	M	M	M	1.0	0.36	1.2	998310390
231128	DIBROMOCHLOROMETHANE	N		UG/L	6	60		Table 1	M	M	M	1.0	0.32	1.1	998310390
231128	DIBROMOMETHANE	N		UG/L					M	M	M	1.0	0.41	1.4	998310390
231128	DICHLORODIFLUOROMETHANE	N		UG/L	200	1000		Table 1	M	M	M	1.0	0.68	2.3	998310390
231128	DICHLOROMETHANE	N		UG/L	0.5	5		Table 1	M	M	M	1.0	0.44	1.5	998310390
231128	DISSOLVED OXYGEN, FIELD BY PROBE		11.6	MG/L											
231128	ETHYLBENZENE	N		UG/L	140	700		Table 1	M	M	M	1.0	0.74	2.5	998310390
231128	FLUOROTRICHLOROMETHANE	N		UG/L	698	3490		Table 1	M	M	M	1.0	0.88	2.9	998310390
231128	GROUNDWATER ELEVATION		857.34	FT MSL											
231128	IRON-DISSOLVED AS FE	J	0.032	MG/L	0.15	0.3		Table 2	M	M	M	0.030	0.019	0.064	998310390

Sample Date	Parameter	Qualifier	Value	Units	PAL	ES	Type of Exceedance	Type of Standard	QC 1	QC 2	QC 3	RL	LOD	LOQ	WDNR Lab Cert
Sample Point: OBS2C		WDNR Point ID: 022													
231128	MANGANESE-DISSOLVED AS MN		2.7	UG/L	60	300		Table 1	M	M	M	2.0	0.40	1.3	998310390
231128	MANGANESE-DISSOLVED AS MN		2.7	UG/L	25	50		Table 2	M	M	M	2.0	0.40	1.3	998310390
231128	M-DICHLOROBENZENE	N		UG/L	120	600		Table 1	M	M	M	1.0	0.78	2.6	998310390
231128	METHYL ETHYL KETONE (MEK)	N		UG/L	800	4000		Table 1	M	M	F	10	1.3	4.4	998310390
231128	METHYL TERT-BUTYL ETHER (MTBE)	N		UG/L	12	60		Table 1	M	M	M	1.0	0.16	0.53	998310390
231128	NAPHTHALENE	N		UG/L	10	100		Table 1	M	M	M	1.0	0.43	1.4	998310390
231128	NITRITE PLUS NITRATE-DISSOLVED AS N		4.7	MG/L AS N	2	10	P	Table 1	M	M	M	0.10	0.040	0.13	998310390
231128	O-DICHLOROBENZENE	N		UG/L	60	600		Table 1	M	M	M	1.0	0.79	2.6	998310390
231128	OXIDATION REDUCTION POTENTIAL		98.5	MILLIVOLTS											
231128	P-DICHLOROBENZENE	N		UG/L	15	75		Table 1	M	M	M	1.0	0.84	2.8	998310390
231128	PH-FIELD		7.48	SU											
231128	SAMPLE COLOR	N		NONE											
231128	SAMPLE ODOR	N		NONE											
231128	SAMPLE TEMPERATURE		9.9	DEGREES C											
231128	SAMPLE TURBIDITY	N		NONE											
231128	SPECIFIC CONDUCTANCE-FIELD		710	UMHOS/CM											
231128	STYRENE	N		UG/L	10	100		Table 1	M	M	M	1.0	0.73	2.4	998310390
231128	SULFATE-DISSOLVED AS SO4		19.5	MG/L	125	250		Table 2	M	M	M	10.0	1.7	5.8	998310390
231128	TETRACHLOROETHYLENE	N		UG/L	0.5	5		Table 1	M	M	M	1.0	0.36	1.2	998310390
231128	TETRAHYDROFURAN	N		UG/L	10	50		Table 1	M	M	M	5.0	1.3	4.2	998310390
231128	TOLUENE	N		UG/L	160	800		Table 1	M	M	M	1.0	0.51	1.7	998310390
231128	TRANS-1,2-DICHLOROETHENE (TOTAL)	N		UG/L	20	100		Table 1	M	M	M	1.0	0.90	3.0	998310390
231128	TRANS-1,3-DICHLOROPROPENE	N		UG/L	0.04	0.4		Table 1	M	M	M	1.0	0.37	1.2	998310390
231128	TRIBROMOMETHANE	N		UG/L	0.44	4.4		Table 1	M	M	F	1.0	0.26	0.87	998310390
231128	TRICHLOROETHYLENE	N		UG/L	0.5	5		Table 1	M	M	M	1.0	0.46	1.5	998310390
231128	VINYL CHLORIDE	N		UG/L	0.02	0.2		Table 1	M	M	M	0.020	0.004	0.013	998310390
231128	VINYL CHLORIDE	N		UG/L	0.02	0.2		Table 1	M	M	F	1.0	0.90	3.0	998310390
231128	XYLENES-TOTAL	N		UG/L	400	2000		Table 1	M	M	M	2.0	0.66	2.2	998310390
Sample Point: MW7		WDNR Point ID: 025													
231128	1,1,1-TRICHLOROETHANE	N		UG/L	40	200		Table 1	M	M	M	1.0	0.82	2.7	998310390
231128	1,1,2,2-TETRACHLOROETHANE	N		UG/L	0.02	0.2		Table 1	M	M	M	1.0	0.21	0.70	998310390
231128	1,1,2-TRICHLOROETHANE	N		UG/L	0.5	5		Table 1	M	M	M	1.0	0.23	0.77	998310390

Sample Date	Parameter	Qualifier	Value	Units	PAL	ES	Type of Exceedance	Type of Standard	QC 1	QC 2	QC 3	RL	LOD	LOQ	WDNR Lab Cert
Sample Point: MW7		WDNR Point ID: 025													
231128	1,1-DICHLOROETHANE	N		UG/L	85	850		Table 1	M	M	M	1.0	0.38	1.3	998310390
231128	1,1-DICHLOROETHYLENE	N		UG/L	0.7	7		Table 1	M	M	M	1.0	0.29	0.97	998310390
231128	1,2,4-TRICHLOROBENZENE	N		UG/L	14	70		Table 1	M	M	M	1.0	0.41	1.4	998310390
231128	1,2-DIBROMO-3-CHLOROPROPANE	N		UG/L	0.02	0.2		Table 1	M	M	M	1.0	0.39	1.3	998310390
231128	1,2-DIBROMOETHANE (EDB)	N		UG/L	0.005	0.05		Table 1	M	M	M	1.0	0.73	2.4	998310390
231128	1,2-DICHLOROETHANE	N		UG/L	0.5	5		Table 1	M	M	M	1.0	0.21	0.70	998310390
231128	1,2-DICHLOROPROPANE	N		UG/L	0.5	5		Table 1	M	M	M	1.0	0.72	2.4	998310390
231128	2-HEXANONE	N		UG/L					M	M	F	5.0	1.2	4.1	998310390
231128	4-METHYL-2-PENTANONE (MIBK)	N		UG/L	50	500		Table 1	M	M	M	5.0	2.1	7.0	998310390
231128	ACETONE	J	6.2	UG/L	1800	9000		Table 1	M	M	M	10	3.0	10	998310390
231128	BENZENE	N		UG/L	0.5	5		Table 1	M	M	M	1.0	0.41	1.4	998310390
231128	BROMODICHLOROMETHANE	N		UG/L	0.06	0.6		Table 1	M	M	M	1.0	0.39	1.3	998310390
231128	BROMOMETHANE	N		UG/L	1	10		Table 1	M	M	M	1.0	0.69	2.3	998310390
231128	CARBON DISULFIDE	N		UG/L	200	1000		Table 1	M	M	M	1.0	0.19	0.63	998310390
231128	CARBON TETRACHLORIDE	N		UG/L	0.5	5		Table 1	M	M	F	1.0	0.27	0.90	998310390
231128	CHLOROBENZENE	N		UG/L	20	100		Table 1	M	M	M	1.0	0.75	2.5	998310390
231128	CHLOROETHANE	N		UG/L	80	400		Table 1	M	M	M	1.0	0.32	1.1	998310390
231128	CHLOROFORM	N		UG/L	0.6	6		Table 1	M	M	M	1.0	0.34	1.1	998310390
231128	CHLOROMETHANE	N		UG/L	3	30		Table 1	M	M	M	1.0	0.35	1.2	998310390
231128	CIS-1,2-DICHLOROETHENE	N		UG/L	7	70		Table 1	M	M	M	1.0	0.81	2.7	998310390
231128	CIS-1,3-DICHLOROPROPENE	N		UG/L	0.04	0.4		Table 1	M	M	M	1.0	0.36	1.2	998310390
231128	DIBROMOCHLOROMETHANE	N		UG/L	6	60		Table 1	M	M	M	1.0	0.32	1.1	998310390
231128	DIBROMOMETHANE	N		UG/L					M	M	M	1.0	0.41	1.4	998310390
231128	DICHLORODIFLUOROMETHANE	N		UG/L	200	1000		Table 1	M	M	M	1.0	0.68	2.3	998310390
231128	DICHLOROMETHANE	N		UG/L	0.5	5		Table 1	M	M	M	1.0	0.44	1.5	998310390
231128	ETHYLBENZENE	N		UG/L	140	700		Table 1	M	M	M	1.0	0.74	2.5	998310390
231128	FLUOROTRICHLOROMETHANE	N		UG/L	698	3490		Table 1	M	M	M	1.0	0.88	2.9	998310390
231128	M-DICHLOROBENZENE	N		UG/L	120	600		Table 1	M	M	M	1.0	0.78	2.6	998310390
231128	METHYL ETHYL KETONE (MEK)	N		UG/L	800	4000		Table 1	M	M	F	10	1.3	4.4	998310390
231128	METHYL TERT-BUTYL ETHER (MTBE)	N		UG/L	12	60		Table 1	M	M	M	1.0	0.16	0.53	998310390
231128	NAPHTHALENE	N		UG/L	10	100		Table 1	M	M	M	1.0	0.43	1.4	998310390
231128	O-DICHLOROBENZENE	N		UG/L	60	600		Table 1	M	M	M	1.0	0.79	2.6	998310390

Sample Date	Parameter	Qualifier	Value	Units	PAL	ES	Type of Exceedance	Type of Standard	QC 1	QC 2	QC 3	RL	LOD	LOQ	WDNR Lab Cert
Sample Point: MW7		WDNR Point ID: 025													
231128	P-DICHLOROBENZENE	N		UG/L	15	75		Table 1	M	M	M	1.0	0.84	2.8	998310390
231128	STYRENE	N		UG/L	10	100		Table 1	M	M	M	1.0	0.73	2.4	998310390
231128	TETRACHLOROETHYLENE	N		UG/L	0.5	5		Table 1	M	M	M	1.0	0.36	1.2	998310390
231128	TETRAHYDROFURAN	N		UG/L	10	50		Table 1	M	M	M	5.0	1.3	4.2	998310390
231128	TOLUENE	N		UG/L	160	800		Table 1	M	M	M	1.0	0.51	1.7	998310390
231128	TRANS-1,2-DICHLOROETHENE (TOTAL)	N		UG/L	20	100		Table 1	M	M	M	1.0	0.90	3.0	998310390
231128	TRANS-1,3-DICHLOROPROPENE	N		UG/L	0.04	0.4		Table 1	M	M	M	1.0	0.37	1.2	998310390
231128	TRIBROMOMETHANE	N		UG/L	0.44	4.4		Table 1	M	M	F	1.0	0.26	0.87	998310390
231128	TRICHLOROETHYLENE	N		UG/L	0.5	5		Table 1	M	M	M	1.0	0.46	1.5	998310390
231128	VINYL CHLORIDE	N		UG/L	0.02	0.2		Table 1	M	M	M	0.020	0.004	0.013	998310390
231128	VINYL CHLORIDE	N		UG/L	0.02	0.2		Table 1	M	M	F	1.0	0.90	3.0	998310390
231128	XYLENES-TOTAL	N		UG/L	400	2000		Table 1	M	M	M	2.0	0.66	2.2	998310390
Sample Point: OB8M		WDNR Point ID: 035													
231128	1,1,1-TRICHLOROETHANE	N		UG/L	40	200		Table 1	M	M	M	1.0	0.82	2.7	998310390
231128	1,1,2,2-TETRACHLOROETHANE	N		UG/L	0.02	0.2		Table 1	M	M	M	1.0	0.21	0.70	998310390
231128	1,1,2-TRICHLOROETHANE	N		UG/L	0.5	5		Table 1	M	M	M	1.0	0.23	0.77	998310390
231128	1,1-DICHLOROETHANE	N		UG/L	85	850		Table 1	M	M	M	1.0	0.38	1.3	998310390
231128	1,1-DICHLOROETHYLENE	N		UG/L	0.7	7		Table 1	M	M	M	1.0	0.29	0.97	998310390
231128	1,2,4-TRICHLOROBENZENE	N		UG/L	14	70		Table 1	M	M	M	1.0	0.41	1.4	998310390
231128	1,2-DIBROMO-3-CHLOROPROPANE	N		UG/L	0.02	0.2		Table 1	M	M	M	1.0	0.39	1.3	998310390
231128	1,2-DIBROMOETHANE (EDB)	N		UG/L	0.005	0.05		Table 1	M	M	M	1.0	0.73	2.4	998310390
231128	1,2-DICHLOROETHANE	N		UG/L	0.5	5		Table 1	M	M	M	1.0	0.21	0.70	998310390
231128	1,2-DICHLOROPROPANE	N		UG/L	0.5	5		Table 1	M	M	M	1.0	0.72	2.4	998310390
231128	2-HEXANONE	N		UG/L					M	M	F	5.0	1.2	4.1	998310390
231128	4-METHYL-2-PENTANONE (MIBK)	N		UG/L	50	500		Table 1	M	M	M	5.0	2.1	7.0	998310390
231128	ACETONE	N		UG/L	1800	9000		Table 1	M	M	M	10	3.0	10	998310390
231128	ALKALINITY-TOTAL AS CaCO3 (FILT)		380	MG/L					M	M	M	50.0	20.0	66.7	998310390
231128	BENZENE	N		UG/L	0.5	5		Table 1	M	M	M	1.0	0.41	1.4	998310390
231128	BROMODICHLOROMETHANE	N		UG/L	0.06	0.6		Table 1	M	M	M	1.0	0.39	1.3	998310390
231128	BROMOMETHANE	N		UG/L	1	10		Table 1	M	M	M	1.0	0.69	2.3	998310390
231128	CARBON DISULFIDE	N		UG/L	200	1000		Table 1	M	M	M	1.0	0.19	0.63	998310390
231128	CARBON TETRACHLORIDE	N		UG/L	0.5	5		Table 1	M	M	F	1.0	0.27	0.90	998310390

Hagen Farm Landfill
WMI Site Number: 393

License Number: 02981
Facility ID Number: 113176030

Sample Date	Parameter	Qualifier	Value	Units	PAL	ES	Type of Exceedance	Type of Standard	QC 1	QC 2	QC 3	RL	LOD	LOQ	WDNR Lab Cert
Sample Point: OB8M		WDNR Point ID: 035													
231128	CHLORO BENZENE	N		UG/L	20	100		Table 1	M	M	M	1.0	0.75	2.5	998310390
231128	CHLOROETHANE	N		UG/L	80	400		Table 1	M	M	M	1.0	0.32	1.1	998310390
231128	CHLOROFORM	N		UG/L	0.6	6		Table 1	M	M	M	1.0	0.34	1.1	998310390
231128	CHLOROMETHANE	N		UG/L	3	30		Table 1	M	M	M	1.0	0.35	1.2	998310390
231128	CIS-1,2-DICHLOROETHENE	N		UG/L	7	70		Table 1	M	M	M	1.0	0.81	2.7	998310390
231128	CIS-1,3-DICHLOROPROPENE	N		UG/L	0.04	0.4		Table 1	M	M	M	1.0	0.36	1.2	998310390
231128	DIBROMOCHLOROMETHANE	N		UG/L	6	60		Table 1	M	M	M	1.0	0.32	1.1	998310390
231128	DIBROMOMETHANE	N		UG/L					M	M	M	1.0	0.41	1.4	998310390
231128	DICHLORODIFLUOROMETHANE	N		UG/L	200	1000		Table 1	M	M	M	1.0	0.68	2.3	998310390
231128	DICHLOROMETHANE	N		UG/L	0.5	5		Table 1	M	M	M	1.0	0.44	1.5	998310390
231128	DISSOLVED OXYGEN, FIELD BY PROBE		10.4	MG/L											
231128	ETHYLBENZENE	N		UG/L	140	700		Table 1	M	M	M	1.0	0.74	2.5	998310390
231128	FLUOROTRICHLOROMETHANE	N		UG/L	698	3490		Table 1	M	M	M	1.0	0.88	2.9	998310390
231128	GROUNDWATER ELEVATION		853.24	FT MSL											
231128	IRON-DISSOLVED AS FE	J	0.022	MG/L	0.15	0.3		Table 2	M	M	M	0.030	0.019	0.064	998310390
231128	MANGANESE-DISSOLVED AS MN		128	UG/L	60	300	P	Table 1	M	M	M	2.0	0.40	1.3	998310390
231128	MANGANESE-DISSOLVED AS MN		128	UG/L	25	50	E	Table 2	M	M	M	2.0	0.40	1.3	998310390
231128	M-DICHLOROBENZENE	N		UG/L	120	600		Table 1	M	M	M	1.0	0.78	2.6	998310390
231128	METHYL ETHYL KETONE (MEK)	N		UG/L	800	4000		Table 1	M	M	F	10	1.3	4.4	998310390
231128	METHYL TERT-BUTYL ETHER (MTBE)	N		UG/L	12	60		Table 1	M	M	M	1.0	0.16	0.53	998310390
231128	NAPHTHALENE	N		UG/L	10	100		Table 1	M	M	M	1.0	0.43	1.4	998310390
231128	NITRITE PLUS NITRATE-DISSOLVED AS N		0.11	MG/L AS N	2	10		Table 1	M	M	M	0.050	0.020	0.067	998310390
231128	O-DICHLOROBENZENE	N		UG/L	60	600		Table 1	M	M	M	1.0	0.79	2.6	998310390
231128	OXIDATION REDUCTION POTENTIAL		106.4	MILLIVOLTS											
231128	P-DICHLOROBENZENE	N		UG/L	15	75		Table 1	M	M	M	1.0	0.84	2.8	998310390
231128	PH-FIELD		7.43	SU											
231128	SAMPLE COLOR	N		NONE											
231128	SAMPLE ODOR	N		NONE											
231128	SAMPLE TEMPERATURE		10.5	DEGREES C											
231128	SAMPLE TURBIDITY	N		NONE											
231128	SPECIFIC CONDUCTANCE-FIELD		830	UMHOS/CM											
231128	STYRENE	N		UG/L	10	100		Table 1	M	M	M	1.0	0.73	2.4	998310390

Sample Date	Parameter	Qualifier	Value	Units	PAL	ES	Type of Exceedance	Type of Standard	QC 1	QC 2	QC 3	RL	LOD	LOQ	WDNR Lab Cert
Sample Point: OB8M		WDNR Point ID: 035													
231128	SULFATE-DISSOLVED AS S04		37.6	MG/L	125	250		Table 2	M	M	M	10.0	1.7	5.8	998310390
231128	TETRACHLOROETHYLENE	N		UG/L	0.5	5		Table 1	M	M	M	1.0	0.36	1.2	998310390
231128	TETRAHYDROFURAN	N		UG/L	10	50		Table 1	M	M	M	5.0	1.3	4.2	998310390
231128	TOLUENE	N		UG/L	160	800		Table 1	M	M	M	1.0	0.51	1.7	998310390
231128	TRANS-1,2-DICHLOROETHENE (TOTAL)	N		UG/L	20	100		Table 1	M	M	M	1.0	0.90	3.0	998310390
231128	TRANS-1,3-DICHLOROPROPENE	N		UG/L	0.04	0.4		Table 1	M	M	M	1.0	0.37	1.2	998310390
231128	TRIBROMOMETHANE	N		UG/L	0.44	4.4		Table 1	M	M	F	1.0	0.26	0.87	998310390
231128	TRICHLOROETHYLENE	N		UG/L	0.5	5		Table 1	M	M	M	1.0	0.46	1.5	998310390
231128	VINYL CHLORIDE		0.22	UG/L	0.02	0.2	E	Table 1	M	M	M	0.020	0.004	0.013	998310390
231128	VINYL CHLORIDE	N		UG/L	0.02	0.2		Table 1	M	M	F	1.0	0.90	3.0	998310390
231128	XYLENES-TOTAL	N		UG/L	400	2000		Table 1	M	M	M	2.0	0.66	2.2	998310390
Sample Point: P17B		WDNR Point ID: 045													
231128	1,1,1-TRICHLOROETHANE	N		UG/L	40	200		Table 1	M	M	M	1.0	0.82	2.7	998310390
231128	1,1,2,2-TETRACHLOROETHANE	N		UG/L	0.02	0.2		Table 1	M	M	M	1.0	0.21	0.70	998310390
231128	1,1,2-TRICHLOROETHANE	N		UG/L	0.5	5		Table 1	M	M	M	1.0	0.23	0.77	998310390
231128	1,1-DICHLOROETHANE	N		UG/L	85	850		Table 1	M	M	M	1.0	0.38	1.3	998310390
231128	1,1-DICHLOROETHYLENE	N		UG/L	0.7	7		Table 1	M	M	M	1.0	0.29	0.97	998310390
231128	1,2,4-TRICHLOROBENZENE	N		UG/L	14	70		Table 1	M	M	M	1.0	0.41	1.4	998310390
231128	1,2-DIBROMO-3-CHLOROPROPANE	N		UG/L	0.02	0.2		Table 1	M	M	M	1.0	0.39	1.3	998310390
231128	1,2-DIBROMOETHANE (EDB)	N		UG/L	0.005	0.05		Table 1	M	M	M	1.0	0.73	2.4	998310390
231128	1,2-DICHLOROETHANE	N		UG/L	0.5	5		Table 1	M	M	M	1.0	0.21	0.70	998310390
231128	1,2-DICHLOROPROPANE	N		UG/L	0.5	5		Table 1	M	M	M	1.0	0.72	2.4	998310390
231128	2-HEXANONE	N		UG/L					M	M	F	5.0	1.2	4.1	998310390
231128	4-METHYL-2-PENTANONE (MIBK)	N		UG/L	50	500		Table 1	M	M	M	5.0	2.1	7.0	998310390
231128	ACETONE	N		UG/L	1800	9000		Table 1	M	M	M	10	3.0	10	998310390
231128	ALKALINITY-TOTAL AS CaCO3 (FILT)		388	MG/L					M	M	M	50.0	20.0	66.7	998310390
231128	BENZENE	N		UG/L	0.5	5		Table 1	M	M	M	1.0	0.41	1.4	998310390
231128	BROMODICHLOROMETHANE	N		UG/L	0.06	0.6		Table 1	M	M	M	1.0	0.39	1.3	998310390
231128	BROMOMETHANE	N		UG/L	1	10		Table 1	M	M	M	1.0	0.69	2.3	998310390
231128	CARBON DISULFIDE	N		UG/L	200	1000		Table 1	M	M	M	1.0	0.19	0.63	998310390
231128	CARBON TETRACHLORIDE	N		UG/L	0.5	5		Table 1	M	M	F	1.0	0.27	0.90	998310390
231128	CHLOROBENZENE	N		UG/L	20	100		Table 1	M	M	M	1.0	0.75	2.5	998310390

Hagen Farm Landfill
WMI Site Number: 393

License Number: 02981
Facility ID Number: 113176030

Sample Date	Parameter	Qualifier	Value	Units	PAL	ES	Type of Exceedance	Type of Standard	QC 1	QC 2	QC 3	RL	LOD	LOQ	WDNR Lab Cert
Sample Point: P17B		WDNR Point ID: 045													
231128	CHLOROETHANE	N		UG/L	80	400		Table 1	M	M	M	1.0	0.32	1.1	998310390
231128	CHLOROFORM	N		UG/L	0.6	6		Table 1	M	M	M	1.0	0.34	1.1	998310390
231128	CHLOROMETHANE	N		UG/L	3	30		Table 1	M	M	M	1.0	0.35	1.2	998310390
231128	CIS-1,2-DICHLOROETHENE	N		UG/L	7	70		Table 1	M	M	M	1.0	0.81	2.7	998310390
231128	CIS-1,3-DICHLOROPROPENE	N		UG/L	0.04	0.4		Table 1	M	M	M	1.0	0.36	1.2	998310390
231128	DIBROMOCHLOROMETHANE	N		UG/L	6	60		Table 1	M	M	M	1.0	0.32	1.1	998310390
231128	DIBROMOMETHANE	N		UG/L					M	M	M	1.0	0.41	1.4	998310390
231128	DICHLORODIFLUOROMETHANE	N		UG/L	200	1000		Table 1	M	M	M	1.0	0.68	2.3	998310390
231128	DICHLOROMETHANE	N		UG/L	0.5	5		Table 1	M	M	M	1.0	0.44	1.5	998310390
231128	DISSOLVED OXYGEN, FIELD BY PROBE		6.6	MG/L											
231128	ETHYLBENZENE	N		UG/L	140	700		Table 1	M	M	M	1.0	0.74	2.5	998310390
231128	FLUOROTRICHLOROMETHANE	N		UG/L	698	3490		Table 1	M	M	M	1.0	0.88	2.9	998310390
231128	GROUNDWATER ELEVATION		857.20	FT MSL											
231128	IRON-DISSOLVED AS FE	N		MG/L	0.15	0.3		Table 2	M	M	M	0.030	0.019	0.064	998310390
231128	MANGANESE-DISSOLVED AS MN		18.7	UG/L	60	300		Table 1	M	M	M	2.0	0.40	1.3	998310390
231128	MANGANESE-DISSOLVED AS MN		18.7	UG/L	25	50		Table 2	M	M	M	2.0	0.40	1.3	998310390
231128	M-DICHLOROBENZENE	N		UG/L	120	600		Table 1	M	M	M	1.0	0.78	2.6	998310390
231128	METHYL ETHYL KETONE (MEK)	N		UG/L	800	4000		Table 1	M	M	F	10	1.3	4.4	998310390
231128	METHYL TERT-BUTYL ETHER (MTBE)	N		UG/L	12	60		Table 1	M	M	M	1.0	0.16	0.53	998310390
231128	NAPHTHALENE	N		UG/L	10	100		Table 1	M	M	M	1.0	0.43	1.4	998310390
231128	NITRITE PLUS NITRATE-DISSOLVED AS N		1.5	MG/L AS N	2	10		Table 1	M	M	M	0.050	0.020	0.067	998310390
231128	O-DICHLOROBENZENE	N		UG/L	60	600		Table 1	M	M	M	1.0	0.79	2.6	998310390
231128	OXIDATION REDUCTION POTENTIAL		55.7	MILLIVOLTS											
231128	P-DICHLOROBENZENE	N		UG/L	15	75		Table 1	M	M	M	1.0	0.84	2.8	998310390
231128	PH-FIELD		7.33	SU											
231128	SAMPLE COLOR	N		NONE											
231128	SAMPLE ODOR	N		NONE											
231128	SAMPLE TEMPERATURE		10.8	DEGREES C											
231128	SAMPLE TURBIDITY	N		NONE											
231128	SPECIFIC CONDUCTANCE-FIELD		685	UMHOS/CM											
231128	STYRENE	N		UG/L	10	100		Table 1	M	M	M	1.0	0.73	2.4	998310390
231128	SULFATE-DISSOLVED AS SO4		15.7	MG/L	125	250		Table 2	M	M	M	2.0	0.35	1.2	998310390

Sample Date	Parameter	Qualifier	Value	Units	PAL	ES	Type of Exceedance	Type of Standard	QC 1	QC 2	QC 3	RL	LOD	LOQ	WDNR Lab Cert
Sample Point: P17B		WDNR Point ID: 045													
231128	TETRACHLOROETHYLENE	N		UG/L	0.5	5		Table 1	M	M	M	1.0	0.36	1.2	998310390
231128	TETRAHYDROFURAN	N		UG/L	10	50		Table 1	M	M	M	5.0	1.3	4.2	998310390
231128	TOLUENE	N		UG/L	160	800		Table 1	M	M	M	1.0	0.51	1.7	998310390
231128	TRANS-1,2-DICHLOROETHENE (TOTAL)	N		UG/L	20	100		Table 1	M	M	M	1.0	0.90	3.0	998310390
231128	TRANS-1,3-DICHLOROPROPENE	N		UG/L	0.04	0.4		Table 1	M	M	M	1.0	0.37	1.2	998310390
231128	TRIBROMOMETHANE	N		UG/L	0.44	4.4		Table 1	M	M	F	1.0	0.26	0.87	998310390
231128	TRICHLOROETHYLENE	N		UG/L	0.5	5		Table 1	M	M	M	1.0	0.46	1.5	998310390
231128	VINYL CHLORIDE	N		UG/L	0.02	0.2		Table 1	M	M	F	1.0	0.90	3.0	998310390
231128	VINYL CHLORIDE	J	0.011	UG/L	0.02	0.2		Table 1	M	M	M	0.020	0.004	0.013	998310390
231128	XYLENES-TOTAL	N		UG/L	400	2000		Table 1	M	M	M	2.0	0.66	2.2	998310390
Sample Point: P17C		WDNR Point ID: 050													
231128	1,1,1-TRICHLOROETHANE	N		UG/L	40	200		Table 1	M	M	M	1.0	0.82	2.7	998310390
231128	1,1,2,2-TETRACHLOROETHANE	N		UG/L	0.02	0.2		Table 1	M	M	M	1.0	0.21	0.70	998310390
231128	1,1,2-TRICHLOROETHANE	N		UG/L	0.5	5		Table 1	M	M	M	1.0	0.23	0.77	998310390
231128	1,1-DICHLOROETHANE	N		UG/L	85	850		Table 1	M	M	M	1.0	0.38	1.3	998310390
231128	1,1-DICHLOROETHYLENE	N		UG/L	0.7	7		Table 1	M	M	M	1.0	0.29	0.97	998310390
231128	1,2,4-TRICHLOROBENZENE	N		UG/L	14	70		Table 1	M	M	M	1.0	0.41	1.4	998310390
231128	1,2-DIBROMO-3-CHLOROPROPANE	N		UG/L	0.02	0.2		Table 1	M	M	M	1.0	0.39	1.3	998310390
231128	1,2-DIBROMOETHANE (EDB)	N		UG/L	0.005	0.05		Table 1	M	M	M	1.0	0.73	2.4	998310390
231128	1,2-DICHLOROETHANE	N		UG/L	0.5	5		Table 1	M	M	M	1.0	0.21	0.70	998310390
231128	1,2-DICHLOROPROPANE	N		UG/L	0.5	5		Table 1	M	M	M	1.0	0.72	2.4	998310390
231128	2-HEXANONE	N		UG/L					M	M	F	5.0	1.2	4.1	998310390
231128	4-METHYL-2-PENTANONE (MIBK)	N		UG/L	50	500		Table 1	M	M	M	5.0	2.1	7.0	998310390
231128	ACETONE	N		UG/L	1800	9000		Table 1	M	M	M	10	3.0	10	998310390
231128	ALKALINITY-TOTAL AS CaCO3 (FILTR)		388	MG/L					M	M	M	50.0	20.0	66.7	998310390
231128	BENZENE	N		UG/L	0.5	5		Table 1	M	M	M	1.0	0.41	1.4	998310390
231128	BROMODICHLOROMETHANE	N		UG/L	0.06	0.6		Table 1	M	M	M	1.0	0.39	1.3	998310390
231128	BROMOMETHANE	N		UG/L	1	10		Table 1	M	M	M	1.0	0.69	2.3	998310390
231128	CARBON DISULFIDE	N		UG/L	200	1000		Table 1	M	M	M	1.0	0.19	0.63	998310390
231128	CARBON TETRACHLORIDE	N		UG/L	0.5	5		Table 1	M	M	F	1.0	0.27	0.90	998310390
231128	CHLOROETHANE	N		UG/L	20	100		Table 1	M	M	M	1.0	0.75	2.5	998310390
231128	CHLOROETHANE	N		UG/L	80	400		Table 1	M	M	M	1.0	0.32	1.1	998310390

Hagen Farm Landfill
WMI Site Number: 393

License Number: 02981
Facility ID Number: 113176030

Sample Date	Parameter	Qualifier	Value	Units	PAL	ES	Type of Exceedance	Type of Standard	QC 1	QC 2	QC 3	RL	LOD	LOQ	WDNR Lab Cert
Sample Point: P17C		WDNR Point ID: 050													
231128	CHLOROFORM	N		UG/L	0.6	6		Table 1	M	M	M	1.0	0.34	1.1	998310390
231128	CHLOROMETHANE	N		UG/L	3	30		Table 1	M	M	M	1.0	0.35	1.2	998310390
231128	CIS-1,2-DICHLOROETHENE	N		UG/L	7	70		Table 1	M	M	M	1.0	0.81	2.7	998310390
231128	CIS-1,3-DICHLOROPROPENE	N		UG/L	0.04	0.4		Table 1	M	M	M	1.0	0.36	1.2	998310390
231128	DIBROMOCHLOROMETHANE	N		UG/L	6	60		Table 1	M	M	M	1.0	0.32	1.1	998310390
231128	DIBROMOMETHANE	N		UG/L					M	M	M	1.0	0.41	1.4	998310390
231128	DICHLORODIFLUOROMETHANE	N		UG/L	200	1000		Table 1	M	M	M	1.0	0.68	2.3	998310390
231128	DICHLOROMETHANE	N		UG/L	0.5	5		Table 1	M	M	M	1.0	0.44	1.5	998310390
231128	DISSOLVED OXYGEN, FIELD BY PROBE		1.3	MG/L											
231128	ETHYLBENZENE	N		UG/L	140	700		Table 1	M	M	M	1.0	0.74	2.5	998310390
231128	FLUOROTRICHLOROMETHANE	N		UG/L	698	3490		Table 1	M	M	M	1.0	0.88	2.9	998310390
231128	GROUNDWATER ELEVATION		857.12	FT MSL											
231128	IRON-DISSOLVED AS FE		1.8	MG/L	0.15	0.3	P*	Table 2	M	M	M	0.030	0.019	0.064	998310390
231128	MANGANESE-DISSOLVED AS MN		213	UG/L	60	300	P	Table 1	M	M	M	2.0	0.40	1.3	998310390
231128	MANGANESE-DISSOLVED AS MN		213	UG/L	25	50	P*	Table 2	M	M	M	2.0	0.40	1.3	998310390
231128	M-DICHLOROBENZENE	N		UG/L	120	600		Table 1	M	M	M	1.0	0.78	2.6	998310390
231128	METHYL ETHYL KETONE (MEK)	N		UG/L	800	4000		Table 1	M	M	F	10	1.3	4.4	998310390
231128	METHYL TERT-BUTYL ETHER (MTBE)	N		UG/L	12	60		Table 1	M	M	M	1.0	0.16	0.53	998310390
231128	NAPHTHALENE	N		UG/L	10	100		Table 1	M	M	M	1.0	0.43	1.4	998310390
231128	NITRITE PLUS NITRATE-DISSOLVED AS N		0.55	MG/L AS N	2	10		Table 1	M	M	M	0.050	0.020	0.067	998310390
231128	O-DICHLOROBENZENE	N		UG/L	60	600		Table 1	M	M	M	1.0	0.79	2.6	998310390
231128	OXIDATION REDUCTION POTENTIAL		15.0	MILLIVOLTS											
231128	P-DICHLOROBENZENE	N		UG/L	15	75		Table 1	M	M	M	1.0	0.84	2.8	998310390
231128	PH-FIELD		7.44	SU											
231128	SAMPLE COLOR	N		NONE											
231128	SAMPLE ODOR	N		NONE											
231128	SAMPLE TEMPERATURE		9.1	DEGREES C											
231128	SAMPLE TURBIDITY	N		NONE											
231128	SPECIFIC CONDUCTANCE-FIELD		732	UMHOS/CM											
231128	STYRENE	N		UG/L	10	100		Table 1	M	M	M	1.0	0.73	2.4	998310390
231128	SULFATE-DISSOLVED AS SO4		20.8	MG/L	125	250		Table 2	M	M	M	10.0	1.7	5.8	998310390
231128	TETRACHLOROETHYLENE	N		UG/L	0.5	5		Table 1	M	M	M	1.0	0.36	1.2	998310390

Sample Date	Parameter	Qualifier	Value	Units	PAL	ES	Type of Exceedance	Type of Standard	QC 1	QC 2	QC 3	RL	LOD	LOQ	WDNR Lab Cert
Sample Point: P17C		WDNR Point ID: 050													
231128	TETRAHYDROFURAN	N		UG/L	10	50		Table 1	M	M	M	5.0	1.3	4.2	998310390
231128	TOLUENE	N		UG/L	160	800		Table 1	M	M	M	1.0	0.51	1.7	998310390
231128	TRANS-1,2-DICHLOROETHENE (TOTAL)	N		UG/L	20	100		Table 1	M	M	M	1.0	0.90	3.0	998310390
231128	TRANS-1,3-DICHLOROPROPENE	N		UG/L	0.04	0.4		Table 1	M	M	M	1.0	0.37	1.2	998310390
231128	TRIBROMOMETHANE	N		UG/L	0.44	4.4		Table 1	M	M	F	1.0	0.26	0.87	998310390
231128	TRICHLOROETHYLENE	N		UG/L	0.5	5		Table 1	M	M	M	1.0	0.46	1.5	998310390
231128	VINYL CHLORIDE		0.11	UG/L	0.02	0.2	P	Table 1	M	M	M	0.020	0.004	0.013	998310390
231128	VINYL CHLORIDE	N		UG/L	0.02	0.2		Table 1	M	M	F	1.0	0.90	3.0	998310390
231128	XYLENES-TOTAL	N		UG/L	400	2000		Table 1	M	M	M	2.0	0.66	2.2	998310390
Sample Point: P17DR		WDNR Point ID: 055													
231128	GROUNDWATER ELEVATION		854.82	FT MSL											WField T
Sample Point: MW22		WDNR Point ID: 060													
231128	1,1,1-TRICHLOROETHANE	N		UG/L	40	200		Table 1	M	M	M	1.0	0.82	2.7	998310390
231128	1,1,2,2-TETRACHLOROETHANE	N		UG/L	0.02	0.2		Table 1	M	M	M	1.0	0.21	0.70	998310390
231128	1,1,2-TRICHLOROETHANE	N		UG/L	0.5	5		Table 1	M	M	M	1.0	0.23	0.77	998310390
231128	1,1-DICHLOROETHANE	N		UG/L	85	850		Table 1	M	M	M	1.0	0.38	1.3	998310390
231128	1,1-DICHLOROETHYLENE	N		UG/L	0.7	7		Table 1	M	M	M	1.0	0.29	0.97	998310390
231128	1,2,4-TRICHLOROBENZENE	N		UG/L	14	70		Table 1	M	M	M	1.0	0.41	1.4	998310390
231128	1,2-DIBROMO-3-CHLOROPROPANE	N		UG/L	0.02	0.2		Table 1	M	M	M	1.0	0.39	1.3	998310390
231128	1,2-DIBROMOETHANE (EDB)	N		UG/L	0.005	0.05		Table 1	M	M	M	1.0	0.73	2.4	998310390
231128	1,2-DICHLOROETHANE	N		UG/L	0.5	5		Table 1	M	M	M	1.0	0.21	0.70	998310390
231128	1,2-DICHLOROPROPANE	N		UG/L	0.5	5		Table 1	M	M	M	1.0	0.72	2.4	998310390
231128	2-HEXANONE	N		UG/L					M	M	M	5.0	1.2	4.1	998310390
231128	4-METHYL-2-PENTANONE (MIBK)	N		UG/L	50	500		Table 1	M	M	M	5.0	2.1	7.0	998310390
231128	ACETONE		120	UG/L	1800	9000		Table 1	M	M	M	10	3.0	10	998310390
231128	ALKALINITY-TOTAL AS CaCO3 (FILT)		624	MG/L					M	M	M	240	96.0	320	998310390
231128	BENZENE	N		UG/L	0.5	5		Table 1	M	M	M	1.0	0.41	1.4	998310390
231128	BROMODICHLOROMETHANE	N		UG/L	0.06	0.6		Table 1	M	M	M	1.0	0.39	1.3	998310390
231128	BROMOMETHANE	N		UG/L	1	10		Table 1	M	M	M	1.0	0.69	2.3	998310390
231128	CARBON DISULFIDE	N		UG/L	200	1000		Table 1	M	M	M	1.0	0.19	0.63	998310390
231128	CARBON TETRACHLORIDE	N		UG/L	0.5	5		Table 1	M	M	F	1.0	0.27	0.90	998310390
231128	CHLOROBENZENE	N		UG/L	20	100		Table 1	M	M	M	1.0	0.75	2.5	998310390

Sample Date	Parameter	Qualifier	Value	Units	PAL	ES	Type of Exceedance	Type of Standard	QC 1	QC 2	QC 3	RL	LOD	LOQ	WDNR Lab Cert
Sample Point: MW22		WDNR Point ID: 060													
231128	CHLOROETHANE	N		UG/L	80	400		Table 1	M	M	M	1.0	0.32	1.1	998310390
231128	CHLOROFORM	N		UG/L	0.6	6		Table 1	M	M	M	1.0	0.34	1.1	998310390
231128	CHLOROMETHANE	N		UG/L	3	30		Table 1	M	M	F	1.0	0.35	1.2	998310390
231128	CIS-1,2-DICHLOROETHENE		4.6	UG/L	7	70		Table 1	M	M	M	1.0	0.81	2.7	998310390
231128	CIS-1,3-DICHLOROPROPENE	N		UG/L	0.04	0.4		Table 1	M	M	M	1.0	0.36	1.2	998310390
231128	DIBROMOCHLOROMETHANE	N		UG/L	6	60		Table 1	M	M	M	1.0	0.32	1.1	998310390
231128	DIBROMOMETHANE	N		UG/L					M	M	M	1.0	0.41	1.4	998310390
231128	DICHLORODIFLUOROMETHANE	N		UG/L	200	1000		Table 1	M	M	M	1.0	0.68	2.3	998310390
231128	DICHLOROMETHANE	N		UG/L	0.5	5		Table 1	M	M	M	1.0	0.44	1.5	998310390
231128	DISSOLVED OXYGEN, FIELD BY PROBE		2.4	MG/L											
231128	ETHYLBENZENE	N		UG/L	140	700		Table 1	M	M	M	1.0	0.74	2.5	998310390
231128	FLUOROTRICHLOROMETHANE	N		UG/L	698	3490		Table 1	M	M	M	1.0	0.88	2.9	998310390
231128	IRON-DISSOLVED AS FE		16.0	MG/L	0.15	0.3	P*	Table 2	M	M	M	0.030	0.019	0.064	998310390
231128	MANGANESE-DISSOLVED AS MN		410	UG/L	60	300	P*	Table 1	M	M	M	2.0	0.40	1.3	998310390
231128	MANGANESE-DISSOLVED AS MN		410	UG/L	25	50	P*	Table 2	M	M	M	2.0	0.40	1.3	998310390
231128	M-DICHLOROBENZENE	N		UG/L	120	600		Table 1	M	M	M	1.0	0.78	2.6	998310390
231128	METHYL ETHYL KETONE (MEK)	N		UG/L	800	4000		Table 1	M	M	F	10	1.3	4.4	998310390
231128	METHYL TERT-BUTYL ETHER (MTBE)	N		UG/L	12	60		Table 1	M	M	M	1.0	0.16	0.53	998310390
231128	NAPHTHALENE	J	0.51	UG/L	10	100		Table 1	M	M	M	1.0	0.43	1.4	998310390
231128	NITRITE PLUS NITRATE-DISSOLVED AS N	J	0.036	MG/L AS N	2	10		Table 1	M	M	M	0.050	0.020	0.067	998310390
231128	O-DICHLOROBENZENE	N		UG/L	60	600		Table 1	M	M	M	1.0	0.79	2.6	998310390
231128	OXIDATION REDUCTION POTENTIAL		-8.1	MILLIVOLTS											
231128	P-DICHLOROBENZENE	N		UG/L	15	75		Table 1	M	M	M	1.0	0.84	2.8	998310390
231128	PH-FIELD		6.99	SU											
231128	SAMPLE COLOR	N		NONE											
231128	SAMPLE ODOR	N		NONE											
231128	SAMPLE TEMPERATURE		10.0	DEGREES C											
231128	SAMPLE TURBIDITY	N		NONE											
231128	SPECIFIC CONDUCTANCE-FIELD		989	UMHOS/CM											
231128	STYRENE	N		UG/L	10	100		Table 1	M	M	M	1.0	0.73	2.4	998310390
231128	SULFATE-DISSOLVED AS SO4		1.9	MG/L	125	250		Table 2	M	M	M	2.0	0.35	1.2	998310390
231128	TETRACHLOROETHYLENE	N		UG/L	0.5	5		Table 1	M	M	M	1.0	0.36	1.2	998310390

Sample Date	Parameter	Qualifier	Value	Units	PAL	ES	Type of Exceedance	Type of Standard	QC 1	QC 2	QC 3	RL	LOD	LOQ	WDNR Lab Cert
Sample Point: MW22		WDNR Point ID: O60													
231128	TETRAHYDROFURAN	J	2.3	UG/L	10	50		Table 1	M	M	M	5.0	1.3	4.2	998310390
231128	TOLUENE	N		UG/L	160	800		Table 1	M	M	M	1.0	0.51	1.7	998310390
231128	TRANS-1,2-DICHLOROETHENE (TOTAL)	N		UG/L	20	100		Table 1	M	M	M	1.0	0.90	3.0	998310390
231128	TRANS-1,3-DICHLOROPROPENE	N		UG/L	0.04	0.4		Table 1	M	M	M	1.0	0.37	1.2	998310390
231128	TRIBROMOMETHANE	N		UG/L	0.44	4.4		Table 1	M	M	M	1.0	0.26	0.87	998310390
231128	TRICHLOROETHYLENE	N		UG/L	0.5	5		Table 1	M	M	M	1.0	0.46	1.5	998310390
231128	VINYL CHLORIDE		2.7	UG/L	0.02	0.2	P*	Table 1	M	M	M	0.080	0.016	0.053	998310390
231128	VINYL CHLORIDE	J	2.1	UG/L	0.02	0.2	P*	Table 1	M	M	F	1.0	0.90	3.0	998310390
231128	XYLENES-TOTAL	N		UG/L	400	2000		Table 1	M	M	M	2.0	0.66	2.2	998310390
Sample Point: P22B		WDNR Point ID: O65													
231128	1,1,1-TRICHLOROETHANE	N		UG/L	40	200		Table 1	M	M	M	1.0	0.82	2.7	998310390
231128	1,1,2,2-TETRACHLOROETHANE	N		UG/L	0.02	0.2		Table 1	M	M	M	1.0	0.21	0.70	998310390
231128	1,1,2-TRICHLOROETHANE	N		UG/L	0.5	5		Table 1	M	M	M	1.0	0.23	0.77	998310390
231128	1,1-DICHLOROETHANE	N		UG/L	85	850		Table 1	M	M	M	1.0	0.38	1.3	998310390
231128	1,1-DICHLOROETHYLENE	N		UG/L	0.7	7		Table 1	M	M	M	1.0	0.29	0.97	998310390
231128	1,2,4-TRICHLOROBENZENE	N		UG/L	14	70		Table 1	M	M	M	1.0	0.41	1.4	998310390
231128	1,2-DIBROMO-3-CHLOROPROPANE	N		UG/L	0.02	0.2		Table 1	M	M	M	1.0	0.39	1.3	998310390
231128	1,2-DIBROMOETHANE (EDB)	N		UG/L	0.005	0.05		Table 1	M	M	M	1.0	0.73	2.4	998310390
231128	1,2-DICHLOROETHANE	N		UG/L	0.5	5		Table 1	M	M	M	1.0	0.21	0.70	998310390
231128	1,2-DICHLOROPROPANE	N		UG/L	0.5	5		Table 1	M	M	M	1.0	0.72	2.4	998310390
231128	2-HEXANONE	N		UG/L					M	M	F	5.0	1.2	4.1	998310390
231128	4-METHYL-2-PENTANONE (MIBK)	N		UG/L	50	500		Table 1	M	M	M	5.0	2.1	7.0	998310390
231128	ACETONE	N		UG/L	1800	9000		Table 1	M	M	M	10	3.0	10	998310390
231128	ALKALINITY-TOTAL AS CaCO3 (FILT)		353	MG/L					M	M	M	50.0	20.0	66.7	998310390
231128	BENZENE	N		UG/L	0.5	5		Table 1	M	M	M	1.0	0.41	1.4	998310390
231128	BROMODICHLOROMETHANE	N		UG/L	0.06	0.6		Table 1	M	M	M	1.0	0.39	1.3	998310390
231128	BROMOMETHANE	N		UG/L	1	10		Table 1	M	M	M	1.0	0.69	2.3	998310390
231128	CARBON DISULFIDE	N		UG/L	200	1000		Table 1	M	M	M	1.0	0.19	0.63	998310390
231128	CARBON TETRACHLORIDE	N		UG/L	0.5	5		Table 1	M	M	F	1.0	0.27	0.90	998310390
231128	CHLOROBENZENE	N		UG/L	20	100		Table 1	M	M	M	1.0	0.75	2.5	998310390
231128	CHLOROETHANE	N		UG/L	80	400		Table 1	M	M	M	1.0	0.32	1.1	998310390
231128	CHLOROFORM	N		UG/L	0.6	6		Table 1	M	M	M	1.0	0.34	1.1	998310390

Sample Date	Parameter	Qualifier	Value	Units	PAL	ES	Type of Exceedance	Type of Standard	QC 1	QC 2	QC 3	RL	LOD	LOQ	WDNR Lab Cert
Sample Point: P22B		WDNR Point ID: 065													
231128	CHLOROMETHANE	N		UG/L	3	30		Table 1	M	M	M	1.0	0.35	1.2	998310390
231128	CIS-1,2-DICHLOROETHENE	N		UG/L	7	70		Table 1	M	M	M	1.0	0.81	2.7	998310390
231128	CIS-1,3-DICHLOROPROPENE	N		UG/L	0.04	0.4		Table 1	M	M	M	1.0	0.36	1.2	998310390
231128	DIBROMOCHLOROMETHANE	N		UG/L	6	60		Table 1	M	M	M	1.0	0.32	1.1	998310390
231128	DIBROMOMETHANE	N		UG/L					M	M	M	1.0	0.41	1.4	998310390
231128	DICHLORODIFLUOROMETHANE	N		UG/L	200	1000		Table 1	M	M	M	1.0	0.68	2.3	998310390
231128	DICHLOROMETHANE	N		UG/L	0.5	5		Table 1	M	M	M	1.0	0.44	1.5	998310390
231128	DISSOLVED OXYGEN, FIELD BY PROBE		2.1	MG/L											
231128	ETHYLBENZENE	N		UG/L	140	700		Table 1	M	M	M	1.0	0.74	2.5	998310390
231128	FLUOROTRICHLOROMETHANE	N		UG/L	698	3490		Table 1	M	M	M	1.0	0.88	2.9	998310390
231128	GROUNDWATER ELEVATION		858.30	FT MSL											
231128	IRON-DISSOLVED AS FE		2.3	MG/L	0.15	0.3	P*	Table 2	M	M	M	0.030	0.019	0.064	998310390
231128	MANGANESE-DISSOLVED AS MN		197	UG/L	60	300	P	Table 1	M	M	M	2.0	0.40	1.3	998310390
231128	MANGANESE-DISSOLVED AS MN		197	UG/L	25	50	P*	Table 2	M	M	M	2.0	0.40	1.3	998310390
231128	M-DICHLOROBENZENE	N		UG/L	120	600		Table 1	M	M	M	1.0	0.78	2.6	998310390
231128	METHYL ETHYL KETONE (MEK)	N		UG/L	800	4000		Table 1	M	M	F	10	1.3	4.4	998310390
231128	METHYL TERT-BUTYL ETHER (MTBE)	N		UG/L	12	60		Table 1	M	M	M	1.0	0.16	0.53	998310390
231128	NAPHTHALENE	N		UG/L	10	100		Table 1	M	M	M	1.0	0.43	1.4	998310390
231128	NITRITE PLUS NITRATE-DISSOLVED AS N	N		MG/L AS N	2	10		Table 1	M	M	M	0.050	0.020	0.067	998310390
231128	O-DICHLOROBENZENE	N		UG/L	60	600		Table 1	M	M	M	1.0	0.79	2.6	998310390
231128	OXIDATION REDUCTION POTENTIAL		55.7	MILLIVOLTS											
231128	P-DICHLOROBENZENE	N		UG/L	15	75		Table 1	M	M	M	1.0	0.84	2.8	998310390
231128	PH-FIELD		7.33	SU											
231128	SAMPLE COLOR	N		NONE											
231128	SAMPLE ODOR		0	NONE											
231128	SAMPLE TEMPERATURE		10.8	DEGREES C											
231128	SAMPLE TURBIDITY	N		NONE											
231128	SPECIFIC CONDUCTANCE-FIELD		669	UMHOS/CM											
231128	STYRENE	N		UG/L	10	100		Table 1	M	M	M	1.0	0.73	2.4	998310390
231128	SULFATE-DISSOLVED AS SO4		15.3	MG/L	125	250		Table 2	M	M	M	4.0	0.70	2.3	998310390
231128	TETRACHLOROETHYLENE	N		UG/L	0.5	5		Table 1	M	M	M	1.0	0.36	1.2	998310390
231128	TETRAHYDROFURAN	N		UG/L	10	50		Table 1	M	M	M	5.0	1.3	4.2	998310390

Sample Date	Parameter	Qualifier	Value	Units	PAL	ES	Type of Exceedance	Type of Standard	QC 1	QC 2	QC 3	RL	LOD	LOQ	WDNR Lab Cert
Sample Point: P22B		WDNR Point ID: 065													
231128	TOLUENE	N		UG/L	160	800		Table 1	M	M	M	1.0	0.51	1.7	998310390
231128	TRANS-1,2-DICHLOROETHENE (TOTAL)	N		UG/L	20	100		Table 1	M	M	M	1.0	0.90	3.0	998310390
231128	TRANS-1,3-DICHLOROPROPENE	N		UG/L	0.04	0.4		Table 1	M	M	M	1.0	0.37	1.2	998310390
231128	TRIBROMOMETHANE	N		UG/L	0.44	4.4		Table 1	M	M	F	1.0	0.26	0.87	998310390
231128	TRICHLOROETHYLENE	N		UG/L	0.5	5		Table 1	M	M	M	1.0	0.46	1.5	998310390
231128	VINYL CHLORIDE		0.15	UG/L	0.02	0.2	P	Table 1	M	M	M	0.020	0.004	0.013	998310390
231128	VINYL CHLORIDE	N		UG/L	0.02	0.2		Table 1	M	M	F	1.0	0.90	3.0	998310390
231128	XYLENES-TOTAL	N		UG/L	400	2000		Table 1	M	M	M	2.0	0.66	2.2	998310390
Sample Point: P26B		WDNR Point ID: 085													
231128	1,1,1-TRICHLOROETHANE	N		UG/L	40	200		Table 1	M	M	M	1.0	0.82	2.7	998310390
231128	1,1,2,2-TETRACHLOROETHANE	N		UG/L	0.02	0.2		Table 1	M	M	M	1.0	0.21	0.70	998310390
231128	1,1,2-TRICHLOROETHANE	N		UG/L	0.5	5		Table 1	M	M	M	1.0	0.23	0.77	998310390
231128	1,1-DICHLOROETHANE	N		UG/L	85	850		Table 1	M	M	M	1.0	0.38	1.3	998310390
231128	1,1-DICHLOROETHYLENE	N		UG/L	0.7	7		Table 1	M	M	M	1.0	0.29	0.97	998310390
231128	1,2,4-TRICHLOROBENZENE	N		UG/L	14	70		Table 1	M	M	M	1.0	0.41	1.4	998310390
231128	1,2-DIBROMO-3-CHLOROPROPANE	N		UG/L	0.02	0.2		Table 1	M	M	M	1.0	0.39	1.3	998310390
231128	1,2-DIBROMOETHANE (EDB)	N		UG/L	0.005	0.05		Table 1	M	M	M	1.0	0.73	2.4	998310390
231128	1,2-DICHLOROETHANE	N		UG/L	0.5	5		Table 1	M	M	M	1.0	0.21	0.70	998310390
231128	1,2-DICHLOROPROPANE	N		UG/L	0.5	5		Table 1	M	M	M	1.0	0.72	2.4	998310390
231128	2-HEXANONE	N		UG/L					M	M	F	5.0	1.2	4.1	998310390
231128	4-METHYL-2-PENTANONE (MIBK)	N		UG/L	50	500		Table 1	M	M	M	5.0	2.1	7.0	998310390
231128	ACETONE	N		UG/L	1800	9000		Table 1	M	M	M	10	3.0	10	998310390
231128	BENZENE	N		UG/L	0.5	5		Table 1	M	M	M	1.0	0.41	1.4	998310390
231128	BROMODICHLOROMETHANE	N		UG/L	0.06	0.6		Table 1	M	M	M	1.0	0.39	1.3	998310390
231128	BROMOMETHANE	N		UG/L	1	10		Table 1	M	M	M	1.0	0.69	2.3	998310390
231128	CARBON DISULFIDE	N		UG/L	200	1000		Table 1	M	M	M	1.0	0.19	0.63	998310390
231128	CARBON TETRACHLORIDE	N		UG/L	0.5	5		Table 1	M	M	F	1.0	0.27	0.90	998310390
231128	CHLOROBENZENE	N		UG/L	20	100		Table 1	M	M	M	1.0	0.75	2.5	998310390
231128	CHLOROETHANE	N		UG/L	80	400		Table 1	M	M	M	1.0	0.32	1.1	998310390
231128	CHLOROFORM	N		UG/L	0.6	6		Table 1	M	M	M	1.0	0.34	1.1	998310390
231128	CHLOROMETHANE	N		UG/L	3	30		Table 1	M	M	M	1.0	0.35	1.2	998310390
231128	CIS-1,2-DICHLOROETHENE	N		UG/L	7	70		Table 1	M	M	M	1.0	0.81	2.7	998310390

Hagen Farm Landfill
WMI Site Number: 393

License Number: 02981
Facility ID Number: 113176030

Sample Date	Parameter	Qualifier	Value	Units	PAL	ES	Type of Exceedance	Type of Standard	QC 1	QC 2	QC 3	RL	LOD	LOQ	WDNR Lab Cert
Sample Point: P26B		WDNR Point ID: 085													
231128	CIS-1,3-DICHLOROPROPENE	N		UG/L	0.04	0.4		Table 1	M	M	M	1.0	0.36	1.2	998310390
231128	DIBROMOCHLOROMETHANE	N		UG/L	6	60		Table 1	M	M	M	1.0	0.32	1.1	998310390
231128	DIBROMOMETHANE	N		UG/L					M	M	M	1.0	0.41	1.4	998310390
231128	DICHLORODIFLUOROMETHANE	N		UG/L	200	1000		Table 1	M	M	M	1.0	0.68	2.3	998310390
231128	DICHLOROMETHANE	N		UG/L	0.5	5		Table 1	M	M	M	1.0	0.44	1.5	998310390
231128	ETHYLBENZENE	N		UG/L	140	700		Table 1	M	M	M	1.0	0.74	2.5	998310390
231128	FLUOROTRICHLOROMETHANE	N		UG/L	698	3490		Table 1	M	M	M	1.0	0.88	2.9	998310390
231128	M-DICHLOROBENZENE	N		UG/L	120	600		Table 1	M	M	M	1.0	0.78	2.6	998310390
231128	METHYL ETHYL KETONE (MEK)	N		UG/L	800	4000		Table 1	M	M	F	10	1.3	4.4	998310390
231128	METHYL TERT-BUTYL ETHER (MTBE)	N		UG/L	12	60		Table 1	M	M	M	1.0	0.16	0.53	998310390
231128	NAPHTHALENE	N		UG/L	10	100		Table 1	M	M	M	1.0	0.43	1.4	998310390
231128	O-DICHLOROBENZENE	N		UG/L	60	600		Table 1	M	M	M	1.0	0.79	2.6	998310390
231128	P-DICHLOROBENZENE	N		UG/L	15	75		Table 1	M	M	M	1.0	0.84	2.8	998310390
231128	STYRENE	N		UG/L	10	100		Table 1	M	M	M	1.0	0.73	2.4	998310390
231128	TETRACHLOROETHYLENE	N		UG/L	0.5	5		Table 1	M	M	M	1.0	0.36	1.2	998310390
231128	TETRAHYDROFURAN	N		UG/L	10	50		Table 1	M	M	M	5.0	1.3	4.2	998310390
231128	TOLUENE	N		UG/L	160	800		Table 1	M	M	M	1.0	0.51	1.7	998310390
231128	TRANS-1,2-DICHLOROETHENE (TOTAL)	N		UG/L	20	100		Table 1	M	M	M	1.0	0.90	3.0	998310390
231128	TRANS-1,3-DICHLOROPROPENE	N		UG/L	0.04	0.4		Table 1	M	M	M	1.0	0.37	1.2	998310390
231128	TRIBROMOMETHANE	N		UG/L	0.44	4.4		Table 1	M	M	F	1.0	0.26	0.87	998310390
231128	TRICHLOROETHYLENE	N		UG/L	0.5	5		Table 1	M	M	M	1.0	0.46	1.5	998310390
231128	VINYL CHLORIDE	N		UG/L	0.02	0.2		Table 1	M	M	F	1.0	0.90	3.0	998310390
231128	VINYL CHLORIDE		0.29	UG/L	0.02	0.2	P*	Table 1	M	M	M	0.020	0.004	0.013	998310390
231128	XYLENES-TOTAL	N		UG/L	400	2000		Table 1	M	M	M	2.0	0.66	2.2	998310390
Sample Point: MW30		WDNR Point ID: 130													
231128	GROUNDWATER ELEVATION		857.24	FT MSL											
Sample Point: MW32		WDNR Point ID: 145													
231128	GROUNDWATER ELEVATION		855.29	FT MSL											
Sample Point: P32B		WDNR Point ID: 150													
231128	1,1,1-TRICHLOROETHANE	N		UG/L	40	200		Table 1	M	M	M	1.0	0.82	2.7	998310390
231128	1,1,2,2-TETRACHLOROETHANE	N		UG/L	0.02	0.2		Table 1	M	M	M	1.0	0.21	0.70	998310390
231128	1,1,2-TRICHLOROETHANE	N		UG/L	0.5	5		Table 1	M	M	M	1.0	0.23	0.77	998310390

Sample Date	Parameter	Qualifier	Value	Units	PAL	ES	Type of Exceedance	Type of Standard	QC 1	QC 2	QC 3	RL	LOD	LOQ	WDNR Lab Cert
Sample Point: P32B		WDNR Point ID: 150													
231128	1,1-DICHLOROETHANE	N		UG/L	85	850		Table 1	M	M	M	1.0	0.38	1.3	998310390
231128	1,1-DICHLOROETHYLENE	N		UG/L	0.7	7		Table 1	M	M	M	1.0	0.29	0.97	998310390
231128	1,2,4-TRICHLOROBENZENE	N		UG/L	14	70		Table 1	M	M	M	1.0	0.41	1.4	998310390
231128	1,2-DIBROMO-3-CHLOROPROPANE	N		UG/L	0.02	0.2		Table 1	M	M	M	1.0	0.39	1.3	998310390
231128	1,2-DIBROMOETHANE (EDB)	N		UG/L	0.005	0.05		Table 1	M	M	M	1.0	0.73	2.4	998310390
231128	1,2-DICHLOROETHANE	N		UG/L	0.5	5		Table 1	M	M	M	1.0	0.21	0.70	998310390
231128	1,2-DICHLOROPROPANE	N		UG/L	0.5	5		Table 1	M	M	M	1.0	0.72	2.4	998310390
231128	2-HEXANONE	N		UG/L					M	M	F	5.0	1.2	4.1	998310390
231128	4-METHYL-2-PENTANONE (MIBK)	N		UG/L	50	500		Table 1	M	M	M	5.0	2.1	7.0	998310390
231128	ACETONE	N		UG/L	1800	9000		Table 1	M	M	M	10	3.0	10	998310390
231128	ALKALINITY-TOTAL AS CaCO3 (FILT)		326	MG/L					M	M	M	50.0	20.0	66.7	998310390
231128	BENZENE	N		UG/L	0.5	5		Table 1	M	M	M	1.0	0.41	1.4	998310390
231128	BROMODICHLOROMETHANE	N		UG/L	0.06	0.6		Table 1	M	M	M	1.0	0.39	1.3	998310390
231128	BROMOMETHANE	N		UG/L	1	10		Table 1	M	M	M	1.0	0.69	2.3	998310390
231128	CARBON DISULFIDE	N		UG/L	200	1000		Table 1	M	M	M	1.0	0.19	0.63	998310390
231128	CARBON TETRACHLORIDE	N		UG/L	0.5	5		Table 1	M	M	F	1.0	0.27	0.90	998310390
231128	CHLOROBENZENE	N		UG/L	20	100		Table 1	M	M	M	1.0	0.75	2.5	998310390
231128	CHLOROETHANE	N		UG/L	80	400		Table 1	M	M	M	1.0	0.32	1.1	998310390
231128	CHLOROFORM	N		UG/L	0.6	6		Table 1	M	M	M	1.0	0.34	1.1	998310390
231128	CHLOROMETHANE	N		UG/L	3	30		Table 1	M	M	M	1.0	0.35	1.2	998310390
231128	CIS-1,2-DICHLOROETHENE	N		UG/L	7	70		Table 1	M	M	M	1.0	0.81	2.7	998310390
231128	CIS-1,3-DICHLOROPROPENE	N		UG/L	0.04	0.4		Table 1	M	M	M	1.0	0.36	1.2	998310390
231128	DIBROMOCHLOROMETHANE	N		UG/L	6	60		Table 1	M	M	M	1.0	0.32	1.1	998310390
231128	DIBROMOMETHANE	N		UG/L					M	M	M	1.0	0.41	1.4	998310390
231128	DICHLORODIFLUOROMETHANE	N		UG/L	200	1000		Table 1	M	M	M	1.0	0.68	2.3	998310390
231128	DICHLOROMETHANE	N		UG/L	0.5	5		Table 1	M	M	M	1.0	0.44	1.5	998310390
231128	DISSOLVED OXYGEN, FIELD BY PROBE		5.4	MG/L											
231128	ETHYLBENZENE	N		UG/L	140	700		Table 1	M	M	M	1.0	0.74	2.5	998310390
231128	FLUOROTRICHLOROMETHANE	N		UG/L	698	3490		Table 1	M	M	M	1.0	0.88	2.9	998310390
231128	GROUNDWATER ELEVATION		855.59	FT MSL											
231128	IRON-DISSOLVED AS FE	N		MG/L	0.15	0.3		Table 2	M	M	M	0.030	0.019	0.064	998310390
231128	MANGANESE-DISSOLVED AS MN		26.0	UG/L	60	300		Table 1	M	M	M	2.0	0.40	1.3	998310390

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License Number: 02981
Facility ID Number: 113176030

Sample Date	Parameter	Qualifier	Value	Units	PAL	ES	Type of Exceedance	Type of Standard	QC 1	QC 2	QC 3	RL	LOD	LOQ	WDNR Lab Cert
Sample Point: P32B		WDNR Point ID: 150													
231128	MANGANESE-DISSOLVED AS MN		26.0	UG/L	25	50	P	Table 2	M	M	M	2.0	0.40	1.3	998310390
231128	M-DICHLOROBENZENE	N		UG/L	120	600		Table 1	M	M	M	1.0	0.78	2.6	998310390
231128	METHYL ETHYL KETONE (MEK)	N		UG/L	800	4000		Table 1	M	M	F	10	1.3	4.4	998310390
231128	METHYL TERT-BUTYL ETHER (MTBE)	N		UG/L	12	60		Table 1	M	M	M	1.0	0.16	0.53	998310390
231128	NAPHTHALENE	N		UG/L	10	100		Table 1	M	M	M	1.0	0.43	1.4	998310390
231128	NITRITE PLUS NITRATE-DISSOLVED AS N		1.2	MG/L AS N	2	10		Table 1	M	M	M	0.050	0.020	0.067	998310390
231128	O-DICHLOROBENZENE	N		UG/L	60	600		Table 1	M	M	M	1.0	0.79	2.6	998310390
231128	OXIDATION REDUCTION POTENTIAL		129.4	MILLIVOLTS											
231128	P-DICHLOROBENZENE	N		UG/L	15	75		Table 1	M	M	M	1.0	0.84	2.8	998310390
231128	PH-FIELD		7.42	SU											
231128	SAMPLE COLOR	N		NONE											
231128	SAMPLE ODOR	N		NONE											
231128	SAMPLE TEMPERATURE		8.9	DEGREES C											
231128	SAMPLE TURBIDITY	N		NONE											
231128	SPECIFIC CONDUCTANCE-FIELD		709	UMHOS/CM											
231128	STYRENE	N		UG/L	10	100		Table 1	M	M	M	1.0	0.73	2.4	998310390
231128	SULFATE-DISSOLVED AS SO4		22.2	MG/L	125	250		Table 2	M	M	M	10.0	1.7	5.8	998310390
231128	TETRACHLOROETHYLENE	N		UG/L	0.5	5		Table 1	M	M	M	1.0	0.36	1.2	998310390
231128	TETRAHYDROFURAN	N		UG/L	10	50		Table 1	M	M	M	5.0	1.3	4.2	998310390
231128	TOLUENE	N		UG/L	160	800		Table 1	M	M	M	1.0	0.51	1.7	998310390
231128	TRANS-1,2-DICHLOROETHENE (TOTAL)	N		UG/L	20	100		Table 1	M	M	M	1.0	0.90	3.0	998310390
231128	TRANS-1,3-DICHLOROPROPENE	N		UG/L	0.04	0.4		Table 1	M	M	M	1.0	0.37	1.2	998310390
231128	TRIBROMOMETHANE	N		UG/L	0.44	4.4		Table 1	M	M	F	1.0	0.26	0.87	998310390
231128	TRICHLOROETHYLENE	N		UG/L	0.5	5		Table 1	M	M	M	1.0	0.46	1.5	998310390
231128	VINYL CHLORIDE	N		UG/L	0.02	0.2		Table 1	M	M	F	1.0	0.90	3.0	998310390
231128	VINYL CHLORIDE	N		UG/L	0.02	0.2		Table 1	M	M	M	0.020	0.004	0.013	998310390
231128	XYLENES-TOTAL	N		UG/L	400	2000		Table 1	M	M	M	2.0	0.66	2.2	998310390
Sample Point: MW33		WDNR Point ID: 155													
231128	GROUNDWATER ELEVATION		857.68	FT MSL											
Sample Point: MW100		WDNR Point ID: 175													
231128	GROUNDWATER ELEVATION		860.26	FT MSL											

Sample Date	Parameter	Qualifier	Value	Units	PAL	ES	Type of Exceedance	Type of Standard	QC 1	QC 2	QC 3	RL	LOD	LOQ	WDNR Lab Cert
Sample Point: 08FB		WDNR Point ID: 997													
231128	1,1,1-TRICHLOROETHANE	N		UG/L					M	M		1.0	0.82	2.7	998310390
231128	1,1,2,2-TETRACHLOROETHANE	N		UG/L					M	M		1.0	0.21	0.70	998310390
231128	1,1,2-TRICHLOROETHANE	N		UG/L					M	M		1.0	0.23	0.77	998310390
231128	1,1-DICHLOROETHANE	N		UG/L					M	M		1.0	0.38	1.3	998310390
231128	1,1-DICHLOROETHYLENE	N		UG/L					M	M		1.0	0.29	0.97	998310390
231128	1,2,4-TRICHLOROBENZENE	N		UG/L					M	M		1.0	0.41	1.4	998310390
231128	1,2-DIBROMO-3-CHLOROPROPANE	N		UG/L					M	M		1.0	0.39	1.3	998310390
231128	1,2-DIBROMOETHANE (EDB)	N		UG/L					M	M		1.0	0.73	2.4	998310390
231128	1,2-DICHLOROETHANE	N		UG/L					M	M		1.0	0.21	0.70	998310390
231128	1,2-DICHLOROPROPANE	N		UG/L					M	M		1.0	0.72	2.4	998310390
231128	2-HEXANONE	N		UG/L					M	F		5.0	1.2	4.1	998310390
231128	4-METHYL-2-PENTANONE (MIBK)	N		UG/L					M	M		5.0	2.1	7.0	998310390
231128	ACETONE	N		UG/L					M	M		10	3.0	10	998310390
231128	ALKALINITY-TOTAL AS CaCO3 (FILTR)		68.6	MG/L					M	M		10.0	4.0	13.3	998310390
231128	BENZENE	N		UG/L					M	M		1.0	0.41	1.4	998310390
231128	BROMODICHLOROMETHANE	N		UG/L					M	M		1.0	0.39	1.3	998310390
231128	BROMOMETHANE	N		UG/L					M	M		1.0	0.69	2.3	998310390
231128	CARBON DISULFIDE	N		UG/L					M	M		1.0	0.19	0.63	998310390
231128	CARBON TETRACHLORIDE	N		UG/L					M	F		1.0	0.27	0.90	998310390
231128	CHLOROBENZENE	N		UG/L					M	M		1.0	0.75	2.5	998310390
231128	CHLOROETHANE	N		UG/L					M	M		1.0	0.32	1.1	998310390
231128	CHLOROFORM	N		UG/L					M	M		1.0	0.34	1.1	998310390
231128	CHLOROMETHANE	N		UG/L					M	M		1.0	0.35	1.2	998310390
231128	CIS-1,2-DICHLOROETHENE	N		UG/L					M	M		1.0	0.81	2.7	998310390
231128	CIS-1,3-DICHLOROPROPENE	N		UG/L					M	M		1.0	0.36	1.2	998310390
231128	DIBROMOCHLOROMETHANE	N		UG/L					M	M		1.0	0.32	1.1	998310390
231128	DIBROMOMETHANE	N		UG/L					M	M		1.0	0.41	1.4	998310390
231128	DICHLORODIFLUOROMETHANE	N		UG/L					M	M		1.0	0.68	2.3	998310390
231128	DICHLOROMETHANE	N		UG/L					M	M		1.0	0.44	1.5	998310390
231128	DISSOLVED OXYGEN, FIELD BY PROBE		10.1	MG/L											
231128	ETHYLBENZENE	N		UG/L					M	M		1.0	0.74	2.5	998310390
231128	FLUOROTRICHLOROMETHANE	N		UG/L					M	M		1.0	0.88	2.9	998310390

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License Number: 02981
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Sample Date	Parameter	Qualifier	Value	Units	PAL	ES	Type of Exceedance	Type of Standard	QC 1	QC 2	QC 3	RL	LOD	LOQ	WDNR Lab Cert
Sample Point: 08FB		WDNR Point ID: 997													
231128	IRON-DISSOLVED AS FE	N		MG/L					M	M		0.030	0.019	0.064	998310390
231128	MANGANESE-DISSOLVED AS MN		2.5	UG/L					M	M		2.0	0.40	1.3	998310390
231128	M-DICHLOROBENZENE	N		UG/L					M	M		1.0	0.78	2.6	998310390
231128	METHYL ETHYL KETONE (MEK)	N		UG/L					M	F		10	1.3	4.4	998310390
231128	METHYL TERT-BUTYL ETHER (MTBE)	N		UG/L					M	M		1.0	0.16	0.53	998310390
231128	NAPHTHALENE	N		UG/L					M	M		1.0	0.43	1.4	998310390
231128	NITRITE PLUS NITRATE-DISSOLVED AS N	N		MG/L AS N					M	M		0.050	0.020	0.067	998310390
231128	O-DICHLOROBENZENE	N		UG/L					M	M		1.0	0.79	2.6	998310390
231128	OXIDATION REDUCTION POTENTIAL		61.3	MILLIVOLTS											
231128	P-DICHLOROBENZENE	N		UG/L					M	M		1.0	0.84	2.8	998310390
231128	PH-FIELD		7.88	SU											
231128	SAMPLE COLOR	N		NONE											
231128	SAMPLE ODOR	N		NONE											
231128	SAMPLE TEMPERATURE		20.1	DEGREES C											
231128	SAMPLE TURBIDITY	N		NONE											
231128	SPECIFIC CONDUCTANCE-FIELD		348.0	UMHOS/CM											
231128	STYRENE	N		UG/L					M	M		1.0	0.73	2.4	998310390
231128	SULFATE-DISSOLVED AS SO4	N		MG/L					M	M		2.0	0.35	1.2	998310390
231128	TETRACHLOROETHYLENE	N		UG/L					M	M		1.0	0.36	1.2	998310390
231128	TETRAHYDROFURAN	N		UG/L					M	M		5.0	1.3	4.2	998310390
231128	TOLUENE	N		UG/L					M	M		1.0	0.51	1.7	998310390
231128	TRANS-1,2-DICHLOROETHENE (TOTAL)	N		UG/L					M	M		1.0	0.90	3.0	998310390
231128	TRANS-1,3-DICHLOROPROPENE	N		UG/L					M	M		1.0	0.37	1.2	998310390
231128	TRIBROMOMETHANE	N		UG/L					M	F		1.0	0.26	0.87	998310390
231128	TRICHLOROETHYLENE	N		UG/L					M	M		1.0	0.46	1.5	998310390
231128	VINYL CHLORIDE	N		UG/L					M	M		0.020	0.004	0.013	998310390
231128	VINYL CHLORIDE	N		UG/L					M	F		1.0	0.90	3.0	998310390
231128	XYLENES-TOTAL	N		UG/L					M	M		2.0	0.66	2.2	998310390
Sample Point: TB		WDNR Point ID: 999													
231128	1,1,1-TRICHLOROETHANE	N		UG/L					M	M		1.0	0.82	2.7	998310390
231128	1,1,2,2-TETRACHLOROETHANE	N		UG/L					M	M		1.0	0.21	0.70	998310390
231128	1,1,2-TRICHLOROETHANE	N		UG/L					M	M		1.0	0.23	0.77	998310390

Sample Date	Parameter	Qualifier	Value	Units	PAL	ES	Type of Exceedance	Type of Standard	QC 1	QC 2	QC 3	RL	LOD	LOQ	WDNR Lab Cert
Sample Point: TB		WDNR Point ID: 999													
231128	1,1-DICHLOROETHANE	N		UG/L					M	M		1.0	0.38	1.3	998310390
231128	1,1-DICHLOROETHYLENE	N		UG/L					M	M		1.0	0.29	0.97	998310390
231128	1,2,4-TRICHLOROBENZENE	N		UG/L					M	M		1.0	0.41	1.4	998310390
231128	1,2-DIBROMO-3-CHLOROPROPANE	N		UG/L					M	M		1.0	0.39	1.3	998310390
231128	1,2-DIBROMOETHANE (EDB)	N		UG/L					M	M		1.0	0.73	2.4	998310390
231128	1,2-DICHLOROETHANE	N		UG/L					M	M		1.0	0.21	0.70	998310390
231128	1,2-DICHLOROPROPANE	N		UG/L					M	M		1.0	0.72	2.4	998310390
231128	2-HEXANONE	N		UG/L					M	F		5.0	1.2	4.1	998310390
231128	4-METHYL-2-PENTANONE (MIBK)	N		UG/L					M	M		5.0	2.1	7.0	998310390
231128	ACETONE	N		UG/L					M	M		10	3.0	10	998310390
231128	BENZENE	N		UG/L					M	M		1.0	0.41	1.4	998310390
231128	BROMODICHLOROMETHANE	N		UG/L					M	M		1.0	0.39	1.3	998310390
231128	BROMOMETHANE	N		UG/L					M	M		1.0	0.69	2.3	998310390
231128	CARBON DISULFIDE	N		UG/L					M	M		1.0	0.19	0.63	998310390
231128	CARBON TETRACHLORIDE	N		UG/L					M	F		1.0	0.27	0.90	998310390
231128	CHLOROBENZENE	N		UG/L					M	M		1.0	0.75	2.5	998310390
231128	CHLOROETHANE	N		UG/L					M	M		1.0	0.32	1.1	998310390
231128	CHLOROFORM	N		UG/L					M	M		1.0	0.34	1.1	998310390
231128	CHLOROMETHANE	N		UG/L					M	M		1.0	0.35	1.2	998310390
231128	CIS-1,2-DICHLOROETHENE	N		UG/L					M	M		1.0	0.81	2.7	998310390
231128	CIS-1,3-DICHLOROPROPENE	N		UG/L					M	M		1.0	0.36	1.2	998310390
231128	DIBROMOCHLOROMETHANE	N		UG/L					M	M		1.0	0.32	1.1	998310390
231128	DIBROMOMETHANE	N		UG/L					M	M		1.0	0.41	1.4	998310390
231128	DICHLORODIFLUOROMETHANE	N		UG/L					M	M		1.0	0.68	2.3	998310390
231128	DICHLOROMETHANE	N		UG/L					M	M		1.0	0.44	1.5	998310390
231128	ETHYLBENZENE	N		UG/L					M	M		1.0	0.74	2.5	998310390
231128	FLUOROTRICHLOROMETHANE	N		UG/L					M	M		1.0	0.88	2.9	998310390
231128	M-DICHLOROBENZENE	N		UG/L					M	M		1.0	0.78	2.6	998310390
231128	METHYL ETHYL KETONE (MEK)	N		UG/L					M	F		10	1.3	4.4	998310390
231128	METHYL TERT-BUTYL ETHER (MTBE)	N		UG/L					M	M		1.0	0.16	0.53	998310390
231128	NAPHTHALENE	N		UG/L					M	M		1.0	0.43	1.4	998310390
231128	O-DICHLOROBENZENE	N		UG/L					M	M		1.0	0.79	2.6	998310390

Hagen Farm Landfill
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Sample Date	Parameter	Qualifier	Value	Units	PAL	ES	Type of Exceedance	Type of Standard	QC 1	QC 2	QC 3	RL	LOD	LOQ	WDNR Lab Cert
Sample Point: TB		WDNR Point ID: 999													
231128	P-DICHLOROBENZENE	N		UG/L					M	M		1.0	0.84	2.8	998310390
231128	STYRENE	N		UG/L					M	M		1.0	0.73	2.4	998310390
231128	TETRACHLOROETHYLENE	N		UG/L					M	M		1.0	0.36	1.2	998310390
231128	TETRAHYDROFURAN	N		UG/L					M	M		5.0	1.3	4.2	998310390
231128	TOLUENE	N		UG/L					M	M		1.0	0.51	1.7	998310390
231128	TRANS-1,2-DICHLOROETHENE (TOTAL)	N		UG/L					M	M		1.0	0.90	3.0	998310390
231128	TRANS-1,3-DICHLOROPROPENE	N		UG/L					M	M		1.0	0.37	1.2	998310390
231128	TRIBROMOMETHANE	N		UG/L					M	F		1.0	0.26	0.87	998310390
231128	TRICHLOROETHYLENE	N		UG/L					M	M		1.0	0.46	1.5	998310390
231128	VINYL CHLORIDE	N		UG/L					M	F		1.0	0.90	3.0	998310390
231128	VINYL CHLORIDE	N		UG/L					M	M		0.020	0.004	0.013	998310390
231128	XYLENES-TOTAL	N		UG/L					M	M		2.0	0.66	2.2	998310390