

## SCS ENGINEERS

July 21, 2016  
File No. 25212002.16



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  
Second Quarter 2016 Environmental Data Submittal

Dear GEMS Data Submittal Contact:

Enclosed is the second quarter 2016 environmental data submittal for the Hagen Farm Landfill, License No. 02981. The data was collected in accordance with the requirements of the U.S. Environmental Protection Agency (USEPA) approval of the Hagen Farm Site Groundwater Control Operable Unit Revised Workplan dated March 1, 2005, as amended. The submittal also includes results from supplemental analysis for volatile organic compounds (VOCs) on samples from two wells, MW7 and P26B.

### SAMPLING SUMMARY

The second quarter sampling event, which was performed on May 24, 2016, included collection of groundwater samples at 12 monitoring wells and measurement of water levels at a total of 5 monitoring wells in the vicinity of the site. The measurements, samples, and associated field data were collected by SCS Engineers staff. The samples were submitted to TestAmerica 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 (may16-02981.txt) from this period.
- **Attachment A**, a table that identifies the compounds that exceeded the groundwater standards identified in Chapter NR 140, 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 [Form 4400-231(R 1/04)].
- **Attachment D**, a printout of the data from this sampling period.



## SUBMITTAL NOTES

Please note the following:

- 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 USEPA-lead Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) site and is also periodically evaluated in the annual reports for the operation and maintenance of the selected remedy.

## DATA QUALITY

In addition to laboratory quality control measures, the laboratory analyzed one trip blank and one field blank collected in association with this sampling event to assess data quality. No VOCs were quantified above the LOD from analysis of the trip blank associated with this sampling event. Acetone, alkalinity, and vinyl chloride (SIM method) were reported at low concentrations (i.e., estimated concentration between the LOD and LOQ) in the field blank. The concentrations are not likely to indicate a significant data quality issue in that the concentrations are not in excess of applicable water quality standards (i.e., PALs), and the water used to prepare the field blank does not come into contact with the groundwater samples. Dedicated groundwater sampling equipment is utilized at the site.

Three vinyl chloride (SIM method) results from analysis of the samples collected at groundwater monitoring wells P17B, P22B, and P32B were appropriately qualified by the laboratory as

failing the Wisconsin Department of Natural Resources (WDNR) Quality Control Flag 1 criteria due to identification of the compound in a laboratory method blank at a concentration of greater than 10 percent of the measured concentration in the sample. The concentration identified in the laboratory blank was less than the associated reporting limit (RL) and PAL, therefore re-analysis of the well samples was not performed and the data was reported. Given that the concentration in the blank was low (i.e., less than the RL and PAL), the potential laboratory issue is not expected to materially impact the overall evaluation of the data.

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.

No results from this reporting period were qualified by the laboratory as failing WDNR QC Flag 3 in that all samples met laboratory quality control standards.

In that only three results of one parameter (i.e., vinyl chloride) were qualified, and the likelihood that the qualified results do not materially affect the overall evaluation of that data, the data from this sampling event is acceptable for use.

Please contact me at (262) 345-1220 if you have any questions regarding this report.

Sincerely,



Gary Sterkel  
Environmental Specialist  
**SCS ENGINEERS**

GLS/AV/MJP

cc: Ms. Sheila Sullivan, USEPA, w/o disk  
Mr. Gary Edelstein, WDNR, w/o disk  
Mr. Michael Peterson, Waste Management of Wisconsin, Inc., w/o disk

Attachments: A through D

**ATTACHMENT A**

Second Quarter 2016  
Identification of NR 140 Exceedances

# Hagen Farm Landfill

Attachment A  
 Second Quarter 2016

## Identification of NR 140 Exceedances

Well	Sample Date	Parameter	Sample Result	NR140 Standards PAL	ES	Units	Type of Standard	Type of Exceedance	Qualifier	RL	LOD	LOQ
OB8M	160524	IRON-DISSOLVED AS FE	0.21	0.15	0.3	MG/L	Table 2	P		0.03	0.019	0.064
P17C	160524	IRON-DISSOLVED AS FE	2.8	0.15	0.3	MG/L	Table 2	P*		0.03	0.019	0.064
P22B	160524	IRON-DISSOLVED AS FE	3.7	0.15	0.3	MG/L	Table 2	P*		0.03	0.019	0.064
OB8M	160524	MANGANESE-DISSOLVED AS MN	156	60	300	UG/L	Table 1	P		2	0.4	1.3
OB8M	160524	MANGANESE-DISSOLVED AS MN	156	25	50	UG/L	Table 2	E		2	0.4	1.3
P17B	160524	MANGANESE-DISSOLVED AS MN	42.6	25	50	UG/L	Table 2	P		2	0.4	1.3
P17C	160524	MANGANESE-DISSOLVED AS MN	284	60	300	UG/L	Table 1	P		2	0.4	1.3
P17C	160524	MANGANESE-DISSOLVED AS MN	284	25	50	UG/L	Table 2	P*		2	0.4	1.3
P22B	160524	MANGANESE-DISSOLVED AS MN	110	60	300	UG/L	Table 1	P		2	0.4	1.3
P22B	160524	MANGANESE-DISSOLVED AS MN	110	25	50	UG/L	Table 2	P*		2	0.4	1.3
P32B	160524	MANGANESE-DISSOLVED AS MN	111	60	300	UG/L	Table 1	P		2	0.4	1.3
P32B	160524	MANGANESE-DISSOLVED AS MN	111	25	50	UG/L	Table 2	E		2	0.4	1.3
P17B	160524	NITRITE PLUS NITRATE-DISSOLVED AS N	4.5	2	10	MG/L AS N	Table 1	P		0.1	0.04	0.13
OB8M	160524	VINYL CHLORIDE	0.78	0.02	0.2	UG/L	Table 1	E		0.02	0.004	0.013
P17C	160524	VINYL CHLORIDE	0.56	0.02	0.2	UG/L	Table 1	P*		0.02	0.004	0.013
P26B	160524	VINYL CHLORIDE	0.23	0.02	0.2	UG/L	Table 1	P*		0.02	0.004	0.013
P32B	160524	VINYL CHLORIDE	0.037	0.02	0.2	UG/L	Table 1	P		0.02	0.004	0.013

# Hagen Farm Landfill

## Identification of NR 140 Exceedances

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

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 Notes:**

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 8260B 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**

Second Quarter 2016  
Identification of Sample Results Between  
the LOD and LOQ ("J-Flags")

# Hagen Farm Landfill

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

Well	Sample Date	Parameter	Sample Result	NR140 Standards			Units	Qualifier	RL	LOD	LOQ
				PAL	ES	ES					
MW-22	160524	IRON-DISSOLVED AS FE	0.020	0.15	0.3	0.3	MG/L	J	0.03	0.019	0.064
OBS-1A	160524	MANGANESE-DISSOLVED AS MN	0.69	60	300	300	UG/L	J	2	0.4	1.3
OBS-1B	160524	MANGANESE-DISSOLVED AS MN	0.93	60	300	300	UG/L	J	2	0.4	1.3
OBS-1C	160524	MANGANESE-DISSOLVED AS MN	0.91	60	300	300	UG/L	J	2	0.4	1.3
P17B	160524	IRON-DISSOLVED AS FE	0.031	0.15	0.3	0.3	MG/L	J	0.03	0.019	0.064
P22B	160524	NITRITE PLUS NITRATE-DISSOLVED AS N	0.025	2	10	10	MG/L AS N	J	0.05	0.02	0.067
P22B	160524	VINYL CHLORIDE	0.0051	0.02	0.2	0.2	UG/L	J	0.02	0.004	0.013

**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**

Second Quarter 2016  
Environmental Monitoring Data Certification  
Form [Form 4400-231 (R1/04)]

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

**Instructions:**

- Prepare one form for each license or monitoring ID.
- Please type or print legibly.
- Attach a notification of any values that attain or exceed groundwater standards (that is, preventive action limits, enforcement standards or alternative concentration limits). The notification must include a preliminary analysis of the cause and significance of each value.
- Attach a notification of any gas values that attain or exceed explosive gas levels.
- Send the original signed form, any notification, and Electronic Data Deliverable [EDD] to:

GEMS Data Submittal Contact - WA/5  
Bureau of Waste Management  
Wisconsin Department of Natural Resources  
101 South Webster Street  
Madison WI 53707-7921

**Monitoring Data Submittal Information**

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

SCS Engineers

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

Name: Gary Sterkel Phone: (262) 345-1220

E-mail: gsterkel@scsengineers.com

Facility name:	License # / Monitoring ID	Facility ID ( FID )	Actual sampling dates (e.g., July 2-6, 2003)
Hagen Farm Landfill	02981	113176030	May 24, 2016

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

May 2016

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.*

Gary Sterkel Environmental Specialist (262) 345-1220  
Facility Representative Name (Print) Title (Area Code) Telephone No.

Gary Sterkel 7/22/16  
Signature Date

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

Found uploading problems on \_\_\_\_\_ Initials \_\_\_\_\_

Notified contact of problems on \_\_\_\_\_ Uploaded data successfully on \_\_\_\_\_

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

**ATTACHMENT D**

Second Quarter 2016  
Environmental Monitoring Data

# Hagen Farm Landfill

Stoughton, WI

Second Quarter 2016 Environmental Monitoring Data

**Samples Collected by:**

SCS Engineers  
Gary Sterkel and Steve Smith

**Samples Analyzed by:**

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

**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

License Number: 02981  
 Facility ID Number: 113176030

Sample Date	Parameter	Qualifier	Value	Units	PAL	ES	Type of Exceedance	Type of Standard	QC			WDNR Lab Cert	
									I	II	III		
Sample Point: 08FB WDNR Point ID: 997													
160524	1,1,1-TRICHLOROETHANE	N		UG/L	40	200	Table 1	Table 1	M	M	M	2.7	998310390
160524	1,1,2,2-TETRACHLOROETHANE	N		UG/L	0.02	0.2	Table 1	Table 1	M	M	M	0.21	998310390
160524	1,1,2-TRICHLOROETHANE	N		UG/L	0.5	5	Table 1	Table 1	M	M	M	0.23	998310390
160524	1,1-DICHLOROETHANE	N		UG/L	85	850	Table 1	Table 1	M	M	M	0.38	998310390
160524	1,1-DICHLOROETHYLENE	N		UG/L	0.7	7	Table 1	Table 1	M	M	M	0.29	998310390
160524	1,2,4-TRICHLOROBENZENE	N		UG/L	14	70	Table 1	Table 1	M	M	M	0.41	998310390
160524	1,2-DIBROMO-3-CHLOROPROPANE	N		UG/L	0.02	0.2	Table 1	Table 1	M	M	M	0.39	998310390
160524	1,2-DIBROMOETHANE (EDB)	N		UG/L	0.005	0.05	Table 1	Table 1	M	M	M	0.73	998310390
160524	1,2-DICHLOROETHANE	N		UG/L	0.5	5	Table 1	Table 1	M	M	M	0.21	998310390
160524	1,2-DICHLOROPROPANE	N		UG/L	0.5	5	Table 1	Table 1	M	M	M	0.72	998310390
160524	2-HEXANONE	N		UG/L					M	M	M	5.0	998310390
160524	4-METHYL-2-PENTANONE (MIBK)	N		UG/L	50	500	Table 1	Table 1	M	M	M	2.1	998310390
160524	ACETONE	J	5.2	UG/L	1800	9000	Table 1	Table 1	M	M	M	3.0	998310390
160524	ALKALINITY-TOTAL AS CaCO3 (FILT)	J	7.5	MG/L					M	M	M	10.0	998310390
160524	BENZENE	N		UG/L	0.5	5	Table 1	Table 1	M	M	M	0.41	998310390
160524	BROMODICHLOROMETHANE	N		UG/L	0.06	0.6	Table 1	Table 1	M	M	M	0.39	998310390
160524	BROMOMETHANE	N		UG/L	1	10	Table 1	Table 1	M	M	M	0.69	998310390
160524	CARBON DISULFIDE	N		UG/L	200	1000	Table 1	Table 1	M	M	M	0.19	998310390
160524	CARBON TETRACHLORIDE	N		UG/L	0.5	5	Table 1	Table 1	M	M	M	0.27	998310390
160524	CHLOROBENZENE	N		UG/L	20	100	Table 1	Table 1	M	M	M	0.75	998310390
160524	CHLOROETHANE	N		UG/L	80	400	Table 1	Table 1	M	M	M	0.32	998310390
160524	CHLOROFORM	N		UG/L	0.6	6	Table 1	Table 1	M	M	M	0.34	998310390
160524	CHLOROMETHANE	N		UG/L	3	30	Table 1	Table 1	M	M	M	0.35	998310390
160524	CIS-1,2-DICHLOROETHENE	N		UG/L	7	70	Table 1	Table 1	M	M	M	0.81	998310390
160524	CIS-1,3-DICHLOROPROPENE	N		UG/L	0.04	0.4	Table 1	Table 1	M	M	M	0.36	998310390
160524	DIBROMOCHLOROMETHANE	N		UG/L	6	60	Table 1	Table 1	M	M	M	0.32	998310390
160524	DIBROMOMETHANE	N		UG/L					M	M	M	1.0	998310390
160524	DICHLORODIFLUOROMETHANE	N		UG/L	200	1000	Table 1	Table 1	M	M	M	0.41	998310390
160524	DICHLOROMETHANE	N		UG/L	0.5	5	Table 1	Table 1	M	M	M	0.68	998310390
160524	ETHYLBENZENE	N		UG/L	140	700	Table 1	Table 1	M	M	M	0.44	998310390
160524	FLUOROTRICHLOROMETHANE	N		UG/L	698	3490	Table 1	Table 1	M	M	M	0.74	998310390
160524	IRON-DISSOLVED AS FE	N		MG/L	0.15	0.3	Table 1	Table 1	M	M	M	0.88	998310390
160524	MANGANESE-DISSOLVED AS MN	N		UG/L	60	300	Table 2	Table 1	M	M	M	0.030	998310390
				UG/L	60	300	Table 1	Table 1	M	M	M	2.0	998310390

Hagen Farm Landfill

Sample Date	Parameter	Qualifier	Value	Units	PAL	ES	Exceedance	Type of Standard	QC I	QC II	QC III	RL	LOD	LOQ	Lab Cert
<b>Sample Point: 08FB WDNR Point ID: 997</b>															
160524	MANGANESE-DISSOLVED AS MN	N		UG/L	25	50		Table 2	M	M	M	2.0	0.40	1.3	998310390
160524	M-DICHLOROBENZENE	N		UG/L	120	600		Table 1	M	M	M	1.0	0.78	2.6	998310390
160524	METHYLETHYL KETONE (MEK)	N		UG/L	800	4000		Table 1	M	M	M	10	1.3	4.4	998310390
160524	METHYL TERT-BUTYL ETHER (MTBE)	N		UG/L	12	60		Table 1	M	M	M	1.0	0.16	0.53	998310390
160524	NAPHTHALENE	N		UG/L	10	100		Table 1	M	M	M	1.0	0.43	1.4	998310390
160524	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
160524	O-DICHLOROBENZENE	N		UG/L	60	600		Table 1	M	M	M	1.0	0.79	2.6	998310390
160524	P-DICHLOROBENZENE	N		UG/L	15	75		Table 1	M	M	M	1.0	0.84	2.8	998310390
160524	PH-FIELD		9.24	SU											
160524	SAMPLE TEMPERATURE		21.2	DEGREES C											
160524	SPECIFIC CONDUCTANCE-FIELD		5	UMHOS/CM											
160524	STYRENE	N		UG/L	10	100		Table 1	M	M	M	1.0	0.73	2.4	998310390
160524	SULFATE-DISSOLVED AS SO4	N		MG/L	125	250		Table 2	M	M	M	2.0	0.35	1.2	998310390
160524	TETRACHLOROETHYLENE	N		UG/L	0.5	5		Table 1	M	M	M	1.0	0.36	1.2	998310390
160524	TETRAHYDROFURAN	N		UG/L	10	50		Table 1	M	M	M	5.0	1.3	4.2	998310390
160524	TOLUENE	N		UG/L	160	800		Table 1	M	M	M	1.0	0.51	1.7	998310390
160524	TRANS-1,2-DICHLOROETHENE (TOTAL)	N		UG/L	20	100		Table 1	M	M	M	1.0	0.90	3.0	998310390
160524	TRANS-1,3-DICHLOROPROPENE	N		UG/L	0.04	0.4		Table 1	M	M	M	1.0	0.37	1.2	998310390
160524	TRIBROMOMETHANE	N		UG/L	0.44	4.4		Table 1	M	M	M	1.0	0.26	0.87	998310390
160524	TRICHLOROETHYLENE	N		UG/L	0.5	5		Table 1	M	M	M	1.0	0.46	1.5	998310390
160524	VINYL CHLORIDE	N		UG/L	0.02	0.2		Table 1	M	M	M	1.0	0.90	3.0	998310390
160524	VINYL CHLORIDE	N	0.013	UG/L	0.02	0.2		Table 1	M	M	M	0.020	0.004	0.013	998310390
160524	XYLENES-TOTAL	N		UG/L	400	2000		Table 1	M	M	M	2.0	0.66	2.2	998310390
<b>Sample Point: MW100 WDNR Point ID: 175</b>															
160524	GROUNDWATER ELEVATION		862.12	FT MSL											
<b>Sample Point: MW-22 WDNR Point ID: 060</b>															
160524	1,1,1-TRICHLOROETHANE	N		UG/L	40	200		Table 1	M	M	M	1.0	0.82	2.7	998310390
160524	1,1,2,2-TETRACHLOROETHANE	N		UG/L	0.02	0.2		Table 1	M	M	M	1.0	0.21	0.70	998310390
160524	1,1,2-TRICHLOROETHANE	N		UG/L	0.5	5		Table 1	M	M	M	1.0	0.23	0.77	998310390
160524	1,1-DICHLOROETHANE	N		UG/L	85	850		Table 1	M	M	M	1.0	0.38	1.3	998310390
160524	1,1-DICHLOROETHYLENE	N		UG/L	0.7	7		Table 1	M	M	M	1.0	0.29	0.97	998310390
160524	1,2,4-TRICHLOROBENZENE	N		UG/L	14	70		Table 1	M	M	M	1.0	0.41	1.4	998310390
160524	1,2-DIBROMO-3-CHLOROPROPANE	N		UG/L	0.02	0.2		Table 1	M	M	M	1.0	0.39	1.3	998310390

Hagen Farm Landfill

License Number: 02981  
Facility ID Number: 113176030

Sample Date	Parameter	Qualifier	Value	Units	ES	Type of Exceedance	Type of Standard	QC			WDNR			
								I	II	III	QC	QC	QC	RL
Sample Point: MW-22 WDNr Point ID: 060														
160524	1,2-DIBROMOETHANE (EDB)	N		UG/L	0.005	0.05	Table 1	M	M	M	1.0	0.73	2.4	998310390
160524	1,2-DICHLOROETHANE	N		UG/L	0.5	5	Table 1	M	M	M	1.0	0.21	0.70	998310390
160524	1,2-DICHLOROPROPANE	N		UG/L	0.5	5	Table 1	M	M	M	1.0	0.72	2.4	998310390
160524	2-HEXANONE	N		UG/L				M	M	M	5.0	1.2	4.1	998310390
160524	4-METHYL-2-PENTANONE (MIBK)	N		UG/L	50	500	Table 1	M	M	M	5.0	2.1	7.0	998310390
160524	ACETONE	N		UG/L	1800	9000	Table 1	M	M	M	10	3.0	10	998310390
160524	ALKALINITY-TOTAL AS CaCO3 (FILT)		446	MG/L				M	M	M	100	40.0	133	998310390
160524	BENZENE	N		UG/L	0.5	5	Table 1	M	M	M	1.0	0.41	1.4	998310390
160524	BROMODICHLOROMETHANE	N		UG/L	0.06	0.6	Table 1	M	M	M	1.0	0.39	1.3	998310390
160524	BROMOMETHANE	N		UG/L	1	10	Table 1	M	M	M	1.0	0.69	2.3	998310390
160524	CARBON DISULFIDE	N		UG/L	200	1000	Table 1	M	M	M	1.0	0.19	0.63	998310390
160524	CARBON TETRACHLORIDE	N		UG/L	0.5	5	Table 1	M	M	M	1.0	0.27	0.90	998310390
160524	CHLOROBENZENE	N		UG/L	20	100	Table 1	M	M	M	1.0	0.75	2.5	998310390
160524	CHLOROETHANE	N		UG/L	80	400	Table 1	M	M	M	1.0	0.32	1.1	998310390
160524	CHLOROFORM	N		UG/L	0.6	6	Table 1	M	M	M	1.0	0.34	1.1	998310390
160524	CHLOROMETHANE	N		UG/L	3	30	Table 1	M	M	M	1.0	0.35	1.2	998310390
160524	CIS-1,2-DICHLOROETHENE	N		UG/L	7	70	Table 1	M	M	M	1.0	0.81	2.7	998310390
160524	CIS-1,3-DICHLOROPROPENE	N		UG/L	0.04	0.4	Table 1	M	M	M	1.0	0.36	1.2	998310390
160524	DIBROMOCHLOROMETHANE	N		UG/L	6	60	Table 1	M	M	M	1.0	0.32	1.1	998310390
160524	DIBROMOMETHANE	N		UG/L				M	M	M	1.0	0.41	1.4	998310390
160524	DICHLORODIFLUOROMETHANE	N		UG/L	200	1000	Table 1	M	M	M	1.0	0.68	2.3	998310390
160524	DICHLOROMETHANE	N		UG/L	0.5	5	Table 1	M	M	M	1.0	0.44	1.5	998310390
160524	DISSOLVED OXYGEN, FIELD BY PROBE		5.7	MG/L				M	M	M	1.0	0.74	2.5	998310390
160524	ETHYLBENZENE	N		UG/L	140	700	Table 1	M	M	M	1.0	0.88	2.9	998310390
160524	FLUOROTRICHLOROMETHANE	N		UG/L	698	3490	Table 1	M	M	M				
160524	GROUNDWATER ELEVATION		859.92	FT MSL				M	M	M	0.030	0.019	0.064	998310390
160524	IRON-DISSOLVED AS FE	J	0.020	MG/L	0.15	0.3	Table 2	M	M	M	2.0	0.40	1.3	998310390
160524	MANGANESE-DISSOLVED AS MN		3.2	UG/L	60	300	Table 1	M	M	M	2.0	0.40	1.3	998310390
160524	MANGANESE-DISSOLVED AS MN		3.2	UG/L	25	50	Table 2	M	M	M	1.0	0.78	2.6	998310390
160524	M-DICHLOROBENZENE	N		UG/L	120	600	Table 1	M	M	M	10	1.3	4.4	998310390
160524	METHYL ETHYL KETONE (MEK)	N		UG/L	800	4000	Table 1	M	M	M	1.0	0.16	0.53	998310390
160524	METHYL TERT-BUTYL ETHER (MTBE)	N		UG/L	12	60	Table 1	M	M	M	1.0	0.43	1.4	998310390
160524	NAPHTHALENE	N		UG/L	10	100	Table 1	M	M	M	0.050	0.020	0.067	998310390
160524	NITRITE PLUS NITRATE-DISSOLVED AS N		0.078	MG/L AS N	2	10	Table 1	M	M	M				

Hagen Farm Landfill

Sample Date	Parameter	Qualifier	Value	Units	PAL	ES	Type of Exceedance	Type of Standard	QC			WDNR Lab Cert			
									I	II	III		RL	LOD	LOQ
<b>Sample Point: MW-22 WDNR Point ID: 060</b>															
160524	O-DICHLOROBENZENE	N		UG/L	60	600		Table 1	M	M	M	1.0	0.79	2.6	998310390
160524	OXIDATION REDUCTION POTENTIAL		243.0	MILLIVOLTS											
160524	P-DICHLOROBENZENE	N		UG/L	15	75		Table 1	M	M	M	1.0	0.84	2.8	998310390
160524	PH-FIELD		7.23	SU											
160524	SAMPLE COLOR	N		NONE											
160524	SAMPLE ODOR	N		NONE											
160524	SAMPLE TEMPERATURE		18.9	DEGREES C											
160524	SAMPLE TURBIDITY	N		NONE											
160524	SPECIFIC CONDUCTANCE-FIELD		662	UMHOS/CM											
160524	STYRENE	N		UG/L	10	100		Table 1	M	M	M	1.0	0.73	2.4	998310390
160524	SULFATE-DISSOLVED AS SO4		11.9	MG/L	125	250		Table 2	M	M	M	2.0	0.35	1.2	998310390
160524	TETRACHLOROETHYLENE	N		UG/L	0.5	5		Table 1	M	M	M	1.0	0.36	1.2	998310390
160524	TETRAHYDROFURAN	N		UG/L	10	50		Table 1	M	M	M	5.0	1.3	4.2	998310390
160524	TOLUENE	N		UG/L	160	800		Table 1	M	M	M	1.0	0.51	1.7	998310390
160524	TRANS-1,2-DICHLOROETHENE (TOTAL)	N		UG/L	20	100		Table 1	M	M	M	1.0	0.90	3.0	998310390
160524	TRANS-1,3-DICHLOROPROPENE	N		UG/L	0.04	0.4		Table 1	M	M	M	1.0	0.37	1.2	998310390
160524	TRIBROMOMETHANE	N		UG/L	0.44	4.4		Table 1	M	M	M	1.0	0.26	0.87	998310390
160524	TRICHLOROETHYLENE	N		UG/L	0.5	5		Table 1	M	M	M	1.0	0.46	1.5	998310390
160524	VINYL CHLORIDE	N		UG/L	0.02	0.2		Table 1	M	M	M	1.0	0.90	3.0	998310390
160524	VINYL CHLORIDE	N		UG/L	0.02	0.2		Table 1	M	M	M	0.020	0.004	0.013	998310390
160524	XYLENES-TOTAL	N		UG/L	400	2000		Table 1	M	M	M	2.0	0.66	2.2	998310390
<b>Sample Point: MW30 WDNR Point ID: 130</b>															
160524	GROUNDWATER ELEVATION		858.61	FT MSL											
<b>Sample Point: MW32 WDNR Point ID: 145</b>															
160524	GROUNDWATER ELEVATION		856.79	FT MSL											
<b>Sample Point: MW33 WDNR Point ID: 155</b>															
160524	GROUNDWATER ELEVATION		858.98	FT MSL											
<b>Sample Point: MW7 WDNR Point ID: 025</b>															
160524	1,1,1-TRICHLOROETHANE	N		UG/L	40	200		Table 1	M	M	M	1.0	0.82	2.7	998310390
160524	1,1,2,2-TETRACHLOROETHANE	N		UG/L	0.02	0.2		Table 1	M	M	M	1.0	0.21	0.70	998310390
160524	1,1,2-TRICHLOROETHANE	N		UG/L	0.5	5		Table 1	M	M	M	1.0	0.23	0.77	998310390
160524	1,1-DICHLOROETHANE	N		UG/L	85	850		Table 1	M	M	M	1.0	0.38	1.3	998310390



Hagen Farm Landfill

License Number: 02981  
 Facility ID Number: 113176030

Sample Date	Parameter	Sample Point: MW7	Qualifier	Value	Units	ES	Type of Exceedance	Type of Standard	QC			WDR			
									I	II	III	QC I	QC II	QC III	RL
160524	1,1-DICHLOROETHYLENE	WDNR Point ID: 025	N		UG/L	7	Table 1	Table 1	M	M	M	1.0	0.29	0.97	998310390
160524	1,2,4-TRICHLOROBENZENE		N		UG/L	70	Table 1	Table 1	M	M	M	1.0	0.41	1.4	998310390
160524	1,2-DIBROMO-3-CHLOROPROPANE		N		UG/L	0.2	Table 1	Table 1	M	M	M	1.0	0.39	1.3	998310390
160524	1,2-DIBROMOETHANE (EDB)		N		UG/L	0.05	Table 1	Table 1	M	M	M	1.0	0.73	2.4	998310390
160524	1,2-DICHLOROETHANE		N		UG/L	5	Table 1	Table 1	M	M	M	1.0	0.21	0.70	998310390
160524	1,2-DICHLOROPROPANE		N		UG/L	5	Table 1	Table 1	M	M	M	1.0	0.72	2.4	998310390
160524	2-HEXANONE		N		UG/L				M	M	M	5.0	1.2	4.1	998310390
160524	4-METHYL-2-PENTANONE (MIBK)		N		UG/L	500	Table 1	Table 1	M	M	M	5.0	2.1	7.0	998310390
160524	ACETONE		N		UG/L	1800	Table 1	Table 1	M	M	M	10	3.0	10	998310390
160524	BENZENE		N		UG/L	0.5	Table 1	Table 1	M	M	M	1.0	0.41	1.4	998310390
160524	BROMODICHLOROMETHANE		N		UG/L	0.6	Table 1	Table 1	M	M	M	1.0	0.39	1.3	998310390
160524	BROMOMETHANE		N		UG/L	1	Table 1	Table 1	M	M	M	1.0	0.69	2.3	998310390
160524	CARBON DISULFIDE		N		UG/L	1000	Table 1	Table 1	M	M	M	1.0	0.19	0.63	998310390
160524	CARBON TETRACHLORIDE		N		UG/L	5	Table 1	Table 1	M	M	M	1.0	0.27	0.90	998310390
160524	CHLOROBENZENE		N		UG/L	20	Table 1	Table 1	M	M	M	1.0	0.75	2.5	998310390
160524	CHLOROETHANE		N		UG/L	400	Table 1	Table 1	M	M	M	1.0	0.32	1.1	998310390
160524	CHLOROFORM		N		UG/L	6	Table 1	Table 1	M	M	M	1.0	0.34	1.1	998310390
160524	CHLOROMETHANE		N		UG/L	3	Table 1	Table 1	M	M	M	1.0	0.35	1.2	998310390
160524	CIS-1,2-DICHLOROETHENE		N		UG/L	7	Table 1	Table 1	M	M	M	1.0	0.81	2.7	998310390
160524	CIS-1,3-DICHLOROPROPENE		N		UG/L	0.4	Table 1	Table 1	M	M	M	1.0	0.36	1.2	998310390
160524	DIBROMOCHLOROMETHANE		N		UG/L	6	Table 1	Table 1	M	M	M	1.0	0.32	1.1	998310390
160524	DIBROMOMETHANE		N		UG/L				M	M	M	1.0	0.41	1.4	998310390
160524	DICHLORODIFLUOROMETHANE		N		UG/L	200	Table 1	Table 1	M	M	M	1.0	0.68	2.3	998310390
160524	DICHLOROMETHANE		N		UG/L	0.5	Table 1	Table 1	M	M	M	1.0	0.44	1.5	998310390
160524	DISSOLVED OXYGEN, FIELD BY PROBE			8.2	MG/L										
160524	ETHYLBENZENE		N		UG/L	140	Table 1	Table 1	M	M	M	1.0	0.74	2.5	998310390
160524	FLUOROTRICHLOROMETHANE		N		UG/L	698	Table 1	Table 1	M	M	M	1.0	0.88	2.9	998310390
160524	GROUNDWATER ELEVATION			859.58	FT MSL										
160524	M-DICHLOROBENZENE		N		UG/L	120	Table 1	Table 1	M	M	M	1.0	0.78	2.6	998310390
160524	METHYL ETHYL KETONE (MEK)		N		UG/L	800	Table 1	Table 1	M	M	M	10	1.3	4.4	998310390
160524	METHYL TERT-BUTYL ETHER (MTBE)		N		UG/L	12	Table 1	Table 1	M	M	M	1.0	0.16	0.53	998310390
160524	NAPHTHALENE		N		UG/L	10	Table 1	Table 1	M	M	M	1.0	0.43	1.4	998310390
160524	O-DICHLOROBENZENE		N		UG/L	60	Table 1	Table 1	M	M	M	1.0	0.79	2.6	998310390
160524	OXIDATION REDUCTION POTENTIAL			175	MILLIVOLTS										

Hagen Farm Landfill

Sample Date	Parameter	Sample Point	MW7	WdNR Point ID: 025	Qualifier	Value	Units	PAL	ES	Type of Exceedance	Type of Standard	QC			WDNR Lab Cert				
												I	II	III		RL	LOD	LOQ	
											Table 1	M	M	M	1.0	0.84	2.8	998310390	
160524	P-DICHLOROBENZENE				N		UG/L	15	75		Table 1	M	M	M	1.0	0.84	2.8	998310390	
160524	PH-FIELD				N	7.88	SU												
160524	SAMPLE COLOR				N		NONE												
160524	SAMPLE ODOR					0	NONE												
160524	SAMPLE TEMPERATURE					13.0	DEGREES C												
160524	SAMPLE TURBIDITY					0	NONE												
160524	SPECIFIC CONDUCTANCE-FIELD					400	UMHOS/CM												
160524	STYRENE				N		UG/L	10	100		Table 1	M	M	M	1.0	0.73	2.4	998310390	
160524	TETRACHLOROETHYLENE				N		UG/L	0.5	5		Table 1	M	M	M	1.0	0.36	1.2	998310390	
160524	TETRAHYDROFURAN				N		UG/L	10	50		Table 1	M	M	M	5.0	1.3	4.2	998310390	
160524	TOLUENE				N		UG/L	160	800		Table 1	M	M	M	1.0	0.51	1.7	998310390	
160524	TRANS-1,2-DICHLOROETHENE (TOTAL)				N		UG/L	20	100		Table 1	M	M	M	1.0	0.90	3.0	998310390	
160524	TRANS-1,3-DICHLOROPROPENE				N		UG/L	0.04	0.4		Table 1	M	M	M	1.0	0.37	1.2	998310390	
160524	TRIBROMOMETHANE				N		UG/L	0.44	4.4		Table 1	M	M	M	1.0	0.26	0.87	998310390	
160524	TRICHLOROETHYLENE				N		UG/L	0.5	5		Table 1	M	M	M	1.0	0.46	1.5	998310390	
160524	VINYL CHLORIDE				N		UG/L	0.02	0.2		Table 1	M	M	M	1.0	0.90	3.0	998310390	
160524	VINYL CHLORIDE				N		UG/L	0.02	0.2		Table 1	M	M	M	0.020	0.004	0.013	998310390	
160524	XYLENES-TOTAL				N		UG/L	400	2000		Table 1	M	M	M	2.0	0.66	2.2	998310390	

Sample Date	Parameter	Sample Point	OB8M	WdNR Point ID: 035	Qualifier	Value	Units	PAL	ES	Type of Exceedance	Type of Standard	QC			WDNR Lab Cert			
												I	II	III		RL	LOD	LOQ
											Table 1	M	M	M	1.0	0.82	2.7	998310390
160524	1,1,1-TRICHLOROETHANE				N		UG/L	40	200		Table 1	M	M	M	1.0	0.21	0.70	998310390
160524	1,1,2,2-TETRACHLOROETHANE				N		UG/L	0.02	0.2		Table 1	M	M	M	1.0	0.23	0.77	998310390
160524	1,1,2-TRICHLOROETHANE				N		UG/L	0.5	5		Table 1	M	M	M	1.0	0.38	1.3	998310390
160524	1,1-DICHLOROETHANE				N		UG/L	85	850		Table 1	M	M	M	1.0	0.29	0.97	998310390
160524	1,1-DICHLOROETHYLENE				N		UG/L	0.7	7		Table 1	M	M	M	1.0	0.41	1.4	998310390
160524	1,2,4-TRICHLOROBENZENE				N		UG/L	14	70		Table 1	M	M	M	1.0	0.39	1.3	998310390
160524	1,2-DIBROMO-3-CHLOROPROPANE				N		UG/L	0.02	0.2		Table 1	M	M	M	1.0	0.73	2.4	998310390
160524	1,2-DIBROMOETHANE (EDB)				N		UG/L	0.005	0.05		Table 1	M	M	M	1.0	0.21	0.70	998310390
160524	1,2-DICHLOROETHANE				N		UG/L	0.5	5		Table 1	M	M	M	1.0	0.72	2.4	998310390
160524	1,2-DICHLOROPROPANE				N		UG/L	0.5	5		Table 1	M	M	M	5.0	1.2	4.1	998310390
160524	2-HEXANONE				N		UG/L				Table 1	M	M	M	5.0	2.1	7.0	998310390
160524	4-METHYL-2-PENTANONE (MIBK)				N		UG/L	50	500		Table 1	M	M	M	10	3.0	10	998310390
160524	ACETONE				N		UG/L	1800	9000		Table 1	M	M	M	50.0	20.0	66.7	998310390
160524	ALKALINITY-TOTAL AS CaCO3 (FIL-T)				N	415	MG/L				Table 1	M	M	M	1.0	0.41	1.4	998310390
160524	BENZENE				N		UG/L	0.5	5		Table 1	M	M	M	1.0	0.41	1.4	998310390

Hagen Farm Landfill

License Number: 02981  
 Facility ID Number: 113176030

Sample Date	Parameter	Qualifier	Value	Units	ES	Type of Exceedance	Type of Standard	QC			WDNR			
								I	II	III	I	II	III	RL
Sample Point: OB8M WDNr Point ID: 035														
160524	BROMODICHLOROMETHANE	N		UG/L	0.06	0.6	Table 1	M	M	M	1.0	0.39	1.3	998310390
160524	BROMOMETHANE	N		UG/L	1	10	Table 1	M	M	M	1.0	0.69	2.3	998310390
160524	CARBON DISULFIDE	N		UG/L	200	1000	Table 1	M	M	M	1.0	0.19	0.63	998310390
160524	CARBON TETRACHLORIDE	N		UG/L	0.5	5	Table 1	M	M	M	1.0	0.27	0.90	998310390
160524	CHLOROBENZENE	N		UG/L	20	100	Table 1	M	M	M	1.0	0.75	2.5	998310390
160524	CHLOROETHANE	N		UG/L	80	400	Table 1	M	M	M	1.0	0.32	1.1	998310390
160524	CHLOROFORM	N		UG/L	0.6	6	Table 1	M	M	M	1.0	0.34	1.1	998310390
160524	CHLOROMETHANE	N		UG/L	3	30	Table 1	M	M	M	1.0	0.35	1.2	998310390
160524	CIS-1,2-DICHLOROETHENE	N		UG/L	7	70	Table 1	M	M	M	1.0	0.81	2.7	998310390
160524	CIS-1,3-DICHLOROPROPENE	N		UG/L	0.04	0.4	Table 1	M	M	M	1.0	0.36	1.2	998310390
160524	DIBROMOCHLOROMETHANE	N		UG/L	6	60	Table 1	M	M	M	1.0	0.32	1.1	998310390
160524	DIBROMOMETHANE	N		UG/L				M	M	M	1.0	0.41	1.4	998310390
160524	DICHLORODIFLUOROMETHANE	N		UG/L	200	1000	Table 1	M	M	M	1.0	0.68	2.3	998310390
160524	DICHLOROMETHANE	N		UG/L	0.5	5	Table 1	M	M	M	1.0	0.44	1.5	998310390
160524	DISSOLVED OXYGEN, FIELD BY PROBE		7.5	MG/L										
160524	ETHYLBENZENE	N		UG/L	140	700	Table 1	M	M	M	1.0	0.74	2.5	998310390
160524	FLUOROTRICHLOROMETHANE	N		UG/L	698	3490	Table 1	M	M	M	1.0	0.88	2.9	998310390
160524	GROUNDWATER ELEVATION		854.30	FT MSL										
160524	IRON-DISSOLVED AS FE		0.21	MG/L	0.15	0.3	Table 2	M	M	M	0.030	0.019	0.064	998310390
160524	MANGANESE-DISSOLVED AS MN		156	UG/L	60	300	Table 1	M	M	M	2.0	0.40	1.3	998310390
160524	MANGANESE-DISSOLVED AS MN		156	UG/L	25	50	Table 2	M	M	M	2.0	0.40	1.3	998310390
160524	M-DICHLOROBENZENE	N		UG/L	120	600	Table 1	M	M	M	1.0	0.78	2.6	998310390
160524	METHYLETHYL KETONE (MEK)	N		UG/L	800	4000	Table 1	M	M	M	1.0	1.3	4.4	998310390
160524	METHYL TERT-BUTYL ETHER (MTBE)	N		UG/L	12	60	Table 1	M	M	M	1.0	0.16	0.53	998310390
160524	NAPHTHALENE	N		UG/L	10	100	Table 1	M	M	M	1.0	0.43	1.4	998310390
160524	NITRITE PLUS NITRATE-DISSOLVED AS N		1.9	MG/L AS N	2	10	Table 1	M	M	M	0.050	0.020	0.067	998310390
160524	O-DICHLOROBENZENE	N		UG/L	60	600	Table 1	M	M	M	1.0	0.79	2.6	998310390
160524	OXIDATION REDUCTION POTENTIAL		192.0	MILLIVOLTS										
160524	P-DICHLOROBENZENE	N		UG/L	15	75	Table 1	M	M	M	1.0	0.84	2.8	998310390
160524	PH-FIELD		7.64	SU										
160524	SAMPLE COLOR	N		NONE										
160524	SAMPLE ODOR	N		NONE										
160524	SAMPLE TEMPERATURE		12.9	DEGREES C										
160524	SAMPLE TURBIDITY	N		NONE										

Hagen Farm Landfill

License Number: 02981  
Facility ID Number: 113176030

Sample Date	Parameter	Qualifier	Value	Units	PAL	ES	Type of Exceedance	Type of Standard	QC			WDNR			
									I	II	III	RL	LOD	LOQ	Lab Cert
Sample Point: OB8M WDNR Point ID: 035															
160524	SPECIFIC CONDUCTANCE-FIELD		881	UMHOS/CM				Table 1	M	M	M	1.0	0.73	2.4	998310390
160524	STYRENE	N		UG/L	10	100		Table 2	M	M	M	2.0	0.35	1.2	998310390
160524	SULFATE-DISSOLVED AS SO4	N	28.3	MG/L	125	250		Table 1	M	M	M	1.0	0.36	1.2	998310390
160524	TETRACHLOROETHYLENE	N		UG/L	0.5	5		Table 1	M	M	M	5.0	1.3	4.2	998310390
160524	TETRAHYDROFURAN	N		UG/L	10	50		Table 1	M	M	M	1.0	0.51	1.7	998310390
160524	TOLUENE	N		UG/L	160	800		Table 1	M	M	M	1.0	0.90	3.0	998310390
160524	TRANS-1,2-DICHLOROETHENE (TOTAL)	N		UG/L	20	100		Table 1	M	M	M	1.0	0.37	1.2	998310390
160524	TRANS-1,3-DICHLOROPROPENE	N		UG/L	0.04	0.4		Table 1	M	M	M	1.0	0.26	0.87	998310390
160524	TRIBROMOMETHANE	N		UG/L	0.44	4.4		Table 1	M	M	M	1.0	0.46	1.5	998310390
160524	TRICHLOROETHYLENE	N		UG/L	0.5	5		Table 1	M	M	M	0.020	0.004	0.013	998310390
160524	VINYL CHLORIDE	N	0.78	UG/L	0.02	0.2	E	Table 1	M	M	M	1.0	0.90	3.0	998310390
160524	VINYL CHLORIDE	N		UG/L	0.02	0.2		Table 1	M	M	M	1.0	0.90	3.0	998310390
160524	XYLENES-TOTAL	N		UG/L	400	2000		Table 1	M	M	M	2.0	0.66	2.2	998310390

Sample Point: OBS-1A WDNR Point ID: 010															
160524	1,1,1-TRICHLOROETHANE	N		UG/L	40	200		Table 1	M	M	M	1.0	0.82	2.7	998310390
160524	1,1,2,2-TETRACHLOROETHANE	N		UG/L	0.02	0.2		Table 1	M	M	M	1.0	0.21	0.70	998310390
160524	1,1,2-TRICHLOROETHANE	N		UG/L	0.5	5		Table 1	M	M	M	1.0	0.23	0.77	998310390
160524	1,1-DICHLOROETHANE	N		UG/L	85	850		Table 1	M	M	M	1.0	0.38	1.3	998310390
160524	1,1-DICHLOROETHYLENE	N		UG/L	0.7	7		Table 1	M	M	M	1.0	0.29	0.97	998310390
160524	1,2,4-TRICHLOROBENZENE	N		UG/L	14	70		Table 1	M	M	M	1.0	0.41	1.4	998310390
160524	1,2-DIBROMO-3-CHLOROPROPANE	N		UG/L	0.02	0.2		Table 1	M	M	M	1.0	0.39	1.3	998310390
160524	1,2-DIBROMOETHANE (EDB)	N		UG/L	0.005	0.05		Table 1	M	M	M	1.0	0.73	2.4	998310390
160524	1,2-DICHLOROETHANE	N		UG/L	0.5	5		Table 1	M	M	M	1.0	0.21	0.70	998310390
160524	1,2-DICHLOROPROPANE	N		UG/L	0.5	5		Table 1	M	M	M	1.0	0.72	2.4	998310390
160524	2-HEXANONE	N		UG/L				Table 1	M	M	M	5.0	1.2	4.1	998310390
160524	4-METHYL-2-PENTANONE (MIBK)	N		UG/L	50	500		Table 1	M	M	M	5.0	2.1	7.0	998310390
160524	ACETONE	N		UG/L	1800	9000		Table 1	M	M	M	10	3.0	10	998310390
160524	ALKALINITY-TOTAL AS CaCO3 (FILT)		277	MG/L				Table 1	M	M	M	50.0	20.0	66.7	998310390
160524	BENZENE	N		UG/L	0.5	5		Table 1	M	M	M	1.0	0.41	1.4	998310390
160524	BROMODICHLOROMETHANE	N		UG/L	0.06	0.6		Table 1	M	M	M	1.0	0.39	1.3	998310390
160524	BROMOMETHANE	N		UG/L	1	10		Table 1	M	M	M	1.0	0.69	2.3	998310390
160524	CARBON DISULFIDE	N		UG/L	200	1000		Table 1	M	M	M	1.0	0.19	0.63	998310390
160524	CARBON TETRACHLORIDE	N		UG/L	0.5	5		Table 1	M	M	M	1.0	0.27	0.90	998310390
160524	CHLOROBENZENE	N		UG/L	20	100		Table 1	M	M	M	1.0	0.75	2.5	998310390

Hagen Farm Landfill

License Number: 02981  
 Facility ID Number: 113176030

Sample Date	Parameter	Qualifier	Value	Units	PAL	ES	Type of Exceedance	Type of Standard	QC			WDRN Lab Cert			
									I	II	III		RL	LOD	LOQ
Sample Point: OBS-1A WDRN Point ID: 010															
160524	CHLOROETHANE	N		UG/L	80	400	Table 1	Table 1	M	M	M	1.0	0.32	1.1	998310390
160524	CHLOROFORM	N		UG/L	0.6	6	Table 1	Table 1	M	M	M	1.0	0.34	1.1	998310390
160524	CHLOROMETHANE	N		UG/L	3	30	Table 1	Table 1	M	M	M	1.0	0.35	1.2	998310390
160524	CIS-1,2-DICHLOROETHENE	N		UG/L	7	70	Table 1	Table 1	M	M	M	1.0	0.81	2.7	998310390
160524	CIS-1,3-DICHLOROPROPENE	N		UG/L	0.04	0.4	Table 1	Table 1	M	M	M	1.0	0.36	1.2	998310390
160524	DIBROMOCHLOROMETHANE	N		UG/L	6	60	Table 1	Table 1	M	M	M	1.0	0.32	1.1	998310390
160524	DIBROMOMETHANE	N		UG/L					M	M	M	1.0	0.41	1.4	998310390
160524	DICHLORODIFLUOROMETHANE	N		UG/L	200	1000	Table 1	Table 1	M	M	M	1.0	0.68	2.3	998310390
160524	DICHLOROMETHANE	N		UG/L	0.5	5	Table 1	Table 1	M	M	M	1.0	0.44	1.5	998310390
160524	DISSOLVED OXYGEN, FIELD BY PROBE		7.4	MG/L											
160524	ETHYLBENZENE	N		UG/L	140	700	Table 1	Table 1	M	M	M	1.0	0.74	2.5	998310390
160524	FLUOROTRICHLOROMETHANE	N		UG/L	698	3490	Table 1	Table 1	M	M	M	1.0	0.88	2.9	998310390
160524	GROUNDWATER ELEVATION		858.85	FT MSL											
160524	IRON-DISSOLVED AS FE	N		MG/L	0.15	0.3	Table 2	Table 2	M	M	M	0.030	0.019	0.064	998310390
160524	MANGANESE-DISSOLVED AS MN	J	0.69	UG/L	60	300	Table 1	Table 1	M	M	M	2.0	0.40	1.3	998310390
160524	MANGANESE-DISSOLVED AS MN	J	0.69	UG/L	25	50	Table 2	Table 2	M	M	M	2.0	0.40	1.3	998310390
160524	M-DICHLOROBENZENE	N		UG/L	120	600	Table 1	Table 1	M	M	M	1.0	0.78	2.6	998310390
160524	METHYL ETHYL KETONE (MEK)	N		UG/L	800	4000	Table 1	Table 1	M	M	M	1.0	1.3	4.4	998310390
160524	METHYL TERT-BUTYL ETHER (MTBE)	N		UG/L	12	60	Table 1	Table 1	M	M	M	1.0	0.16	0.53	998310390
160524	NAPHTHALENE	N		UG/L	10	100	Table 1	Table 1	M	M	M	1.0	0.43	1.4	998310390
160524	NITRITE PLUS NITRATE-DISSOLVED AS N	N	0.48	MG/L AS N	2	10	Table 1	Table 1	M	M	M	0.050	0.020	0.067	998310390
160524	O-DICHLOROBENZENE	N		UG/L	60	600	Table 1	Table 1	M	M	M	1.0	0.79	2.6	998310390
160524	OXIDATION REDUCTION POTENTIAL		-265.0	MILLIVOLTS											
160524	P-DICHLOROBENZENE	N		UG/L	15	75	Table 1	Table 1	M	M	M	1.0	0.84	2.8	998310390
160524	PH-FIELD		7.67	SU											
160524	SAMPLE COLOR	N		NONE											
160524	SAMPLE ODOR	N		NONE											
160524	SAMPLE TEMPERATURE	N	16.5	DEGREES C											
160524	SAMPLE TURBIDITY	N		NONE											
160524	SPECIFIC CONDUCTANCE-FIELD		474	UMHOS/CM											
160524	STYRENE	N		UG/L	10	100	Table 1	Table 1	M	M	M	1.0	0.73	2.4	998310390
160524	SULFATE-DISSOLVED AS SO4	N	4.2	MG/L	125	250	Table 2	Table 2	M	M	M	2.0	0.35	1.2	998310390
160524	TETRACHLOROETHYLENE	N		UG/L	0.5	5	Table 1	Table 1	M	M	M	1.0	0.36	1.2	998310390
160524	TETRAHYDROFURAN	N		UG/L	10	50	Table 1	Table 1	M	M	M	5.0	1.3	4.2	998310390

Hagen Farm Landfill

Sample Date	Parameter	Sample Point: OBS-1A	WDR Point ID: 010	Qualifier	Value	Units	PAL	ES	Type of Exceedance	Type of Standard	QC			WDR			
											I	II	III	RL	LOD	LOQ	Lab
160524	TOLUENE			N		UG/L	160	800		Table 1	M	M	M	1.0	0.51	1.7	998310390
160524	TRANS-1,2-DICHLOROETHENE (TOTAL)			N		UG/L	20	100		Table 1	M	M	M	1.0	0.90	3.0	998310390
160524	TRANS-1,3-DICHLOROPROPENE			N		UG/L	0.04	0.4		Table 1	M	M	M	1.0	0.37	1.2	998310390
160524	TRIBROMOMETHANE			N		UG/L	0.44	4.4		Table 1	M	M	M	1.0	0.26	0.87	998310390
160524	TRICHLOROETHYLENE			N		UG/L	0.5	5		Table 1	M	M	M	1.0	0.46	1.5	998310390
160524	VINYL CHLORIDE			N		UG/L	0.02	0.2		Table 1	M	M	M	1.0	0.90	3.0	998310390
160524	VINYL CHLORIDE			N		UG/L	0.02	0.2		Table 1	M	M	M	0.020	0.004	0.013	998310390
160524	XYLENES-TOTAL			N		UG/L	400	2000		Table 1	M	M	M	2.0	0.66	2.2	998310390

Sample Date	Parameter	Sample Point: OBS-1B	WDR Point ID: 015	Qualifier	Value	Units	PAL	ES	Type of Exceedance	Type of Standard	QC			WDR			
											I	II	III	RL	LOD	LOQ	Lab
160524	1,1,1-TRICHLOROETHANE			N		UG/L	40	200		Table 1	M	M	M	1.0	0.82	2.7	998310390
160524	1,1,2,2-TETRACHLOROETHANE			N		UG/L	0.02	0.2		Table 1	M	M	M	1.0	0.21	0.70	998310390
160524	1,1,2-TRICHLOROETHANE			N		UG/L	0.5	5		Table 1	M	M	M	1.0	0.23	0.77	998310390
160524	1,1-DICHLOROETHANE			N		UG/L	85	850		Table 1	M	M	M	1.0	0.38	1.3	998310390
160524	1,1-DICHLOROETHYLENE			N		UG/L	0.7	7		Table 1	M	M	M	1.0	0.29	0.97	998310390
160524	1,2,4-TRICHLOROBENZENE			N		UG/L	14	70		Table 1	M	M	M	1.0	0.41	1.4	998310390
160524	1,2-DIBROMO-3-CHLOROPROPANE			N		UG/L	0.02	0.2		Table 1	M	M	M	1.0	0.39	1.3	998310390
160524	1,2-DIBROMOETHANE (EDB)			N		UG/L	0.005	0.05		Table 1	M	M	M	1.0	0.73	2.4	998310390
160524	1,2-DICHLOROETHANE			N		UG/L	0.5	5		Table 1	M	M	M	1.0	0.21	0.70	998310390
160524	1,2-DICHLOROPROPANE			N		UG/L	0.5	5		Table 1	M	M	M	1.0	0.72	2.4	998310390
160524	2-HEXANONE			N		UG/L				Table 1	M	M	M	5.0	1.2	4.1	998310390
160524	4-METHYL-2-PENTANONE (MIBK)			N		UG/L	50	500		Table 1	M	M	M	5.0	2.1	7.0	998310390
160524	ACETONE			N		UG/L	1800	9000		Table 1	M	M	M	10	3.0	10	998310390
160524	ALKALINITY-TOTAL AS CaCO3 (FILT)			N	423	MG/L				Table 1	M	M	M	50.0	20.0	66.7	998310390
160524	BENZENE			N		UG/L	0.5	5		Table 1	M	M	M	1.0	0.41	1.4	998310390
160524	BROMODICHLOROMETHANE			N		UG/L	0.06	0.6		Table 1	M	M	M	1.0	0.39	1.3	998310390
160524	BROMOMETHANE			N		UG/L	1	10		Table 1	M	M	M	1.0	0.69	2.3	998310390
160524	CARBON DISULFIDE			N		UG/L	200	1000		Table 1	M	M	M	1.0	0.19	0.63	998310390
160524	CARBON TETRACHLORIDE			N		UG/L	0.5	5		Table 1	M	M	M	1.0	0.27	0.90	998310390
160524	CHLOROBENZENE			N		UG/L	20	100		Table 1	M	M	M	1.0	0.75	2.5	998310390
160524	CHLOROETHANE			N		UG/L	80	400		Table 1	M	M	M	1.0	0.32	1.1	998310390
160524	CHLOROFORM			N		UG/L	0.6	6		Table 1	M	M	M	1.0	0.34	1.1	998310390
160524	CHLOROMETHANE			N		UG/L	3	30		Table 1	M	M	M	1.0	0.35	1.2	998310390
160524	CIS-1,2-DICHLOROETHENE			N		UG/L	7	70		Table 1	M	M	M	1.0	0.81	2.7	998310390
160524	CIS-1,3-DICHLOROPROPENE			N		UG/L	0.04	0.4		Table 1	M	M	M	1.0	0.36	1.2	998310390

Hagen Farm Landfill

License Number: 02981  
 Facility ID Number: 113176030

Sample Date	Parameter	Qualifier	Value	Units	PAL	ES	Type of Exceedance	Type of Standard	QC			WDNR Lab Cert
									I	II	III	
Sample Point: OBS-1B WDNR Point ID: 015												
160524	DIBROMOCHLOROMETHANE	N		UG/L	6	60		Table 1	M	M	M	1.1 998310390
160524	DIBROMOMETHANE	N		UG/L					M	M	M	1.0 0.32 1.1 998310390
160524	DICHLORODIFLUOROMETHANE	N		UG/L	200	1000		Table 1	M	M	M	1.0 0.41 1.4 998310390
160524	DICHLOROMETHANE	N		UG/L	0.5	5		Table 1	M	M	M	1.0 0.68 2.3 998310390
160524	DISSOLVED OXYGEN, FIELD BY PROBE		11.3	MG/L					M	M	M	1.0 0.44 1.5 998310390
160524	ETHYLBENZENE	N		UG/L	140	700		Table 1	M	M	M	1.0 0.74 2.5 998310390
160524	FLUOROTRICHLOROMETHANE	N		UG/L	698	3490		Table 1	M	M	M	1.0 0.88 2.9 998310390
160524	GROUNDWATER ELEVATION		859.27	FT MSL								
160524	IRON-DISSOLVED AS FE	N		MG/L	0.15	0.3		Table 2	M	M	M	0.030 0.019 0.064 998310390
160524	MANGANESE-DISSOLVED AS MN	J	0.93	UG/L	60	300		Table 1	M	M	M	2.0 0.40 1.3 998310390
160524	MANGANESE-DISSOLVED AS MN	J	0.93	UG/L	25	50		Table 2	M	M	M	2.0 0.40 1.3 998310390
160524	M-DICHLOROBENZENE	N		UG/L	120	600		Table 1	M	M	M	1.0 0.78 2.6 998310390
160524	METHYL ETHYL KETONE (MEK)	N		UG/L	800	4000		Table 1	M	M	M	10 1.3 4.4 998310390
160524	METHYL TERT-BUTYL ETHER (MTBE)	N		UG/L	12	60		Table 1	M	M	M	1.0 0.16 0.53 998310390
160524	NAPHTHALENE	N		UG/L	10	100		Table 1	M	M	M	1.0 0.43 1.4 998310390
160524	NITRITE PLUS NITRATE-DISSOLVED AS N		0.38	MG/L AS N	2	10		Table 1	M	M	M	0.050 0.020 0.067 998310390
160524	O-DICHLOROBENZENE	N		UG/L	60	600		Table 1	M	M	M	1.0 0.79 2.6 998310390
160524	OXIDATION REDUCTION POTENTIAL		291.0	MILLIVOLTS								
160524	P-DICHLOROBENZENE	N		UG/L	15	75		Table 1	M	M	M	1.0 0.84 2.8 998310390
160524	PH-FIELD		7.81	SU								
160524	SAMPLE COLOR	N		NONE								
160524	SAMPLE ODOR	N		NONE								
160524	SAMPLE TEMPERATURE		16.7	DEGREES C								
160524	SAMPLE TURBIDITY	N		NONE								
160524	SPECIFIC CONDUCTANCE-FIELD		830	UMHOS/CM								
160524	STYRENE	N		UG/L	10	100		Table 1	M	M	M	1.0 0.73 2.4 998310390
160524	SULFATE-DISSOLVED AS SO4		30.8	MG/L	125	250		Table 2	M	M	M	2.0 0.35 1.2 998310390
160524	TETRACHLOROETHYLENE	N		UG/L	0.5	5		Table 1	M	M	M	1.0 0.36 1.2 998310390
160524	TETRAHYDROFURAN	N		UG/L	10	50		Table 1	M	M	M	5.0 1.3 4.2 998310390
160524	TOLUENE	N		UG/L	160	800		Table 1	M	M	M	1.0 0.51 1.7 998310390
160524	TRANS-1,2-DICHLOROETHENE (TOTAL)	N		UG/L	20	100		Table 1	M	M	M	1.0 0.90 3.0 998310390
160524	TRANS-1,3-DICHLOROPROPENE	N		UG/L	0.04	0.4		Table 1	M	M	M	1.0 0.37 1.2 998310390
160524	TRIBROMOMETHANE	N		UG/L	0.44	4.4		Table 1	M	M	M	1.0 0.26 0.87 998310390
160524	TRICHLOROETHYLENE	N		UG/L	0.5	5		Table 1	M	M	M	1.0 0.46 1.5 998310390

Hagen Farm Landfill

Sample Date	Parameter	Sample Point	OBS-IB	WDR Point ID:	OBS-1B	WDR Point ID:	Qualifier	Value	Units	PAL	ES	Type of Exceedance	Type of Standard	QC			WDNR			
														I	II	III	RL	LOD	LOQ	Lab
Sample Point: OBS-1B WDR Point ID: 015														M	M	M	0.020	0.004	0.013	998310390
160524	VINYL CHLORIDE			N				UG/L	0.02	0.2		Table 1	M	M	M	1.0	0.90	3.0	998310390	
160524	VINYL CHLORIDE			N				UG/L	0.02	0.2		Table 1	M	M	M	2.0	0.66	2.2	998310390	
160524	XYLENES-TOTAL			N				UG/L	400	2000		Table 1	M	M	M	1.0	0.82	2.7	998310390	
Sample Point: OBS-1C WDR Point ID: 017														M	M	M	1.0	0.21	0.70	998310390
160524	1,1,1-TRICHLOROETHANE			N				UG/L	40	200		Table 1	M	M	M	1.0	0.23	0.77	998310390	
160524	1,1,2,2-TETRACHLOROETHANE			N				UG/L	0.02	0.2		Table 1	M	M	M	1.0	0.38	1.3	998310390	
160524	1,1,2-TRICHLOROETHANE			N				UG/L	0.5	5		Table 1	M	M	M	1.0	0.29	0.97	998310390	
160524	1,1-DICHLOROETHANE			N				UG/L	85	850		Table 1	M	M	M	1.0	0.41	1.4	998310390	
160524	1,1-DICHLOROETHYLENE			N				UG/L	0.7	7		Table 1	M	M	M	1.0	0.39	1.3	998310390	
160524	1,2,4-TRICHLOROBENZENE			N				UG/L	14	70		Table 1	M	M	M	1.0	0.73	2.4	998310390	
160524	1,2-DIBROMO-3-CHLOROPROPANE			N				UG/L	0.02	0.2		Table 1	M	M	M	1.0	0.21	0.70	998310390	
160524	1,2-DIBROMOETHANE (EDB)			N				UG/L	0.005	0.05		Table 1	M	M	M	1.0	0.72	2.4	998310390	
160524	1,2-DICHLOROETHANE			N				UG/L	0.5	5		Table 1	M	M	M	5.0	1.2	4.1	998310390	
160524	1,2-DICHLOROPROPANE			N				UG/L	0.5	5		Table 1	M	M	M	5.0	2.1	7.0	998310390	
160524	2-HEXANONE			N				UG/L	50	500		Table 1	M	M	M	10	3.0	10	998310390	
160524	4-METHYL-2-PENTANONE (MIBK)			N				UG/L	1800	9000		Table 1	M	M	M	100	40.0	133	998310390	
160524	ACETONE			N			518	MG/L				Table 1	M	M	M	1.0	0.41	1.4	998310390	
160524	ALKALINITY-TOTAL AS CaCO3 (FILTR)			N				UG/L	0.5	5		Table 1	M	M	M	1.0	0.39	1.3	998310390	
160524	BENZENE			N				UG/L	0.06	0.6		Table 1	M	M	M	1.0	0.69	2.3	998310390	
160524	BROMODICHLOROMETHANE			N				UG/L	1	10		Table 1	M	M	M	1.0	0.19	0.63	998310390	
160524	BROMOMETHANE			N				UG/L	200	1000		Table 1	M	M	M	1.0	0.27	0.90	998310390	
160524	CARBON DISULFIDE			N				UG/L	0.5	5		Table 1	M	M	M	1.0	0.75	2.5	998310390	
160524	CARBON TETRACHLORIDE			N				UG/L	20	100		Table 1	M	M	M	1.0	0.32	1.1	998310390	
160524	CHLOROBENZENE			N				UG/L	80	400		Table 1	M	M	M	1.0	0.34	1.1	998310390	
160524	CHLOROETHANE			N				UG/L	0.6	6		Table 1	M	M	M	1.0	0.35	1.2	998310390	
160524	CHLOROFORM			N				UG/L	3	30		Table 1	M	M	M	1.0	0.81	2.7	998310390	
160524	CHLOROMETHANE			N				UG/L	7	70		Table 1	M	M	M	1.0	0.36	1.2	998310390	
160524	CIS-1,2-DICHLOROETHENE			N				UG/L	0.04	0.4		Table 1	M	M	M	1.0	0.32	1.1	998310390	
160524	CIS-1,3-DICHLOROPROPENE			N				UG/L	6	60		Table 1	M	M	M	1.0	0.41	1.4	998310390	
160524	DIBROMOCHLOROMETHANE			N				UG/L				Table 1	M	M	M	1.0	0.68	2.3	998310390	
160524	DIBROMOMETHANE			N				UG/L	200	1000		Table 1	M	M	M	1.0	0.44	1.5	998310390	
160524	DICHLORODIFLUOROMETHANE			N				UG/L	0.5	5		Table 1	M	M	M					
160524	DICHLOROMETHANE			N				UG/L				Table 1	M	M	M					
160524	DISSOLVED OXYGEN, FIELD BY PROBE			N			10.3	MG/L												



Hagen Farm Landfill

License Number: 02981  
Facility ID Number: 113176030

Sample Date	Parameter	Qualifier	Value	Units	PAL	ES	Type of Exceedance	Type of Standard	QC			WDNR			
									I	II	III	RL	LOD	LOQ	Lab Cert
Sample Point: OBS-1C WDNR Point ID: 017															
160524	ETHYLBENZENE	N		UG/L	140	700		Table 1	M	M	M	1.0	0.74	2.5	998310390
160524	FLUOROTRICHLOROMETHANE	N		UG/L	698	3490		Table 1	M	M	M	1.0	0.88	2.9	998310390
160524	GROUNDWATER ELEVATION		859.23	FT MSL											
160524	IRON-DISSOLVED AS FE	N		MG/L	0.15	0.3		Table 2	M	M	M	0.030	0.019	0.064	998310390
160524	MANGANESE-DISSOLVED AS MN	J	0.91	UG/L	60	300		Table 1	M	M	M	2.0	0.40	1.3	998310390
160524	MANGANESE-DISSOLVED AS MN	J	0.91	UG/L	25	50		Table 2	M	M	M	2.0	0.40	1.3	998310390
160524	M-DICHLOROBENZENE	N		UG/L	120	600		Table 1	M	M	M	1.0	0.78	2.6	998310390
160524	METHYLETHYL KETONE (MEK)	N		UG/L	800	4000		Table 1	M	M	M	10	1.3	4.4	998310390
160524	METHYL TERT-BUTYL ETHER (MTBE)	N		UG/L	12	60		Table 1	M	M	M	1.0	0.16	0.53	998310390
160524	NAPHTHALENE	N		UG/L	10	100		Table 1	M	M	M	1.0	0.43	1.4	998310390
160524	NITRITE PLUS NITRATE-DISSOLVED AS N	N	0.11	MG/L AS N	2	10		Table 1	M	M	M	0.050	0.020	0.067	998310390
160524	O-DICHLOROBENZENE	N		UG/L	60	600		Table 1	M	M	M	1.0	0.79	2.6	998310390
160524	OXIDATION REDUCTION POTENTIAL		178.0	MILLIVOLTS											
160524	P-DICHLOROBENZENE	N		UG/L	15	75		Table 1	M	M	M	1.0	0.84	2.8	998310390
160524	PH-FIELD		7.80	SU											
160524	SAMPLE COLOR	N		NONE											
160524	SAMPLE ODOR	N		NONE											
160524	SAMPLE TEMPERATURE		18.3	DEGREES C											
160524	SAMPLE TURBIDITY	N		NONE											
160524	SPECIFIC CONDUCTANCE-FIELD		825	UMHOS/CM											
160524	STYRENE	N		UG/L	10	100		Table 1	M	M	M	1.0	0.73	2.4	998310390
160524	SULFATE-DISSOLVED AS SO4		18.6	MG/L	125	250		Table 2	M	M	M	2.0	0.35	1.2	998310390
160524	TETRACHLOROETHYLENE	N		UG/L	0.5	5		Table 1	M	M	M	1.0	0.36	1.2	998310390
160524	TETRAHYDROFURAN	N		UG/L	10	50		Table 1	M	M	M	5.0	1.3	4.2	998310390
160524	TOLUENE	N		UG/L	160	800		Table 1	M	M	M	1.0	0.51	1.7	998310390
160524	TRANS-1,2-DICHLOROETHENE (TOTAL)	N		UG/L	20	100		Table 1	M	M	M	1.0	0.90	3.0	998310390
160524	TRANS-1,3-DICHLOROPROPENE	N		UG/L	0.04	0.4		Table 1	M	M	M	1.0	0.37	1.2	998310390
160524	TRIBROMOMETHANE	N		UG/L	0.44	4.4		Table 1	M	M	M	1.0	0.26	0.87	998310390
160524	TRICHLOROETHYLENE	N		UG/L	0.5	5		Table 1	M	M	M	1.0	0.46	1.5	998310390
160524	VINYL CHLORIDE	N		UG/L	0.02	0.2		Table 1	M	M	M	1.0	0.90	3.0	998310390
160524	VINYL CHLORIDE	N		UG/L	0.02	0.2		Table 1	M	M	M	0.020	0.004	0.013	998310390
160524	XYLENES-TOTAL	N		UG/L	400	2000		Table 1	M	M	M	2.0	0.66	2.2	998310390
Sample Point: OBS-2C WDNR Point ID: 022															
160524	1,1,1-TRICHLOROETHANE	N		UG/L	40	200		Table 1	M	M	M	1.0	0.82	2.7	998310390

Hagen Farm Landfill

Sample Date	Parameter	Qualifier	Value	Units	PAL	ES	Type of Exceedance	Type of Standard	QC			WDNR				
									I	II	III	RL	LOD	LOQ	Lab Cert	
Sample Point: OBS-2C WDNR Point ID: 022																
160524	1,1,2,2-TETRACHLOROETHANE	N		UG/L	0.02	0.2	Table 1	Table 1	M	M	M	1.0	0.21	0.70	998310390	
160524	1,1,2-TRICHLOROETHANE	N		UG/L	0.5	5	Table 1	Table 1	M	M	M	1.0	0.23	0.77	998310390	
160524	1,1-DICHLOROETHANE	N		UG/L	85	850	Table 1	Table 1	M	M	M	1.0	0.38	1.3	998310390	
160524	1,1-DICHLOROETHYLENE	N		UG/L	0.7	7	Table 1	Table 1	M	M	M	1.0	0.29	0.97	998310390	
160524	1,1-DICHLOROBENZENE	N		UG/L	14	70	Table 1	Table 1	M	M	M	1.0	0.41	1.4	998310390	
160524	1,2,4-TRICHLOROBENZENE	N		UG/L	0.02	0.2	Table 1	Table 1	M	M	M	1.0	0.39	1.3	998310390	
160524	1,2-DIBROMO-3-CHLOROPROPANE	N		UG/L	0.005	0.05	Table 1	Table 1	M	M	M	1.0	0.73	2.4	998310390	
160524	1,2-DIBROMOETHANE (EDB)	N		UG/L	0.5	5	Table 1	Table 1	M	M	M	1.0	0.21	0.70	998310390	
160524	1,2-DICHLOROETHANE	N		UG/L	0.5	5	Table 1	Table 1	M	M	M	1.0	0.72	2.4	998310390	
160524	1,2-DICHLOROPROPANE	N		UG/L	0.5	5	Table 1	Table 1	M	M	M	5.0	1.2	4.1	998310390	
160524	2-HEXANONE	N		UG/L					M	M	M	5.0	2.1	7.0	998310390	
160524	4-METHYL-2-PENTANONE (MIBK)	N		UG/L	50	500	Table 1	Table 1	M	M	M	10	3.0	10	998310390	
160524	ACETONE	N	407	UG/L	1800	9000	Table 1	Table 1	M	M	M	60.0	24.0	80.0	998310390	
160524	ALKALINITY-TOTAL AS CaCO3 (FILT)	N		MG/L					M	M	M	1.0	0.41	1.4	998310390	
160524	BENZENE	N		UG/L	0.5	5	Table 1	Table 1	M	M	M	1.0	0.39	1.3	998310390	
160524	BROMODICHLOROMETHANE	N		UG/L	0.06	0.6	Table 1	Table 1	M	M	M	1.0	0.69	2.3	998310390	
160524	BROMOMETHANE	N		UG/L	1	10	Table 1	Table 1	M	M	M	1.0	0.19	0.63	998310390	
160524	CARBON DISULFIDE	N		UG/L	200	1000	Table 1	Table 1	M	M	M	1.0	0.27	0.90	998310390	
160524	CARBON TETRACHLORIDE	N		UG/L	0.5	5	Table 1	Table 1	M	M	M	1.0	0.75	2.5	998310390	
160524	CHLOROBENZENE	N		UG/L	20	100	Table 1	Table 1	M	M	M	1.0	0.32	1.1	998310390	
160524	CHLOROETHANE	N		UG/L	80	400	Table 1	Table 1	M	M	M	1.0	0.34	1.1	998310390	
160524	CHLOROFORM	N		UG/L	0.6	6	Table 1	Table 1	M	M	M	1.0	0.35	1.2	998310390	
160524	CHLOROMETHANE	N		UG/L	3	30	Table 1	Table 1	M	M	M	1.0	0.81	2.7	998310390	
160524	CIS-1,2-DICHLOROETHENE	N		UG/L	7	70	Table 1	Table 1	M	M	M	1.0	0.36	1.2	998310390	
160524	CIS-1,3-DICHLOROPROPENE	N		UG/L	0.04	0.4	Table 1	Table 1	M	M	M	1.0	0.32	1.1	998310390	
160524	DIBROMOCHLOROMETHANE	N		UG/L	6	60	Table 1	Table 1	M	M	M	1.0	0.41	1.4	998310390	
160524	DIBROMOMETHANE	N		UG/L					M	M	M	1.0	0.68	2.3	998310390	
160524	DICHLORODIFLUOROMETHANE	N		UG/L	200	1000	Table 1	Table 1	M	M	M	1.0	0.44	1.5	998310390	
160524	DICHLOROMETHANE	N		UG/L	0.5	5	Table 1	Table 1	M	M	M	1.0	0.74	2.5	998310390	
160524	DISSOLVED OXYGEN, FIELD BY PROBE	N	12.3	MG/L	140	700	Table 1	Table 1	M	M	M	1.0	0.88	2.9	998310390	
160524	ETHYLBENZENE	N		UG/L	698	3490	Table 1	Table 1	M	M	M	1.0	0.030	0.019	0.064	998310390
160524	FLUOROTRICHLOROMETHANE	N	858.84	FT MSL					M	M	M	2.0	0.40	1.3	998310390	
160524	GROUNDWATER ELEVATION	N		MG/L	0.15	0.3	Table 2	Table 1	M	M	M	2.0	0.40	1.3	998310390	
160524	IRON-DISSOLVED AS FE	N		UG/L	60	300	Table 1	Table 1	M	M	M	2.0	0.40	1.3	998310390	
160524	MANGANESE-DISSOLVED AS MN	N		UG/L					M	M	M					

Hagen Farm Landfill

License Number: 02981  
Facility ID Number: 113176030

Sample Date	Parameter	Qualifier	Value	Units	ES	Type of Exceedance	Type of Standard	QC			WDNR			
								I	II	III	QC	QC	QC	LOQ
Sample Point: OBS-2C WDNR Point ID: 022														
160524	MANGANESE-DISSOLVED AS MN	N		UG/L	25	50	Table 2	M	M	M	2.0	0.40	1.3	998310390
160524	M-DICHLOROBENZENE	N		UG/L	120	600	Table 1	M	M	M	1.0	0.78	2.6	998310390
160524	METHYLETHYL KETONE (MEK)	N		UG/L	800	4000	Table 1	M	M	M	10	1.3	4.4	998310390
160524	METHYL TERT-BUTYL ETHER (MTBE)	N		UG/L	12	60	Table 1	M	M	M	1.0	0.16	0.53	998310390
160524	NAPHTHALENE	N		UG/L	10	100	Table 1	M	M	M	1.0	0.43	1.4	998310390
160524	NITRITE PLUS NITRATE-DISSOLVED AS N	N	1.7	MG/L AS N	2	10	Table 1	M	M	M	0.050	0.020	0.067	998310390
160524	O-DICHLOROBENZENE	N		UG/L	60	600	Table 1	M	M	M	1.0	0.79	2.6	998310390
160524	OXIDATION REDUCTION POTENTIAL		158.0	MILLIVOLTS										
160524	P-DICHLOROBENZENE	N		UG/L	15	75	Table 1	M	M	M	1.0	0.84	2.8	998310390
160524	PH-FIELD		7.65	SU										
160524	SAMPLE COLOR	N		NONE										
160524	SAMPLE ODOR	N		NONE										
160524	SAMPLE TEMPERATURE		15.2	DEGREES C										
160524	SAMPLE TURBIDITY	N		NONE										
160524	SPECIFIC CONDUCTANCE-FIELD		773	UMHOS/CM										
160524	STYRENE	N		UG/L	10	100	Table 1	M	M	M	1.0	0.73	2.4	998310390
160524	SULFATE-DISSOLVED AS SO4		26.1	MG/L	125	250	Table 2	M	M	M	2.0	0.35	1.2	998310390
160524	TETRACHLOROETHYLENE	N		UG/L	0.5	5	Table 1	M	M	M	1.0	0.36	1.2	998310390
160524	TETRAHYDROFURAN	N		UG/L	10	50	Table 1	M	M	M	5.0	1.3	4.2	998310390
160524	TOLUENE	N		UG/L	160	800	Table 1	M	M	M	1.0	0.51	1.7	998310390
160524	TRANS-1,2-DICHLOROETHENE (TOTAL)	N		UG/L	20	100	Table 1	M	M	M	1.0	0.90	3.0	998310390
160524	TRANS-1,3-DICHLOROPROPENE	N		UG/L	0.04	0.4	Table 1	M	M	M	1.0	0.37	1.2	998310390
160524	TRIBROMOMETHANE	N		UG/L	0.44	4.4	Table 1	M	M	M	1.0	0.26	0.87	998310390
160524	TRICHLOROETHYLENE	N		UG/L	0.5	5	Table 1	M	M	M	1.0	0.46	1.5	998310390
160524	VINYL CHLORIDE	N		UG/L	0.02	0.2	Table 1	M	M	M	1.0	0.90	3.0	998310390
160524	VINYL CHLORIDE	N		UG/L	0.02	0.2	Table 1	M	M	M	0.020	0.004	0.013	998310390
160524	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														
160524	1,1,1-TRICHLOROETHANE	N		UG/L	40	200	Table 1	M	M	M	1.0	0.82	2.7	998310390
160524	1,1,2,2-TETRACHLOROETHANE	N		UG/L	0.02	0.2	Table 1	M	M	M	1.0	0.21	0.70	998310390
160524	1,1,2-TRICHLOROETHANE	N		UG/L	0.5	5	Table 1	M	M	M	1.0	0.23	0.77	998310390
160524	1,1-DICHLOROETHANE	N		UG/L	85	850	Table 1	M	M	M	1.0	0.38	1.3	998310390
160524	1,1-DICHLOROETHYLENE	N		UG/L	0.7	7	Table 1	M	M	M	1.0	0.29	0.97	998310390
160524	1,2,4-TRICHLOROBENZENE	N		UG/L	14	70	Table 1	M	M	M	1.0	0.41	1.4	998310390

Hagen Farm Landfill

Sample Date	Parameter	Qualifier	Value	Units	PAL	ES	Type of Exceedance	Type of Standard	QC			WDNR			
									I	II	III	RL	LOD	LOQ	Lab Cert
Sample Point: P17B WDNR Point ID: 045															
160524	1,2-DIBROMO-3-CHLOROPROPANE	N		UG/L	0.02	0.2		Table 1	M	M	M	1.0	0.39	1.3	998310390
160524	1,2-DIBROMOETHANE (EDB)	N		UG/L	0.005	0.05		Table 1	M	M	M	1.0	0.73	2.4	998310390
160524	1,2-DICHLOROETHANE	N		UG/L	0.5	5		Table 1	M	M	M	1.0	0.21	0.70	998310390
160524	1,2-DICHLOROPROPANE	N		UG/L	0.5	5		Table 1	M	M	M	1.0	0.72	2.4	998310390
160524	2-HEXANONE	N		UG/L					M	M	M	5.0	1.2	4.1	998310390
160524	4-METHYL-2-PENTANONE (MIBK)	N		UG/L	50	500		Table 1	M	M	M	5.0	2.1	7.0	998310390
160524	ACETONE	N		UG/L	1800	9000		Table 1	M	M	M	10	3.0	10	998310390
160524	ALKALINITY-TOTAL AS CaCO3 (FILT)	N	386	MG/L					M	M	M	50.0	20.0	66.7	998310390
160524	BENZENE	N		UG/L	0.5	5		Table 1	M	M	M	1.0	0.41	1.4	998310390
160524	BROMODICHLOROMETHANE	N		UG/L	0.06	0.6		Table 1	M	M	M	1.0	0.39	1.3	998310390
160524	BROMOMETHANE	N		UG/L	1	10		Table 1	M	M	M	1.0	0.69	2.3	998310390
160524	CARBON DISULFIDE	N		UG/L	200	1000		Table 1	M	M	M	1.0	0.19	0.63	998310390
160524	CARBON TETRACHLORIDE	N		UG/L	0.5	5		Table 1	M	M	M	1.0	0.27	0.90	998310390
160524	CHLOROBENZENE	N		UG/L	20	100		Table 1	M	M	M	1.0	0.75	2.5	998310390
160524	CHLOROETHANE	N		UG/L	80	400		Table 1	M	M	M	1.0	0.32	1.1	998310390
160524	CHLOROFORM	N		UG/L	0.6	6		Table 1	M	M	M	1.0	0.34	1.1	998310390
160524	CHLOROMETHANE	N		UG/L	3	30		Table 1	M	M	M	1.0	0.35	1.2	998310390
160524	CIS-1,2-DICHLOROETHENE	N		UG/L	7	70		Table 1	M	M	M	1.0	0.81	2.7	998310390
160524	CIS-1,3-DICHLOROPROPENE	N		UG/L	0.04	0.4		Table 1	M	M	M	1.0	0.36	1.2	998310390
160524	DIBROMOCHLOROMETHANE	N		UG/L	6	60		Table 1	M	M	M	1.0	0.32	1.1	998310390
160524	DIBROMOMETHANE	N		UG/L					M	M	M	1.0	0.41	1.4	998310390
160524	DICHLORODIFLUOROMETHANE	N		UG/L	200	1000		Table 1	M	M	M	1.0	0.68	2.3	998310390
160524	DICHLOROMETHANE	N		UG/L	0.5	5		Table 1	M	M	M	1.0	0.44	1.5	998310390
160524	DISSOLVED OXYGEN, FIELD BY PROBE	N	5.0	MG/L					M	M	M	1.0	0.74	2.5	998310390
160524	ETHYLBENZENE	N		UG/L	140	700		Table 1	M	M	M	1.0	0.88	2.9	998310390
160524	FLUOROTRICHLOROMETHANE	N		UG/L	698	3490		Table 1	M	M	M	1.0	0.88	2.9	998310390
160524	GROUNDWATER ELEVATION	J	858.59	FT MSL					M	M	M	0.030	0.019	0.064	998310390
160524	IRON-DISSOLVED AS FE	N	0.031	MG/L	0.15	0.3		Table 2	M	M	M	2.0	0.40	1.3	998310390
160524	MANGANESE-DISSOLVED AS MN	N	42.6	UG/L	60	300		Table 1	M	M	M	2.0	0.40	1.3	998310390
160524	MANGANESE-DISSOLVED AS MN	N	42.6	UG/L	25	50	P	Table 2	M	M	M	2.0	0.40	1.3	998310390
160524	M-DICHLOROBENZENE	N		UG/L	120	600		Table 1	M	M	M	1.0	0.78	2.6	998310390
160524	METHYL ETHYL KETONE (MEK)	N		UG/L	800	4000		Table 1	M	M	M	10	1.3	4.4	998310390
160524	METHYL TERT-BUTYL ETHER (MTBE)	N		UG/L	12	60		Table 1	M	M	M	1.0	0.16	0.53	998310390
160524	NAPHTHALENE	N		UG/L	10	100		Table 1	M	M	M	1.0	0.43	1.4	998310390

Hagen Farm Landfill

License Number: 02981  
 Facility ID Number: 113176030

Sample Date	Parameter	Qualifier	Value	Units	PAL	ES	Type of Exceedance	Type of Standard	QC			WDNR Lab Cert			
									I	II	III		RL	LOD	LOQ
Sample Point: P17B WDNR Point ID: 045															
160524	NITRITE PLUS NITRATE-DISSOLVED AS N		4.5	MG/L AS N	2	10	P	Table 1	M	M	M	0.10	0.040	0.13	998310390
160524	O-DICHLOROBENZENE	N		UG/L	60	600		Table 1	M	M	M	1.0	0.79	2.6	998310390
160524	OXIDATION REDUCTION POTENTIAL		193.0	MILLIVOLTS											
160524	P-DICHLOROBENZENE	N		UG/L	15	75		Table 1	M	M	M	1.0	0.84	2.8	998310390
160524	PH-FIELD		7.51	SU											
160524	SAMPLE COLOR	N		NONE											
160524	SAMPLE ODOR	N		NONE											
160524	SAMPLE TEMPERATURE		16.2	DEGREES C											
160524	SAMPLE TURBIDITY	N		NONE											
160524	SPECIFIC CONDUCTANCE-FIELD		718	UMHOS/CM											
160524	STYRENE	N		UG/L	10	100		Table 1	M	M	M	1.0	0.73	2.4	998310390
160524	SULFATE-DISSOLVED AS SO4		17.7	MG/L	125	250		Table 2	M	M	M	2.0	0.35	1.2	998310390
160524	TETRACHLOROETHYLENE	N		UG/L	0.5	5		Table 1	M	M	M	1.0	0.36	1.2	998310390
160524	TETRAHYDROFURAN	N		UG/L	10	50		Table 1	M	M	M	5.0	1.3	4.2	998310390
160524	TOLUENE	N		UG/L	160	800		Table 1	M	M	M	1.0	0.51	1.7	998310390
160524	TRANS-1,2-DICHLOROETHENE (TOTAL)	N		UG/L	20	100		Table 1	M	M	M	1.0	0.90	3.0	998310390
160524	TRANS-1,3-DICHLOROPROPENE	N		UG/L	0.04	0.4		Table 1	M	M	M	1.0	0.37	1.2	998310390
160524	TRIBROMOMETHANE	N		UG/L	0.44	4.4		Table 1	M	M	M	1.0	0.26	0.87	998310390
160524	TRICHLOROETHYLENE	N		UG/L	0.5	5		Table 1	M	M	M	1.0	0.46	1.5	998310390
160524	VINYL CHLORIDE	N		UG/L	0.02	0.2		Table 1	M	M	M	1.0	0.90	3.0	998310390
160524	VINYL CHLORIDE		0.015	UG/L	0.02	0.2		Table 1	F	M	M	0.020	0.004	0.013	998310390
160524	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															
160524	1,1,1-TRICHLOROETHANE	N		UG/L	40	200		Table 1	M	M	M	1.0	0.82	2.7	998310390
160524	1,1,2,2-TETRACHLOROETHANE	N		UG/L	0.02	0.2		Table 1	M	M	M	1.0	0.21	0.70	998310390
160524	1,1,2-TRICHLOROETHANE	N		UG/L	0.5	5		Table 1	M	M	M	1.0	0.23	0.77	998310390
160524	1,1-DICHLOROETHANE	N		UG/L	85	850		Table 1	M	M	M	1.0	0.38	1.3	998310390
160524	1,1-DICHLOROETHYLENE	N		UG/L	0.7	7		Table 1	M	M	M	1.0	0.29	0.97	998310390
160524	1,2,4-TRICHLOROBENZENE	N		UG/L	14	70		Table 1	M	M	M	1.0	0.41	1.4	998310390
160524	1,2-DIBROMO-3-CHLOROPROPANE	N		UG/L	0.02	0.2		Table 1	M	M	M	1.0	0.39	1.3	998310390
160524	1,2-DIBROMOETHANE (EDB)	N		UG/L	0.005	0.05		Table 1	M	M	M	1.0	0.73	2.4	998310390
160524	1,2-DICHLOROETHANE	N		UG/L	0.5	5		Table 1	M	M	M	1.0	0.21	0.70	998310390
160524	1,2-DICHLOROPROPANE	N		UG/L	0.5	5		Table 1	M	M	M	1.0	0.72	2.4	998310390
160524	2-HEXANONE	N		UG/L				Table 1	M	M	M	5.0	1.2	4.1	998310390

Hagen Farm Landfill

Sample Date	Parameter	Sample Point:	P17C	WDNR Point ID:	050	Qualifier	Value	Units	PAL	ES	Type of Exceedance	Standard	QC			WDNR Lab Cert			
													I	II	III		RL	LOD	LOQ
160524	4-METHYL-2-PENTANONE (MIBK)					N		UG/L	50	500		Table 1	M	M	M	5.0	2.1	7.0	998310390
160524	ACETONE					N		UG/L	1800	9000		Table 1	M	M	M	10	3.0	10	998310390
160524	ALKALINITY-TOTAL AS CaCO3 (FILTR)						429	MG/L					M	M	M	50.0	20.0	66.7	998310390
160524	BENZENE					N		UG/L	0.5	5		Table 1	M	M	M	1.0	0.41	1.4	998310390
160524	BROMODICHLOROMETHANE					N		UG/L	0.06	0.6		Table 1	M	M	M	1.0	0.39	1.3	998310390
160524	BROMOMETHANE					N		UG/L	1	10		Table 1	M	M	M	1.0	0.69	2.3	998310390
160524	CARBON DISULFIDE					N		UG/L	200	1000		Table 1	M	M	M	1.0	0.19	0.63	998310390
160524	CARBON TETRACHLORIDE					N		UG/L	0.5	5		Table 1	M	M	M	1.0	0.27	0.90	998310390
160524	CHLOROBENZENE					N		UG/L	20	100		Table 1	M	M	M	1.0	0.75	2.5	998310390
160524	CHLOROETHANE					N		UG/L	80	400		Table 1	M	M	M	1.0	0.32	1.1	998310390
160524	CHLOROFORM					N		UG/L	0.6	6		Table 1	M	M	M	1.0	0.34	1.1	998310390
160524	CHLOROMETHANE					N		UG/L	3	30		Table 1	M	M	M	1.0	0.35	1.2	998310390
160524	CIS-1,2-DICHLOROETHENE					N		UG/L	7	70		Table 1	M	M	M	1.0	0.81	2.7	998310390
160524	CIS-1,3-DICHLOROPROPENE					N		UG/L	0.04	0.4		Table 1	M	M	M	1.0	0.36	1.2	998310390
160524	DIBROMOCHLOROMETHANE					N		UG/L	6	60		Table 1	M	M	M	1.0	0.32	1.1	998310390
160524	DIBROMOMETHANE					N		UG/L					M	M	M	1.0	0.41	1.4	998310390
160524	DICHLORODIFLUOROMETHANE					N		UG/L	200	1000		Table 1	M	M	M	1.0	0.68	2.3	998310390
160524	DICHLOROMETHANE					N		UG/L	0.5	5		Table 1	M	M	M	1.0	0.44	1.5	998310390
160524	DISSOLVED OXYGEN, FIELD BY PROBE						2.8	MG/L				Table 1	M	M	M	1.0	0.74	2.5	998310390
160524	ETHYLBENZENE					N		UG/L	140	700		Table 1	M	M	M	1.0	0.88	2.9	998310390
160524	FLUOROTRICHLOROMETHANE					N		UG/L	698	3490		Table 1	M	M	M				
160524	GROUNDWATER ELEVATION						858.64	FT MSL					M	M	M	0.030	0.019	0.064	998310390
160524	IRON-DISSOLVED AS FE						2.8	MG/L	0.15	0.3	P*	Table 2	M	M	M				
160524	MANGANESE-DISSOLVED AS MN						284	UG/L	60	300	P	Table 1	M	M	M	2.0	0.40	1.3	998310390
160524	MANGANESE-DISSOLVED AS MN						284	UG/L	25	50	P*	Table 2	M	M	M	2.0	0.40	1.3	998310390
160524	M-DICHLOROBENZENE					N		UG/L	120	600		Table 1	M	M	M	1.0	0.78	2.6	998310390
160524	METHYL ETHYL KETONE (MEK)					N		UG/L	800	4000		Table 1	M	M	M	10	1.3	4.4	998310390
160524	METHYL TERT-BUTYL ETHER (MTBE)					N		UG/L	12	60		Table 1	M	M	M	1.0	0.16	0.53	998310390
160524	NAPHTHALENE					N		UG/L	10	100		Table 1	M	M	M	1.0	0.43	1.4	998310390
160524	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
160524	O-DICHLOROBENZENE					N		UG/L	60	600		Table 1	M	M	M	1.0	0.79	2.6	998310390
160524	OXIDATION REDUCTION POTENTIAL						4.0	MILLIVOLTS				Table 1	M	M	M	1.0	0.84	2.8	998310390
160524	P-DICHLOROBENZENE					N		UG/L	15	75									
160524	PH-FIELD						7.19	SU											

Hagen Farm Landfill

License Number: 02981  
Facility ID Number: 113176030

Sample Date	Parameter	Qualifier	Value	Units	ES	Type of Exceedance	Type of Standard	QC			WDR			
								I	II	III		RL	LOD	LOQ
Sample Point: P17C WDR Point ID: 050														
160524	SAMPLE COLOR	N	NONE				Table 1	M	M	M	1.0	0.73	2.4	998310390
160524	SAMPLE ODOR	N	NONE				Table 2	M	M	M	2.0	0.35	1.2	998310390
160524	SAMPLE TEMPERATURE		15.6	DEGREES C	5		Table 1	M	M	M	1.0	0.36	1.2	998310390
160524	SAMPLE TURBIDITY	N	NONE				Table 1	M	M	M	5.0	1.3	4.2	998310390
160524	SPECIFIC CONDUCTANCE-FIELD		790	UMHOS/CM	800		Table 1	M	M	M	1.0	0.51	1.7	998310390
160524	STYRENE	N	11.4	UG/L	100		Table 1	M	M	M	1.0	0.90	3.0	998310390
160524	SULFATE-DISSOLVED AS SO4	N	11.4	MG/L	125		Table 1	M	M	M	1.0	0.37	1.2	998310390
160524	TETRACHLOROETHYLENE	N		UG/L	0.5		Table 1	M	M	M	1.0	0.26	0.87	998310390
160524	TETRAHYDROFURAN	N		UG/L	10		Table 1	M	M	M	1.0	0.46	1.5	998310390
160524	TOLUENE	N		UG/L	160		Table 1	M	M	M	0.020	0.004	0.013	998310390
160524	TRANS-1,2-DICHLOROETHENE (TOTAL)	N		UG/L	20		Table 1	M	M	M	1.0	0.90	3.0	998310390
160524	TRANS-1,3-DICHLOROPROPENE	N		UG/L	0.04		Table 1	M	M	M	1.0	0.37	1.2	998310390
160524	TRIBROMOMETHANE	N		UG/L	0.44		Table 1	M	M	M	1.0	0.26	0.87	998310390
160524	TRICHLOROETHYLENE	N		UG/L	0.5		Table 1	M	M	M	1.0	0.46	1.5	998310390
160524	VINYL CHLORIDE	N	0.56	UG/L	0.02		Table 1	M	M	M	0.020	0.004	0.013	998310390
160524	VINYL CHLORIDE	N		UG/L	0.02		Table 1	M	M	M	1.0	0.90	3.0	998310390
160524	XYLENES-TOTAL	N		UG/L	400		Table 1	M	M	M	2.0	0.66	2.2	998310390
Sample Point: P17DR WDR Point ID: 055														
160524	GROUNDWATER ELEVATION		858.33	FT MSL										
Sample Point: P22B WDR Point ID: 065														
160524	1,1,1-TRICHLOROETHANE	N		UG/L	40		Table 1	M	M	M	1.0	0.82	2.7	998310390
160524	1,1,2,2-TETRACHLOROETHANE	N		UG/L	0.02		Table 1	M	M	M	1.0	0.21	0.70	998310390
160524	1,1,2-TRICHLOROETHANE	N		UG/L	0.5		Table 1	M	M	M	1.0	0.23	0.77	998310390
160524	1,1-DICHLOROETHANE	N		UG/L	85		Table 1	M	M	M	1.0	0.38	1.3	998310390
160524	1,1-DICHLOROETHYLENE	N		UG/L	0.7		Table 1	M	M	M	1.0	0.29	0.97	998310390
160524	1,2,4-TRICHLOROBENZENE	N		UG/L	14		Table 1	M	M	M	1.0	0.41	1.4	998310390
160524	1,2-DIBROMO-3-CHLOROPROPANE	N		UG/L	0.02		Table 1	M	M	M	1.0	0.39	1.3	998310390
160524	1,2-DIBROMOETHANE (EDB)	N		UG/L	0.005		Table 1	M	M	M	1.0	0.73	2.4	998310390
160524	1,2-DICHLOROETHANE	N		UG/L	0.5		Table 1	M	M	M	1.0	0.21	0.70	998310390
160524	1,2-DICHLOROPROPANE	N		UG/L	0.5		Table 1	M	M	M	1.0	0.72	2.4	998310390
160524	2-HEXANONE	N		UG/L				M	M	M	5.0	1.2	4.1	998310390
160524	4-METHYL-2-PENTANONE (MIBK)	N		UG/L	50		Table 1	M	M	M	5.0	2.1	7.0	998310390
160524	ACETONE	N		UG/L	1800		Table 1	M	M	M	10	3.0	10	998310390

Hagen Farm Landfill

Sample Date	Parameter	Qualifier	Value	Units	PAL	ES	Type of Exceedance	Type of Standard	QC			WDNR Lab Cert			
									I	II	III		RL	LOD	LOQ
Sample Point: P22B WDNR Point ID: 065															
160524	ALKALINITY-TOTAL AS CaCO3 (FILT)		454	MG/L				Table 1	M	M	M	100	40.0	133	998310390
160524	BENZENE	N		UG/L	0.5	5		Table 1	M	M	M	1.0	0.41	1.4	998310390
160524	BROMODICHLOROMETHANE	N		UG/L	0.06	0.6		Table 1	M	M	M	1.0	0.39	1.3	998310390
160524	BROMOMETHANE	N		UG/L	1	10		Table 1	M	M	M	1.0	0.69	2.3	998310390
160524	CARBON DISULFIDE	N		UG/L	200	1000		Table 1	M	M	M	1.0	0.19	0.63	998310390
160524	CARBON TETRACHLORIDE	N		UG/L	0.5	5		Table 1	M	M	M	1.0	0.27	0.90	998310390
160524	CHLOROBENZENE	N		UG/L	20	100		Table 1	M	M	M	1.0	0.75	2.5	998310390
160524	CHLOROETHANE	N		UG/L	80	400		Table 1	M	M	M	1.0	0.32	1.1	998310390
160524	CHLOROFORM	N		UG/L	0.6	6		Table 1	M	M	M	1.0	0.34	1.1	998310390
160524	CHLOROMETHANE	N		UG/L	3	30		Table 1	M	M	M	1.0	0.35	1.2	998310390
160524	CIS-1,2-DICHLOROETHENE	N		UG/L	7	70		Table 1	M	M	M	1.0	0.81	2.7	998310390
160524	CIS-1,3-DICHLOROPROPENE	N		UG/L	0.04	0.4		Table 1	M	M	M	1.0	0.36	1.2	998310390
160524	DIBROMOCHLOROMETHANE	N		UG/L	6	60		Table 1	M	M	M	1.0	0.32	1.1	998310390
160524	DIBROMOMETHANE	N		UG/L				Table 1	M	M	M	1.0	0.41	1.4	998310390
160524	DICHLORODIFLUOROMETHANE	N		UG/L	200	1000		Table 1	M	M	M	1.0	0.68	2.3	998310390
160524	DICHLOROMETHANE	N		UG/L	0.5	5		Table 1	M	M	M	1.0	0.44	1.5	998310390
160524	DISSOLVED OXYGEN, FIELD BY PROBE		2.2	MG/L				Table 1	M	M	M	1.0	0.74	2.5	998310390
160524	ETHYLBENZENE	N		UG/L	140	700		Table 1	M	M	M	1.0	0.88	2.9	998310390
160524	FLUOROTRICHLOROMETHANE	N		UG/L	698	3490		Table 1	M	M	M	1.0			
160524	GROUNDWATER ELEVATION		859.96	FT MSL				Table 2	M	M	M	0.030	0.019	0.064	998310390
160524	IRON-DISSOLVED AS FE		3.7	MG/L	0.15	0.3	P*	Table 1	M	M	M	2.0	0.40	1.3	998310390
160524	MANGANESE-DISSOLVED AS MN		110	UG/L	60	300	P	Table 2	M	M	M	2.0	0.40	1.3	998310390
160524	MANGANESE-DISSOLVED AS MN		110	UG/L	25	50	P*	Table 1	M	M	M	1.0	0.78	2.6	998310390
160524	M-DICHLOROBENZENE	N		UG/L	120	600		Table 1	M	M	M	10	1.3	4.4	998310390
160524	METHYL ETHYL KETONE (MEK)	N		UG/L	800	4000		Table 1	M	M	M	1.0	0.16	0.53	998310390
160524	METHYL TERT-BUTYL ETHER (MTBE)	N		UG/L	12	60		Table 1	M	M	M	1.0	0.43	1.4	998310390
160524	NAPHTHALENE	N		UG/L	10	100		Table 1	M	M	M	0.050	0.020	0.067	998310390
160524	NITRITE PLUS NITRATE-DISSOLVED AS N	J	0.025	MG/L AS N	2	10		Table 1	M	M	M	1.0	0.79	2.6	998310390
160524	O-DICHLOROBENZENE	N		UG/L	60	600		Table 1	M	M	M	1.0			
160524	OXIDATION REDUCTION POTENTIAL		-7.0	MILLIVOLTS				Table 1	M	M	M	1.0	0.84	2.8	998310390
160524	P-DICHLOROBENZENE	N		UG/L	15	75		Table 1	M	M	M	1.0			
160524	PH-FIELD		7.26	SU											
160524	SAMPLE COLOR	N		NONE											
160524	SAMPLE ODOR	N		NONE											



Hagen Farm Landfill

License Number: 02981  
 Facility ID Number: 113176030

Sample Date	Parameter	Qualifier	Value	Units	ES	Type of Exceedance	Standard	QC			WDNR			
								I	II	III	RL	LOD	LOQ	Lab Cert
Sample Point: P22B WDNR Point ID: 065														
160524	SAMPLE TEMPERATURE		19.4	DEGREES C			Table 1	M	M	M	1.0	0.73	2.4	998310390
160524	SAMPLE TURBIDITY		0	NONE			Table 2	M	M	M	2.0	0.35	1.2	998310390
160524	SPECIFIC CONDUCTANCE-FIELD		772	UMHOS/CM			Table 1	M	M	M	1.0	0.36	1.2	998310390
160524	STYRENE	N		UG/L	10	100	Table 1	M	M	M	5.0	1.3	4.2	998310390
160524	SULFATE-DISSOLVED AS SO4		31.7	MG/L	125	250	Table 1	M	M	M	1.0	0.51	1.7	998310390
160524	TETRACHLOROETHYLENE	N		UG/L	0.5	5	Table 1	M	M	M	1.0	0.90	3.0	998310390
160524	TETRAHYDROFURAN	N		UG/L	10	50	Table 1	M	M	M	1.0	0.37	1.2	998310390
160524	TOLUENE	N		UG/L	160	800	Table 1	M	M	M	1.0	0.26	0.87	998310390
160524	TRANS-1,2-DICHLOROETHENE (TOTAL)	N		UG/L	20	100	Table 1	M	M	M	1.0	0.46	1.5	998310390
160524	TRANS-1,3-DICHLOROPROPENE	N		UG/L	0.04	0.4	Table 1	M	M	M	0.020	0.004	0.013	998310390
160524	TRIBROMOMETHANE	N		UG/L	0.44	4.4	Table 1	M	M	M	1.0	0.90	3.0	998310390
160524	TRICHLOROETHYLENE	N		UG/L	0.5	5	Table 1	M	M	M	1.0	0.26	0.87	998310390
160524	VINYL CHLORIDE	J	0.0051	UG/L	0.02	0.2	Table 1	F	M	M	0.020	0.004	0.013	998310390
160524	VINYL CHLORIDE	N		UG/L	0.02	0.2	Table 1	M	M	M	1.0	0.90	3.0	998310390
160524	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														
160524	1,1,1-TRICHLOROETHANE	N		UG/L	40	200	Table 1	M	M	M	1.0	0.82	2.7	998310390
160524	1,1,2,2-TETRACHLOROETHANE	N		UG/L	0.02	0.2	Table 1	M	M	M	1.0	0.21	0.70	998310390
160524	1,1,2-TRICHLOROETHANE	N		UG/L	0.5	5	Table 1	M	M	M	1.0	0.23	0.77	998310390
160524	1,1-DICHLOROETHANE	N		UG/L	85	850	Table 1	M	M	M	1.0	0.38	1.3	998310390
160524	1,1-DICHLOROETHYLENE	N		UG/L	0.7	7	Table 1	M	M	M	1.0	0.29	0.97	998310390
160524	1,2,4-TRICHLOROBENZENE	N		UG/L	14	70	Table 1	M	M	M	1.0	0.41	1.4	998310390
160524	1,2-DIBROMO-3-CHLOROPROPANE	N		UG/L	0.02	0.2	Table 1	M	M	M	1.0	0.39	1.3	998310390
160524	1,2-DIBROMOETHANE (EDB)	N		UG/L	0.005	0.05	Table 1	M	M	M	1.0	0.73	2.4	998310390
160524	1,2-DICHLOROETHANE	N		UG/L	0.5	5	Table 1	M	M	M	1.0	0.21	0.70	998310390
160524	1,2-DICHLOROPROPANE	N		UG/L	0.5	5	Table 1	M	M	M	1.0	0.72	2.4	998310390
160524	2-HEXANONE	N		UG/L				M	M	M	5.0	1.2	4.1	998310390
160524	4-METHYL-2-PENTANONE (MIBK)	N		UG/L	50	500	Table 1	M	M	M	5.0	2.1	7.0	998310390
160524	ACETONE	N		UG/L	1800	9000	Table 1	M	M	M	10	3.0	10	998310390
160524	BENZENE	N		UG/L	0.5	5	Table 1	M	M	M	1.0	0.41	1.4	998310390
160524	BROMODICHLOROMETHANE	N		UG/L	0.06	0.6	Table 1	M	M	M	1.0	0.39	1.3	998310390
160524	BROMOMETHANE	N		UG/L	1	10	Table 1	M	M	M	1.0	0.69	2.3	998310390
160524	CARBON DISULFIDE	N		UG/L	200	1000	Table 1	M	M	M	1.0	0.19	0.63	998310390
160524	CARBON TETRACHLORIDE	N		UG/L	0.5	5	Table 1	M	M	M	1.0	0.27	0.90	998310390

Hagen Farm Landfill

License Number: 02981  
Facility ID Number: 113176030

Sample Date	Parameter	Qualifier	Value	Units	PAL	ES	Type of Exceedance	Type of Standard	QC			WDNR			
									I	II	III	RL	LOD	LOQ	Lab Cert
Sample Point: P26B WDNR Point ID: 085															
160524	CHLOROBENZENE	N		UG/L	20	100	Table 1	Table 1	M	M	M	1.0	0.75	2.5	998310390
160524	CHLOROETHANE	N		UG/L	80	400	Table 1	Table 1	M	M	M	1.0	0.32	1.1	998310390
160524	CHLOROFORM	N		UG/L	0.6	6	Table 1	Table 1	M	M	M	1.0	0.34	1.1	998310390
160524	CHLOROMETHANE	N		UG/L	3	30	Table 1	Table 1	M	M	M	1.0	0.35	1.2	998310390
160524	CIS-1,2-DICHLOROETHENE	N		UG/L	7	70	Table 1	Table 1	M	M	M	1.0	0.81	2.7	998310390
160524	CIS-1,3-DICHLOROPROPENE	N		UG/L	0.04	0.4	Table 1	Table 1	M	M	M	1.0	0.36	1.2	998310390
160524	DIBROMOCHLOROMETHANE	N		UG/L	6	60	Table 1	Table 1	M	M	M	1.0	0.32	1.1	998310390
160524	DIBROMOMETHANE	N		UG/L					M	M	M	1.0	0.41	1.4	998310390
160524	DICHLORODIFLUOROMETHANE	N		UG/L	200	1000	Table 1	Table 1	M	M	M	1.0	0.68	2.3	998310390
160524	DICHLOROMETHANE	N		UG/L	0.5	5	Table 1	Table 1	M	M	M	1.0	0.44	1.5	998310390
160524	DISSOLVED OXYGEN, FIELD BY PROBE	N	6.5	MG/L					M	M	M	1.0	0.74	2.5	998310390
160524	ETHYLBENZENE	N		UG/L	140	700	Table 1	Table 1	M	M	M	1.0	0.88	2.9	998310390
160524	FLUOROTRICHLOROMETHANE	N	859.27	FT MSL					M	M	M	1.0	0.78	2.6	998310390
160524	GROUNDWATER ELEVATION	N		UG/L	120	600	Table 1	Table 1	M	M	M	1.0	0.78	2.6	998310390
160524	M-DICHLOROBENZENE	N		UG/L	800	4000	Table 1	Table 1	M	M	M	1.0	1.3	4.4	998310390
160524	METHYL ETHYL KETONE (MEK)	N		UG/L	12	60	Table 1	Table 1	M	M	M	1.0	0.16	0.53	998310390
160524	METHYL TERT-BUTYL ETHER (MTBE)	N		UG/L	10	100	Table 1	Table 1	M	M	M	1.0	0.43	1.4	998310390
160524	NAPHTHALENE	N		UG/L	60	600	Table 1	Table 1	M	M	M	1.0	0.79	2.6	998310390
160524	O-DICHLOROBENZENE	N		UG/L					M	M	M	1.0	0.84	2.8	998310390
160524	OXIDATION REDUCTION POTENTIAL	N	244	MILLIVOLTS	15	75	Table 1	Table 1	M	M	M	1.0	0.84	2.8	998310390
160524	P-DICHLOROBENZENE	N		UG/L					M	M	M	1.0	0.84	2.8	998310390
160524	PH-FIELD	N	7.54	SU					M	M	M	1.0	0.84	2.8	998310390
160524	SAMPLE COLOR	N		NONE					M	M	M	1.0	0.84	2.8	998310390
160524	SAMPLE ODOR	N		NONE					M	M	M	1.0	0.84	2.8	998310390
160524	SAMPLE TEMPERATURE	N	15.4	DEGREES C					M	M	M	1.0	0.84	2.8	998310390
160524	SAMPLE TURBIDITY	N	776	UMHOS/CM					M	M	M	1.0	0.84	2.8	998310390
160524	SPECIFIC CONDUCTANCE-FIELD	N		UG/L	10	100	Table 1	Table 1	M	M	M	1.0	0.73	2.4	998310390
160524	STYRENE	N		UG/L	0.5	5	Table 1	Table 1	M	M	M	1.0	0.36	1.2	998310390
160524	TETRACHLOROETHYLENE	N		UG/L	10	50	Table 1	Table 1	M	M	M	5.0	1.3	4.2	998310390
160524	TETRAHYDROFURAN	N		UG/L	160	800	Table 1	Table 1	M	M	M	1.0	0.51	1.7	998310390
160524	TOLUENE	N		UG/L	20	100	Table 1	Table 1	M	M	M	1.0	0.90	3.0	998310390
160524	TRANS-1,2-DICHLOROETHENE (TOTAL)	N		UG/L	0.04	0.4	Table 1	Table 1	M	M	M	1.0	0.37	1.2	998310390
160524	TRANS-1,3-DICHLOROPROPENE	N		UG/L	0.44	4.4	Table 1	Table 1	M	M	M	1.0	0.26	0.87	998310390
160524	TRIBROMOMETHANE	N		UG/L					M	M	M	1.0	0.26	0.87	998310390

Hagen Farm Landfill

License Number: 02981  
Facility ID Number: 113176030

Sample Date	Parameter	Qualifier	Value	Units	PAL	ES	Type of Exceedance	Type of Standard	QC			WDR			
									I	II	III		RL	LOD	LOQ
Sample Point: P26B WDR Point ID: 085															
160524	TRICHLOROETHYLENE	N		UG/L	0.5	5		Table 1	M	M	M	1.0	0.46	1.5	998310390
160524	VINYL CHLORIDE		0.23	UG/L	0.02	0.2	P*	Table 1	M	M	M	0.020	0.004	0.013	998310390
160524	VINYL CHLORIDE	N		UG/L	0.02	0.2		Table 1	M	M	M	1.0	0.90	3.0	998310390
160524	XYLENES-TOTAL	N		UG/L	400	2000		Table 1	M	M	M	2.0	0.66	2.2	998310390
Sample Point: P32B WDR Point ID: 150															
160524	1,1,1-TRICHLOROETHANE	N		UG/L	40	200		Table 1	M	M	M	1.0	0.82	2.7	998310390
160524	1,1,2,2-TETRACHLOROETHANE	N		UG/L	0.02	0.2		Table 1	M	M	M	1.0	0.21	0.70	998310390
160524	1,1,2-TRICHLOROETHANE	N		UG/L	0.5	5		Table 1	M	M	M	1.0	0.23	0.77	998310390
160524	1,1-DICHLOROETHANE	N		UG/L	85	850		Table 1	M	M	M	1.0	0.38	1.3	998310390
160524	1,1-DICHLOROETHYLENE	N		UG/L	0.7	7		Table 1	M	M	M	1.0	0.29	0.97	998310390
160524	1,2,4-TRICHLOROBENZENE	N		UG/L	14	70		Table 1	M	M	M	1.0	0.41	1.4	998310390
160524	1,2-DIBROMO-3-CHLOROPROPANE	N		UG/L	0.02	0.2		Table 1	M	M	M	1.0	0.39	1.3	998310390
160524	1,2-DIBROMOETHANE (EDB)	N		UG/L	0.005	0.05		Table 1	M	M	M	1.0	0.73	2.4	998310390
160524	1,2-DICHLOROETHANE	N		UG/L	0.5	5		Table 1	M	M	M	1.0	0.21	0.70	998310390
160524	1,2-DICHLOROPROPANE	N		UG/L	0.5	5		Table 1	M	M	M	1.0	0.72	2.4	998310390
160524	2-HEXANONE	N		UG/L					M	M	M	5.0	1.2	4.1	998310390
160524	4-METHYL-2-PENTANONE (MIBK)	N		UG/L	50	500		Table 1	M	M	M	5.0	2.1	7.0	998310390
160524	ACETONE	N		UG/L	1800	9000		Table 1	M	M	M	10	3.0	10	998310390
160524	ALKALINITY-TOTAL AS CaCO3 (FLT)		403	MG/L					M	M	M	50.0	20.0	66.7	998310390
160524	BENZENE	N		UG/L	0.5	5		Table 1	M	M	M	1.0	0.41	1.4	998310390
160524	BROMODICHLOROMETHANE	N		UG/L	0.06	0.6		Table 1	M	M	M	1.0	0.39	1.3	998310390
160524	BROMOMETHANE	N		UG/L	1	10		Table 1	M	M	M	1.0	0.69	2.3	998310390
160524	CARBON DISULFIDE	N		UG/L	200	1000		Table 1	M	M	M	1.0	0.19	0.63	998310390
160524	CARBON TETRACHLORIDE	N		UG/L	0.5	5		Table 1	M	M	M	1.0	0.27	0.90	998310390
160524	CHLOROBENZENE	N		UG/L	20	100		Table 1	M	M	M	1.0	0.75	2.5	998310390
160524	CHLOROETHANE	N		UG/L	80	400		Table 1	M	M	M	1.0	0.32	1.1	998310390
160524	CHLOROFORM	N		UG/L	0.6	6		Table 1	M	M	M	1.0	0.34	1.1	998310390
160524	CHLOROMETHANE	N		UG/L	3	30		Table 1	M	M	M	1.0	0.35	1.2	998310390
160524	CIS-1,2-DICHLOROETHENE	N		UG/L	7	70		Table 1	M	M	M	1.0	0.81	2.7	998310390
160524	CIS-1,3-DICHLOROPROPENE	N		UG/L	0.04	0.4		Table 1	M	M	M	1.0	0.36	1.2	998310390
160524	DIBROMOCHLOROMETHANE	N		UG/L	6	60		Table 1	M	M	M	1.0	0.32	1.1	998310390
160524	DIBROMOMETHANE	N		UG/L					M	M	M	1.0	0.41	1.4	998310390
160524	DICHLORODIFLUOROMETHANE	N		UG/L	200	1000		Table 1	M	M	M	1.0	0.68	2.3	998310390
160524	DICHLOROMETHANE	N		UG/L	0.5	5		Table 1	M	M	M	1.0	0.44	1.5	998310390

Hagen Farm Landfill

License Number: 02981  
Facility ID Number: 113176030

Sample Date	Parameter	Qualifier	Value	Units	PAL	ES	Type of Exceedance	Type of Standard	QC			WDNR Lab Cert			
									I	II	III		RL	LOD	LOQ
Sample Point: P32B WDNR Point ID: 150															
160524	DISSOLVED OXYGEN, FIELD BY PROBE	N	2.7	MG/L				Table 1	M	M	M	1.0	0.74	2.5	998310390
160524	ETHYLBENZENE	N		UG/L	140	700		Table 1	M	M	M	1.0	0.88	2.9	998310390
160524	FLUOROTRICHLOROMETHANE	N		UG/L	698	3490									
160524	GROUNDWATER ELEVATION		856.86	FT MSL											
160524	IRON-DISSOLVED AS FE	N		MG/L	0.15	0.3		Table 2	M	M	M	0.030	0.019	0.064	998310390
160524	MANGANESE-DISSOLVED AS MN		111	UG/L	60	300	P	Table 1	M	M	M	2.0	0.40	1.3	998310390
160524	MANGANESE-DISSOLVED AS MN		111	UG/L	25	50	E	Table 2	M	M	M	2.0	0.40	1.3	998310390
160524	M-DICHLOROBENZENE	N		UG/L	120	600		Table 1	M	M	M	1.0	0.78	2.6	998310390
160524	METHYL ETHYL KETONE (MEK)	N		UG/L	800	4000		Table 1	M	M	M	10	1.3	4.4	998310390
160524	METHYL TERT-BUTYL ETHER (MTBE)	N		UG/L	12	60		Table 1	M	M	M	1.0	0.16	0.53	998310390
160524	NAPHTHALENE	N		UG/L	10	100		Table 1	M	M	M	1.0	0.43	1.4	998310390
160524	NITRITE PLUS NITRATE-DISSOLVED AS N	N	0.18	MG/L AS N	2	10		Table 1	M	M	M	0.050	0.020	0.067	998310390
160524	O-DICHLOROBENZENE	N		UG/L	60	600		Table 1	M	M	M	1.0	0.79	2.6	998310390
160524	OXIDATION REDUCTION POTENTIAL		47.0	MILLIVOLTS				Table 1	M	M	M	1.0	0.84	2.8	998310390
160524	P-DICHLOROBENZENE	N		UG/L	15	75									
160524	PH-FIELD		7.24	SU											
160524	SAMPLE COLOR	N		NONE											
160524	SAMPLE ODOR	N		NONE											
160524	SAMPLE TEMPERATURE	N	20.6	DEGREES C											
160524	SAMPLE TURBIDITY	N		NONE											
160524	SPECIFIC CONDUCTANCE-FIELD		821	UMHOS/CM											
160524	STYRENE	N		UG/L	10	100		Table 1	M	M	M	1.0	0.73	2.4	998310390
160524	SULFATE-DISSOLVED AS SO4		24.4	MG/L	125	250		Table 2	M	M	M	2.0	0.35	1.2	998310390
160524	TETRACHLOROETHYLENE	N		UG/L	0.5	5		Table 1	M	M	M	1.0	0.36	1.2	998310390
160524	TETRAHYDROFURAN	N		UG/L	10	50		Table 1	M	M	M	5.0	1.3	4.2	998310390
160524	TOLUENE	N		UG/L	160	800		Table 1	M	M	M	1.0	0.51	1.7	998310390
160524	TRANS-1,2-DICHLOROETHENE (TOTAL)	N		UG/L	20	100		Table 1	M	M	M	1.0	0.90	3.0	998310390
160524	TRANS-1,3-DICHLOROPROPENE	N		UG/L	0.04	0.4		Table 1	M	M	M	1.0	0.37	1.2	998310390
160524	TRIBROMOMETHANE	N		UG/L	0.44	4.4		Table 1	M	M	M	1.0	0.26	0.87	998310390
160524	TRICHLOROETHYLENE	N		UG/L	0.5	5		Table 1	M	M	M	1.0	0.46	1.5	998310390
160524	VINYL CHLORIDE	N	0.037	UG/L	0.02	0.2	P	Table 1	F	M	M	0.020	0.004	0.013	998310390
160524	VINYL CHLORIDE	N		UG/L	0.02	0.2		Table 1	M	M	M	1.0	0.90	3.0	998310390
160524	XYLENES-TOTAL	N		UG/L	400	2000		Table 1	M	M	M	2.0	0.66	2.2	998310390

Hagen Farm Landfill

License Number: 02981  
Facility ID Number: 113176030

Sample Date	Parameter	Sample Point: TB	WDNR Point ID: 999	Qualifier	Value	Units	PAL	ES	Type of Exceedance	Type of Standard	QC			WDNR Lab Cert			
											I	II	III				
160524	1,1,1-TRICHLOROETHANE			N		UG/L	40	200		Table 1	M	M	M	1.0	0.82	2.7	998310390
160524	1,1,2,2-TETRACHLOROETHANE			N		UG/L	0.02	0.2		Table 1	M	M	M	1.0	0.21	0.70	998310390
160524	1,1,2-TRICHLOROETHANE			N		UG/L	0.5	5		Table 1	M	M	M	1.0	0.23	0.77	998310390
160524	1,1-DICHLOROETHANE			N		UG/L	85	850		Table 1	M	M	M	1.0	0.38	1.3	998310390
160524	1,1-DICHLOROETHYLENE			N		UG/L	0.7	7		Table 1	M	M	M	1.0	0.29	0.97	998310390
160524	1,2,4-TRICHLOROBENZENE			N		UG/L	14	70		Table 1	M	M	M	1.0	0.41	1.4	998310390
160524	1,2-DIBROMO-3-CHLOROPROPANE			N		UG/L	0.02	0.2		Table 1	M	M	M	1.0	0.39	1.3	998310390
160524	1,2-DIBROMOETHANE (EDB)			N		UG/L	0.005	0.05		Table 1	M	M	M	1.0	0.73	2.4	998310390
160524	1,2-DICHLOROETHANE			N		UG/L	0.5	5		Table 1	M	M	M	1.0	0.21	0.70	998310390
160524	1,2-DICHLOROPROPANE			N		UG/L	0.5	5		Table 1	M	M	M	1.0	0.72	2.4	998310390
160524	2-HEXANONE			N		UG/L					M	M	M	5.0	1.2	4.1	998310390
160524	4-METHYL-2-PENTANONE (MIBK)			N		UG/L	50	500		Table 1	M	M	M	5.0	2.1	7.0	998310390
160524	ACETONE			N		UG/L	1800	9000		Table 1	M	M	M	10	3.0	10	998310390
160524	BENZENE			N		UG/L	0.5	5		Table 1	M	M	M	1.0	0.41	1.4	998310390
160524	BROMODICHLOROMETHANE			N		UG/L	0.06	0.6		Table 1	M	M	M	1.0	0.39	1.3	998310390
160524	BROMOMETHANE			N		UG/L	1	10		Table 1	M	M	M	1.0	0.69	2.3	998310390
160524	CARBON DISULFIDE			N		UG/L	200	1000		Table 1	M	M	M	1.0	0.19	0.63	998310390
160524	CARBON TETRACHLORIDE			N		UG/L	0.5	5		Table 1	M	M	M	1.0	0.27	0.90	998310390
160524	CHLOROBENZENE			N		UG/L	20	100		Table 1	M	M	M	1.0	0.75	2.5	998310390
160524	CHLOROETHANE			N		UG/L	80	400		Table 1	M	M	M	1.0	0.32	1.1	998310390
160524	CHLOROFORM			N		UG/L	0.6	6		Table 1	M	M	M	1.0	0.34	1.1	998310390
160524	CHLOROMETHANE			N		UG/L	3	30		Table 1	M	M	M	1.0	0.35	1.2	998310390
160524	CIS-1,2-DICHLOROETHENE			N		UG/L	7	70		Table 1	M	M	M	1.0	0.81	2.7	998310390
160524	CIS-1,3-DICHLOROPROPENE			N		UG/L	0.04	0.4		Table 1	M	M	M	1.0	0.36	1.2	998310390
160524	DIBROMOCHLOROMETHANE			N		UG/L	6	60		Table 1	M	M	M	1.0	0.32	1.1	998310390
160524	DIBROMOMETHANE			N		UG/L					M	M	M	1.0	0.41	1.4	998310390
160524	DICHLORODIFLUOROMETHANE			N		UG/L	200	1000		Table 1	M	M	M	1.0	0.68	2.3	998310390
160524	DICHLOROMETHANE			N		UG/L	0.5	5		Table 1	M	M	M	1.0	0.44	1.5	998310390
160524	ETHYLBENZENE			N		UG/L	140	700		Table 1	M	M	M	1.0	0.74	2.5	998310390
160524	FLUOROTRICHLOROMETHANE			N		UG/L	698	3490		Table 1	M	M	M	1.0	0.88	2.9	998310390
160524	M-DICHLOROBENZENE			N		UG/L	120	600		Table 1	M	M	M	1.0	0.78	2.6	998310390
160524	METHYL ETHYL KETONE (MEK)			N		UG/L	800	4000		Table 1	M	M	M	10	1.3	4.4	998310390
160524	METHYL TERT-BUTYL ETHER (MTBE)			N		UG/L	12	60		Table 1	M	M	M	1.0	0.16	0.53	998310390
160524	NAPHTHALENE			N		UG/L	10	100		Table 1	M	M	M	1.0	0.43	1.4	998310390

License Number: 02981  
 Facility ID Number: 113176030

Hagen Farm Landfill

Sample Date	Parameter	Sample Point:	TB	WDNR Point ID:	999	Qualifier	Value	Units	PAL	ES	Type of Exceedance	Type of Standard	QC			WDNR			
													I	II	III	RL	LOD	LOQ	Lab Cert
160524	O-DICHLOROBENZENE					N		UG/L	60	600		Table 1	M	M	M	1.0	0.79	2.6	998310390
160524	P-DICHLOROBENZENE					N		UG/L	15	75		Table 1	M	M	M	1.0	0.84	2.8	998310390
160524	STYRENE					N		UG/L	10	100		Table 1	M	M	M	1.0	0.73	2.4	998310390
160524	TETRACHLOROETHYLENE					N		UG/L	0.5	5		Table 1	M	M	M	1.0	0.36	1.2	998310390
160524	TETRAHYDROFURAN					N		UG/L	10	50		Table 1	M	M	M	5.0	1.3	4.2	998310390
160524	TOLUENE					N		UG/L	160	800		Table 1	M	M	M	1.0	0.51	1.7	998310390
160524	TRANS-1,2-DICHLOROETHENE (TOTAL)					N		UG/L	20	100		Table 1	M	M	M	1.0	0.90	3.0	998310390
160524	TRANS-1,3-DICHLOROPROPENE					N		UG/L	0.04	0.4		Table 1	M	M	M	1.0	0.37	1.2	998310390
160524	TRIBROMOMETHANE					N		UG/L	0.44	4.4		Table 1	M	M	M	1.0	0.26	0.87	998310390
160524	TRICHLOROETHYLENE					N		UG/L	0.5	5		Table 1	M	M	M	1.0	0.46	1.5	998310390
160524	VINYL CHLORIDE					N		UG/L	0.02	0.2		Table 1	M	M	M	1.0	0.90	3.0	998310390
160524	XYLENES-TOTAL					N		UG/L	400	2000		Table 1	M	M	M	2.0	0.66	2.2	998310390