

January 6, 2022  
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 2021 Environmental Data Submittal

Dear GEMS Data Submittal Contact:

Enclosed is the fourth quarter 2021 environmental data submittal for the Hagen Farm Landfill, License No. 02981. The submittal includes results from the fourth quarter sampling event at the site, which includes analysis of samples from all wells included in the groundwater monitoring program for an expanded list of parameters. The data were 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 17, 2021, included the collection of groundwater samples from 13 monitoring wells in the vicinity of the site. Groundwater elevations were collected at an additional five monitoring wells. The samples and associated field data were collected by SCS Engineers (SCS) staff. The samples were submitted to Eurofins TestAmerica Buffalo (Wisconsin Lab Certification No. 998310390) for laboratory analysis.

The vials with sample(s) for analysis of vinyl chloride, a volatile organic compound (VOC), by selective ion methodology (SIM) from one well (i.e., P26B) reportedly arrived broken at the laboratory. After receipt of replacement sample vials from the laboratory, monitoring well P26B was resampled by SCS for vinyl chloride by SIM on December 9, 2021; that result is included in this submittal.

## **INFORMATION INCLUDED IN THIS SUBMITTAL**

This submittal includes the following:

- A CD with the electronic data submittal file (nov21-02981.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:

- 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 and other VOCs have not significantly increased at monitoring wells downgradient of the LFAS or SVE systems during the approximate 2-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 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

No results during this reporting period were qualified by the laboratory as failing the Wisconsin Department of Natural Resources (WDNR) Quality Control (QC) Flag 1 criteria due to identification of analytes in the laboratory method, trip blanks (TBs), or field blanks (FBs) associated with the batch in which the specific samples were reported at a concentration above the specified criteria.

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

A total of 39 results associated with 8 VOCs from analysis of groundwater samples from this reporting period were qualified by the laboratory as failing the WDNR QC Flag 3 criteria in that the results failed to meet laboratory quality control standards. The qualified VOCs and number of results include 1,1,1-trichloroethane (5), 1,2,4-trichlorobenzene (5), 4-methyl-2-pentanone (2), carbon disulfide (5), chloromethane (10), methyl tert-butyl ether (5), naphthalene (5), and tetrahydrofuran (2). These results were qualified by the laboratory because the recovery of the continuing calibration verification sample was outside of the acceptance limits for the aforementioned parameters. None of those eight VOCs were quantified by the laboratory in analysis of the groundwater samples from this reporting period, and only one VOC (vinyl chloride) was quantified at concentrations above regulatory criteria (i.e. PAL or ES), thus the qualified results are not expected to impact the review of data from this period.

In addition to laboratory QC measures, the laboratory analyzed three samples as a TB and one as a FB that were prepared in association with the fourth quarter sampling event to assess data quality. No VOCs were quantified in analysis of the TBs. Acetone, which is a common laboratory contaminant, was the only VOC reported at a low (i.e., less than the PAL), estimated (i.e., J-Flagged) concentration in analysis of the FB. The results from analysis of the FB for other field and laboratory parameters are typical of deionized water that was used to prepare the sample; thus, 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 Zach by phone at (262) 518-4082, or by e-mail at [zwatson@scsengineers.com](mailto:zwatson@scsengineers.com), if you have any questions regarding this report.

Sincerely,



Zach Watson  
Associate Scientist  
SCS Engineers



Michael J. Prattke  
Project Director  
SCS Engineers

ZW/AJR/MP

cc: Ms. Sheila Sullivan, USEPA, w/o disc  
Mr. Michael Peterson, Waste Management of Wisconsin, Inc., w/o disc  
Mr. Bruce LeRoy, WDNR, e-mail transmittal only


GEMS Data Submittal Contact

January 6, 2022

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- Encl. Attachment A – Fourth Quarter Groundwater Sampling Event – November 2021  
Identification of NR 140 Exceedances
- Attachment B – Fourth Quarter Groundwater Sampling Event – November 2021  
Identification of Sample Results Between the LOD and LOQ (“J-Flags”)
- Attachment C – Fourth Quarter Groundwater Sampling Event – November 2021  
Environmental Monitoring Data Certification [Form 4400-231 (R 5/17)]
- Attachment D – Fourth Quarter Groundwater Sampling Event – November 2021  
Environmental Monitoring Data

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Attachment A

Fourth Quarter Groundwater Sampling Event  
November 2021  
Identification of NR 140 Exceedances

# Hagen Farm Landfill

Attachment A  
Fourth Quarter 2021

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						
P17B	211117	IRON-DISSOLVED AS FE	1.0	0.15	0.3	MG/L	Table 2	P*	0.030	0.019	0.064	
MW22	211117	IRON-DISSOLVED AS FE	4.8	0.15	0.3	MG/L	Table 2	P*	0.030	0.019	0.064	
P22B	211117	IRON-DISSOLVED AS FE	0.43	0.15	0.3	MG/L	Table 2	P*	0.030	0.019	0.064	
OB8M	211117	MANGANESE-DISSOLVED AS MN	139	60	300	UG/L	Table 1	P	2.0	0.40	1.3	
OB8M	211117	MANGANESE-DISSOLVED AS MN	139	25	50	UG/L	Table 2	E	2.0	0.40	1.3	
P17B	211117	MANGANESE-DISSOLVED AS MN	206	60	300	UG/L	Table 1	P	2.0	0.40	1.3	
P17B	211117	MANGANESE-DISSOLVED AS MN	206	25	50	UG/L	Table 2	P*	2.0	0.40	1.3	
MW22	211117	MANGANESE-DISSOLVED AS MN	434	60	300	UG/L	Table 1	P*	2.0	0.40	1.3	
MW22	211117	MANGANESE-DISSOLVED AS MN	434	25	50	UG/L	Table 2	P*	2.0	0.40	1.3	
P22B	211117	MANGANESE-DISSOLVED AS MN	170	60	300	UG/L	Table 1	P	2.0	0.40	1.3	
P22B	211117	MANGANESE-DISSOLVED AS MN	170	25	50	UG/L	Table 2	P*	2.0	0.40	1.3	
OBS2C	211117	NITRITE PLUS NITRATE-DISSOLVED AS N	4.6	2	10	MG/L AS N	Table 1	P	0.10	0.040	0.13	
OB8M	211117	VINYL CHLORIDE	0.15	0.02	0.2	UG/L	Table 1	P	0.020	0.004	0.013	
P17C	211117	VINYL CHLORIDE	0.087	0.02	0.2	UG/L	Table 1	P	0.020	0.004	0.013	
MW22	211117	VINYL CHLORIDE	0.52	0.02	0.2	UG/L	Table 1	P*	0.020	0.004	0.013	
P22B	211117	VINYL CHLORIDE	0.25	0.02	0.2	UG/L	Table 1	P*	0.020	0.004	0.013	
P26B	211209	VINYL CHLORIDE	0.20	0.02	0.2	UG/L	Table 1	P*	0.020	0.004	0.013	

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 2021

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

# Hagen Farm Landfill

Attachment B  
Fourth Quarter 2021

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					
OBS1C	211117	NITRITE PLUS NITRATE-DISSOLVED AS N	0.061	2	10	MG/L AS N	J	0.050	0.020	0.067
OBS2C	211117	MANGANESE-DISSOLVED AS MN	0.73	60	300	UG/L	J	2.0	0.40	1.3
P17B	211117	VINYL CHLORIDE	0.0066	0.02	0.2	UG/L	J	0.020	0.004	0.013
MW22	211117	ACETONE	3.8	1800	9000	UG/L	J	10	3.0	10
MW22	211117	CIS-1,2-DICHLOROETHENE	1.9	7	70	UG/L	J	1.0	0.81	2.7
MW22	211117	NITRITE PLUS NITRATE-DISSOLVED AS N	0.034	2	10	MG/L AS N	J	0.050	0.020	0.067
P22B	211117	NITRITE PLUS NITRATE-DISSOLVED AS N	0.020	2	10	MG/L AS N	J	0.050	0.020	0.067

**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 2021  
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 Zach Watson	Phone No. (include area code) (262) 518-4082
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Email zwatson@scsengineers.com
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Facility Name Hagen Farms Landfill
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License # / Monitoring ID 02981	Facility ID (FID) 113176030
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Actual sampling dates (e.g., July 2-6, 2003) November 17, 2021, December 9, 2021	The enclosed results are for sampling required in the month(s) of: (e.g., June 2003) November 2021
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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) Zach Watson	Title Scientist	Phone No. (include area code) (262) 518-4082
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Signature Zach Watson Date Signed (mm/dd/yyyy) 12/30/2021

**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 2021  
Environmental Monitoring Data

# Hagen Farm Landfill

Attachment D

Stoughton, WI

License Number: 02981

Facility ID Number: 113176030

Fourth Quarter 2021 Environmental Monitoring Data

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Samples Collected by:

SCS Engineers

Zach Watson and Mike Kraut

Samples Analyzed by:

Test America, Inc., Amherst, NY (Laboratory Certification Number: 998310390)

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

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## 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)

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## 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

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## 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

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Hagen Farm Landfill  
WMI Site Number: 393

License Number: 02981  
Facility ID Number:

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													
211117	1,1,1-TRICHLOROETHANE	N		UG/L	40	200		Table 1	M	M	M	1.0	0.82	2.7	998310390
211117	1,1,2,2-TETRACHLOROETHANE	N		UG/L	0.02	0.2		Table 1	M	M	M	1.0	0.21	0.70	998310390
211117	1,1,2-TRICHLOROETHANE	N		UG/L	0.5	5		Table 1	M	M	M	1.0	0.23	0.77	998310390
211117	1,1-DICHLOROETHANE	N		UG/L	85	850		Table 1	M	M	M	1.0	0.38	1.3	998310390
211117	1,1-DICHLOROETHYLENE	N		UG/L	0.7	7		Table 1	M	M	M	1.0	0.29	0.97	998310390
211117	1,2,4-TRICHLOROBENZENE	N		UG/L	14	70		Table 1	M	M	M	1.0	0.41	1.4	998310390
211117	1,2-DIBROMO-3-CHLOROPROPANE	N		UG/L	0.02	0.2		Table 1	M	M	M	1.0	0.39	1.3	998310390
211117	1,2-DIBROMOETHANE (EDB)	N		UG/L	0.005	0.05		Table 1	M	M	M	1.0	0.73	2.4	998310390
211117	1,2-DICHLOROETHANE	N		UG/L	0.5	5		Table 1	M	M	M	1.0	0.21	0.70	998310390
211117	1,2-DICHLOROPROPANE	N		UG/L	0.5	5		Table 1	M	M	M	1.0	0.72	2.4	998310390
211117	2-HEXANONE	N		UG/L					M	M	M	5.0	1.2	4.1	998310390
211117	4-METHYL-2-PENTANONE (MIBK)	N		UG/L	50	500		Table 1	M	M	M	5.0	2.1	7.0	998310390
211117	ACETONE	N		UG/L	1800	9000		Table 1	M	M	M	10	3.0	10	998310390
211117	ALKALINITY-TOTAL AS CaCO3 (FILT)		277	MG/L					M	M	M	40.0	16.0	53.3	998310390
211117	BENZENE	N		UG/L	0.5	5		Table 1	M	M	M	1.0	0.41	1.4	998310390
211117	BROMODICHLOROMETHANE	N		UG/L	0.06	0.6		Table 1	M	M	M	1.0	0.39	1.3	998310390
211117	BROMOMETHANE	N		UG/L	1	10		Table 1	M	M	M	1.0	0.69	2.3	998310390
211117	CARBON DISULFIDE	N		UG/L	200	1000		Table 1	M	M	F	1.0	0.19	0.63	998310390
211117	CARBON TETRACHLORIDE	N		UG/L	0.5	5		Table 1	M	M	M	1.0	0.27	0.90	998310390
211117	CHLOROBENZENE	N		UG/L	20	100		Table 1	M	M	M	1.0	0.75	2.5	998310390
211117	CHLOROETHANE	N		UG/L	80	400		Table 1	M	M	M	1.0	0.32	1.1	998310390
211117	CHLOROFORM	N		UG/L	0.6	6		Table 1	M	M	M	1.0	0.34	1.1	998310390
211117	CHLOROMETHANE	N		UG/L	3	30		Table 1	M	M	F	1.0	0.35	1.2	998310390
211117	CIS-1,2-DICHLOROETHENE	N		UG/L	7	70		Table 1	M	M	M	1.0	0.81	2.7	998310390
211117	CIS-1,3-DICHLOROPROPENE	N		UG/L	0.04	0.4		Table 1	M	M	M	1.0	0.36	1.2	998310390
211117	DIBROMOCHLOROMETHANE	N		UG/L	6	60		Table 1	M	M	M	1.0	0.32	1.1	998310390
211117	DIBROMOMETHANE	N		UG/L					M	M	M	1.0	0.41	1.4	998310390
211117	DICHLORODIFLUOROMETHANE	N		UG/L	200	1000		Table 1	M	M	M	1.0	0.68	2.3	998310390
211117	DICHLOROMETHANE	N		UG/L	0.5	5		Table 1	M	M	M	1.0	0.44	1.5	998310390
211117	DISSOLVED OXYGEN, FIELD BY PROBE		2.8	MG/L											
211117	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													
211117	FLUOROTRICHLOROMETHANE	N		UG/L	698	3490		Table 1	M	M	M	1.0	0.88	2.9	998310390
211117	GROUNDWATER ELEVATION		857.66	FT MSL											
211117	IRON-DISSOLVED AS FE	N		MG/L	0.15	0.3		Table 2	M	M	M	0.030	0.019	0.064	998310390
211117	MANGANESE-DISSOLVED AS MN		2.3	UG/L	60	300		Table 1	M	M	M	2.0	0.40	1.3	998310390
211117	MANGANESE-DISSOLVED AS MN		2.3	UG/L	25	50		Table 2	M	M	M	2.0	0.40	1.3	998310390
211117	M-DICHLOROBENZENE	N		UG/L	120	600		Table 1	M	M	M	1.0	0.78	2.6	998310390
211117	METHYL ETHYL KETONE (MEK)	N		UG/L	800	4000		Table 1	M	M	M	10	1.3	4.4	998310390
211117	METHYL TERT-BUTYL ETHER (MTBE)	N		UG/L	12	60		Table 1	M	M	M	1.0	0.16	0.53	998310390
211117	NAPHTHALENE	N		UG/L	10	100		Table 1	M	M	M	1.0	0.43	1.4	998310390
211117	NITRITE PLUS NITRATE-DISSOLVED AS N		0.15	MG/L AS N	2	10		Table 1	M	M	M	0.050	0.020	0.067	998310390
211117	O-DICHLOROBENZENE	N		UG/L	60	600		Table 1	M	M	M	1.0	0.79	2.6	998310390
211117	OXIDATION REDUCTION POTENTIAL		209	MILLIVOLTS											
211117	P-DICHLOROBENZENE	N		UG/L	15	75		Table 1	M	M	M	1.0	0.84	2.8	998310390
211117	PH-FIELD		7.42	SU											
211117	SAMPLE COLOR	N		NONE											
211117	SAMPLE ODOR	N		NONE											
211117	SAMPLE TEMPERATURE		14.0	DEGREES C											
211117	SAMPLE TURBIDITY	N		NONE											
211117	SPECIFIC CONDUCTANCE-FIELD		507	UMHOS/CM											
211117	STYRENE	N		UG/L	10	100		Table 1	M	M	M	1.0	0.73	2.4	998310390
211117	SULFATE-DISSOLVED AS SO4		2.0	MG/L	125	250		Table 2	M	M	M	2.0	0.35	1.2	998310390
211117	TETRACHLOROETHYLENE	N		UG/L	0.5	5		Table 1	M	M	M	1.0	0.36	1.2	998310390
211117	TETRAHYDROFURAN	N		UG/L	10	50		Table 1	M	M	M	5.0	1.3	4.2	998310390
211117	TOLUENE	N		UG/L	160	800		Table 1	M	M	M	1.0	0.51	1.7	998310390
211117	TRANS-1,2-DICHLOROETHENE (TOTAL)	N		UG/L	20	100		Table 1	M	M	M	1.0	0.90	3.0	998310390
211117	TRANS-1,3-DICHLOROPROPENE	N		UG/L	0.04	0.4		Table 1	M	M	M	1.0	0.37	1.2	998310390
211117	TRIBROMOMETHANE	N		UG/L	0.44	4.4		Table 1	M	M	M	1.0	0.26	0.87	998310390
211117	TRICHLOROETHYLENE	N		UG/L	0.5	5		Table 1	M	M	M	1.0	0.46	1.5	998310390
211117	VINYL CHLORIDE	N		UG/L	0.02	0.2		Table 1	M	M	M	1.0	0.90	3.0	998310390
211117	VINYL CHLORIDE	N		UG/L	0.02	0.2		Table 1	M	M	M	0.020	0.004	0.013	998310390
211117	XYLENES-TOTAL	N		UG/L	400	2000		Table 1	M	M	M	2.0	0.66	2.2	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: OBS1B		WDNR Point ID: 015													
211117	1,1,1-TRICHLOROETHANE	N		UG/L	40	200		Table 1	M	M	M	1.0	0.82	2.7	998310390
211117	1,1,2,2-TETRACHLOROETHANE	N		UG/L	0.02	0.2		Table 1	M	M	M	1.0	0.21	0.70	998310390
211117	1,1,2-TRICHLOROETHANE	N		UG/L	0.5	5		Table 1	M	M	M	1.0	0.23	0.77	998310390
211117	1,1-DICHLOROETHANE	N		UG/L	85	850		Table 1	M	M	M	1.0	0.38	1.3	998310390
211117	1,1-DICHLOROETHYLENE	N		UG/L	0.7	7		Table 1	M	M	M	1.0	0.29	0.97	998310390
211117	1,2,4-TRICHLOROBENZENE	N		UG/L	14	70		Table 1	M	M	M	1.0	0.41	1.4	998310390
211117	1,2-DIBROMO-3-CHLOROPROPANE	N		UG/L	0.02	0.2		Table 1	M	M	M	1.0	0.39	1.3	998310390
211117	1,2-DIBROMOETHANE (EDB)	N		UG/L	0.005	0.05		Table 1	M	M	M	1.0	0.73	2.4	998310390
211117	1,2-DICHLOROETHANE	N		UG/L	0.5	5		Table 1	M	M	M	1.0	0.21	0.70	998310390
211117	1,2-DICHLOROPROPANE	N		UG/L	0.5	5		Table 1	M	M	M	1.0	0.72	2.4	998310390
211117	2-HEXANONE	N		UG/L					M	M	M	5.0	1.2	4.1	998310390
211117	4-METHYL-2-PENTANONE (MIBK)	N		UG/L	50	500		Table 1	M	M	M	5.0	2.1	7.0	998310390
211117	ACETONE	N		UG/L	1800	9000		Table 1	M	M	M	10	3.0	10	998310390
211117	ALKALINITY-TOTAL AS CaCO3 (FILT)		484	MG/L					M	M	M	60.0	24.0	80.0	998310390
211117	BENZENE	N		UG/L	0.5	5		Table 1	M	M	M	1.0	0.41	1.4	998310390
211117	BROMODICHLOROMETHANE	N		UG/L	0.06	0.6		Table 1	M	M	M	1.0	0.39	1.3	998310390
211117	BROMOMETHANE	N		UG/L	1	10		Table 1	M	M	M	1.0	0.69	2.3	998310390
211117	CARBON DISULFIDE	N		UG/L	200	1000		Table 1	M	M	F	1.0	0.19	0.63	998310390
211117	CARBON TETRACHLORIDE	N		UG/L	0.5	5		Table 1	M	M	M	1.0	0.27	0.90	998310390
211117	CHLOROBENZENE	N		UG/L	20	100		Table 1	M	M	M	1.0	0.75	2.5	998310390
211117	CHLOROETHANE	N		UG/L	80	400		Table 1	M	M	M	1.0	0.32	1.1	998310390
211117	CHLOROFORM	N		UG/L	0.6	6		Table 1	M	M	M	1.0	0.34	1.1	998310390
211117	CHLOROMETHANE	N		UG/L	3	30		Table 1	M	M	F	1.0	0.35	1.2	998310390
211117	CIS-1,2-DICHLOROETHENE	N		UG/L	7	70		Table 1	M	M	M	1.0	0.81	2.7	998310390
211117	CIS-1,3-DICHLOROPROPENE	N		UG/L	0.04	0.4		Table 1	M	M	M	1.0	0.36	1.2	998310390
211117	DIBROMOCHLOROMETHANE	N		UG/L	6	60		Table 1	M	M	M	1.0	0.32	1.1	998310390
211117	DIBROMOMETHANE	N		UG/L					M	M	M	1.0	0.41	1.4	998310390
211117	DICHLORODIFLUOROMETHANE	N		UG/L	200	1000		Table 1	M	M	M	1.0	0.68	2.3	998310390
211117	DICHLOROMETHANE	N		UG/L	0.5	5		Table 1	M	M	M	1.0	0.44	1.5	998310390
211117	DISSOLVED OXYGEN, FIELD BY PROBE		6.2	MG/L											
211117	ETHYLBENZENE	N		UG/L	140	700		Table 1	M	M	M	1.0	0.74	2.5	998310390
211117	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
<b>Sample Point: OBS1B</b>		<b>WDNR Point ID: 015</b>													
211117	GROUNDWATER ELEVATION		857.90	FT MSL											
211117	IRON-DISSOLVED AS FE	N		MG/L	0.15	0.3		Table 2	M	M	M	0.030	0.019	0.064	998310390
211117	MANGANESE-DISSOLVED AS MN		5.5	UG/L	60	300		Table 1	M	M	M	2.0	0.40	1.3	998310390
211117	MANGANESE-DISSOLVED AS MN		5.5	UG/L	25	50		Table 2	M	M	M	2.0	0.40	1.3	998310390
211117	M-DICHLOROBENZENE	N		UG/L	120	600		Table 1	M	M	M	1.0	0.78	2.6	998310390
211117	METHYL ETHYL KETONE (MEK)	N		UG/L	800	4000		Table 1	M	M	M	10	1.3	4.4	998310390
211117	METHYL TERT-BUTYL ETHER (MTBE)	N		UG/L	12	60		Table 1	M	M	M	1.0	0.16	0.53	998310390
211117	NAPHTHALENE	N		UG/L	10	100		Table 1	M	M	M	1.0	0.43	1.4	998310390
211117	NITRITE PLUS NITRATE-DISSOLVED AS N		0.33	MG/L AS N	2	10		Table 1	M	M	M	0.050	0.020	0.067	998310390
211117	O-DICHLOROBENZENE	N		UG/L	60	600		Table 1	M	M	M	1.0	0.79	2.6	998310390
211117	OXIDATION REDUCTION POTENTIAL		260	MILLIVOLTS											
211117	P-DICHLOROBENZENE	N		UG/L	15	75		Table 1	M	M	M	1.0	0.84	2.8	998310390
211117	PH-FIELD		7.40	SU											
211117	SAMPLE COLOR	N		NONE											
211117	SAMPLE ODOR	N		NONE											
211117	SAMPLE TEMPERATURE		12.6	DEGREES C											
211117	SAMPLE TURBIDITY	N		NONE											
211117	SPECIFIC CONDUCTANCE-FIELD		977	UMHOS/CM											
211117	STYRENE	N		UG/L	10	100		Table 1	M	M	M	1.0	0.73	2.4	998310390
211117	SULFATE-DISSOLVED AS SO4		33.5	MG/L	125	250		Table 2	M	M	M	4.0	0.70	2.3	998310390
211117	TETRACHLOROETHYLENE	N		UG/L	0.5	5		Table 1	M	M	M	1.0	0.36	1.2	998310390
211117	TETRAHYDROFURAN	N		UG/L	10	50		Table 1	M	M	M	5.0	1.3	4.2	998310390
211117	TOLUENE	N		UG/L	160	800		Table 1	M	M	M	1.0	0.51	1.7	998310390
211117	TRANS-1,2-DICHLOROETHENE (TOTAL)	N		UG/L	20	100		Table 1	M	M	M	1.0	0.90	3.0	998310390
211117	TRANS-1,3-DICHLOROPROPENE	N		UG/L	0.04	0.4		Table 1	M	M	M	1.0	0.37	1.2	998310390
211117	TRIBROMOMETHANE	N		UG/L	0.44	4.4		Table 1	M	M	M	1.0	0.26	0.87	998310390
211117	TRICHLOROETHYLENE	N		UG/L	0.5	5		Table 1	M	M	M	1.0	0.46	1.5	998310390
211117	VINYL CHLORIDE	N		UG/L	0.02	0.2		Table 1	M	M	M	1.0	0.90	3.0	998310390
211117	VINYL CHLORIDE	N		UG/L	0.02	0.2		Table 1	M	M	M	0.020	0.004	0.013	998310390
211117	XYLENES-TOTAL	N		UG/L	400	2000		Table 1	M	M	M	2.0	0.66	2.2	998310390
<b>Sample Point: OBS1C</b>		<b>WDNR Point ID: 017</b>													
211117	1,1,1-TRICHLOROETHANE	N		UG/L	40	200		Table 1	M	M	M	1.0	0.82	2.7	998310390



Hagen Farm Landfill  
WMI Site Number: 393

License Number: 02981  
Facility ID Number:

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													
211117	1,1,2,2-TETRACHLOROETHANE	N		UG/L	0.02	0.2		Table 1	M	M	M	1.0	0.21	0.70	998310390
211117	1,1,2-TRICHLOROETHANE	N		UG/L	0.5	5		Table 1	M	M	M	1.0	0.23	0.77	998310390
211117	1,1-DICHLOROETHANE	N		UG/L	85	850		Table 1	M	M	M	1.0	0.38	1.3	998310390
211117	1,1-DICHLOROETHYLENE	N		UG/L	0.7	7		Table 1	M	M	M	1.0	0.29	0.97	998310390
211117	1,2,4-TRICHLOROBENZENE	N		UG/L	14	70		Table 1	M	M	M	1.0	0.41	1.4	998310390
211117	1,2-DIBROMO-3-CHLOROPROPANE	N		UG/L	0.02	0.2		Table 1	M	M	M	1.0	0.39	1.3	998310390
211117	1,2-DIBROMOETHANE (EDB)	N		UG/L	0.005	0.05		Table 1	M	M	M	1.0	0.73	2.4	998310390
211117	1,2-DICHLOROETHANE	N		UG/L	0.5	5		Table 1	M	M	M	1.0	0.21	0.70	998310390
211117	1,2-DICHLOROPROPANE	N		UG/L	0.5	5		Table 1	M	M	M	1.0	0.72	2.4	998310390
211117	2-HEXANONE	N		UG/L					M	M	M	5.0	1.2	4.1	998310390
211117	4-METHYL-2-PENTANONE (MIBK)	N		UG/L	50	500		Table 1	M	M	M	5.0	2.1	7.0	998310390
211117	ACETONE	N		UG/L	1800	9000		Table 1	M	M	M	10	3.0	10	998310390
211117	ALKALINITY-TOTAL AS CaCO3 (FILTR)		434	MG/L					M	M	M	50.0	20.0	66.7	998310390
211117	BENZENE	N		UG/L	0.5	5		Table 1	M	M	M	1.0	0.41	1.4	998310390
211117	BROMODICHLOROMETHANE	N		UG/L	0.06	0.6		Table 1	M	M	M	1.0	0.39	1.3	998310390
211117	BROMOMETHANE	N		UG/L	1	10		Table 1	M	M	M	1.0	0.69	2.3	998310390
211117	CARBON DISULFIDE	N		UG/L	200	1000		Table 1	M	M	F	1.0	0.19	0.63	998310390
211117	CARBON TETRACHLORIDE	N		UG/L	0.5	5		Table 1	M	M	M	1.0	0.27	0.90	998310390
211117	CHLOROBENZENE	N		UG/L	20	100		Table 1	M	M	M	1.0	0.75	2.5	998310390
211117	CHLOROETHANE	N		UG/L	80	400		Table 1	M	M	M	1.0	0.32	1.1	998310390
211117	CHLOROFORM	N		UG/L	0.6	6		Table 1	M	M	M	1.0	0.34	1.1	998310390
211117	CHLOROMETHANE	N		UG/L	3	30		Table 1	M	M	F	1.0	0.35	1.2	998310390
211117	CIS-1,2-DICHLOROETHENE	N		UG/L	7	70		Table 1	M	M	M	1.0	0.81	2.7	998310390
211117	CIS-1,3-DICHLOROPROPENE	N		UG/L	0.04	0.4		Table 1	M	M	M	1.0	0.36	1.2	998310390
211117	DIBROMOCHLOROMETHANE	N		UG/L	6	60		Table 1	M	M	M	1.0	0.32	1.1	998310390
211117	DIBROMOMETHANE	N		UG/L					M	M	M	1.0	0.41	1.4	998310390
211117	DICHLORODIFLUOROMETHANE	N		UG/L	200	1000		Table 1	M	M	M	1.0	0.68	2.3	998310390
211117	DICHLOROMETHANE	N		UG/L	0.5	5		Table 1	M	M	M	1.0	0.44	1.5	998310390
211117	DISSOLVED OXYGEN, FIELD BY PROBE		3.4	MG/L											
211117	ETHYLBENZENE	N		UG/L	140	700		Table 1	M	M	M	1.0	0.74	2.5	998310390
211117	FLUOROTRICHLOROMETHANE	N		UG/L	698	3490		Table 1	M	M	M	1.0	0.88	2.9	998310390
211117	GROUNDWATER ELEVATION		857.89	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
<b>Sample Point: OBS1C</b>		<b>WDNR Point ID: 017</b>													
211117	IRON-DISSOLVED AS FE	N		MG/L	0.15	0.3		Table 2	M	M	M	0.030	0.019	0.064	998310390
211117	MANGANESE-DISSOLVED AS MN		2.0	UG/L	60	300		Table 1	M	M	M	2.0	0.40	1.3	998310390
211117	MANGANESE-DISSOLVED AS MN		2.0	UG/L	25	50		Table 2	M	M	M	2.0	0.40	1.3	998310390
211117	M-DICHLOROBENZENE	N		UG/L	120	600		Table 1	M	M	M	1.0	0.78	2.6	998310390
211117	METHYL ETHYL KETONE (MEK)	N		UG/L	800	4000		Table 1	M	M	M	10	1.3	4.4	998310390
211117	METHYL TERT-BUTYL ETHER (MTBE)	N		UG/L	12	60		Table 1	M	M	M	1.0	0.16	0.53	998310390
211117	NAPHTHALENE	N		UG/L	10	100		Table 1	M	M	M	1.0	0.43	1.4	998310390
211117	NITRITE PLUS NITRATE-DISSOLVED AS N	J	0.061	MG/L AS N	2	10		Table 1	M	M	M	0.050	0.020	0.067	998310390
211117	O-DICHLOROBENZENE	N		UG/L	60	600		Table 1	M	M	M	1.0	0.79	2.6	998310390
211117	OXIDATION REDUCTION POTENTIAL		295	MILLIVOLTS											
211117	P-DICHLOROBENZENE	N		UG/L	15	75		Table 1	M	M	M	1.0	0.84	2.8	998310390
211117	PH-FIELD		7.55	SU											
211117	SAMPLE COLOR	N		NONE											
211117	SAMPLE ODOR	N		NONE											
211117	SAMPLE TEMPERATURE		12.4	DEGREES C											
211117	SAMPLE TURBIDITY	N		NONE											
211117	SPECIFIC CONDUCTANCE-FIELD		798	UMHOS/CM											
211117	STYRENE	N		UG/L	10	100		Table 1	M	M	M	1.0	0.73	2.4	998310390
211117	SULFATE-DISSOLVED AS SO4		18.2	MG/L	125	250		Table 2	M	M	M	10.0	1.7	5.8	998310390
211117	TETRACHLOROETHYLENE	N		UG/L	0.5	5		Table 1	M	M	M	1.0	0.36	1.2	998310390
211117	TETRAHYDROFURAN	N		UG/L	10	50		Table 1	M	M	M	5.0	1.3	4.2	998310390
211117	TOLUENE	N		UG/L	160	800		Table 1	M	M	M	1.0	0.51	1.7	998310390
211117	TRANS-1,2-DICHLOROETHENE (TOTAL)	N		UG/L	20	100		Table 1	M	M	M	1.0	0.90	3.0	998310390
211117	TRANS-1,3-DICHLOROPROPENE	N		UG/L	0.04	0.4		Table 1	M	M	M	1.0	0.37	1.2	998310390
211117	TRIBROMOMETHANE	N		UG/L	0.44	4.4		Table 1	M	M	M	1.0	0.26	0.87	998310390
211117	TRICHLOROETHYLENE	N		UG/L	0.5	5		Table 1	M	M	M	1.0	0.46	1.5	998310390
211117	VINYL CHLORIDE	N		UG/L	0.02	0.2		Table 1	M	M	M	1.0	0.90	3.0	998310390
211117	VINYL CHLORIDE	N		UG/L	0.02	0.2		Table 1	M	M	M	0.020	0.004	0.013	998310390
211117	XYLENES-TOTAL	N		UG/L	400	2000		Table 1	M	M	M	2.0	0.66	2.2	998310390
<b>Sample Point: OBS2C</b>		<b>WDNR Point ID: 022</b>													
211117	1,1,1-TRICHLOROETHANE	N		UG/L	40	200		Table 1	M	M	F	1.0	0.82	2.7	998310390
211117	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:

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													
211117	1,1,2-TRICHLOROETHANE	N		UG/L	0.5	5		Table 1	M	M	M	1.0	0.23	0.77	998310390
211117	1,1-DICHLOROETHANE	N		UG/L	85	850		Table 1	M	M	M	1.0	0.38	1.3	998310390
211117	1,1-DICHLOROETHYLENE	N		UG/L	0.7	7		Table 1	M	M	M	1.0	0.29	0.97	998310390
211117	1,2,4-TRICHLOROBENZENE	N		UG/L	14	70		Table 1	M	M	F	1.0	0.41	1.4	998310390
211117	1,2-DIBROMO-3-CHLOROPROPANE	N		UG/L	0.02	0.2		Table 1	M	M	M	1.0	0.39	1.3	998310390
211117	1,2-DIBROMOETHANE (EDB)	N		UG/L	0.005	0.05		Table 1	M	M	M	1.0	0.73	2.4	998310390
211117	1,2-DICHLOROETHANE	N		UG/L	0.5	5		Table 1	M	M	M	1.0	0.21	0.70	998310390
211117	1,2-DICHLOROPROPANE	N		UG/L	0.5	5		Table 1	M	M	M	1.0	0.72	2.4	998310390
211117	2-HEXANONE	N		UG/L					M	M	M	5.0	1.2	4.1	998310390
211117	4-METHYL-2-PENTANONE (MIBK)	N		UG/L	50	500		Table 1	M	M	M	5.0	2.1	7.0	998310390
211117	ACETONE	N		UG/L	1800	9000		Table 1	M	M	M	10	3.0	10	998310390
211117	ALKALINITY-TOTAL AS CaCO3 (FILT)		355	MG/L					M	M	M	50.0	20.0	66.7	998310390
211117	BENZENE	N		UG/L	0.5	5		Table 1	M	M	M	1.0	0.41	1.4	998310390
211117	BROMODICHLOROMETHANE	N		UG/L	0.06	0.6		Table 1	M	M	M	1.0	0.39	1.3	998310390
211117	BROMOMETHANE	N		UG/L	1	10		Table 1	M	M	M	1.0	0.69	2.3	998310390
211117	CARBON DISULFIDE	N		UG/L	200	1000		Table 1	M	M	M	1.0	0.19	0.63	998310390
211117	CARBON TETRACHLORIDE	N		UG/L	0.5	5		Table 1	M	M	M	1.0	0.27	0.90	998310390
211117	CHLOROBENZENE	N		UG/L	20	100		Table 1	M	M	M	1.0	0.75	2.5	998310390
211117	CHLOROETHANE	N		UG/L	80	400		Table 1	M	M	M	1.0	0.32	1.1	998310390
211117	CHLOROFORM	N		UG/L	0.6	6		Table 1	M	M	M	1.0	0.34	1.1	998310390
211117	CHLOROMETHANE	N		UG/L	3	30		Table 1	M	M	F	1.0	0.35	1.2	998310390
211117	CIS-1,2-DICHLOROETHENE	N		UG/L	7	70		Table 1	M	M	M	1.0	0.81	2.7	998310390
211117	CIS-1,3-DICHLOROPROPENE	N		UG/L	0.04	0.4		Table 1	M	M	M	1.0	0.36	1.2	998310390
211117	DIBROMOCHLOROMETHANE	N		UG/L	6	60		Table 1	M	M	M	1.0	0.32	1.1	998310390
211117	DIBROMOMETHANE	N		UG/L					M	M	M	1.0	0.41	1.4	998310390
211117	DICHLORODIFLUOROMETHANE	N		UG/L	200	1000		Table 1	M	M	M	1.0	0.68	2.3	998310390
211117	DICHLOROMETHANE	N		UG/L	0.5	5		Table 1	M	M	M	1.0	0.44	1.5	998310390
211117	DISSOLVED OXYGEN, FIELD BY PROBE		7.8	MG/L											
211117	ETHYLBENZENE	N		UG/L	140	700		Table 1	M	M	M	1.0	0.74	2.5	998310390
211117	FLUOROTRICHLOROMETHANE	N		UG/L	698	3490		Table 1	M	M	M	1.0	0.88	2.9	998310390
211117	GROUNDWATER ELEVATION		857.70	FT MSL											
211117	IRON-DISSOLVED AS FE	N		MG/L	0.15	0.3		Table 2	M	M	M	0.030	0.019	0.064	998310390

Hagen Farm Landfill  
WMI Site Number: 393

License Number: 02981  
Facility ID Number:

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
<b>Sample Point: OBS2C</b>		<b>WDNR Point ID: 022</b>													
211117	MANGANESE-DISSOLVED AS MN	J	0.73	UG/L	60	300		Table 1	M	M	M	2.0	0.40	1.3	998310390
211117	MANGANESE-DISSOLVED AS MN	J	0.73	UG/L	25	50		Table 2	M	M	M	2.0	0.40	1.3	998310390
211117	M-DICHLOROBENZENE	N		UG/L	120	600		Table 1	M	M	M	1.0	0.78	2.6	998310390
211117	METHYL ETHYL KETONE (MEK)	N		UG/L	800	4000		Table 1	M	M	M	10	1.3	4.4	998310390
211117	METHYL TERT-BUTYL ETHER (MTBE)	N		UG/L	12	60		Table 1	M	M	F	1.0	0.16	0.53	998310390
211117	NAPHTHALENE	N		UG/L	10	100		Table 1	M	M	F	1.0	0.43	1.4	998310390
211117	NITRITE PLUS NITRATE-DISSOLVED AS N		4.6	MG/L AS N	2	10	P	Table 1	M	M	M	0.10	0.040	0.13	998310390
211117	O-DICHLOROBENZENE	N		UG/L	60	600		Table 1	M	M	M	1.0	0.79	2.6	998310390
211117	OXIDATION REDUCTION POTENTIAL		390	MILLIVOLTS											
211117	P-DICHLOROBENZENE	N		UG/L	15	75		Table 1	M	M	M	1.0	0.84	2.8	998310390
211117	PH-FIELD		7.39	SU											
211117	SAMPLE COLOR	N		NONE											
211117	SAMPLE ODOR	N		NONE											
211117	SAMPLE TEMPERATURE		11.4	DEGREES C											
211117	SAMPLE TURBIDITY	N		NONE											
211117	SPECIFIC CONDUCTANCE-FIELD		752	UMHOS/CM											
211117	STYRENE	N		UG/L	10	100		Table 1	M	M	M	1.0	0.73	2.4	998310390
211117	SULFATE-DISSOLVED AS SO4		19.8	MG/L	125	250		Table 2	M	M	M	10.0	1.7	5.8	998310390
211117	TETRACHLOROETHYLENE	N		UG/L	0.5	5		Table 1	M	M	M	1.0	0.36	1.2	998310390
211117	TETRAHYDROFURAN	N		UG/L	10	50		Table 1	M	M	M	5.0	1.3	4.2	998310390
211117	TOLUENE	N		UG/L	160	800		Table 1	M	M	M	1.0	0.51	1.7	998310390
211117	TRANS-1,2-DICHLOROETHENE (TOTAL)	N		UG/L	20	100		Table 1	M	M	M	1.0	0.90	3.0	998310390
211117	TRANS-1,3-DICHLOROPROPENE	N		UG/L	0.04	0.4		Table 1	M	M	M	1.0	0.37	1.2	998310390
211117	TRIBROMOMETHANE	N		UG/L	0.44	4.4		Table 1	M	M	M	1.0	0.26	0.87	998310390
211117	TRICHLOROETHYLENE	N		UG/L	0.5	5		Table 1	M	M	M	1.0	0.46	1.5	998310390
211117	VINYL CHLORIDE	N		UG/L	0.02	0.2		Table 1	M	M	M	1.0	0.90	3.0	998310390
211117	VINYL CHLORIDE	N		UG/L	0.02	0.2		Table 1	M	M	M	0.020	0.004	0.013	998310390
211117	XYLENES-TOTAL	N		UG/L	400	2000		Table 1	M	M	M	2.0	0.66	2.2	998310390
<b>Sample Point: MW7</b>		<b>WDNR Point ID: 025</b>													
211117	1,1,1-TRICHLOROETHANE	N		UG/L	40	200		Table 1	M	M	M	1.0	0.82	2.7	998310390
211117	1,1,2,2-TETRACHLOROETHANE	N		UG/L	0.02	0.2		Table 1	M	M	M	1.0	0.21	0.70	998310390
211117	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													
211117	1,1-DICHLOROETHANE	N		UG/L	85	850		Table 1	M	M	M	1.0	0.38	1.3	998310390
211117	1,1-DICHLOROETHYLENE	N		UG/L	0.7	7		Table 1	M	M	M	1.0	0.29	0.97	998310390
211117	1,2,4-TRICHLOROBENZENE	N		UG/L	14	70		Table 1	M	M	M	1.0	0.41	1.4	998310390
211117	1,2-DIBROMO-3-CHLOROPROPANE	N		UG/L	0.02	0.2		Table 1	M	M	M	1.0	0.39	1.3	998310390
211117	1,2-DIBROMOETHANE (EDB)	N		UG/L	0.005	0.05		Table 1	M	M	M	1.0	0.73	2.4	998310390
211117	1,2-DICHLOROETHANE	N		UG/L	0.5	5		Table 1	M	M	M	1.0	0.21	0.70	998310390
211117	1,2-DICHLOROPROPANE	N		UG/L	0.5	5		Table 1	M	M	M	1.0	0.72	2.4	998310390
211117	2-HEXANONE	N		UG/L					M	M	M	5.0	1.2	4.1	998310390
211117	4-METHYL-2-PENTANONE (MIBK)	N		UG/L	50	500		Table 1	M	M	F	5.0	2.1	7.0	998310390
211117	ACETONE	N		UG/L	1800	9000		Table 1	M	M	M	10	3.0	10	998310390
211117	BENZENE	N		UG/L	0.5	5		Table 1	M	M	M	1.0	0.41	1.4	998310390
211117	BROMODICHLOROMETHANE	N		UG/L	0.06	0.6		Table 1	M	M	M	1.0	0.39	1.3	998310390
211117	BROMOMETHANE	N		UG/L	1	10		Table 1	M	M	M	1.0	0.69	2.3	998310390
211117	CARBON DISULFIDE	N		UG/L	200	1000		Table 1	M	M	M	1.0	0.19	0.63	998310390
211117	CARBON TETRACHLORIDE	N		UG/L	0.5	5		Table 1	M	M	M	1.0	0.27	0.90	998310390
211117	CHLOROBENZENE	N		UG/L	20	100		Table 1	M	M	M	1.0	0.75	2.5	998310390
211117	CHLOROETHANE	N		UG/L	80	400		Table 1	M	M	M	1.0	0.32	1.1	998310390
211117	CHLOROFORM	N		UG/L	0.6	6		Table 1	M	M	M	1.0	0.34	1.1	998310390
211117	CHLOROMETHANE	N		UG/L	3	30		Table 1	M	M	M	1.0	0.35	1.2	998310390
211117	CIS-1,2-DICHLOROETHENE	N		UG/L	7	70		Table 1	M	M	M	1.0	0.81	2.7	998310390
211117	CIS-1,3-DICHLOROPROPENE	N		UG/L	0.04	0.4		Table 1	M	M	M	1.0	0.36	1.2	998310390
211117	DIBROMOCHLOROMETHANE	N		UG/L	6	60		Table 1	M	M	M	1.0	0.32	1.1	998310390
211117	DIBROMOMETHANE	N		UG/L					M	M	M	1.0	0.41	1.4	998310390
211117	DICHLORODIFLUOROMETHANE	N		UG/L	200	1000		Table 1	M	M	M	1.0	0.68	2.3	998310390
211117	DICHLOROMETHANE	N		UG/L	0.5	5		Table 1	M	M	M	1.0	0.44	1.5	998310390
211117	ETHYLBENZENE	N		UG/L	140	700		Table 1	M	M	M	1.0	0.74	2.5	998310390
211117	FLUOROTRICHLOROMETHANE	N		UG/L	698	3490		Table 1	M	M	M	1.0	0.88	2.9	998310390
211117	M-DICHLOROBENZENE	N		UG/L	120	600		Table 1	M	M	M	1.0	0.78	2.6	998310390
211117	METHYL ETHYL KETONE (MEK)	N		UG/L	800	4000		Table 1	M	M	M	10	1.3	4.4	998310390
211117	METHYL TERT-BUTYL ETHER (MTBE)	N		UG/L	12	60		Table 1	M	M	M	1.0	0.16	0.53	998310390
211117	NAPHTHALENE	N		UG/L	10	100		Table 1	M	M	M	1.0	0.43	1.4	998310390
211117	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
<b>Sample Point: MW7</b>		<b>WDNR Point ID: 025</b>													
211117	P-DICHLOROBENZENE	N		UG/L	15	75		Table 1	M	M	M	1.0	0.84	2.8	998310390
211117	STYRENE	N		UG/L	10	100		Table 1	M	M	M	1.0	0.73	2.4	998310390
211117	TETRACHLOROETHYLENE	N		UG/L	0.5	5		Table 1	M	M	M	1.0	0.36	1.2	998310390
211117	TETRAHYDROFURAN	N		UG/L	10	50		Table 1	M	M	F	5.0	1.3	4.2	998310390
211117	TOLUENE	N		UG/L	160	800		Table 1	M	M	M	1.0	0.51	1.7	998310390
211117	TRANS-1,2-DICHLOROETHENE (TOTAL)	N		UG/L	20	100		Table 1	M	M	M	1.0	0.90	3.0	998310390
211117	TRANS-1,3-DICHLOROPROPENE	N		UG/L	0.04	0.4		Table 1	M	M	M	1.0	0.37	1.2	998310390
211117	TRIBROMOMETHANE	N		UG/L	0.44	4.4		Table 1	M	M	M	1.0	0.26	0.87	998310390
211117	TRICHLOROETHYLENE	N		UG/L	0.5	5		Table 1	M	M	M	1.0	0.46	1.5	998310390
211117	VINYL CHLORIDE	N		UG/L	0.02	0.2		Table 1	M	M	M	1.0	0.90	3.0	998310390
211117	VINYL CHLORIDE	N		UG/L	0.02	0.2		Table 1	M	M	M	0.020	0.004	0.013	998310390
211117	XYLENES-TOTAL	N		UG/L	400	2000		Table 1	M	M	M	2.0	0.66	2.2	998310390
<b>Sample Point: OB8M</b>		<b>WDNR Point ID: 035</b>													
211117	1,1,1-TRICHLOROETHANE	N		UG/L	40	200		Table 1	M	M	M	1.0	0.82	2.7	998310390
211117	1,1,2,2-TETRACHLOROETHANE	N		UG/L	0.02	0.2		Table 1	M	M	M	1.0	0.21	0.70	998310390
211117	1,1,2-TRICHLOROETHANE	N		UG/L	0.5	5		Table 1	M	M	M	1.0	0.23	0.77	998310390
211117	1,1-DICHLOROETHANE	N		UG/L	85	850		Table 1	M	M	M	1.0	0.38	1.3	998310390
211117	1,1-DICHLOROETHYLENE	N		UG/L	0.7	7		Table 1	M	M	M	1.0	0.29	0.97	998310390
211117	1,2,4-TRICHLOROBENZENE	N		UG/L	14	70		Table 1	M	M	M	1.0	0.41	1.4	998310390
211117	1,2-DIBROMO-3-CHLOROPROPANE	N		UG/L	0.02	0.2		Table 1	M	M	M	1.0	0.39	1.3	998310390
211117	1,2-DIBROMOETHANE (EDB)	N		UG/L	0.005	0.05		Table 1	M	M	M	1.0	0.73	2.4	998310390
211117	1,2-DICHLOROETHANE	N		UG/L	0.5	5		Table 1	M	M	M	1.0	0.21	0.70	998310390
211117	1,2-DICHLOROPROPANE	N		UG/L	0.5	5		Table 1	M	M	M	1.0	0.72	2.4	998310390
211117	2-HEXANONE	N		UG/L					M	M	M	5.0	1.2	4.1	998310390
211117	4-METHYL-2-PENTANONE (MIBK)	N		UG/L	50	500		Table 1	M	M	M	5.0	2.1	7.0	998310390
211117	ACETONE	N		UG/L	1800	9000		Table 1	M	M	M	10	3.0	10	998310390
211117	ALKALINITY-TOTAL AS CaCO3 (FILT)		401	MG/L					M	M	M	50.0	20.0	66.7	998310390
211117	BENZENE	N		UG/L	0.5	5		Table 1	M	M	M	1.0	0.41	1.4	998310390
211117	BROMODICHLOROMETHANE	N		UG/L	0.06	0.6		Table 1	M	M	M	1.0	0.39	1.3	998310390
211117	BROMOMETHANE	N		UG/L	1	10		Table 1	M	M	M	1.0	0.69	2.3	998310390
211117	CARBON DISULFIDE	N		UG/L	200	1000		Table 1	M	M	F	1.0	0.19	0.63	998310390
211117	CARBON TETRACHLORIDE	N		UG/L	0.5	5		Table 1	M	M	M	1.0	0.27	0.90	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													
211117	CHLOROBENZENE	N		UG/L	20	100		Table 1	M	M	M	1.0	0.75	2.5	998310390
211117	CHLOROETHANE	N		UG/L	80	400		Table 1	M	M	M	1.0	0.32	1.1	998310390
211117	CHLOROFORM	N		UG/L	0.6	6		Table 1	M	M	M	1.0	0.34	1.1	998310390
211117	CHLOROMETHANE	N		UG/L	3	30		Table 1	M	M	F	1.0	0.35	1.2	998310390
211117	CIS-1,2-DICHLOROETHENE	N		UG/L	7	70		Table 1	M	M	M	1.0	0.81	2.7	998310390
211117	CIS-1,3-DICHLOROPROPENE	N		UG/L	0.04	0.4		Table 1	M	M	M	1.0	0.36	1.2	998310390
211117	DIBROMOCHLOROMETHANE	N		UG/L	6	60		Table 1	M	M	M	1.0	0.32	1.1	998310390
211117	DIBROMOMETHANE	N		UG/L					M	M	M	1.0	0.41	1.4	998310390
211117	DICHLORODIFLUOROMETHANE	N		UG/L	200	1000		Table 1	M	M	M	1.0	0.68	2.3	998310390
211117	DICHLOROMETHANE	N		UG/L	0.5	5		Table 1	M	M	M	1.0	0.44	1.5	998310390
211117	DISSOLVED OXYGEN, FIELD BY PROBE		8.5	MG/L											
211117	ETHYLBENZENE	N		UG/L	140	700		Table 1	M	M	M	1.0	0.74	2.5	998310390
211117	FLUOROTRICHLOROMETHANE	N		UG/L	698	3490		Table 1	M	M	M	1.0	0.88	2.9	998310390
211117	GROUNDWATER ELEVATION		852.40	FT MSL											
211117	IRON-DISSOLVED AS FE	N		MG/L	0.15	0.3		Table 2	M	M	M	0.030	0.019	0.064	998310390
211117	MANGANESE-DISSOLVED AS MN		139	UG/L	60	300	P	Table 1	M	M	M	2.0	0.40	1.3	998310390
211117	MANGANESE-DISSOLVED AS MN		139	UG/L	25	50	E	Table 2	M	M	M	2.0	0.40	1.3	998310390
211117	M-DICHLOROBENZENE	N		UG/L	120	600		Table 1	M	M	M	1.0	0.78	2.6	998310390
211117	METHYL ETHYL KETONE (MEK)	N		UG/L	800	4000		Table 1	M	M	M	10	1.3	4.4	998310390
211117	METHYL TERT-BUTYL ETHER (MTBE)	N		UG/L	12	60		Table 1	M	M	M	1.0	0.16	0.53	998310390
211117	NAPHTHALENE	N		UG/L	10	100		Table 1	M	M	M	1.0	0.43	1.4	998310390
211117	NITRITE PLUS NITRATE-DISSOLVED AS N		0.46	MG/L AS N	2	10		Table 1	M	M	M	0.050	0.020	0.067	998310390
211117	O-DICHLOROBENZENE	N		UG/L	60	600		Table 1	M	M	M	1.0	0.79	2.6	998310390
211117	OXIDATION REDUCTION POTENTIAL		225	MILLIVOLTS											
211117	P-DICHLOROBENZENE	N		UG/L	15	75		Table 1	M	M	M	1.0	0.84	2.8	998310390
211117	PH-FIELD		7.44	SU											
211117	SAMPLE COLOR	N		NONE											
211117	SAMPLE ODOR	N		NONE											
211117	SAMPLE TEMPERATURE		13.2	DEGREES C											
211117	SAMPLE TURBIDITY	N		NONE											
211117	SPECIFIC CONDUCTANCE-FIELD		912	UMHOS/CM											
211117	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
<b>Sample Point: OB8M</b>		<b>WDNR Point ID: 035</b>													
211117	SULFATE-DISSOLVED AS SO4		39.7	MG/L	125	250		Table 2	M	M	M	10.0	1.7	5.8	998310390
211117	TETRACHLOROETHYLENE	N		UG/L	0.5	5		Table 1	M	M	M	1.0	0.36	1.2	998310390
211117	TETRAHYDROFURAN	N		UG/L	10	50		Table 1	M	M	M	5.0	1.3	4.2	998310390
211117	TOLUENE	N		UG/L	160	800		Table 1	M	M	M	1.0	0.51	1.7	998310390
211117	TRANS-1,2-DICHLOROETHENE (TOTAL)	N		UG/L	20	100		Table 1	M	M	M	1.0	0.90	3.0	998310390
211117	TRANS-1,3-DICHLOROPROPENE	N		UG/L	0.04	0.4		Table 1	M	M	M	1.0	0.37	1.2	998310390
211117	TRIBROMOMETHANE	N		UG/L	0.44	4.4		Table 1	M	M	M	1.0	0.26	0.87	998310390
211117	TRICHLOROETHYLENE	N		UG/L	0.5	5		Table 1	M	M	M	1.0	0.46	1.5	998310390
211117	VINYL CHLORIDE		0.15	UG/L	0.02	0.2	P	Table 1	M	M	M	0.020	0.004	0.013	998310390
211117	VINYL CHLORIDE	N		UG/L	0.02	0.2		Table 1	M	M	M	1.0	0.90	3.0	998310390
211117	XYLENES-TOTAL	N		UG/L	400	2000		Table 1	M	M	M	2.0	0.66	2.2	998310390
<b>Sample Point: P17B</b>		<b>WDNR Point ID: 045</b>													
211117	1,1,1-TRICHLOROETHANE	N		UG/L	40	200		Table 1	M	M	F	1.0	0.82	2.7	998310390
211117	1,1,2,2-TETRACHLOROETHANE	N		UG/L	0.02	0.2		Table 1	M	M	M	1.0	0.21	0.70	998310390
211117	1,1,2-TRICHLOROETHANE	N		UG/L	0.5	5		Table 1	M	M	M	1.0	0.23	0.77	998310390
211117	1,1-DICHLOROETHANE	N		UG/L	85	850		Table 1	M	M	M	1.0	0.38	1.3	998310390
211117	1,1-DICHLOROETHYLENE	N		UG/L	0.7	7		Table 1	M	M	M	1.0	0.29	0.97	998310390
211117	1,2,4-TRICHLOROBENZENE	N		UG/L	14	70		Table 1	M	M	F	1.0	0.41	1.4	998310390
211117	1,2-DIBROMO-3-CHLOROPROPANE	N		UG/L	0.02	0.2		Table 1	M	M	M	1.0	0.39	1.3	998310390
211117	1,2-DIBROMOETHANE (EDB)	N		UG/L	0.005	0.05		Table 1	M	M	M	1.0	0.73	2.4	998310390
211117	1,2-DICHLOROETHANE	N		UG/L	0.5	5		Table 1	M	M	M	1.0	0.21	0.70	998310390
211117	1,2-DICHLOROPROPANE	N		UG/L	0.5	5		Table 1	M	M	M	1.0	0.72	2.4	998310390
211117	2-HEXANONE	N		UG/L					M	M	M	5.0	1.2	4.1	998310390
211117	4-METHYL-2-PENTANONE (MIBK)	N		UG/L	50	500		Table 1	M	M	M	5.0	2.1	7.0	998310390
211117	ACETONE	N		UG/L	1800	9000		Table 1	M	M	M	10	3.0	10	998310390
211117	ALKALINITY-TOTAL AS CaCO3 (FILT)		411	MG/L					M	M	M	50.0	20.0	66.7	998310390
211117	BENZENE	N		UG/L	0.5	5		Table 1	M	M	M	1.0	0.41	1.4	998310390
211117	BROMODICHLOROMETHANE	N		UG/L	0.06	0.6		Table 1	M	M	M	1.0	0.39	1.3	998310390
211117	BROMOMETHANE	N		UG/L	1	10		Table 1	M	M	M	1.0	0.69	2.3	998310390
211117	CARBON DISULFIDE	N		UG/L	200	1000		Table 1	M	M	M	1.0	0.19	0.63	998310390
211117	CARBON TETRACHLORIDE	N		UG/L	0.5	5		Table 1	M	M	M	1.0	0.27	0.90	998310390
211117	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: P17B		WDNR Point ID:	045												
211117	CHLOROETHANE	N		UG/L	80	400		Table 1	M	M	M	1.0	0.32	1.1	998310390
211117	CHLOROFORM	N		UG/L	0.6	6		Table 1	M	M	M	1.0	0.34	1.1	998310390
211117	CHLOROMETHANE	N		UG/L	3	30		Table 1	M	M	F	1.0	0.35	1.2	998310390
211117	CIS-1,2-DICHLOROETHENE	N		UG/L	7	70		Table 1	M	M	M	1.0	0.81	2.7	998310390
211117	CIS-1,3-DICHLOROPROPENE	N		UG/L	0.04	0.4		Table 1	M	M	M	1.0	0.36	1.2	998310390
211117	DIBROMOCHLOROMETHANE	N		UG/L	6	60		Table 1	M	M	M	1.0	0.32	1.1	998310390
211117	DIBROMOMETHANE	N		UG/L					M	M	M	1.0	0.41	1.4	998310390
211117	DICHLORODIFLUOROMETHANE	N		UG/L	200	1000		Table 1	M	M	M	1.0	0.68	2.3	998310390
211117	DICHLOROMETHANE	N		UG/L	0.5	5		Table 1	M	M	M	1.0	0.44	1.5	998310390
211117	DISSOLVED OXYGEN, FIELD BY PROBE		1.3	MG/L											
211117	ETHYLBENZENE	N		UG/L	140	700		Table 1	M	M	M	1.0	0.74	2.5	998310390
211117	FLUOROTRICHLOROMETHANE	N		UG/L	698	3490		Table 1	M	M	M	1.0	0.88	2.9	998310390
211117	GROUNDWATER ELEVATION		857.50	FT MSL											
211117	IRON-DISSOLVED AS FE		1.0	MG/L	0.15	0.3	P*	Table 2	M	M	M	0.030	0.019	0.064	998310390
211117	MANGANESE-DISSOLVED AS MN		206	UG/L	60	300	P	Table 1	M	M	M	2.0	0.40	1.3	998310390
211117	MANGANESE-DISSOLVED AS MN		206	UG/L	25	50	P*	Table 2	M	M	M	2.0	0.40	1.3	998310390
211117	M-DICHLOROBENZENE	N		UG/L	120	600		Table 1	M	M	M	1.0	0.78	2.6	998310390
211117	METHYL ETHYL KETONE (MEK)	N		UG/L	800	4000		Table 1	M	M	M	10	1.3	4.4	998310390
211117	METHYL TERT-BUTYL ETHER (MTBE)	N		UG/L	12	60		Table 1	M	M	F	1.0	0.16	0.53	998310390
211117	NAPHTHALENE	N		UG/L	10	100		Table 1	M	M	F	1.0	0.43	1.4	998310390
211117	NITRITE PLUS NITRATE-DISSOLVED AS N		0.46	MG/L AS N	2	10		Table 1	M	M	M	0.050	0.020	0.067	998310390
211117	O-DICHLOROBENZENE	N		UG/L	60	600		Table 1	M	M	M	1.0	0.79	2.6	998310390
211117	OXIDATION REDUCTION POTENTIAL		83	MILLIVOLTS											
211117	P-DICHLOROBENZENE	N		UG/L	15	75		Table 1	M	M	M	1.0	0.84	2.8	998310390
211117	PH-FIELD		7.21	SU											
211117	SAMPLE COLOR	N		NONE											
211117	SAMPLE ODOR	N		NONE											
211117	SAMPLE TEMPERATURE		11.6	DEGREES C											
211117	SAMPLE TURBIDITY	N		NONE											
211117	SPECIFIC CONDUCTANCE-FIELD		779	UMHOS/CM											
211117	STYRENE	N		UG/L	10	100		Table 1	M	M	M	1.0	0.73	2.4	998310390
211117	SULFATE-DISSOLVED AS SO4		20.6	MG/L	125	250		Table 2	M	M	M	2.0	0.35	1.2	998310390

Hagen Farm Landfill  
WMI Site Number: 393

License Number: 02981  
Facility ID Number:

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
<b>Sample Point: P17B</b>		<b>WDNR Point ID: 045</b>													
211117	TETRACHLOROETHYLENE	N		UG/L	0.5	5		Table 1	M	M	M	1.0	0.36	1.2	998310390
211117	TETRAHYDROFURAN	N		UG/L	10	50		Table 1	M	M	M	5.0	1.3	4.2	998310390
211117	TOLUENE	N		UG/L	160	800		Table 1	M	M	M	1.0	0.51	1.7	998310390
211117	TRANS-1,2-DICHLOROETHENE (TOTAL)	N		UG/L	20	100		Table 1	M	M	M	1.0	0.90	3.0	998310390
211117	TRANS-1,3-DICHLOROPROPENE	N		UG/L	0.04	0.4		Table 1	M	M	M	1.0	0.37	1.2	998310390
211117	TRIBROMOMETHANE	N		UG/L	0.44	4.4		Table 1	M	M	M	1.0	0.26	0.87	998310390
211117	TRICHLOROETHYLENE	N		UG/L	0.5	5		Table 1	M	M	M	1.0	0.46	1.5	998310390
211117	VINYL CHLORIDE	N		UG/L	0.02	0.2		Table 1	M	M	M	1.0	0.90	3.0	998310390
211117	VINYL CHLORIDE	J	0.0066	UG/L	0.02	0.2		Table 1	M	M	M	0.020	0.004	0.013	998310390
211117	XYLENES-TOTAL	N		UG/L	400	2000		Table 1	M	M	M	2.0	0.66	2.2	998310390
<b>Sample Point: P17C</b>		<b>WDNR Point ID: 050</b>													
211117	1,1,1-TRICHLOROETHANE	N		UG/L	40	200		Table 1	M	M	F	1.0	0.82	2.7	998310390
211117	1,1,2,2-TETRACHLOROETHANE	N		UG/L	0.02	0.2		Table 1	M	M	M	1.0	0.21	0.70	998310390
211117	1,1,2-TRICHLOROETHANE	N		UG/L	0.5	5		Table 1	M	M	M	1.0	0.23	0.77	998310390
211117	1,1-DICHLOROETHANE	N		UG/L	85	850		Table 1	M	M	M	1.0	0.38	1.3	998310390
211117	1,1-DICHLOROETHYLENE	N		UG/L	0.7	7		Table 1	M	M	M	1.0	0.29	0.97	998310390
211117	1,2,4-TRICHLOROBENZENE	N		UG/L	14	70		Table 1	M	M	F	1.0	0.41	1.4	998310390
211117	1,2-DIBROMO-3-CHLOROPROPANE	N		UG/L	0.02	0.2		Table 1	M	M	M	1.0	0.39	1.3	998310390
211117	1,2-DIBROMOETHANE (EDB)	N		UG/L	0.005	0.05		Table 1	M	M	M	1.0	0.73	2.4	998310390
211117	1,2-DICHLOROETHANE	N		UG/L	0.5	5		Table 1	M	M	M	1.0	0.21	0.70	998310390
211117	1,2-DICHLOROPROPANE	N		UG/L	0.5	5		Table 1	M	M	M	1.0	0.72	2.4	998310390
211117	2-HEXANONE	N		UG/L					M	M	M	5.0	1.2	4.1	998310390
211117	4-METHYL-2-PENTANONE (MIBK)	N		UG/L	50	500		Table 1	M	M	M	5.0	2.1	7.0	998310390
211117	ACETONE	N		UG/L	1800	9000		Table 1	M	M	M	10	3.0	10	998310390
211117	ALKALINITY-TOTAL AS CaCO3 (FILT)		382	MG/L					M	M	M	50.0	20.0	66.7	998310390
211117	BENZENE	N		UG/L	0.5	5		Table 1	M	M	M	1.0	0.41	1.4	998310390
211117	BROMODICHLOROMETHANE	N		UG/L	0.06	0.6		Table 1	M	M	M	1.0	0.39	1.3	998310390
211117	BROMOMETHANE	N		UG/L	1	10		Table 1	M	M	M	1.0	0.69	2.3	998310390
211117	CARBON DISULFIDE	N		UG/L	200	1000		Table 1	M	M	M	1.0	0.19	0.63	998310390
211117	CARBON TETRACHLORIDE	N		UG/L	0.5	5		Table 1	M	M	M	1.0	0.27	0.90	998310390
211117	CHLOROBENZENE	N		UG/L	20	100		Table 1	M	M	M	1.0	0.75	2.5	998310390
211117	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:

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													
211117	CHLOROFORM	N		UG/L	0.6	6		Table 1	M	M	M	1.0	0.34	1.1	998310390
211117	CHLOROMETHANE	N		UG/L	3	30		Table 1	M	M	F	1.0	0.35	1.2	998310390
211117	CIS-1,2-DICHLOROETHENE	N		UG/L	7	70		Table 1	M	M	M	1.0	0.81	2.7	998310390
211117	CIS-1,3-DICHLOROPROPENE	N		UG/L	0.04	0.4		Table 1	M	M	M	1.0	0.36	1.2	998310390
211117	DIBROMOCHLOROMETHANE	N		UG/L	6	60		Table 1	M	M	M	1.0	0.32	1.1	998310390
211117	DIBROMOMETHANE	N		UG/L					M	M	M	1.0	0.41	1.4	998310390
211117	DICHLORODIFLUOROMETHANE	N		UG/L	200	1000		Table 1	M	M	M	1.0	0.68	2.3	998310390
211117	DICHLOROMETHANE	N		UG/L	0.5	5		Table 1	M	M	M	1.0	0.44	1.5	998310390
211117	DISSOLVED OXYGEN, FIELD BY PROBE		3.5	MG/L											
211117	ETHYLBENZENE	N		UG/L	140	700		Table 1	M	M	M	1.0	0.74	2.5	998310390
211117	FLUOROTRICHLOROMETHANE	N		UG/L	698	3490		Table 1	M	M	M	1.0	0.88	2.9	998310390
211117	GROUNDWATER ELEVATION		857.48	FT MSL											
211117	IRON-DISSOLVED AS FE	N		MG/L	0.15	0.3		Table 2	M	M	M	0.030	0.019	0.064	998310390
211117	MANGANESE-DISSOLVED AS MN		21.3	UG/L	60	300		Table 1	M	M	M	2.0	0.40	1.3	998310390
211117	MANGANESE-DISSOLVED AS MN		21.3	UG/L	25	50		Table 2	M	M	M	2.0	0.40	1.3	998310390
211117	M-DICHLOROBENZENE	N		UG/L	120	600		Table 1	M	M	M	1.0	0.78	2.6	998310390
211117	METHYL ETHYL KETONE (MEK)	N		UG/L	800	4000		Table 1	M	M	M	10	1.3	4.4	998310390
211117	METHYL TERT-BUTYL ETHER (MTBE)	N		UG/L	12	60		Table 1	M	M	F	1.0	0.16	0.53	998310390
211117	NAPHTHALENE	N		UG/L	10	100		Table 1	M	M	F	1.0	0.43	1.4	998310390
211117	NITRITE PLUS NITRATE-DISSOLVED AS N		1.7	MG/L AS N	2	10		Table 1	M	M	M	0.050	0.020	0.067	998310390
211117	O-DICHLOROBENZENE	N		UG/L	60	600		Table 1	M	M	M	1.0	0.79	2.6	998310390
211117	OXIDATION REDUCTION POTENTIAL		327.0	MILLIVOLTS											
211117	P-DICHLOROBENZENE	N		UG/L	15	75		Table 1	M	M	M	1.0	0.84	2.8	998310390
211117	PH-FIELD		7.19	SU											
211117	SAMPLE COLOR	N		NONE											
211117	SAMPLE ODOR	N		NONE											
211117	SAMPLE TEMPERATURE		12.0	DEGREES C											
211117	SAMPLE TURBIDITY	N		NONE											
211117	SPECIFIC CONDUCTANCE-FIELD		738	UMHOS/CM											
211117	STYRENE	N		UG/L	10	100		Table 1	M	M	M	1.0	0.73	2.4	998310390
211117	SULFATE-DISSOLVED AS SO4		17.4	MG/L	125	250		Table 2	M	M	M	10.0	1.7	5.8	998310390
211117	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
<b>Sample Point: P17C</b>		<b>WDNR Point ID: 050</b>													
211117	TETRAHYDROFURAN	N		UG/L	10	50		Table 1	M	M	M	5.0	1.3	4.2	998310390
211117	TOLUENE	N		UG/L	160	800		Table 1	M	M	M	1.0	0.51	1.7	998310390
211117	TRANS-1,2-DICHLOROETHENE (TOTAL)	N		UG/L	20	100		Table 1	M	M	M	1.0	0.90	3.0	998310390
211117	TRANS-1,3-DICHLOROPROPENE	N		UG/L	0.04	0.4		Table 1	M	M	M	1.0	0.37	1.2	998310390
211117	TRIBROMOMETHANE	N		UG/L	0.44	4.4		Table 1	M	M	M	1.0	0.26	0.87	998310390
211117	TRICHLOROETHYLENE	N		UG/L	0.5	5		Table 1	M	M	M	1.0	0.46	1.5	998310390
211117	VINYL CHLORIDE	N		UG/L	0.02	0.2		Table 1	M	M	M	1.0	0.90	3.0	998310390
211117	VINYL CHLORIDE		0.087	UG/L	0.02	0.2	P	Table 1	M	M	M	0.020	0.004	0.013	998310390
211117	XYLENES-TOTAL	N		UG/L	400	2000		Table 1	M	M	M	2.0	0.66	2.2	998310390
<b>Sample Point: MW22</b>		<b>WDNR Point ID: 060</b>													
211117	1,1,1-TRICHLOROETHANE	N		UG/L	40	200		Table 1	M	M	M	1.0	0.82	2.7	998310390
211117	1,1,2,2-TETRACHLOROETHANE	N		UG/L	0.02	0.2		Table 1	M	M	M	1.0	0.21	0.70	998310390
211117	1,1,2-TRICHLOROETHANE	N		UG/L	0.5	5		Table 1	M	M	M	1.0	0.23	0.77	998310390
211117	1,1-DICHLOROETHANE	N		UG/L	85	850		Table 1	M	M	M	1.0	0.38	1.3	998310390
211117	1,1-DICHLOROETHYLENE	N		UG/L	0.7	7		Table 1	M	M	M	1.0	0.29	0.97	998310390
211117	1,2,4-TRICHLOROBENZENE	N		UG/L	14	70		Table 1	M	M	M	1.0	0.41	1.4	998310390
211117	1,2-DIBROMO-3-CHLOROPROPANE	N		UG/L	0.02	0.2		Table 1	M	M	M	1.0	0.39	1.3	998310390
211117	1,2-DIBROMOETHANE (EDB)	N		UG/L	0.005	0.05		Table 1	M	M	M	1.0	0.73	2.4	998310390
211117	1,2-DICHLOROETHANE	N		UG/L	0.5	5		Table 1	M	M	M	1.0	0.21	0.70	998310390
211117	1,2-DICHLOROPROPANE	N		UG/L	0.5	5		Table 1	M	M	M	1.0	0.72	2.4	998310390
211117	2-HEXANONE	N		UG/L					M	M	M	5.0	1.2	4.1	998310390
211117	4-METHYL-2-PENTANONE (MIBK)	N		UG/L	50	500		Table 1	M	M	M	5.0	2.1	7.0	998310390
211117	ACETONE	J	3.8	UG/L	1800	9000		Table 1	M	M	M	10	3.0	10	998310390
211117	ALKALINITY-TOTAL AS CaCO3 (FILT)		541	MG/L					M	M	M	100	40.0	133	998310390
211117	BENZENE	N		UG/L	0.5	5		Table 1	M	M	M	1.0	0.41	1.4	998310390
211117	BROMODICHLOROMETHANE	N		UG/L	0.06	0.6		Table 1	M	M	M	1.0	0.39	1.3	998310390
211117	BROMOMETHANE	N		UG/L	1	10		Table 1	M	M	M	1.0	0.69	2.3	998310390
211117	CARBON DISULFIDE	N		UG/L	200	1000		Table 1	M	M	F	1.0	0.19	0.63	998310390
211117	CARBON TETRACHLORIDE	N		UG/L	0.5	5		Table 1	M	M	M	1.0	0.27	0.90	998310390
211117	CHLOROBENZENE	N		UG/L	20	100		Table 1	M	M	M	1.0	0.75	2.5	998310390
211117	CHLOROETHANE	N		UG/L	80	400		Table 1	M	M	M	1.0	0.32	1.1	998310390
211117	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: MW22		WDNR Point ID: 060													
211117	CHLOROMETHANE	N		UG/L	3	30		Table 1	M	M	F	1.0	0.35	1.2	998310390
211117	CIS-1,2-DICHLOROETHENE	J	1.9	UG/L	7	70		Table 1	M	M	M	1.0	0.81	2.7	998310390
211117	CIS-1,3-DICHLOROPROPENE	N		UG/L	0.04	0.4		Table 1	M	M	M	1.0	0.36	1.2	998310390
211117	DIBROMOCHLOROMETHANE	N		UG/L	6	60		Table 1	M	M	M	1.0	0.32	1.1	998310390
211117	DIBROMOMETHANE	N		UG/L					M	M	M	1.0	0.41	1.4	998310390
211117	DICHLORODIFLUOROMETHANE	N		UG/L	200	1000		Table 1	M	M	M	1.0	0.68	2.3	998310390
211117	DICHLOROMETHANE	N		UG/L	0.5	5		Table 1	M	M	M	1.0	0.44	1.5	998310390
211117	DISSOLVED OXYGEN, FIELD BY PROBE		1.8	MG/L											
211117	ETHYLBENZENE	N		UG/L	140	700		Table 1	M	M	M	1.0	0.74	2.5	998310390
211117	FLUOROTRICHLOROMETHANE	N		UG/L	698	3490		Table 1	M	M	M	1.0	0.88	2.9	998310390
211117	GROUNDWATER ELEVATION		858.23	FT MSL											
211117	IRON-DISSOLVED AS FE		4.8	MG/L	0.15	0.3	P*	Table 2	M	M	M	0.030	0.019	0.064	998310390
211117	MANGANESE-DISSOLVED AS MN		434	UG/L	60	300	P*	Table 1	M	M	M	2.0	0.40	1.3	998310390
211117	MANGANESE-DISSOLVED AS MN		434	UG/L	25	50	P*	Table 2	M	M	M	2.0	0.40	1.3	998310390
211117	M-DICHLOROBENZENE	N		UG/L	120	600		Table 1	M	M	M	1.0	0.78	2.6	998310390
211117	METHYL ETHYL KETONE (MEK)	N		UG/L	800	4000		Table 1	M	M	M	10	1.3	4.4	998310390
211117	METHYL TERT-BUTYL ETHER (MTBE)	N		UG/L	12	60		Table 1	M	M	M	1.0	0.16	0.53	998310390
211117	NAPHTHALENE	N		UG/L	10	100		Table 1	M	M	M	1.0	0.43	1.4	998310390
211117	NITRITE PLUS NITRATE-DISSOLVED AS N	J	0.034	MG/L AS N	2	10		Table 1	M	M	M	0.050	0.020	0.067	998310390
211117	O-DICHLOROBENZENE	N		UG/L	60	600		Table 1	M	M	M	1.0	0.79	2.6	998310390
211117	OXIDATION REDUCTION POTENTIAL		40	MILLIVOLTS											
211117	P-DICHLOROBENZENE	N		UG/L	15	75		Table 1	M	M	M	1.0	0.84	2.8	998310390
211117	PH-FIELD		7.03	SU											
211117	SAMPLE COLOR	N		NONE											
211117	SAMPLE ODOR	N		NONE											
211117	SAMPLE TEMPERATURE		14.2	DEGREES C											
211117	SAMPLE TURBIDITY	N		NONE											
211117	SPECIFIC CONDUCTANCE-FIELD		949	UMHOS/CM											
211117	STYRENE	N		UG/L	10	100		Table 1	M	M	M	1.0	0.73	2.4	998310390
211117	SULFATE-DISSOLVED AS SO4		4.9	MG/L	125	250		Table 2	M	M	M	2.0	0.35	1.2	998310390
211117	TETRACHLOROETHYLENE	N		UG/L	0.5	5		Table 1	M	M	M	1.0	0.36	1.2	998310390
211117	TETRAHYDROFURAN	N		UG/L	10	50		Table 1	M	M	M	5.0	1.3	4.2	998310390

Hagen Farm Landfill  
WMI Site Number: 393

License Number: 02981  
Facility ID Number:

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
<b>Sample Point: MW22</b>		<b>WDNR Point ID: 060</b>													
211117	TOLUENE	N		UG/L	160	800		Table 1	M	M	M	1.0	0.51	1.7	998310390
211117	TRANS-1,2-DICHLOROETHENE (TOTAL)	N		UG/L	20	100		Table 1	M	M	M	1.0	0.90	3.0	998310390
211117	TRANS-1,3-DICHLOROPROPENE	N		UG/L	0.04	0.4		Table 1	M	M	M	1.0	0.37	1.2	998310390
211117	TRIBROMOMETHANE	N		UG/L	0.44	4.4		Table 1	M	M	M	1.0	0.26	0.87	998310390
211117	TRICHLOROETHYLENE	N		UG/L	0.5	5		Table 1	M	M	M	1.0	0.46	1.5	998310390
211117	VINYL CHLORIDE		0.52	UG/L	0.02	0.2	P*	Table 1	M	M	M	0.020	0.004	0.013	998310390
211117	VINYL CHLORIDE	N		UG/L	0.02	0.2		Table 1	M	M	M	1.0	0.90	3.0	998310390
211117	XYLENES-TOTAL	N		UG/L	400	2000		Table 1	M	M	M	2.0	0.66	2.2	998310390
<b>Sample Point: P22B</b>		<b>WDNR Point ID: 065</b>													
211117	1,1,1-TRICHLOROETHANE	N		UG/L	40	200		Table 1	M	M	F	1.0	0.82	2.7	998310390
211117	1,1,2,2-TETRACHLOROETHANE	N		UG/L	0.02	0.2		Table 1	M	M	M	1.0	0.21	0.70	998310390
211117	1,1,2-TRICHLOROETHANE	N		UG/L	0.5	5		Table 1	M	M	M	1.0	0.23	0.77	998310390
211117	1,1-DICHLOROETHANE	N		UG/L	85	850		Table 1	M	M	M	1.0	0.38	1.3	998310390
211117	1,1-DICHLOROETHYLENE	N		UG/L	0.7	7		Table 1	M	M	M	1.0	0.29	0.97	998310390
211117	1,2,4-TRICHLOROBENZENE	N		UG/L	14	70		Table 1	M	M	F	1.0	0.41	1.4	998310390
211117	1,2-DIBROMO-3-CHLOROPROPANE	N		UG/L	0.02	0.2		Table 1	M	M	M	1.0	0.39	1.3	998310390
211117	1,2-DIBROMOETHANE (EDB)	N		UG/L	0.005	0.05		Table 1	M	M	M	1.0	0.73	2.4	998310390
211117	1,2-DICHLOROETHANE	N		UG/L	0.5	5		Table 1	M	M	M	1.0	0.21	0.70	998310390
211117	1,2-DICHLOROPROPANE	N		UG/L	0.5	5		Table 1	M	M	M	1.0	0.72	2.4	998310390
211117	2-HEXANONE	N		UG/L					M	M	M	5.0	1.2	4.1	998310390
211117	4-METHYL-2-PENTANONE (MIBK)	N		UG/L	50	500		Table 1	M	M	M	5.0	2.1	7.0	998310390
211117	ACETONE	N		UG/L	1800	9000		Table 1	M	M	M	10	3.0	10	998310390
211117	ALKALINITY-TOTAL AS CaCO3 (FILT)		385	MG/L					M	M	M	50.0	20.0	66.7	998310390
211117	BENZENE	N		UG/L	0.5	5		Table 1	M	M	M	1.0	0.41	1.4	998310390
211117	BROMODICHLOROMETHANE	N		UG/L	0.06	0.6		Table 1	M	M	M	1.0	0.39	1.3	998310390
211117	BROMOMETHANE	N		UG/L	1	10		Table 1	M	M	M	1.0	0.69	2.3	998310390
211117	CARBON DISULFIDE	N		UG/L	200	1000		Table 1	M	M	M	1.0	0.19	0.63	998310390
211117	CARBON TETRACHLORIDE	N		UG/L	0.5	5		Table 1	M	M	M	1.0	0.27	0.90	998310390
211117	CHLOROBENZENE	N		UG/L	20	100		Table 1	M	M	M	1.0	0.75	2.5	998310390
211117	CHLOROETHANE	N		UG/L	80	400		Table 1	M	M	M	1.0	0.32	1.1	998310390
211117	CHLOROFORM	N		UG/L	0.6	6		Table 1	M	M	M	1.0	0.34	1.1	998310390
211117	CHLOROMETHANE	N		UG/L	3	30		Table 1	M	M	F	1.0	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: P22B		WDNR Point ID: 065													
211117	CIS-1,2-DICHLOROETHENE	N		UG/L	7	70		Table 1	M	M	M	1.0	0.81	2.7	998310390
211117	CIS-1,3-DICHLOROPROPENE	N		UG/L	0.04	0.4		Table 1	M	M	M	1.0	0.36	1.2	998310390
211117	DIBROMOCHLOROMETHANE	N		UG/L	6	60		Table 1	M	M	M	1.0	0.32	1.1	998310390
211117	DIBROMOMETHANE	N		UG/L					M	M	M	1.0	0.41	1.4	998310390
211117	DICHLORODIFLUOROMETHANE	N		UG/L	200	1000		Table 1	M	M	M	1.0	0.68	2.3	998310390
211117	DICHLOROMETHANE	N		UG/L	0.5	5		Table 1	M	M	M	1.0	0.44	1.5	998310390
211117	DISSOLVED OXYGEN, FIELD BY PROBE		2.1	MG/L											
211117	ETHYLBENZENE	N		UG/L	140	700		Table 1	M	M	M	1.0	0.74	2.5	998310390
211117	FLUOROTRICHLOROMETHANE	N		UG/L	698	3490		Table 1	M	M	M	1.0	0.88	2.9	998310390
211117	GROUNDWATER ELEVATION		858.65	FT MSL											
211117	IRON-DISSOLVED AS FE		0.43	MG/L	0.15	0.3	P*	Table 2	M	M	M	0.030	0.019	0.064	998310390
211117	MANGANESE-DISSOLVED AS MN		170	UG/L	60	300	P	Table 1	M	M	M	2.0	0.40	1.3	998310390
211117	MANGANESE-DISSOLVED AS MN		170	UG/L	25	50	P*	Table 2	M	M	M	2.0	0.40	1.3	998310390
211117	M-DICHLOROBENZENE	N		UG/L	120	600		Table 1	M	M	M	1.0	0.78	2.6	998310390
211117	METHYL ETHYL KETONE (MEK)	N		UG/L	800	4000		Table 1	M	M	M	10	1.3	4.4	998310390
211117	METHYL TERT-BUTYL ETHER (MTBE)	N		UG/L	12	60		Table 1	M	M	F	1.0	0.16	0.53	998310390
211117	NAPHTHALENE	N		UG/L	10	100		Table 1	M	M	F	1.0	0.43	1.4	998310390
211117	NITRITE PLUS NITRATE-DISSOLVED AS N	J	0.020	MG/L AS N	2	10		Table 1	M	M	M	0.050	0.020	0.067	998310390
211117	O-DICHLOROBENZENE	N		UG/L	60	600		Table 1	M	M	M	1.0	0.79	2.6	998310390
211117	OXIDATION REDUCTION POTENTIAL		40	MILLIVOLTS											
211117	P-DICHLOROBENZENE	N		UG/L	15	75		Table 1	M	M	M	1.0	0.84	2.8	998310390
211117	PH-FIELD		7.24	SU											
211117	SAMPLE COLOR	N		NONE											
211117	SAMPLE ODOR	N		NONE											
211117	SAMPLE TEMPERATURE		13.3	DEGREES C											
211117	SAMPLE TURBIDITY	N		NONE											
211117	SPECIFIC CONDUCTANCE-FIELD		747	UMHOS/CM											
211117	STYRENE	N		UG/L	10	100		Table 1	M	M	M	1.0	0.73	2.4	998310390
211117	SULFATE-DISSOLVED AS SO4		18.3	MG/L	125	250		Table 2	M	M	M	4.0	0.70	2.3	998310390
211117	TETRACHLOROETHYLENE	N		UG/L	0.5	5		Table 1	M	M	M	1.0	0.36	1.2	998310390
211117	TETRAHYDROFURAN	N		UG/L	10	50		Table 1	M	M	M	5.0	1.3	4.2	998310390
211117	TOLUENE	N		UG/L	160	800		Table 1	M	M	M	1.0	0.51	1.7	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
<b>Sample Point: P22B</b>		<b>WDNR Point ID: 065</b>													
211117	TRANS-1,2-DICHLOROETHENE (TOTAL)	N		UG/L	20	100		Table 1	M	M	M	1.0	0.90	3.0	998310390
211117	TRANS-1,3-DICHLOROPROPENE	N		UG/L	0.04	0.4		Table 1	M	M	M	1.0	0.37	1.2	998310390
211117	TRIBROMOMETHANE	N		UG/L	0.44	4.4		Table 1	M	M	M	1.0	0.26	0.87	998310390
211117	TRICHLOROETHYLENE	N		UG/L	0.5	5		Table 1	M	M	M	1.0	0.46	1.5	998310390
211117	VINYL CHLORIDE		0.25	UG/L	0.02	0.2	P*	Table 1	M	M	M	0.020	0.004	0.013	998310390
211117	VINYL CHLORIDE	N		UG/L	0.02	0.2		Table 1	M	M	M	1.0	0.90	3.0	998310390
211117	XYLENES-TOTAL	N		UG/L	400	2000		Table 1	M	M	M	2.0	0.66	2.2	998310390
<b>Sample Point: P26B</b>		<b>WDNR Point ID: 085</b>													
211117	1,1,1-TRICHLOROETHANE	N		UG/L	40	200		Table 1	M	M	M	1.0	0.82	2.7	998310390
211117	1,1,2,2-TETRACHLOROETHANE	N		UG/L	0.02	0.2		Table 1	M	M	M	1.0	0.21	0.70	998310390
211117	1,1,2-TRICHLOROETHANE	N		UG/L	0.5	5		Table 1	M	M	M	1.0	0.23	0.77	998310390
211117	1,1-DICHLOROETHANE	N		UG/L	85	850		Table 1	M	M	M	1.0	0.38	1.3	998310390
211117	1,1-DICHLOROETHYLENE	N		UG/L	0.7	7		Table 1	M	M	M	1.0	0.29	0.97	998310390
211117	1,2,4-TRICHLOROBENZENE	N		UG/L	14	70		Table 1	M	M	M	1.0	0.41	1.4	998310390
211117	1,2-DIBROMO-3-CHLOROPROPANE	N		UG/L	0.02	0.2		Table 1	M	M	M	1.0	0.39	1.3	998310390
211117	1,2-DIBROMOETHANE (EDB)	N		UG/L	0.005	0.05		Table 1	M	M	M	1.0	0.73	2.4	998310390
211117	1,2-DICHLOROETHANE	N		UG/L	0.5	5		Table 1	M	M	M	1.0	0.21	0.70	998310390
211117	1,2-DICHLOROPROPANE	N		UG/L	0.5	5		Table 1	M	M	M	1.0	0.72	2.4	998310390
211117	2-HEXANONE	N		UG/L					M	M	M	5.0	1.2	4.1	998310390
211117	4-METHYL-2-PENTANONE (MIBK)	N		UG/L	50	500		Table 1	M	M	F	5.0	2.1	7.0	998310390
211117	ACETONE	N		UG/L	1800	9000		Table 1	M	M	M	10	3.0	10	998310390
211117	BENZENE	N		UG/L	0.5	5		Table 1	M	M	M	1.0	0.41	1.4	998310390
211117	BROMODICHLOROMETHANE	N		UG/L	0.06	0.6		Table 1	M	M	M	1.0	0.39	1.3	998310390
211117	BROMOMETHANE	N		UG/L	1	10		Table 1	M	M	M	1.0	0.69	2.3	998310390
211117	CARBON DISULFIDE	N		UG/L	200	1000		Table 1	M	M	M	1.0	0.19	0.63	998310390
211117	CARBON TETRACHLORIDE	N		UG/L	0.5	5		Table 1	M	M	M	1.0	0.27	0.90	998310390
211117	CHLOROBENZENE	N		UG/L	20	100		Table 1	M	M	M	1.0	0.75	2.5	998310390
211117	CHLOROETHANE	N		UG/L	80	400		Table 1	M	M	M	1.0	0.32	1.1	998310390
211117	CHLOROFORM	N		UG/L	0.6	6		Table 1	M	M	M	1.0	0.34	1.1	998310390
211117	CHLOROMETHANE	N		UG/L	3	30		Table 1	M	M	M	1.0	0.35	1.2	998310390
211117	CIS-1,2-DICHLOROETHENE	N		UG/L	7	70		Table 1	M	M	M	1.0	0.81	2.7	998310390
211117	CIS-1,3-DICHLOROPROPENE	N		UG/L	0.04	0.4		Table 1	M	M	M	1.0	0.36	1.2	998310390



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Facility ID Number:

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
<b>Sample Point: P26B</b>		<b>WDNR Point ID: 085</b>													
211117	DIBROMOCHLOROMETHANE	N		UG/L	6	60		Table 1	M	M	M	1.0	0.32	1.1	998310390
211117	DIBROMOMETHANE	N		UG/L					M	M	M	1.0	0.41	1.4	998310390
211117	DICHLORODIFLUOROMETHANE	N		UG/L	200	1000		Table 1	M	M	M	1.0	0.68	2.3	998310390
211117	DICHLOROMETHANE	N		UG/L	0.5	5		Table 1	M	M	M	1.0	0.44	1.5	998310390
211117	ETHYLBENZENE	N		UG/L	140	700		Table 1	M	M	M	1.0	0.74	2.5	998310390
211117	FLUOROTRICHLOROMETHANE	N		UG/L	698	3490		Table 1	M	M	M	1.0	0.88	2.9	998310390
211117	M-DICHLOROBENZENE	N		UG/L	120	600		Table 1	M	M	M	1.0	0.78	2.6	998310390
211117	METHYL ETHYL KETONE (MEK)	N		UG/L	800	4000		Table 1	M	M	M	10	1.3	4.4	998310390
211117	METHYL TERT-BUTYL ETHER (MTBE)	N		UG/L	12	60		Table 1	M	M	M	1.0	0.16	0.53	998310390
211117	NAPHTHALENE	N		UG/L	10	100		Table 1	M	M	M	1.0	0.43	1.4	998310390
211117	O-DICHLOROBENZENE	N		UG/L	60	600		Table 1	M	M	M	1.0	0.79	2.6	998310390
211117	P-DICHLOROBENZENE	N		UG/L	15	75		Table 1	M	M	M	1.0	0.84	2.8	998310390
211117	STYRENE	N		UG/L	10	100		Table 1	M	M	M	1.0	0.73	2.4	998310390
211117	TETRACHLOROETHYLENE	N		UG/L	0.5	5		Table 1	M	M	M	1.0	0.36	1.2	998310390
211117	TETRAHYDROFURAN	N		UG/L	10	50		Table 1	M	M	F	5.0	1.3	4.2	998310390
211117	TOLUENE	N		UG/L	160	800		Table 1	M	M	M	1.0	0.51	1.7	998310390
211117	TRANS-1,2-DICHLOROETHENE (TOTAL)	N		UG/L	20	100		Table 1	M	M	M	1.0	0.90	3.0	998310390
211117	TRANS-1,3-DICHLOROPROPENE	N		UG/L	0.04	0.4		Table 1	M	M	M	1.0	0.37	1.2	998310390
211117	TRIBROMOMETHANE	N		UG/L	0.44	4.4		Table 1	M	M	M	1.0	0.26	0.87	998310390
211117	TRICHLOROETHYLENE	N		UG/L	0.5	5		Table 1	M	M	M	1.0	0.46	1.5	998310390
211209	VINYL CHLORIDE		0.20	UG/L	0.02	0.2	P*	Table 1	M	M	M	0.020	0.004	0.013	998310390
211117	VINYL CHLORIDE	N		UG/L	0.02	0.2		Table 1	M	M	M	1.0	0.90	3.0	998310390
211117	XYLENES-TOTAL	N		UG/L	400	2000		Table 1	M	M	M	2.0	0.66	2.2	998310390
<b>Sample Point: P32B</b>		<b>WDNR Point ID: 150</b>													
211117	1,1,1-TRICHLOROETHANE	N		UG/L	40	200		Table 1	M	M	F	1.0	0.82	2.7	998310390
211117	1,1,2,2-TETRACHLOROETHANE	N		UG/L	0.02	0.2		Table 1	M	M	M	1.0	0.21	0.70	998310390
211117	1,1,2-TRICHLOROETHANE	N		UG/L	0.5	5		Table 1	M	M	M	1.0	0.23	0.77	998310390
211117	1,1-DICHLOROETHANE	N		UG/L	85	850		Table 1	M	M	M	1.0	0.38	1.3	998310390
211117	1,1-DICHLOROETHYLENE	N		UG/L	0.7	7		Table 1	M	M	M	1.0	0.29	0.97	998310390
211117	1,2,4-TRICHLOROBENZENE	N		UG/L	14	70		Table 1	M	M	F	1.0	0.41	1.4	998310390
211117	1,2-DIBROMO-3-CHLOROPROPANE	N		UG/L	0.02	0.2		Table 1	M	M	M	1.0	0.39	1.3	998310390
211117	1,2-DIBROMOETHANE (EDB)	N		UG/L	0.005	0.05		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: P32B		WDNR Point ID: 150													
211117	1,2-DICHLOROETHANE	N		UG/L	0.5	5		Table 1	M	M	M	1.0	0.21	0.70	998310390
211117	1,2-DICHLOROPROPANE	N		UG/L	0.5	5		Table 1	M	M	M	1.0	0.72	2.4	998310390
211117	2-HEXANONE	N		UG/L					M	M	M	5.0	1.2	4.1	998310390
211117	4-METHYL-2-PENTANONE (MIBK)	N		UG/L	50	500		Table 1	M	M	M	5.0	2.1	7.0	998310390
211117	ACETONE	N		UG/L	1800	9000		Table 1	M	M	M	10	3.0	10	998310390
211117	ALKALINITY-TOTAL AS CaCO3 (FILT)		356	MG/L					M	M	M	50.0	20.0	66.7	998310390
211117	BENZENE	N		UG/L	0.5	5		Table 1	M	M	M	1.0	0.41	1.4	998310390
211117	BROMODICHLOROMETHANE	N		UG/L	0.06	0.6		Table 1	M	M	M	1.0	0.39	1.3	998310390
211117	BROMOMETHANE	N		UG/L	1	10		Table 1	M	M	M	1.0	0.69	2.3	998310390
211117	CARBON DISULFIDE	N		UG/L	200	1000		Table 1	M	M	M	1.0	0.19	0.63	998310390
211117	CARBON TETRACHLORIDE	N		UG/L	0.5	5		Table 1	M	M	M	1.0	0.27	0.90	998310390
211117	CHLOROBENZENE	N		UG/L	20	100		Table 1	M	M	M	1.0	0.75	2.5	998310390
211117	CHLOROETHANE	N		UG/L	80	400		Table 1	M	M	M	1.0	0.32	1.1	998310390
211117	CHLOROFORM	N		UG/L	0.6	6		Table 1	M	M	M	1.0	0.34	1.1	998310390
211117	CHLOROMETHANE	N		UG/L	3	30		Table 1	M	M	F	1.0	0.35	1.2	998310390
211117	CIS-1,2-DICHLOROETHENE	N		UG/L	7	70		Table 1	M	M	M	1.0	0.81	2.7	998310390
211117	CIS-1,3-DICHLOROPROPENE	N		UG/L	0.04	0.4		Table 1	M	M	M	1.0	0.36	1.2	998310390
211117	DIBROMOCHLOROMETHANE	N		UG/L	6	60		Table 1	M	M	M	1.0	0.32	1.1	998310390
211117	DIBROMOMETHANE	N		UG/L					M	M	M	1.0	0.41	1.4	998310390
211117	DICHLORODIFLUOROMETHANE	N		UG/L	200	1000		Table 1	M	M	M	1.0	0.68	2.3	998310390
211117	DICHLOROMETHANE	N		UG/L	0.5	5		Table 1	M	M	M	1.0	0.44	1.5	998310390
211117	DISSOLVED OXYGEN, FIELD BY PROBE		1.3	MG/L											
211117	ETHYLBENZENE	N		UG/L	140	700		Table 1	M	M	M	1.0	0.74	2.5	998310390
211117	FLUOROTRICHLOROMETHANE	N		UG/L	698	3490		Table 1	M	M	M	1.0	0.88	2.9	998310390
211117	GROUNDWATER ELEVATION		855.82	FT MSL											
211117	IRON-DISSOLVED AS FE	N		MG/L	0.15	0.3		Table 2	M	M	M	0.030	0.019	0.064	998310390
211117	MANGANESE-DISSOLVED AS MN		21.9	UG/L	60	300		Table 1	M	M	M	2.0	0.40	1.3	998310390
211117	MANGANESE-DISSOLVED AS MN		21.9	UG/L	25	50		Table 2	M	M	M	2.0	0.40	1.3	998310390
211117	M-DICHLOROBENZENE	N		UG/L	120	600		Table 1	M	M	M	1.0	0.78	2.6	998310390
211117	METHYL ETHYL KETONE (MEK)	N		UG/L	800	4000		Table 1	M	M	M	10	1.3	4.4	998310390
211117	METHYL TERT-BUTYL ETHER (MTBE)	N		UG/L	12	60		Table 1	M	M	F	1.0	0.16	0.53	998310390
211117	NAPHTHALENE	N		UG/L	10	100		Table 1	M	M	F	1.0	0.43	1.4	998310390

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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
<b>Sample Point: P32B</b>		<b>WDNR Point ID: 150</b>													
211117	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
211117	O-DICHLOROENZENE	N		UG/L	60	600		Table 1	M	M	M	1.0	0.79	2.6	998310390
211117	OXIDATION REDUCTION POTENTIAL		255	MILLIVOLTS											
211117	P-DICHLOROENZENE	N		UG/L	15	75		Table 1	M	M	M	1.0	0.84	2.8	998310390
211117	PH-FIELD		7.29	SU											
211117	SAMPLE COLOR	N		NONE											
211117	SAMPLE ODOR	N		NONE											
211117	SAMPLE TEMPERATURE		12.8	DEGREES C											
211117	SAMPLE TURBIDITY	N		NONE											
211117	SPECIFIC CONDUCTANCE-FIELD		743	UMHOS/CM											
211117	STYRENE	N		UG/L	10	100		Table 1	M	M	M	1.0	0.73	2.4	998310390
211117	SULFATE-DISSOLVED AS SO4		22.6	MG/L	125	250		Table 2	M	M	M	10.0	1.7	5.8	998310390
211117	TETRACHLOROETHYLENE	N		UG/L	0.5	5		Table 1	M	M	M	1.0	0.36	1.2	998310390
211117	TETRAHYDROFURAN	N		UG/L	10	50		Table 1	M	M	M	5.0	1.3	4.2	998310390
211117	TOLUENE	N		UG/L	160	800		Table 1	M	M	M	1.0	0.51	1.7	998310390
211117	TRANS-1,2-DICHLOROETHENE (TOTAL)	N		UG/L	20	100		Table 1	M	M	M	1.0	0.90	3.0	998310390
211117	TRANS-1,3-DICHLOROPROPENE	N		UG/L	0.04	0.4		Table 1	M	M	M	1.0	0.37	1.2	998310390
211117	TRIBROMOMETHANE	N		UG/L	0.44	4.4		Table 1	M	M	M	1.0	0.26	0.87	998310390
211117	TRICHLOROETHYLENE	N		UG/L	0.5	5		Table 1	M	M	M	1.0	0.46	1.5	998310390
211117	VINYL CHLORIDE	N		UG/L	0.02	0.2		Table 1	M	M	M	1.0	0.90	3.0	998310390
211117	VINYL CHLORIDE	N		UG/L	0.02	0.2		Table 1	M	M	M	0.020	0.004	0.013	998310390
211117	XYLENES-TOTAL	N		UG/L	400	2000		Table 1	M	M	M	2.0	0.66	2.2	998310390
<b>Sample Point: 08FB</b>		<b>WDNR Point ID: 997</b>													
211117	1,1,1-TRICHLOROETHANE	N		UG/L								1.0	0.82	2.7	998310390
211117	1,1,2,2-TETRACHLOROETHANE	N		UG/L								1.0	0.21	0.70	998310390
211117	1,1,2-TRICHLOROETHANE	N		UG/L								1.0	0.23	0.77	998310390
211117	1,1-DICHLOROETHANE	N		UG/L								1.0	0.38	1.3	998310390
211117	1,1-DICHLOROETHYLENE	N		UG/L								1.0	0.29	0.97	998310390
211117	1,2,4-TRICHLOROBENZENE	N		UG/L								1.0	0.41	1.4	998310390
211117	1,2-DIBROMO-3-CHLOROPROPANE	N		UG/L								1.0	0.39	1.3	998310390
211117	1,2-DIBROMOETHANE (EDB)	N		UG/L								1.0	0.73	2.4	998310390
211117	1,2-DICHLOROETHANE	N		UG/L								1.0	0.21	0.70	998310390

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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													
211117	1,2-DICHLOROPROPANE	N		UG/L					M	M		1.0	0.72	2.4	998310390
211117	2-HEXANONE	N		UG/L					M	M		5.0	1.2	4.1	998310390
211117	4-METHYL-2-PENTANONE (MIBK)	N		UG/L					M	M		5.0	2.1	7.0	998310390
211117	ACETONE	J	4.6	UG/L					M	M		10	3.0	10	998310390
211117	ALKALINITY-TOTAL AS CaCO3 (FILT)	N		MG/L					M	M		10.0	4.0	13.3	998310390
211117	BENZENE	N		UG/L					M	M		1.0	0.41	1.4	998310390
211117	BROMODICHLOROMETHANE	N		UG/L					M	M		1.0	0.39	1.3	998310390
211117	BROMOMETHANE	N		UG/L					M	M		1.0	0.69	2.3	998310390
211117	CARBON DISULFIDE	N		UG/L					M	F		1.0	0.19	0.63	998310390
211117	CARBON TETRACHLORIDE	N		UG/L					M	M		1.0	0.27	0.90	998310390
211117	CHLOROBENZENE	N		UG/L					M	M		1.0	0.75	2.5	998310390
211117	CHLOROETHANE	N		UG/L					M	M		1.0	0.32	1.1	998310390
211117	CHLOROFORM	N		UG/L					M	M		1.0	0.34	1.1	998310390
211117	CHLOROMETHANE	N		UG/L					M	F		1.0	0.35	1.2	998310390
211117	CIS-1,2-DICHLOROETHENE	N		UG/L					M	M		1.0	0.81	2.7	998310390
211117	CIS-1,3-DICHLOROPROPENE	N		UG/L					M	M		1.0	0.36	1.2	998310390
211117	DIBROMOCHLOROMETHANE	N		UG/L					M	M		1.0	0.32	1.1	998310390
211117	DIBROMOMETHANE	N		UG/L					M	M		1.0	0.41	1.4	998310390
211117	DICHLORODIFLUOROMETHANE	N		UG/L					M	M		1.0	0.68	2.3	998310390
211117	DICHLOROMETHANE	N		UG/L					M	M		1.0	0.44	1.5	998310390
211117	ETHYLBENZENE	N		UG/L					M	M		1.0	0.74	2.5	998310390
211117	FLUOROTRICHLOROMETHANE	N		UG/L					M	M		1.0	0.88	2.9	998310390
211117	IRON-DISSOLVED AS FE	N		MG/L					M	M		0.030	0.019	0.064	998310390
211117	MANGANESE-DISSOLVED AS MN	N		UG/L					M	M		2.0	0.40	1.3	998310390
211117	M-DICHLOROBENZENE	N		UG/L					M	M		1.0	0.78	2.6	998310390
211117	METHYL ETHYL KETONE (MEK)	N		UG/L					M	M		10	1.3	4.4	998310390
211117	METHYL TERT-BUTYL ETHER (MTBE)	N		UG/L					M	M		1.0	0.16	0.53	998310390
211117	NAPHTHALENE	N		UG/L					M	M		1.0	0.43	1.4	998310390
211117	NITRITE PLUS NITRATE-DISSOLVED AS N	N		MG/L AS N					M	M		0.050	0.020	0.067	998310390
211117	O-DICHLOROBENZENE	N		UG/L					M	M		1.0	0.79	2.6	998310390
211117	P-DICHLOROBENZENE	N		UG/L					M	M		1.0	0.84	2.8	998310390
211117	PH-FIELD		7.95	SU											

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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
<b>Sample Point: 08FB</b>		<b>WDNR Point ID: 997</b>													
211117	SAMPLE COLOR	N		NONE											
211117	SAMPLE ODOR	N		NONE											
211117	SAMPLE TEMPERATURE		21.3	DEGREES C											
211117	SAMPLE TURBIDITY	N		NONE											
211117	SPECIFIC CONDUCTANCE-FIELD		16.4	UMHOS/CM											
211117	STYRENE	N		UG/L					M	M		1.0	0.73	2.4	998310390
211117	SULFATE-DISSOLVED AS SO4	N		MG/L					M	M		2.0	0.35	1.2	998310390
211117	TETRACHLOROETHYLENE	N		UG/L					M	M		1.0	0.36	1.2	998310390
211117	TETRAHYDROFURAN	N		UG/L					M	M		5.0	1.3	4.2	998310390
211117	TOLUENE	N		UG/L					M	M		1.0	0.51	1.7	998310390
211117	TRANS-1,2-DICHLOROETHENE (TOTAL)	N		UG/L					M	M		1.0	0.90	3.0	998310390
211117	TRANS-1,3-DICHLOROPROPENE	N		UG/L					M	M		1.0	0.37	1.2	998310390
211117	TRIBROMOMETHANE	N		UG/L					M	M		1.0	0.26	0.87	998310390
211117	TRICHLOROETHYLENE	N		UG/L					M	M		1.0	0.46	1.5	998310390
211117	VINYL CHLORIDE	N		UG/L					M	M		1.0	0.90	3.0	998310390
211117	VINYL CHLORIDE	N		UG/L					M	M		0.020	0.004	0.013	998310390
211117	XYLENES-TOTAL	N		UG/L					M	M		2.0	0.66	2.2	998310390
<b>Sample Point: 01TB</b>		<b>WDNR Point ID: 999</b>													
211117	1,1,1-TRICHLOROETHANE	N		UG/L					M	M		1.0	0.82	2.7	998310390
211117	1,1,2,2-TETRACHLOROETHANE	N		UG/L					M	M		1.0	0.21	0.70	998310390
211117	1,1,2-TRICHLOROETHANE	N		UG/L					M	M		1.0	0.23	0.77	998310390
211117	1,1-DICHLOROETHANE	N		UG/L					M	M		1.0	0.38	1.3	998310390
211117	1,1-DICHLOROETHYLENE	N		UG/L					M	M		1.0	0.29	0.97	998310390
211117	1,2,4-TRICHLOROBENZENE	N		UG/L					M	M		1.0	0.41	1.4	998310390
211117	1,2-DIBROMO-3-CHLOROPROPANE	N		UG/L					M	M		1.0	0.39	1.3	998310390
211117	1,2-DIBROMOETHANE (EDB)	N		UG/L					M	M		1.0	0.73	2.4	998310390
211117	1,2-DICHLOROETHANE	N		UG/L					M	M		1.0	0.21	0.70	998310390
211117	1,2-DICHLOROPROPANE	N		UG/L					M	M		1.0	0.72	2.4	998310390
211117	2-HEXANONE	N		UG/L					M	M		5.0	1.2	4.1	998310390
211117	4-METHYL-2-PENTANONE (MIBK)	N		UG/L					M	M		5.0	2.1	7.0	998310390
211117	ACETONE	N		UG/L					M	M		10	3.0	10	998310390
211117	BENZENE	N		UG/L					M	M		1.0	0.41	1.4	998310390

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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: 01TB		WDNR Point ID: 999													
211117	BROMODICHLOROMETHANE	N		UG/L					M	M		1.0	0.39	1.3	998310390
211117	BROMOMETHANE	N		UG/L					M	M		1.0	0.69	2.3	998310390
211117	CARBON DISULFIDE	N		UG/L					M	F		1.0	0.19	0.63	998310390
211117	CARBON TETRACHLORIDE	N		UG/L					M	M		1.0	0.27	0.90	998310390
211117	CHLOROBENZENE	N		UG/L					M	M		1.0	0.75	2.5	998310390
211117	CHLOROETHANE	N		UG/L					M	M		1.0	0.32	1.1	998310390
211117	CHLOROFORM	N		UG/L					M	M		1.0	0.34	1.1	998310390
211117	CHLOROMETHANE	N		UG/L					M	F		1.0	0.35	1.2	998310390
211117	CIS-1,2-DICHLOROETHENE	N		UG/L					M	M		1.0	0.81	2.7	998310390
211117	CIS-1,3-DICHLOROPROPENE	N		UG/L					M	M		1.0	0.36	1.2	998310390
211117	DIBROMOCHLOROMETHANE	N		UG/L					M	M		1.0	0.32	1.1	998310390
211117	DIBROMOMETHANE	N		UG/L					M	M		1.0	0.41	1.4	998310390
211117	DICHLORODIFLUOROMETHANE	N		UG/L					M	M		1.0	0.68	2.3	998310390
211117	DICHLOROMETHANE	N		UG/L					M	M		1.0	0.44	1.5	998310390
211117	ETHYLBENZENE	N		UG/L					M	M		1.0	0.74	2.5	998310390
211117	FLUOROTRICHLOROMETHANE	N		UG/L					M	M		1.0	0.88	2.9	998310390
211117	M-DICHLOROENZENE	N		UG/L					M	M		1.0	0.78	2.6	998310390
211117	METHYL ETHYL KETONE (MEK)	N		UG/L					M	M		10	1.3	4.4	998310390
211117	METHYL TERT-BUTYL ETHER (MTBE)	N		UG/L					M	M		1.0	0.16	0.53	998310390
211117	NAPHTHALENE	N		UG/L					M	M		1.0	0.43	1.4	998310390
211117	O-DICHLOROENZENE	N		UG/L					M	M		1.0	0.79	2.6	998310390
211117	P-DICHLOROENZENE	N		UG/L					M	M		1.0	0.84	2.8	998310390
211117	STYRENE	N		UG/L					M	M		1.0	0.73	2.4	998310390
211117	TETRACHLOROETHYLENE	N		UG/L					M	M		1.0	0.36	1.2	998310390
211117	TETRAHYDROFURAN	N		UG/L					M	M		5.0	1.3	4.2	998310390
211117	TOLUENE	N		UG/L					M	M		1.0	0.51	1.7	998310390
211117	TRANS-1,2-DICHLOROETHENE (TOTAL)	N		UG/L					M	M		1.0	0.90	3.0	998310390
211117	TRANS-1,3-DICHLOROPROPENE	N		UG/L					M	M		1.0	0.37	1.2	998310390
211117	TRIBROMOMETHANE	N		UG/L					M	M		1.0	0.26	0.87	998310390
211117	TRICHLOROETHYLENE	N		UG/L					M	M		1.0	0.46	1.5	998310390
211117	VINYL CHLORIDE	N		UG/L					M	M		1.0	0.90	3.0	998310390
211117	XYLENES-TOTAL	N		UG/L					M	M		2.0	0.66	2.2	998310390

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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
<b>Sample Point:</b> O2TB		<b>WDNR Point ID:</b> 999													
211209	VINYL CHLORIDE	N		UG/L					M	M		0.020	0.004	0.013	998310390
<b>Sample Point:</b> TB		<b>WDNR Point ID:</b> 999													
211117	1,1,1-TRICHLOROETHANE	N		UG/L					M	M		1.0	0.82	2.7	998310390
211117	1,1,2,2-TETRACHLOROETHANE	N		UG/L					M	M		1.0	0.21	0.70	998310390
211117	1,1,2-TRICHLOROETHANE	N		UG/L					M	M		1.0	0.23	0.77	998310390
211117	1,1-DICHLOROETHANE	N		UG/L					M	M		1.0	0.38	1.3	998310390
211117	1,1-DICHLOROETHYLENE	N		UG/L					M	M		1.0	0.29	0.97	998310390
211117	1,2,4-TRICHLOROBENZENE	N		UG/L					M	M		1.0	0.41	1.4	998310390
211117	1,2-DIBROMO-3-CHLOROPROPANE	N		UG/L					M	M		1.0	0.39	1.3	998310390
211117	1,2-DIBROMOETHANE (EDB)	N		UG/L					M	M		1.0	0.73	2.4	998310390
211117	1,2-DICHLOROETHANE	N		UG/L					M	M		1.0	0.21	0.70	998310390
211117	1,2-DICHLOROPROPANE	N		UG/L					M	M		1.0	0.72	2.4	998310390
211117	2-HEXANONE	N		UG/L					M	M		5.0	1.2	4.1	998310390
211117	4-METHYL-2-PENTANONE (MIBK)	N		UG/L					M	F		5.0	2.1	7.0	998310390
211117	ACETONE	N		UG/L					M	M		10	3.0	10	998310390
211117	BENZENE	N		UG/L					M	M		1.0	0.41	1.4	998310390
211117	BROMODICHLOROMETHANE	N		UG/L					M	M		1.0	0.39	1.3	998310390
211117	BROMOMETHANE	N		UG/L					M	M		1.0	0.69	2.3	998310390
211117	CARBON DISULFIDE	N		UG/L					M	M		1.0	0.19	0.63	998310390
211117	CARBON TETRACHLORIDE	N		UG/L					M	M		1.0	0.27	0.90	998310390
211117	CHLOROBENZENE	N		UG/L					M	M		1.0	0.75	2.5	998310390
211117	CHLOROETHANE	N		UG/L					M	M		1.0	0.32	1.1	998310390
211117	CHLOROFORM	N		UG/L					M	M		1.0	0.34	1.1	998310390
211117	CHLOROMETHANE	N		UG/L					M	M		1.0	0.35	1.2	998310390
211117	CIS-1,2-DICHLOROETHENE	N		UG/L					M	M		1.0	0.81	2.7	998310390
211117	CIS-1,3-DICHLOROPROPENE	N		UG/L					M	M		1.0	0.36	1.2	998310390
211117	DIBROMOCHLOROMETHANE	N		UG/L					M	M		1.0	0.32	1.1	998310390
211117	DIBROMOMETHANE	N		UG/L					M	M		1.0	0.41	1.4	998310390
211117	DICHLORODIFLUOROMETHANE	N		UG/L					M	M		1.0	0.68	2.3	998310390
211117	DICHLOROMETHANE	N		UG/L					M	M		1.0	0.44	1.5	998310390
211117	ETHYLBENZENE	N		UG/L					M	M		1.0	0.74	2.5	998310390
211117	FLUOROTRICHLOROMETHANE	N		UG/L					M	M		1.0	0.88	2.9	998310390

Hagen Farm Landfill  
WMI Site Number: 393

License Number: 02981  
Facility ID Number:

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													
211117	M-DICHLOROBENZENE	N		UG/L					M	M		1.0	0.78	2.6	998310390
211117	METHYL ETHYL KETONE (MEK)	N		UG/L					M	M		10	1.3	4.4	998310390
211117	METHYL TERT-BUTYL ETHER (MTBE)	N		UG/L					M	M		1.0	0.16	0.53	998310390
211117	NAPHTHALENE	N		UG/L					M	M		1.0	0.43	1.4	998310390
211117	O-DICHLOROBENZENE	N		UG/L					M	M		1.0	0.79	2.6	998310390
211117	P-DICHLOROBENZENE	N		UG/L					M	M		1.0	0.84	2.8	998310390
211117	STYRENE	N		UG/L					M	M		1.0	0.73	2.4	998310390
211117	TETRACHLOROETHYLENE	N		UG/L					M	M		1.0	0.36	1.2	998310390
211117	TETRAHYDROFURAN	N		UG/L					M	F		5.0	1.3	4.2	998310390
211117	TOLUENE	N		UG/L					M	M		1.0	0.51	1.7	998310390
211117	TRANS-1,2-DICHLOROETHENE (TOTAL)	N		UG/L					M	M		1.0	0.90	3.0	998310390
211117	TRANS-1,3-DICHLOROPROPENE	N		UG/L					M	M		1.0	0.37	1.2	998310390
211117	TRIBROMOMETHANE	N		UG/L					M	M		1.0	0.26	0.87	998310390
211117	TRICHLOROETHYLENE	N		UG/L					M	M		1.0	0.46	1.5	998310390
211117	VINYL CHLORIDE	N		UG/L					M	M		1.0	0.90	3.0	998310390
211117	XYLENES-TOTAL	N		UG/L					M	M		2.0	0.66	2.2	998310390