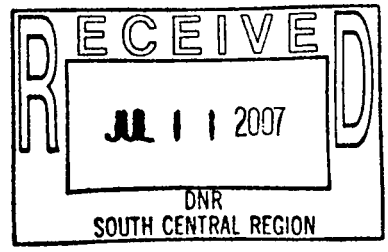
ENVIRONMENTAL SAMPLING CORPORATION

Dedicated to Environmental Monitoring, Science & Technology



July 10, 2007

Mr. Harlan Kuehling, P.G.
Wisconsin Department of Natural Resources
3911 Fish Hatchery Road
Fitchburg, WI 53711

Re: Refuse Hideaway Landfill – Middleton, WI (License #01953)
May 2007 Laboratory Analytical Results

Dear Mr. Kuehling:

Enclosed please find the diskette and exceedance summary for the groundwater and private well monitoring conducted at the Refuse Hideaway Landfill (RHL) in May 2007. A copy of the laboratory analytical data was sent to you vial e-mail on July 10, 2007.

In accordance with the Scope of Work for Groundwater Sampling at RHL, revised March 2007, Environmental Sampling Corporation (ESC) staff was on site May 22-24, 2007 to collect samples from 45 groundwater monitoring wells and eight private wells. ESC staff also collected groundwater elevation measurements from an additional 16 groundwater monitoring wells. One groundwater monitoring well, P-17S, contained 0.1 gallon of water during the May 2007 event. This low volume of water was not sufficient to collect a representative sample from the well. All other groundwater monitoring wells and private water supply wells discussed above were sampled during the May 2007 monitoring event.

The groundwater and drinking water samples collected were packed on ice and shipped to CT Laboratories (WI cert. #157066030). In accordance with ESC's QA/QC procedures, trip blanks, duplicate samples, and a field blank were included with the shipments.

NR140 Exceedances

Laboratory analytical results were compared to the WDNR Ch. NR140 Preventive Action Limits (PAL) and Enforcement Standards (ES). Twenty-seven of the 45 groundwater monitoring wells had one or more VOC concentration detected above NR140 standards in the samples collected during the May 2007 event. Of these 27 wells, 14 groundwater well samples had VOC concentrations detected in excess of the ES. NR140 exceedances are listed in the attached exceedance summary table and are discussed below.

- Benzene was detected in excess of the PAL in the samples collected from P-9D and P-16D. These wells are located downgradient of the facility and are in close proximity to the limits of waste. The benzene detections are consistent with recent analytical data.

- Concentrations of chloromethane in excess of the PAL were detected in the samples collected from monitoring wells P-8D, P-9D, P-16D, P-21S, and P-24E. These concentrations reported were all between the LOD and LOQ and are estimated

concentrations not confirmed by the laboratory. These estimated concentrations are not considered exceedances under NR140 and have been flagged as such on the attached exceedance summary. Chloromethane has not consistently been detected in the samples collected from these wells. Chloromethane was not detected in the samples collected from any other wells during the May 2007 monitoring event.

- 1,2-dichloropropane was detected in excess of the PAL in the samples collected from P-9D and P-16D. The concentration detected in the sample collected from P-16D was an estimated concentration between the LOD and LOQ and is not considered an exceedance under NR140 standards. The 1,2-dichloropropane detection at P-16D has been flagged on the exceedance report. The concentrations in the samples collected from P-9D and P-16D are similar to recent analytical data.

- Tetrahydrofuran was detected in excess of the PAL in the sample collected from P-16D and in excess of the ES in the sample collected from P-9D. Concentrations of tetrahydrofuran in these downgradient wells are slightly higher than recent historic data. Tetrahydrofuran was not detected in the samples collected from any of the other monitoring wells sampled during May 2007.

- Concentrations of tetrachloroethene in excess of the PAL were detected in samples collected from 14 monitoring wells in May 2007 (P-8S, P-9S, P-20SR, P-22S, P-22D, P-23S, P-23D, P-25BR, P-25D, P-26D, P-28S, P-29S, P-40D, and P-40I). The tetrachloroethene concentrations detected in the samples collected from P-8S, P-9S, P-23D, P-25D, P-29S, and P-40D were estimated concentrations at or below the LOQ and were flagged as such on the exceedance summary. Concentrations of tetrachloroethene in excess of the ES were detected in the samples collected from an additional six monitoring wells (P-18S, P-26S, P-27D, P-27S, P-31IA, and P-31IB). Detections of tetrachloroethene are widespread at the facility and are similar to historic data. Groundwater samples with the highest concentrations of tetrachloroethene are closest in proximity to the closed, unlined facility.

- Trichloroethene concentrations exceeded the PAL in the samples collected from 11 groundwater monitoring wells (P-9D, P-16D, P-18S, P-22S, P-22D, P-25D, P-26S, P-27S, P-31IA, P-31IB, and P-40I) and exceeded the ES in the sample collected from P-27D. Concentrations are similar to recent analytical data and are highest in concentration in the wells located around the facility.

- Concentrations of vinyl chloride were detected in excess of the NR140 ES in the samples collected from eight groundwater monitoring wells (P-9D, P-16D, P-21D, P-24D, P-24E, P-25D, P-26D, and P-26S) sampled in May 2007. The concentrations of vinyl chloride in the samples collected from P-9D, P-16D, and P-26D were detected between the LOD and LOQ which cannot be confirmed by the laboratory and should be considered estimates. These detections are not considered exceedances under NR140 standards, and have been flagged as such on the attached exceedance summary. The vinyl chloride concentrations are related to landfill gas migration and are highest in concentration at the wells located immediately south of the facility. Gas wells along the perimeter and interior of the landfill should be adjusted to increase the flow (vacuum) applied to the gas wells to minimize landfill gas migration.

- Two of the eight private wells sampled for VOCs (PW-Noles and PW-Stoppleworth) had concentrations of tetrachloroethene and trichloroethene detected in excess of NR140 standards. The concentration of trichloroethene at PW-Stoppleworth was between the LOD and LOQ and was flagged on the attached exceedance summary. These private water supply wells currently have water treatment systems installed at the residences; the May 2007 samples were collected prior to the water treatment systems. Additional low-level VOCs detected at these wells were below NR140 standards. No VOCs were detected at the remaining six private wells sampled in May 2007.

Additional Information

Low-level VOCs detected at concentrations less than the NR140 PAL were not discussed above, but are included on the electronic data file submitted with this report. The low-level VOCs were also included on the laboratory analytical report that was sent to you via electronic mail on July 10, 2007. The following 12 groundwater monitoring wells did not contain VOCs at or above the laboratory limit of detection during the May 2007 event: P-25S, P-30I, P-30D, P-31D, P-31S, P-32D, P-32S, P-33D, P-34D, P-41D, P-43I, and P-43S. Additionally, no VOCs were detected from the following six drinking water wells: PW-Bonk, PW-Bula, PW-Sather, PW-Summers, PW-Wheat/Krueger, and PW-Tantrow/Thompson.

Acetone was detected at a concentration between the LOD and LOQ in the QA/QC field blank (FB-01). Acetone was also detected at similar concentrations between the LOD and LOQ in the samples collected from P-8D, P-9D, and P-16D. All concentrations of acetone detected were well below the NR140 PAL and may have been a result of field or laboratory contamination.

Dichloromethane (methylene chloride) was detected at a low level in each of the three QA/QC trip blanks. The dichloromethane detections in the trip blanks were a result of laboratory contamination; no dichloromethane was detected in the groundwater or drinking water samples.

ESC staff repaired several pumps and/or fittings during the May 2007 monitoring event. The repairs conducted during the event as well as the repairs proposed for future events were detailed in the field status report.

Please contact Frank Perugini or me at 414-427-5033 if you have any questions regarding this submittal.

Sincerely,

Environmental Sampling Corporation

Tracy Ipavec
Sr. Environmental Specialist

Enclosures

cc: Mr. Frank Perugini - ESC

REFUSE HIDEAWAY LANDFILL
WDNR License #01953
Exceedance Summary - May 2007

Well ID (WDNR ID)	Date	Parameter	PAL / ES (ug/L)	Result (ug/L)	Exceedance
P-21D (113)	05/23/07	Vinyl Chloride	0.02 / 0.2	2.0	ES
P-8D (114)	05/22/07	Chloromethane +	0.3 / 3	0.5	PAL +
P-24D (115)	05/22/07	Vinyl Chloride	0.02 / 0.2	2.3	ES
P-24E (116)	05/22/07	Chloromethane +	0.3 / 3.0	0.45	PAL +
	05/22/07	Vinyl Chloride	0.02 / 0.2	1.6	ES
P-25D (118)	05/23/07	Tetrachloroethene +	0.5 / 5	0.98	PAL +
	05/23/07	Trichloroethene	0.5 / 5	2.8	PAL
	05/23/07	Vinyl Chloride	0.02 / 0.2	0.68	ES
P-25BR (119)	05/23/07	Tetrachloroethene	0.5 / 5	1.6	PAL
P-26D (120)	05/22/07	Tetrachloroethene	0.5 / 5	1.6	PAL
	05/22/07	Vinyl Chloride +	0.02 / 0.2	0.23	ES +
P-27S (121)	05/22/07	Tetrachloroethene	0.5 / 5	14	ES
	05/22/07	Trichloroethene	0.5 / 5	2.1	PAL
P-27D (122)	05/22/07	Tetrachloroethene	0.5 / 5	39	ES
	05/22/07	Trichloroethene	0.5 / 5	6.1	ES
P-28S (123)	05/25/07	Tetrachloroethene	0.5 / 5	3.6	PAL
P-8S (125)	05/22/07	Tetrachloroethene +	0.5 / 5	0.99	PAL +
P-16D (127)	05/22/07	Benzene	0.5 / 5	2.5	PAL
	05/22/07	Chloromethane +	0.3 / 3	0.55	PAL +
	05/22/07	1,2-Dichloropropane +	0.5 / 5	0.70	PAL +
	05/22/07	Tetrahydrofuran	10 / 50	48	PAL
	05/22/07	Trichloroethene	0.5 / 5	0.80	PAL
	05/22/07	Vinyl Chloride +	0.02 / 0.2	0.36	ES +
P-18S (129)	05/24/07	Tetrachloroethene	0.5 / 5	15	ES
	05/24/07	Trichloroethene	0.5 / 5	2.3	PAL
P-21S (133)	05/23/07	Chloromethane +	0.3 / 3	0.43	PAL +
P-22S (135)	05/23/07	Tetrachloroethene	0.5 / 5	3.9	PAL
	05/23/07	Trichloroethene	0.5 / 5	1.2	PAL
P-22D (136)	05/23/07	Tetrachloroethene	0.5 / 5	2.1	PAL
	05/23/07	Trichloroethene	0.5 / 5	0.55	PAL
P-23S (137)	05/23/07	Tetrachloroethene	0.5 / 5	1.6	PAL
P-23D (138)	05/23/07	Tetrachloroethene +	0.5 / 5	1.5	PAL +
P-9S (139)	05/22/07	Tetrachloroethene +	0.5 / 5	0.64	PAL +
P-9D (140)	05/23/07	Benzene	0.5 / 5	1.9	PAL
	05/23/07	Chloromethane +	0.3 / 3	0.5	PAL +
	05/23/07	1,2-Dichloropropane	0.5 / 5	1.5	PAL
	05/23/07	Tetrahydrofuran	10 / 50	54	ES
	05/23/07	Trichloroethene	0.5 / 5	0.66	PAL
	05/23/07	Vinyl Chloride +	0.02 / 0.2	0.39	ES +

REFUSE HIDEAWAY LANDFILL
WDNR License #01953
Exceedance Summary - May 2007

Well ID (WDNR ID)	Date	Parameter	PAL / ES (ug/L)	Result (ug/L)	Exceedance
P-26S (141)	05/22/07	Tetrachloroethene	0.5 / 5	17.0	ES
	05/22/07	Trichloroethene	0.5 / 5	2.6	PAL
	05/22/07	Vinyl Chloride	0.02 / 0.2	0.91	ES
P-31IA (146)	05/23/07	Tetrachloroethene	0.5 / 5	5.0	ES
	05/23/07	Trichloroethene	0.5 / 5	1.5	PAL
P-31IB (147)	05/23/07	Tetrachloroethene	0.5 / 5	5.2	ES
	05/23/07	Trichloroethene	0.5 / 5	1.6	PAL
P-40D (161)	05/24/07	Tetrachloroethene +	0.5 / 5	0.73	PAL +
P-40I (162)	05/24/07	Tetrachloroethene	0.5 / 5	4.7	PAL
	05/24/07	Trichloroethene	0.5 / 5	1.3	PAL
P-20SR (167)	05/23/07	Tetrachloroethene	0.5 / 5	2.6	PAL
P-29S (168)	05/25/07	Tetrachloroethene +	0.5 / 5	1.3	PAL +
Stoppleworth	05/24/07	Tetrachloroethene	0.5 / 5	3.4	PAL
(311)	05/24/07	Trichloroethene +	0.5 / 5	0.61	PAL +
Noles	05/24/07	Tetrachloroethene	0.5 / 5	5.2	ES
(312)	05/24/07	Trichloroethene	0.5 / 5	2.0	PAL

Notes:

+ - The VOC concentration reported was an estimated concentration between the LOD and LOQ and is not considered an exceedance under NR140 standards.

ug/L = micrograms per liter

ES = NR 140 Enforcement Standard

PAL = NR140 Preventive Action Limit

State of Wisconsin
Department of Natural Resources

Environmental Monitoring Data Certification

Form 4400-231(R 1/04)

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/3
  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):

Environmental Sampling Corporation

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

Name: Pat Letterer (CT Laboratories) Phone: (608) 356-2760

E-mail: pletterer@ctlaboratories.com

Facility name:	License # / Monitoring ID	Facility ID [FID]	Actual sampling dates (e.g., July 2-6, 2003)
Refuse Hideaway Landfill	01953	113112010	May 22-25, 2007

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

May 2007

Type of Data Submitted (Check all that apply)

- [X] Groundwater monitoring data from monitoring wells
- [X] Groundwater monitoring data from private water supply wells
- [ ] Leachate monitoring d ata
- [ ] Gas monitoring data
- [ ] Air monitoring data
- [ ] Other (specify)

Notification attached?

- [ ] No. No groundwater standards or explosive gas limits were exceeded.
- [X] 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.

Tracy Ipavec — Facility Representative Name (Print)

Sr. Environmental Specialist — Title

(414) 427-5033 — (Area Code) Telephone No.

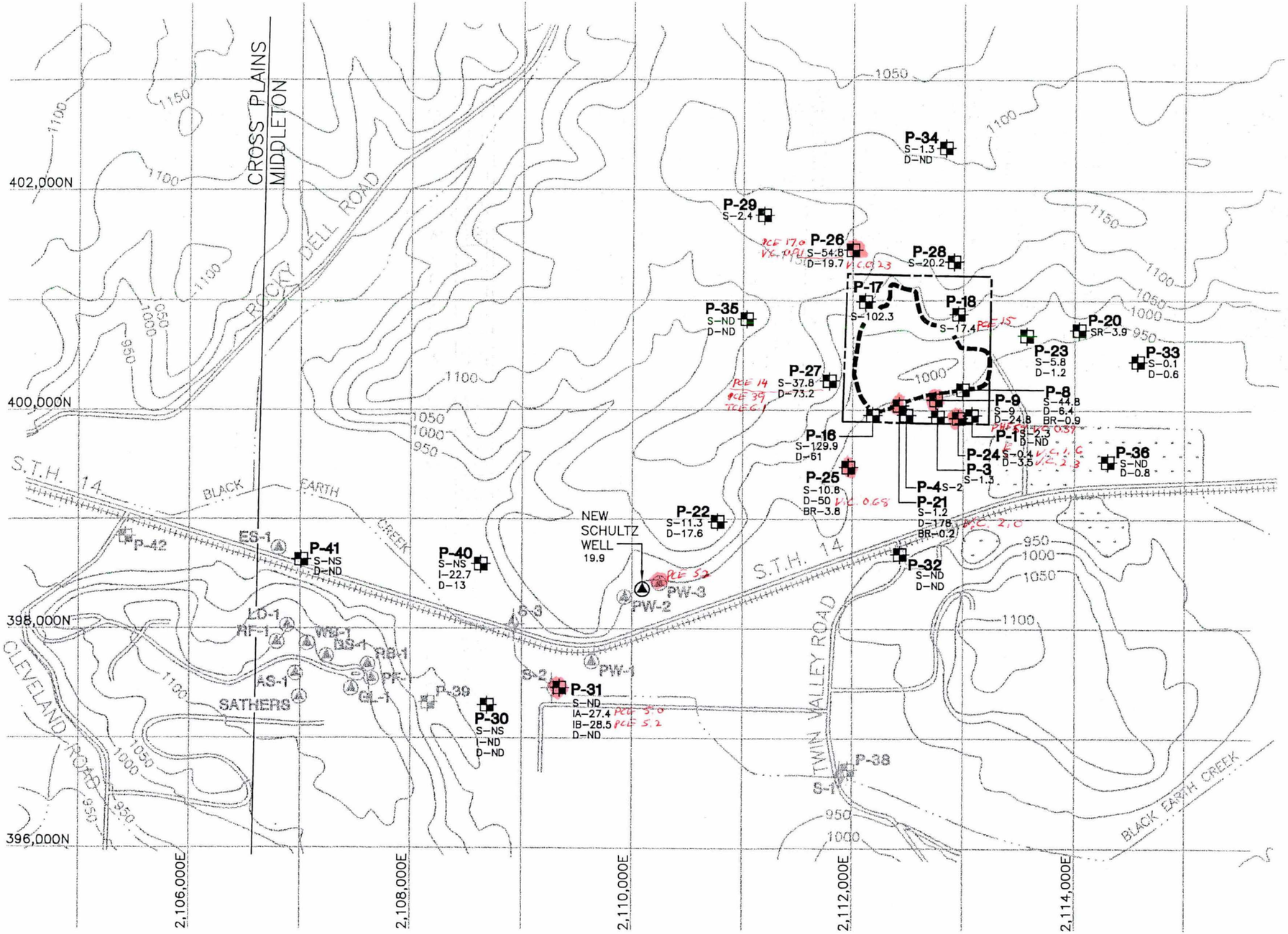
Tracy Ipavec — Signature

07/10/07 — 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** _____



LEGEND

- REFUSE HIDEAWAY LANDFILL PROPERTY BOUNDARY
- FILL LIMITS
- P-34 S-1.3 D-ND — MONITORING WELL LOCATION, NUMBER, AND TOTAL VOC GROUNDWATER RESULTS IN ug/L (S = SHALLOW, I = INTERMEDIATE, D = DEEP)
- P-38 — MONITORING WELL LOCATION AND NUMBER (NOT SAMPLED)
- PW-1 — PRIVATE WELL LOCATION AND NUMBER (NOT SAMPLED)
- NEW SCHULTZ WELL LOCATION AND TOTAL VOC GROUNDWATER RESULTS IN ug/L
- S-1 — STAFF GAGE LOCATION AND NUMBER
- RAILROAD
- WETLANDS
- CREEK OR INTERMITTENT STREAM

NOTE

1. BASE MAP DEVELOPED FROM MARCH 1991 EXISTING CONDITIONS PLAN FOR REFUSE HIDEAWAY LANDFILL, PREPARED BY HYDRO-SEARCH, INC., DATED JUNE 20, 1994.
2. TOTAL GROUNDWATER VOC RESULTS OBTAINED FROM GROUNDWATER SAMPLING CONDUCTED BY MONTGOMERY WATSON DURING FEBRUARY AND MARCH 1998.

ES exceedances

north

0 1000 2000

SCALE IN FEET

Developed By RJR Drawn By DLF
Approved By Date 4-22-98
Reference 1242161.01120201-B1
Revisions

TOTAL VOCs - GROUNDWATER

PREDESIGN AND ADDITIONAL STUDIES
REFUSE HIDEAWAY LANDFILL
MIDDLETON, WISCONSIN

Drawing Number
1242161
01258001 B1

MONTGOMERY WATSON

Management Review — Other
Technical Review — 4-20-98
Project Manager — 4-20-98
QUALITY CONTROL
Graphic Standards DLF
Lead Professional RJR
4-20-98

This document has been developed for a specific application and may not be used without written approval of Montgomery Watson.

ENVIRONMENTAL SAMPLING CORPORATION

Dedicated to Environmental Monitoring, Science & Technology

February 8, 2008

Mr. Harlan Kuehling, P.G.
Wisconsin Department of Natural Resources
3911 Fish Hatchery Road
Fitchburg, WI 53711

Re: Refuse Hideaway Landfill – Middleton, WI (License #01953)
November 2007 Laboratory Analytical Results

Dear Mr. Kuehling:

Enclosed please find the diskette, exceedance summary, and data certification page for the groundwater and private well monitoring conducted at the Refuse Hideaway Landfill (RHL) in November 2007. A copy of the laboratory analytical data was also sent to you via e-mail on February 8, 2008.

In accordance with the Scope of Work for Groundwater Sampling at RHL, revised March 2007, Environmental Sampling Corporation (ESC) staff was on site November 5-7, 2007 to collect samples from 23 groundwater monitoring wells and nine private wells. ESC staff also collected groundwater elevation measurements from an additional 38 groundwater monitoring wells. One groundwater monitoring well, P-17S, contained 0.3 gallons of water during the November 2007 event. This low volume of water was not sufficient to collect a representative sample from the well. All other groundwater monitoring wells and private water supply wells discussed above were sampled during the November 2007 monitoring event in accordance with the Scope of Work.

The groundwater and drinking water samples collected were packed on ice and shipped to CT Laboratories (WI cert. #157066030). In accordance with ESC's QA/QC procedures, trip blanks, duplicate samples, and a field blank were included with the shipments.

NR140 Exceedances

Laboratory analytical results were compared to the WDNR Ch. NR140 Preventive Action Limits (PAL) and Enforcement Standards (ES). Fifteen of the 23 groundwater monitoring wells had one or more VOC concentration detected above NR140 standards in the samples collected during the November 2007 event. Of these 15 wells, nine groundwater well samples had one or more VOC concentration detected in excess of the ES. NR140 exceedances are listed in the attached exceedance summary table and are discussed below.

- Concentrations of tetrachloroethene in excess of the ES were detected in the samples collected from eight monitoring wells in November 2007 (P-18S, P-22E, P-26S, P-27D, P-27S, P-31IA, P-31IB, and P-40I). Concentrations of tetrachloroethene in excess of the PAL were detected in samples collected from five monitoring wells (P-20SR, P-22D, P-22S, P-23S, and P-25BR). Samples collected from two additional wells (P-23D and P-

25D) had concentrations of tetrachloroethene detected above the PAL but below the laboratory limit of quantitation (LOQ). These are estimated concentrations not considered exceedances in accordance with NR140.14(3)(c) and are not included on the attached exceedance table. Detections of tetrachloroethene are widespread at the facility and are similar to historic data. Groundwater samples with the highest concentrations of tetrachloroethene are closest in proximity to the closed, unlined facility.

- Trichloroethene concentrations exceeded the PAL in the samples collected from 11 groundwater monitoring wells (P-18S, P-22D, P-22E, P-22S, P-25D, P-26S, P-27D, P-27S, P-31IA, P-31IB, and P-40I). Concentrations of trichloroethene did not exceed the ES in any of the groundwater samples collected in November 2007. Concentrations are similar to or slightly reduced from recent analytical data. The highest trichloroethene concentrations are detected in the samples collected from the wells closely surrounding the facility.

- Vinyl chloride was detected in excess of the NR140 ES in the sample collected from groundwater monitoring well P-26S. This concentration was similar to recent historic data and reduced from vinyl chloride concentrations detected prior to 2002. Vinyl chloride was not detected at concentrations above the laboratory LOQ in the samples collected from the remaining 21 samples collected in November 2007. Vinyl chloride was detected at a concentration above the ES but below the LOQ in the sample collected from P-25D. In accordance with NR140.14(3)(c), this estimated concentration is not considered an exceedance and is not included on the attached exceedance summary. The vinyl chloride concentrations are related to landfill gas migration from the facility. In general, vinyl chloride detections have been reducing over time in both frequency and concentration.

- Two of the nine private wells sampled for VOCs (PW-Noles and PW-Stoppleworth) had concentrations of tetrachloroethene and trichloroethene detected in excess of NR140 standards. The concentration of trichloroethene at PW-Stoppleworth was below the LOQ and was not included on the attached exceedance summary. This estimated concentration is not considered an exceedance in accordance with NR140.14(3)(c). These two private water supply wells currently have water treatment systems installed at the residences; the November 2007 samples were collected prior to the water treatment systems. Additional low-level VOCs detected at these wells were below NR140 standards. No VOCs were detected at the remaining seven private wells sampled in November 2007.

Additional Information

Low-level VOCs detected at concentrations less than the NR140 PAL were not discussed above, but are included on the electronic data file submitted with this report. The low-level VOCs were also included on the laboratory analytical report that was sent to you via electronic mail. The following six groundwater monitoring wells did not contain VOCs at or above the laboratory limit of detection during the November 2007 event: P-30D, P-30I, P-31D, P-43D, P-43I, and P-43S. Additionally, no VOCs were detected from the following seven drinking water wells: PW-Durand, PW-Matush, PW-Rounds, PW-Sather, PW-Sommers, PW-Wagner, and PW-Weber.

Chloroform was detected at a concentration between the LOD and LOQ in the QA/QC field blank (FB-01). Methylene chloride was detected between the LOD and LOQ in one of the QA/QC trip blank samples associated with the November 2007 event. Neither chloroform nor methylene chloride was detected in any of the groundwater or private well samples collected during the November 2007 event.

ESC staff repaired several pumps and/or fittings during the November 2007 monitoring event. The repairs conducted during the event as well as the repairs proposed for future events were detailed in the field status report and subsequent bid proposal.

Please contact Frank Perugini or me at 414-427-5033 if you have any questions regarding this submittal.

Sincerely,

Environmental Sampling Corporation

Tracy Ipavec
Sr. Environmental Specialist

Enclosures

cc: Mr. Frank Perugini - ESC

State of Wisconsin
Department of Natural Resources

Environmental Monitoring Data Certification

Form 4400-231(R 1/04)

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.

Uploaded to GEMS on 02/13/2008 by Millie Solomon;

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/3
  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):

Environmental Sampling Corporation

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

Name: Tracy Ipavec Phone: (414) 427-5033

E-mail: escstaff@yahoo.com

Facility name:	License # / Monitoring ID	Facility ID [FID]	Actual sampling dates (e.g., July 2-6, 2003)
Refuse Hideaway Landfill	01953	113112010	November 5-7, 2007

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

November 2007

Type of Data Submitted (Check all that apply)

- [x] Groundwater monitoring data from monitoring wells
- [x] Groundwater monitoring data from private water supply wells
- [ ] Leachate monitoring data
- [ ] Gas monitoring data
- [ ] Air monitoring data
- [ ] Other (specify)

Notification attached?

- [ ] No. No groundwater standards or explosive gas limits were exceeded.
- [x] 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.

Tracy Ipavec	Sr. Environmental Specialist	(414) 427-5033
Facility Representative Name (Print)	Title	(Area Code) Telephone No.
Tracy Ipavec	02/08/08	
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** _____

REFUSE HIDEAWAY LANDFILL
WDNR License #01953
Exceedance Summary - November 2007

Well ID (WDNR ID)	Date	P-Code	Parameter	PAL / ES (ug/L)	Result (ug/L)	Exceedance
P-25D (118)	11/07/07	39180	Trichloroethene	0.5 / 5	2.0	PAL
P-25BR (119)	11/07/07	34475	Tetrachloroethene	0.5 / 5	1.5	PAL
P-27S (121)	11/05/07	34475	Tetrachloroethene	0.5 / 5	11	ES
	11/05/07	39180	Trichloroethene	0.5 / 5	1.4	PAL
P-27D (122)	11/05/07	34475	Tetrachloroethene	0.5 / 5	36	ES
	11/05/07	39180	Trichloroethene	0.5 / 5	4.7	PAL
P-18S (129)	11/07/07	34475	Tetrachloroethene	0.5 / 5	12	ES
	11/07/07	39180	Trichloroethene	0.5 / 5	1.8	PAL
P-22S (135)	11/06/07	34475	Tetrachloroethene	0.5 / 5	3.9	PAL
	11/06/07	39180	Trichloroethene	0.5 / 5	1.0	PAL
P-22D (136)	11/06/07	34475	Tetrachloroethene	0.5 / 5	2.6	PAL
	11/06/07	39180	Trichloroethene	0.5 / 5	0.59	PAL
P-23S (137)	11/06/07	34475	Tetrachloroethene	0.5 / 5	3.2	PAL
P-26S (141)	11/06/07	34475	Tetrachloroethene	0.5 / 5	13	ES
	11/06/07	39180	Trichloroethene	0.5 / 5	1.9	PAL
	11/06/07	39175	Vinyl Chloride	0.02 / 0.2	0.73	ES
P-31IA (146)	11/06/07	34475	Tetrachloroethene	0.5 / 5	6.3	ES
	11/06/07	39180	Trichloroethene	0.5 / 5	1.6	PAL
P-31IB (147)	11/06/07	34475	Tetrachloroethene	0.5 / 5	5.9	ES
	11/06/07	39180	Trichloroethene	0.5 / 5	1.5	PAL
P-40I (162)	11/06/07	34475	Tetrachloroethene	0.5 / 5	7.0	ES
	11/06/07	39180	Trichloroethene	0.5 / 5	1.6	PAL
P-20SR (167)	11/06/07	34475	Tetrachloroethene	0.5 / 5	2.5	PAL
P-22E (174)	11/06/07	34475	Tetrachloroethene	0.5 / 5	6.9	ES
	11/06/07	39180	Trichloroethene	0.5 / 5	1.4	PAL
Stoppleworth (311)	11/06/07	34475	Tetrachloroethene	0.5 / 5	3.1	PAL
Noles (312)	11/06/07	34475	Tetrachloroethene	0.5 / 5	5.7	ES
	11/06/07	39180	Trichloroethene	0.5 / 5	1.9	PAL

Notes:

ug/L = micrograms per liter

ES = NR 140 Enforcement Standard

PAL = NR140 Preventive Action Limit

The VOC concentrations detected above NR140 standards but below the laboratory limit of quantitation are not considered exceedances under NR140 standards and have not been included in the exceedance summary.

COPY

Environmental Sampling Corp. (ESC)
Field Status Report – November 2007

WDNR / Refuse Hideaway Landfill
Middleton, Wisconsin

Task	Sampling Period / Date	Sample Type / Description
I	11/05/07 – 11/07/07	Groundwater Monitoring Wells
II	11/6/07	Residential Wells
III	11/5/07 – 11/07/07	Ground Water Elevations
IV	11/07/07	Reporting
V	11/07/07	Well Repairs

Project Status

I. *Groundwater Sampling:* ESC staff was on site November 5 through November 7 to sample the groundwater the following groundwater monitoring wells: P-17S, P-18S, P-20SR, P-22D, P-22S, P-22E, P-23D, P-23S, P-25BR, P-25D, P-26S, P-27D, P-27S, P-30D, P-30I, P-31D, P-31IA, P-31IB, P-40D, P-40I, P-43S, P-43I & P-43D. Monitoring well P-17S was not sampled because the well contained an insufficient volume of water to collect a sample. The remaining wells were purged and sampled using submersible electric pumps, dedicated bladder pumps or bailers. One duplicate sample (DUP01) was collected at P-27D in accordance with ESC's QA/QC procedures. A field blank (FB-01) was collected near P-29S. Several laboratory trip blanks also accompanied the samples. Groundwater elevations were also measured at 38 additional monitoring wells during the November 2007 event.

II. *Residential Well Sampling:* ESC staff was on site November 6, 2007 to collect nine residential drinking water supply well samples (PW-Sather, PW-Matush, PW-Sommer, PW-Weber, PW-Durand, PW-Wagner, PW-Rounds, PW-Stoppleworth, & PW-Noles). One trip blank and one duplicate sample (PW-Rounds) accompanied the samples in accordance with ESC's QA/QC procedures.

III. *Groundwater Elevations:* ESC staff was on site November 5 through November 7 to collect the groundwater elevations from all of the remaining monitoring wells on site. Results were recorded on ESC's Field Sheet.

IV. *Reporting*: ESC staff updated the water table sheets and equipment sheets for the November sampling event, reviewed the May 2007 field sheets, updated the monitoring summaries and requested DIDs from the WDNR. ESC staff also prepared a proposal to conduct additional repairs at the site.

V. *Well Repairs*: During the semi-annual sampling event, ESC conducted minor groundwater well repairs. The repairs consisted of:
- Installing a new bladder at P-40I
- Installing new air line fittings at the P-31's
- Installing discharge tubing fittings at five wells
- Installed a new protective casing at P-24D
- Removed the concrete pads and re-established bentonite surface seals at P-31S & P-40I
- Removed overgrown vegetation at several wells
- Installed weep holes at several wells

Task Deviations and Reporting Turnaround

Test results will be available in approximately 30 days.

Field Observations

- Dup-01 = P-27D
- Break in well @ P-16S approximately 10.5 feet below ground surface.
- Monitoring well P-17S contained an insufficient volume of water to collect a sample.

Proposed Additional Actions

- Well Repairs.

Other Observations

- None.

Rev. 3/2006

Chain of Custody

Page 1 of 1

Company: ESC
Project Contact: Frank Perrigino
Telephone: 414-427-5039
Project Name: RHL-11107
Project Number: —
Project Location: Madison, WI
Sampled By: SF, JM, TI

Regulatory Program:
UST RCRA SDWA NPDES
Solid Waste Other _____

CT LABORATORIES

1230 Lange Court, Baraboo, WI 53913
608-356-2760 Fax 608-356-2766
www.ctlaboratories.com

Turnaround Time
Normal RUSH*
Date Needed _____

*Notify Lab prior to sending in RUSH samples. Surcharges:
24 hr 200% 2-3 days 100% 4-9 days 50%, subject to change without notice.

Lab Use Only
Place Header Sticker Here:

Mail Report To:
Company: ESC
Address: W125 S9808 North Cape Rd.
City/State/Zip: Muskego, WI 53150

Invoice To:
Company: See Above
Address:
City/State/Zip:

PO No.

Client Special Instructions:

Landfill License Number: 001953 # 00572

ANALYSES REQUESTED

Collection Date	Collection Time	Grab/ Comp	Sample ID Description	Filtered? Y/N	**Matrix:	V-Hal VOCs (8260)								Total # of Containers	Preservation*	Lab ID #
				Fill in Spaces with Bottles per Test												
11/6/07	0945	G	P-26S	N	GW	3								3	B	
	1320		P-22D			3								3		
	1210		P-22E			3								3		
	1200		P-22S			3								3		
	1500		P-12I			3								3		
11/6/07	1400		P-42S			3								3		
11/7/07	1030		P-43D			3								3		
	1220		P-18S			3								3		
	1250		P-25BR			3								3		
11/7/07	1300	G	P-25D	N	GW	3								3	B	
—	—	—	Trip Blank	N	—	1								1	B	

Relinquished By:	Date/Time	Relinquished By:	Date/Time
[signature]	11/7/07 1700		
Received by:	Date/Time	Received for Laboratory by:	Date/Time

Ice Present Yes No
Temperature _____
Cooler # _____

**Matrix
S-Soil A-Air Sl-Sludge M-Misc Waste
GW-Groundwater SW-Surface Water
WW-Wastewater DW-Drinking Water

* Preservation Code
A=None B=HCL
C=H2SO4 D=HNO3
E=Encore F=Methanol
G=NaOH
O=Other _____

Rev. 3/2006

Chain of Custody

Page 1 of 3

Company: ESC
Project Contact: Frank Perrigine
Telephone: 414-427-5039
Project Name: RHL-11/07
Project Number: —
Project Location: Madison, WI
Sampled By: SF, JM, TI

Regulatory Program:
UST RCRA SDWA NPDES
Solid Waste Other _____

CT LABORATORIES

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608-356-2760 Fax 608-356-2766
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Address: W125 S9808 North Cape Rd
City/State/Zip: Muskego, WI 53150

Invoice To:
Company: See Above
Address:
City/State/Zip:

PO No.

Client Special Instructions:

Landfill License Number: # 00572

ANALYSES REQUESTED

Collection Date	Collection Time	Grab/ Comp	Sample ID Description	Filtered? Y/N	**Matrix:	V-HCL VOCs 624.2)							Total # of Containers	Preservation*	Lab ID #
			Fill in Spaces with Bottles per Test												
11/06/07	1125	G	PW-Sather	N	DW	3							3	B	
	1025		PW-Weber			3							3	B	
	1030		PW-Sommers			3							3	B	
	1055		PW-Matush			3							3	B	
	1100		PW-Durand			3							3	B	
	1150		PW-Wagner			3							3	B	
	1250		PW-Rowntree			3							3	B	
	1220		PW-Noles			3							3	B	
	1215		PW-Stapleworth			3							3	B	
11/06/07	1250	G	PW-DUP	N	DW	3							3	B	
—	—	G	Trip Blank	N	DW	1							1	~~B~~ 3 B	B

* Preservation Code
A=None B=HCL
C=H2SO4 D=HNO3
E=Encore F=Methanol
G=NaOH
O=Other _____

Relinquished By:	Date/Time	Relinquished By:	Date/Time
[signature]	11/6/07 1730		
Received by:	Date/Time	Received for Laboratory by:	Date/Time

Ice Present Yes No
Temperature _____
Cooler # _____

**Matrix
S-Soil A-Air Sl-Sludge M-Misc Waste
GW-Groundwater SW-Surface Water
WW-Wastewater DW-Drinking Water

Rev. 3/2006

Chain of Custody

Page 2 of 3

Company: ESC
Project Contact: Frank Perrgini
Telephone: 414-427-5039
Project Name: RHL-11/07
Project Number: —
Project Location: Madison, WI
Sampled By: SF, JM, TI

Regulatory Program:
UST RCRA SDWA NPDES
Solid Waste Other _____

CT LABORATORIES

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Turnaround Time
Normal RUSH*
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City/State/Zip:

PO No.

Client Special Instructions:

Landfill License Number: #00572

ANALYSES REQUESTED

Collection Date	Collection Time	Grab/ Comp	Sample ID Description	Filtered? Y/N	**Matrix:	V-HCL VOCs (8260)								Total # of Containers	Preservation*	Lab ID #
				Fill in Spaces with Bottles per Test												
11/6/07	1430	G	P-20SR	N	GW	3								3	B	
	1200		P-23D			3								3	B	
	1210		P-23S			3								3	B	
	0940		P-40D			3								3	B	
11/6/07	1025		P-40I			3								3	B	
11/5/07	1610		P-30D			3								3	B	
	1530		P-30I			3								3	B	
	1460		P-31D			3								3	B	
	1430		P-31IA			3								3	B	
11/5/07	1440	G	P-31IB	N	GW	3								3	B	
—	—	G	Trip Blank	N	GW	1								1	B	

* Preservation Code
A=None B=HCL
C=H2SO4 D=HNO3
E=Encore F=Methanol
G=NaOH
O=Other _____

Relinquished By:	Date/Time	Relinquished By:	Date/Time
[signature]	11/6/07 1730		
Received by:	Date/Time	Received for Laboratory by:	Date/Time
[signature]			

Ice Present Yes No
Temperature _____
Cooler # _____

**Matrix
S-Soil A-Air SI-Sludge M-Misc Waste
GW-Groundwater SW-Surface Water
WW-Wastewater DW-Drinking Water

Rev. 3/2006

Chain of Custody

Page 3 of 3

Company: ESC
Project Contact: Frank Perrapinc
Telephone: 414-427-5038
Project Name: RHL-11/07
Project Number: —
Project Location: Madison, WI
Sampled By: SF, JM, TI

Regulatory Program:
UST RCRA SDWA NPDES
Solid Waste Other _____

CT LABORATORIES
1230 Lange Court, Baraboo, WI 53913
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PO No.

Client Special Instructions:

Landfill License Number: # 00572

ANALYSES REQUESTED

Collection Date	Collection Time	Grab/ Comp	Sample ID Description	Filtered? Y/N	**Matrix:	V-HCL VOCs (8260)								Total # of Containers	Preservation*	Lab ID #
			Fill in Spaces with Bottles per Test													
11/5/07	1600	G	P-27S	N	GW	3								3	B	
	1500		P-27D			3								3	B	
	1500		DUP-01			3								3	B	
	1530		FB-01	N	GW	3								3	B	
11/5/07	—	G	P-17S	~~N~~	—	Insufficient Volume - No Sample										

* Preservation Code
A=None B=HCL
C=H2SO4 D=HNO3
E=Encore F=Methanol
G=NaOH
O=Other _____

Relinquished By:	Date/Time	Relinquished By:	Date/Time
Isaac Spake	11/6/07 1730		
Received by:	Date/Time	Received for Laboratory by:	Date/Time

Ice Present Yes No
Temperature _____
Cooler # _____

**Matrix
S-Soil A-Air SI-Sludge M-Misc Waste
GW-Groundwater SW-Surface Water
WW-Wastewater DW-Drinking Water

REFUSE HIDEAWAY LANDFILL
DANE COUNTY, WI
2007 MONITORING SYSTEM SUMMARY - 05/07

GROUNDWATER

TASK	MONITORING POINTS	PARAMETERS	FREQUENCY
I.	P-1D, P-1S, P-3S, P-4S, P-8BR, P-30S, P-33S, P-35S, P-35D, P-36D, P-36S, P-38S, P-39S, P-40S, P-41S, P-42S	groundwater elevation (ft MSL)	May 2007 (2009, 2010, 2012, 2013, etc.)
II.	P-8D, P-8S, P-9D, P-9S, P-16S, P-16D, P-17S, P-18S, P-20SR, P-21S, P-21D, P-21BR, P-22D, P-22E, P-22S, P-23D, P-23S, P-24D, P-24E, P-25S, P-25D, P-25BR, P-26S, P-26D, P-27D, P-27S, P-28S, P-29S, P-30D, P-30I, P-31D, P-31IA, P-31IB, P-31S, P-32D, P-32S, P-33D, P-34S, P-34D, P-40D, P-40I, P-41D, P-43D, P-43I, P-43S, DUP-01, DUP-02, FB-01 ***(48 samples)***	groundwater elevation (ft. MSL) field pH field conductivity field temperature field observations VOCs (8260)	May 2007 (2009, 2010, 2012, 2013, etc.)
III.	P-1D, P-1S, P-3S, P-4S, P-8BR, P-8D, P-8S, P-9D, P-9S, P-16D, P-16S, P-21BR, P-21D, P-21S, P-24D, P-24E, P-25S, P-26D, P-26S, P-29S, P-30S, P-31S, P-32D, P-32S, P-33D, P-33S, P-34S, P-34D, P-35S, P-35D, P-36D, P-36S, P-38S, P-39S, P-40S, P-41D, P-41S, P-42S	groundwater elevation (ft. MSL)	November
IV.	P-17S, P-18S, P-20SR, P-22D, P-22E, P-22S, P-23D, P-23S, P-25D, P-25BR, P-26S, P-27D, P-27S, P-30D, P-30I, P-31D, P-31IA, P-31IB, P-40D, P-40I, P-43D, P-43I, P-43S, DUP-01, FB-01 ***(23 samples)***	groundwater elevation (ft. MSL) field pH field conductivity field temperature field observations VOCs (8260)	November
V.	P-1D, P-1S, P-3S, P-4S, P-30S, P-36D, P-36S, P-38S, P-39S, P-40S, P-41S, P-42S	groundwater elevation (ft MSL)	Every third year in May (2008, 2011, 2014, etc.)
VI.	P-8BR, P-8D, P-8S, P-9D, P-9S, P-16S, P-16D, P-17S, P-18S, P-20SR, P-21S, P-21D, P-21BR, P-22D, P-22E, P-22S, P-23D, P-23S, P-24D, P-24E, P-25S, P-25D, P-25BR, P-26S, P-26D, P-27D, P-27S, P-28S, P-29S, P-30D, P-30I, P-31D, P-31IA, P-31IB, P-31S, P-32D, P-32S, P-33D, P-33S, P-34S, P-34D, P-35D, P-35S, P-40D, P-40I, P-41D, P-43D, P-43I, P-43S, DUP-01, DUP-02, FB-01 ***(52 samples)***	groundwater elevation (ft. MSL) field pH field conductivity field temperature field observations VOCs (8260)	Every third year in May (2008, 2011, 2014, etc.)

REFUSE HIDEAWAY LANDFILL
DANE COUNTY, WI
2007 MONITORING SYSTEM SUMMARY - 05/07

GROUNDWATER (CONT.)

TASK	MONITORING POINTS	PARAMETERS	FREQUENCY
VII.	P-8BR, P-9D, P-24D, P-24E, P-33D, P-36S (Wells with water level control equip.)	Well equipment inspection (Inspect devices to ensure that the wells are protected from frost damage. When water levels are 3 ft. below ground surface, the inspection is no longer required)	December, January, February, March

PRIVATE WELLS

TASK	MONITORING POINTS	PARAMETERS	FREQUENCY
I.	PW-Sather, PW-Bonk, PW-Bula, PW-Wheat/Krueger, PW-Tantrow/Thompson, PW-Summers, PW-Noles, PW-Stoppleworth *(8 samples)*	field pH field conductivity field temperature field observations VOCs (524.2)	May
II.	PW-Sather, PW-Matush, PW-Sommers, PW-Weber, PW-Durand, PW-Wagner, PW-Rounds, PW-Noles, PW-Stoppleworth *(9 samples)*	groundwater elevation (ft. MSL) field pH field conductivity field temperature field observations VOCs (524.2)	November

Contacts:

Pat Letterer - CT Laboratory: (800) 228-3012
Hank Kuehling - WDNR: (608) 275-3286

Directions to site:

I94 west to the beltline (HWY 12-18). Exit at Hwy 14 (LaCrosse, Spring Green), turn left. Turn right into driveway before billboard (ShoeBox). 7562 Hwy 14

Reporting:

Groundwater and private well monitoring results including elevations (cover letter and analytical) to WDNR in January and July. (ESC)

ENVIRONMENTAL SAMPLING CORPORATION GROUNDWATER MONITORING FIELD FORM

MONTH: NOVEMBER 2007

Purging Phase

Well ID	Date (2007)	Time (24hrs.)	Top of Well Elevation (ft.MSL)	Depth to Water (ft.)	Groundwater Elevation (ft.MSL)	Total Depth (ft.)	Height of Water Col. (ft.)	Req. Gal. to Purge (4 vol.)	Amount Purged (gal.)
P-22D	11/06	1215	1088.94	174.50	914.44	217.2	42.70	PACKER 5.5	5.5
P-22E	11/06	1115	1089.72	175.10	914.62	273.0	97.90	63.8	15.0^
P-22S	11/06	1130	1088.20	173.50	914.70	184.7	11.20	7.3	7.5
P-26D	11/05	1300	1149.63	223.10	926.53	262.1	39.00	--	--
P-26S	11/05	1300	1150.95	219.30	931.65	237.6	18.30	11.9	12.0
P-27D	11/05	1430	1095.56	175.15	920.41	204.3	29.15	PACKER 8.0	8.0
P-27S	11/05	1430	1095.23	174.84	920.39	188.8	13.96	9.1	9.5
P-28S	11/05	1315	1124.33	199.50	924.83	207.4	7.90	--	--
P-29S	11/05	1330	1163.10	236.60	926.50	257.2	20.60	--	--
P-34D	11/05	1445	1090.98	164.75	926.23	276.1	111.35	PACKER 9.0	--
P-34S	11/05	1445	1091.10	162.00	929.10	186.0	24.00	15.6	--
P-35D	11/05	1500	1087.70	166.00	921.70	252.6	--	--	--
P-35S	11/05	1500	1087.90	164.55	923.35	184.0	--	--	--

Sampling Phase

Date (2007)	Time (24hrs.)	pH (s.u.)	Spec. Cond. (25C)	Temp. (deg.C)	Color before Filter	Color after Filter	Odor	Turb before Filter	Turb after Filter	Number of Filters Used
11/06	1320	7.35	573	9.5	clear	--	none	none	--	--
11/06	1210	7.51	605	8.9	clear	--	none	none	--	--
11/06	1200	7.39	641	9.3	clear	--	none	none	--	--
--	--	--	--	--	--	--	--	--	--	--
11/06	0945	7.19	841	9.5	clear	--	none	none	--	--
11/05	1500	6.85	900	8.8	clear	--	none	none	--	--
11/05	1600	6.74	807	9.0	clear	--	none	none	--	--
--	--	--	--	--	--	--	--	--	--	--
--	--	--	--	--	--	--	--	--	--	--
--	--	--	--	--	--	--	--	--	--	--
--	--	--	--	--	--	--	--	--	--	--
--	--	--	--	--	--	--	--	--	--	--
--	--	--	--	--	--	--	--	--	--	--

Casing I.D. (inches) : Gallons per foot to get one well volume.
1.5" well : 0.092 gal. 2" well : 0.163 gal. 3" well : 0.377 gal. 4" well : 0.653 gal.

NOTES:
Monitoring wells are located on the Sommers Farm property.
^ - Low flow bladder pump. Well was purged at a low flow rate until field parameters stabilized.

WEATHER **Wind Speed:** 10-25 mph **Direction:** NW **Temp.:** 40
Date: 11/6/2007 **Overview:** mostly cloudy, windy
Date Equipment Used: 11/6/2007
pH Meter: Oakton **pH 7.0:** 7.00 **pH 4.0:** 4.01 **Slope:** --
Spec. Cond. Meter: Oakton **Standard:** 1413 **Reading:** 1414
Temperature: 21.0

Facility Name: WDNR Refuse Hideaway Landfill
Facility Address: Highway 14, Middleton, WI
ESC Personnel: Scott Freimark, Jeremy McIntyre

ENVIRONMENTAL SAMPLING CORPORATION
414-427-5033

Client: WDNR **Page:** 1 **of** 6
Project: RHL - 11/07 Event
Prepared by: TI **Date:** 11/21/2007
Checked by: SF **Date:** 11/27/2007

CP263/ESC/Forms/Field Form.xls

Emailed to Pat @ CT Labs - 11/29/07
-TI

ENVIRONMENTAL SAMPLING CORPORATION GROUNDWATER MONITORING FIELD FORM

MONTH: NOVEMBER 2007

Purging Phase

Well ID	Date (2007)	Time (24hrs.)	Top of Well Elevation (ft.MSL)	Depth to Water (ft.)	Groundwater Elevation (ft.MSL)	Total Depth (ft.)	Height of Water Col. (ft.)	Req. Gal. to Purge (3 vol.)	Amount Purged (gal.)
P-43D	11/06	1330	1109.92	192.20	917.72	283.6	91.40	44.7	15.0 ^
P-43I	11/06	1330	1110.24	192.10	918.14	233.3	41.20	20.1	7.0 ^
P-43S	11/06	1330	1110.60	193.00	917.60	205.7	12.70	6.2	3.0 ^
P-30D	11/05	1530	932.97	22.98	909.99	289.5	266.52	PACKER 15.0	15.0
P-30I	11/05	1500	930.94	21.04	909.90	142.3	121.26	PACKER 9.0	9.0
P-31D	11/05	1230	915.72	NA	--	258.2	--	PACKER 8.0	8.0
P-31IA	11/05	1245	916.77	NA	--	95.6	--	PACKER 8.0	8.0
P-31IB	11/05	1405	916.49	NA	--	135.7	--	PACKER 8.0	8.0
P-31S	11/05	1300	916.59	6.89	909.70	28.8	21.91	--	--
P-32D	11/05	--	942.66	23.75	918.91	176.2	152.45	74.5	--
P-32S	11/05	--	943.73	22.00	921.73	39.5	17.50	8.6	--
P-40D	11/06	0910	922.98	12.80	910.18	255.2	242.40	PACKER 9.0	9.0
P-40I	11/06	0940	922.28	11.63	910.65	104.8	93.17	PACKER 9.0	9.0

Sampling Phase

Date (2007)	Time (24hrs.)	pH (s.u.)	Spec. Cond. (25C)	Temp. (deg.C)	Color before Filter	Color after Filter	Odor	Turb before Filter	Turb after Filter	Number of Filters Used
11/07	1030	7.38	606	8.8	clear	--	none	none	--	--
11/06	1500	7.51	595	9.6	cloudy	--	none	none	--	--
11/06	1400	7.61	616	8.7	clear	--	none	none	--	--
11/05	1610	7.91	490	9.0	clear	--	none	none	--	--
11/05	1530	7.71	597	9.5	clear	--	none	none	--	--
11/05	1400	7.29	463	9.0	clear	--	organic	none	--	--
11/05	1430	7.46	780	9.6	clear	--	none	none	--	--
11/05	1440	7.57	799	9.4	clear	--	none	none	--	--
--	--	--	--	--	--	--	--	--	--	--
--	--	--	--	--	--	--	--	--	--	--
--	--	--	--	--	--	--	--	--	--	--
11/06	0940	7.70	540	9.4	clear	--	none	none	--	--
11/06	1025	7.49	680	9.5	clear	--	none	none	--	--

Casing I.D. (inches) : Gallons per foot to get one well volume.
1.5" well : 0.092 gal. 2" well : 0.163 gal. 3" well : 0.377 gal. 4" well : 0.653 gal.

NOTES: ^ - Low flow bladder pump. Well was purged at a low flow rate until field parameters stabilized.
The P-43 well nest is located on the Sommer's Farm property. The remaining wells are located along Highway 14.
Removed raised concrete pad, added bentonite at P-31S, P-31D, P-31IA.
Added PVC pipe to casing and affixed fittings at P-31S, P-31D, and P-31IA.

WEATHER **Wind Speed:** 5-15 mph **Direction:** NW **Temp.:** 45
Date: 11/5/2007 **Overview:** mostly cloudy
Date Equipment Used: 11/5/2007
pH Meter: Oakton **pH 7.0:** 7.00 **pH 4.0:** 4.01 **Slope:** --
Spec. Cond. Meter: Oakton **Standard:** 1413 **Reading:** 1410
Temperature: 13.6

Facility Name: WDNR Refuse Hideaway Landfill
Facility Address: Highway 14, Middleton, WI
ESC Personnel: Scott Freimark, Jeremy McIntyre

ENVIRONMENTAL SAMPLING CORPORATION
414-427-5033

Client: WDNR **Page:** 2 **of** 6
Project: RHL - 11/07 Event
Prepared by: TI **Date:** 11/21/2007
Checked by: SF **Date:** 11/27/2007

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Additional Notes:
Cut away brush near P-31 well nest
Casing and concrete pad are raised from ground at P-39S.
Replaced pump at P-40I.
Concrete pad raised from ground at P-40I.

ENVIRONMENTAL SAMPLING CORPORATION GROUNDWATER MONITORING FIELD FORM

MONTH: NOVEMBER 2007

Purging Phase

Well ID	Date (2007)	Time (24hrs.)	Top of Well Elevation (ft.MSL)	Depth to Water (ft.)	Groundwater Elevation (ft.MSL)	Total Depth (ft.)	Height of Water Col. (ft.)	Req. Gal. to Purge (3 vol.)	Amount Purged (gal.)
P-41D	11/05	--	924.82	18.26	906.56	104.5	--	PACKER 9.0	--
P-30S	11/05	--	932.61	21.81	910.8	--	--	--	--
P-36D	11/05	--	924.34	1.90	922.44	--	--	--	--
P-36S	11/05	--	924.49	3.40	921.09	--	--	--	--
P-38S	11/05	--	923.21	8.22	914.99	--	--	--	--
P-39S	11/05	--	946.08	36.45	909.63	--	--	--	--
P-40S	11/05	--	922.01	11.37	910.64	--	--	--	--
P-41S	11/05	--	925.58	12.11	913.47	--	--	--	--
P-42S	11/05	--	917.62	12.90	904.72	--	--	--	--
P-17S	11/05	1215	1081.75	156.86	924.89	158.8	1.94	0.9	<0.1
P-18S	11/07	1120	1020.57	98.46	922.11	107.2	8.74	4.3	4.5
DUP-01	--	--	--	--	--	--	--	--	--

Sampling Phase

Well ID	Date (2007)	Time (24hrs.)	pH (s.u.)	Spec. Cond. (25C)	Temp. (deg.C)	Color before Filter	Color after Filter	Odor	Turb before Filter	Turb after Filter	Number of Filters Used
P-41D	--	--	--	--	--	--	--	--	--	--	--
P-30S	--	--	--	--	--	--	--	--	--	--	--
P-36D	--	--	--	--	--	--	--	--	--	--	--
P-36S	--	--	--	--	--	--	--	--	--	--	--
P-38S	--	--	--	--	--	--	--	--	--	--	--
P-39S	--	--	--	--	--	--	--	--	--	--	--
P-40S	--	--	--	--	--	--	--	--	--	--	--
P-41S	--	--	--	--	--	--	--	--	--	--	--
P-42S	--	--	--	--	--	--	--	--	--	--	--
P-17S	Insufficient Volume For Sample Collection										
P-18S	11/07	1220	7.46	571	10.9	clear	--	--	none	none	--
DUP-01	11/05	1500	6.85	902	8.8	clear	--	--	none	none	--

Casing I.D. (inches) : Gallons per foot to get one well volume.
1.5" well : 0.092 gal. 2" well : 0.163 gal. 3" well : 0.377 gal. 4" well : 0.653 gal.

NOTES: DUP-01 = P-27D

P-17S and P-18S are located on the rock ledges around the site. The remaining wells are located along Highway 14.

WEATHER	Wind Speed:	0-10 mph		Direction:	SW	Temp.:	35		
Date:	11/7/2007	Overview:	scattered clouds						
Date Equipment Used:	11/7/2007								
pH Meter:	Oakton			pH 7.0:	7.00	pH 4.0:	4.01	Slope:	--
Spec. Cond. Meter:	Oakton			Standard:	1413	Reading:	1415		
Temperature:	12.0								

Facility Name:	WDNR Refuse Hideaway Landfill	ENVIRONMENTAL SAMPLING CORPORATION 414-427-5033	Client:	WDNR		Page:	3	of	6
Facility Address:	Highway 14, Middleton, WI		Project:	RHL - 11/07 Event					
ESC Personnel:	Scott Freimark, Jeremy McIntyre		Prepared by:	TI	Date:	11/21/2007			
			Checked by:	SF	Date:	11/27/2007			

ENVIRONMENTAL SAMPLING CORPORATION GROUNDWATER MONITORING FIELD FORM

MONTH: NOVEMBER 2007

Purging Phase										Sampling Phase										
Well ID	Date (2007)	Time (24hrs.)	Top of Well Elevation (ft.MSL)	Depth to Water (ft.)	Groundwater Elevation (ft.MSL)	Total Depth (ft.)	Height of Water Col. (ft.)	Req. Gal. to Purge (4 vol.)	Amount Purged (gal.)	Date (2007)	Time (24hrs.)	pH (s.u.)	Spec. Cond. (25C)	Temp. (deg.C)	Color before Filter	Color after Filter	Odor	Turb before Filter	Turb after Filter	Number of Filters Used
P-8D	11/06	--	930.98	9.23	921.75	42.2	--	--	--	--	--	--	--	--	--	--	--	--	--	--
P-8S	11/06	--	932.50	10.34	922.16	20.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--
P-9D	11/06	--	930.43	8.94	921.49	43.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--
P-9S	11/06	--	932.09	10.07	922.02	16.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--
P-16D	11/06	--	936.30	15.40	920.90	42.9	--	--	--	--	--	--	--	--	--	--	--	--	--	--
P-16S	11/06	--	935.96	12.80	923.16	17.2	--	--	--	--	--	--	--	--	--	--	--	--	--	--
P-20SR	11/06	1350	961.78	39.73	922.05	66.3	26.6	17.3	17.5	11/06	1430	7.78	539	10.2	clear	--	none	none	--	--
P-21BR	11/06	--	935.19	15.32	919.87	148.3	--	--	--	--	--	--	--	--	--	--	--	--	--	--
P-21D	11/06	--	935.81	14.60	921.21	41.6	--	--	--	--	--	--	--	--	--	--	--	--	--	--
P-21S	11/06	--	936.43	12.14	924.29	19.7	--	--	--	--	--	--	--	--	--	--	--	--	--	--
P-23D	11/06	1100	961.53	39.84	921.69	80.1	40.3	26.2	27.0	11/06	1200	7.66	532	10.4	clear	--	none	none	--	--
P-23S	11/06	1140	961.71	40.23	921.48	48.1	7.9	5.1	Dry @ 1.0	11/06	1210	7.72	578	9.5	cloudy	--	none	low	--	--
P-24D	11/06	--	927.25	5.80	921.45	25.2	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Casing I.D. (inches) : Gallons per foot to get one well volume.
1.5" well : 0.092 gal. 2" well : 0.163 gal. 3" well : 0.377 gal. 4" well : 0.653 gal.

NOTES:
Monitoring wells are located around the facility and along the adjacent farm fields.

WEATHER **Wind Speed:** 10-25 mph **Direction:** NW **Temp.:** 40
Date: 11/6/2007 **Overview:** mostly cloudy, windy
Date Equipment Used: 11/6/2007
pH Meter: Oakton **pH 7.0:** 7.00 **pH 4.0:** 4.01 **Slope:** –
Spec. Cond. Meter: Oakton **Standard:** 1413 **Reading:** 1414
Temperature: 21.0

Facility Name:	WDNR Refuse Hideaway Landfill	ENVIRONMENTAL SAMPLING CORPORATION 414-427-5033	**Client:**	WDNR	**Page:** 4 **of** 6
Facility Address:	Highway 14, Middleton, WI		**Project:**	RHL - 11/07 Event	
ESC Personnel:	Scott Freimark, Jeremy McIntyre		**Prepared by:**	TI	**Date:** 11/21/2007
			Checked by:	SF	**Date:** 11/27/2007

ENVIRONMENTAL SAMPLING CORPORATION GROUNDWATER MONITORING FIELD FORM

MONTH: NOVEMBER 2007

Purging Phase										Sampling Phase										
Well ID	Date (2007)	Time (24hrs.)	Top of Well Elevation (ft.MSL)	Depth to Water (ft.)	Groundwater Elevation (ft.MSL)	Total Depth (ft.)	Height of Water Col. (ft.)	Req. Gal. to Purge (4 vol.)	Amount Purged (gal.)	Date (2007)	Time (24hrs.)	pH (s.u.)	Spec. Cond. (25C)	Temp. (deg.C)	Color before Filter	Color after Filter	Odor	Turb before Filter	Turb after Filter	Number of Filters Used
P-24E	11/06	--	927.39	5.80	921.59	52.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--
P-25BR	11/07	1035	943.27	26.98	916.29	140.3	113.32	73.9	74.0	11/07	1250	7.79	536	10.5	clear	--	none	none	--	--
P-25D	11/07	1035	943.86	27.01	916.85	96.3	69.29	45.2	46.0	11/07	1300	7.59	727	10.8	clear	--	none	none	--	--
P-25S	11/07	1035	943.14	23.30	919.84	29.4	--	--	--	--	--	--	--	--	--	--	--	--	--	--
P-33D	11/06	--	928.50	6.44	922.06	103.4	--	--	--	--	--	--	--	--	--	--	--	--	--	--
P-1D	11/06	--	926.67	5.02	921.65	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
P-1S	11/06	--	924.39	8.05	916.34	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
P-3S	11/06	--	932.79	10.83	921.96	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
P-4S	11/06	--	929.89	7.03	922.86	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
P-8BR	11/06	--	929.52	8.31	921.21	111.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--
P-33S	11/06	--	928.55	5.90	922.65	27.6	--	--	--	--	--	--	--	--	--	--	--	--	--	--
DUP-02	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
FB-01	--	--	--	--	--	--	--	--	--	11/05	1530	8.19	77.4	7.5	clear	--	none	none	--	--

Casing I.D. (inches) : Gallons per foot to get one well volume.
1.5" well : 0.092 gal. 2" well : 0.163 gal. 3" well : 0.377 gal. 4" well : 0.653 gal.

NOTES:
Monitoring wells are located around the facility and along the adjacent farm fields.

WEATHER Wind Speed: 0-10 mph Direction: SW Temp.: 35
Date: 11/7/2007 Overview: scattered clouds
Date Equipment Used: 11/7/2007
pH Meter: Oakton pH 7.0: 7.00 pH 4.0: 4.01 Slope: --
Spec. Cond. Meter: Oakton Standard: 1413 Reading: 1415
Temperature: 12.0

Facility Name:	WDNR Refuse Hideaway Landfill	ENVIRONMENTAL SAMPLING CORPORATION 414-427-5033	Client:	WDNR	Page: 5 of 6
Facility Address:	Highway 14, Middleton, WI		Project:	RHL - 11/07 Event	
ESC Personnel:	Scott Freimark, Jeremy McIntyre		Prepared by:	TI	Date: 11/21/2007
			Checked by:	SF	Date: 11/27/2007

ENVIRONMENTAL SAMPLING CORPORATION GROUNDWATER MONITORING FIELD FORM

MONTH: NOVEMBER 2007

Purging Phase

Well ID	Date (2007)	Time (24hrs.)	Top of Well Elevation (ft.MSL)	Depth to Water (ft.)	Groundwater Elevation (ft.MSL)	Total Depth (ft.)	Height of Water Col. (ft.)	Req. Gal. to Purge (4 vol.)	Amount Purged (gal.)
PW-Sather	11/06	1110	--	--	--	--	--	--	15
PW-Noles	11/06	1205	--	--	--	--	--	--	15
PW-Stoppleworth	11/06	1200	--	--	--	--	--	--	15
PW-Matush	11/06	1040	--	--	--	--	--	--	15
PW-Sommers	11/06	1015	--	--	--	--	--	--	15
PW-Durand	11/06	1045	--	--	--	--	--	--	15
PW-Wagner	11/06	1135	--	--	--	--	--	--	15
PW-Weber	11/06	1010	--	--	--	--	--	--	15
PW-Rounds	11/06	1235	--	--	--	--	--	--	15
PW-DUP	11/06	--	--	--	--	--	--	--	--

Sampling Phase

Date (2007)	Time (24hrs.)	pH (s.u.)	Spec. Cond. (25C)	Temp. (deg.C)	Color before Filter	Color after Filter	Odor	Turb before Filter	Turb after Filter	Number of Filters Used
11/06	1125	7.76	653	8.4	clear	--	none	none	--	--
11/06	1220	7.45	608	10.2	clear	--	none	none	--	--
11/06	1215	7.54	547	9.6	clear	--	none	none	--	--
11/06	1055	7.47	614	8.3	clear	--	none	none	--	--
11/06	1030	7.07	549	10.2	clear	--	none	none	--	--
11/06	1100	7.32	849	9.0	clear	--	none	none	--	--
11/06	1150	7.49	740	9.4	clear	--	none	none	--	--
11/06	1025	6.57	573	10.3	clear	--	none	none	--	--
11/06	1250	7.57	578	10.8	clear	--	none	none	--	--
11/06	1250	7.59	580	10.4	clear	--	none	none	--	--

Casing I.D. (inches) : Gallons per foot to get one well volume.
1.5" well : 0.092 gal. 2" well : 0.163 gal. 3" well : 0.377 gal. 4" well : 0.653 gal.

NOTES:
PW-DUP = PW-Rounds

WEATHER **Wind Speed:** 10-25 mph **Direction:** NW **Temp.:** 40
Date: 11/6/2007 **Overview:** mostly cloudy, windy
Date Equipment Used: 11/6/2007
pH Meter: Oakton **pH 7.0:** 7.00 **pH 4.0:** 4.01 **Slope:** --
Spec. Cond. Meter: Oakton **Standard:** 1413 **Reading:** 1414
Temperature: 21.0

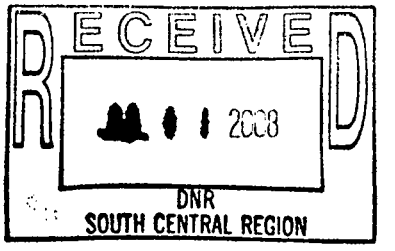
Facility Name: WDNR Refuse Hideaway Landfill
Facility Address: Highway 14, Middleton, WI
ESC Personnel: Tracy Ipavec

ENVIRONMENTAL SAMPLING CORPORATION
414-427-5033

Client: WDNR **Page:** 6 **of** 6
Project: RHL - 11/07 Event
Prepared by: TI **Date:** 11/21/2007
Checked by: SF **Date:** 11/27/2007

ENVIRONMENTAL SAMPLING CORPORATION

Dedicated to Environmental Monitoring, Science & Technology



July 9, 2008

Mr. Harlan Kuehling, P.G.
Wisconsin Department of Natural Resources
3911 Fish Hatchery Road
Fitchburg, WI 53711

Re: Refuse Hideaway Landfill – Middleton, WI (License #01953)
May 2008 Laboratory Analytical Results

Dear Mr. Kuehling:

Enclosed please find the data file, exceedance summary, and data certification page for the groundwater and private well monitoring conducted at the Refuse Hideaway Landfill (RHL) in May 2008. As requested, an electronic copy of the laboratory analytical data is included on the enclosed CD.

In accordance with the Scope of Work for Groundwater Sampling at RHL, revised March 2007, Environmental Sampling Corporation (ESC) staff was on site May 5-9 and 12, 2008 to collect samples from 49 groundwater monitoring wells and eight private wells. ESC staff also collected groundwater elevation measurements from an additional 12 groundwater monitoring wells. The groundwater and drinking water samples collected were packed on ice and shipped to CT Laboratories (WI cert. #157066030). In accordance with ESC's QA/QC procedures, trip blanks, duplicate samples, and a field blank were included with the shipments.

NR140 Exceedances

Laboratory analytical results were compared to the WDNR Ch. NR140 Preventive Action Limits (PAL) and Enforcement Standards (ES). Twenty-seven of the 49 groundwater monitoring wells had one or more VOC concentration detected above NR140 standards in the samples collected during the May 2008 event. Of these 27 wells, 16 groundwater well samples had one or more VOC concentrations detected in excess of the ES. NR140 exceedances are listed in the attached exceedance summary table and are discussed below.

- Benzene was detected in excess of the PAL in the samples collected from P-9D and P-16D. These wells are located downgradient of the facility and are in close proximity to the limits of waste. The benzene detections are consistent with recent analytical data.

- Cis-1,2-dichloroethene was detected in excess of the PAL in the samples collected from P-17S and P-21D. These wells are located in close proximity to the limits of waste. The concentration of cis-1,2-dichloroethane in the sample collected from P-17S is similar to the recent analytical data, but is greatly reduced from the concentrations reported in the samples collected from P-17S in 1992. The concentration of cis-1,2-dichloroethene in the samples collected from P-21D has been decreasing over time.

- The VOC 1,2-dichloropropane was detected in excess of the PAL in the samples collected from P-9D, P-16D, and P-17S. These wells are located in close proximity to the limits of waste. The concentrations in the samples collected from P-9D and P-16D are similar to recent analytical data. The concentration of 1,2-dichloropropane in the samples collected from P-17S have been decreasing over time.

- Concentrations of tetrachloroethene in excess of the PAL were detected in samples collected from 14 monitoring wells in May 2008 (P-8D, P-8S, P-9S, P-20SR, P-22D, P-22E, P-23S, P-23D, P-25BR, P-25D, P-26D, P-28S P-29S, P-31IB). The tetrachloroethene concentrations detected in the samples collected from P-8D, P-8S, P-9S, P-23D, and P-25D were estimated concentrations at or below the LOQ and were flagged as such on the exceedance summary. Concentrations of tetrachloroethene in excess of the ES were detected in the samples collected from an additional seven monitoring wells (P-17S, P-18S, P-26S, P-27D, P-27S, P-31IA, and P-40I). Detections of tetrachloroethene are widespread at the facility and are similar to or reduced from historic data. Groundwater samples with the highest concentrations of tetrachloroethene are closest in proximity to the closed, unlined facility.

- Tetrahydrofuran was detected in excess of the ES in the samples collected from P-9D and P-16D. Concentrations of tetrahydrofuran in these downgradient wells have been increasing over time. Tetrahydrofuran was not detected above NR140 standards in the samples collected from any of the other monitoring wells sampled during May 2008.

- Trichloroethene concentrations exceeded the PAL in the samples collected from 11 groundwater monitoring wells (P-8BR, P-9D, P-16D, P-18S, P-22E, P-25D, P-26S, P-27S, P-31IA, P-31IB, and P-40I) and exceeded the ES in the sample collected from P-17S and P-27D. The trichloroethene concentrations are highest in the wells located around the facility. Concentrations are similar to or reduced from recent analytical data and many have displayed decreasing trends over time.

- Concentrations of vinyl chloride were detected in excess of the NR140 ES in the samples collected from ten groundwater monitoring wells (P-8S, P-9D, P-16D, P-17S, P-21D, P-24D, P-24E, P-25D, P-26D, and P-26S) sampled in May 2008. The concentrations of vinyl chloride in the samples collected from P-26D and P-26S were detected between the LOD and LOQ which cannot be confirmed by the laboratory and should be considered estimates. These detections are not considered exceedances under NR140 standards, and have been flagged as such on the attached exceedance summary. The vinyl chloride concentrations are related to landfill gas migration and are highest in concentration at the wells located immediately south of the facility. Vinyl chloride concentrations in the samples collected in May 2008 are similar to or reduced from recent data and many display a decreasing trend over time. Gas wells along the perimeter and interior of the landfill should be adjusted to increase the flow (vacuum) applied to the gas wells to minimize landfill gas migration.

- Two of the eight private wells sampled for VOCs (PW-Noles and PW-Stoppleworth) had concentrations of tetrachloroethene and trichloroethene detected in excess of NR140 standards. The concentrations of tetrachloroethene and trichloroethene were similar to historic data. These private water supply wells currently have water treatment systems installed at the residences; the May 2008 samples were collected prior to the water treatment systems. Additional low-level VOCs detected at these wells were below NR140 standards. No VOCs were detected at the remaining six private wells sampled in May 2008.

Additional Information

Low-level VOCs detected at concentrations less than the NR140 PAL were not discussed above, but are included on the electronic data file submitted with this report. The low-level. The following 16 groundwater monitoring wells did not contain VOCs at or above the laboratory limit of detection during the May 2008 event: P-25S, P-30D, P-30I, P-31D, P-31S, P-32D, P-32S, P-33D, P-33S, P-34D, P-35D, P-35S, P-41D, P-43D, P-43I, and P-43S. Additionally, no VOCs were detected from the following six drinking water wells: PW-Bonk, PW-Bula, PW-Sather, PW-Summers, PW-Wheat/Krueger, and PW-Tantrow/Thompson.

The next semi-annual monitoring event is scheduled for November 2008. At this time there are no proposed changes to the monitoring program. ESC recently prepared a proposal to replace the locks at the facility and several Churney balls. The proposal also included the installation of packers at P-31IA and P-21D and the repair of the P-16S well casing. Pending approval of this proposal, the repairs and improvements will be conducted in conjunction with the November 2008 event.

Please contact Frank Perugini or me at 414-427-5033 if you have any questions regarding this submittal.

Sincerely,

Environmental Sampling Corporation

Tracy Ipavec
Sr. Environmental Specialist

Enclosures

cc: Mr. Frank Perugini - ESC

REFUSE HIDEAWAY LANDFILL
WDNR License #01953
Exceedance Summary - May 2008

Well ID (WDNR ID)	Date	P-Code	Parameter	PAL / ES (ug/L)	Result (ug/L)	Exceedance
P-21D (113)	05/08/08	39175	Vinyl Chloride	0.02 / 0.2	4.1	ES
		77093	cis-1,2-Dichloroethene	7 / 70	12	PAL
P-8D (114)	05/08/08	34475	Tetrachloroethene +	0.5 / 5	0.68	PAL +
P-24D (115)	05/08/08	39175	Vinyl Chloride	0.02 / 0.2	1.4	ES
P-24E (116)	05/08/08	39175	Vinyl Chloride	0.02 / 0.2	2.1	ES
P-25D (118)	05/12/08	34475	Tetrachloroethene +	0.5 / 5	0.97	PAL +
		39175	Vinyl Chloride	0.02 / 0.2	0.57	ES
		39180	Trichloroethene	0.5 / 5	1.5	PAL
P-25BR (119)	05/12/08	34475	Tetrachloroethene	0.5 / 5	1.6	PAL
P-26D (120)	05/09/08	34475	Tetrachloroethene	0.5 / 5	1.5	PAL
		39175	Vinyl Chloride +	0.02 / 0.2	0.44	ES +
P-27S (121)	05/08/08	34475	Tetrachloroethene	0.5 / 5	6.6	ES
		39180	Trichloroethene	0.5 / 5	1.0	PAL
P-27D (122)	05/08/08	34475	Tetrachloroethene	0.5 / 5	33	ES
		39180	Trichloroethene	0.5 / 5	5.7	ES
P-28S (123)	05/09/08	34475	Tetrachloroethene	0.5 / 5	4.0	PAL
P-8S (125)	05/08/08	34475	Tetrachloroethene +	0.5 / 5	0.83	PAL +
		39175	Vinyl Chloride	0.02 / 0.2	1.6	ES
P-8BR (126)	05/09/08	39180	Trichloroethene	0.5 / 5	0.63	PAL
P-16D (127)	05/08/08	34030	Benzene	0.5 / 5	2.6	PAL
		34541	1,2-Dichloropropane	0.5 / 5	0.77	PAL
		39175	Vinyl Chloride	0.02 / 0.2	0.50	ES
		39180	Trichloroethene	0.5 / 5	0.68	PAL
		81607	Tetrahydrofuran	10 / 50	89	ES
P-17S (128)	05/09/08	34475	Tetrachloroethene	0.5 / 5	5.7	ES
		34541	1,2-Dichloropropane	0.5 / 5	1.2	PAL
		39175	Vinyl Chloride	0.02 / 0.2	6.1	ES
		39180	Trichloroethene	0.5 / 5	7.5	ES
		77093	cis-1,2-Dichloroethene	7 / 70	65	PAL
P-18S (129)	05/12/08	34475	Tetrachloroethene	0.5 / 5	12	ES
		31980	Trichloroethene	0.5 / 5	1.9	PAL
P-22D (136)	05/07/08	34475	Tetrachloroethene	0.5 / 5	1.9	PAL
P-23S (137)	05/08/08	34475	Tetrachloroethene	0.5 / 5	3.6	PAL
P-23D (138)	05/09/08	34475	Tetrachloroethene +	0.5 / 5	0.9	PAL +
P-9S (139)	05/08/08	34475	Tetrachloroethene +	0.5 / 5	0.81	PAL +

REFUSE HIDEAWAY LANDFILL
WDNR License #01953
Exceedance Summary - May 2008

Well ID (WDNR ID)	Date	P-Code	Parameter	PAL / ES (ug/L)	Result (ug/L)	Exceedance
P-9D (140)	05/08/08	34030	Benzene	0.5 / 5	2.9	PAL
		34541	1,2-Dichloropropane	0.5 / 5	2.0	PAL
		39175	Vinyl Chloride	0.02 / 0.2	0.73	ES
		39180	Trichloroethene	0.5 / 5	1.4	PAL
		81607	Tetrahydrofuran	10 / 50	56	ES
P-26S (141)	05/09/08	34475	Tetrachloroethene	0.5 / 5	6.4	ES
		39175	Vinyl Chloride	0.02 / 0.2	0.31	ES
		39180	Trichloroethene	0.5 / 5	0.77	PAL
P-31IA (146)	05/07/08	34475	Tetrachloroethene	0.5 / 5	5.4	ES
		39180	Trichloroethene	0.5 / 5	1.8	PAL
P-31IB (147)	05/07/08	34475	Tetrachloroethene	0.5 / 5	4.6	PAL
		39180	Trichloroethene	0.5 / 5	1.7	PAL
P-40I (162)	05/07/08	34475	Tetrachloroethene	0.5 / 5	6.3	ES
		39180	Trichloroethene	0.5 / 5	1.6	PAL
P-20SR (167)	05/08/08	34475	Tetrachloroethene	0.5 / 5	1.5	PAL
P-29S (168)	05/08/08	34475	Tetrachloroethene	0.5 / 5	1.6	PAL
P-22E (174)	05/08/08	34475	Tetrachloroethene	0.5 / 5	1.9	PAL
		39180	Trichloroethene	0.5 / 5	0.68	PAL
Stoppleworth	05/09/08	34475	Tetrachloroethene	0.5 / 5	2.9	PAL
(311)		39180	Trichloroethene	0.5 / 5	0.63	PAL
Noles	05/08/08	34475	Tetrachloroethene	0.5 / 5	4.4	PAL
(312)		39180	Trichloroethene	0.5 / 5	1.7	PAL

Notes:

+ - The VOC concentration reported was an estimated concentration between the LOD and LOQ and is not considered an exceedance under NR140 standards.

ug/L = micrograms per liter

ES = NR 140 Enforcement Standard

PAL = NR140 Preventive Action Limit

State of Wisconsin
Department of Natural Resources

Environmental Monitoring Data Certification

Form 4400-231(R 1/04)

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/3
  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):

Environmental Sampling Corporation

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

Name: Tracy Ipavec Phone: (414) 427-5033

E-mail: escstaff@yahoo.com

Facility name:	License # / Monitoring ID	Facility ID [FID]	Actual sampling dates (e.g., July 2-6, 2003)
Refuse Hideaway Landfill	01953	113112010	May 5-9 and 12, 2008

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

May 2008

Type of Data Submitted (Check all that apply)

- [x] Groundwater monitoring data from monitoring wells
- [x] Groundwater monitoring data from private water supply wells
- [ ] Leachate monitoring data
- [ ] Gas monitoring data
- [ ] Air monitoring data
- [ ] Other (specify)

Notification attached?

- [ ] No. No groundwater standards or explosive gas limits were exceeded.
- [x] 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.

Tracy Ipavec	Sr. Environmental Specialist	(414) 427-5033
Facility Representative Name (Print)	Title	(Area Code) Telephone No.
Tracy Ipavec	07/09/08	
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** _____

ENVIRONMENTAL SAMPLING CORPORATION
P.O. BOX 12
MUSKEGO, WI 53150

FAX COVER SHEET

DATE: 6/26/08 **TIME:** 12:50 PM

TO: Hank Kneiling **PHONE:** 608-275-3286

WDNR **FAX:** 608-275-3338

FROM: Tracy Ipavec **PHONE:** 414-427-5033
ESC **FAX:** 414-427-5034

RE: Refuse Hideaway Landfill

Number of pages including cover sheet: 21

Message

Hi Hank,
Attached are the private well results for the May 2008 event at RHL. I will put together the groundwater / drinking water report and send it out to you as usual (w/ the CD) I just wanted to get these results to you now.

The VOCs in the Noles + Stoppleworth wells are similar to previous results. No VOCs were detected (or reduced from) in the remaining private well samples.

Let me know if you have any questions.

Thanks,
Tracy

06/28/2008 13:29 FAX 4144275034 ESC 002

CT LAB#: 563648	Sample Description: PW-SATHER							Sampled: 5/8/2008 1040			
Analyte	**Result**	**Units**	**LOD**	**LOQ**	**Dilution**	**Qualifier**	**Prep Date/Time**	**Analysis Date/Time**		**Analyst**	**Method**
Field Results											
Color (Field)	CLEAR		N/A	N/A	1			5/23/2008		PML	
Conductivity (Field)	652	umhos/cm	N/A	N/A	1			5/23/2008		PML	
Odor (Field)	NONE		N/A	N/A	1			5/23/2008		PML	
pH (Field)	7.65	S.U.	N/A	N/A	1			5/23/2008		PML	
Temperature (Field)	12.2		N/A	N/A	1			5/23/2008		PML	
Turbidity (Field)	NONE		N/A	N/A	1			5/23/2008		PML	
Organic Results											
1,1,1,2-Tetrachloroethane	<0.17	ug/L	0.17	0.56	1			5/14/2008	18:08	APG	EPA 524.2
1,1,1-Trichloroethane	<0.19	ug/L	0.19	0.62	1			5/14/2008	18:08	APG	EPA 524.2
1,1,2,2-Tetrachloroethane	<0.14	ug/L	0.14	0.46	1			5/14/2008	18:08	APG	EPA 524.2
1,1,2-Trichloroethane	<0.18	ug/L	0.18	0.60	1			5/14/2008	18:08	APG	EPA 524.2
1,1-Dichloroethane	<0.21	ug/L	0.21	0.69	1			5/14/2008	18:08	APG	EPA 524.2
1,1-Dichloroethene	<0.24	ug/L	0.24	0.80	1			5/14/2008	18:08	APG	EPA 524.2
1,1-Dichloropropene	<0.29	ug/L	0.29	0.97	1			5/14/2008	18:08	APG	EPA 524.2
1,2,3-Trichlorobenzene	<0.28	ug/L	0.28	0.94	1			5/14/2008	18:08	APG	EPA 524.2
1,2,3-Trichloropropane	<0.23	ug/L	0.23	0.77	1			5/14/2008	18:08	APG	EPA 524.2
1,2,4-Trichlorobenzene	<0.28	ug/L	0.28	0.93	1			5/14/2008	18:08	APG	EPA 524.2
1,2,4-Trimethylbenzene	<0.10	ug/L	0.10	0.34	1			5/14/2008	18:08	APG	EPA 524.2
1,2-Dichlorobenzene	<0.17	ug/L	0.17	0.58	1			5/14/2008	18:08	APG	EPA 524.2
1,2-Dichloroethane	<0.19	ug/L	0.19	0.62	1			5/14/2008	18:08	APG	EPA 524.2
1,2-Dichloropropane	<0.17	ug/L	0.17	0.56	1			5/14/2008	18:08	APG	EPA 524.2
cis-1,2-Dichloroethene	<0.21	ug/L	0.21	0.69	1			5/14/2008	18:08	APG	EPA 524.2
trans-1,2-Dichloroethene	<0.27	ug/L	0.27	0.91	1			5/14/2008	18:08	APG	EPA 524.2
1,3,5-Trimethylbenzene	<0.40	ug/L	0.40	1.3	1			5/14/2008	18:08	APG	EPA 524.2

Solid sample results reported on a Dry Weight Basis

06/26/2008 13:29 FAX 4144275034 ESC 003

CT LAB#: 563648	Sample Description: PW-SATHER							Sampled: 5/8/2008 1040		
Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Hexachlorobutadiene	<0.30	ug/L	0.30	1.2	1			5/14/2008 18:08	APG	EPA 524.2
Isopropylbenzene	<0.30	ug/L	0.30	1.1	1			5/14/2008 18:08	APG	EPA 524.2
p-Isopropyltoluene	<0.20	ug/L	0.20	0.67	1			5/14/2008 18:08	APG	EPA 524.2
Methyl tert-butyl ether	<0.13	ug/L	0.13	0.45	1			5/14/2008 18:08	APG	EPA 524.2
Methylene chloride	<0.50	ug/L	0.50	1.6	1			5/14/2008 18:08	APG	EPA 524.2
Naphthalene	<0.25	ug/L	0.25	0.84	1			5/14/2008 18:08	APG	EPA 524.2
n-Propylbenzene	<0.40	ug/L	0.40	1.3	1			5/14/2008 18:08	APG	EPA 524.2
Styrene	<0.16	ug/L	0.16	0.54	1			5/14/2008 18:08	APG	EPA 524.2
Tetrachloroethene	<0.30	ug/L	0.30	1.1	1			5/14/2008 18:08	APG	EPA 524.2
Toluene	<0.28	ug/L	0.28	0.92	1			5/14/2008 18:08	APG	EPA 524.2
Trichloroethene	<0.24	ug/L	0.24	0.80	1			5/14/2008 18:08	APG	EPA 524.2
Trichlorofluoromethane	<0.16	ug/L	0.16	0.54	1			5/14/2008 18:08	APG	EPA 524.2
Vinyl chloride	<0.11	ug/L	0.11	0.35	1			5/14/2008 18:08	APG	EPA 524.2
Total Xylene	<0.40	ug/L	0.40	1.3	1			5/14/2008 18:08	APG	EPA 524.2

CT LAB#: 563649	Sample Description: PW-BONK							Sampled: 5/8/2008 0935		
Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Field Results										
Color (Field)	CLEAR		N/A	N/A	1			5/23/2008	PML	
Conductivity (Field)	665	umhos/cm	N/A	N/A	1			5/23/2008	PML	
Odor (Field)	NONE		N/A	N/A	1			5/23/2008	PML	
pH (Field)	6.48	S.U.	N/A	N/A	1			5/23/2008	PML	
Temperature (Field)	11.2		N/A	N/A	1			5/23/2008	PML	
Turbidity (Field)	NONE		N/A	N/A	1			5/23/2008	PML	

Solid sample results reported on a Dry Weight Basis

06/26/2008 13:29 FAX 4144275034 ESC 004

CT LAB#: 563649 | Sample Description: PW-BONK | Sampled: 5/8/2008 0935

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Organic Results										
1,1,1,2-Tetrachloroethane	<0.17	ug/L	0.17	0.56	1			5/14/2008 18:45	APG	EPA 524.2
1,1,1-Trichloroethane	<0.19	ug/L	0.19	0.62	1			5/14/2008 18:45	APG	EPA 524.2
1,1,2,2-Tetrachloroethane	<0.14	ug/L	0.14	0.46	1			5/14/2008 18:45	APG	EPA 524.2
1,1,2-Trichloroethane	<0.18	ug/L	0.18	0.60	1			5/14/2008 18:45	APG	EPA 524.2
1,1-Dichloroethane	<0.21	ug/L	0.21	0.69	1			5/14/2008 18:45	APG	EPA 524.2
1,1-Dichloroethene	<0.24	ug/L	0.24	0.80	1			5/14/2008 18:45	APG	EPA 524.2
1,1-Dichloropropene	<0.29	ug/L	0.29	0.97	1			5/14/2008 18:45	APG	EPA 524.2
1,2,3-Trichlorobenzene	<0.28	ug/L	0.28	0.94	1			5/14/2008 18:45	APG	EPA 524.2
1,2,3-Trichloropropane	<0.23	ug/L	0.23	0.77	1			5/14/2008 18:45	APG	EPA 524.2
1,2,4-Trichlorobenzene	<0.28	ug/L	0.28	0.93	1			5/14/2008 18:45	APG	EPA 524.2
1,2,4-Trimethylbenzene	<0.10	ug/L	0.10	0.34	1			5/14/2008 18:45	APG	EPA 524.2
1,2-Dichlorobenzene	<0.17	ug/L	0.17	0.58	1			5/14/2008 18:45	APG	EPA 524.2
1,2-Dichloroethane	<0.19	ug/L	0.19	0.62	1			5/14/2008 18:45	APG	EPA 524.2
1,2-Dichloropropane	<0.17	ug/L	0.17	0.56	1			5/14/2008 18:45	APG	EPA 524.2
cis-1,2-Dichloroethene	<0.21	ug/L	0.21	0.69	1			5/14/2008 18:45	APG	EPA 524.2
trans-1,2-Dichloroethene	<0.27	ug/L	0.27	0.91	1			5/14/2008 18:45	APG	EPA 524.2
1,3,5-Trimethylbenzene	<0.40	ug/L	0.40	1.3	1			5/14/2008 18:45	APG	EPA 524.2
1,3-Dichlorobenzene	<0.19	ug/L	0.19	0.62	1			5/14/2008 18:45	APG	EPA 524.2
1,3-Dichloropropane	<0.40	ug/L	0.40	1.3	1			5/14/2008 18:45	APG	EPA 524.2
cis-1,3-Dichloropropene	<0.10	ug/L	0.10	0.33	1			5/14/2008 18:45	APG	EPA 524.2
trans-1,3-Dichloropropene	<0.13	ug/L	0.13	0.43	1			5/14/2008 18:45	APG	EPA 524.2
1,4-Dichlorobenzene	<0.11	ug/L	0.11	0.38	1			5/14/2008 18:45	APG	EPA 524.2
2,2-Dichloropropane	<0.19	ug/L	0.19	0.65	1			5/14/2008 18:45	APG	EPA 524.2
2-Chlorotoluene	<0.40	ug/L	0.40	1.3	1			5/14/2008 18:45	APG	EPA 524.2
4-Chlorotoluene	<0.17	ug/L	0.17	0.57	1			5/14/2008 18:45	APG	EPA 524.2

Solid sample results reported on a Dry Weight Basis

06/26/2008 13:29 FAX 4144275034 ESC 005

CT LAB#: 563649 | Sample Description: PW-BONK | Sampled: 5/8/2008 0935

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Benzene	<0.12	ug/L	0.12	0.40	1			5/14/2008 18:45	APG	EPA 524.2
Bromobenzene	<0.14	ug/L	0.14	0.48	1			5/14/2008 18:45	APG	EPA 524.2
Bromochloromethane	<0.20	ug/L	0.20	0.66	1			5/14/2008 18:45	APG	EPA 524.2
Bromodichloromethane	<0.14	ug/L	0.14	0.46	1			5/14/2008 18:45	APG	EPA 524.2
Bromoform	<0.28	ug/L	0.28	0.94	1			5/14/2008 18:45	APG	EPA 524.2
Bromomethane	<0.30	ug/L	0.30	1.1	1			5/14/2008 18:45	APG	EPA 524.2
n-Butylbenzene	<0.30	ug/L	0.30	1.1	1			5/14/2008 18:45	APG	EPA 524.2
sec-Butylbenzene	<0.40	ug/L	0.40	1.3	1			5/14/2008 18:45	APG	EPA 524.2
tert-Butylbenzene	<0.40	ug/L	0.40	1.3	1			5/14/2008 18:45	APG	EPA 524.2
Carbon tetrachloride	<0.18	ug/L	0.18	0.56	1			5/14/2008 18:45	APG	EPA 524.2
Chlorobenzene	<0.13	ug/L	0.13	0.42	1			5/14/2008 18:45	APG	EPA 524.2
Chlorodibromomethane	<0.30	ug/L	0.30	1.0	1			5/14/2008 18:45	APG	EPA 524.2
Chloroethane	<0.40	ug/L	0.40	1.3	1			5/14/2008 18:45	APG	EPA 524.2
Chloroform	<0.14	ug/L	0.14	0.47	1			5/14/2008 18:45	APG	EPA 524.2
Chloromethane	<0.22	ug/L	0.22	0.75	1			5/14/2008 18:45	APG	EPA 524.2
Dibromomethane	<0.40	ug/L	0.40	1.2	1			5/14/2008 18:45	APG	EPA 524.2
Dichlorodifluoromethane	<0.40	ug/L	0.40	1.2	1			5/14/2008 18:45	APG	EPA 524.2
Ethylbenzene	<0.25	ug/L	0.25	0.84	1			5/14/2008 18:45	APG	EPA 524.2
Hexachlorobutadiene	<0.30	ug/L	0.30	1.2	1			5/14/2008 18:45	APG	EPA 524.2
Isopropylbenzene	<0.30	ug/L	0.30	1.1	1			5/14/2008 18:45	APG	EPA 524.2
p-Isopropyltoluene	<0.20	ug/L	0.20	0.67	1			5/14/2008 18:45	APG	EPA 524.2
Methyl tert-butyl ether	<0.13	ug/L	0.13	0.45	1			5/14/2008 18:45	APG	EPA 524.2
Methylene chloride	<0.50	ug/L	0.50	1.6	1			5/14/2008 18:45	APG	EPA 524.2
Naphthalene	<0.25	ug/L	0.25	0.84	1			5/14/2008 18:45	APG	EPA 524.2
n-Propylbenzene	<0.40	ug/L	0.40	1.3	1			5/14/2008 18:45	APG	EPA 524.2
Styrene	<0.16	ug/L	0.16	0.54	1			5/14/2008 18:45	APG	EPA 524.2

Solid sample results reported on a Dry Weight Basis

CT LAB#: 563649	Sample Description: PW-BONK						Sampled: 5/8/2008 0935		
Analyte	**Result**	**Units**	**LOD**	**LOQ**	**Dilution**	**Qualifier**	**Prep Date/Time**	**Analysis Date/Time**	**Analyst**	**Method**
Tetrachloroethene	<0.30	ug/L	0.30	1.1	1			5/14/2008 18:45	APG	EPA 524.2
Toluene	<0.28	ug/L	0.28	0.92	1			5/14/2008 18:45	APG	EPA 524.2
Trichloroethene	<0.24	ug/L	0.24	0.80	1			5/14/2008 18:45	APG	EPA 524.2
Trichlorofluoromethane	<0.16	ug/L	0.16	0.54	1			5/14/2008 18:45	APG	EPA 524.2
Vinyl chloride	<0.11	ug/L	0.11	0.35	1			5/14/2008 18:45	APG	EPA 524.2
Total Xylene	<0.40	ug/L	0.40	1.3	1			5/14/2008 18:45	APG	EPA 524.2

CT LAB#: 563650	Sample Description: PW-BULA				DNR License/Well #: 01953/302			Sampled: 5/8/2008 0940		
Analyte	**Result**	**Units**	**LOD**	**LOQ**	**Dilution**	**Qualifier**	**Prep Date/Time**	**Analysis Date/Time**	**Analyst**	**Method**
Field Results										
Color (Field)	CLEAR		N/A	N/A	1			5/23/2008	PML	
Conductivity (Field)	650	umhos/cm	N/A	N/A	1			5/23/2008	PML	
Odor (Field)	NONE		N/A	N/A	1			5/23/2008	PML	
pH (Field)	6.89	S.U.	N/A	N/A	1			5/23/2008	PML	
Temperature (Field)	11.3		N/A	N/A	1			5/23/2008	PML	
Turbidity (Field)	NONE		N/A	N/A	1			5/23/2008	PML	
Organic Results										
1,1,1,2-Tetrachloroethane	<0.17	ug/L	0.17	0.56	1			5/14/2008 19:24	APG	EPA 524.2
1,1,1-Trichloroethane	<0.19	ug/L	0.19	0.62	1			5/14/2008 19:24	APG	EPA 524.2
1,1,2,2-Tetrachloroethane	<0.14	ug/L	0.14	0.46	1			5/14/2008 19:24	APG	EPA 524.2
1,1,2-Trichloroethane	<0.18	ug/L	0.18	0.60	1			5/14/2008 19:24	APG	EPA 524.2
1,1-Dichloroethane	<0.21	ug/L	0.21	0.69	1			5/14/2008 19:24	APG	EPA 524.2
1,1-Dichloroethene	<0.24	ug/L	0.24	0.80	1			5/14/2008 19:24	APG	EPA 524.2
1,1-Dichloropropene	<0.29	ug/L	0.29	0.97	1			5/14/2008 19:24	APG	EPA 524.2

Solid sample results reported on a Dry Weight Basis

08/26/2008 13:30 FAX 4144275034 ESC 006

CT LAB#: 563650	Sample Description: PW-BULA				DNR License/Well #: 01953/302			Sampled: 5/8/2008 0940		
Analyte	**Result**	**Units**	**LOD**	**LOQ**	**Dilution**	**Qualifier**	**Prep Date/Time**	**Analysis Date/Time**	**Analyst**	**Method**
1,2,3-Trichlorobenzene	<0.28	ug/L	0.28	0.94	1			5/14/2008 19:24	APG	EPA 524.2
1,2,3-Trichloropropane	<0.23	ug/L	0.23	0.77	1			5/14/2008 19:24	APG	EPA 524.2
1,2,4-Trichlorobenzene	<0.28	ug/L	0.28	0.93	1			5/14/2008 19:24	APG	EPA 524.2
1,2,4-Trimethylbenzene	<0.10	ug/L	0.10	0.34	1			5/14/2008 19:24	APG	EPA 524.2
1,2-Dichlorobenzene	<0.17	ug/L	0.17	0.58	1			5/14/2008 19:24	APG	EPA 524.2
1,2-Dichloroethane	<0.19	ug/L	0.19	0.62	1			5/14/2008 19:24	APG	EPA 524.2
1,2-Dichloropropane	<0.17	ug/L	0.17	0.56	1			5/14/2008 19:24	APG	EPA 524.2
cis-1,2-Dichloroethene	<0.21	ug/L	0.21	0.69	1			5/14/2008 19:24	APG	EPA 524.2
trans-1,2-Dichloroethene	<0.27	ug/L	0.27	0.91	1			5/14/2008 19:24	APG	EPA 524.2
1,3,5-Trimethylbenzene	<0.40	ug/L	0.40	1.3	1			5/14/2008 19:24	APG	EPA 524.2
1,3-Dichlorobenzene	<0.19	ug/L	0.19	0.62	1			5/14/2008 19:24	APG	EPA 524.2
1,3-Dichloropropane	<0.40	ug/L	0.40	1.3	1			5/14/2008 19:24	APG	EPA 524.2
cis-1,3-Dichloropropene	<0.10	ug/L	0.10	0.33	1			5/14/2008 19:24	APG	EPA 524.2
trans-1,3-Dichloropropene	<0.13	ug/L	0.13	0.43	1			5/14/2008 19:24	APG	EPA 524.2
1,4-Dichlorobenzene	<0.11	ug/L	0.11	0.38	1			5/14/2008 19:24	APG	EPA 524.2
2,2-Dichloropropane	<0.19	ug/L	0.19	0.65	1			5/14/2008 19:24	APG	EPA 524.2
2-Chlorotoluene	<0.40	ug/L	0.40	1.3	1			5/14/2008 19:24	APG	EPA 524.2
4-Chlorotoluene	<0.17	ug/L	0.17	0.57	1			5/14/2008 19:24	APG	EPA 524.2
Benzene	<0.12	ug/L	0.12	0.40	1			5/14/2008 19:24	APG	EPA 524.2
Bromobenzene	<0.14	ug/L	0.14	0.48	1			5/14/2008 19:24	APG	EPA 524.2
Bromochloromethane	<0.20	ug/L	0.20	0.66	1			5/14/2008 19:24	APG	EPA 524.2
Bromodichloromethane	<0.14	ug/L	0.14	0.46	1			5/14/2008 19:24	APG	EPA 524.2
Bromoform	<0.28	ug/L	0.28	0.94	1			5/14/2008 19:24	APG	EPA 524.2
Bromomethane	<0.30	ug/L	0.30	1.1	1			5/14/2008 19:24	APG	EPA 524.2
n-Butylbenzene	<0.30	ug/L	0.30	1.1	1			5/14/2008 19:24	APG	EPA 524.2
sec-Butylbenzene	<0.40	ug/L	0.40	1.3	1			5/14/2008 19:24	APG	EPA 524.2

Solid sample results reported on a Dry Weight Basis

06/26/2008 13:30 FAX 4144275034 ESC 007

06/26/2008 13:30 FAX 4144275034 ESC 008

CT LAB#: 563650	Sample Description: PW-BULA			DNR License/Well #: 01953/302				Sampled: 5/8/2008 0940		
Analyte	**Result**	**Units**	**LOD**	**LOQ**	**Dilution**	**Qualifier**	**Prep Date/Time**	**Analysis Date/Time**	**Analyst**	**Method**
tert-Butylbenzene	<0.40	ug/L	0.40	1.3	1			5/14/2008 19:24	APG	EPA 524.2
Carbon tetrachloride	<0.18	ug/L	0.18	0.58	1			5/14/2008 19:24	APG	EPA 524.2
Chlorobenzene	<0.13	ug/L	0.13	0.42	1			5/14/2008 19:24	APG	EPA 524.2
Chlorodibromomethane	<0.30	ug/L	0.30	1.0	1			5/14/2008 19:24	APG	EPA 524.2
Chloroethane	<0.40	ug/L	0.40	1.3	1			5/14/2008 19:24	APG	EPA 524.2
Chloroform	<0.14	ug/L	0.14	0.47	1			5/14/2008 19:24	APG	EPA 524.2
Chloromethane	<0.22	ug/L	0.22	0.75	1			5/14/2008 19:24	APG	EPA 524.2
Dibromomethane	<0.40	ug/L	0.40	1.2	1			5/14/2008 19:24	APG	EPA 524.2
Dichlorodifluoromethane	<0.40	ug/L	0.40	1.2	1			5/14/2008 19:24	APG	EPA 524.2
Ethylbenzene	<0.25	ug/L	0.25	0.84	1			5/14/2008 19:24	APG	EPA 524.2
Hexachlorobutadiene	<0.30	ug/L	0.30	1.2	1			5/14/2008 19:24	APG	EPA 524.2
Isopropylbenzene	<0.30	ug/L	0.30	1.1	1			5/14/2008 19:24	APG	EPA 524.2
p-Isopropyltoluene	<0.20	ug/L	0.20	0.67	1			5/14/2008 19:24	APG	EPA 524.2
Methyl tert-butyl ether	<0.13	ug/L	0.13	0.45	1			5/14/2008 19:24	APG	EPA 524.2
Methylene chloride	<0.50	ug/L	0.50	1.6	1			5/14/2008 19:24	APG	EPA 524.2
Naphthalene	<0.25	ug/L	0.25	0.84	1			5/14/2008 19:24	APG	EPA 524.2
n-Propylbenzene	<0.40	ug/L	0.40	1.3	1			5/14/2008 19:24	APG	EPA 524.2
Styrene	<0.16	ug/L	0.16	0.54	1			5/14/2008 19:24	APG	EPA 524.2
Tetrachloroethene	<0.30	ug/L	0.30	1.1	1			5/14/2008 19:24	APG	EPA 524.2
Toluene	<0.28	ug/L	0.28	0.92	1			5/14/2008 19:24	APG	EPA 524.2
Trichloroethene	<0.24	ug/L	0.24	0.80	1			5/14/2008 19:24	APG	EPA 524.2
Trichlorofluoromethane	<0.16	ug/L	0.16	0.54	1			5/14/2008 19:24	APG	EPA 524.2
Vinyl chloride	<0.11	ug/L	0.11	0.35	1			5/14/2008 19:24	APG	EPA 524.2
Total Xylene	<0.40	ug/L	0.40	1.3	1			5/14/2008 19:24	APG	EPA 524.2

Solid sample results reported on a Dry Weight Basis

06/26/2008 13:30 FAX 4144275034 ESC 009

CT LAB#: 563651	Sample Description: PW-WHEAT/KRUEGER				DNR License/Well #: 01953/303			Sampled: 5/8/2008 1015		
Analyte	**Result**	**Units**	**LOD**	**LOQ**	**Dilution**	**Qualifier**	**Prep Date/Time**	**Analysis Date/Time**	**Analyst**	**Method**
Field Results										
Color (Field)	CLEAR		N/A	N/A	1			5/23/2008	PML	
Conductivity (Field)	1430	umhos/cm	N/A	N/A	1			5/23/2008	PML	
Odor (Field)	NONE		N/A	N/A	1			5/23/2008	PML	
pH (Field)	7.13	S.U.	N/A	N/A	1			5/23/2008	PML	
Temperature (Field)	11.8		N/A	N/A	1			5/23/2008	PML	
Turbidity (Field)	NONE		N/A	N/A	1			5/23/2008	PML	
Organic Results										
1,1,1,2-Tetrachloroethane	<0.17	ug/L	0.17	0.56	1			5/14/2008 20:03	APG	EPA 524.2
1,1,1-Trichloroethane	<0.19	ug/L	0.19	0.62	1			5/14/2008 20:03	APG	EPA 524.2
1,1,2,2-Tetrachloroethane	<0.14	ug/L	0.14	0.46	1			5/14/2008 20:03	APG	EPA 524.2
1,1,2-Trichloroethane	<0.18	ug/L	0.18	0.60	1			5/14/2008 20:03	APG	EPA 524.2
1,1-Dichloroethane	<0.21	ug/L	0.21	0.69	1			5/14/2008 20:03	APG	EPA 524.2
1,1-Dichloroethene	<0.24	ug/L	0.24	0.80	1			5/14/2008 20:03	APG	EPA 524.2
1,1-Dichloropropene	<0.29	ug/L	0.29	0.97	1			5/14/2008 20:03	APG	EPA 524.2
1,2,3-Trichlorobenzene	<0.28	ug/L	0.28	0.94	1			5/14/2008 20:03	APG	EPA 524.2
1,2,3-Trichloropropane	<0.23	ug/L	0.23	0.77	1			5/14/2008 20:03	APG	EPA 524.2
1,2,4-Trichlorobenzene	<0.28	ug/L	0.28	0.93	1			5/14/2008 20:03	APG	EPA 524.2
1,2,4-Trimethylbenzene	<0.10	ug/L	0.10	0.34	1			5/14/2008 20:03	APG	EPA 524.2
1,2-Dichlorobenzene	<0.17	ug/L	0.17	0.58	1			5/14/2008 20:03	APG	EPA 524.2
1,2-Dichloroethane	<0.19	ug/L	0.19	0.62	1			5/14/2008 20:03	APG	EPA 524.2
1,2-Dichloropropane	<0.17	ug/L	0.17	0.56	1			5/14/2008 20:03	APG	EPA 524.2
cis-1,2-Dichloroethene	<0.21	ug/L	0.21	0.69	1			5/14/2008 20:03	APG	EPA 524.2
trans-1,2-Dichloroethene	<0.27	ug/L	0.27	0.91	1			5/14/2008 20:03	APG	EPA 524.2
1,3,5-Trimethylbenzene	<0.40	ug/L	0.40	1.3	1			5/14/2008 20:03	APG	EPA 524.2

Solid sample results reported on a Dry Weight Basis

CT LAB#: 563651	Sample Description: PW-WHEAT/KRUEGER				DNR License/Well #: 01953/303			Sampled: 5/8/2008 1015		
Analyte	**Result**	**Units**	**LOD**	**LOQ**	**Dilution**	**Qualifier**	**Prep Date/Time**	**Analysis Date/Time**	**Analyst**	**Method**
1,3-Dichlorobenzene	<0.19	ug/L	0.19	0.62	1			5/14/2008 20:03	APG	EPA 524.2
1,3-Dichloropropane	<0.40	ug/L	0.40	1.3	1			5/14/2008 20:03	APG	EPA 524.2
cis-1,3-Dichloropropene	<0.10	ug/L	0.10	0.33	1			5/14/2008 20:03	APG	EPA 524.2
trans-1,3-Dichloropropene	<0.13	ug/L	0.13	0.43	1			5/14/2008 20:03	APG	EPA 524.2
1,4-Dichlorobenzene	<0.11	ug/L	0.11	0.38	1			5/14/2008 20:03	APG	EPA 524.2
2,2-Dichloropropane	<0.19	ug/L	0.19	0.65	1			5/14/2008 20:03	APG	EPA 524.2
2-Chlorotoluene	<0.40	ug/L	0.40	1.3	1			5/14/2008 20:03	APG	EPA 524.2
4-Chlorotoluene	<0.17	ug/L	0.17	0.57	1			5/14/2008 20:03	APG	EPA 524.2
Benzene	<0.12	ug/L	0.12	0.40	1			5/14/2008 20:03	APG	EPA 524.2
Bromobenzene	<0.14	ug/L	0.14	0.48	1			5/14/2008 20:03	APG	EPA 524.2
Bromochloromethane	<0.20	ug/L	0.20	0.66	1			5/14/2008 20:03	APG	EPA 524.2
Bromodichloromethane	<0.14	ug/L	0.14	0.46	1			5/14/2008 20:03	APG	EPA 524.2
Bromoform	<0.28	ug/L	0.28	0.94	1			5/14/2008 20:03	APG	EPA 524.2
Bromomethane	<0.30	ug/L	0.30	1.1	1			5/14/2008 20:03	APG	EPA 524.2
n-Butylbenzene	<0.30	ug/L	0.30	1.1	1			5/14/2008 20:03	APG	EPA 524.2
sec-Butylbenzene	<0.40	ug/L	0.40	1.3	1			5/14/2008 20:03	APG	EPA 524.2
tert-Butylbenzene	<0.40	ug/L	0.40	1.3	1			5/14/2008 20:03	APG	EPA 524.2
Carbon tetrachloride	<0.18	ug/L	0.18	0.58	1			5/14/2008 20:03	APG	EPA 524.2
Chlorobenzene	<0.13	ug/L	0.13	0.42	1			5/14/2008 20:03	APG	EPA 524.2
Chlorodibromomethane	<0.30	ug/L	0.30	1.0	1			5/14/2008 20:03	APG	EPA 524.2
Chloroethane	<0.40	ug/L	0.40	1.3	1			5/14/2008 20:03	APG	EPA 524.2
Chloroform	<0.14	ug/L	0.14	0.47	1			5/14/2008 20:03	APG	EPA 524.2
Chloromethane	<0.22	ug/L	0.22	0.75	1			5/14/2008 20:03	APG	EPA 524.2
Dibromomethane	<0.40	ug/L	0.40	1.2	1			5/14/2008 20:03	APG	EPA 524.2
Dichlorodifluoromethane	<0.40	ug/L	0.40	1.2	1			5/14/2008 20:03	APG	EPA 524.2
Ethylbenzene	<0.25	ug/L	0.25	0.84	1			5/14/2008 20:03	APG	EPA 524.2

Solid sample results reported on a Dry Weight Basis

06/26/2008 13:30 FAX 4144275034 ESC 010

06/26/2008 13:30 FAX 4144275034 ESC 011

CT LAB#: 563651	Sample Description: PW-WHEAT/KRUEGER			DNR License/Well #: 01953/303			Sampled: 5/8/2008 1015		
Analyte	**Result**	**Units**	**LOD**	**LOQ**	**Dilution**	**Qualifier**	**Prep Date/Time**	**Analysis Date/Time**	**Analyst**	**Method**
Hexachlorobutadiene	<0.30	ug/L	0.30	1.2	1			5/14/2008 20:03	APG	EPA 524.2
Isopropylbenzene	<0.30	ug/L	0.30	1.1	1			5/14/2008 20:03	APG	EPA 524.2
p-Isopropyltoluene	<0.20	ug/L	0.20	0.67	1			5/14/2008 20:03	APG	EPA 524.2
Methyl tert-butyl ether	<0.13	ug/L	0.13	0.45	1			5/14/2008 20:03	APG	EPA 524.2
Methylene chloride	<0.50	ug/L	0.50	1.6	1			5/14/2008 20:03	APG	EPA 524.2
Naphthalene	<0.25	ug/L	0.25	0.84	1			5/14/2008 20:03	APG	EPA 524.2
n-Propylbenzene	<0.40	ug/L	0.40	1.3	1			5/14/2008 20:03	APG	EPA 524.2
Styrene	<0.16	ug/L	0.16	0.54	1			5/14/2008 20:03	APG	EPA 524.2
Tetrachloroethene	<0.30	ug/L	0.30	1.1	1			5/14/2008 20:03	APG	EPA 524.2
Toluene	<0.28	ug/L	0.28	0.92	1			5/14/2008 20:03	APG	EPA 524.2
Trichloroethene	<0.24	ug/L	0.24	0.80	1			5/14/2008 20:03	APG	EPA 524.2
Trichlorofluoromethane	<0.16	ug/L	0.16	0.54	1			5/14/2008 20:03	APG	EPA 524.2
Vinyl chloride	<0.11	ug/L	0.11	0.35	1			5/14/2008 20:03	APG	EPA 524.2
Total Xylene	<0.40	ug/L	0.40	1.3	1			5/14/2008 20:03	APG	EPA 524.2

CT LAB#: 563652	Sample Description: PW-TANTROW/THOMPSON			DNR License/Well #: 01953/304			Sampled: 5/8/2008 1020		
Analyte	**Result**	**Units**	**LOD**	**LOQ**	**Dilution**	**Qualifier**	**Prep Date/Time**	**Analysis Date/Time**	**Analyst**	**Method**
Field Results										
Color (Field)	CLEAR		N/A	N/A	1			5/23/2008	PML	
Conductivity (Field)	1476	umhos/cm	N/A	N/A	1			5/23/2008	PML	
Odor (Field)	NONE		N/A	N/A	1			5/23/2008	PML	
pH (Field)	7.70	S.U.	N/A	N/A	1			5/23/2008	PML	
Temperature (Field)	11.7		N/A	N/A	1			5/23/2008	PML	
Turbidity (Field)	NONE		N/A	N/A	1			5/23/2008	PML	

Solid sample results reported on a Dry Weight Basis

06/26/2008 13:30 FAX 4144275034 ESC 012

CT LAB#: 563652	Sample Description: PW-TANTROW/THOMPSON				DNR License/Well #: 01953/304			Sampled: 5/8/2008 1020		
Analyte	**Result**	**Units**	**LOD**	**LOQ**	**Dilution**	**Qualifier**	**Prep Date/Time**	**Analysis Date/Time**	**Analyst**	**Method**
Organic Results										
1,1,1,2-Tetrachloroethane	<0.17	ug/L	0.17	0.56	1			5/14/2008 20:40	APG	EPA 524.2
1,1,1-Trichloroethane	<0.19	ug/L	0.19	0.62	1			5/14/2008 20:40	APG	EPA 524.2
1,1,2,2-Tetrachloroethane	<0.14	ug/L	0.14	0.46	1			5/14/2008 20:40	APG	EPA 524.2
1,1,2-Trichloroethane	<0.18	ug/L	0.18	0.60	1			5/14/2008 20:40	APG	EPA 524.2
1,1-Dichloroethane	<0.21	ug/L	0.21	0.69	1			5/14/2008 20:40	APG	EPA 524.2
1,1-Dichloroethene	<0.24	ug/L	0.24	0.80	1			5/14/2008 20:40	APG	EPA 524.2
1,1-Dichloropropene	<0.29	ug/L	0.29	0.97	1			5/14/2008 20:40	APG	EPA 524.2
1,2,3-Trichlorobenzene	<0.28	ug/L	0.28	0.94	1			5/14/2008 20:40	APG	EPA 524.2
1,2,3-Trichloropropane	<0.23	ug/L	0.23	0.77	1			5/14/2008 20:40	APG	EPA 524.2
1,2,4-Trichlorobenzene	<0.28	ug/L	0.28	0.93	1			5/14/2008 20:40	APG	EPA 524.2
1,2,4-Trimethylbenzene	<0.10	ug/L	0.10	0.34	1			5/14/2008 20:40	APG	EPA 524.2
1,2-Dichlorobenzene	<0.17	ug/L	0.17	0.58	1			5/14/2008 20:40	APG	EPA 524.2
1,2-Dichloroethane	<0.19	ug/L	0.19	0.62	1			5/14/2008 20:40	APG	EPA 524.2
1,2-Dichloropropane	<0.17	ug/L	0.17	0.56	1			5/14/2008 20:40	APG	EPA 524.2
cis-1,2-Dichloroethene	<0.21	ug/L	0.21	0.69	1			5/14/2008 20:40	APG	EPA 524.2
trans-1,2-Dichloroethene	<0.27	ug/L	0.27	0.91	1			5/14/2008 20:40	APG	EPA 524.2
1,3,5-Trimethylbenzene	<0.40	ug/L	0.40	1.3	1			5/14/2008 20:40	APG	EPA 524.2
1,3-Dichlorobenzene	<0.19	ug/L	0.19	0.62	1			5/14/2008 20:40	APG	EPA 524.2
1,3-Dichloropropane	<0.40	ug/L	0.40	1.3	1			5/14/2008 20:40	APG	EPA 524.2
cis-1,3-Dichloropropene	<0.10	ug/L	0.10	0.33	1			5/14/2008 20:40	APG	EPA 524.2
trans-1,3-Dichloropropene	<0.13	ug/L	0.13	0.43	1			5/14/2008 20:40	APG	EPA 524.2
1,4-Dichlorobenzene	<0.11	ug/L	0.11	0.38	1			5/14/2008 20:40	APG	EPA 524.2
2,2-Dichloropropane	<0.19	ug/L	0.19	0.65	1			5/14/2008 20:40	APG	EPA 524.2
2-Chlorotoluene	<0.40	ug/L	0.40	1.3	1			5/14/2008 20:40	APG	EPA 524.2
4-Chlorotoluene	<0.17	ug/L	0.17	0.57	1			5/14/2008 20:40	APG	EPA 524.2

Solid sample results reported on a Dry Weight Basis

CT LAB#: 563652	Sample Description: PW-TANTROW/THOMPSON				DNR License/Well #: 01953/304			Sampled: 5/8/2008 1020		
Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Benzene	<0.12	ug/L	0.12	0.40	1			5/14/2008 20:40	APG	EPA 524.2
Bromobenzene	<0.14	ug/L	0.14	0.48	1			5/14/2008 20:40	APG	EPA 524.2
Bromochloromethane	<0.20	ug/L	0.20	0.66	1			5/14/2008 20:40	APG	EPA 524.2
Bromodichloromethane	<0.14	ug/L	0.14	0.46	1			5/14/2008 20:40	APG	EPA 524.2
Bromoform	<0.28	ug/L	0.28	0.94	1			5/14/2008 20:40	APG	EPA 524.2
Bromomethane	<0.30	ug/L	0.30	1.1	1			5/14/2008 20:40	APG	EPA 524.2
n-Butylbenzene	<0.30	ug/L	0.30	1.1	1			5/14/2008 20:40	APG	EPA 524.2
sec-Butylbenzene	<0.40	ug/L	0.40	1.3	1			5/14/2008 20:40	APG	EPA 524.2
tert-Butylbenzene	<0.40	ug/L	0.40	1.3	1			5/14/2008 20:40	APG	EPA 524.2
Carbon tetrachloride	<0.18	ug/L	0.18	0.58	1			5/14/2008 20:40	APG	EPA 524.2
Chlorobenzene	<0.13	ug/L	0.13	0.42	1			5/14/2008 20:40	APG	EPA 524.2
Chlorodibromomethane	<0.30	ug/L	0.30	1.0	1			5/14/2008 20:40	APG	EPA 524.2
Chloroethane	<0.40	ug/L	0.40	1.3	1			5/14/2008 20:40	APG	EPA 524.2
Chloroform	<0.14	ug/L	0.14	0.47	1			5/14/2008 20:40	APG	EPA 524.2
Chloromethane	<0.22	ug/L	0.22	0.75	1			5/14/2008 20:40	APG	EPA 524.2
Dibromomethane	<0.40	ug/L	0.40	1.2	1			5/14/2008 20:40	APG	EPA 524.2
Dichlorodifluoromethane	<0.40	ug/L	0.40	1.2	1			5/14/2008 20:40	APG	EPA 524.2
Ethylbenzene	<0.25	ug/L	0.25	0.84	1			5/14/2008 20:40	APG	EPA 524.2
Hexachlorobutadiene	<0.30	ug/L	0.30	1.2	1			5/14/2008 20:40	APG	EPA 524.2
Isopropylbenzene	<0.30	ug/L	0.30	1.1	1			5/14/2008 20:40	APG	EPA 524.2
p-Isopropyltoluene	<0.20	ug/L	0.20	0.67	1			5/14/2008 20:40	APG	EPA 524.2
Methyl tert-butyl ether	<0.13	ug/L	0.13	0.45	1			5/14/2008 20:40	APG	EPA 524.2
Methylene chloride	<0.50	ug/L	0.50	1.6	1			5/14/2008 20:40	APG	EPA 524.2
Naphthalene	<0.25	ug/L	0.25	0.84	1			5/14/2008 20:40	APG	EPA 524.2
n-Propylbenzene	<0.40	ug/L	0.40	1.3	1			5/14/2008 20:40	APG	EPA 524.2
Styrene	<0.16	ug/L	0.16	0.54	1			5/14/2008 20:40	APG	EPA 524.2

Solid sample results reported on a Dry Weight Basis

06/26/2008 13:30 FAX 4144275034 ESC 013

08/28/2008 13:31 FAX 4144275034 ESC 014

CT LAB#: 563652	Sample Description: PW-TANTROW/THOMPSON				DNR License/Well #: 01953/304			Sampled: 5/8/2008 1020		
Analyte	**Result**	**Units**	**LOD**	**LOQ**	**Dilution**	**Qualifier**	**Prep Date/Time**	**Analysis Date/Time**	**Analyst**	**Method**
Tetrachloroethene	<0.30	ug/L	0.30	1.1	1			5/14/2008 20:40	APG	EPA 524.2
Toluene	<0.28	ug/L	0.28	0.92	1			5/14/2008 20:40	APG	EPA 524.2
Trichloroethene	<0.24	ug/L	0.24	0.80	1			5/14/2008 20:40	APG	EPA 524.2
Trichlorofluoromethane	<0.16	ug/L	0.16	0.54	1			5/14/2008 20:40	APG	EPA 524.2
Vinyl chloride	<0.11	ug/L	0.11	0.35	1			5/14/2008 20:40	APG	EPA 524.2
Total Xylene	<0.40	ug/L	0.40	1.3	1			5/14/2008 20:40	APG	EPA 524.2

CT LAB#: 563653	Sample Description: PW-SUMMERS				DNR License/Well #: 01953/307			Sampled: 5/8/2008 1415		
Analyte	**Result**	**Units**	**LOD**	**LOQ**	**Dilution**	**Qualifier**	**Prep Date/Time**	**Analysis Date/Time**	**Analyst**	**Method**
Field Results										
Color (Field)	CLEAR		N/A	N/A	1			5/23/2008	PML	
Conductivity (Field)	634	umhos/cm	N/A	N/A	1			5/23/2008	PML	
Odor (Field)	NONE		N/A	N/A	1			5/23/2008	PML	
pH (Field)	7.53	S.U.	N/A	N/A	1			5/23/2008	PML	
Temperature (Field)	17.0		N/A	N/A	1			5/23/2008	PML	
Turbidity (Field)	NONE		N/A	N/A	1			5/23/2008	PML	
Organic Results										
1,1,1,2-Tetrachloroethane	<0.17	ug/L	0.17	0.56	1			5/14/2008 21:19	APG	EPA 524.2
1,1,1-Trichloroethane	<0.19	ug/L	0.19	0.62	1			5/14/2008 21:19	APG	EPA 524.2
1,1,2,2-Tetrachloroethane	<0.14	ug/L	0.14	0.46	1			5/14/2008 21:19	APG	EPA 524.2
1,1,2-Trichloroethane	<0.18	ug/L	0.18	0.60	1			5/14/2008 21:19	APG	EPA 524.2
1,1-Dichloroethane	<0.21	ug/L	0.21	0.69	1			5/14/2008 21:19	APG	EPA 524.2
1,1-Dichloroethene	<0.24	ug/L	0.24	0.80	1			5/14/2008 21:19	APG	EPA 524.2
1,1-Dichloropropene	<0.29	ug/L	0.29	0.97	1			5/14/2008 21:19	APG	EPA 524.2

Solid sample results reported on a Dry Weight Basis

CT LAB#: 563653	Sample Description: PW-SUMMERS				DNR License/Well #: 01953/307			Sampled: 5/8/2008 1415		
Analyte	**Result**	**Units**	**LOD**	**LOQ**	**Dilution**	**Qualifier**	**Prep Date/Time**	**Analysis Date/Time**	**Analyst**	**Method**
1,2,3-Trichlorobenzene	<0.28	ug/L	0.28	0.94	1			5/14/2008 21:19	APG	EPA 524.2
1,2,3-Trichloropropane	<0.23	ug/L	0.23	0.77	1			5/14/2008 21:19	APG	EPA 524.2
1,2,4-Trichlorobenzene	<0.28	ug/L	0.28	0.93	1			5/14/2008 21:19	APG	EPA 524.2
1,2,4-Trimethylbenzene	<0.10	ug/L	0.10	0.34	1			5/14/2008 21:19	APG	EPA 524.2
1,2-Dichlorobenzene	<0.17	ug/L	0.17	0.58	1			5/14/2008 21:19	APG	EPA 524.2
1,2-Dichloroethane	<0.19	ug/L	0.19	0.62	1			5/14/2008 21:19	APG	EPA 524.2
1,2-Dichloropropane	<0.17	ug/L	0.17	0.56	1			5/14/2008 21:19	APG	EPA 524.2
cis-1,2-Dichloroethene	<0.21	ug/L	0.21	0.69	1			5/14/2008 21:19	APG	EPA 524.2
trans-1,2-Dichloroethene	<0.27	ug/L	0.27	0.91	1			5/14/2008 21:19	APG	EPA 524.2
1,3,5-Trimethylbenzene	<0.40	ug/L	0.40	1.3	1			5/14/2008 21:19	APG	EPA 524.2
1,3-Dichlorobenzene	<0.19	ug/L	0.19	0.62	1			5/14/2008 21:19	APG	EPA 524.2
1,3-Dichloropropane	<0.40	ug/L	0.40	1.3	1			5/14/2008 21:19	APG	EPA 524.2
cis-1,3-Dichloropropene	<0.10	ug/L	0.10	0.33	1			5/14/2008 21:19	APG	EPA 524.2
trans-1,3-Dichloropropene	<0.13	ug/L	0.13	0.43	1			5/14/2008 21:19	APG	EPA 524.2
1,4-Dichlorobenzene	<0.11	ug/L	0.11	0.38	1			5/14/2008 21:19	APG	EPA 524.2
2,2-Dichloropropane	<0.19	ug/L	0.19	0.65	1			5/14/2008 21:19	APG	EPA 524.2
2-Chlorotoluene	<0.40	ug/L	0.40	1.3	1			5/14/2008 21:19	APG	EPA 524.2
4-Chlorotoluene	<0.17	ug/L	0.17	0.57	1			5/14/2008 21:19	APG	EPA 524.2
Benzene	<0.12	ug/L	0.12	0.40	1			5/14/2008 21:19	APG	EPA 524.2
Bromobenzene	<0.14	ug/L	0.14	0.48	1			5/14/2008 21:19	APG	EPA 524.2
Bromochloromethane	<0.20	ug/L	0.20	0.66	1			5/14/2008 21:19	APG	EPA 524.2
Bromodichloromethane	<0.14	ug/L	0.14	0.46	1			5/14/2008 21:19	APG	EPA 524.2
Bromoform	<0.28	ug/L	0.28	0.94	1			5/14/2008 21:19	APG	EPA 524.2
Bromomethane	<0.30	ug/L	0.30	1.1	1			5/14/2008 21:19	APG	EPA 524.2
n-Butylbenzene	<0.30	ug/L	0.30	1.1	1			5/14/2008 21:19	APG	EPA 524.2
sec-Butylbenzene	<0.40	ug/L	0.40	1.3	1			5/14/2008 21:19	APG	EPA 524.2

Solid sample results reported on a Dry Weight Basis

06/26/2008 13:31 FAX 4144275034 ESC 015

08/28/2008 13:31 FAX 4144275034 ESC 016

CT LAB#: 563653	Sample Description: PW-SUMMERS				DNR License/Well #: 01953/307			Sampled: 5/8/2008 1415		
Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
tert-Butylbenzene	<0.40	ug/L	0.40	1.3	1			5/14/2008 21:19	APG	EPA 524.2
Carbon tetrachloride	<0.18	ug/L	0.18	0.58	1			5/14/2008 21:19	APG	EPA 524.2
Chlorobenzene	<0.13	ug/L	0.13	0.42	1			5/14/2008 21:19	APG	EPA 524.2
Chlorodibromomethane	<0.30	ug/L	0.30	1.0	1			5/14/2008 21:19	APG	EPA 524.2
Chloroethane	<0.40	ug/L	0.40	1.3	1			5/14/2008 21:19	APG	EPA 524.2
Chloroform	<0.14	ug/L	0.14	0.47	1			5/14/2008 21:19	APG	EPA 524.2
Chloromethane	<0.22	ug/L	0.22	0.75	1			5/14/2008 21:19	APG	EPA 524.2
Dibromomethane	<0.40	ug/L	0.40	1.2	1			5/14/2008 21:19	APG	EPA 524.2
Dichlorodifluoromethane	<0.40	ug/L	0.40	1.2	1			5/14/2008 21:19	APG	EPA 524.2
Ethylbenzene	<0.25	ug/L	0.25	0.84	1			5/14/2008 21:19	APG	EPA 524.2
Hexachlorobutadiene	<0.30	ug/L	0.30	1.2	1			5/14/2008 21:19	APG	EPA 524.2
Isopropylbenzene	<0.30	ug/L	0.30	1.1	1			5/14/2008 21:19	APG	EPA 524.2
p-Isopropyltoluene	<0.20	ug/L	0.20	0.67	1			5/14/2008 21:19	APG	EPA 524.2
Methyl tert-butyl ether	<0.13	ug/L	0.13	0.45	1			5/14/2008 21:19	APG	EPA 524.2
Methylene chloride	<0.50	ug/L	0.50	1.6	1			5/14/2008 21:19	APG	EPA 524.2
Naphthalene	<0.25	ug/L	0.25	0.84	1			5/14/2008 21:19	APG	EPA 524.2
n-Propylbenzene	<0.40	ug/L	0.40	1.3	1			5/14/2008 21:19	APG	EPA 524.2
Styrene	<0.16	ug/L	0.16	0.54	1			5/14/2008 21:19	APG	EPA 524.2
Tetrachloroethene	<0.30	ug/L	0.30	1.1	1			5/14/2008 21:19	APG	EPA 524.2
Toluene	<0.28	ug/L	0.28	0.92	1			5/14/2008 21:19	APG	EPA 524.2
Trichloroethene	<0.24	ug/L	0.24	0.80	1			5/14/2008 21:19	APG	EPA 524.2
Trichlorofluoromethane	<0.16	ug/L	0.16	0.54	1			5/14/2008 21:19	APG	EPA 524.2
Vinyl chloride	<0.11	ug/L	0.11	0.35	1			5/14/2008 21:19	APG	EPA 524.2
Total Xylene	<0.40	ug/L	0.40	1.3	1			5/14/2008 21:19	APG	EPA 524.2

Solid sample results reported on a Dry Weight Basis

08/28/2008 13:31 FAX 4144275034 ESC 001

CT LAB#: 563654	Sample Description: PW-NOLES			DNR License/Well #: 01953/312			Sampled: 5/8/2008 1110		
Analyte	**Result**	**Units**	**LOD**	**LOQ**	**Dilution**	**Qualifier**	**Prep Date/Time**	**Analysis Date/Time**	**Analyst**	**Method**
Field Results										
Color (Field)	CLEAR		N/A	N/A	1			5/23/2008	PML	
Conductivity (Field)	765	umhos/cm	N/A	N/A	1			5/23/2008	PML	
Odor (Field)	NONE		N/A	N/A	1			5/23/2008	PML	
pH (Field)	7.47	S.U.	N/A	N/A	1			5/23/2008	PML	
Temperature (Field)	13.1		N/A	N/A	1			5/23/2008	PML	
Turbidity (Field)	NONE		N/A	N/A	1			5/23/2008	PML	
Organic Results										
1,1,1,2-Tetrachloroethane	<0.17	ug/L	0.17	0.56	1			5/14/2008 21:57	APG	EPA 524.2
1,1,1-Trichloroethane	<0.19	ug/L	0.19	0.62	1			5/14/2008 21:57	APG	EPA 524.2
1,1,2,2-Tetrachloroethane	<0.14	ug/L	0.14	0.46	1			5/14/2008 21:57	APG	EPA 524.2
1,1,2-Trichloroethane	<0.18	ug/L	0.18	0.60	1			5/14/2008 21:57	APG	EPA 524.2
1,1-Dichloroethane	0.46	ug/L	0.21	0.69	1			5/14/2008 21:57	APG	EPA 524.2
1,1-Dichloroethene	<0.24	ug/L	0.24	0.80	1			5/14/2008 21:57	APG	EPA 524.2
1,1-Dichloropropene	<0.29	ug/L	0.29	0.97	1			5/14/2008 21:57	APG	EPA 524.2
1,2,3-Trichlorobenzene	<0.28	ug/L	0.28	0.94	1			5/14/2008 21:57	APG	EPA 524.2
1,2,3-Trichloropropane	<0.23	ug/L	0.23	0.77	1			5/14/2008 21:57	APG	EPA 524.2
1,2,4-Trichlorobenzene	<0.28	ug/L	0.28	0.93	1			5/14/2008 21:57	APG	EPA 524.2
1,2,4-Trimethylbenzene	<0.10	ug/L	0.10	0.34	1			5/14/2008 21:57	APG	EPA 524.2
1,2-Dichlorobenzene	<0.17	ug/L	0.17	0.58	1			5/14/2008 21:57	APG	EPA 524.2
1,2-Dichloroethane	<0.19	ug/L	0.19	0.62	1			5/14/2008 21:57	APG	EPA 524.2
1,2-Dichloropropane	<0.17	ug/L	0.17	0.56	1			5/14/2008 21:57	APG	EPA 524.2
cis-1,2-Dichloroethene	3.5	ug/L	0.21	0.69	1			5/14/2008 21:57	APG	EPA 524.2
trans-1,2-Dichloroethene	<0.27	ug/L	0.27	0.91	1			5/14/2008 21:57	APG	EPA 524.2
1,3,5-Trimethylbenzene	<0.40	ug/L	0.40	1.3	1			5/14/2008 21:57	APG	EPA 524.2

Solid sample results reported on a Dry Weight Basis

CT LAB#: 563654	Sample Description: PW-NOLES				DNR License/Well #: 01953/312			Sampled: 5/8/2008 1110		
Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
1,3-Dichlorobenzene	<0.19	ug/L	0.19	0.62	1			5/14/2008 21:57	APG	EPA 524.2
1,3-Dichloropropane	<0.40	ug/L	0.40	1.3	1			5/14/2008 21:57	APG	EPA 524.2
cis-1,3-Dichloropropene	<0.10	ug/L	0.10	0.33	1			5/14/2008 21:57	APG	EPA 524.2
trans-1,3-Dichloropropene	<0.13	ug/L	0.13	0.43	1			5/14/2008 21:57	APG	EPA 524.2
1,4-Dichlorobenzene	<0.11	ug/L	0.11	0.38	1			5/14/2008 21:57	APG	EPA 524.2
2,2-Dichloropropane	<0.19	ug/L	0.19	0.65	1			5/14/2008 21:57	APG	EPA 524.2
2-Chlorotoluene	<0.40	ug/L	0.40	1.3	1			5/14/2008 21:57	APG	EPA 524.2
4-Chlorotoluene	<0.17	ug/L	0.17	0.57	1			5/14/2008 21:57	APG	EPA 524.2
Benzene	<0.12	ug/L	0.12	0.40	1			5/14/2008 21:57	APG	EPA 524.2
Bromobenzene	<0.14	ug/L	0.14	0.48	1			5/14/2008 21:57	APG	EPA 524.2
Bromochloromethane	<0.20	ug/L	0.20	0.66	1			5/14/2008 21:57	APG	EPA 524.2
Bromodichloromethane	<0.14	ug/L	0.14	0.46	1			5/14/2008 21:57	APG	EPA 524.2
Bromoform	<0.28	ug/L	0.28	0.94	1			5/14/2008 21:57	APG	EPA 524.2
Bromomethane	<0.30	ug/L	0.30	1.1	1			5/14/2008 21:57	APG	EPA 524.2
n-Butylbenzene	<0.30	ug/L	0.30	1.1	1			5/14/2008 21:57	APG	EPA 524.2
sec-Butylbenzene	<0.40	ug/L	0.40	1.3	1			5/14/2008 21:57	APG	EPA 524.2
tert-Butylbenzene	<0.40	ug/L	0.40	1.3	1			5/14/2008 21:57	APG	EPA 524.2
Carbon tetrachloride	<0.18	ug/L	0.18	0.58	1			5/14/2008 21:57	APG	EPA 524.2
Chlorobenzene	<0.13	ug/L	0.13	0.42	1			5/14/2008 21:57	APG	EPA 524.2
Chlorodibromomethane	<0.30	ug/L	0.30	1.0	1			5/14/2008 21:57	APG	EPA 524.2
Chloroethane	<0.40	ug/L	0.40	1.3	1			5/14/2008 21:57	APG	EPA 524.2
Chloroform	<0.14	ug/L	0.14	0.47	1			5/14/2008 21:57	APG	EPA 524.2
Chloromethane	<0.22	ug/L	0.22	0.75	1			5/14/2008 21:57	APG	EPA 524.2
Dibromomethane	<0.40	ug/L	0.40	1.2	1			5/14/2008 21:57	APG	EPA 524.2
Dichlorodifluoromethane	0.74	ug/L	0.40	1.2	1			5/14/2008 21:57	APG	EPA 524.2
Ethylbenzene	<0.25	ug/L	0.25	0.84	1			5/14/2008 21:57	APG	EPA 524.2

Solid sample results reported on a Dry Weight Basis

06/26/2008 13:31 FAX 4144275034 ESC 018

06/26/2008 13:31 FAX 4144275034 ESC 019

CT LAB#: 563654	Sample Description: PW-NOLES			DNR License/Well #: 01953/312			Sampled: 5/8/2008 1110		
Analyte	**Result**	**Units**	**LOD**	**LOQ**	**Dilution**	**Qualifier**	**Prep Date/Time**	**Analysis Date/Time**	**Analyst**	**Method**
Hexachlorobutadiene	<0.30	ug/L	0.30	1.2	1			5/14/2008 21:57	APG	EPA 524.2
Isopropylbenzene	<0.30	ug/L	0.30	1.1	1			5/14/2008 21:57	APG	EPA 524.2
p-Isopropyltoluene	<0.20	ug/L	0.20	0.67	1			5/14/2008 21:57	APG	EPA 524.2
Methyl tert-butyl ether	<0.13	ug/L	0.13	0.45	1			5/14/2008 21:57	APG	EPA 524.2
Methylene chloride	<0.50	ug/L	0.50	1.6	1			5/14/2008 21:57	APG	EPA 524.2
Naphthalene	<0.25	ug/L	0.25	0.84	1			5/14/2008 21:57	APG	EPA 524.2
n-Propylbenzene	<0.40	ug/L	0.40	1.3	1			5/14/2008 21:57	APG	EPA 524.2
Styrene	<0.16	ug/L	0.16	0.54	1			5/14/2008 21:57	APG	EPA 524.2
Tetrachloroethene	4.4	ug/L	0.60	2.2	2			5/15/2008 12:51	RLD	EPA 524.2
Toluene	<0.28	ug/L	0.28	0.92	1			5/14/2008 21:57	APG	EPA 524.2
Trichloroethene	1.7	ug/L	0.24	0.80	1			5/14/2008 21:57	APG	EPA 524.2
Trichlorofluoromethane	0.28	ug/L	0.16	0.54	1			5/14/2008 21:57	APG	EPA 524.2
Vinyl chloride	<0.11	ug/L	0.11	0.35	1			5/14/2008 21:57	APG	EPA 524.2
Total Xylene	<0.40	ug/L	0.40	1.3	1			5/14/2008 21:57	APG	EPA 524.2

CT LAB#: 563655	Sample Description: PW-STOPPLEWORTH			DNR License/Well #: 01953/311			Sampled: 5/9/2008 1105		
Analyte	**Result**	**Units**	**LOD**	**LOQ**	**Dilution**	**Qualifier**	**Prep Date/Time**	**Analysis Date/Time**	**Analyst**	**Method**
Field Results										
Color (Field)	CLEAR		N/A	N/A	1			5/23/2008	PML	
Conductivity (Field)	620	umhos/cm	N/A	N/A	1			5/23/2008	PML	
Odor (Field)	NONE		N/A	N/A	1			5/23/2008	PML	
pH (Field)	7.55	S.U.	N/A	N/A	1			5/23/2008	PML	
Temperature (Field)	11.8		N/A	N/A	1			5/23/2008	PML	
Turbidity (Field)	NONE		N/A	N/A	1			5/23/2008	PML	

Solid sample results reported on a Dry Weight Basis

06/26/2008 13:31 FAX 4144275034 ESC 020

CT LAB#: 563655	Sample Description: PW-STOPPLEWORTH			DNR License/Well #: 01953/311			Sampled: 5/9/2008 1105		
Analyte	**Result**	**Units**	**LOD**	**LOQ**	**Dilution**	**Qualifier**	**Prep Date/Time**	**Analysis Date/Time**	**Analyst**	**Method**
Organic Results										
1,1,1,2-Tetrachloroethane	<0.17	ug/L	0.17	0.56	1			5/15/2008 10:55	APG	EPA 524.2
1,1,1-Trichloroethane	<0.19	ug/L	0.19	0.62	1			5/15/2008 10:55	APG	EPA 524.2
1,1,2,2-Tetrachloroethane	<0.14	ug/L	0.14	0.46	1			5/15/2008 10:55	APG	EPA 524.2
1,1,2-Trichloroethane	<0.18	ug/L	0.18	0.60	1			5/15/2008 10:55	APG	EPA 524.2
1,1-Dichloroethane	0.21	ug/L	0.21	0.69	1			5/15/2008 10:55	APG	EPA 524.2
1,1-Dichloroethene	<0.24	ug/L	0.24	0.80	1			5/15/2008 10:55	APG	EPA 524.2
1,1-Dichloropropene	<0.29	ug/L	0.29	0.97	1			5/15/2008 10:55	APG	EPA 524.2
1,2,3-Trichlorobenzene	<0.28	ug/L	0.28	0.94	1			5/15/2008 10:55	APG	EPA 524.2
1,2,3-Trichloropropane	<0.23	ug/L	0.23	0.77	1			5/15/2008 10:55	APG	EPA 524.2
1,2,4-Trichlorobenzene	<0.28	ug/L	0.28	0.93	1			5/15/2008 10:55	APG	EPA 524.2
1,2,4-Trimethylbenzene	<0.10	ug/L	0.10	0.34	1			5/15/2008 10:55	APG	EPA 524.2
1,2-Dichlorobenzene	<0.17	ug/L	0.17	0.58	1			5/15/2008 10:55	APG	EPA 524.2
1,2-Dichloroethane	<0.19	ug/L	0.19	0.62	1			5/15/2008 10:55	APG	EPA 524.2
1,2-Dichloropropane	<0.17	ug/L	0.17	0.56	1			5/15/2008 10:55	APG	EPA 524.2
cis-1,2-Dichloroethene	1.5	ug/L	0.21	0.69	1			5/15/2008 10:55	APG	EPA 524.2
trans-1,2-Dichloroethene	<0.27	ug/L	0.27	0.91	1			5/15/2008 10:55	APG	EPA 524.2
1,3,5-Trimethylbenzene	<0.40	ug/L	0.40	1.3	1			5/15/2008 10:55	APG	EPA 524.2
1,3-Dichlorobenzene	<0.19	ug/L	0.19	0.62	1			5/15/2008 10:55	APG	EPA 524.2
1,3-Dichloropropane	<0.40	ug/L	0.40	1.3	1			5/15/2008 10:55	APG	EPA 524.2
cis-1,3-Dichloropropene	<0.10	ug/L	0.10	0.33	1			5/15/2008 10:55	APG	EPA 524.2
trans-1,3-Dichloropropene	<0.13	ug/L	0.13	0.43	1			5/15/2008 10:55	APG	EPA 524.2
1,4-Dichlorobenzene	<0.11	ug/L	0.11	0.38	1			5/15/2008 10:55	APG	EPA 524.2
2,2-Dichloropropane	<0.19	ug/L	0.19	0.65	1			5/15/2008 10:55	APG	EPA 524.2
2-Chlorotoluene	<0.40	ug/L	0.40	1.3	1			5/15/2008 10:55	APG	EPA 524.2
4-Chlorotoluene	<0.17	ug/L	0.17	0.57	1			5/15/2008 10:55	APG	EPA 524.2

Solid sample results reported on a Dry Weight Basis

CT LAB#: 563655	Sample Description: PW-STOPPLEWORTH			DNR License/Well #: 01953/311			Sampled: 5/9/2008 1105		
Analyte	**Result**	**Units**	**LOD**	**LOQ**	**Dilution**	**Qualifier**	**Prep Date/Time**	**Analysis Date/Time**	**Analyst**	**Method**
Benzene	<0.12	ug/L	0.12	0.40	1			5/15/2008 10:55	APG	EPA 524.2
Bromobenzene	<0.14	ug/L	0.14	0.48	1			5/15/2008 10:55	APG	EPA 524.2
Bromochloromethane	<0.20	ug/L	0.20	0.66	1			5/15/2008 10:55	APG	EPA 524.2
Bromodichloromethane	<0.14	ug/L	0.14	0.46	1			5/15/2008 10:55	APG	EPA 524.2
Bromoform	<0.28	ug/L	0.28	0.94	1			5/15/2008 10:55	APG	EPA 524.2
Bromomethane	<0.30	ug/L	0.30	1.1	1			5/15/2008 10:55	APG	EPA 524.2
n-Butylbenzene	<0.30	ug/L	0.30	1.1	1			5/15/2008 10:55	APG	EPA 524.2
sec-Butylbenzene	<0.40	ug/L	0.40	1.3	1			5/15/2008 10:55	APG	EPA 524.2
tert-Butylbenzene	<0.40	ug/L	0.40	1.3	1			5/15/2008 10:55	APG	EPA 524.2
Carbon tetrachloride	<0.18	ug/L	0.18	0.58	1			5/15/2008 10:55	APG	EPA 524.2
Chlorobenzene	<0.13	ug/L	0.13	0.42	1			5/15/2008 10:55	APG	EPA 524.2
Chlorodibromomethane	<0.30	ug/L	0.30	1.0	1			5/15/2008 10:55	APG	EPA 524.2
Chloroethane	<0.40	ug/L	0.40	1.3	1			5/15/2008 10:55	APG	EPA 524.2
Chloroform	<0.14	ug/L	0.14	0.47	1			5/15/2008 10:55	APG	EPA 524.2
Chloromethane	<0.22	ug/L	0.22	0.75	1			5/15/2008 10:55	APG	EPA 524.2
Dibromomethane	<0.40	ug/L	0.40	1.2	1			5/15/2008 10:55	APG	EPA 524.2
Dichlorodifluoromethane	0.48	ug/L	0.40	1.2	1			5/15/2008 10:55	APG	EPA 524.2
Ethylbenzene	<0.25	ug/L	0.25	0.84	1			5/15/2008 10:55	APG	EPA 524.2
Hexachlorobutadiene	<0.30	ug/L	0.30	1.2	1			5/15/2008 10:55	APG	EPA 524.2
Isopropylbenzene	<0.30	ug/L	0.30	1.1	1			5/15/2008 10:55	APG	EPA 524.2
p-Isopropyltoluene	<0.20	ug/L	0.20	0.67	1			5/15/2008 10:55	APG	EPA 524.2
Methyl tert-butyl ether	<0.13	ug/L	0.13	0.45	1			5/15/2008 10:55	APG	EPA 524.2
Methylene chloride	<0.50	ug/L	0.50	1.6	1			5/15/2008 10:55	APG	EPA 524.2
Naphthalene	<0.25	ug/L	0.25	0.84	1			5/15/2008 10:55	APG	EPA 524.2
n-Propylbenzene	<0.40	ug/L	0.40	1.3	1			5/15/2008 10:55	APG	EPA 524.2
Styrene	<0.16	ug/L	0.16	0.54	1			5/15/2008 10:55	APG	EPA 524.2

Solid sample results reported on a Dry Weight Basis

06/26/2008 13:31 FAX 4144275034 ESC 021

CT LAB#: 563655	Sample Description: PW-STOPPLEWORTH				DNR License/Well #: 01953/311			Sampled: 5/9/2008 1105			
Analyte	**Result**	**Units**	**LOD**	**LOQ**	**Dilution**	**Qualifier**	**Prep Date/Time**	**Analysis Date/Time**		**Analyst**	**Method**
Tetrachloroethene	2.9	ug/L	0.30	1.1	1			5/15/2008	10:55	APG	EPA 524.2
Toluene	<0.28	ug/L	0.28	0.92	1			5/15/2008	10:55	APG	EPA 524.2
Trichloroethene	0.63	ug/L	0.24	0.80	1			5/15/2008	10:55	APG	EPA 524.2
Trichlorofluoromethane	<0.16	ug/L	0.16	0.54	1			5/15/2008	10:55	APG	EPA 524.2
Vinyl chloride	<0.11	ug/L	0.11	0.35	1			5/15/2008	10:55	APG	EPA 524.2
Total Xylene	<0.40	ug/L	0.40	1.3	1			5/15/2008	10:55	APG	EPA 524.2

CT LAB#: 563656	Sample Description: P-43D							Sampled: 5/8/2008 1245			
Analyte	**Result**	**Units**	**LOD**	**LOQ**	**Dilution**	**Qualifier**	**Prep Date/Time**	**Analysis Date/Time**		**Analyst**	**Method**
Field Results											
Color (Field)	BROWN		N/A	N/A	1			5/23/2008		PML	
Conductivity (Field)	588	umhos/cm	N/A	N/A	1			5/23/2008		PML	
Groundwater Elevation (Field)	923.57	Feet MSL	N/A	N/A	1			5/23/2008		PML	
Odor (Field)	NONE		N/A	N/A	1			5/23/2008		PML	
pH (Field)	7.69	S.U.	N/A	N/A	1			5/23/2008		PML	
Temperature (Field)	15.4	Deg. C	N/A	N/A	1			5/23/2008		PML	
Turbidity (Field)	MOD		N/A	N/A	1			5/23/2008		PML	
Organic Results											
Acetone	<7.0	ug/L	7.0	22	1			5/17/2008	3:20	APG	EPA 8260B ^
Benzene	<0.16	ug/L	0.16	0.55	1			5/17/2008	3:20	APG	EPA 8260B ^
Bromobenzene	<0.30	ug/L	0.30	1.1	1			5/17/2008	3:20	APG	EPA 8260B ^
Bromochloromethane	<0.21	ug/L	0.21	0.72	1			5/17/2008	3:20	APG	EPA 8260B ^
Bromodichloromethane	<0.19	ug/L	0.19	0.62	1			5/17/2008	3:20	APG	EPA 8260B ^
Bromoform	<0.50	ug/L	0.50	1.5	1			5/17/2008	3:20	APG	EPA 8260B ^

Solid sample results reported on a Dry Weight Basis

06/26/2008 13:32 FAX 4144275034 ESC 022

Environmental Sampling Corp. (ESC)
Field Status Report – May 2008

WDNR / Refuse Hideaway Landfill
Middleton, Wisconsin

COPY

Task	Sampling Period / Date	Sample Type / Description
I	05/07/08 – 05/09/08 & 05/12/08	Groundwater Monitoring Wells
II	05/08/08	Residential Wells
III	05/07/08 – 05/09/08	Ground Water Elevations

Project Status

I. *Groundwater Sampling:* ESC staff was on site May 5 through May 7 to sample the groundwater the following groundwater monitoring wells: P-8D, P-8S, P-9D, P-9S, P-16D, P-16S , P-17S, P-18S, P-20SR, P-21S, P-21D, P-21BR, P-22D, P-22S, P-22E, P-23D, P-23S, P-24D, P-24E, P-25BR, P-25D, P-25S, P-26S, P-26D, P-27D, P-27S, P-28S, P-29S, P-30D, P-30I, P-31D, P-31IA, P-31IB, P-31S, P-32D, P-32S, P-33D, P-34S, P-34D, P-40D, P-40I, P-41D, P-43S, P-43I & P-43D. Additional three year groundwater samples collected at P-8BR, P-33S, P-35S and P-35D. The remaining wells were purged and sampled using submersible electric pumps, dedicated bladder pumps or bailers. Two duplicate samples (DUP01= P-28S and DUP-02 = P-18S) were collected in accordance with ESC's QA/QC procedures. A field blank (FB-01) was collected near P-29S. Several laboratory trip blanks also accompanied the samples. Groundwater elevations were also measured at 16 additional monitoring wells during the May 2008 event.

II. *Residential Well Sampling:* ESC staff was on site May 6, 2008 to collect nine residential drinking water supply well samples (PW-Sather, PW-Bonk, PW-Summers, PW-Bula, PW-Wheat/Krueger, PW-Tantrow/Thompson, PW-Stoppleworth, & PW-Noles). One trip blank accompanied the samples in accordance with ESC's QA/QC procedures.

III. *Groundwater Elevations:* ESC staff was on site May 7 through May 9 to collect the groundwater elevations from all of the remaining monitoring wells on site. Results were recorded on ESC's Field Sheet.

Task Deviations and Reporting Turnaround

Test results will be available in approximately 30 days.

Field Observations

- Dup-01 = P-27D
- Dup-02 = P-18S
- Break in well @ P-16S approximately 10.5 feet below ground surface.

Proposed Additional Actions

- Well repairs and new locks.

Other Observations

- None.

Rev. 3/2006

Chain of Custody

Page 1 of 1

Company: ESC
Project Contact: Frank Pervgini
Telephone: 414-427-5033
Project Name: Refuse Hideaway
Project Number: 0508
Project Location: WI
Sampled By: Scott Freimark, Jeremy McIntyre

Regulatory Program:
UST RCRA SDWA NPDES
Solid Waste Other _____

CTLaboratories
1230 Lange Court, Baraboo, WI 53913
608-356-2760 Fax 608-356-2766
www.ctlaboratories.com

Turnaround Time
Normal RUSH*
Date Needed _____

*Notify Lab prior to sending in RUSH samples. Surcharges: 24 hr 200% 2-3 days 100% 4-9 days 50%, subject to change without notice.

Lab Use Only
Place Header Sticker Here:

Mail Report To: Frank Pervgini
Company: ESC
Address: W124 S9808 North Cape Rd
City/State/Zip: Muskego WI 53150

Invoice To:
Company: Small as Shore
Address:
City/State/Zip:

PO No.

Client Special Instructions:

Landfill License Number:

Collection Date	Collection Time	Grab/ Comp	Sample ID Description	WDNR Well ID #	**Matrix:	Filt? Y/N								Total # of Containers	Preservation*	Lab ID #
				Fill in Spaces with Bottles per Test												
5/12/08	1145	G	P-8S	-	GW	3								3	B	
	1320		P-21BR	-		3								3	B	
	1350		P-25BR	-		3								3	B	
	1250		P-25D	-		3								3	B	
↓	1350	↓	P-26S	-	↓	3								3	B	
5/12/08	1145	G	Dup-02	-	GW	3								3	B	
—	—	—	Trip Blank	-	W	1								1	B	

Relinquished By:	Date/Time	Relinquished By:	Date/Time
Received by:	Date/Time	Received for Laboratory by:	Date/Time

Ice Present Yes No
Temperature _____
Cooler # _____

**Matrix
S–Soil A–Air Sl–Sludge M–Misc Waste
GW–Groundwater SW–Surface Water
WW–Wastewater DW–Drinking Water

* Preservation Code
A=None B=HCL
C=H2SO4 D=HNO3
E=Encore F=Methanol
G=NaOH
O=Other _____

Rev. 3/2006

Chain of Custody

Page 1 of 5

Company: ESC
Project Contact: FRANK PERUGINI
Telephone: 414 427 5033
Project Name: REFUSE HIDEAWAY 0508
Project Number: -
Project Location: RHL, Middleton, WI
Sampled By: JEREMY McINTYRE SCOTT FREIMARK (ESC) TRACY IDAVER

Regulatory Program:
UST RCRA SDWA NPDES
Solid Waste Other _____

CTLaboratories
1230 Lange Court, Baraboo, WI 53913
608-356-2760 Fax 608-356-2766
www.ctlaboratories.com

Turnaround Time
Normal RUSH*
Date Needed _____
*Notify Lab prior to sending in RUSH samples. Surcharges:
24 hr 200% 2-3 days 100% 4-9 days 50%, subject to change without notice.

Folder #: 66487
Company: ENVIRONMENTAL SA
Project: REFUSE HIDEAWAY
Logged By: JLS PM: PM

Mail Report To: Frank Perugini
Company: ESC
Address: W24 S7808 North Cape Rd
City/State/Zip: Mukwonago, WI 53150
Invoice To:
Company: Same as Above
Address:
City/State/Zip:
PO No.

Client Special Instructions:

Landfill License Number:

Collection Date	Collection Time	Grab/ Comp	Sample ID Description	Filt? Y/N	WDNR Well ID #	**Matrix:	VOC (V-HCl)							Total # of Containers	Preservation*	Lab ID #
				Fill in Spaces with Bottles per Test												
5/8	1225	G	P-8D			GW	3							3	B	563636
5/8	1250		P-8S				3							3	B	563637
5/8	1600		P-9D				3							3	B	563638
5/8	1555		P-9S				3							3	B	563639
5/8	1515		P-16D				3							3	B	563640
5/8	1510		P-16S				3							3	B	563641
5/8	1740		P-20SR				3							3	B	563642
5/8	1450		P-21D				3							3	B	563643
5/8	1440		P-21S				3							3	B	563644
5/8	1620	▽	P-23S			▽	3							3	B	563645
5/8	1335	G	P-24D			GW	3							3	B	563646
5/8	1350	G	P-24E			GW	3							3	B	563647

* Preservation Code
A=None B=HCL
C=H2SO4 D=HNO3
E=Encore F=Methanol
G=NaOH
O=Other _____

Relinquished By:	Date/Time	Relinquished By:	Date/Time
	5/9/08 1700		
Received By:	Date/Time	Received for Laboratory By:	Date/Time
			5/12/08 0910

Ice Present (Yes) / No
Temperature 1.1
Cooler # 3125, 3848
5/12/08 0745

**Matrix
S-Soil A-Air SI-Sludge M-Misc Waste
GW-Groundwater SW-Surface Water
WW-Wastewater DW-Drinking Water

Rev. 3/2006

Chain of Custody

Page 2 of 5

Company: ESC
Project Contact: FRANK PERUCHI
Telephone: 414 427 5033
Project Name: REFUSE HIDEAWAY 0508
Project Number: -
Project Location: RHL, Middleton, WI
Sampled By: ESC

Regulatory Program:
UST RCRA SDWA NPDES
Solid Waste Other _____

CTLaboratories
1230 Lange Court, Baraboo, WI 53913
608-356-2760 Fax 608-356-2766
www.ctlaboratories.com

Turnaround Time
Normal RUSH*
Date Needed _____
*Notify Lab prior to sending in RUSH samples. Surcharges: 24 hr 200% 2-3 days 100% 4-9 days 50%, subject to change without notice.

Lab Use Only
Place Header Sticker Here:
16487

Mail Report To: Frank Perucchi
Company: ESC
Address: W124 S9808 North Cape Rd
City/State/Zip: Muskego, WI 53150
Invoice To
Company:
Address: Same as above
City/State/Zip:
PO No.

Client Special Instructions:

Landfill License Number:

Filt? Y/N

Collection Date	Time	Grab/ Comp	Sample ID Description	WDNR Well ID #	**Matrix:	Vox (V-HCl)								Total # of Containers	Preservation*	Lab ID #
				Fill in Spaces with Bottles per Test												
5/8	1245	G	P-43D		GW	3								3	B	563656
5/7	1220		P-43I			3								3	B	563657
5/7	1200		P-43S			3								3	B	563658
5/7	1605		P-30D			3								3	B	563659
5/7	1630		P-30I			3								3	B	563660
5/7	1355		P-31D			3								3	B	563661
5/7	1410		P-31IA			3								3	B	563662
5/7	1400		P-31IB			3								3	B	563663
5/7	1430		P-31S			3								3	B	563664
5/8	1240		P-32D			3								3	B	563665
5/8	0915		P-32S			3								3	B	563666
5/7	1235		P-40D			3								3	B	563667
5/7	1210	G	P-40I		GW	3								3	B	563668

Relinquished By:	Date/Time	Relinquished By:	Date/Time
	5/9/08 1700		
Received by:	Date/Time	Received for Laboratory by:	Date/Time
			5/12/08 0810

Ice Present Yes No
Temperature 1.1
Cooler # 3198,3848
5/12/08 0745

**Preservation Code
A=None B=HCL
C=H2SO4 D=HNO3
E=Encore F=Methanol
G=NaOH
O=Other _____

**Matrix
S-Soil A-Air Sl-Sludge M-Misc Waste
GW-Groundwater SW-Surface Water
WW-Wastewater DW-Drinking Water

Rev. 3/2006

Chain of Custody

Page 3 of 5

Company: ESC
Project Contact: FRANK PERUNNI
Telephone: 414 427 5033
Project Name: REFUSE HIDEAWAY 0508
Project Number: -
Project Location: RHL, Middleton, WI
Sampled By: ESC

Regulatory Program:
UST RCRA SDWA NPDES
Solid Waste Other _____

Client Special Instructions:

Landfill License Number:

CTLaboratories
1230 Lange Court, Baraboo, WI 53913
608-356-2760 Fax 608-356-2766
www.ctlaboratories.com

Turnaround Time
Normal RUSH*
Date Needed _____
*Notify Lab prior to sending in RUSH samples. Surcharges:
24 hr 200% 2-3 days 100% 4-9 days 50%, subject to change without notice.

Lab Use Only
Place Header Sticker Here:

66487

Mail Report To: Frank Perunni
Company: ESC
Address: W24 S7808 North Cape Rd
City/State/Zip: Muskego, WI 53150
Invoice To:
Company:
Address: Same as above
City/State/Zip:
PO No.

Collection Date	Collection Time	Grab/ Comp	Sample ID Description	WDNR Well ID #	**Matrix:	Filt? Y/N (Y-HCl)								Total # of Containers	Preservation*	Lab ID #
				Fill in Spaces with Bottles per Test												
5/7	1700	G	P-22D		GW	3								3	B	563669
5/8	1030	G	P-22E			3								3	B	563670
5/8	1000	G	P-22S			3								3	B	563671
5/8	1345	G	P-27D			3								3	B	563672
5/8	1355	G	P-27S			3								3	B	563673
5/8	1710	G	P-29S			3								3	B	563674
5/8	1610	G	P-35D			3								3	B	563675
5/8	1620	G	P-35S			3								3	B	563676
5/8	1505	G	P-34D			3								3	B	563677
5/8	1425	G	P-34S		GW	3								3	B	563678

* Preservation Code
A=None B=HCL
C=H2SO4 D=HNO3
E=Encore F=Methanol
G=NaOH
O=Other _____

Relinquished By:	Date/Time	Relinquished By:	Date/Time
[signature]	5/9/08 1700		
Received by:	Date/Time	Received for Laboratory by:	Date/Time
		[signature]	5/12/08 0910

Ice Present (Yes) No
Temperature 1.1
Cooler # 3198 3848
5/12/08 0745 jls

**Matrix
S-Soil A-Air Sl-Sludge M-Misc Waste
GW-Groundwater SW-Surface Water
WW-Wastewater DW-Drinking Water

Rev. 3/2006

Chain of Custody

Company: ESC
Project Contact: FRANK PERUGINI
Telephone: 414 421 5033
Project Name: REFUSE HIDEAWAY OSCO
Project Number: -
Project Location: RHL, Middleton, WI
Sampled By: ESC

Regulatory Program:
UST RCRA SDWA NPDES
(Solid Waste) Other _____

CTLaboratories
1230 Lange Court, Baraboo, WI 53913
608-356-2760 Fax 608-356-2766
www.ctlaboratories.com

Turnaround Time
(Normal) RUSH*
Date Needed _____

*Notify Lab prior to sending in RUSH samples. Surcharges:
24 hr 200% 2-3 days 100% 4-9 days 50%,
subject to change without notice.

Lab Use Only
Place Header Sticker Here:
66487

Mail Report To: Frank Perugini
Company: ESC
Address: W 124 S9808 North Cape Rd
City/State/Zip: Muskego, WI 53150

Invoice To:
Company:
Address: Same as Above
City/State/Zip:

PO No.

Client Special Instructions:

Landfill License Number:

Collection Date	Collection Time	Grab/ Comp	Sample ID Description	WDNR Well ID #	**Matrix:	Filt? Y/N VOC (V-HCl)								Total # of Containers	Preservation*	Lab ID #
				Fill in Spaces with Bottles per Test												
5/8	1040	G	PW-SATHER		DW	3								3	B	563648
5/8	0935	G	PW-BONK		DW	3								3	B	563649
5/8	0940	G	PW-BULA		DW	3								3	B	563650
5/8	1015	G	PW-WHEAT/KRUEGER		DW	3								3	B	563651
5/8	1020	G	PW-TANTROW/THOMPSON		DW	3								3	B	563652
5/8	1415	G	PW-SUMMERS		DW	3								3	B	563653
5/8	1110	G	PW-NOLES		DW	3								3	B	563654
5/9	1105	G	PW-Stapplemouth		DW	3								3	B	563655

* Preservation Code
A=None B=HCL
C=H2SO4 D=HNO3
E=Encore F=Methanol
G=NaOH
O=Other _____

Relinquished By:	Date/Time	Relinquished By:	Date/Time
[signature]	5/9/08 1700		
Received by:	Date/Time	Received for Laboratory by:	Date/Time
		[signature]	5/12/08 0910

Ice Present (Yes) No
Temperature 3.1 2.8, 3.8 4.8
Cooler # 1 of 1
5/12/08 0745 [signature]

**Matrix
S-Soil A-Air Sl-Sludge M-Misc Waste
GW-Groundwater SW-Surface Water
WW-Wastewater DW-Drinking Water

Chain of Custody

Company: ESC
Project Contact: Frank Perugini
Telephone: 414-427-5033
Project Name: Refuse Hideaway
Project Number: 0508
Project Location: Middletown WI
Sampled By: ESC

CTLaboratories
1230 Lange Court, Baraboo, WI 53913
608-356-2760 Fax 608-356-2766
www.ctlaboratories.com

Mail Report To: Frank Perugini
Company: ESC
Address: W124 S9808 North Cape Rd
City/State/Zip: Muskego WI 53150

Invoice To:
Company: Same as above
Address:
City/State/Zip:

PO No.

Turnaround Time
Normal (circled) RUSH*
Date Needed ________

*Notify Lab prior to sending in RUSH samples. Surcharges:
24 hr 200% 2-3 days 100% 4-9 days 50%, subject to change without notice.

Lab Use Only
Place Header Sticker Here:
66487

Regulatory Program:
UST RCRA SDWA NPDES
Solid Waste (circled) Other ________

Client Special Instructions:

Landfill License Number:

Filt? Y/N: N

Collection Date	Collection Time	Grab/Comp	Sample ID Description	WDNR Well ID #	**Matrix:	40ml Vial – VOC							Total # of Containers	Preservation*	Lab ID #
5/9/08	1245	G	P-17S		GW	3							3	B	563679
↓	1230	↓	P-23D		↓	3							3	B	563680
	0900		P-26S			3							3	B	563681
	0915		P-26D			3							3	B	563682
	1115		P-28S			3							3	B	563683
	1100		P-33D			3							3	B	563684
	1000		P-33S			3							3	B	563685
	1140		P-4D			3							3	B	563686
	1400		P-8BR			3							3	B	563687
	1115		Dup-01		GW	3							3	B	563688
5/7/08	1130	G	FB-01		W	3							3	B	563689
5/7/08			TB-01		DW/TB	1-524	jb						1		563710
			TB-02		GW/TB	1-8260	jb						1		563711

Fill in Spaces with Bottles per Test

*Preservation Code
A=None B=HCL
C=H2SO4 D=HNO3
E=Encore F=Methanol
G=NaOH
O=Other ________

Relinquished By:	Date/Time	Relinquished By:	Date/Time
[signature]	5/9/08 1700		
Received by:	**Date/Time**	**Received for Laboratory by:**	**Date/Time**
		jb	5/12/08 0910

Ice Present: Yes (circled) No
Temperature: 1.1
Cooler #: 3198, 3848
5/12/08 0745 jb

**Matrix
S–Soil A–Air Sl–Sludge M–Misc Waste
GW–Groundwater SW–Surface Water
WW–Wastewater DW–Drinking Water

ENVIRONMENTAL SAMPLING CORPORATION GROUNDWATER MONITORING FIELD FORM

MONTH: MAY 2008

Purging Phase

Well ID	Date (2008)	Time (24hrs.)	Top of Well Elevation (ft.MSL)	Depth to Water (ft.)	Groundwater Elevation (ft.MSL)	Total Depth (ft.)	Height of Water Col. (ft.)	Req. Gal. to Purge (4 vol.)	Amount Purged (gal.)
P-22D	5/7	1600	1088.94	169.10	919.84	217.2	48.1	PACKER 5.5	5.5
P-22E	5/7	1600	1089.72	170.00	919.72	273.0	103.0	67.3	16.8 *
P-22S	5/7	1600	1088.20	168.10	920.10	184.7	16.6	10.8	11.0
P-26D	5/7	1530	1149.63	217.10	932.53	262.1	45.0	29.4	30.0
P-26S	5/7	1530	1150.95	216.05	934.90	237.6	21.6	14.1	15.0
P-27D	5/7	1300	1095.56	171.35	924.21	204.3	33.0	PACKER 8.0	8.0
P-27S	5/7	1300	1095.23	170.50	924.73	188.8	18.3	11.9	12.0
P-28S	5/7	0930	1124.33	193.10	931.23	207.4	14.3	9.3	9.5
P-29S	5/7	1515	1163.10	231.80	931.30	257.2	25.4	16.6	17.0
P-34D	5/8	1430	1090.98	159.49	931.49	276.1	116.6	PACKER 9.0	9.0
P-34S	5/8	1320	1091.10	157.38	933.72	186.0	28.6	14.0	15.0
P-35D	5/7	1400	1087.70	159.90	927.80	252.6	92.7	PACKER 8.0	8.0
P-35S	5/7	1400	1087.90	159.50	928.40	184.0	24.5	16.0	16.0

Sampling Phase

Date (2008)	Time (24hrs.)	pH (s.u.)	Spec. Cond. (25C)	Temp. (deg.C)	Color before Filter	Color after Filter	Odor	Turb before Filter	Turb after Filter	Number of Filters Used
5/7	1700	7.33	568	12.1	clear	--	none	none	--	--
5/8	1030	7.51	606	13.8	clear	--	none	none	--	--
5/8	1000	7.41	630	11.9	clear	--	none	none	--	--
5/9	0900	7.09	640	10.5	clear	--	none	none	--	--
5/9	0915	7.30	947	10.4	clear	--	none	none	--	--
5/8	1345	7.35	954	12.7	clear	--	none	none	--	--
5/8	1355	7.21	909	12.3	clear	--	none	none	--	--
5/9	1115	7.27	673	10.7	clear	--	none	none	--	--
5/8	1710	7.50	646	11.0	clear	--	none	none	--	--
5/8	1505	7.46	531	12.1	clear	--	none	none	--	--
5/8	1425	7.25	528	12.0	clear	--	none	none	--	--
5/8	1610	7.84	607	10.3	clear	--	none	none	--	--
5/8	1620	7.88	533	10.9	clear	--	none	none	--	--

Casing I.D. (inches) : Gallons per foot to get one well volume.
1.5" well : 0.092 gal. 2" well : 0.163 gal. 3" well : 0.377 gal. 4" well : 0.653 gal.

NOTES:
Monitoring wells are located on the Sommers Farm property.

* - Low flow sampling equipment. Sample collected after field readings had stabilized.

WEATHER **Wind Speed:** 0-5 mph **Direction:** NE **Temp.:** 50
Date: 5/8/2008 **Overview:** clear, sunny
Date Equipment Used: 5/8/2008
pH Meter: Oakton **pH 7.0:** 7.00 **pH 4.0:** 4.01 **Slope:** NA
Spec. Cond. Meter: Oakton **Standard:** 1413 **Reading:** 1408
Temperature: 13.7

Facility Name: WDNR Refuse Hideaway Landfill
Facility Address: Highway 14, Middleton, WI
ESC Personnel: JM, SF, TI

ENVIRONMENTAL SAMPLING CORPORATION
414-427-5033

Client: WDNR **Page:** 1 **of** 6
Project: RHL - 05/08 Event
Prepared by: JM **Date:** 5/13/2008
Checked by: TI **Date:** 5/23/2008

CP263/ESC/Forms/Field Form.xls

ENVIRONMENTAL SAMPLING CORPORATION GROUNDWATER MONITORING FIELD FORM
MONTH: MAY 2008

Purging Phase

Well ID	Date (2008)	Time (24hrs.)	Top of Well Elevation (ft.MSL)	Depth to Water (ft.)	Groundwater Elevation (ft.MSL)	Total Depth (ft.)	Height of Water Col. (ft.)	Req. Gal. to Purge (4 vol.)	Amount Purged (gal.)
P-43D	5/7	1225	1109.92	186.35	923.57	283.6	97.3	63.5	16.0*
P-43I	5/7	1115	1110.24	186.75	923.49	233.3	46.6	30.4	8.0*
P-43S	5/7	1115	1110.60	187.00	923.60	205.7	18.7	12.2	3.5*
P-30D	5/7	1510	932.97	15.78	917.19	289.5	273.7	PACKER 15.0	15.0
P-30I	5/7	1610	930.94	13.71	917.23	142.3	128.6	PACKER 9.0	9.0
P-31D	5/7	1330	915.72	NA	NA	258.2	NA	PACKER 8.0	NA
P-31IA	5/7	1350	916.77	NA	NA	95.6	NA	PACKER 8.0	8.0
P-31IB	5/7	1350	916.49	NA	NA	135.7	NA	PACKER 8.0	NA
P-31S	5/7	1410	916.59	4.50	912.09	28.8	24.3	15.9	16.0
P-32D	5/8	0850	942.66	17.85	924.81	176.2	158.4	77.4	78.0
P-32S	5/8	0855	943.73	17.98	925.75	39.5	21.5	14.1	14.5
P-40D	5/7	1210	922.98	5.53	917.45	255.200	249.7	PACKER 9.0	9.0
P-40I	5/7	1150	922.28	4.58	917.70	104.8	100.2	PACKER 9.0	9.0

Sampling Phase

Date (2008)	Time (24hrs.)	pH (s.u.)	Spec. Cond. (25C)	Temp. (deg.C)	Color before Filter	Color after Filter	Odor	Turb before Filter	Turb after Filter	Number of Filters Used
5/8	1245	7.69	588	15.4	brown	--	none	moderate	--	--
5/7	1220	7.17	606	11.7	cloudy	--	none	low	--	--
5/7	1200	7.10	576	13.5	cloudy	--	none	low	--	--
5/7	1605	7.38	576	11.4	clear	--	none	none	--	--
5/7	1630	7.38	663	10.4	clear	--	none	none	--	--
5/7	1355	7.51	574	12.0	clear	--	none	none	--	--
5/7	1410	7.12	790	11.2	clear	--	none	none	--	--
5/7	1400	7.05	788	15.4	clear	--	none	none	--	--
5/7	1430	7.23	616	9.8	clear	--	none	none	--	--
5/8	1240	7.35	679	11.4	clear	--	none	none	--	--
5/8	0915	6.82	868	10.6	cloudy	--	none	low	--	--
5/7	1235	7.30	614	11.5	clear	--	none	none	--	--
5/7	1210	6.69	726	11.7	clear	--	none	none	--	--

Casing I.D. (inches) : Gallons per foot to get one well volume.
1.5" well : 0.092 gal. 2" well : 0.163 gal. 3" well : 0.377 gal. 4" well : 0.653 gal.

NOTES:
The P-43 well nest is located on the Sommer's Farm property. The remaining wells are located along Highway 14.
P-31B, P-31D are flowing
* - Low flow sampling equipment. Sample collected after field readings had stabilized.

WEATHER **Wind Speed:** 10-20 mph **Direction:** W **Temp.:** 65
Date: 5/7/2008 **Overview:** mostly cloudy
Date Equipment Used: 5/7/2008
pH Meter: Oakton **pH 7.0:** 7.00 **pH 4.0:** 4.01 **Slope:** NA
Spec. Cond. Meter: Oakton **Standard:** 1413 **Reading:** 1410
Temperature: 15.9

Facility Name: WDNR Refuse Hideaway Landfill
Facility Address: Highway 14, Middleton, WI
ESC Personnel: JM, SF, TI

ENVIRONMENTAL SAMPLING CORPORATION
414-427-5033

Client: WDNR **Page:** 2 **of** 6
Project: RHL 05/08
Prepared by: JM **Date:** 5/13/2008
Checked by: TI **Date:** 5/23/2008

ENVIRONMENTAL SAMPLING CORPORATION GROUNDWATER MONITORING FIELD FORM
MONTH: MAY 2008

Purging Phase										Sampling Phase										
Well ID	Date (2008)	Time (24hrs.)	Top of Well Elevation (ft.MSL)	Depth to Water (ft.)	Groundwater Elevation (ft.MSL)	Total Depth (ft.)	Height of Water Col. (ft.)	Req. Gal. to Purge (4 vol.)	Amount Purged (gal.)	Date (2008)	Time (24hrs.)	pH (s.u.)	Spec. Cond. (25C)	Temp. (deg.C)	Color before Filter	Color after Filter	Odor	Turb before Filter	Turb after Filter	Number of Filters Used
P-41D	5/9	1115	924.82	10.80	914.02	104.5	93.7	PACKER 9.0	9.0	5/9	1140	7.57	691	10.9	clear	--	none	none	--	--
P-30S	5/9	--	932.61	14.77	917.84	104.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--
P-36D	5/9	--	924.34	0.08	924.26	104.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--
P-36S	5/9	--	924.49	0.60	923.89	104.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--
P-38S	5/9	--	923.21	6.03	917.18	104.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--
P-39S	5/12	--	946.08	28.85	917.23	104.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--
P-40S	5/9	--	922.01	5.99	916.02	104.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--
P-41S	5/9	--	925.58	5.20	920.38	104.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--
P-42S	5/12	--	917.62	6.55	911.07	104.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--
P-17S	5/9	1200	1081.75	150.10	931.65	158.8	8.70	5.7	5.7	5/9	1245	7.27	612	11.2	clear	--	none	none	--	--
P-18S	5/12	1100	1020.57	92.05	928.52	107.2	15.15	9.9	10.0	5/12	1145	7.42	692	12.4	clear	--	none	none	--	--
DUP-02	5/12	--	--	--	--	--	--	--	--	5/12	1145	7.41	690	12.3	clear	--	none	none	--	--
DUP-01	5/13	--	--	--	--	--	--	--	--	5/9	1115	7.27	673	10.7	clear	--	none	none		

Casing I.D. (Inches) : Gallons per foot to get one well volume.
1.5" well : 0.092 gal. 2" well : 0.163 gal. 3" well : 0.377 gal. 4" well : 0.653 gal.

NOTES:
P-17S and P-18S are located on the rock ledges around the site. The remaining wells are located along Highway 14.

WEATHER **Wind Speed:** 0-10 mph **Direction:** W **Temp.:** 56
Date: 5/12/2008 **Overview:** clear
Date Equipment Used: 5/12/2008
pH Meter: Oakton **pH 7.0:** 7.00 **pH 4.0:** 4.01 **Slope:** Na
Spec. Cond. Meter: Oakton **Standard:** 1413 **Reading:** 1412
Temperature: 21.7

Facility Name: WDNR Refuse Hideaway Landfill
Facility Address: Highway 14, Middleton, WI
ESC Personnel: JM, SF, TI

ENVIRONMENTAL SAMPLING CORPORATION
414-427-5033

Client: WDNR **Page:** 3 **of** 6
Project: RHL 05/08 Event
Prepared by: JM **Date:** 5/13/2008
Checked by: TI **Date:** 5/23/2008

ENVIRONMENTAL SAMPLING CORPORATION GROUNDWATER MONITORING FIELD FORM
MONTH: MAY 2008

Purging Phase										Sampling Phase										
Well ID	Date (2008)	Time (24hrs.)	Top of Well Elevation (ft.MSL)	Depth to Water (ft.)	Groundwater Elevation (ft.MSL)	Total Depth (ft.)	Height of Water Col. (ft.)	Req. Gal. to Purge (4 vol.)	Amount Purged (gal.)	Date (2008)	Time (24hrs.)	pH (s.u.)	Spec. Cond. (25C)	Temp. (deg.C)	Color before Filter	Color after Filter	Odor	Turb before Filter	Turb after Filter	Number of Filters Used
P-8D	5/8	1120	930.98	3.96	927.02	42.2	38.2	25.0	Dry @ 8.0	5/8	1225	6.79	841	13.2	clear	--	none	none	--	--
P-8S	5/8	1230	932.50	5.90	926.60	20.5	14.6	9.5	Dry @ 2.5	5/8	1250	6.39	938	9.9	cloudy	--	none	none	--	--
P-9D	5/8	1540	930.43	3.11	927.32	43	39.9	26.0	Dry @ 8.0	5/8	1600	6.53	1,196	11.4	clear	--	none	none	--	--
P-9S	5/8	1540	932.09	5.00	927.09	16	11.0	7.2	8.0	5/8	1555	7.35	667	10.2	clear	--	none	low	--	--
P-16D	5/8	1455	936.30	10.47	925.83	42.9	32.4	21.2	Dry @ 7.0	5/8	1515	6.43	1,278	12.2	clear	--	slight	low	--	--
P-16S	5/8	1455	935.96	8.70	927.26	17.2	8.5	5.6	Dry @ 2.0	5/8	1510	6.61	804	10.2	tan	--	none	moderate	--	--
P-20SR	5/8	1655	961.78	33.12	928.66	66.3	33.2	21.7	22.0	5/8	1740	7.88	593	11.3	clear	--	none	none	--	--
P-21BR	5/9	1210	935.19	8.90	926.29	148.3	139.4	68.2	69.0	5/12	1330	6.79	611	12.2	clear	--	none	none	--	--
P-21D	5/8	1420	935.81	9.36	926.45	41.6	32.2	21.1	21.0	5/8	1450	6.64	955	11.9	clear	--	none	none	--	--
P-21S	5/8	1420	936.43	7.27	929.16	19.7	12.4	8.1	Dry @ 2.5	5/8	1440	7.40	473	10.9	clear	--	none	low	--	--
P-23D	5/9	1145	961.53	33.44	928.09	80.1	46.7	30.5	31.0	5/9	1230	7.42	566	11.2	clear	--	none	none	--	--
P-23S	5/7	1705	961.71	33.75	927.96	48.100	14.4	9.4	Dry @ 2.5	5/8	1620	7.31	617	12.3	clear	--	none	none	--	--
P-24D	5/8	1315	927.25	0.80	926.45	25.2	24.4	15.9	16.0	5/8	1335	7.11	746	11.3	clear	--	none	none	--	--

Casing I.D. (inches) : Gallons per foot to get one well volume.
1.5" well : 0.092 gal. 2" well : 0.163 gal. 3" well : 0.377 gal. 4" well : 0.653 gal.

NOTES:
Monitoring wells are located around the facility and along the adjacent farm fields.
P-21D, P-21S, P-9S, P-16D organic matter in purge water. P-9S, P-16D - ants inside well.
P-8D, P-8S - wasps in well casing.

WEATHER	**Wind Speed:**	0-5 mph	**Direction:**	NE	**Temp.:**	50	
Date:	5/8/2008	**Overview:**	clear, sunny				
Date Equipment Used:	5/8/2008						
pH Meter:	Oakton	**pH 7.0:**	7.00	**pH 4.0:**	4.01	**Slope:**	NA
Spec. Cond. Meter:	Oakton	**Standard:**	1413	**Reading:**	1408		
Temperature:	13.7						

Facility Name:	WDNR Refuse Hideaway Landfill	**ENVIRONMENTAL SAMPLING CORPORATION 414-427-5033**	**Client:**	WDNR	**Page:**	4	**of** 6
Facility Address:	Highway 14, Middleton, WI		**Project:**	RHL 05/08 Event			
ESC Personnel:	JM, SF, TI		**Prepared by:**	JM	**Date:**	5/13/2008	
			Checked by:	TI	**Date:**	5/23/2008	

ENVIRONMENTAL SAMPLING CORPORATION GROUNDWATER MONITORING FIELD FORM
MONTH: MAY 2008

Purging Phase										Sampling Phase										
Well ID	Date (2008)	Time (24hrs.)	Top of Well Elevation (ft.MSL)	Depth to Water (ft.)	Groundwater Elevation (ft.MSL)	Total Depth (ft.)	Height of Water Col. (ft.)	Req. Gal. to Purge (4 vol.)	Amount Purged (gal.)	Date (2008)	Time (24hrs.)	pH (s.u.)	Spec. Cond. (25C)	Temp. (deg.C)	Color before Filter	Color after Filter	Odor	Turb before Filter	Turb after Filter	Number of Filters Used
P-24E	5/8	1305	927.39	0.00	927.39	52.5	52.5	34.3	Dry @ 20.0	5/8	1350	7.36	368	11.9	tan	--	none	high	--	--
P-25BR	5/12	1120	943.27	20.18	923.09	140.3	120.1	78.4	79.0	5/12	1350	7.27	603	11.8	clear	--	none	none	--	--
P-25D	5/12	1120	943.86	21.17	922.69	96.3	75.1	49.1	50.0	5/12	1355	6.95	749	12.1	clear	--	none	none	--	--
P-25S	5/12	1140	943.14	17.76	925.38	29.4	11.6	7.6	8.0	5/12	1210	6.94	687	12.0	cloudy	--	none	moderate	--	--
P-33D	5/9	0925	928.50	0.40	928.10	103.4	103.0	67.3	51.0 *	5/9	1100	7.11	738	10.7	clear	--	slight	none	--	--
P-1D	5/9	--	926.67	0.00	926.67	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
P-1S	5/9	--	924.39	2.02	922.37	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
P-3S	5/12	--	932.79	5.87	926.92	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
P-4S	5/9	--	929.89	2.41	927.48	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
P-8BR	5/9	1255	929.52	1.83	927.69	111.5	109.7	53.6	54.0	5/9	1400	7.36	644	10.6	cloudy	--	none	low	--	--
P-33S	5/9	0940	928.55	4.00	924.55	27.6	23.6	15.4	15.5	5/9	1000	7.23	741	10.4	cloudy	--	none	low	--	--

Casing I.D. (inches) : Gallons per foot to get one well volume.
1.5" well : 0.092 gal. 2" well : 0.163 gal. 3" well : 0.377 gal. 4" well : 0.653 gal.

NOTES:
Monitoring wells are located around the facility and along the adjacent farm fields.
P-1D and P-24E were flowing

* - Three well volumes removed

WEATHER **Wind Speed:** 0-10 mph **Direction:** W **Temp.:** 56
Date: 5/12/2008 **Overview:** clear
Date Equipment Used: 5/12/2008
pH Meter: Oakton **pH 7.0:** 7.00 **pH 4.0:** 4.01 **Slope:** Na
Spec. Cond. Meter: Oakton **Standard:** 1413 **Reading:** 1412
Temperature: 21.7

Facility Name: WDNR Refuse Hideaway Landfill
Facility Address: Highway 14, Middleton, WI
ESC Personnel: JM, SF, TI

ENVIRONMENTAL SAMPLING CORPORATION
414-427-5033

Client: WDNR **Page:** 5 **of** 6
Project: RHL 05/08 Event
Prepared by: JM **Date:** 5/13/2008
Checked by: TI **Date:** 5/23/2008

ENVIRONMENTAL SAMPLING CORPORATION GROUNDWATER MONITORING FIELD FORM
MONTH: MAY 2008

Purging Phase

Well ID	Date (2008)	Time (24hrs.)	Top of Well Elevation (ft.MSL)	Depth to Water (ft.)	Groundwater Elevation (ft.MSL)	Total Depth (ft.)	Height of Water Col. (ft.)	Req. Gal. to Purge (4 vol.)	Amount Purged (min.)
PW-Sather	5/8	1030	--	--	--	--	--	--	15
PW-Bonk	5/8	0920	--	--	--	--	--	--	15
PW-Bula	5/8	0925	--	--	--	--	--	--	15
PW-Wheat/ Krueger	5/8	1000	--	--	--	--	--	--	15
PW-Tantrow/ Thompson	5/8	1005	--	--	--	--	--	--	15
PW-Summers	5/8	1400	--	--	--	--	--	--	15
PW-Noles	5/8	1055	--	--	--	--	--	--	15
PW-Stoppleworth	5/9	1050	--	--	--	--	--	--	15

Sampling Phase

Date (2008)	Time (24hrs.)	pH (s.u.)	Spec. Cond. (25C)	Temp. (deg.C)	Color before Filter	Color after Filter	Odor	Turb before Filter	Turb after Filter	Number of Filters Used
5/8	1040	7.65	652	12.2	clear	--	none	none	--	--
5/8	0935	6.48	665	11.2	clear	--	none	none	--	--
5/8	0940	6.89	650	11.3	clear	--	none	none	--	--
5/8	1015	7.13	1,430	11.8	clear	--	none	none	--	--
5/8	1020	7.70	1,476	11.7	clear	--	none	none	--	--
5/8	1415	7.53	634	17.0	clear	--	none	none	--	--
5/8	1110	7.47	765	13.1	clear	--	none	none	--	--
5/9	1105	7.55	620	11.8	clear	--	none	none	--	--

Casing I.D. (inches) : Gallons per foot to get one well volume.
1.5" well : 0.092 gal. 2" well : 0.163 gal. 3" well : 0.377 gal. 4" well : 0.653 gal.

NOTES:

WEATHER Wind Speed: 0-5 mph Direction: NE Temp.: 50
Date: 5/8/2008 Overview: clear, sunny
Date Equipment Used: 5/8/2008
pH Meter: Oakton pH 7.0: 7.00 pH 4.0: 4.01 Slope: NA
Spec. Cond. Meter: Oakton Standard: 1413 Reading: 1408
Temperature: 13.7

Facility Name: WDNR Refuse Hideaway Landfill
Facility Address: Highway 14, Middleton, WI
ESC Personnel: JM, SF, TI

ENVIRONMENTAL SAMPLING CORPORATION
414-427-5033

Client: WDNR Page: 6 of 6
Project: RHL - 05/08 Event
Prepared by: JM Date: 5/13/2008
Checked by: TI Date: 5/23/2008

ENVIRONMENTAL SAMPLING CORPORATION GROUNDWATER MONITORING FIELD FORM
MONTH: MAY 2008

Purging Phase

Well ID	Date (2008)	Time (24hrs.)	Top of Well Elevation (ft.MSL)	Depth to Water (ft.)	Groundwater Elevation (ft.MSL)	Total Depth (ft.)	Height of Water Col. (ft.)	Req. Gal. to Purge (4 vol.)	Amount Purged (min.)
PW-Sather	5/8	1030	--	--	--	--	--	--	15
PW-Bonk	5/8	0920	--	--	--	--	--	--	15
PW-Bula	5/8	0925	--	--	--	--	--	--	15
PW-Wheat/ Krueger	5/8	1000	--	--	--	--	--	--	15
PW-Tantrow/ Thompson	5/8	1005	--	--	--	--	--	--	15
PW-Summers	5/8	1400	--	--	--	--	--	--	15
PW-Noles	5/8	1055	--	--	--	--	--	--	15
PW-Stoppleworth	5/9	1050	--	--	--	--	--	--	15

Sampling Phase

Date (2008)	Time (24hrs.)	pH (s.u.)	Spec. Cond. (25C)	Temp. (deg.C)	Color before Filter	Color after Filter	Odor	Turb before Filter	Turb after Filter	Number of Filters Used
5/8	1040	7.65	652	12.2	clear	--	none	none	--	--
5/8	0935	6.48	665	11.2	clear	--	none	none	--	--
5/8	0940	6.89	650	11.3	clear	--	none	none	--	--
5/8	1015	7.13	1,430	11.8	clear	--	none	none	--	--
5/8	1020	7.70	1,476	11.7	clear	--	none	none	--	--
5/8	1415	7.53	634	17.0	clear	--	none	none	--	--
5/8	1110	7.47	765	13.1	clear	--	none	none	--	--
5/9	1105	7.55	620	11.8	clear	--	none	none	--	--

Casing I.D. (inches) : Gallons per foot to get one well volume.
1.5" well : 0.092 gal. 2" well : 0.163 gal. 3" well : 0.377 gal. 4" well : 0.653 gal.

NOTES:

WEATHER	Wind Speed:	0-5 mph	Direction: NE					Temp.:	50
Date:	5/8/2008	Overview:	clear, sunny						
Date Equipment Used:	5/8/2008								
pH Meter:	Oakton	pH 7.0:	7.00	pH 4.0:	4.01	Slope:	NA		
Spec. Cond. Meter:	Oakton	Standard:	1413	Reading:	1408				
Temperature:	13.7								

Facility Name:	WDNR Refuse Hideaway Landfill	ENVIRONMENTAL SAMPLING CORPORATION 414-427-5033	Client:	WDNR	Page:	6	of 6
Facility Address:	Highway 14, Middleton, WI		Project:	RHL - 05/08 Event			
ESC Personnel:	JM, SF, TI		Prepared by:	JM	Date:	5/13/2008	
			Checked by:	TI	Date:	5/23/2008	

Environmental Sampling Corp. (ESC)
Field Status Report – July 2008

COPY

WDNR / Refuse Hideaway Landfill
Middleton, Wisconsin

Task	Sampling Period / Date	Sample Type / Description
I	Various Dates	Reporting

Project Status

I. *Reporting*: ESC staff drafted the May 2008 Groundwater and Private Well Monitoring Report and sent the finalized copy to the WDNR on July 9, 2008.

Task Deviations and Reporting Turnaround

Test results will be available in approximately 30 days.

Field Observations

- None.

Proposed Additional Actions

- None.

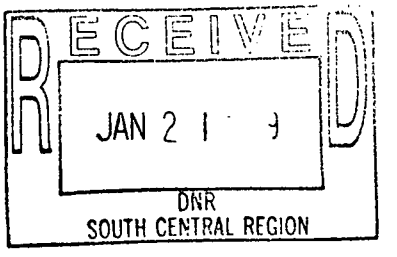
Other Observations

- None.

ENVIRONMENTAL SAMPLING CORPORATION

Dedicated to Environmental Monitoring, Science & Technology

January 20, 2009



Mr. Harlan Kuehling, P.G.
Wisconsin Department of Natural Resources
3911 Fish Hatchery Road
Fitchburg, WI 53711

Re: Refuse Hideaway Landfill – Middleton, WI (License #01953)
November 2008 Laboratory Analytical Results

Dear Mr. Kuehling:

Enclosed please find the data file, exceedance summary, and data certification page for the groundwater and private well monitoring conducted at the Refuse Hideaway Landfill (RHL) in November 2008. As requested, an electronic copy of the laboratory analytical data is included on the enclosed CD.

In accordance with the Scope of Work for Groundwater Sampling at RHL, revised March 2007, Environmental Sampling Corporation (ESC) staff was on site November 17-19, 2008 to collect samples from 23 groundwater monitoring wells and nine private wells. ESC staff also collected groundwater elevation measurements from an additional 38 groundwater monitoring wells. Groundwater monitoring well P-31D was not able to be sampled during the November 2008 monitoring event because the water inside of the well was frozen. The groundwater and drinking water samples collected were packed on ice and shipped to CT Laboratories (WI cert. #157066030) for analysis. In accordance with ESC's QA/QC procedures, trip blanks, duplicate samples, and a field blank were included with the shipments.

NR140 Exceedances

Laboratory analytical results were compared to the WDNR Ch. NR140 Preventive Action Limits (PAL) and Enforcement Standards (ES). Seventeen of the 22 groundwater monitoring wells had one or more VOC concentration detected above NR140 standards in the samples collected during the November 2008 event. Of these 17 wells, ten groundwater well samples had one or more VOC concentrations detected in excess of the ES. NR140 exceedances are listed in the attached exceedance summary table and are discussed below.

- Cis-1,2-dichloroethene was detected in excess of the PAL in the sample collected from P-17S in November 2008. This well is located in close proximity to the limits of waste. The concentration of cis-1,2-dichloroethane is similar to analytical data from the past ten years, but is greatly reduced from the concentrations reported in the samples collected from P-17S in 1992.

- The VOC 1,2-dichloropropane was detected in excess of the PAL in the sample collected from P-17S. As indicated previously, this well is located in close proximity to

the limits of waste. The concentrations of 1,2-dichloropropane in the samples collected from P-17S have been decreasing over time.

- Concentrations of tetrachloroethene in excess of the PAL were detected in samples collected from five monitoring wells in November 2008 (P-20SR, P-22D P-22S, P-25BR, and P-40I). Concentrations of tetrachloroethene in excess of the ES were detected in the samples collected from an additional nine monitoring wells (P-17S, P-18S, P-22E, P-23S, P-26S, P-27D, P-27S, P-31IA, and P-31IB). Detections of tetrachloroethene are widespread at the facility and in most cases are similar to or reduced from historic data. The tetrahydrofuran concentration in the sample collected from P-23S was slightly increased from recent historic data. Groundwater samples with the highest concentrations of tetrachloroethene (i.e. P-27D, P-26S, and P-18S) were collected from wells that are in close proximity to the closed, unlined facility.

- Trichloroethene concentrations exceeded the PAL in the samples collected from 11 groundwater monitoring wells (P-18S, P-22D, P-22E, P-22S, P-23S, P-25D, P-26S, P-27S, P-31IA, P-31IB, and P-40I) and exceeded the ES in the samples collected from P-17S and P-27D. The trichloroethene concentrations are highest in the wells located around the facility. Concentrations are similar to or reduced from recent analytical data and many have displayed decreasing trends over time.

- Concentrations of vinyl chloride were detected in excess of the NR140 ES during the November 2008 event in the samples collected from groundwater monitoring wells P-17S, P-25D, and P-26S. The vinyl chloride concentrations are related to landfill gas migration from the closed, unlined facility. Vinyl chloride concentrations in the samples collected in November 2008 are similar to or reduced from recent data and display a decreasing trend over time. Gas wells along the perimeter and interior of the landfill should be adjusted to increase the flow (vacuum) applied to the gas wells to minimize landfill gas migration.

- Concentrations of chloromethane in excess of the NR140 PAL were detected in the samples collected from P-22S, P-31IB, and P-40D. These chloromethane concentrations have not been consistently detected in samples collected from these wells over time and may be in part attributed to contaminated sample glassware or preservative.

- Two of the nine private wells sampled for VOCs (PW-Noles and PW-Stoppleworth) had VOC concentrations in excess of NR140 standards during the November 2008 event. The sample collected from PW-Noles had a concentration of trichloroethene in excess of the PAL and a concentration of tetrachloroethene in excess of the ES. The sample collected from PW-Stoppleworth contained concentrations of tetrachloroethene and chloromethane in excess of the PALs. The concentrations of tetrachloroethene in the PW-Noles sample and the trichloroethene in the samples collected from PW-Noles and PW-Stoppleworth were similar to historic data. The concentration of chloromethane in the sample collected from PW-Stoppleworth is not consistent with historic data and may be attributed to contaminated sample glassware or preservative. Additional low-level VOCs detected at these wells were below NR140 standards.

Additional Information

Several VOCs were detected in excess of NR140 standards, but were between the laboratory limit of detection (LOD) and limit of quantitation (LOQ). These concentrations between the LOD and LOQ are not considered exceedances in accordance with NR140.14 and have not been included in the attached exceedance summary. These VOCs above NR140 standards, but below the laboratory LOQ were detected at the following locations: benzene (P-17S), chloromethane (P-18S, P-20SR, P-22D, P-22E, P-23D, P-23S, P-25BR, P-25D, P-27D, P-30D, P-31IA, P-40I,P-43D, and P-43S), and tetrachloroethene (P-23D and P-25D). Concentrations of benzene and tetrachloroethene are similar to data collected over the period of record. Concentrations of chloromethane have been detected periodically at several wells (i.e. P-22D, P-23S, P-25BR, P-25D, P-27D, and P-31IA). Samples collected from the remaining wells (i.e. P-18S, P-20SR, P-22E, P-23D, P-30D, P-40I, P-43D, and P-43S) have had few or no previous detections of chloromethane. The chloromethane detected in these samples may be attributed to contaminated sample glassware or preservative.

Low-level VOCs detected at concentrations less than the NR140 PAL were not discussed above, but are included on the electronic data file submitted with this report. Laboratory analytical data for all of the groundwater and private wells sampled during the November 2008 event are also included on the enclosed CD.

The next semi-annual monitoring event is scheduled for May 2009. At this time there are no proposed changes to the monitoring program. ESC recently prepared a proposal to install identification tags and replace the locks at the facility. Pending approval of this proposal, the repairs and improvements will be conducted in conjunction with the May 2009 event.

Please contact Frank Perugini or me at 414-427-5033 if you have any questions regarding this submittal.

Sincerely,

Environmental Sampling Corporation

Tracy Ipavec
Sr. Environmental Specialist

Enclosures

cc: Mr. Frank Perugini - ESC

REFUSE HIDEAWAY LANDFILL
WDNR License #01953
Exceedance Summary - November 2008

Well ID (WDNR ID)	Date	P-Code	Parameter	PAL / ES (ug/L)	Result (ug/L)	Exceedance
P-25D (118)	11/17/08	39175	Vinyl Chloride	0.02 / 0.2	0.59	ES
	11/17/08	39180	Trichloroethene	0.5 / 5	1.1	PAL
P-25BR (119)	11/17/08	34475	Tetrachloroethene	0.5 / 5	1.8	PAL
P-27S (121)	11/18/08	34475	Tetrachloroethene	0.5 / 5	6.1	ES
	11/18/08	39180	Trichloroethene	0.5 / 5	0.86	PAL
P-27D (122)	11/18/08	34475	Tetrachloroethene	0.5 / 5	41	ES
	11/18/08	39180	Trichloroethene	0.5 / 5	7.8	ES
P-17S (128)	11/18/08	34475	Tetrachloroethene	0.5 / 5	6.5	ES
	11/18/08	34541	1,2-Dichloropropane	0.5 / 5.0	1.2	PAL
	11/18/08	39180	Trichloroethene	0.5 / 5	8.6	ES
	11/18/08	39175	Vinyl Chloride	0.02 / 0.2	4.5	ES
	11/18/08	77093	cis-1,2-Dichloroethene	7 / 70	67	PAL
P-18S (129)	11/18/08	34475	Tetrachloroethene	0.5 / 5	13	ES
	11/18/08	39180	Trichloroethene	0.5 / 5	2.0	PAL
P-22S (135)	11/17/08	34418	Chloromethane	0.3 / 3	1.1	PAL
	11/17/08	34475	Tetrachloroethene	0.5 / 5	2.5	PAL
	11/17/08	39180	Trichloroethene	0.5 / 5	0.76	PAL
P-22D (136)	11/17/08	34475	Tetrachloroethene	0.5 / 5	3.0	PAL
	11/17/08	39180	Trichloroethene	0.5 / 5	0.73	PAL
P-23S (137)	11/18/08	34475	Tetrachloroethene	0.5 / 5	7.2	ES
	11/18/08	39180	Trichloroethene	0.5 / 5	0.59	PAL
P-26S (141)	11/19/08	34475	Tetrachloroethene	0.5 / 5	17	ES
	11/19/08	39180	Trichloroethene	0.5 / 5	2.5	PAL
	11/19/08	39175	Vinyl Chloride	0.02 / 0.2	0.56	ES
P-31IA (146)	11/18/08	34475	Tetrachloroethene	0.5 / 5	5.8	ES
	11/18/08	39180	Trichloroethene	0.5 / 5	1.8	PAL
P-31IB (147)	11/18/08	34418	Chloromethane	0.3 / 3	1.3	PAL
	11/18/08	34475	Tetrachloroethene	0.5 / 5	5.7	ES
	11/18/08	39180	Trichloroethene	0.5 / 5	1.8	PAL
P-40D (161)	11/18/08	34418	Chloromethane	0.3 / 3	2.0	PAL
P-40I (162)	11/17/08	34475	Tetrachloroethene	0.5 / 5	4.8	PAL
	11/17/08	39180	Trichloroethene	0.5 / 5	1.3	PAL
P-20SR (167)	11/19/08	34475	Tetrachloroethene	0.5 / 5	4.7	PAL
P-22E (174)	11/17/08	34475	Tetrachloroethene	0.5 / 5	6.2	ES
	11/17/08	39180	Trichloroethene	0.5 / 5	1.4	PAL
P-43I (176)	11/18/08	34418	Chloromethane	0.3 / 3	1.3	PAL
Stoppleworth (311)	11/18/08	34418	Chloromethane	0.3 / 3	1.7	PAL
	11/18/08	34475	Tetrachloroethene	0.5 / 5	3.1	PAL
Noles (312)	11/17/08	34475	Tetrachloroethene	0.5 / 5	5.2	ES
	11/17/08	39180	Trichloroethene	0.5 / 5	1.7	PAL

Notes:

ug/L = micrograms per liter

ES = NR 140 Enforcement Standard

PAL = NR140 Preventive Action Limit

The VOC concentrations detected above NR140 standards but below the laboratory limit of quantitation are not considered exceedances under NR140.14 and have not been included in the exceedance summary.

State of Wisconsin
Department of Natural Resources

Environmental Monitoring Data Certification

Form 4400-231(R 1/04)

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/3
  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):

Environmental Sampling Corporation

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

Name: Tracy Ipavec Phone: (414) 427-5033

E-mail: escstaff@yahoo.com

Facility name:	License # / Monitoring ID	Facility ID [FID]	Actual sampling dates (e.g., July 2-6, 2003)
WDNR Refuse Hideaway Landfill	01953	113112010	November 17-19, 2008

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

November 2008

Type of Data Submitted (Check all that apply)

- [X] Groundwater monitoring data from monitoring wells
- [X] Groundwater monitoring data from private water supply wells
- [ ] Leachate monitoring data
- [ ] Gas monitoring data
- [ ] Air monitoring data
- [ ] Other (specify)

Notification attached?

- [ ] No. No groundwater standards or explosive gas limits were exceeded.
- [X] 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.

Tracy Ipavec | Sr. Environmental Specialist | (414) 427-5033

Facility Representative Name (Print) | Title | (Area Code) Telephone No.

Tracy Ipavec | 01/16/08

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** _____

CT LAB#: 628570	Sample Description: PW-SOMMERS				DNR License/Well #: 01953/305			Sampled: 11/17/2008 1255		
Analyte	**Result**	**Units**	**LOD**	**LOQ**	**Dilution**	**Qualifier**	**Prep Date/Time**	**Analysis Date/Time**	**Analyst**	**Method**
Sub Lab Results										
Volatile Organic Compounds	ATTACHED		N/A	N/A	1			11/20/2008	sub	EPA 524.2

CT LAB#: 628571	Sample Description: PW-DURAND				DNR License/Well #: 01953/308			Sampled: 11/17/2008 1345		
Analyte	**Result**	**Units**	**LOD**	**LOQ**	**Dilution**	**Qualifier**	**Prep Date/Time**	**Analysis Date/Time**	**Analyst**	**Method**
Sub Lab Results										
Volatile Organic Compounds	ATTACHED		N/A	N/A	1			11/20/2008	sub	EPA 524.2

CT LAB#: 628572	Sample Description: PW-WAGNER				DNR License/Well #: 01953/309			Sampled: 11/17/2008 1215		
Analyte	**Result**	**Units**	**LOD**	**LOQ**	**Dilution**	**Qualifier**	**Prep Date/Time**	**Analysis Date/Time**	**Analyst**	**Method**
Sub Lab Results										
Volatile Organic Compounds	ATTACHED		N/A	N/A	1			11/20/2008	sub	EPA 524.2

CT LAB#: 628573	Sample Description: PW-WEBER							Sampled: 11/17/2008 1245		
Analyte	**Result**	**Units**	**LOD**	**LOQ**	**Dilution**	**Qualifier**	**Prep Date/Time**	**Analysis Date/Time**	**Analyst**	**Method**
Sub Lab Results										
Volatile Organic Compounds	ATTACHED		N/A	N/A	1			11/20/2008	sub	EPA 524.2

CT LAB#: 628574	Sample Description: PW-ROUNDS				DNR License/Well #: 01953/315			Sampled: 11/17/2008 1430		
Analyte	**Result**	**Units**	**LOD**	**LOQ**	**Dilution**	**Qualifier**	**Prep Date/Time**	**Analysis Date/Time**	**Analyst**	**Method**
Sub Lab Results										
Volatile Organic Compounds	ATTACHED		N/A	N/A	1			11/20/2008	sub	EPA 524.2

Solid sample results reported on a Dry Weight Basis

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ANALYTICAL REPORT

ENVIRONMENTAL SAMPLING CORP.
FRANK PERUGINI
W125 S9808 NORTH CAPE ROAD
MUSKEGO, WI 53150

Project Name: REFUSE HIDEAWAY
Contract #: 552
Project #: 1108 EVENT
Folder #: 70303
Purchase Order #:

Arrival Temperature: See COC
Report Date: 12/5/2008
Date Received: 11/18/2008
Reprint Date: 12/5/2008

CT LAB#: 628567 | Sample Description: PW-SATHER | DNR License/Well #: 01953/300 | Sampled: 11/17/2008 1310

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Sub Lab Results										
Volatile Organic Compounds	ATTACHED		N/A	N/A	1			11/20/2008	sub	EPA 524.2

CT LAB#: 628568 | Sample Description: PW-NOLES | DNR License/Well #: 01953/312 | Sampled: 11/17/2008 1140

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Sub Lab Results										
Volatile Organic Compounds	ATTACHED		N/A	N/A	1			11/20/2008	sub	EPA 524.2

CT LAB#: 628569 | Sample Description: PW-MATUSH | Sampled: 11/17/2008 1340

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Sub Lab Results										
Volatile Organic Compounds	ATTACHED		N/A	N/A	1			11/20/2008	sub	EPA 524.2

CT LAB#: 628570 | Sample Description: PW-SOMMERS | DNR License/Well #: 01953/305 | Sampled: 11/17/2008 1255

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method

Solid sample results reported on a Dry Weight Basis

ACCREDITED IN ACCORDANCE WITH NELAC
inelac

NORTHERN LAKE SERVICE, INC.
Analytical Laboratory and Environmental Services
400 North Lake Avenue - Crandon, WI 54520
Ph: (715)-478-2777 Fax: (715)-478-3060

ANALYTICAL REPORT

WDNR Laboratory ID No. 721026460
WDATCP Laboratory Certification No. 105-330
EPA Laboratory ID No. WI00034

Client: CT Laboratories Inc
Attn: Pat M Letterer
1230 Lange Court
Baraboo,WI 53913 3109

Project: 70303 NLS and 70358 NLS

NLS Project: 125717
NLS Customer: 91430
Fax: 608 356 2766 Phone: 608 356 2760

628567 NLS ID: 503295
COC: CT Matrix: DW
Collected: 11/17/08 13:10 Received: 11/19/08

Parameter	Result	Units	Dilution	LOD	LOQ/MCL	Analyzed	Method	Lab
DW Volatile Organics (VOCs) by EPA 524.2	see attached					11/20/08	EPA 524.2	721026460

628568 NLS ID: 503296
COC: CT Matrix: DW
Collected: 11/17/08 11:40 Received: 11/19/08

Parameter	Result	Units	Dilution	LOD	LOQ/MCL	Analyzed	Method	Lab
DW Volatile Organics (VOCs) by EPA 524.2	see attached					11/20/08	EPA 524.2	721026460

628569 NLS ID: 503297
COC: CT Matrix: DW
Collected: 11/17/08 13:40 Received: 11/19/08

Parameter	Result	Units	Dilution	LOD	LOQ/MCL	Analyzed	Method	Lab
DW Volatile Organics (VOCs) by EPA 524.2	see attached					11/20/08	EPA 524.2	721026460

628570 NLS ID: 503298
COC: CT Matrix: DW
Collected: 11/17/08 12:55 Received: 11/19/08

Parameter	Result	Units	Dilution	LOD	LOQ/MCL	Analyzed	Method	Lab
DW Volatile Organics (VOCs) by EPA 524.2	see attached					11/20/08	EPA 524.2	721026460

628571 NLS ID: 503299
COC: CT Matrix: DW
Collected: 11/17/08 13:45 Received: 11/19/08

Parameter	Result	Units	Dilution	LOD	LOQ/MCL	Analyzed	Method	Lab
DW Volatile Organics (VOCs) by EPA 524.2	see attached					11/21/08	EPA 524.2	721026460

628572 NLS ID: 503300
COC: CT Matrix: DW
Collected: 11/17/08 12:15 Received: 11/19/08

Parameter	Result	Units	Dilution	LOD	LOQ/MCL	Analyzed	Method	Lab
DW Volatile Organics (VOCs) by EPA 524.2	see attached					11/21/08	EPA 524.2	721026460

628573 NLS ID: 503301
COC: CT Matrix: DW
Collected: 11/17/08 12:45 Received: 11/19/08

Parameter	Result	Units	Dilution	LOD	LOQ/MCL	Analyzed	Method	Lab
DW Volatile Organics (VOCs) by EPA 524.2	see attached					11/21/08	EPA 524.2	721026460

628574 NLS ID: 503302
COC: CT Matrix: DW
Collected: 11/17/08 14:30 Received: 11/19/08

Parameter	Result	Units	Dilution	LOD	LOQ/MCL	Analyzed	Method	Lab
DW Volatile Organics (VOCs) by EPA 524.2	see attached					11/21/08	EPA 524.2	721026460

629721 NLS ID: 503704
COC: CT Matrix: DW
Collected: 11/18/08 16:05 Received: 11/21/08

Parameter	Result	Units	Dilution	LOD	LOQ/MCL	Analyzed	Method	Lab
DW Volatile Organics (VOCs) by EPA 524.2	see attached					11/24/08	EPA 524.2	721026460

NORTHERN LAKE SERVICE, INC.
Analytical Laboratory and Environmental Services
400 North Lake Avenue - Crandon, WI 54520
Ph: (715)-478-2777 Fax: (715)-478-3060

ANALYTICAL REPORT

WDNR Laboratory ID No. 721026460
WDATCP Laboratory Certification No. 105-330
EPA Laboratory ID No. WI00034

Client: CT Laboratories Inc
Attn: Pat M Letterer
1230 Lange Court
Baraboo,WI 53913 3109

Project: 70303 NLS and 70358 NLS

NLS Project: 125717
NLS Customer: 91430

Fax: 608 356 2766 Phone: 608 356 2760

Values in brackets represent results greater than or equal to the LOD but less than the LOQ and are within a region of "Less-Certain Quantitation". Results greater than or equal to the LOQ are considered to be in the region of "Certain Quantitation". LOD and/or LOQ tagged with an asterisk(*) are considered Reporting Limits. All LOD/LOQs adjusted to reflect dilution.

LOD = Limit of Detection LOQ = Limit of Quantitation ND = Not Detected (< LOD) 1000 ug/L = 1 mg/L
DWB = Dry Weight Basis NA = Not Applicable %DWB = (mg/kg DWB) / 10000
MCL = Maximum Contaminant Levels for Drinking Water Samples. Shaded results indicate >MCL.

Reviewed by: _____

Authorized by:
R. T. Krueger
President

Environmental Sampling Corp. (ESC)
Field Status Report – November 2008

COPY

WDNR / Refuse Hideaway Landfill
Middleton, Wisconsin

Task	Sampling Period / Date	Sample Type / Description
I	11/17/08 – 11/19/08	Groundwater Sampling
II	11/17/08	Residential Well Sampling
III	11/17/08 – 11/19/08	Groundwater Elevations

Project Status

I. *Groundwater Sampling:* ESC staff was on site November 17 through November 19 to sample the groundwater the following groundwater monitoring wells: P-17S, P-18S, P-20SR, P-22D, P-22S, P-22E, P-23D, P-23S, P-25BR, P-25D, P-26S, P-27D, P-27S, P-30D, P-30I, P-31D, P-31IA, P-31IB, P-40D, P-40I, P-43S, P-43I & P-43D. Groundwater elevations were recorded and the wells were purged and sampled using submersible electric pumps, dedicated bladder pumps or bailers. One duplicate sample (DUP01= P-23D) was collected in accordance with ESC's QA/QC procedures. A field blank (FB-01) was collected near P-29S. Several laboratory trip blanks also accompanied the samples. No sample was collected from P-31D because the well was frozen.

II. *Residential Well Sampling:* ESC staff was on site November 17 &18, 2008 to collect nine residential drinking water supply well samples (PW-Sather, PW-Matush, PW-Sommers, PW-Durand, PW-Wagner, PW-Weber, PW-Rounds, PW-Stoppleworth, & PW-Noles). One trip blank accompanied the samples in accordance with ESC's QA/QC procedures.

III. *Groundwater Elevations:* ESC staff was on site November 17 through November 19 to collect the groundwater elevations from the remaining 38 monitoring wells on site not sampled during the November event. Results were recorded on ESC's Field Sheet.

Task Deviations and Reporting Turnaround

Test results will be available in approximately 30 days.

Field Observations

- Dup-01 = P-23D
- P-31D was frozen and could not be sampled.

Proposed Additional Actions

- New locks and Identification signs.

Other Observations

- None.

Rev. 3/2006

Chain of Custody

Page 1 of 1

Company: ESC
Project Contact: Frank Perugini
Telephone: 414-427-5033
Project Name: Refuse Hideaway LF
Project Number: 1108 event 0
Project Location: Middleton, WI
Sampled By: Tracy Tpavee

Regulatory Program:
UST RCRA SDWA NPDES
Solid Waste Other _____

CT LABORATORIES

1230 Lange Court, Baraboo, WI 53913
608-356-2760 Fax 608-356-2766
www.ctlaboratories.com

~~Turnaround Time~~
Normal RUSH*
Date Needed _____

*Notify Lab prior to sending in RUSH samples. Surcharges:
24 hr 200% 2-3 days 100% 4-9 days 50%,
subject to change without notice.

Lab Use Only
Place Header Sticker Here:

Mail Report To: Frank Perugini
Company: ESC
Address: W125 S9808 S. North Cape Rd.
City/State/Zip: Madison, WI 53150

Invoice To:
Company: Same as above
Address:
City/State/Zip:

PO No.

Client Special Instructions:

Landfill License Number:

ANALYSES REQUESTED

Collection Date	Collection Time	Grab/ Comp	Sample ID Description	Filtered? Y/N	**Matrix:	V-HCL VOCs (524.2)								Total # of Containers	Preservation*	Lab ID #
			Fill in Spaces with Bottles per Test													
11/17/08	1310	G	PW-Sather	N	DW	3								3	B	
	1140	G	PW-Noles	N	DW	3								3	B	
	1340	G	PW-Matush	N	DW	3								3	B	
	1255	G	PW-Sommers	N	DW	3								3	B	
	1345	G	PW-Durand	N	DW	3								3	B	
	1215	G	PW-Wagner	N	DW	3								3	B	
	1245	G	PW-Weber	N	DW	3								3	B	
11/17/08	1430	G	PW-Rounds	N	DW	3								3	B	

* Preservation Code
A=None B=HCL
C=H2SO4 D=HNO3
E=Encore F=Methanol
G=NaOH
O=Other _____

Relinquished By:	Date/Time	Relinquished By:	Date/Time
	11/17/08 1730		
Received by:	Date/Time	Received for Laboratory by:	Date/Time

Ice Present Yes No
Temperature _____
Cooler # _____

**Matrix
S-Soil A-Air Sl-Sludge M-Misc Waste
GW-Groundwater SW-Surface Water
WW-Wastewater DW-Drinking Water

REFUSE HIDEAWAY LANDFILL
DANE COUNTY, WI (WDNR LICENSE #01953)
2008 MONITORING SYSTEM SUMMARY - 02/08

PRIVATE WELLS			
TASK	**MONITORING POINTS**	**PARAMETERS**	**FREQUENCY**
I.	PW-Sather, PW-Bonk, PW-Bula, PW-Wheat/Krueger, PW-Tantrow/Thompson, PW-Summers, PW-Noles, PW-Stoppleworth ***(8 samples)***	field pH field conductivity field temperature field observations VOCs (524.2)	May
II.	PW-Sather, PW-Matush, PW-Sommers, PW-Weber, PW-Durand, PW-Wagner, PW-Rounds, PW-Noles, PW-Stoppleworth ***(9 samples)***	groundwater elevation (ft. MSL) field pH field conductivity field temperature field observations VOCs (524.2)	November

Source: Specifications/Scope of Work (Revised 03/2007), Refuse Hideaway Landfill

Contacts:

Pat Letterer - CT Laboratory: (800) 228-3012
Hank Kuehling - WDNR: (608) 275-3286

Directions to site:

I94 west to the beltline (HWY 12-18). Exit at Hwy 14 (LaCrosse, Spring Green), turn left. Turn right into driveway before billboard (ShoeBox). 7562 Hwy 14

Reporting:

Groundwater and private well monitoring results including elevations (cover letter and analytical) to WDNR in January and July. (ESC)

Rev. 3/2006

Chain of Custody

Page 1 of 5

Company: ESC
Project Contact: Frank Perugini
Telephone: 414-427-5033
Project Name: Refuse Hideaway LF
Project Number: 11/08 events
Project Location: Madison, WI
Sampled By: Scott Freimark / Jeremy McIntyre

Regulatory Program:
UST RCRA SDWA NPDES
Solid Waste Other _____

CT LABORATORIES
1230 Lange Court, Baraboo, WI 53913
608-356-2760 Fax 608-356-2766
www.ctlaboratories.com

Turnaround Time
Normal RUSH*
Date Needed _____

*Notify Lab prior to sending in RUSH samples. Surcharges:
24 hr 200% 2-3 days 100% 4-9 days 50%,
subject to change without notice.

Lab Use Only
Place Header Sticker Here:

Mail Report To: Frank Perugini
Company: ESC
Address: W125 S9808 S. North Cape Rd
City/State/Zip: Muskego, WI 53150

Invoice To:
Company: See Above
Address:
City/State/Zip:

PO No.

Client Special Instructions:

Landfill License Number: #01953

ANALYSES REQUESTED

Collection Date	Collection Time	Grab/ Comp	Sample ID Description			Filtered? Y/N	**Matrix:	V-HCL VOCs (8260)								Total # of Containers	Preservation*	Lab ID #
						Fill in Spaces with Bottles per Test												
11/18/08	1520	G	P-17S	P		N	GW	3								3	B	
11/18/08	1330	G	P-18S	P		N		3								3	B	
11/19/08	1350	G	P-20SR		B	N		3								3	B	
11/17/08	1245	G	P-22D	P		N		3								3	B	
11/17/08	1430	G	P-22E	P		N		3								3	B	
11/17/08	1500	G	P-22S	P		N		3								3	B	
11/19/08	1430	G	P-23D	P		N	GW	3								3	B	
11/18/08	1110	G	P-23S		B	N		3								3	B	
11/17/08	1515	G	P-25D	P		N		3								3	B	
11/17/08	1520	G	P-25BR	P		N		3								3	B	
11/19/08	1240	G	P-26S	P		N		3								3	B	
11/18/08	1445	G	P-27D	P		N		3								3	B	
11/18/08	1500	G	P-27S	P		N	GW	3								3	B	

* Preservation Code
A=None B=HCL
C=H2SO4 D=HNO3
E=Encore F=Methanol
G=NaOH
O=Other _____

Relinquished By:	Date/Time	Relinquished By:	Date/Time
[signature]	11/19/08 1700		
Received by:	Date/Time	Received for Laboratory by:	Date/Time

Ice Present Yes No
Temperature _____
Cooler # _____

**Matrix
S-Soil A-Air Sl-Sludge M-Misc Waste
GW-Groundwater SW-Surface Water
WW-Wastewater DW-Drinking Water

Rev. 3/2006

Chain of Custody

Page 2 of 5

Company: ESC
Project Contact: Frank Perugini
Telephone: 414-427-5033
Project Name: Refuse Hideaway LF
Project Number: 11/08 event
Project Location: Madison, WI
Sampled By: Scott Freimark / Jeremy McIntyre

Regulatory Program:
UST RCRA SDWA NPDES
Solid Waste Other _____

CT LABORATORIES
1230 Lange Court, Baraboo, WI 53913
608-356-2760 Fax 608-356-2766
www.ctlaboratories.com

Turnaround Time
(Normal) RUSH*
Date Needed _____
*Notify Lab prior to sending in RUSH samples. Surcharges:
24 hr 200% 2-3 days 100% 4-9 days 50%,
subject to change without notice.

Lab Use Only
Place Header Sticker Here:

Mail Report To: Frank Perugini.
Company: ESC
Address: W125 S9808 S. North Cape Rd
City/State/Zip: Muskego, WI 53150

Invoice To:
Company: See Above
Address:
City/State/Zip:

PO No.

Client Special Instructions:

Landfill License Number: #01953

ANALYSES REQUESTED

Collection Date	Collection Time	Grab/ Comp	Sample ID Description	Filtered? Y/N	**Matrix:	Y-HCl (VOCs - 8260)								Total # of Containers	Preservation*	Lab ID #
			Fill in Spaces with Bottles per Test													
11/19/08	1200	G	P-30D P	N	GW	3								3	B	
11/19/08	1115	G	P-30I P	N		3								3	B	
—	—	G	P-31D P	N		Well Frozen - No Sample										
11/18/08	1000	G	P-31IA P	N		3								3	B	
11/18/08	1030	G	P-31IB P	N		3								3	B	
11/18/08	1120	G	P-40D P	N		3								3	B	
11/17/08	1600	G	P-40I P	N		3								3	B	
11/18/08	1130	G	P-43D P	N		3								3	B	
11/18/08	0950	G	P-43I P	N		3								3	B	
11/18/08	0930	G	P-43S P	N		3								3	B	
11/19/08	1430	G	DUP-01	N		3								3	B	
11/19/08	1340	G	FB-01	N		3								3	B	
—	—	G	Trip Blank	N	GW	2								2	B	

* Preservation Code
A=None B=HCL
C=H2SO4 D=HNO3
E=Encore F=Methanol
G=NaOH
O=Other _____

Relinquished By:	Date/Time	Relinquished By:	Date/Time
[signature]	11/19/08 1700		
Received by:	Date/Time	Received for Laboratory by:	Date/Time

Ice Present Yes No
Temperature _____
Cooler # _____

**Matrix
S-Soil A-Air Sl-Sludge M-Misc Waste
GW-Groundwater SW-Surface Water
WW-Wastewater DW-Drinking Water

Rev. 3/2006

Chain of Custody

Page 3 of 5

Company: ESC
Project Contact: Frank Perugini
Telephone: 414-427-5033
Project Name: Refuse Hideaway LF
Project Number: 11/08 event
Project Location: Madison, WI
Sampled By: Scott Freimark / Jeremy McIntyre

Regulatory Program:
UST RCRA SDWA NPDES
Solid Waste Other _____

CT LABORATORIES
1230 Lange Court, Baraboo, WI 53913
608-356-2760 Fax 608-356-2766
www.ctlaboratories.com

Turnaround Time
(Normal) RUSH*
Date Needed _____

*Notify Lab prior to sending in RUSH samples. Surcharges:
24 hr 200% 2-3 days 100% 4-9 days 50%, subject to change without notice.

Lab Use Only
Place Header Sticker Here:

Mail Report To: Frank Perugini
Company: ESC
Address: W125 S9808 S. North Cape Rd
City/State/Zip: Muskego, WI 53150

Invoice To:
Company: See Above
Address:
City/State/Zip:

PO No.

Client Special Instructions:

Landfill License Number: # 01953

ANALYSES REQUESTED

Collection Date	Collection Time	Grab/ Comp	Sample ID Description	Filtered? Y/N	**Matrix:	V-Hal (Vocs 524.2)	Groundwater Elev. - No Sample							Total # of Containers	Preservation*	Lab ID #
			Fill in Spaces with Bottles per Test													
11/18/08	1605	G	PW- Stoppleworth	N	DW	3	1							3	B	
11/17/08	—	—	P-1D	—	—	—	X							—	—	
	—	—	P-1S	—	—	—	X							—	—	
	—	—	P-3S	—	—	—	X							—	—	
	—	—	P-4S	—	—	—	X							—	—	
	—	—	P-8BR	—	—	—	X							—	—	
	—	—	P-8D	—	—	—	X							—	—	
	—	—	P-8S	—	—	—	X							—	—	
	—	—	P-9D	—	—	—	X							—	—	
	—	—	P-9S	—	—	—	X							—	—	
	—	—	P-16D	—	—	—	X							—	—	
	—	—	P-16S	—	—	—	X							—	—	
11/17/08	—	—	P-21BR	—	—	—	X							—	—	

* Preservation Code
A=None B=HCL
C=H2SO4 D=HNO3
E=Encore F=Methanol
G=NaOH
O=Other _____

Relinquished By:	Date/Time	Relinquished By:	Date/Time
Tracy Davis	11/19/08 1700		
Received By:	Date/Time	Received for Laboratory by:	Date/Time

Ice Present Yes No
Temperature _____
Cooler # _____

**Matrix
S-Soil A-Air Sl-Sludge M-Misc Waste
GW-Groundwater SW-Surface Water
WW-Wastewater DW-Drinking Water

Rev. 3/2006

Chain of Custody

Page 4 of 5

Company: ESC
Project Contact: Frank Perugini
Telephone: 414-427-5033
Project Name: Refuse Hideaway LF
Project Number: 11/08 event
Project Location: Madison, WI
Sampled By: Scott Freimark / Jeremy McIntyre

Regulatory Program:
UST RCRA SDWA NPDES
Solid Waste Other _____

CT LABORATORIES
1230 Lange Court, Baraboo, WI 53913
608-356-2760 Fax 608-356-2766
www.ctlaboratories.com

Turnaround Time
(Normal) RUSH*
Date Needed _____

*Notify Lab prior to sending in RUSH samples. Surcharges:
24 hr 200% 2-3 days 100% 4-9 days 50%,
subject to change without notice.

Lab Use Only
Place Header Sticker Here:

Mail Report To: Frank Perugini
Company: ESC
Address: W125 S9808 S. North Cape Rd
City/State/Zip: Muskego, WI 53150

Invoice To:
Company: See Above
Address:
City/State/Zip:

PO No.

Client Special Instructions:

Landfill License Number: # 01953

ANALYSES REQUESTED

Collection Date	Collection Time	Grab/ Comp	Sample ID Description	Filtered? Y/N	**Matrix:	Groundwater Elev. - No Sample								Total # of Containers	Preservation*	Lab ID #
				Fill in Spaces with Bottles per Test												
11/17/08	—	—	P-21D	—	—	X								—	—	
	—	—	P-21S	—	—	X								—	—	
	—	—	P-24D	—	—	X								—	—	
	—	—	P-24E	—	—	X								—	—	
	—	—	P-25S	—	—	X								—	—	
	—	—	P-26D	—	—	X								—	—	
	—	—	P-28S	—	—	X								—	—	
	—	—	P-29S	—	—	X								—	—	
	—	—	P-30S	—	—	X								—	—	
	—	—	P-31S	—	—	X								—	—	
	—	—	P-32D	—	—	X								—	—	
	—	—	P-32S	—	—	X								—	—	
11/17/08	—	—	P-33D	—	—	X								—	—	

* Preservation Code
A=None B=HCL
C=H2SO4 D=HNO3
E=Encore F=Methanol
G=NaOH
O=Other _____

Relinquished By:	Date/Time	Relinquished By:	Date/Time
[signature]	11/19/08 1700		
Received by:	Date/Time	Received for Laboratory by:	Date/Time
[signature]			

Ice Present Yes No
Temperature _____
Cooler # _____

**Matrix
S-Soil A-Air SI-Sludge M-Misc Waste
GW-Groundwater SW-Surface Water
WW-Wastewater DW-Drinking Water

Rev. 3/2006

Chain of Custody

Page 5 of 5

Company: ESC
Project Contact: Frank Perugini
Telephone: 414-427-5033
Project Name: Refuse Hideaway LF
Project Number: 11108 event
Project Location: Madison, WI
Sampled By: Scott Freimark / Jeremy McIntyre

Regulatory Program:
UST RCRA SDWA NPDES
Solid Waste Other _____

CT LABORATORIES

1230 Lange Court, Baraboo, WI 53913
608-356-2760 Fax 608-356-2766
www.ctlaboratories.com

Turnaround Time
(Normal) RUSH*
Date Needed _____

*Notify Lab prior to sending in RUSH samples. Surcharges:
24 hr 200% 2-3 days 100% 4-9 days 50%,
subject to change without notice.

Lab Use Only
Place Header Sticker Here:

Mail Report To: Frank Perugini
Company: ESC
Address: W125 S9808 S. North Cape Rd
City/State/Zip: Muskego, WI 53150

Invoice To:
Company: See Above
Address:
City/State/Zip:

PO No.

Client Special Instructions:

Landfill License Number: # 01953

ANALYSES REQUESTED

Collection Date	Collection Time	Grab/ Comp	Sample ID Description	Filtered? Y/N	**Matrix:	Groundwater - No Sample Elev.								Total # of Containers	Preservation*	Lab ID #
				Fill in Spaces with Bottles per Test												
11/17/08	—	—	P-33S	—	—	X								—	—	
	—	—	P-34S	—	—	X								—	—	
	—	—	P-34D	—	—	X								—	—	
	—	—	P-35S	—	—	X								—	—	
	—	—	P-35D	—	—	X								—	—	
	—	—	P-36D	—	—	X								—	—	
	—	—	P-36S	—	—	X								—	—	
	—	—	P-38S	—	—	X								—	—	
	—	—	P-39S	—	—	X								—	—	
	—	—	P-40S	—	—	X								—	—	
	—	—	P-41D	—	—	X								—	—	
	—	—	P-41S	—	—	X								—	—	
11/17/08	—	—	P-42S	—	—	X								—	—	

Relinquished By:	Date/Time	Relinquished By:	Date/Time
[signature]	11/19/08 1700		
Received by:	Date/Time	Received for Laboratory by:	Date/Time

Ice Present Yes No
Temperature _____
Cooler # _____

**Matrix
S-Soil A-Air Sl-Sludge M-Misc Waste
GW-Groundwater SW-Surface Water
WW-Wastewater DW-Drinking Water

* Preservation Code
A=None B=HCL
C=H2SO4 D=HNO3
E=Encore F=Methanol
G=NaOH
O=Other _____

REFUSE HIDEAWAY LANDFILL
DANE COUNTY, WI (WDNR LICENSE #01953)
2008 MONITORING SYSTEM SUMMARY - 02/08

GROUNDWATER

TASK	MONITORING POINTS	PARAMETERS	FREQUENCY
I.	P-1D, P-1S, P-3S, P-4S, P-8BR +, P-30S, P-33S +, P-35S +, P-35D +, P-36D, P-36S, P-38S, P-39S, P-40S, P-41S, P-42S (+ - Select wells are sampled every third year)	groundwater elevation (ft MSL)	May
II.	P-8D, P-8S, P-9D, P-9S, P-16S, P-16D, P-17S, P-18S, P-20SR, P-21S, P-21D, P-21BR, P-22D, P-22E, P-22S, P-23D, P-23S, P-24D, P-24E, P-25S, P-25D, P-25BR, P-26S, P-26D, P-27D, P-27S, P-28S, P-29S, P-30D, P-30I, P-31D, P-31IA, P-31IB, P-31S, P-32D, P-32S, P-33D, P-34S, P-34D, P-40D, P-40I, P-41D, P-43D, P-43I, P-43S, DUP-01, DUP-02, FB-01 ***(48 samples)***	groundwater elevation (ft. MSL) field pH field conductivity field temperature field observations VOCs (8260)	May
III.	P-8BR, P-33S, P-35S, P-35D ***(4 samples)***	groundwater elevation (ft. MSL) field pH field conductivity field temperature field observations VOCs (8260)	Every third year in May (2008, 2011, 2014, etc.)
Iv.	~~P-1D, P-1S, P-3S, P-4S, P-8BR, P-8D, P-8S, P-9D, P-9S, P-16D, P-16S, P-21BR, P-21D, P-21S, P-24D, P-24E, P-25S, P-26D, P-28S, P-29S, P-30S, P-31S, P-32D, P-32S, P-33D, P-33S, P-34S, P-34D, P-35S, P-35D, P-36D, P-36S, P-38S, P-39S, P-40S, P-41D, P-41S, P-42S~~	groundwater elevation (ft. MSL)	November
V.	P-17S, P-18S, P-20SR, P-22D, P-22E, P-22S, P-23D, P-23S, P-25D, P-25BR, P-26S, P-27D, P-27S, P-30D, P-30I, P-31D, P-31IA, P-31IB, P-40D, P-40I, P-43D, P-43I, P-43S, DUP-01, FB-01 ***(23 samples)***	groundwater elevation (ft. MSL) field pH field conductivity field temperature field observations VOCs (8260)	November
VI.	P-8BR, ~~P-9D, P-24D, P-24E~~, P-33D, P-36S (Wells with water level control equip.)	Well equipment inspection (Inspect devices to ensure that the wells are protected from frost damage. When water levels are 3 ft. below ground surface, the inspection is no longer required)	December, January, February, March

REFUSE HIDEAWAY LANDFILL
DANE COUNTY, WI (WDNR LICENSE #01953)
2008 MONITORING SYSTEM SUMMARY - 02/08

PRIVATE WELLS			
TASK	**MONITORING POINTS**	**PARAMETERS**	**FREQUENCY**
I.	PW-Sather, PW-Bonk, PW-Bula, PW-Wheat/Krueger, PW-Tantrow/Thompson, PW-Summers, PW-Noles, PW-Stoppleworth ***(8 samples)***	field pH field conductivity field temperature field observations VOCs (524.2)	May
II.	PW-Sather, PW-Matush, PW-Sommers, PW-Weber, PW-Durand, PW-Wagner, PW-Rounds, PW-Noles, PW-Stoppleworth ***(9 samples)***	groundwater elevation (ft. MSL) field pH field conductivity field temperature field observations VOCs (524.2)	November

Source: Specifications/Scope of Work (Revised 03/2007), Refuse Hideaway Landfill

Contacts:

Pat Letterer - CT Laboratory: (800) 228-3012
Hank Kuehling - WDNR: (608) 275-3286

Directions to site:

I94 west to the beltline (HWY 12-18). Exit at Hwy 14 (LaCrosse, Spring Green), turn left. Turn right into driveway before billboard (ShoeBox). 7562 Hwy 14

Reporting:

Groundwater and private well monitoring results including elevations (cover letter and analytical) to WDNR in January and July. (ESC)

WDNR - Refuse Hideaway Landfill
Groundwater Elevations
November 2008

Well I.D.	Total Depth (ft)	TOC Elevation (msl)	Depth to Water (ft)	Groundwater Elevation (ft/msl)	Equipment in well
P-1D		926.67	0.10	926.57	
P-1S		924.39	2.01	922.38	
P-3S		932.79	6.00	926.79	
P-4S		929.89	2.85	927.04	
P-8BR	111.50	929.52	2.77	926.75	Geopump
P-8D	41.80	930.98	4.27	926.71	tubing
P-8S	18.40	932.50	6.11	926.39	bailer
P-9D	43.00	930.43	3.33	927.10	tubing
P-9S	16.00	932.09	5.36	926.73	bailer
P-16D	42.90	936.30	10.61	925.69	tubing
P-16S	17.20	935.96	10.69	925.27	bailer
P-17S	158.80	1081.75	151.66	930.09	QED pump
P-18S	107.20	1020.57	92.07	928.50	QED pump
P-20SR	66.30	961.78	33.68	928.10	bailer
P-21BR	148.30	935.19	9.20	925.99	QED pump
P-21D	41.60	935.81	9.74	926.07	tubing
P-21S	19.70	936.43	8.76	927.67	bailer
P-22D	217.30	1088.94	169.00	919.94	QED pump/packer
P-22E	273.00	1089.72	169.80	919.92	Geopump
P-22S	184.70	1088.20	168.00	920.20	QED pump
P-23D	80.10	961.53	34.02	927.51	QED pump
P-23S	48.10	961.71	34.25	927.46	bailer
P-24D	25.20	927.25	1.00	926.25	tubing
P-24E	52.50	927.39	0.55	926.84	tubing
P-25BR	140.30	943.27	20.66	922.61	QED pump
P-25D	96.30	943.86	21.48	922.38	QED pump
P-25S	29.40	943.14	17.51	925.63	bailer
P-26D	262.10	1149.63	215.85	933.78	QED pump
P-26S	237.60	1150.95	215.00	935.95	QED pump
P-27D	204.30	1095.56	168.80	926.76	QED pump/packer
P-27S	188.80	1095.23	168.95	926.28	QED pump
P-28S	207.40	1124.33	191.15	933.18	QED pump
P-29S	257.20	1163.10	230.10	933.00	QED pump
P-30D	289.50	932.97	17.51	915.46	QED pump/packer
P-30I	142.30	930.94	15.55	915.39	QED pump/packer
P-30S		932.61	17.34	915.27	
P-31D	258.20	915.72	*	N/A	QED pump/packer
P-31IA	95.60	916.77	*	N/A	QED pump/packer
P-31IB	135.70	916.49	*	N/A	QED pump/packer
P-31S	28.80	916.59	4.62	911.97	QED pump
P-32D	176.20	942.66	18.44	924.22	QED pump
P-32S	39.50	943.73	17.22	926.51	No equipment

WDNR - Refuse Hideaway Landfill
Groundwater Elevations
November 2008

Well I.D.	Total Depth (ft)	TOC Elevation (msl)	Depth to Water (ft)	Groundwater Elevation (ft/msl)	Equipment in well
P-33D	103.40	928.50	1.17	927.33	QED pump
P-33S	27.60	928.55	3.56	924.99	
P-34D	276.10	1090.98	157.10	933.88	QED pump/packer
P-34S	186.00	1091.10	156.10	935.00	QED pump
P-35D	252.60	1087.70	159.00	928.70	
P-35S	184.00	1087.90	157.50	930.40	
P-36D		924.34	0.00	924.34	
P-36S		924.49	1.14	923.35	
P-38S		923.21	6.33	916.88	
P-39S		946.08	30.93	915.15	
P-40D	255.20	922.98	7.29	915.69	QED pump/packer
P-40I	104.80	922.28	5.96	916.32	QED pump/packer
P-40S		922.01	7.17	914.84	
P-41D	104.50	924.82	13.10	911.72	QED pump/packer
P-41S		925.58	8.55	917.03	
P-42S		917.62	7.50	910.12	
P-43D	283.60	1109.92	186.20	923.72	Geopump
P-43I	233.30	1110.24	186.60	923.64	Geopump
P-43S	205.70	1110.60	187.00	923.60	Geopump

Top of well elevations and total depth measurements were obtained from the WDNR Specifications/Scope of Work (revised 03/2007).

* - Probe could not be inserted due to pump.

ENVIRONMENTAL SAMPLING CORPORATION GROUNDWATER MONITORING FIELD FORM
MONTH: NOVEMBER 2008

Purging Phase

Well ID	Date (2008)	Time (24hrs.)	Top of Well Elevation (ft.MSL)	Depth to Water (ft.)	Groundwater Elevation (ft.MSL)	Total Depth (ft.)	Height of Water Col. (ft.)	Req. Gal. to Purge (4 vol.)	Amount Purged (gal.)
P-22D	11/17	1200	1088.94	169.00	919.94	217.2	48.2	PACKER 5.5	6.0
P-22E	11/17	1200	1089.72	169.80	919.92	273.0	103.2	67.4	17.0*
P-22S	11/17	1200	1088.20	168.00	920.20	184.7	16.7	10.9	11.0
P-26D	11/17	--	1149.63	215.85	933.78	--	--	--	--
P-26S	11/19	0940	1150.95	215.00	935.95	237.6	22.6	14.8	15.0
P-27D	11/18	1400	1095.56	168.80	926.76	204.3	35.5	PACKER 8.0	8.0
P-27S	11/18	1400	1095.23	168.95	926.28	188.8	19.9	13.0	13.0
P-28S	11/17	--	1124.33	191.15	933.18	--	--	--	--
P-29S	11/17	--	1163.10	230.10	933.00	--	--	--	--
P-34D	11/17	--	1090.98	157.10	933.88	--	--	--	--
P-34S	11/17	--	1091.10	156.10	935.00	--	--	--	--
P-35D	11/17	--	1087.70	159.00	928.70	--	--	--	--
P-35S	11/17	--	1087.90	157.50	930.40	--	--	--	--

Sampling Phase

Date (2008)	Time (24hrs.)	pH (s.u.)	Spec. Cond. (25C)	Temp. (deg.C)	Color before Filter	Color after Filter	Odor	Turb before Filter	Turb after Filter	Number of Filters Used
11/17	1245	6.79	597	8.3	clear	--	none	none	--	--
11/17	1430	7.56	590	5.6	clear	--	none	none	--	--
11/17	1500	7.68	631	7.5	tan	--	none	moderate	--	--
--	--	--	--	--	--	--	--	--	--	--
11/19	1240	6.80	924	9.8	clear	--	none	none	--	--
11/18	1445	7.48	1077	8.5	clear	--	none	none	--	--
11/18	1500	7.23	1030	9.8	clear	--	none	none	--	--
--	--	--	--	--	--	--	--	--	--	--
--	--	--	--	--	--	--	--	--	--	--
--	--	--	--	--	--	--	--	--	--	--
--	--	--	--	--	--	--	--	--	--	--
--	--	--	--	--	--	--	--	--	--	--
--	--	--	--	--	--	--	--	--	--	--

Casing I.D. (inches) : Gallons per foot to get one well volume.
1.5" well : 0.092 gal. 2" well : 0.163 gal. 3" well : 0.377 gal. 4" well : 0.653 gal.

NOTES:
Monitoring wells are located on the Sommers Farm property.

* - Low flow sampling equipment. Sample collected after field readings had stabilized.

WEATHER Wind Speed: 5-15 mph Direction: NW Temp.: 30
Date: 11/17/2008 Overview: Cloudy flurries
Date Equipment Used:
pH Meter: Oakton pH 7.0: 7.00 pH 4.0: 4.01 Slope: NA
Spec. Cond. Meter: Oakton Standard: 1413 Reading: 1407
Temperature: 2.7

Facility Name: WDNR Refuse Hideaway Landfill
Facility Address: Highway 14, Middleton, WI
ESC Personnel: JM, SF

ENVIRONMENTAL SAMPLING CORPORATION
414-427-5033

Client: WDNR Page: 1 of 6
Project: RHL - 05/08 Event
Prepared by: SF Date: 11/20/2008
Checked by: TI Date: 11/20/2008

ENVIRONMENTAL SAMPLING CORPORATION GROUNDWATER MONITORING FIELD FORM
MONTH: NOVEMBER 2008

Purging Phase

Well ID	Date (2008)	Time (24hrs.)	Top of Well Elevation (ft.MSL)	Depth to Water (ft.)	Groundwater Elevation (ft.MSL)	Total Depth (ft.)	Height of Water Col. (ft.)	Req. Gal. to Purge (4 vol.)	Amount Purged (gal.)
P-43D	11/18	0900	1109.92	186.20	923.72	283.6	97.4	63.6	16.0*
P-43I	11/18	0900	1110.24	186.60	923.64	233.3	46.7	30.5	8.0*
P-43S	11/18	0900	1110.60	187.00	923.60	205.7	18.7	12.2	4.0*
P-30D	11/19	1120	932.97	17.51	915.46	289.5	272.0	PACKER 15.0	15.0
P-30I	11/19	1030	930.94	15.55	915.39	142.3	126.8	PACKER 9.0	9.0
P-31D	11/18	--	915.72	NA	NA	--	--	--	--
P-31IA	11/18	0930	916.77	NA	NA	95.6	NA	PACKER 8.0	8.0
P-31IB	11/18	1000	916.49	NA	NA	135.7	NA	PACKER 8.0	8.0
P-31S	11/17	--	916.59	4.62	911.97	--	--	--	--
P-32D	11/17	--	942.66	18.44	924.22	--	--	--	--
P-32S	11/17	--	943.73	17.22	926.51	--	--	--	--
P-40D	11/18	1050	922.98	7.29	915.69	255.200	247.9	PACKER 9.0	9.0
P-40I	11/17	1540	922.28	5.96	916.32	104.8	98.8	PACKER 9.0	9.0

Sampling Phase

Date (2008)	Time (24hrs.)	pH (s.u.)	Spec. Cond. (25C)	Temp. (deg.C)	Color before Filter	Color after Filter	Odor	Turb before Filter	Turb after Filter	Number of Filters Used
11/18	1130	7.68	789	8.1	clear	--	none	none	--	--
11/18	0950	6.90	750	8.6	cloudy	--	none	low	--	--
11/18	0930	6.84	810	7.9	clear	--	none	none	--	--
11/19	1200	7.44	512	8.9	clear	--	none	none	--	--
11/19	1115	7.72	622	9.5	clear	--	none	none	--	--
Well Frozen - No Sample Collected										
11/18	1000	7.34	785	9.9	clear	--	none	none	--	--
11/18	1030	6.91	791	8.5	clear	--	none	none	--	--
--	--	--	--	--	--	--	--	--	--	--
--	--	--	--	--	--	--	--	--	--	--
--	--	--	--	--	--	--	--	--	--	--
11/18	1120	7.18	546	9.2	clear	--	none	none	--	--
11/17	1600	7.05	603	5.2	clear	--	none	none	--	--

Casing I.D. (inches) : Gallons per foot to get one well volume.
1.5" well : 0.092 gal. 2" well : 0.163 gal. 3" well : 0.377 gal. 4" well : 0.653 gal.

NOTES:
The P-43 well nest is located on the Sommer's Farm property. The remaining wells are located along Highway 14.
P-31D Frozen
* - Low flow sampling equipment. Sample collected after field readings had stabilized.

WEATHER **Wind Speed:** 0-10 mph **Direction:** N **Temp.:** 30
Date: 11/18/2008 **Overview:** Sunny
Date Equipment Used:
pH Meter: Oakton **pH 7.0:** 7.00 **pH 4.0:** 4.01 **Slope:** NA
Spec. Cond. Meter: Oakton **Standard:** 1413 **Reading:** 1415
Temperature: 1.1

Facility Name: WDNR Refuse Hideaway Landfill
Facility Address: Highway 14, Middleton, WI
ESC Personnel: JM, SF

ENVIRONMENTAL SAMPLING CORPORATION
414-427-5033

Client: WDNR **Page:** 2 **of** 6
Project: RHL - 05/08 Event
Prepared by: SF **Date:** 11/20/2008
Checked by: TI **Date:** 11/20/2008

ENVIRONMENTAL SAMPLING CORPORATION GROUNDWATER MONITORING FIELD FORM

MONTH: NOVEMBER 2008

Purging Phase

Well ID	Date (2008)	Time (24hrs.)	Top of Well Elevation (ft.MSL)	Depth to Water (ft.)	Groundwater Elevation (ft.MSL)	Total Depth (ft.)	Height of Water Col. (ft.)	Req. Gal. to Purge (4 vol.)	Amount Purged (gal.)
P-41D	11/17	--	924.82	13.10	911.72	--	--	--	--
P-30S	11/17	--	932.61	17.34	915.27	--	--	--	--
P-36D	11/17	--	924.34	0.00	924.34	--	--	--	--
P-36S	11/17	--	924.49	1.14	923.35	--	--	--	--
P-38S	11/17	--	923.21	6.33	916.88	--	--	--	--
P-39S	11/17	--	946.08	30.93	915.15	--	--	--	--
P-40S	11/17	--	922.01	7.17	914.84	--	--	--	--
P-41S	11/17	--	925.58	8.55	917.03	--	--	--	--
P-42S	11/17	--	917.62	7.50	910.12	--	--	--	--
P-17S	11/18	1400	1081.75	151.66	930.09	158.8	7.14	4.7	5.0
P-18S	11/18	1225	1020.57	92.07	928.50	107.2	15.13	9.9	10.0
FB-01	11/19	--	--	--	--	--	--	--	--
DUP-01	11/19	--	--	--	--	--	--	--	--

Sampling Phase

Well ID	Date (2008)	Time (24hrs.)	pH (s.u.)	Spec. Cond. (25C)	Temp. (deg.C)	Color before Filter	Color after Filter	Odor	Turb before Filter	Turb after Filter	Number of Filters Used
P-41D	--	--	--	--	--	--	--	--	--	--	--
P-30S	--	--	--	--	--	--	--	--	--	--	--
P-36D	--	--	--	--	--	--	--	--	--	--	--
P-36S	--	--	--	--	--	--	--	--	--	--	--
P-38S	--	--	--	--	--	--	--	--	--	--	--
P-39S	--	--	--	--	--	--	--	--	--	--	--
P-40S	--	--	--	--	--	--	--	--	--	--	--
P-41S	--	--	--	--	--	--	--	--	--	--	--
P-42S	--	--	--	--	--	--	--	--	--	--	--
P-17S	11/18	1520	6.70	1,198	10.6	clear	--	none	none	--	--
P-18S	11/18	1330	7.18	611	10.0	clear	--	none	none	--	--
FB-01	11/19	1340	7.86	45.3	7.1	clear	--	none	none	--	--
DUP-01	11/19	1430	7.09	550	10.4	clear	--	none	none	--	--

Casing I.D. (inches) : Gallons per foot to get one well volume.
1.5" well : 0.092 gal. 2" well : 0.163 gal. 3" well : 0.377 gal. 4" well : 0.653 gal.

NOTES:
P-17S and P-18S are located on the rock ledges around the site. The remaining wells are located along Highway 14.
Dup-01 = P-23D

WEATHER **Wind Speed:** 5-15 mph **Direction:** NW **Temp.:** 30
Date: 11/17/2008 **Overview:** Cloudy flurries
Date Equipment Used:
pH Meter: Oakton **pH 7.0:** 7.00 **pH 4.0:** 4.01 **Slope:** NA
Spec. Cond. Meter: Oakton **Standard:** 1413 **Reading:** 1407
Temperature: 2.7

Facility Name: WDNR Refuse Hideaway Landfill
Facility Address: Highway 14, Middleton, WI
ESC Personnel: JM, SF

ENVIRONMENTAL SAMPLING CORPORATION
414-427-5033

Client: WDNR **Page:** 3 **of** 6
Project: RHL - 05/08 Event
Prepared by: SF **Date:** 11/20/2008
Checked by: TI **Date:** 11/20/2008

CP263/ESC/Forms/Field Form.xls

ENVIRONMENTAL SAMPLING CORPORATION GROUNDWATER MONITORING FIELD FORM

MONTH: NOVEMBER 2008

Purging Phase										Sampling Phase										
Well ID	Date (2008)	Time (24hrs.)	Top of Well Elevation (ft.MSL)	Depth to Water (ft.)	Groundwater Elevation (ft.MSL)	Total Depth (ft.)	Height of Water Col. (ft.)	Req. Gal. to Purge (4 vol.)	Amount Purged (gal.)	Date (2008)	Time (24hrs.)	pH (s.u.)	Spec. Cond. (25C)	Temp. (deg.C)	Color before Filter	Color after Filter	Odor	Turb before Filter	Turb after Filter	Number of Filters Used
P-8D	11/17	--	930.98	4.27	926.71	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
P-8S	11/17	--	932.50	6.11	926.39	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
P-9D	11/17	--	930.43	3.33	927.10	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
P-9S	11/17	--	932.09	5.36	926.73	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
P-16D	11/17	--	936.30	10.61	925.69	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
P-16S	11/17	--	935.96	10.69	925.27	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
P-20SR	11/19	1300	961.78	33.68	928.10	66.3	32.6	21.3	22.0	11/19	1350	7.26	589	10.5	clear	--	none	none	--	--
P-21BR	11/17	--	935.19	9.20	925.99	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
P-21D	11/17	--	935.81	9.74	926.07	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
P-21S	11/17	--	936.43	8.26	928.17	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
P-23D	11/19	1250	961.53	34.02	927.51	80.1	46.1	30.1	31.0	11/19	1430	7.09	550	10.4	clear	--	none	low	--	--
P-23S	11/17	1040	961.71	34.25	927.46	48.1	13.9	9.0	9.0	11/18	1110	7.51	821	7.3	clear	--	none	none	--	--
P-24D	11/17	--	927.25	1.00	926.25	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Casing I.D. (Inches) : Gallons per foot to get one well volume.
1.5" well : 0.092 gal. 2" well : 0.163 gal. 3" well : 0.377 gal. 4" well : 0.653 gal.

NOTES:
Monitoring wells are located around the facility and along the adjacent farm fields.
P-21S organic matter in purge water.

Dup-01 = P-23D

WEATHER Wind Speed: 0-10 mph Direction: N Temp.: 30
Date: 11/18/2008 Overview: Sunny
Date Equipment Used:
pH Meter: Oakton pH 7.0: 7.00 pH 4.0: 4.01 Slope: NA
Spec. Cond. Meter: Oakton Standard: 1413 Reading: 1415
Temperature: 1.1

Facility Name: WDNR Refuse Hideaway Landfill
Facility Address: Highway 14, Middleton, WI
ESC Personnel: JM, SF

ENVIRONMENTAL SAMPLING CORPORATION
414-427-5033

Client: WDNR Page: 4 of 6
Project: RHL - 05/08 Event
Prepared by: SF Date: 11/20/2008
Checked by: TI Date: 11/20/2008

ENVIRONMENTAL SAMPLING CORPORATION GROUNDWATER MONITORING FIELD FORM
MONTH: NOVEMBER 2008

Purging Phase

Well ID	Date (2008)	Time (24hrs.)	Top of Well Elevation (ft.MSL)	Depth to Water (ft.)	Groundwater Elevation (ft.MSL)	Total Depth (ft.)	Height of Water Col. (ft.)	Req. Gal. to Purge (4 vol.)	Amount Purged (gal.)
P-24E	11/17	--	927.39	0.55	926.84	--	--	--	--
P-25BR	11/17	1300	943.27	20.60	922.67	140.3	119.7	78.2	78.0
P-25D	11/17	1300	943.86	21.48	922.38	96.3	74.8	48.9	49.0
P-25S	11/17	--	943.14	17.51	925.63	--	--	--	--
P-33D	11/17	--	928.50	1.17	927.33	--	--	--	--
P-1D	11/17	--	926.67	0.10	926.57	--	--	--	--
P-1S	11/17	--	924.39	2.01	922.38	--	--	--	--
P-3S	11/17	--	932.79	6.00	926.79	--	--	--	--
P-4S	11/17	--	929.89	2.85	927.04	--	--	--	--
P-8BR	11/17	--	929.52	2.77	926.75	--	--	--	--
P-33S	11/17	--	928.55	3.56	924.99	--	--	--	--

Sampling Phase

Date (2008)	Time (24hrs.)	pH (s.u.)	Spec. Cond. (25C)	Temp. (deg.C)	Color before Filter	Color after Filter	Odor	Turb before Filter	Turb after Filter	Number of Filters Used
--	--	--	--	--	--	--	--	--	--	--
11/17	1520	7.48	522	10.0	clear	--	none	none	--	--
11/17	1515	6.78	842	9.7	clear	--	none	none	--	--
--	--	--	--	--	--	--	--	--	--	--
--	--	--	--	--	--	--	--	--	--	--
--	--	--	--	--	--	--	--	--	--	--
--	--	--	--	--	--	--	--	--	--	--
--	--	--	--	--	--	--	--	--	--	--
--	--	--	--	--	--	--	--	--	--	--
--	--	--	--	--	--	--	--	--	--	--
--	--	--	--	--	--	--	--	--	--	--

Casing I.D. (inches) : Gallons per foot to get one well volume.
1.5" well : 0.092 gal. 2" well : 0.163 gal. 3" well : 0.377 gal. 4" well : 0.653 gal.

NOTES:
Monitoring wells are located around the facility and along the adjacent farm fields.
P-25BR has broken bladder

WEATHER Wind Speed: 5-15 mph Direction: NW Temp.: 30
Date: 11/17/2008 Overview: Cloudy flurries
Date Equipment Used:
pH Meter: Oakton pH 7.0: 7.00 pH 4.0: 4.01 Slope: NA
Spec. Cond. Meter: Oakton Standard: 1413 Reading: 1407
Temperature: 2.7

Facility Name:	WDNR Refuse Hideaway Landfill	ENVIRONMENTAL SAMPLING CORPORATION 414-427-5033	Client:	WDNR	Page: 5 of 6
Facility Address:	Highway 14, Middleton, WI		Project:	RHL - 05/08 Event	
ESC Personnel:	JM, SF		Prepared by:	SF	Date: 11/20/2008
			Checked by:	TI	Date: 11/20/2008

ENVIRONMENTAL SAMPLING CORPORATION GROUNDWATER MONITORING FIELD FORM
MONTH: NOVEMBER 2008

Purging Phase

Well ID	Date (2008)	Time (24hrs.)	Top of Well Elevation (ft.MSL)	Depth to Water (ft.)	Groundwater Elevation (ft.MSL)	Total Depth (ft.)	Height of Water Col. (ft.)	Req. Gal. to Purge (4 vol.)	Amount Purged (min.)
PW-Sather	11/17	1255	--	--	--	--	--	--	15
PW-Noles	11/17	1125	--	--	--	--	--	--	15
PW-Stoppleworth	11/18	1550	--	--	--	--	--	--	15
PW-Matush	11/17	1325	--	--	--	--	--	--	15
PW-Sommers	11/17	1240	--	--	--	--	--	--	15
PW-Durand	11/17	1330	--	--	--	--	--	--	15
PW-Wagner	11/17	1200	--	--	--	--	--	--	15
PW-Weber	11/17	1230	--	--	--	--	--	--	15
PW-Rounds	11/17	1415	--	--	--	--	--	--	15

Sampling Phase

Date (2008)	Time (24hrs.)	pH (s.u.)	Spec. Cond. (25C)	Temp. (deg.C)	Color before Filter	Color after Filter	Odor	Turb before Filter	Turb after Filter	Number of Filters Used
11/17	1310	7.49	761	9.3	clear	--	none	none	--	--
11/17	1140	6.25	797	9.3	clear	--	none	none	--	--
11/18	1605	7.85	790	8.2	clear	--	none	none	--	--
11/17	1340	7.33	805	9.4	clear	--	none	none	--	--
11/17	1255	7.36	649	9.8	clear	--	none	none	--	--
11/17	1345	7.14	1108	9.4	clear	--	none	none	--	--
11/17	1215	7.24	832	9.5	clear	--	none	none	--	--
11/17	1245	7.81	697	9.5	clear	--	none	none	--	--
11/17	1430	7.46	696	10.2	clear	--	none	none	--	--

Casing I.D. (inches) : Gallons per foot to get one well volume.
1.5" well : 0.092 gal. 2" well : 0.163 gal. 3" well : 0.377 gal. 4" well : 0.653 gal.

NOTES:

WEATHER Wind Speed: 5-15 mph Direction: NW Temp.: 30
Date: 11/17/2008 Overview: Cloudy flurries
Date Equipment Used:
pH Meter: Oakton pH 7.0: 7.00 pH 4.0: 4.01 Slope: NA
Spec. Cond. Meter: Oakton Standard: 1413 Reading: 1407
Temperature: 2.7

Facility Name: WDNR Refuse Hideaway Landfill
Facility Address: Highway 14, Middleton, WI
ESC Personnel: SF, TI

ENVIRONMENTAL SAMPLING CORPORATION
414-427-5033

Client: WDNR Page: 6 of 6
Project: RHL - 05/08 Event
Prepared by: SF Date: 11/20/2008
Checked by: TI Date: 11/20/2008

CT LABORATORIES
delivering more than data from your environmental analyses

1230 Lange Court • Baraboo, WI 53913 • 608-356-2760
www.ctlaboratories.com

Upon Receipt of Samples, please verify that samples were received in acceptable condition then sign this form and fax to (608)356-2766 or email to the project manager

SUBLAB **Northern Lakes Service**
400 N Lake Avenue
Crandon, WI 54520

Return Invoice and Results to:

CT Laboratories
Pat Letterer
1230 Lange Court
Baraboo WI 53913
pletterer@ctlaboratories.com

PURCHASE ORDER # 70358 NLS

The PO# must appear on all invoice and reports!

Date Due: 12/05/08

RUSH TURNAROUND NEEDED? *Y or (N) (Circle One)*

Report results as EDD? N (Y) (Circle one and indicate) Type: GEMS S03704

Data Deliverable Package LEVEL: ——— ✓ RWL 11-20-08

CTLabs ID#	Sample Date/Time	Matrix	Sample Description	Analyses / Method		Cost
629721	11/18/2008 1605	DRINKING WATER	PW-STOPPLEWORTH	524 VOC	EPA 524.2	

Relinquished by: L Wert
Date/Time: 11/20/08 1102

Received by: Jukki Braun
Date/Time: 11/21/08 1130

COMMENTS:

REPORT ALL SOLIDS ON A DRY WEIGHT BASIS UNLESS OTHERWISE INDICATED

ENVIRONMENTAL SAMPLING CORPORATION

Dedicated to Environmental Monitoring, Science & Technology

July 23, 2009

Mr. Harlan Kuehling, P.G.
Wisconsin Department of Natural Resources
3911 Fish Hatchery Road
Fitchburg, WI 53711

Re: Refuse Hideaway Landfill – Middleton, WI (License #01953)
May 2009 Laboratory Analytical Results

Dear Mr. Kuehling:

Enclosed please find the data file, exceedance summary, and data certification page for the groundwater and private well monitoring conducted at the Refuse Hideaway Landfill (RHL) in May 2009. As requested, an electronic copy of the laboratory analytical data is included on the enclosed CD.

In accordance with the Scope of Work for Groundwater Sampling at RHL, revised March 2007, Environmental Sampling Corporation (ESC) staff was on site May 26-28, 2009 to collect samples from 45 groundwater monitoring wells and eight private wells. ESC staff also collected groundwater elevation measurements from an additional 16 groundwater monitoring wells. The groundwater and drinking water samples collected were packed on ice and shipped to CT Laboratories (WI cert. #157066030). In accordance with ESC's QA/QC procedures, trip blanks, duplicate samples, and a field blank were included with the shipments.

NR140 Exceedances

Laboratory analytical results were compared to the WDNR Ch. NR140 Preventive Action Limits (PAL) and Enforcement Standards (ES). Twenty-seven of the 49 groundwater monitoring wells had one or more VOC concentration detected above NR140 standards in the samples collected during the May 2008 event. Of these 27 wells, 16 groundwater well samples had one or more VOC concentrations detected in excess of the ES. NR140 exceedances are listed in the attached exceedance summary table and are discussed below.

- Benzene was detected in excess of the PAL in the samples collected from P-8S, P-9D, P-16D, P-17S, P-21D. These wells are located immediately surrounding the facility and are in close proximity to the limits of waste. The benzene detections are within the range of historic data.

- Cis-1,2-dichloroethene was detected in excess of the PAL in the samples collected from P-8S, P-17S, and P-21D. These wells are located in close proximity to the limits of waste. The concentrations of cis-1,2-dichloroethane in the samples collected from P-8S and P-17S are increased from those reported during recent events, but are within the range of historic data. The concentration of cis-1,2-dichloroethene in the samples collected from P-21D is similar to historic data.

- The VOC 1,2-dichloropropane was detected in excess of the PAL in the samples collected from P-9D and P-17S. These wells are located in close proximity to the limits of waste. The concentration in the sample collected from P-9D is are similar to recent analytical data. The concentration of 1,2-dichloropropane in the samples collected from P-17S have been decreasing over time.

- Concentrations of tetrachloroethene in excess of the PAL were detected in samples collected from nine monitoring wells in May 2009 (P-8D, P-17S, P-22D, P-22S, P-26S, P-25BR, P-26S, P-28S, and P-40I). Concentrations of tetrachloroethene in excess of the ES were detected in the samples collected from an additional six monitoring wells (P-18S, P-23S, P-27S, P-27D, P-31IA, and P-31IB). Detections of tetrachloroethene are widespread at the facility and are similar to or reduced from historic data. Groundwater samples with the highest concentrations of tetrachloroethene (i.e. P27D/S and P-18S) are closest in proximity to the closed, unlined facility.

- Tetrahydrofuran was detected in excess of the PAL in the sample collected from P-16D, and in excess of the ES in the samples collected from P-9D and P-21D. Concentrations of tetrahydrofuran in these downgradient wells are within the range of historic data.

- Trichloroethene concentrations exceeded the PAL in the samples collected from 15 groundwater monitoring wells (P-8S, P-9S, P-9D, P-16D, P-18S, P-21BR, P-22S, P-22D, P-22E, P-25D, P-26S, P-27S, P-31IA, P-31IB, and P-40I) and exceeded the ES in the sample collected from P-17S and P-27D. The trichloroethene concentrations are highest in the wells located around the facility (i.e. P-17S and P-27D). Concentrations of trichloroethene in the samples collected from P-9S and P-21BR located immediately surrounding the facility were increased from recent analytical data. The remaining concentrations are similar to or reduced from recent analytical data and many have displayed decreasing trends over time.

- Concentrations of vinyl chloride were detected in excess of the NR140 ES during the May 2009 event in the samples collected from groundwater monitoring wells P-17S, P-21D, P-24D, and P-24E. The vinyl chloride concentrations are related to landfill gas migration from the closed, unlined facility. Vinyl chloride concentrations in the samples collected from P-21D, P-24D, and P-17S are within the range of historic data. The vinyl chloride concentrations in the samples collected from P-24E have been decreasing over time. Gas wells along the perimeter and interior of the landfill should be adjusted to increase the flow (vacuum) applied to the gas wells to minimize landfill gas migration.

- Two of the eight private wells sampled for VOCs (PW-Noles and PW-Stoppleworth) had concentrations of tetrachloroethene and trichloroethene detected in excess of NR140 standards. The concentrations of tetrachloroethene in the sample collected from PW-Noles also exceeded the Maximum Contaminant Level (MCL) established by the US EPA for drinking water. The tetrachloroethene and trichloroethene concentrations in the PW-Noles and PW-Stoppleworth samples were similar to historic data. Additional low-level VOCs detected at these wells were consistent with historic data and were below NR140 standards and EPA MCLs.

Additional Information

Several VOCs were detected in excess of NR140 standards, but were between the laboratory limit of detection (LOD) and limit of quantitation (LOQ). These concentrations between the LOD and LOQ are not considered exceedances in accordance with NR140.14 and have not been included in the attached exceedance summary. These VOCs above NR140 standards, but below the laboratory LOQ were detected at the following locations: chloromethane (P-16S/D, P-17S, P-18S, P-21S/D/BR, P-23D, P-24D, P-26D, P-27S, P-28S, P-30D,P-32D, P-40I, P-41D, PW-Bonk, PW-Bula, PW-Noles, PW-Sather, PW-Summer, PW-Tantrow/Thompson, and PW-Wheat/Krueger); 1,2-dichloropropane (P-16D); tetrachloroethene (P-8S, P-9S, P-22E, P-25D, P-23D, P-29S, and P-40D); tetrahydrofuran (P-8S); trichloroethene (P-8BR); and vinyl chloride (P-8S, P-9D, P-16D, P-25D, P-26S/D). The chloromethane concentrations detected in the samples listed above are not consistent with historic data and may be attributed to contaminated sample glassware or preservative. Chloromethane was also detected at a concentration below the LOQ in the sample collected from the QA/QC field blank (FB-01) sample. The remaining low-level VOCs detected are similar to data collected over the period of record.

Low-level VOCs detected at concentrations less than the NR140 PAL were not discussed above, but are included on the electronic data file submitted with this report. Laboratory analytical data for all of the groundwater and private wells sampled during the May 2009 event are also included on the enclosed CD.

The following ten groundwater monitoring wells did not contain VOCs at or above the LOD during the May 2009 event: P-25S, P-30I, P-31D, P-31S, P-32D, P-33D, P-34D, P-43D, P-43I, and P-43S. Aside from the chloromethane detections likely related to sample bottle/preservative contamination, no VOCs were detected from the following six drinking water wells: PW-Bonk, PW-Bula, PW-Sather, PW-Summers, PW-Wheat/Krueger, and PW-Tantrow/Thompson.

The next semi-annual monitoring event is scheduled for November 2009. At this time there are no proposed changes to the monitoring program. ESC prepared a proposal to install identification tag and to replace the locks at the facility. Pending approval of this proposal, the repairs and improvements will be conducted in conjunction with the November 2009 event.

Please contact Frank Perugini or me at 414-427-5033 if you have any questions regarding this submittal.

Sincerely,

Environmental Sampling Corporation

Tracy Ipavec
Sr. Environmental Specialist

Enclosures

cc: Mr. Frank Perugini - ESC

REFUSE HIDEAWAY LANDFILL
WDNR License #01953
Exceedance Summary - May 2009

Well ID (WDNR ID)	Date	P-Code	Parameter	PAL / ES (ug/L)	Result (ug/L)	Exceedance
P-21D (113)	05/27/09	34030	Benzene	0.5 / 5	1.2	PAL
		39175	Vinyl Chloride	0.02 / 0.2	9.3	ES
		77093	cis-1,2-Dichloroethene	7 / 70	33	PAL
		81607	Tetrahydrofuran	10 / 50	52	ES
P-8D (114)	05/27/09	34475	Tetrachloroethene	0.5 / 5	0.96	PAL
P-24D (115)	05/27/09	39175	Vinyl Chloride	0.02 / 0.2	6.6	ES
P-24E (116)	05/27/09	39175	Vinyl Chloride	0.02 / 0.2	2.6	ES
P-25D (118)	05/27/09	39180	Trichloroethene	0.5 / 5	0.87	PAL
P-25BR (119)	05/27/09	34475	Tetrachloroethene	0.5 / 5	2.2	PAL
P-27S (121)	05/26/09	34475	Tetrachloroethene	0.5 / 5	6.7	ES
		39180	Trichloroethene	0.5 / 5	0.84	PAL
P-27D (122)	05/26/09	34475	Tetrachloroethene	0.5 / 5	46	ES
		39180	Trichloroethene	0.5 / 5	8.7	ES
P-28S (123)	05/27/09	34475	Tetrachloroethene	0.5 / 5	4.8	PAL
P-8S (125)	05/27/09	34030	Benzene	0.5 / 5	0.77	PAL
		39180	Trichloroethene	0.5 / 5	0.77	PAL
		77093	cis-1,2-Dichloroethene	7 / 70	15	PAL
P-16D (127)	05/27/09	34030	Benzene	0.5 / 5	3.4	PAL
		39180	Trichloroethene	0.5 / 5	0.74	PAL
		81607	Tetrahydrofuran	10 / 50	46	PAL
P-17S (128)	05/28/09	34030	Benzene	0.5 / 5	0.79	PAL
		34475	Tetrachloroethene	0.5 / 5	4.5	PAL
		34541	1,2-Dichloropropane	0.5 / 5	1.2	PAL
		39175	Vinyl Chloride	0.02 / 0.2	6.6	ES
		39180	Trichloroethene	0.5 / 5	10	ES
		77093	cis-1,2-Dichloroethene	7 / 70	81	ES
P-18S (129)	05/28/09	34475	Tetrachloroethene	0.5 / 5	10	ES
		39180	Trichloroethene	0.5 / 5	1.4	PAL
P-21BR (134)	05/27/09	34475	Trichloroethene	0.5 / 5	0.71	PAL
P-22S (135)	05/27/09	34475	Tetrachloroethene	0.5 / 5	2.1	PAL
		39180	Trichloroethene	0.5 / 5	0.72	PAL
P-22D (136)	05/27/09	34475	Tetrachloroethene	0.5 / 5	2.8	PAL
		39180	Trichloroethene	0.5 / 5	0.66	PAL
P-23S (137)	05/28/09	34475	Tetrachloroethene	0.5 / 5	5.6	ES
P-9S (139)	05/27/09	39180	Trichloroethene	0.5 / 5	0.65	PAL
P-9D (140)	05/27/09	34030	Benzene	0.5 / 5	3.2	PAL
		34541	1,2-Dichloropropane	0.5 / 5	1.7	PAL
		39180	Trichloroethene	0.5 / 5	0.97	PAL
		81607	Tetrahydrofuran	10 / 50	56	ES

REFUSE HIDEAWAY LANDFILL
WDNR License #01953
Exceedance Summary - May 2009

Well ID (WDNR ID)	Date	P-Code	Parameter	PAL / ES (ug/L)	Result (ug/L)	Exceedance
P-26S (141)	05/26/09	34475	Tetrachloroethene	0.5 / 5	1.5	PAL
		39180	Trichloroethene	0.5 / 5	0.96	PAL
P-31IA (146)	05/26/09	34475	Tetrachloroethene	0.5 / 5	5.9	ES
		39180	Trichloroethene	0.5 / 5	1.9	PAL
P-31IB (147)	05/26/09	34475	Tetrachloroethene	0.5 / 5	5.7	ES
		39180	Trichloroethene	0.5 / 5	1.9	PAL
P-40I (162)	05/26/09	34475	Tetrachloroethene	0.5 / 5	4.9	PAL
		39180	Trichloroethene	0.5 / 5	1.3	PAL
P-20SR (167)	05/28/09	34475	Tetrachloroethene	0.5 / 5	2.4	PAL
P-22E (174)	05/27/09	39180	Trichloroethene	0.5 / 5	0.61	PAL
Stoppleworth	05/28/09	34475	Tetrachloroethene	0.5 / 5	3.5	PAL
(311)		39180	Trichloroethene	0.5 / 5	0.74	PAL
Noles	05/28/09	34475	Tetrachloroethene	0.5 / 5	5.6	ES
(312)		39180	Trichloroethene	0.5 / 5	2.2	PAL

Notes:

ug/L = micrograms per liter

ES = NR 140 Enforcement Standard

PAL = NR140 Preventive Action Limit

The VOC concentrations detected above NR140 standards but below the laboratory limit of quantitation are not considered exceedances under NR140.14 and have not been included in the exceedance summary. The following VOCs were detected in the samples collected from the wells listed below at concentrations that were greater than NR140 standards, but less than the respective LOQs.

Chloromethane: P-16S/D, P-17S, P-18S, P-21S/D/BR, P-23D, P-24D, P-26D, P-27S, P-28S, P-30D, P-32D, P-40I, P-41D, PW-Noles, PW-Sather, PW-Bonk, PW-Bula, PW-Wheat/Krueger, PW-Tantrow/Thompson, PW-Summers

1,2-Dichloropropane: P-16D

Tetrachloroethene: P-8S, P-9S, P-22E, P-23D, P-25D, P-29S, P-40D

Tetrahydrofuran: P-8S

Trichloroethene: P-8BR

Vinyl Chloride: P-8S, P-9D, P-16D, P-25D, P-26S/D

State of Wisconsin
Department of Natural Resources

Environmental Monitoring Data Certification

Form 4400-231(R 1/04)

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/3
  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):

Environmental Sampling Corporation

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

Name: Tracy Ipavec Phone: (414) 427-5033

E-mail: escstaff@yahoo.com

Facility name:	License # / Monitoring ID	Facility ID [FID]	Actual sampling dates (e.g., July 2-6, 2003)
Refuse Hideaway Landfill	01953	113112010	May 26-28, 2009

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

May 2009

Type of Data Submitted (Check all that apply)

- [x] Groundwater monitoring data from monitoring wells
- [x] Groundwater monitoring data from private water supply wells
- [ ] Leachate monitoring data
- [ ] Gas monitoring data
- [ ] Air monitoring data
- [ ] Other (specify)

Notification attached?

- [ ] No. No groundwater standards or explosive gas limits were exceeded.
- [x] 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.

Tracy Ipavec	Sr. Environmental Specialist	(414) 427-5033
Facility Representative Name (Print)	Title	(Area Code) Telephone No.
Tracy Ipavec	07/23/09	
Signature	Date	

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

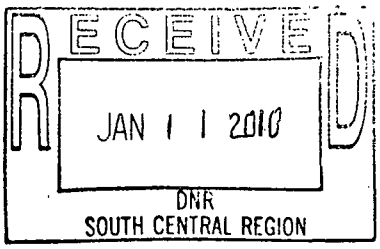
- [ ] **Found uploading problems on** _____ **Initials** _____
- [ ] **Notified contact of problems on** _____ **Uploaded data successfully on** _____

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

ENVIRONMENTAL SAMPLING CORPORATION

Dedicated to Environmental Monitoring, Science & Technology

December 31, 2009



Mr. Harlan Kuehling, P.G.
Wisconsin Department of Natural Resources
3911 Fish Hatchery Road
Fitchburg, WI 53711

Re: Refuse Hideaway Landfill – Middleton, WI (License #01953)
November 2009 Laboratory Analytical Results

Dear Mr. Kuehling:

Enclosed please find the data file, exceedance summary, and data certification page for the groundwater and private well monitoring conducted at the Refuse Hideaway Landfill (RHL) in November 2009. As requested, an electronic copy of the laboratory analytical data is included on the enclosed CD.

In accordance with the Scope of Work for Groundwater Sampling at RHL, revised March 2007, Environmental Sampling Corporation (ESC) staff was on site November 9-10, 2009 to collect samples from 23 groundwater monitoring wells and nine private wells. ESC staff also collected groundwater elevation measurements from an additional 38 groundwater monitoring wells. The groundwater and drinking water samples collected were packed on ice and shipped to CT Laboratories (WI cert. #157066030) for analysis. In accordance with ESC's QA/QC procedures a trip blank, duplicate sample (collected at P-30D), and a field blank were included with the shipment.

NR140 Exceedances

Laboratory analytical results were compared to the WDNR Ch. NR140 Preventive Action Limits (PAL) and Enforcement Standards (ES). NR140 exceedances are listed in the attached exceedance summary table and are discussed below.

- Cis-1,2-dichloroethene was detected in excess of the PAL in the sample collected from P-17S in November 2009. This well is located in close proximity to the limits of waste. The concentration of cis-1,2-dichloroethane is similar to analytical data from the past ten years, but is greatly reduced from the concentrations reported in the samples collected from P-17S in 1992. This analyte was not detected at concentrations above NR140 standards at any of the other wells sampled in November 2009.

- The VOC 1,2-dichloropropane was detected in excess of the PAL in the sample collected from P-17S in November 2009. As indicated previously, this well is located in close proximity to the limits of waste. The concentrations of 1,2-dichloropropane in the samples collected from P-17S have been decreasing over time. This analyte was not detected at concentrations above NR140 standards at any of the other wells sampled in November 2009.

- Dichloromethane (methylene chloride) was detected at a concentration greater than the PAL in the sample collected from P-27D. Dichloromethane has not previously been detected in samples collected from this well. Dichloromethane is a common laboratory solvent and may be present in this sample as a result of laboratory contamination.

- Concentrations of vinyl chloride were detected in excess of the NR140 ES during the November 2009 event in the samples collected from groundwater monitoring wells P-17S, and P-26S. The vinyl chloride concentrations are related to landfill gas migration from the closed, unlined facility. Vinyl chloride concentrations in the samples collected in November 2009 are similar to or reduced from recent data and display a decreasing trend over time. Gas wells along the perimeter and interior of the landfill should be adjusted to increase the flow (vacuum) applied to the gas wells to minimize landfill gas migration.

- Concentrations of tetrachloroethene in excess of the PAL were detected in samples collected from eight monitoring wells (P-17S, P-20SR, P-22D, P-22S, P-23S, P-25BR, P-27D, and P-40I) and two private wells (PW-Noles and PW-Stoppleworth) in November 2009. Concentrations of tetrachloroethene in excess of the ES were detected in the samples collected from an additional five monitoring wells (P-18S, P-26S, P-27S, P-31IA, and P-31IB). Detections of tetrachloroethene are widespread at the facility and in most cases are similar to or reduced from historic data. Groundwater samples with the highest concentrations of tetrachloroethene (i.e. P-18S and P-26S) were collected from wells that are in close proximity to the closed, unlined facility. The tetrachloroethene concentrations detected in the private well samples were consistent with historic data.

- Trichloroethene concentrations exceeded the PAL in the samples collected from 11 groundwater monitoring wells (P-18S, P-22D, P-22E, P-22S, P-25D, P-26S, P-27D, P-27S, P-31IA, P-31IB, and P-40I) and two private wells ((PW-Noles and PW-Stoppleworth) and exceeded the ES in the sample collected from P-17S. The trichloroethene concentrations are highest in the wells located around the facility (i.e. P-17S). Concentrations detected in the groundwater and private well samples are similar to or reduced from recent analytical data and many have displayed decreasing trends over time.

- Chloromethane was detected in excess of the NR140 PAL in the sample collected from groundwater monitoring well P-30D and four private wells (PW-Weber, PW-Wagner, PW-Stoppleworth, and PW-Noles). Chloromethane was also detected in the laboratory method blank, the trip blank, and the field blank; the reported concentrations were flagged as such on the laboratory report. Chloromethane concentrations greater than the LOQ are not consistent with historic data collected from these locations; the chloromethane concentrations may be attributed to contaminated sample glassware or preservative and do not likely represent the actual groundwater/drinking water quality.

Additional Information

Several VOCs were detected in excess of NR140 standards, but were between the laboratory limit of detection (LOD) and limit of quantitation (LOQ). These concentrations between the LOD and LOQ are not considered exceedances in accordance with NR140.14 and have not been

included in the attached exceedance summary. These VOCs above NR140 standards, but below the laboratory LOQ were detected at the following locations: chloromethane (P-17S, P-18S, P-20SR, P-22D/E/S, P-23D, P-25D, P-25BR, P-26S, P-27S, P-30I, P-31D/IA/IB, P-40D/I, P-43I/S, PW-Sather, PW-Sommers, PW-Durand, PW-Matush, PW-Rounds); tetrachloroethene (P-23D/E and P-25D); and vinyl chloride (P-25D). Concentrations of tetrachloroethene and vinyl chloride are similar to data collected over the period of record. Concentrations of chloromethane were also detected in the laboratory method blank, trip blank, and the field blank and were flagged on the laboratory analytical report. The concentrations of chloromethane may be attributed to contaminated sample glassware or preservative.

Low-level VOCs detected at concentrations that were less than the NR140 PAL were not discussed above, but are included on the electronic data file submitted with this report. These low-level VOCs were detected in the groundwater samples and two of the drinking water samples (PW-Stoppleworth and PW-Noles) Laboratory analytical data for all of the groundwater and private wells sampled during the November 2009 event are also included on the enclosed CD.

The next semi-annual monitoring event is scheduled for May 2010. At this time there are no proposed changes to the monitoring program. ESC previously submitted a proposal to install identification tags and replace the locks at the facility. Pending approval of this proposal, the repairs and improvements will be conducted in conjunction with the May 2010 event.

Please contact Frank Perugini or me at 414-427-5033 if you have any questions regarding this submittal.

Sincerely,

Environmental Sampling Corporation

Tracy Ipavec
Sr. Environmental Specialist

Enclosures

cc: Mr. Frank Perugini - ESC

REFUSE HIDEAWAY LANDFILL
WDNR License #01953
Exceedance Summary - November 2009

Well ID (WDNR ID)	Date	P-Code	Parameter	PAL / ES (ug/L)	Result (ug/L)	Exceedance
P-25D (118)	11/09/09	39180	Trichloroethene	0.5 / 5	0.69	PAL
P-25BR (119)	11/09/09	34475	Tetrachloroethene	0.5 / 5	1.90	PAL
P-27S (121)	11/10/09	34475	Tetrachloroethene	0.5 / 5	5.90	ES
		39180	Trichloroethene	0.5 / 5	1.00	PAL
P-27D (122)	11/10/09	34423	Dichloromethane	0.5 / 5	0.50	PAL
		34475	Tetrachloroethene	0.5 / 5	4.30	PAL
		39180	Trichloroethene	0.5 / 5	1.30	PAL
P-17S (128)	11/10/09	34475	Tetrachloroethene	0.5 / 5	3.00	PAL
		34541	1,2-Dichloropropane	0.5 / 5	0.89	PAL
		39175	Vinyl Chloride	0.02 / 0.2	5.80	ES
		39180	Trichloroethene	0.5 / 5	6.70	ES
		77093	cis-1,2-Dichloroethene	7 / 70	64.0	PAL
P-18S (129)	11/10/09	34475	Tetrachloroethene	0.5 / 5	12.0	ES
		39180	Trichloroethene	0.5 / 5	1.80	PAL
P-22S (135)	11/09/09	34475	Tetrachloroethene	0.5 / 5	3.10	PAL
		39180	Trichloroethene	0.5 / 5	1.20	PAL
P-22D (136)	11/09/09	34475	Tetrachloroethene	0.5 / 5	2.50	PAL
		39180	Trichloroethene	0.5 / 5	0.74	PAL
P-23S (137)	11/10/09	34475	Tetrachloroethene	0.5 / 5	4.80	PAL
P-26S (141)	11/10/09	34475	Tetrachloroethene	0.5 / 5	15.0	ES
		39175	Vinyl Chloride	0.02 / 0.2	0.60	ES
		39180	Trichloroethene	0.5 / 5	2.20	PAL
P-31IA (146)	11/09/09	34475	Tetrachloroethene	0.5 / 5	5.90	ES
		39180	Trichloroethene	0.5 / 5	2.10	PAL
P-31IB (147)	11/09/09	34475	Tetrachloroethene	0.5 / 5	5.90	ES
		39180	Trichloroethene	0.5 / 5	2.00	PAL
P-40I (162)	11/10/09	34475	Tetrachloroethene	0.5 / 5	4.80	PAL
		39180	Trichloroethene	0.5 / 5	1.20	PAL
P-20SR (167)	11/10/09	34475	Tetrachloroethene	0.5 / 5	2.10	PAL
P-30D (169) / DUP-01	11/10/09	34418	Chloromethane	0.3 / 3	1.5 B / 1.3 B	PAL
P-22E (174)	11/09/09	39180	Trichloroethene	0.5 / 5	0.74	PAL

REFUSE HIDEAWAY LANDFILL
WDNR License #01953
Exceedance Summary - November 2009

Well ID (WDNR ID)	Date	P-Code	Parameter	PAL / ES (ug/L)	Result (ug/L)	Exceedance
Weber (306)	11/09/09	34418	Chloromethane	0.3 / 3	0.89 B	PAL
Wagner (309)	11/09/09	34418	Chloromethane	0.3 / 3	0.87 B	PAL
Stoppleworth	11/09/09	34418	Chloromethane	0.3 / 3	0.87 B	PAL
(311)		34475	Tetrachloroethene	0.5 / 5	3.30	PAL
		39180	Trichloroethene	0.5 / 5	0.58	PAL
Noles	11/09/09	34418	Chloromethane	0.3 / 3	0.89 B	PAL
(312)		34475	Tetrachloroethene	0.5 / 5	4.30	PAL
		39180	Trichloroethene	0.5 / 5	1.80	PAL

Notes:

ug/L = micrograms per liter

B - Analyte was detected in the laboratory method blank, trip blank, and field blank.

ES = NR 140 Enforcement Standard

PAL = NR140 Preventive Action Limit

The VOC concentrations detected above NR140 standards but below the laboratory limit of quantitation are not considered exceedances under NR140.14 and have not been included in the exceedance summary. The following VOCs were detected in the samples collected from the wells listed below at concentrations that were greater than NR140 standards, but less than the respective LOQs.

Chloromethane: P-17S, P-18S, P-20SR, P-22D/E/S, P-23D, P-25D, P-25BR, P-26S, P-27S, P-30I, P-31D/IA/IB, P-40D/I, P-43I/S, PW-Sather, PW-Sommers, PW-Durand, PW-Matush, PW-Rounds

Tetrachloroethene: P-22E, P-23D, P-25D

Vinyl Chloride: P-25D

State of Wisconsin
Department of Natural Resources

Environmental Monitoring Data Certification

Form 4400-231(R 1/04)

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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/3
  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):

Environmental Sampling Corporation

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

Name: Tracy Ipavec Phone: (414) 427-5033

E-mail: escstaff@yahoo.com

Facility name:	License # / Monitoring ID	Facility ID [FID]	Actual sampling dates (e.g., July 2-6, 2003)
WDNR Refuse Hideaway Landfill	01953	113112010	November 9-10, 2009

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

November 2009

Type of Data Submitted (Check all that apply)

- [x] Groundwater monitoring data from monitoring wells
- [x] Groundwater monitoring data from private water supply wells
- [ ] Leachate monitoring data
- [ ] Gas monitoring data
- [ ] Air monitoring data
- [ ] Other (specify)

Notification attached?

- [ ] No. No groundwater standards or explosive gas limits were exceeded.
- [x] 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.

Tracy Ipavec	Sr. Environmental Specialist	(414) 427-5033
Facility Representative Name (Print)	Title	(Area Code) Telephone No.

Tracy Ipavec 12/31/09

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** 2/8/10 VB

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

Kuehling, Harlan H - DNR

From: Environmental Sampling Corp. [escstaff@yahoo.com]
Sent: Wednesday, December 16, 2009 4:11 PM
To: Kuehling, Harlan H - DNR
Cc: Frank Perugini
Subject: November 2009 private well monitoring results
Attachments: 76316_11.09_PWs.pdf

Hi Hank,
Below is a summary of the November 2009 private well monitoring results for Refuse Hideaway Landfill. I will also be sending a groundwater report to summarize the monitoring event and will include a CD with the .pdf files of the laboratory analytical reports.

One VOC - Chloromethane:
PW-Weber
PW-Sommers *
PW-Sather *
PW-Matush *
PW-Durand *
PW-Wagner
PW-Rounds *

Chloromethane was also detected in the laboratory method blank and the laboratory trip blank. The low-level chloromethane concentrations detected in the samples collected from these private wells are likely due to sample bottle/preservative contamination and do not represent the actual drinking water quality at these locations. The * symbol above indicates concentrations that were reported between the LOD and LOQ. No other VOCs were detected in the samples collected from these wells.

Several VOCs:
PW-Noles:
Flagged value between LOD and LOQ: 1,1,-dichloroethane
Values > LOQ: cis-1,2-dichloroethene, chloromethane (detected in QA/QC samples), dichlorodifluoromethane, tetrachloroethene, trichloroethene

PW-Stoppleworth:
Flagged value between LOD and LOQ: chloromethane (detected in QA/QC samples), dichlorodifluoromethane, trichloroethene
Values > LOQ: cis-1,2-dichloroethene, tetrachloroethene

Note that all VOC concentrations were below the EPA MCL and/or WDNR ES.

I have attached the VOC results for the private wells for your information. This data will also be included on the CD of laboratory analtyical reports that you will receive with the groundwater monitoring report. Please let me know if you have any questions or need any additional information.

Thank you,
Tracy Ipavec

Environmental Sampling Corporation
W125 S9808 North Cape Road
Muskego, WI 53150
(414)427-5033
www.environmentalsamplingcorp.com

Environmental Sampling Corp. (ESC)
Field Status Report – November 2009

COPY

WDNR / Refuse Hideaway Landfill
Middleton, Wisconsin

Task	Sampling Period / Date	Sample Type / Description
I	11/9/09 – 11/10/09	Groundwater Sampling
II	11/9/09	Residential Well Sampling
III	11/9/09	Groundwater Elevations

Project Status

I. *Groundwater Sampling:* ESC staff was on site November 9-10, 2009 to sample the following groundwater monitoring wells: P-17S, P-18S, P-20SR, P-22D, P-22S, P-22E, P-23D, P-23S, P-25BR, P-25D, P-26S, P-27D, P-27S, P-30D, P-30I, P-31D, P-31IA, P-31IB, P-40D, P-40I, P-43S, P-43I and P-43D. Groundwater elevations were recorded and the wells were purged and sampled using submersible electric pumps, dedicated bladder pumps or bailers. One duplicate sample (DUP01= P-30D) was collected in accordance with ESC's QA/QC procedures. A field blank (FB-01) was collected near P-18S. Several laboratory trip blanks also accompanied the samples.

II. *Residential Well Sampling:* ESC staff was on site November 9, 2009 to collect nine residential drinking water supply well samples (PW-Sather, PW-Matush, PW-Sommers, PW-Durand, PW-Wagner, PW-Weber, PW-Rounds, PW-Stoppleworth, & PW-Noles). One trip blank accompanied the samples in accordance with ESC's QA/QC procedures.

III. *Groundwater Elevations:* ESC staff was on site November 9-10, 2009 to collect the groundwater elevations from the remaining 38 monitoring wells that were not required to be sampled during the November event. Results were recorded on ESC's Field Sheet.

Task Deviations and Reporting Turnaround

Test results will be available in approximately 30 days.

Field Observations

- DUP-01 = P-30D

Proposed Additional Actions

- Replace broken bladders in groundwater monitoring wells P-22S, P-25BR, and P-31S prior to the May 2010 event.
- Order and install new locks and identification signs.

Other Observations

- None.

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Page 1 of 3

Company: ESC
Project Contact: Frank Perugini
Telephone: 414-427-5033
Project Name: Refuse Hideaway LF
Project #: 11/09
Location: Middleton, WI
Sampled By: Scott Freimark

CT LABORATORIES

1230 Lange Court, Baraboo, WI 53913
608-356-2760 Fax 608-356-2766
www.ctlaboratories.com

Lab Use Only
Place Header Sticker Here:

Program:
QSM RCRA SDWA NPDES
Solid Waste Other _____

PO #

Report To: Scott Freimark
EMAIL: escstaff@yahoo.com
Company: ESC
Address: W 235 S7808 Northcape Rd Muskego, WI 53150
Invoice To:* Frank Perugini
EMAIL: escstaff@yahoo.com
Company: ESC
Address: P.O. Box 12 Muskego WI 53150

**Party listed is responsible for payment of invoice as per CT Laboratories' terms and conditions*

Client Special Instructions
Please use the attached sheets for analytical request

Matrix:
GW - groundwater SW - surface water WW - wastewater DW - drinking water
S - soil/sediment SL - sludge A - air M - misc/waste

Collection Date	Collection Time	Matrix	Grab/ Comp	Sample ID Description	Filtered? Y/N	ANALYSES REQUESTED: V-HAL (VOCs 8260)	Total # Containers	Designated MS/MSD	CT Lab ID # (Lab use only)
11/9	1215	GW	G	P-22D	N	3	3		
↓	1350	GW		P-22E	N	3	3		
11/9	1140	GW		P-22S	N	3	3		
11/10	0830	GW		P-43D	N	3	3		
11/9	1540	GW		P-43I	N	3	3		
11/9	1530	GW		P-43S	N	3	3		
11/10	1140	GW		P-26S	N	2	2		
↓	0945	GW		P-27D	N	2	2		
11/10	0930	GW	↓	P-27S	N	2	2		
11/10	1200	GW	G	FB-01	N	3	3		
11/9	1620	GW	G	P-25BR	N	3	3		
11/9	1610	GW	G	P-25D	N	3	3		

Fill in Spaces with Bottles per Test

Turnaround Time
Normal RUSH*
Date Needed: _____
Rush analysis requires prior CT Laboratories' approval
Surcharges:
24 hr 200%
2-3 days 100%
4-9 days 50%

Relinquished By:	Date/Time	Received By:	Date/Time
[signature]	11/10/09 1700		
Received by:	Date/Time	Received for Laboratory by:	Date/Time

Lab Use Only
Ice Present Yes No
Temperature _____
Cooler # _____

Rev. 3/2006

Chain of Custody

Page 2 of 3

Company: ESC
Project Contact: Frank Perugini
Telephone: 414 4275033
Project Name: R&R
Project Number: 11/09 event
Project Location: Madison, WI
Sampled By: Jeremy McIntyre

Regulatory Program:
UST RCRA SDWA NPDES
Solid Waste Other _____

CTLaboratories
1230 Lange Court, Baraboo, WI 53913
608-356-2760 Fax 608-356-2766
www.ctlaboratories.com

Turnaround Time
Normal RUSH*
Date Needed _____

*Notify Lab prior to sending in RUSH samples. Surcharges:
24 hr 200% 2-3 days 100% 4-9 days 50%, subject to change without notice.

Lab Use Only
Place Header Sticker Here:

Mail Report To: Frank Perugini
Company: ESC
Address: PO Box 12
City/State/Zip: Muskego, WI 53150

Invoice To: Frank Perugini
Company: ESC
Address: PO Box 12
City/State/Zip: Muskego, WI 53150

PO No.

Client Special Instructions:
See attached for analytical request.

Landfill License Number: #01953

Filt? Y (N)

Collection Date	Collection Time	Grab/ Comp	Sample ID Description	WDNR Well ID #	**Matrix:	V-HCl (VOCs 8260)							Total # of Containers	Preservation*	Lab ID #
				Fill in Spaces with Bottles per Test											
11/10/09	1320	G	P-18S		GW	3							3	B	
11/10/09	0905	G	P-30D			3							3	B	
11/10/09	0940	G	P-30I			3							3	B	
11/09/09	1255	G	P-31D			3							3	B	
↓	1320	G	P-31IA			3							3	B	
↓	1340	G	P-31IB			3							3	B	
11/09/09	~~1240~~	~~G~~	~~P-31S~~ (TI)			~~3~~ (TI)						(TI)	~~3~~	~~B~~	
↓	1145	G	P-40D			3							3	B	
11/09/09	1130	G	P-40I			3							3	B	
11/10/09	1130	G	P-20SR			3							3	B	
↓	1150	G	P-23D		↓	3							3	B	
11/10/09	1040	G	P-23S		GW	3							3	B	
11/10/09	1300	G	P-17S		GW	3							3	B	

Relinquished By:	Date/Time	Relinquished By:	Date/Time
Jeremy McIntyre	11/10/09 1700		
Received by:	Date/Time	Received for Laboratory by:	Date/Time

Ice Present Yes No
Temperature _____
Cooler # _____

**Matrix
S-Soil A-Air SI-Sludge M-Misc Waste
GW-Groundwater SW-Surface Water
WW-Wastewater DW-Drinking Water

* Preservation Code
A=None B=HCL
C=H2SO4 D=HNO3
E=Encore F=Methanol
G=NaOH
O=Other _____

Rev. 3/2006

Chain of Custody

Page 3 of 3

Company: ESC
Project Contact: Frank Perugini
Telephone: 414 4275033
Project Name: RHL
Project Number: 11/09 event
Project Location: Madison, WI
Sampled By: Jeremy McIntyre

Regulatory Program:
UST RCRA SDWA NPDES
Solid Waste Other _____

CTLaboratories
1230 Lange Court, Baraboo, WI 53913
608-356-2760 Fax 608-356-2766
www.ctlaboratories.com

Turnaround Time
Normal RUSH*
Date Needed _____

*Notify Lab prior to sending in RUSH samples. Surcharges:
24 hr 200% 2-3 days 100% 4-9 days 50%, subject to change without notice.

Lab Use Only
Place Header Sticker Here:

Mail Report To: Frank Perugini
Company: ESC
Address: PO Box 12
City/State/Zip: Muskego, WI 53150

Invoice To: (Same as above)
Company:
Address:
City/State/Zip:

PO No.

Client Special Instructions:
See attached for analytical requests.

Landfill License Number: #01953

Filt? Y N

Collection Date	Collection Time	Grab/ Comp	Sample ID Description	WDNR Well ID #	**Matrix	V-Hal (VOCs-8260)							Total # of Containers	Preservation*	Lab ID #
				Fill in Spaces with Bottles per Test											
11/10/09	0905	G	DUP-01	—	DW	3							3	B	

* Preservation Code
A=None B=HCL
C=H2SO4 D=HNO3
E=Encore F=Methanol
G=NaOH
O=Other _____

Relinquished By:	Date/Time	Relinquished By:	Date/Time
Jeremy McIntyre	11/10/09 1700		
Received by:	Date/Time	Received for Laboratory by:	Date/Time

Ice Present Yes No
Temperature _____
Cooler # _____

**Matrix
S-Soil A-Air Sl-Sludge M-Misc Waste
GW-Groundwater SW-Surface Water
WW-Wastewater DW-Drinking Water

Rev. 3/2006

Chain of Custody

Page 1 of 1

Company: ESC
Project Contact: Frank Perugini
Telephone: 414 4275033
Project Name: R+R
Project Number: 11/09 event
Project Location: Madison, WI
Sampled By: Tracy Ipavec

Regulatory Program:
UST RCRA SDWA NPDES
Solid Waste Other _____

CTLaboratories
1230 Lange Court, Baraboo, WI 53913
608-356-2760 Fax 608-356-2766
www.ctlaboratories.com

Turnaround Time
Normal RUSH*
Date Needed _____

*Notify Lab prior to sending in RUSH samples. Surcharges:
24 hr 200% 2-3 days 100% 4-9 days 50%,
subject to change without notice.

Lab Use Only
Place Header Sticker Here:

Mail Report To: Frank Perugini
Company: ESC
Address: PO Box 12
City/State/Zip: Muskego, WI 53150

Invoice To: Frank Perugini
Company: ESC
Address: PO Box 12
City/State/Zip: Muskego, WI 53150

PO No.

Client Special Instructions:

Landfill License Number: #01953

Filt? Y/N

Collection Date	Collection Time	Grab/ Comp	Sample ID Description	WDNR Well ID #	**Matrix	V-Hal -VOCs (524.2)								Total # of Containers	Preservation*	Lab ID #
				Fill in Spaces with Bottles per Test												
11/9/09	1015	G	PW-Stoppleworth	311	DW	3								3	B	
	1025	G	PW-Noles	312	DW	3								3	B	
	1115	G	PW-Weber	306	DW	3								3	B	
	1125	G	PW-Sommers	307	DW	3								3	B	
	1140	G	PW-Sather	300	DW	3								3	B	
	1210	G	PW-Matush	310	DW	3								3	B	
	1215	G	PW-Durand	308	DW	3								3	B	
	1250	G	PW-Wagner	309	DW	3								3	B	
	1315	G	PW-Rounds	315	DW	3								3	B	
11/9/09	—	G	Trip Blank	—	DW	1								1	B	

* Preservation Code
A=None B=HCL
C=H2SO4 D=HNO3
E=Encore F=Methanol
G=NaOH
O=Other _____

Relinquished By:	Date/Time	Relinquished By:	Date/Time
Tracy Ipavec	11/9/09 1630		
Received by:	Date/Time	Received for Laboratory by:	Date/Time

Ice Present Yes No
Temperature _____
Cooler # _____

**Matrix
S-Soil A-Air Sl-Sludge M-Misc Waste
GW-Groundwater SW-Surface Water
WW-Wastewater DW-Drinking Water

Environmental Sampling Corporation

WDNR - REFUSE HIDEAWAY LANDFILL
Middleton, WI
Private Well Owners and Sample Locations

Frequency	Name	WDNR ID	Address	Phone (608)	Sample Location
Spring	Arvid & Margaret Sather	300	7911 Deer Run Road	798-2262	backyard tap
	Cindy Bonk	301	7877 Deer Run Road	798-1153	back tap
	Raymond & Mary Bula	302	RFD1, 7872 Deer Run East	798-3772	front tap
	Jeanette Wheat & Daryl Krueger	303	4306 Fawn Court	798-4701	side tap (past side door)
	Jerry Trantrow & Grace Thompson	304	4318 Fawn Court	798-3085	front tap
	Richard Summers	305	4610 Rocky Dell Rd., Rte 1	831-4414	under windmill
	Steve & Shirley Noles	312	7734 USH 14	831-1409	back tap
	Al & Jean Stoppleworth	311	7750 USH 14	831-6342 831-4214	back tap
Fall	Arvid & Margaret Sather	300	7911 Deer Run Road	798-2262	backyard tap
	George & Joanne Weber	306	7873 Deer Run Road	798-0538	front tap
	Daniel & Patricia Sommers	307	7892 Deer Run Road	798-4665	outside tap by garage
	Ed & Virginia Matush	310	4310 Fawn Court	798-2766	side tap
	Loyal & Bernice Durand	308	4314 Fawn Court	798-2943	front tap
	Beth Wagner	309	7902 USH 14	513-9705	tap by well pit
	Wayne Rounds	315	7785 Low Road	231-1063(h) 831-2240(f)	front yard of farm house
	Steve & Shirley Noles	312	7734 USH 14	831-1409	back tap
	Al & Jean Stoppleworth	311	7750 USH 14	831-6342 831-4214	back tap

Notes:
Residences on Fawn Court and Deer Run Road are located in Cross Plains, WI 53528. Residences on USH 14, Low Road, and Rocky Dell Road are located in Middleton, WI 53562.
All private well samples are analyzed according to US EPA method 524.2.

ENVIRONMENTAL SAMPLING CORPORATION GROUNDWATER MONITORING FIELD FORM
MONTH: November 2009

Purging Phase

Well ID	Date (2009)	Time (24hrs.)	Top of Well Elevation (ft.MSL)	Depth to Water (ft.)	Groundwater Elevation (ft.MSL)	Total Depth (ft.)	Height of Water Col. (ft.)	Req. Gal. to Purge (3 vol.)	Amount Purged (gal.)
P-22D	11/9	1110	1088.94	171.90	917.04	217.2	45.30	PACKER 5.5	5.5
P-22E	11/9	1150	1089.72	172.80	916.92	273.0	100.20	49.0	16.0 ^
P-22S	11/9	1100	1088.20	170.90	917.30	184.7	13.80	6.7	7.0
P-26D	11/9	–	1149.63	220.30	929.33	262.1	41.80	–	–
P-26S	11/10	1000	1150.95	218.40	932.55	237.6	19.20	9.4	9.5
P-27D	11/10	0850	1095.56	172.95	922.61	204.3	31.35	PACKER 8.0	8.0
P-27S	11/10	0850	1095.23	172.00	923.23	188.8	16.80	8.2	8.5
P-28S	11/9	–	1124.33	196.50	927.83	207.4	10.90	–	–
P-29S	11/9	–	1163.10	234.15	928.95	257.2	23.05	–	–
P-34D	11/9	–	1090.98	161.10	929.88	276.1	115.00	PACKER 9.0	–
P-34S	11/9	–	1091.10	157.60	933.50	186.0	28.40	–	–
P-35D	11/9	–	1087.70	163.50	924.20	252.6	–	–	–
P-35S	11/9	–	1087.90	161.70	926.20	184.0	–	–	–

Sampling Phase

Date (2009)	Time (24hrs.)	pH (s.u.)	Spec. Cond. (25C)	Temp. (deg.C)	Color before Filter	Color after Filter	Odor	Turb before Filter	Turb after Filter	Number of Filters Used
11/9	1215	7.60	594	16.0	clear	–	none	none	–	–
11/9	1350	7.56	597	16.8	clear	–	none	none	–	–
11/9	1140	7.74	616	16.9	clear	–	none	none	–	–
–	–	–	–	–	–	–	–	–	–	–
11/10	1140	7.33	806	11.2	clear	–	none	none	–	–
11/10	0945	7.41	825	11.0	clear	–	none	none	–	–
11/10	0930	7.27	796	11.3	clear	–	none	none	–	–
–	–	–	–	–	–	–	–	–	–	–
–	–	–	–	–	–	–	–	–	–	–
–	–	–	–	–	–	–	–	–	–	–
–	–	–	–	–	–	–	–	–	–	–
–	–	–	–	–	–	–	–	–	–	–
–	–	–	–	–	–	–	–	–	–	–
–	–	–	–	–	–	–	–	–	–	–

Casing I.D. (Inches) : Gallons per foot to get one well volume.
1.5" well : 0.092 gal. 2" well : 0.163 gal. 3" well : 0.377 gal. 4" well : 0.653 gal.

NOTES: All water levels were recorded on 11/9/09.
Monitoring wells are located on the Sommers Farm property.
^ - Well contains low-flow purging/sampling equipment and was purged until field parameters stabilized.

WEATHER **Wind Speed:** 0-5 mph **Direction:** NW **Temp.:** 55
Date: 11/9/2009 **Overview:** partly cloudy
Date Equipment Used: 11/9/2009
pH Meter: Oakton **pH 7.0:** 7.00 **pH 4.0:** 4.01 **Slope:** –
Spec. Cond. Meter: Oakton **Standard:** 1413 **Reading:** 1420
Temperature: 21.7

Facility Name: WDNR Refuse Hideaway Landfill
Facility Address: Highway 14, Middleton, WI
ESC Personnel: SF, JM, TI

ENVIRONMENTAL SAMPLING CORPORATION
414-427-5033

Client: WDNR **Page:** 1 of 6
Project: RHL - 11/09 event
Prepared by: TI **Date:** 11/12/2009
Checked by: JM **Date:** 11/13/2009

ENVIRONMENTAL SAMPLING CORPORATION GROUNDWATER MONITORING FIELD FORM

MONTH: November 2009

Purging Phase

Well ID	Date (2009)	Time (24hrs.)	Top of Well Elevation (ft.MSL)	Depth to Water (ft.)	Groundwater Elevation (ft.MSL)	Total Depth (ft.)	Height of Water Col. (ft.)	Req. Gal. to Purge (3 vol.)	Amount Purged (gal.)
P-43D	11/9	1530	1109.92	189.70	920.22	283.6	93.90	45.9	15.5 ^
P-43I	11/9	1400	1110.24	190.00	920.24	233.3	43.30	21.2	7.0 ^
P-43S	11/9	1400	1110.60	190.35	920.25	205.7	15.35	7.5	3.0 ^
P-30D	11/10	0825	932.97	20.22	912.75	289.5	269.28	PACKER 15.0	15.0
P-30I	11/10	0915	930.94	18.30	912.64	142.3	124.00	PACKER 9.0	9.0
P-31D	11/9	1215	915.72	0.70	915.02	258.2	257.50	PACKER 8.0	8.0
P-31IA	11/9	1250	916.77	NA	NA	95.6	NA	PACKER 8.0	8.0
P-31IB	11/9	1320	916.49	NA	NA	135.7	NA	PACKER 8.0	8.0
P-31S	11/9	1220	916.59	5.02	911.57	28.8	23.78	–	–
P-32D	11/9	–	942.66	20.50	922.16	176.2	155.70	–	–
P-32S	11/9	–	943.73	19.61	924.12	39.5	19.89	–	–
P-40D	11/9	1130	922.98	9.90	913.08	255.2	245.30	PACKER 9.0	9.0
P-40I	11/9	1100	922.28	8.67	913.61	104.8	96.13	PACKER 9.0	9.0

Sampling Phase

Date (2009)	Time (24hrs.)	pH (s.u.)	Spec. Cond. (25C)	Temp. (deg.C)	Color before Filter	Color after Filter	Odor	Turb before Filter	Turb after Filter	Number of Filters Used
11/10	0830	7.53	608	11.8	clear	–	none	none	–	–
11/9	1540	7.71	628	14.0	clear	–	none	none	–	–
11/9	1530	7.47	654	14.5	clear	–	none	none	–	–
11/10	0905	7.04	575	8.9	clear	–	none	none	–	–
11/10	0940	7.56	450	11.9	clear	–	none	none	–	–
11/9	1255	7.40	507	10.5	clear	–	none	none	–	–
11/9	1320	7.28	764	11.3	clear	–	none	none	–	–
11/9	1340	7.32	780	11.2	clear	–	none	none	–	–
–	–	–	–	–	–	–	–	–	–	–
–	–	–	–	–	–	–	–	–	–	–
–	–	–	–	–	–	–	–	–	–	–
11/9	1145	7.61	537	10.5	clear	–	none	none	–	–
11/9	1130	7.40	636	11.7	clear	–	none	none	–	–

Casing I.D. (inches) : Gallons per foot to get one well volume.
1.5" well : 0.092 gal. 2" well : 0.163 gal. 3" well : 0.377 gal. 4" well : 0.653 gal.

NOTES: DUP-01 = P-30D All water levels were recorded on 11/9/09.

The P-43 well nest is located on the Sommer's Farm property. The remaining wells are located along Highway 14.

^ - Well contains low-flow purging/sampling equipment and was purged until field parameters stabilized.

P-31S has a broken bladder.

WEATHER **Wind Speed:** 0-5 mph **Direction:** NNE **Temp.:** 45

Date: 11/10/2009 **Overview:** clear

Date Equipment Used: 11/10/2009

pH Meter: Oakton **pH 7.0:** 7.00 **pH 4.0:** 4.01 **Slope:** –

Spec. Cond. Meter: Oakton **Standard:** 1413 **Reading:** 1413

Temperature: 17.4

Facility Name: WDNR Refuse Hideaway Landfill
Facility Address: Highway 14, Middleton, WI
ESC Personnel: SF, JM, TI

ENVIRONMENTAL SAMPLING CORPORATION
414-427-5033

Client: WDNR **Page:** 2 **of** 6
Project: RHL - 11/09 event
Prepared by: TI **Date:** 11/12/2009
Checked by: JM **Date:** 11/13/2009

ENVIRONMENTAL SAMPLING CORPORATION GROUNDWATER MONITORING FIELD FORM

MONTH: November 2009

Purging Phase										Sampling Phase										
Well ID	Date (2009)	Time (24hrs.)	Top of Well Elevation (ft.MSL)	Depth to Water (ft.)	Groundwater Elevation (ft.MSL)	Total Depth (ft.)	Height of Water Col. (ft.)	Req. Gal. to Purge (3 vol.)	Amount Purged (gal.)	Date (2009)	Time (24hrs.)	pH (s.u.)	Spec. Cond. (25C)	Temp. (deg.C)	Color before Filter	Color after Filter	Odor	Turb before Filter	Turb after Filter	Number of Filters Used
P-41D	11/9	–	924.82	15.52	909.30	104.5	–	PACKER 9.0	–	–	–	–	–	–	–	–	–	–	–	–
P-30S	11/9	–	932.61	19.77	912.84	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
P-36D	11/9	–	924.34	0.0 (flowing)	NA	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
P-36S	11/9	–	924.49	1.83	922.66	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
P-38S	11/9	–	923.21	6.83	916.38	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
P-39S	11/9	–	946.08	33.62	912.46	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
P-40S	11/9	–	922.01	8.76	913.25	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
P-41S	11/9	–	925.58	7.39	918.19	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
P-42S	11/9	–	917.62	10.05	907.57	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
P-17S	11/10	1150	1081.75	155.5	926.25	158.8	3.3	1.6	2.0	11/10	1300	7.35	941	15.3	clear	–	none	none	–	–
P-18S	11/10	1215	1020.57	94.85	925.72	107.2	12.35	6.0	9.0	11/10	1320	7.52	553	12.5	clear	–	none	none	–	–
FB-01	–	–	–	–	–	–	–	–	–	11/10	1200	8.12	24.1	13.0	clear	–	none	none	–	–
DUP-01	–	–	–	–	–	–	–	–	–	11/10	0905	7.04	575	8.9	clear	–	none	none	–	–

Casing I.D. (inches) : Gallons per foot to get one well volume.
1.5" well : 0.092 gal. 2" well : 0.163 gal. 3" well : 0.377 gal. 4" well : 0.653 gal.

NOTES: All water levels were recorded on 11/9/09.
P-17S and P-18S are located on the rock ledges around the site. The remaining wells are located along Highway 14.

WEATHER **Wind Speed:** 0-5 mph **Direction:** NNE **Temp.:** 45
Date: 11/10/2009 **Overview:** clear
Date Equipment Used: 11/10/2009
pH Meter: Oakton **pH 7.0:** 7.00 **pH 4.0:** 4.01 **Slope:** –
Spec. Cond. Meter: Oakton **Standard:** 1413 **Reading:** 1413
Temperature: 17.4

Facility Name: WDNR Refuse Hideaway Landfill
Facility Address: Highway 14, Middleton, WI
ESC Personnel: SF, JM, TI

ENVIRONMENTAL SAMPLING CORPORATION
414-427-5033

Client: WDNR **Page:** 3 **of** 6
Project: RHL - 11/09 event
Prepared by: TI **Date:** 11/12/2009
Checked by: JM **Date:** 11/13/2009

ENVIRONMENTAL SAMPLING CORPORATION GROUNDWATER MONITORING FIELD FORM

MONTH: November 2009

Purging Phase

Well ID	Date (2009)	Time (24hrs.)	Top of Well Elevation (ft.MSL)	Depth to Water (ft.)	Groundwater Elevation (ft.MSL)	Total Depth (ft.)	Height of Water Col. (ft.)	Req. Gal. to Purge (3 vol.)	Amount Purged (gal.)
P-8D	11/9	–	930.98	5.81	925.17	42.2	–	–	–
P-8S	11/9	–	932.50	6.98	925.52	20.5	–	–	–
P-9D	11/9	–	930.43	5.22	925.21	43.0	–	–	–
P-9S	11/9	–	932.09	6.50	925.59	16.0	–	–	–
P-16D	11/9	–	936.30	12.80	923.50	42.9	–	–	–
P-16S	11/9	–	935.96	10.41	925.55	17.2	–	–	–
P-20SR	11/10	1050	961.78	36.10	925.68	66.3	30.2	14.8	21.0
P-21BR	11/9	–	935.19	11.71	923.48	148.3	–	–	–
P-21D	11/9	–	935.81	11.11	924.70	41.6	–	–	–
P-21S	11/9	–	936.43	11.60	924.83	19.7	–	–	–
P-23D	11/10	1005	961.53	36.30	925.23	80.1	43.8	21.4	30.0
P-23S	11/10	1010	961.71	36.56	925.15	48.1	11.5	5.6	8.0
P-24D	11/9	–	927.25	2.70	924.55	25.2	–	–	–

Sampling Phase

Date (2009)	Time (24hrs.)	pH (s.u.)	Spec. Cond. (25C)	Temp. (deg.C)	Color before Filter	Color after Filter	Odor	Turb before Filter	Turb after Filter	Number of Filters Used
–	–	–	–	–	–	–	–	–	–	–
–	–	–	–	–	–	–	–	–	–	–
–	–	–	–	–	–	–	–	–	–	–
–	–	–	–	–	–	–	–	–	–	–
–	–	–	–	–	–	–	–	–	–	–
–	–	–	–	–	–	–	–	–	–	–
11/10	1130	7.61	526	11.1	clear	–	none	none	–	–
–	–	–	–	–	–	–	–	–	–	–
–	–	–	–	–	–	–	–	–	–	–
–	–	–	–	–	–	–	–	–	–	–
11/10	1150	7.37	500	10.6	clear	–	none	none	–	–
11/10	1040	7.46	533	10.8	cloudy	–	none	low	–	–
–	–	–	–	–	–	–	–	–	–	–

Casing I.D. (inches) : Gallons per foot to get one well volume.
1.5" well : 0.092 gal. 2" well : 0.163 gal. 3" well : 0.377 gal. 4" well : 0.653 gal.

NOTES: All water levels were recorded on 11/9/09.
Monitoring wells are located around the facility and along the adjacent farm fields.

WEATHER **Wind Speed:** 0-5 mph **Direction:** NNE **Temp.:** 45
Date: 11/10/2009 **Overview:** clear
Date Equipment Used: 11/10/2009
pH Meter: Oakton **pH 7.0:** 7.00 **pH 4.0:** 4.01 **Slope:** –
Spec. Cond. Meter: Oakton **Standard:** 1413 **Reading:** 1413
Temperature: 17.4

Facility Name: WDNR Refuse Hideaway Landfill
Facility Address: Highway 14, Middleton, WI
ESC Personnel: SF, JM, TI

ENVIRONMENTAL SAMPLING CORPORATION
414-427-5033

Client: WDNR **Page:** 4 **of** 6
Project: RHL - 11/09 event
Prepared by: TI **Date:** 11/12/2009
Checked by: JM **Date:** 11/13/2009

ENVIRONMENTAL SAMPLING CORPORATION GROUNDWATER MONITORING FIELD FORM

MONTH: November 2009

Purging Phase

Well ID	Date (2009)	Time (24hrs.)	Top of Well Elevation (ft.MSL)	Depth to Water (ft.)	Groundwater Elevation (ft.MSL)	Total Depth (ft.)	Height of Water Col. (ft.)	Req. Gal. to Purge (3 vol.)	Amount Purged (gal.)
P-24E	11/9	--	927.39	2.33	925.06	52.5	--	--	--
P-25BR	11/9	1440	943.27	23.40	919.87	140.3	116.9	57.2	58.0
P-25D	11/9	1440	943.86	24.40	919.46	96.3	71.9	35.2	36.0
P-25S	11/9	--	943.14	19.95	923.19	29.4	--	--	--
P-33D	11/9	--	928.50	2.90	925.6	103.4	--	--	--
P-1D	11/9	--	926.67	1.74	924.93	--	--	--	--
P-1S	11/9	--	924.39	2.07	922.32	--	--	--	--
P-3S	11/9	--	932.79	7.25	925.54	--	--	--	--
P-4S	11/9	--	929.89	3.75	926.14	--	--	--	--
P-8BR	11/9	--	929.52	4.69	924.83	111.5	--	--	--
P-33S	11/9	--	928.55	4.23	924.32	27.6	--	--	--

Sampling Phase

Date (2009)	Time (24hrs.)	pH (s.u.)	Spec. Cond. (25C)	Temp. (deg.C)	Color before Filter	Color after Filter	Odor	Turb before Filter	Turb after Filter	Number of Filters Used
--	--	--	--	--	--	--	--	--	--	--
11/9	1620	7.34	574	10.9	orange	--	none	moderate	--	--
11/9	1610	7.12	775	11.3	clear	--	none	none	--	--
--	--	--	--	--	--	--	--	--	--	--
--	--	--	--	--	--	--	--	--	--	--
--	--	--	--	--	--	--	--	--	--	--
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--	--	--	--	--	--	--	--	--	--	--

Casing I.D. (Inches) : Gallons per foot to get one well volume.
1.5" well : 0.092 gal. 2" well : 0.163 gal. 3" well : 0.377 gal. 4" well : 0.653 gal.

NOTES: All water levels were recorded on 11/9/09.
Monitoring wells are located around the facility and along the adjacent farm fields.

WEATHER **Wind Speed:** 0-5 mph **Direction:** NW **Temp.:** 55
Date: 11/9/2009 **Overview:** partly cloudy
Date Equipment Used: 11/9/2009
pH Meter: Oakton **pH 7.0:** 7.00 **pH 4.0:** 4.01 **Slope:** --
Spec. Cond. Meter: Oakton **Standard:** 1413 **Reading:** 1420
Temperature: 21.7

Facility Name: WDNR Refuse Hideaway Landfill
Facility Address: Highway 14, Middleton, WI
ESC Personnel: SF, JM, TI

ENVIRONMENTAL SAMPLING CORPORATION
414-427-5033

Client: WDNR **Page:** 5 **of** 6
Project: RHL - 11/09 event
Prepared by: TI **Date:** 11/12/2009
Checked by: JM **Date:** 11/13/2009

ENVIRONMENTAL SAMPLING CORPORATION GROUNDWATER MONITORING FIELD FORM

MONTH: November 2009

Purging Phase

Well ID	Date (2009)	Time (24hrs.)	Top of Well Elevation (ft.MSL)	Depth to Water (ft.)	Groundwater Elevation (ft.MSL)	Total Depth (ft.)	Height of Water Col. (ft.)	Req. Gal. to Purge (4 vol.)	Amount Purged (min.)
PW-Sather	11/9	1125	--	--	--	--	--	--	15
PW-Noles	11/9	1010	--	--	--	--	--	--	15
PW-Stoppleworth	11/9	1000	--	--	--	--	--	--	15
PW-Matush	11/9	1155	--	--	--	--	--	--	15
PW-Sommers	11/9	1110	--	--	--	--	--	--	15
PW-Durand	11/9	1200	--	--	--	--	--	--	15
PW-Wagner	11/9	1235	--	--	--	--	--	--	15
PW-Weber	11/9	1100	--	--	--	--	--	--	15
PW-Rounds	11/9	1300	--	--	--	--	--	--	15

Sampling Phase

Date (2009)	Time (24hrs.)	pH (s.u.)	Spec. Cond. (25C)	Temp. (deg.C)	Color before Filter	Color after Filter	Odor	Turb before Filter	Turb after Filter	Number of Filters Used
11/9	1140	8.28	712	12.6	clear	--	none	none	--	--
11/9	1025	7.71	745	13.1	clear	--	none	none	--	--
11/9	1015	7.42	621	12.9	clear	--	none	none	--	--
11/9	1210	7.43	688	12.3	clear	--	none	none	--	--
11/9	1125	8.21	608	12.0	clear	--	none	none	--	--
11/9	1215	7.53	831	12.3	clear	--	none	none	--	--
11/9	1250	7.60	803	11.2	clear	--	none	none	--	--
11/9	1115	8.21	594	12.7	clear	--	none	none	--	--
11/9	1315	7.79	664	11.5	clear	--	none	none	--	--

Casing I.D. (inches) : Gallons per foot to get one well volume.
1.5" well : 0.092 gal. 2" well : 0.163 gal. 3" well : 0.377 gal. 4" well : 0.653 gal.

NOTES:

WEATHER **Wind Speed:** 0-5 mph **Direction:** NW **Temp.:** 55

Date: 11/9/2009 **Overview:** partly cloudy

Date Equipment Used: 11/9/2009

pH Meter: Oakton **pH 7.0:** 7.00 **pH 4.0:** 4.01 **Slope:** --

Spec. Cond. Meter: Oakton **Standard:** 1413 **Reading:** 1420

Temperature: 21.7

Facility Name: WDNR Refuse Hideaway Landfill

Facility Address: Highway 14, Middleton, WI

ESC Personnel: SF, JM, TI

ENVIRONMENTAL SAMPLING CORPORATION
414-427-5033

Client: WDNR **Page:** 6 **of** 6

Project: RHL - 11/09 event

Prepared by: TI **Date:** 11/12/2009

Checked by: JM **Date:** 11/13/2009

Environmental Sampling Corp. (ESC)
Field Status Report – December 2009

COPY

WDNR / Refuse Hideaway Landfill
Middleton, Wisconsin

Task	Sampling Period / Date	Sample Type / Description
I	Various	Reporting
II	12/30/09	Inspect water level control devices

Project Status

I. *Reporting:* ESC staff prepared the November 2009 Groundwater and Private Well Monitoring Report and sent the report and laboratory data files to the WDNR in December 2009. Prior to the submittal of the report, ESC staff e-mailed a brief summary of the private well monitoring results and a .pdf file of the laboratory data to the WDNR. ESC staff also prepared historic data tables for the private well monitoring locations.\

II. *Inspect water level control devices:* ESC staff was on site in December 2009 to inspect the water level control devices in monitoring wells P-8BR, P-9D, P-24D, P-24E, P-33D, and P-36S.

Task Deviations and Reporting Turnaround

None

Field Observations

- None.

Proposed Additional Actions

- None.

Other Observations

- None.

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Environmental Sampling Corporation

Refuse Hideaway Landfill
Monthly Water Level Measurements
November 2009 - March 2010

Well ID	Stick up (ft.)	Top of well to 3ft. Bgs (ft.)	Depth to Water (ft.)				
			Nov-09	Dec-09	Jan-10	Feb-10	Mar-10
P-8BR	2.33	5.33	4.69	5.22			
P-9D	2.08	5.08	5.22	4.85			
P-24D	2.17	5.17	2.70	2.20			
P-24E	2.00	5.00	2.33	2.25			
P-33D	2.08	5.08	2.90	3.00			
P-36S	1.67	4.67	1.83	0.00			

Note:
Water level measurements are to be recorded on a monthly basis until the groundwater is at least three feet below ground surface.