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April 11, 2002

Mr. Binyoti F. Amungwafor  
Wisconsin Department of Natural Resources  
2300 North Dr. Martin Luther King, Jr. Drive  
Post Office Box 12436  
Milwaukee, Wisconsin 53212-0436

Reference: *Project Status Update*  
Decorah Shopping Center Annex  
1011-1025 South Main Street  
West Bend, Wisconsin  
WDNR FID #: 267161400  
WDNR BRRTS #: 02-67-151266

KEY ENGINEERING GROUP, LTD.  
File No. 0702007

Dear Mr. Amungwafor:

The purpose of this letter is to provide the Wisconsin Department of Natural Resources (WDNR) with a project status update for the above referenced site. This letter was prepared by Key Engineering Group, Ltd. (KEY) on behalf of Continental VI Fund Limited Partnership (Continental).

#### **ADDITIONAL SITE INVESTIGATION RESULTS**

The following activities have been conducted pursuant to KEY's October 30, 2001 *Project Status Update*:

- October 31, 2001: Four groundwater monitoring wells (MW-12 through MW-15) were installed in Lincoln Drive West and Terrace Drive. One soil sample collected during the installation of each monitoring well (3.5 to 5.5 feet below ground surface) was submitted for analysis of volatile organic compounds (VOCs).
- November 5, 2001: The newly installed and nine existing monitoring wells were sampled; the groundwater samples were submitted for analysis of VOCs. Select natural attenuation indicator parameters, including temperature, dissolved oxygen, pH and oxidation-reduction potential were field measured.
- January 22, 2002: Two monitoring wells (MW-4 and MW-7) installed in connection with the Matanaer Service Station property (905 South Main Street; FID #267093970) were surveyed relative to the subject site monitoring well network. Groundwater elevations were determined for these monitoring wells and the subject site monitoring wells.

The monitoring well locations are depicted on Figure 1. The soil boring logs and monitoring well construction and development forms are included in Attachment 1. The additional site investigation procedures were conducted in general accordance with KEY's February 3, 1998 *Site Investigation Work Plan*.

The soil sample analytical results are summarized in Table 1 and the laboratory report is included in Attachment 2. The soil sample analytical results indicated that no VOCs were detected.

The groundwater sample analytical results are summarized in Table 2 and on Figure 2 and the laboratory report is included in Attachment 3. The natural attenuation indicator parameter results are summarized in Table 3. The groundwater sample analytical results indicated that detected tetrachloroethene (PCE) concentrations were generally consistent with those previously detected at several previously sampled monitoring well locations. PCE was detected at concentrations of 1,000 micrograms per liter ( $\mu\text{g/l}$ ) and 77  $\mu\text{g/l}$  at the two northernmost new monitoring wells (MW-13 and MW-14, respectively). These PCE concentrations are generally one to two orders of magnitude higher than the concentrations previously detected closer to the subject site. PCE was not detected at the two southernmost new monitoring wells (MW-12 and MW-15).

Groundwater elevation data is summarized in Table 4 and a groundwater elevation contour map (January 22, 2002 measurements) is included as Figure 3. The groundwater elevation data indicates a groundwater flow direction consistent with previous data (northeasterly to easterly).

### SITE VICINITY RESEARCH

Based on the groundwater flow direction and the relatively high PCE concentrations detected at MW-13 and MW-14, the most significant groundwater impacts are not located directly down gradient of the suspected PCE source area (area of unsaturated soil impacts near the back door of the on-site dry cleaner). Based on this groundwater contamination distribution, KEY reviewed City and WDNR records for properties in the vicinity of the site to evaluate whether any of the properties could be a contributing source of chlorinated volatile organic compound (CVOC) groundwater impacts detected in Lincoln Drive West and Terrace Drive. The properties researched and occupancy summary, based on City records, are documented in the following table. The locations of these properties are depicted on Figure 1.

Property	Occupancy Summary
Auto Zone (Former McDonald's) 915 South Main Street	Auto Zone since 1999. McDonalds from approximately 1999 to 1972 (year of development).
Matanaer's Service Station 905 South Main Street	Service station since at least 1955.
Lifetime Exhaust 885 South Main Street	Muffler shop owned by Mr. David Mossman since approximately 1982. Standard service station from approximately 1982 to 1955 (apparent year of development).
Flowers on Main 930 South Main Street	Flower shop/greenhouse since at least 1970 (also apparently occupied by Schober's Camera in the late 1960s and early 1970s).
Shear Excitement Hair Salon 914 South Main Street	Hair salon and/or massage parlor since at least 1967. Possibly a residence or "retail store" from approximately 1967 to 1957 (apparent year of development).
Ol' Tyme Cleaners 910 South Main Street	Dry cleaner and/or "coin operated laundry" since approximately 1961 (year of development).
Dominos Pizza 906 South Main Street	Dominos Pizza since 2001. Various restaurants (Sir Donut, Emley's Drive In, Chef Burger) since 1957 (year of development).
Schleif Service Station 884 South Main Street	Service station since 1957 (year of development).

The WDNR has case files for four of the above properties plus one case associated with work done near the intersection of South Main Street and Hawthorn Drive. The following table summarizes the principal findings of reviews of each of the WDNR case files.

Case File	Pertinent Findings
Auto Zone (Former McDonald's) 915 South Main Street WDNR FID #: 267159200	<ul style="list-style-type: none"> <li>• The WDNR granted an "off-site exemption" to Auto Zone in April 1999 in connection with the detection of contaminants in groundwater during a 1996 Phase II Environmental Site Assessment (ESA). The Phase II ESA consisted of three soil probes (SP01, SP02 and SP03). Petroleum contaminants, as well as trichloroethene and PCE, were detected in groundwater at the soil probe located furthest from the subject site (SP03).</li> <li>• A groundwater flow map and CVOC isoconcentration map incorporating the Matanaer's and Schleif sites were included in this file. The maps were prepared based on 1996 data. The groundwater flow direction at the Matanaer's and Schleif sites was identified as northeasterly and northwesterly, respectively. Significant CVOC concentrations were detected in groundwater on both sites.</li> </ul>
Matanaer's Service Station 905 South Main Street WDNR FID #: 267093970	<ul style="list-style-type: none"> <li>• Open leaking underground storage tank (LUST) case file.</li> <li>• No significant work has apparently been conducted at the site since approximately 1996.</li> <li>• CVOCs historically detected in groundwater ( the July 1996 groundwater data which was summarized in the Former McDonald's case file was not included in this case file).</li> </ul>
Lifetime Exhaust 885 South Main Street WDNR FID #: 267167120	<ul style="list-style-type: none"> <li>• Open LUST case file (the WDNR was notified of contamination on the site in April 1998).</li> <li>• A <i>Site Investigation Work Plan</i> was submitted in November 1998; no site investigation results were included in the file.</li> </ul>
Schleif Service Station 884 South Main Street WDNR FID #: 267096310	<ul style="list-style-type: none"> <li>• Open LUST case file.</li> <li>• No significant work has apparently been conducted at the site since approximately 1996.</li> <li>• CVOCs historically detected in groundwater (the October 1996 groundwater data which was summarized in the Former McDonald's case file was not included in this case file).</li> </ul>
Main Street Reconstruction Intersection of South Main and Hawthorne Drive WDNR FID #: 267169650	<ul style="list-style-type: none"> <li>• Soil petroleum contamination was encountered in south Main Street during a 1998 Phase II ESA.</li> <li>• CVOCs were not detected in soil samples collected during the Phase II ESA (the Phase II ESA did not include the collection of groundwater samples).</li> </ul>

The research findings indicate that significant CVOC groundwater impacts have been detected north and northwest of the subject site (generally side gradient to up gradient of the subject site). Based on the data available, the most probable potential contributing sources of these impacts include Matanaer's Service Station, Schleif Service Station and Ol' Tyme Cleaners. The groundwater data collected closest to the subject site and most up gradient of MW-13 consists of the data collected on the Auto Zone property (adjacent to the north side of the subject site) in 1996. Documentation of this data is included in Attachment 4. The fact that CVOCs were only detected on the extreme northern portion of the Auto Zone property (adjacent to Matanaer's Service Station) suggests that the Auto Zone property, as well as other up gradient properties, have not contributed to the impacts at MW-13. The apparent lack of a contaminant source directly up gradient of MW-13 suggests one of the following scenarios:

- An 8-inch diameter clay sanitary sewer line located east of the subject site building, extending from south of the subject site to Hawthorn Drive, has served as a contaminant migration pathway from the subject site source area.
- CVOCs detected at MW-13 and MW-14 northeast of the subject site (in Lincoln Drive West and Terrace Drive) are representative of an off-site CVOC plume possibly associated with the CVOC contamination known to exist in the vicinity of the intersection of South Main Street and Hawthorn Drive (no significant investigation is known to have been conducted east of Matanaer Service Station).

**Projected Additional Site Investigation**

Continental intends to conduct additional investigation to further evaluate the source of the relatively high concentrations of PCE in groundwater northeast of the site. The proposed scope of work includes advancing approximately seven soil probes adjacent to and

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east of the sanitary sewer on the subject site (two soil probes) and on the Auto Zone/Former McDonald's property (five soil probes). The soil probes would be spaced approximately 50 feet apart extending north from the on-site monitoring well/piezometer nest MW-4/P-1. One soil sample collected from each soil probe location will be analyzed for VOCs. The collection of groundwater samples from each soil probe will be attempted using temporary monitoring wells; collected groundwater samples will be analyzed for VOCs. The proposed soil probe/temporary well locations are depicted on Figure 3.


Continental contacted the owner of the Auto Zone property, Mr. Bill Tsiampas of Tsiampas, LLC, to inquire about obtaining sampling access. Mr. Tsiampas refused to provide access, indicating that he does not want to associate himself with another environmental issue considering that he recently made efforts to obtain the off-site liability exemption (a copy of the WDNR's April 30, 1999 liability exemption letter is included in Attachment 4). According to Mr. Tsiampas, Auto Zone, Inc. would also need to approve of any sampling on the property.

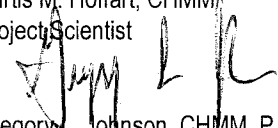
The exemption conditions documented in the WDNR's liability exemption approval letter for the Auto Zone property indicate that access must be provided to the WDNR or other "authorized party" to respond to the "release"; therefore, KEY and Continental request WDNR assistance in obtaining access from Tsiampas, LLC and Auto Zone, Inc. to conduct the proposed investigation. Mr. Bill Tsiampas can be reached at (262) 335-0777.

Please contact KEY if you have any questions regarding the proposed scope of work and requested assistance in obtaining sampling access. The scope of work will be conducted following WDNR approval and after access to the Auto Zone property is received. Your continued assistance with this matter is appreciated.

Sincerely,

KEY ENGINEERING GROUP, LTD.

  
Curtis M. Hoffart, CHMM  
Project Scientist

  
Gregory L. Johnson, CHMM, P.H., P.G., P.E.  
Senior Engineer/Scientist

CMH/clh

Attachments:	Table 1	Summary of Soil Sample Analytical Results
	Table 2	Summary of Groundwater Sample Analytical Results
	Table 3	Summary of Natural Attenuation Indicator Parameter Results
	Table 4	Summary of Groundwater Elevation Data
	Figure 1	Site Vicinity Layout
	Figure 2	Summary of Groundwater Sample Analytical Results
	Figure 3	Groundwater Elevation Contour Map
	Attachment 1	Soil Boring Log, Monitoring Well Construction and Development Forms
	Attachment 2	Laboratory Report - Soil Sample Analytical Results
	Attachment 3	Laboratory Report - Groundwater Sample Analytical Results
	Attachment 4	Auto Zone Property Documentation

cc: Ms. Mary Mokwa, Continental Properties Company, Inc.  
Mr. Donald P. Gallo, Reinhart, Boerner & Van Deuren, S.C.

TABLE 1  
SUMMARY OF SOIL SAMPLE ANALYTICAL RESULTS

DECORAH SHOPPING CENTER ANNEX  
1011-1025 South Main Street  
West Bend, Wisconsin

	B-1	B-2	B-3	B-4		B-5		GP-7		GP-8		GP-9		GP-10		GP-11	GP-12	GP-13	B-10	GP-14	GP-15	P-3	B-15	B-16	B-17	B-18	B-19	GRCL		
Depth (feet)	1-3	6-8	3.5-5.5	1-3	1-3	6-8	1-3	6-8	2-4	8-10	2-4	8-10	4-6	2-4	8-10	5-7	7-9	7-9	6-7.5	8-8	6-8	3.5-5	6-7.5	3.5-5.5	3.5-5.5	3.5-5.5	3.5-5.5	3.5-5.5		
Date	4/1/98	4/1/98	4/1/98	4/1/98	4/1/98	4/1/98	4/1/98	4/1/98	10/23/98	10/23/99	9/3/99	9/3/99	9/3/99	9/3/99	9/3/99	9/3/99	9/3/99	9/3/99	8/18/00	11/3/00	11/3/00	4/11/01	9/12/01	10/31/01	10/31/01	10/31/01	10/31/01			
PID (i.u.)	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1		
Detected VOCs (µg/kg)																														
1,2,3-Trichlorobenzene	30	34	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	NE	
Trimethylbenzenes	99	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	NE
Naphthalene	51	36 (Q)	50	38 (Q)	42	<25	42	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	400 <sup>1</sup>
Xylenes	<50	35	<50	<50	<50	<50	<50	<50	<50	<50	<75	<75	<75	<75	<75	<75	<75	<75	<75	<75	<75	<75	<75	<75	<75	<75	<75	<75	<75	4,100
MTBE	<25	43	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	NE	
Tetrachloroethene	<25	<25	<25	<25	79	212	31	<25	<25	107	240	120	<25	87	1,400	340	620	60	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	1839 <sup>2</sup>	
Benzene	<25	<25	<25	<25	<25	<25	<25	<25	28	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	5.5	

Notes:  
<sup>1</sup> - WDNR interim guidance  
<sup>2</sup> - Site specific residual contaminant level based on the protection of groundwater (Supplemental Site Investigation Report, KEY, January 18, 2000)  
 Bold concentrations exceed NR 720 GRCL  
 GRCL - NR 720 generic residual contaminant level based on the protection of groundwater  
 i.u. - instrument units  
 MTBE - methyl tert-butyl ether  
 NE - not established  
 PID - photoionization detector  
 Q - concentration detected between laboratory limit of quantitation and limit of detection  
 µg/kg - micrograms per kilogram  
 VOCs - volatile organic compounds

TABLE 2  
SUMMARY OF GROUNDWATER SAMPLE ANALYTICAL RESULTS

DECORAH SHOPPING CENTER ANNEX  
1011-1025 South Main Street  
West Bend, Wisconsin

Date	MW-1			MW-2			MW-3							MW-4					ES	PAL						
	4/7/98	7/31/98	10/8/99	4/7/98	7/31/98	10/8/99	4/7/98	7/31/98	10/8/99	3/31/00	8/31/00	12/4/00	4/12/01	11/5/01	4/7/98	7/31/98	10/8/99	3/31/00			8/31/00	12/4/00	4/12/01			
Detected VOCs (µg/l)																										
Trimethylbenzenes	<0.5	<0.5	<0.70	0.3 (Q)	<0.5	<0.70	0.2	<0.5	<0.70	<0.50	<0.50	<0.50	<0.50	<0.50	<0.5	<0.5	<0.70	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	480	96	
Benzene	<0.2	<0.2	<0.25	0.3 (Q)	0.2 (Q)	<0.25	<0.2	<0.2	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.2	<0.2	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	5	0.5	
Toluene	<0.3	<0.3	<0.38	<0.3	<0.3	<0.38	<0.3	<0.3	<0.38	<0.22	<0.22	<0.22	<0.22	<0.22	<0.3	<0.3	<0.38	<0.22	<0.22	<0.22	<0.22	<0.22	<0.22	1,000	200	
Ethylbenzene	<0.2	<0.2	<0.32	0.3 (Q)	<0.2	<0.32	<0.2	<0.2	<0.32	<0.12	<0.12	<0.12	<0.12	<0.12	<0.2	<0.2	<0.32	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12	700	140	
Xylenes	<0.6	<0.6	<1.04	1.0 (Q)	<0.6	<1.04	0.5 (Q)	<0.6	<1.04	<0.74	<0.74	<0.74	<0.74	<0.74	<0.6	<0.6	<1.04	<0.74	<0.74	<0.74	<0.74	<0.74	<0.74	10,000	1,000	
MTBE	0.5 (Q)	<0.2	<0.21	<0.2	<0.2	<0.21	<0.2	<0.2	<0.21	<0.53	<0.53	<0.53	<0.53	<0.53	<0.2	<0.2	<0.21	<0.53	<0.53	<0.53	<0.53	60	12			
Isopropylbenzene	<0.2	<0.2	<0.33	0.4 (Q)	<0.2	<0.33	<0.2	<0.2	<0.33	<0.15	<0.15	<0.15	<0.15	<0.15	<0.2	<0.2	<0.33	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	NE	NE	
n-Butylbenzene	<0.2	<0.2	<0.43	0.4 (Q)	<0.2	<0.43	<0.2	<0.2	<0.43	<0.29	<0.29	<0.29	<0.29	<0.29	<0.2	<0.2	<0.43	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	NE	NE	
n-Propylbenzene	<0.3	<0.3	<0.36	0.3 (Q)	<0.3	<0.36	<0.3	<0.3	<0.36	<0.18	<0.18	<0.18	<0.18	<0.18	<0.3	<0.3	<0.36	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	NE	NE	
Naphthalene	<0.5	<0.5	<0.73	0.7 (Q)	<0.5	<0.73	0.7 (Q)	<0.5	<0.73	<0.68	<0.68	<0.68	<0.68	<0.68	<0.5	<0.5	<0.73	<0.68	<0.68	<0.68	<0.68	<0.68	<0.68	40	8	
Chloroform	<0.30	<0.30	<0.26	<0.30	<0.30	<0.26	<0.30	<0.30	<0.26	<0.32	<0.32	<0.32	<0.32	<0.32	<0.30	<0.30	<0.26	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	6	0.6	
Chloromethane	<0.8	<0.8	<0.29	<0.8	<0.8	<0.29	<0.8	<0.8	<0.29	<0.24	0.72 (Q)	<0.24	<0.24	<0.24	<0.8	<0.8	<0.29	<0.24	<0.24	0.8	0.49 (Q)	<0.24	<0.24	3	0.3	
cis-1,2-Dichloroethene	<0.2	<0.2	<0.34	<0.2	<0.2	<0.34	<0.2	<0.2	<0.34	<1	<1	<1	<1	<1	<0.2	<0.2	<0.34	<1	<1	<1	<1	<1	<1	70	7	
trans-1,2-Dichloroethene	<0.20	<0.20	<0.46	<0.20	<0.20	<0.46	<0.20	<0.20	<0.46	<0.23	<0.23	<0.23	<0.23	<0.23	<0.20	<0.20	<0.46	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	100	20	
Tetrachloroethene	<0.3	<0.3	<0.56	<0.3	<0.3	<0.56	<0.3	1.6	1.3 (Q)	0.43 (Q)	1.1	0.33 (Q)	0.33 (Q)	<0.25	1.9	0.6 (Q)	<0.56	<0.25	<0.25	<0.25	<0.25	<0.25	5	0.5		
Trichloroethene	<0.2	<0.2	<0.39	<0.2	<0.2	<0.39	<0.2	<0.2	<0.39	<0.36	<0.36	<0.36	<0.36	<0.36	<0.2	<0.2	<0.39	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	5	0.5	

Notes:  
 Bold concentrations exceed NR 140 PAL  
 Shaded concentrations exceed NR 140 ES  
 ES - NR 140 enforcement standard  
 MTBE - methyl tert-butyl ether  
 NE - not established  
 PAL - NR 140 preventive action limit  
 Q - concentration detected between laboratory limit of quantitation and limit of detection  
 µg/l - micrograms per liter  
 VOCs - volatile organic compounds

TABLE 2 (CONTINUED)

## SUMMARY OF GROUNDWATER SAMPLE ANALYTICAL RESULTS

DECORAH SHOPPING CENTER ANNEX  
1011-1025 South Main Street  
West Bend, Wisconsin

Date	MW-5								MW-6						MW-7				ES	PAL
	2/9/99	10/8/99	12/3/99	3/31/00	8/31/00	12/4/00	4/12/01	11/5/01	10/8/99	3/31/00	8/31/00	12/4/00	4/12/01	11/5/01	9/20/00	12/4/00	4/12/01	11/5/01		
Detected VOCs (µg/l)																				
Trimethylbenzenes	<0.5	<0.70	<0.70	<0.50	<0.50	<0.50	<0.50	<0.50	6.5	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	480	96
Benzene	<0.2	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<b>0.52 (Q)</b>	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	5	0.5
Toluene	<0.3	<0.38	<0.38	<0.22	<0.22	<0.22	<0.22	<0.22	1.2 (Q)	<0.22	<0.22	<0.22	0.39 (Q)	<0.22	<0.22	<0.22	<0.22	<0.22	1,000	200
Ethylbenzene	<0.2	<0.32	<0.32	<0.12	<0.12	<0.12	<0.12	<0.12	1.9	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12	700	140
Xylenes	<0.6	<1.04	<1.04	<0.74	<0.74	<0.74	<0.74	<0.74	7.2	<0.74	<0.74	<0.74	<0.74	<0.74	<0.74	<0.74	<0.74	<0.74	10,000	1,000
MTBE	<0.2	<0.21	<0.21	<0.53	<0.53	<0.53	<0.53	<0.53	<0.21	<0.53	<0.53	<0.53	<0.53	<0.53	<0.53	<0.53	<0.53	<0.53	60	12
Isopropylbenzene	<0.2	<0.33	<0.33	<0.15	<0.15	<0.15	<0.15	<0.15	<0.33	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	NE	NE
n-Butylbenzene	<0.2	<0.43	<0.43	<0.29	<0.29	<0.29	<0.29	<0.29	0.49 (Q)	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	NE	NE
n-Propylbenzene	<0.3	<0.36	<0.36	<0.18	<0.18	<0.18	<0.18	<0.18	0.82 (Q)	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	NE	NE
Naphthalene	<0.5	<0.73	<0.73	<0.68	<0.68	<0.68	<0.68	<0.68	1.1 (Q)	<0.68	<0.68	<0.68	<0.68	<0.68	<0.68	<0.68	<0.68	<0.68	40	8
Chloroform	<0.30	<0.26	<0.26	<0.32	<0.32	<0.32	<0.32	<0.32	<0.26	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	6	0.6
Chloromethane	<0.8	<0.29	<0.29	<0.24	<0.24	<b>11</b>	<0.24	<0.24	<0.29	<0.24	<b>0.48 (Q)</b>	<b>17</b>	<0.24	<0.24	<0.24	<b>0.55 (Q)</b>	<0.24	<0.24	3	0.3
cis-1,2-Dichloroethene	<0.2	<0.34	<0.34	<1	<1	<1	<1	<1	0.38 (Q)	<1	<1	<1	<1	<1	<1	<1	<1	<1	70	7
trans-1,2-Dichloroethene	<0.20	<0.46	<0.46	<0.23	<0.23	<0.23	<0.23	<0.23	<0.46	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	100	20
Tetrachloroethene	<b>2.5</b>	<b>13</b>	<b>4</b>	<b>12</b>	<b>12</b>	<b>18</b>	<b>6.6</b>	<b>14</b>	<b>4.1</b>	<b>3.4</b>	<b>2.5</b>	<b>3.2</b>	<b>3.8</b>	<b>1.8</b>	<b>4.7</b>	<b>3.3</b>	<b>3.4</b>	<b>4.4</b>	<b>5</b>	<b>0.5</b>
Trichloroethene	<b>0.6</b>	<b>0.5 (Q)</b>	<b>0.9 (Q)</b>	<b>0.81 (Q)</b>	<b>1 (Q)</b>	<b>0.9 (Q)</b>	<b>0.46 (Q)</b>	<b>0.48 (Q)</b>	<0.39	<0.36	<0.36	<0.36	<0.36	<0.36	<b>2.4</b>	<b>2.3</b>	<b>2.2</b>	<b>3.2</b>	<b>5</b>	<b>0.5</b>

## Notes:

Bold concentrations exceed NR 140 PAL

Shaded concentrations exceed NR 140 ES

ES - NR 140 enforcement standard

MTBE - methyl tert-butyl ether

NE - not established

PAL - NR 140 preventive action limit

Q - concentration detected between laboratory limit of quantitation and limit of detection

µg/l - micrograms per liter

VOCs - volatile organic compounds

TABLE 2 (CONTINUED)

## SUMMARY OF GROUNDWATER SAMPLE ANALYTICAL RESULTS

## DECORAH SHOPPING CENTER ANNEX

1011-1025 South Main Street  
West Bend, Wisconsin

Date	MW-8			MW-9			MW-10			MW-11		MW-12	MW-13	MW-14	MW-15	ES	PAL
	4/12/01	4/30/01	11/5/01	4/12/01	4/30/01	11/5/01	4/12/01	4/30/01	11/5/01	9/14/01	11/5/01	11/5/01	11/5/01	11/5/01	11/5/01		
Detected VOCs (µg/l)																	
Trimethylbenzenes	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	480	96
Benzene	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<2.5	<0.25	<0.25	5	0.5
Toluene	<0.22	<0.22	<0.22	<0.22	<0.22	<0.22	<0.22	<0.22	<0.22	<0.22	<0.22	<0.22	<2.2	<0.22	<0.22	1,000	200
Ethylbenzene	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12	<1.2	<0.12	<0.12	700	140
Xylenes	<0.74	<0.74	<0.74	<0.74	<0.74	<0.74	<0.74	<0.74	<0.74	<0.74	<0.74	<0.74	<7.4	<0.74	<0.74	10,000	1,000
MTBE	<0.53	<0.53	<0.53	<0.53	<0.53	<0.53	<0.53	<0.53	<0.53	<0.53	<0.53	<0.53	<5.3	<0.53	<0.53	60	12
Isopropylbenzene	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<1.5	<0.15	<0.15	NE	NE
n-Butylbenzene	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	<2.9	<0.29	<0.29	NE	NE
n-Propylbenzene	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<1.8	<0.18	<0.18	NE	NE
Naphthalene	<0.68	<0.68	<0.68	<0.68	<0.68	<0.68	<0.68	<0.68	<0.68	<0.68	<0.68	<0.68	<6.8	<0.68	<0.68	40	8
Chloroform	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	0.39 (Q)	<0.32	<3.2	<0.32	<b>0.77 (Q)</b>	6	0.6
Chloromethane	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	1.8	<0.24	<0.24	<2.4	<0.24	<0.24	3	0.3
cis-1,2-Dichloroethene	<1	<1	<1	<1	<1	<1	<1	<1	<1	<	<1	<10	<1	<1	<1	70	7
trans-1,2-Dichloroethene	<0.23	<0.23	<0.23	<0.23	<0.23	0.25 (Q)	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<2.3	<0.23	<0.23	100	20
Tetrachloroethene	3.5	4.3	5.6	3.1	3.8	4.2	8.2	5	6.4	8.7	10	<0.25	1,000	77	<0.25	5	0.5
Trichloroethene	1.1 (Q)	1.2 (Q)	2.3	3	1.6	8.9	1.9	0.76 (Q)	0.61 (Q)	2.8	1.5	<0.36	12	<0.36	<0.36	5	0.5

## Notes:

Bold concentrations exceed NR 140 PAL

Shaded concentrations exceed NR 140 ES

ES - NR 140 enforcement standard

MTBE - methyl tert-butyl ether

NE - not established

PAL - NR 140 preventive action limit

Q - concentration detected between laboratory limit of quantitation and limit of detection

µg/l - micrograms per liter

VOCs - volatile organic compounds



TABLE 2 (CONTINUED)

## SUMMARY OF GROUNDWATER SAMPLE ANALYTICAL RESULTS

## DECORAH SHOPPING CENTER ANNEX

1011-1025 South Main Street

West Bend, Wisconsin

Date	P-1							P-2					P-3		ES	PAL
	4/7/98	7/31/98	10/8/99	3/31/00	8/31/00	12/4/00	4/12/01	10/8/99	3/31/00	8/31/00	12/4/00	4/12/01	4/12/01	11/5/01		
Detected VOCs (µg/l)																
Trimethylbenzenes	<0.5	<0.5	<0.70	<0.50	<0.50	<0.50	<0.50	8.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	480	96
Benzene	<0.2	<0.2	<0.25	<0.25	<0.25	<0.25	<0.25	<b>0.58 (Q)</b>	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	5	0.5
Toluene	<0.3	<0.3	<0.38	<0.22	<0.22	<0.22	<0.22	1.5	<0.22	<0.22	<0.22	<0.22	0.31 (Q)	<0.22	1,000	200
Ethylbenzene	<0.2	<0.2	<0.32	<0.12	<0.12	<0.12	<0.12	2.2	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12	700	140
Xylenes	<0.6	<0.6	<1.04	<0.74	<0.74	<0.74	<0.74	8.7	<0.74	<0.74	<0.74	<0.74	<0.74	<0.74	10,000	1,000
MTBE	<0.2	<0.2	<0.21	<0.53	<0.53	<0.53	<0.53	<0.21	<0.53	<0.53	<0.53	<0.53	<0.53	<0.53	60	12
Isopropylbenzene	<0.2	<0.2	<0.33	<0.15	<0.15	<0.15	<0.15	0.35 (Q)	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	NE	NE
n-Butylbenzene	<0.2	<0.2	<0.43	<0.29	<0.29	<0.29	<0.29	<0.43	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	NE	NE
n-Propylbenzene	<0.3	<0.3	<0.36	<0.18	<0.18	<0.18	<0.18	0.88 (Q)	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	NE	NE
Naphthalene	<0.5	<0.5	<0.73	<0.68	<0.68	<0.68	<0.68	0.86 (Q)	<0.68	<0.68	<0.68	<0.68	<0.68	<0.68	40	8
Chloroform	<0.30	<0.30	<0.26	<0.32	<0.32	<0.32	<0.32	<0.26	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	6	0.6
Chloromethane	<0.8	<0.8	<0.29	<0.24	<0.24	<0.24	<0.24	<0.29	<0.24	<b>0.56 (Q)</b>	<0.24	<0.24	<0.24	<0.24	3	0.3
cis-1,2-Dichloroethene	<0.2	<0.2	<0.34	<1	<1	<1	<1	<0.34	<1	<1	<1	<1	<1	<1	70	7
trans-1,2-Dichloroethene	<0.20	<0.20	<0.46	<0.23	<0.23	<0.23	<0.23	<0.46	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	100	20
Tetrachloroethene	<0.3	<0.3	<0.56	<0.25	<0.25	<0.25	<0.25	<0.56	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	5	0.5
Trichloroethene	<0.2	<0.2	<0.39	<0.36	<0.36	<0.36	<0.36	<0.39	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	5	0.5

## Notes:

Bold concentrations exceed NR 140 PAL

Shaded concentrations exceed NR 140 ES

ES - NR 140 enforcement standard

MTBE - methyl tert-butyl ether

NE - not established

PAL - NR 140 preventive action limit

Q - concentration detected between laboratory limit of quantitation and limit of detection

µg/l - micrograms per liter

VOCs - volatile organic compounds

**TABLE 3**  
**SUMMARY OF NATURAL ATTENUATION INDICATOR PARAMETER RESULTS**

**DECORAH SHOPPING CENTER ANNEX**  
 1011-1025 South Main Street  
 West Bend, Wisconsin

	MW-3		MW-4	MW-5		MW-6		MW-7		MW-8		MW-9		MW-10		MW-11	MW-12	MW-13	MW-14	MW-15	P-1	P-2	P-3	
Date	4/12/01	11/5/01	4/12/01	4/12/01	11/5/01	4/12/01	11/5/01	4/12/01	11/5/01	4/12/01	11/5/01	4/12/01	11/5/01	4/12/01	11/5/01	11/5/01	11/5/01	11/5/01	11/5/01	11/5/01	4/12/01	4/12/01	4/12/01	11/5/01
Temperature (°F)	49.7	60.6	50.9	46.9	58.2	49.4	59.8	48.1	56.4	48.6	59.7	48.4	59.0	49.6	58.9	59.5	59.5	59.1	59.6	57.5	53.3	52.5	51.4	56.4
Dissolved Oxygen (mg/l)	1.2	3.1	0.4	3.4	2.7	1.9	4.5	4.0	5.5	7.7	3.3	3.9	4.2	4.9	4.0	3.0	3.9	3.5	7.3	5.9	0.6	2.3	1.9	1.6
pH	6.7	6.9	7.4	7.3	7.2	6.7	6.8	7.3	7.3	6.8	7.2	7.1	7.1	6.5	7.2	7.2	7.1	6.8	7.2	7.0	7.4	7.4	7.2	7.4
ORP (mV)	228	246	193	252	267	340	276	261	255	328	189	303	274	357	254	251	286	315	290	332	205	266	300	228
TOC (mg/l)	92	---	34	85	---	32	---	9.9	---	27	---	21	---	72	---	---	---	---	---	---	34	59	6.9	---

**Notes:**

- not analyzed
- °F - degrees Fahrenheit
- mg/l - milligrams per liter
- mV - millivolts
- ORP - oxidation-reduction potential
- µg/l - micrograms per liter
- TOC - total organic carbon

TABLE 4

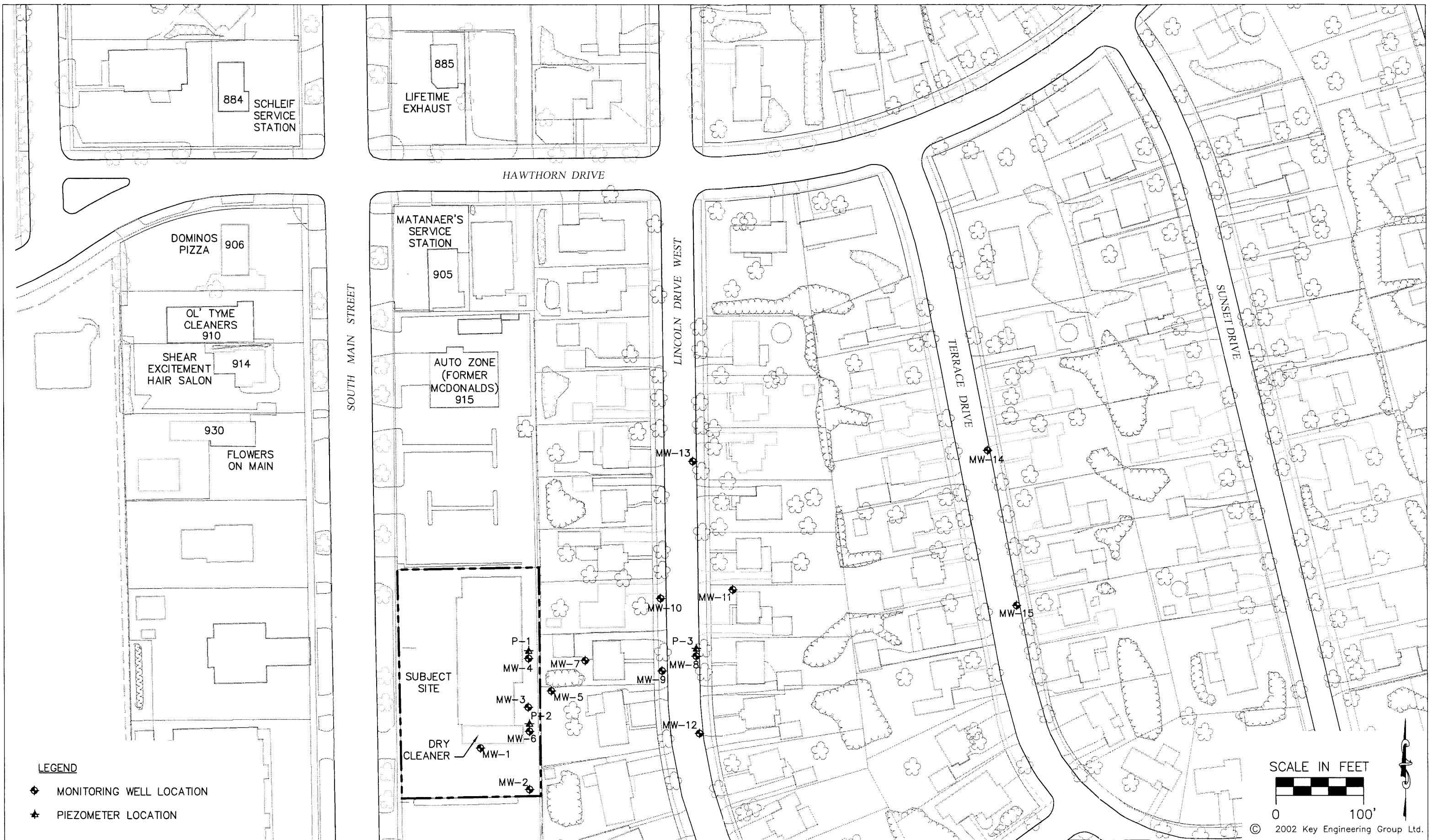
## SUMMARY OF GROUNDWATER ELEVATION DATA

DECORAH SHOPPING CENTER ANNEX  
1011-1025 South Main Street  
West Bend, Wisconsin

WELL NO.	TOP OF PVC ELEVATION (feet MSL)	DATE	DEPTH TO GROUNDWATER (feet)	GROUNDWATER ELEVATION (feet MSL)
MW-1	936.97	11/5/01	8.00	928.97
		11/15/01	8.27	928.70
		1/22/02	8.81	928.16
MW-2	936.23	11/5/01	6.64	929.59
		11/15/01	6.82	929.41
		1/22/02	7.19	929.04
MW-3	935.80	11/5/01	9.61	926.19
		11/15/01	9.76	926.04
		1/22/02	—	—
MW-4	935.66	11/5/01	9.88	925.78
		11/15/01	10.03	925.63
		1/22/02	10.35	925.31
MW-5	933.23	11/5/01	7.50	925.73
		11/15/01	7.65	925.58
		1/22/02	8.01	925.22
MW-6	935.83	11/5/01	9.24	926.59
		11/15/01	9.44	926.39
		1/22/02	9.77	926.06
MW-7	933.16	11/5/01	7.54	925.62
		11/15/01	7.68	925.48
		1/22/02	7.99	925.17
MW-8	932.27	11/5/01	7.07	925.20
		11/15/01	7.90	924.37
		1/22/02	7.58	924.69
MW-9	933.07	11/5/01	7.72	925.35
		11/15/01	7.88	925.19
		1/22/02	8.18	924.89
MW-10	932.84	11/5/01	7.47	925.37
		11/15/01	7.62	925.22
		1/22/02	7.96	924.88
MW-11	933.69	11/5/01	8.87	924.82
		11/15/01	—	—
		1/22/02	9.38	924.31
MW-12	932.27	11/5/01	7.02	925.25
		11/15/01	7.15	925.12
		1/22/02	7.46	924.81
MW-13	932.57	11/5/01	8.18	924.39
		11/15/01	8.00	924.57
		1/22/02	8.44	924.13
MW-14	932.75	11/5/01	11.15	921.60
		11/15/01	11.11	921.64
		1/22/02	11.44	921.31
MW-15	931.59	11/5/01	9.89	921.70
		11/15/01	9.94	921.65
		1/22/02	10.22	921.37
P-1	935.56	11/5/01	9.70	925.86
		11/15/01	9.84	925.72
		1/22/02	10.18	925.38
P-2	935.66	11/5/01	8.60	927.06
		11/15/01	9.23	926.43
		1/22/02	9.53	926.13
P-3	931.82	11/5/01	6.45	925.37
		11/15/01	6.55	925.27
		1/22/02	6.60	925.22
MW-4*	932.89	1/22/02	8.01	924.88
MW-7*	933.92	1/22/02	8.80	925.12

## Notes:

\* - Monitoring well installed in connection with Matanaer Auto Service property  
Benchmark: hydrant rim nut at 851 South Main Street (937.34)  
MSL - mean sea level



**LEGEND**  
 ◆ MONITORING WELL LOCATION  
 ▲ PIEZOMETER LOCATION

SCALE IN FEET  
 0 100'  
 © 2002 Key Engineering Group Ltd.

DESIGNED BY CMH	DATE 04/01/02
DRAWN BY CS	PROJECT 0702007
APPROVED BY GLJ	SHEET NO. 1
CADFILE G:\ACAD\0702007\7020073.dwg	
XREF LMAN	

FIGURE 1  
 SITE VICINITY LAYOUT  
 DECORAH SHOPPING CENTER ANNEX  
 1011-1025 SOUTH MAIN STREET  
 WEST BEND, WISCONSIN

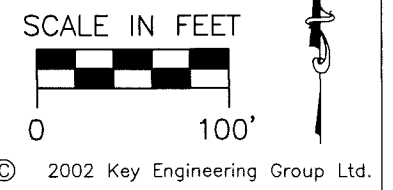
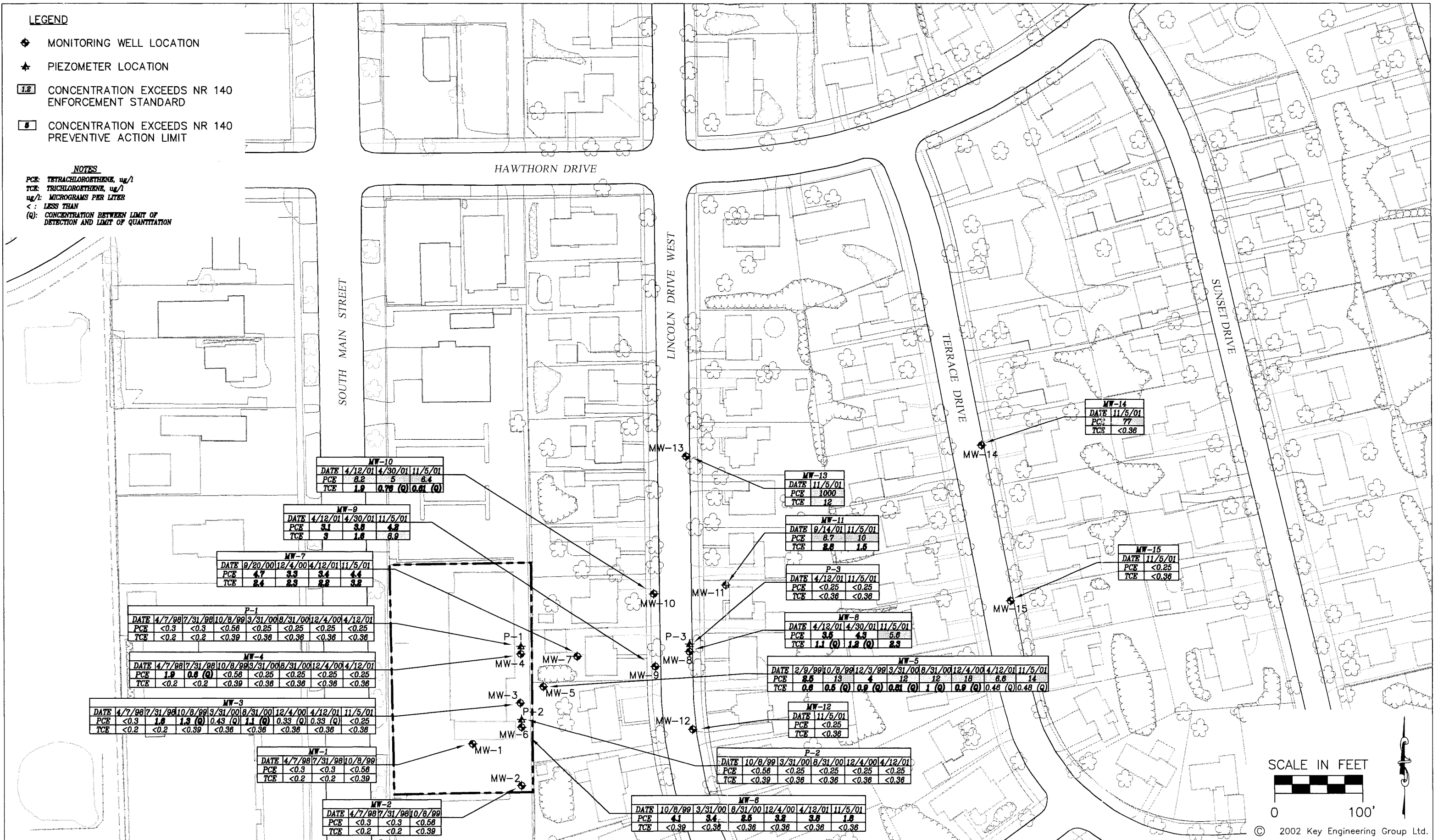


**LEGEND**

- ◆ MONITORING WELL LOCATION
- ★ PIEZOMETER LOCATION
- 1.2 CONCENTRATION EXCEEDS NR 140 ENFORCEMENT STANDARD
- 5 CONCENTRATION EXCEEDS NR 140 PREVENTIVE ACTION LIMIT

**NOTES**

PCE: TETRACHLOROETHENE, ug/l  
 TCE: TRICHLOROETHENE, ug/l  
 ug/l: MICROGRAMS PER LITER  
 <: LESS THAN  
 (Q): CONCENTRATION BETWEEN LIMIT OF DETECTION AND LIMIT OF QUANTITATION

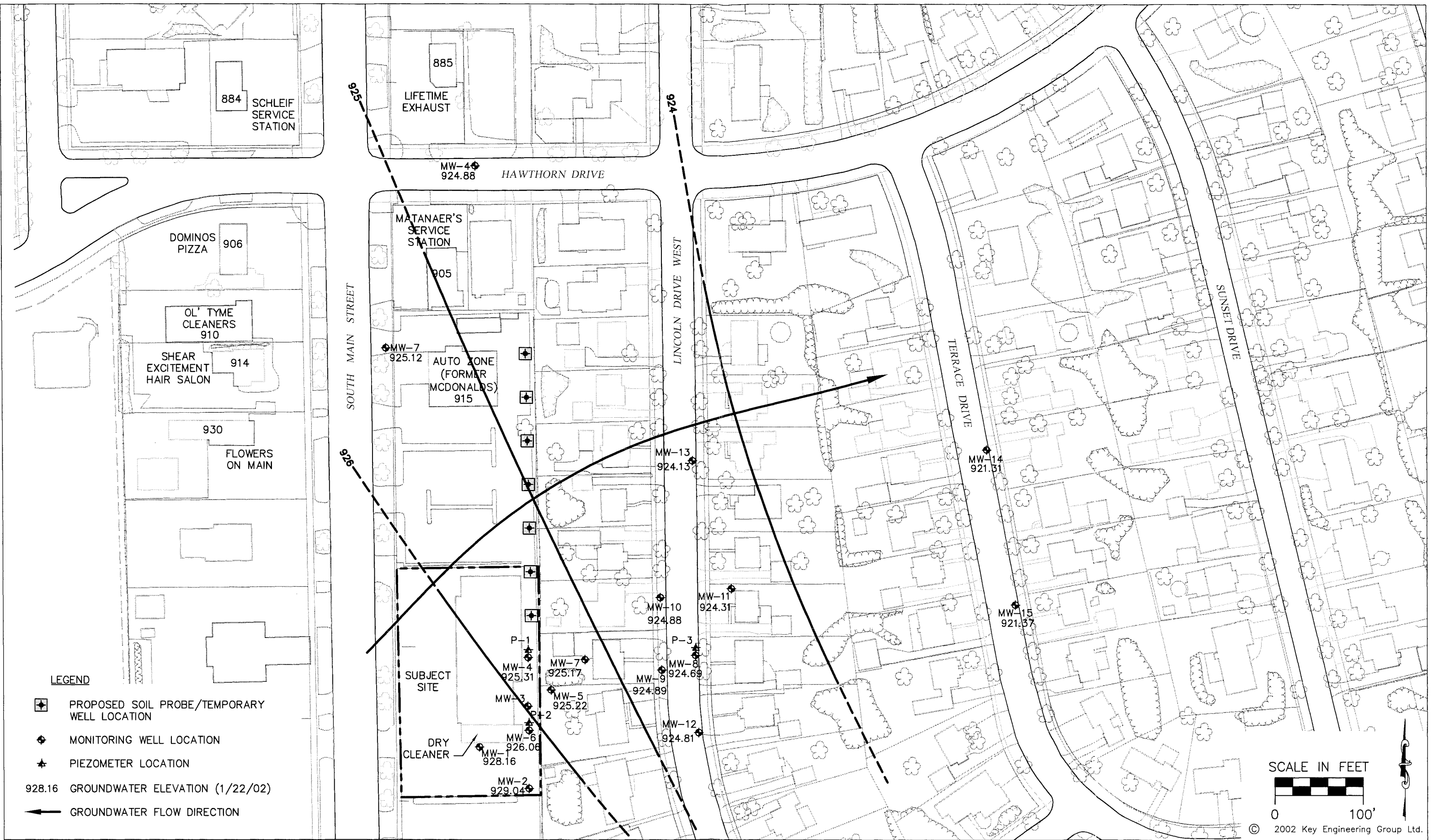


DESIGNED BY	CMH	DATE	04/01/02
DRAWN BY	CS	PROJECT	0702007
APPROVED BY	GLJ	SHEET NO.	2
CAD FILE	G:\ACAD\0702007\7020073.dwg		
REF	LWAM		

FIGURE 2  
 SUMMARY OF GROUNDWATER SAMPLE ANALYTICAL RESULTS

DECORAH SHOPPING CENTER ANNEX  
 1011-1025 SOUTH MAIN STREET  
 WEST BEND, WISCONSIN

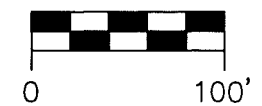




**LEGEND**

- ⊕ PROPOSED SOIL PROBE/TEMPORARY WELL LOCATION
- ⊕ MONITORING WELL LOCATION
- ⊕ PIEZOMETER LOCATION
- 928.16 GROUNDWATER ELEVATION (1/22/02)
- ← GROUNDWATER FLOW DIRECTION

SCALE IN FEET



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DESIGNED BY CMH	DATE 04/01/02
DRAWN BY CS	PROJECT 0702007
APPROVED BY GLJ	SHEET NO. 3
CADFILE G:\ACAD\0702007\7020073.dwg	
XREF LMAN	

FIGURE 3  
GROUNDWATER ELEVATION CONTOUR MAP (JANUARY 22, 2002)

DECORAH SHOPPING CENTER ANNEX  
1011-1025 SOUTH MAIN STREET  
WEST BEND, WISCONSIN



# **ATTACHMENT 1**

Route To: Watershed/Wastewater  Waste Management   
Remediation/Redevelopment  Other

Facility/Project Name <b>Decorah Shopping Center Annex</b>		License/Permit/Monitoring Number -		Boring Number <b>B-16</b>	
Boring Drilled By: Name of crew chief (first, last) and Firm <b>Dan &amp; Kevin Wisconsin Soil Testing</b>		Date Drilling Started <b>10/31/2001</b>		Date Drilling Completed <b>10/31/2001</b>	
Drilling Method <b>HSA</b>		WI Unique Well No. <b>PD 218</b>		DNR Well ID No.	
Common Well Name <b>MW-12</b>		Final Static Water Level <b>Feet MSL</b>		Surface Elevation <b>Feet MSL</b>	
Borehole Diameter <b>8.3 inches</b>		Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/> ) or Boring Location <input checked="" type="checkbox"/>		Local Grid Location	
State Plane <b>N. E S/C/N</b>		Lat _____"		<input type="checkbox"/> N <input type="checkbox"/> E	
<b>SW 1/4 of NW 1/4 of Section 24. T 11 N, R 19 E</b>		Long _____"		<input type="checkbox"/> S <input type="checkbox"/> W	
Facility ID		County <b>Washington</b>		County Code <b>67</b>	
		Civil Town/City/ or Village <b>West Bend</b>			

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties					Pocket Penetrometer	
									Standard Penetration	Moisture Content	Liquid Limit	Plasticity Index	P 200		
AUGE 1	12			Asphalt											
SS	24	7	1	Sand and gravel base course	GW										
	12	5	2	Brown, medium dense, fine to medium SAND, with trace of silt and little gravel, moist	SM			<1	10						
AUGE 2	6	6	3	Light brown, medium dense, fine to medium SAND, with trace of silt and gravel, moist				<1*	18						
SS	24	8	4												
	10	10	5												
AUGE 3	6	5	6		SM			<1	17						
SS	24	8	7												
	14	9	8												
AUGE 4	6	2	9	Grayish brown, medium dense, fine to coarse, silty SAND, wet	SM			<1	10						
SS	24	4	10												
	10	6	11												
AUGE 5	6	13	11	Light brownish-gray, medium dense to dense, fine to medium, silty SAND, wet	SM			<1	36						
SS	24	21	12												
	15	15													

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature *Todd M. [Signature]* Firm **KEY ENGINEERING GROUP, LTD.** Tel: (262) 375-4750  
W66 N215 COMMERCE CT. CEDARBURG, WI 53012 Fax: (262) 375-9680

This form is authorized by Chapters 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats. Completion of this form is mandatory. Failure to file this form may result in forfeiture of between \$10 and \$25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. NOTE: See instructions for more information, including where the completed form should be sent.





Route To: Watershed/Wastewater  Waste Management   
Remediation/Redevelopment  Other

Facility/Project Name <b>Decorah Shopping Center Annex</b>		License/Permit/Monitoring Number -		Boring Number <b>B-17</b>	
Boring Drilled By: Name of crew chief (first, last) and Firm <b>Dan &amp; Kevin Wisconsin Soil Testing</b>		Date Drilling Started <b>10/31/2001</b>	Date Drilling Completed <b>10/31/2001</b>		Drilling Method <b>HSA</b>
WI Unique Well No. <b>PD 219</b>	DNR Well ID No.	Common Well Name <b>MW-13</b>	Final Static Water Level Feet MSL	Surface Elevation Feet MSL	Borehole Diameter <b>8.3 inches</b>
Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/> ) or Boring Location <input checked="" type="checkbox"/> State Plane <b>N, E S/C/N</b> SW 1/4 of NW 1/4 of Section <b>24, T 11 N. R 19 E</b>				Local Grid Location Lat _____ " <input type="checkbox"/> N <input type="checkbox"/> E Long _____ " Feet <input type="checkbox"/> S Feet <input type="checkbox"/> W	
Facility ID	County <b>Washington</b>	County Code <b>67</b>	Civil Town/City/ or Village <b>West Bend</b>		

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties					Pocket Penetrometer
									Standard Penetration	Moisture Content	Liquid Limit	Plasticity Index	P 200	
AUGE 1 SS	12 24 12	6 4 5	1	Asphalt Sand and gravel base course	GW			<1	9					
AUGE 2 SS	6 24 8	2 2 4	2-4	Light brown, loose, fine to medium SAND, with trace of silt, moist	SM			<1*	6					
AUGE 3 SS	6 24 12	5 8 3	5-7	Light brown, medium dense, silty fine to medium SAND, with trace of gravel				<1	11					
AUGE 4 SS	6 24 12	2 4 4	8-10	-Loose  -Wet	SM			<1	8					
AUGE 5 SS	6 24 14	6 9 9	11-12					<1	18					

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature *Todd M. H.* Firm **KEY ENGINEERING GROUP, LTD.** Tel: (262) 375-4750  
W66 N215 COMMERCE CT. CEDARBURG, WI 53012 Fax: (262) 375-9680

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Route To: Watershed/Wastewater  Waste Management   
Remediation/Redevelopment  Other

Facility/Project Name <b>Decorah Shopping Center Annex</b>		License/Permit Monitoring Number -		Boring Number <b>B-18</b>	
Boring Drilled By: Name of crew chief (first, last) and Firm <b>Dan &amp; Kevin Wisconsin Soil Testing</b>		Date Drilling Started <b>10/31 2001</b>		Date Drilling Completed <b>10/31/2001</b>	
WI Unique Well No. <b>PD 220</b>		DNR Well ID No.		Common Well Name <b>MW-14</b>	
Final Static Water Level <b>Feet MSL</b>		Surface Elevation <b>Feet MSL</b>		Borehole Diameter <b>8.3 inches</b>	
Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/> ) or Boring Location <input checked="" type="checkbox"/>		State Plane <b>N, E S/C/N</b>		Local Grid Location <input type="checkbox"/> N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W	
SW 1/4 of NW 1/4 of Section <b>24,</b>		T <b>11</b> N, R <b>19</b> E		Long _____ "	
Facility ID		County <b>Washington</b>		County Code <b>67</b>	
				Civil Town/City/ or Village <b>West Bend</b>	

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	U S C S	Graphic Log	Well Diagram	PID/FID	Soil Properties					Pocket Penetrometer	
									Standard Penetration	Moisture Content	Liquid Limit	Plasticity Index	P 200		
AUGE 1	12	5	1	Asphalt	GW			<1							
SS	24	5	1	Sand and gravel base course				<1	10						
AUGE 2	6	6	3	Light brown, medium dense, silty fine SAND, moist	SM			<1*	17						
SS	24	10	4												
AUGE 3	6	4	6	Light brown, medium dense, fine SAND, with trace of silt, moist	SP			<1	13						
SS	24	6	7												
AUGE 4	6	6	8	Light brown, medium dense, silty fine SAND, wet	SM			<1	15						
SS	24	6	9												
AUGE 5	6	7	11												
SS	24	6	11												
		6	12												

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature *Todd M. Alt* Firm **KEY ENGINEERING GROUP, LTD.** Tel: (262) 375-4750  
W66 N215 COMMERCE CT. CEDARBURG, WI 53012 Fax: (262) 375-9680

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Route To:  Watershed/Wastewater  Waste Management   
 Remediation/Redevelopment  Other

Facility/Project Name <b>Decorah Shopping Center Annex</b>		License/Permit/Monitoring Number -		Boring Number <b>B-19</b>	
Boring Drilled By: Name of crew chief (first, last) and Firm <b>Dan &amp; Kevin Wisconsin Soil Testing</b>		Date Drilling Started <b>10/31/2001</b>	Date Drilling Completed <b>10/31/2001</b>		Drilling Method <b>HSA</b>
WI Unique Well No. <b>PD 230</b>	DNR Well ID No.	Common Well Name <b>MW-15</b>	Final Static Water Level <b>Feet MSL</b>	Surface Elevation <b>Feet MSL</b>	Borehole Diameter <b>8.3 inches</b>
Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/> ) or Boring Location <input checked="" type="checkbox"/>		State Plane <b>N, E S/C/N</b>		Local Grid Location	
<b>SW 1/4 of NW 1/4 of Section 24, T 11 N, R 19 E</b>		Lat _____		<input type="checkbox"/> N <input type="checkbox"/> E	
		Long _____		<input type="checkbox"/> S <input type="checkbox"/> W	
Facility ID	County <b>Washington</b>	County Code <b>67</b>	Civil Town/City/ or Village <b>West Bend</b>		

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	U.S.C.S.	Graphic Log	Well Diagram	PID/FID	Soil Properties					Pocket Penetrometer	
									Standard Penetration	Moisture Content	Liquid Limit	Plasticity Index	P 200		
AUGER 1	12			Asphalt											
SS	24	12	1	Brown sand and gravel base course	GW										
	16	6	2	Reddish brown, medium dense, fine to medium silty SAND, with trace of gravel, moist (fill)	SM			<1	12						
AUGER 2	6	9	3	Light brown, medium dense, silty fine SAND, moist											
SS	24	10	4					<1*	20						
	16	10	5												
AUGER 3	6	8	6												
SS	24	11	7					<1	25						
	16	14	8		SM										
AUGER 4	6	11	9												
SS	24	17	10					<1	37						
	20	20	11												
AUGER 5	6	2	11	-Wet											
SS	24	8	12					<1	19						
	14	11													

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature <i>Todd M. [Signature]</i>	Firm <b>KEY ENGINEERING GROUP, LTD.</b> W66 N215 COMMERCE CT. CEDARBURG, WI 53012	Tel: (262) 375-4750 Fax: (262) 375-9680
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This form is authorized by Chapters 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats. Completion of this form is mandatory. Failure to file this form may result in forfeiture of between \$10 and \$25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. NOTE: See instructions for more information, including where the completed form should be sent.







Route To:  Watershed/Wastewater  Waste Management   
 Remediation/Redevelopment  Other

Facility/Project Name <b>Decorah Shopping Center Annex</b>		Local Grid Location of Well _____ ft. <input type="checkbox"/> N. _____ ft. <input type="checkbox"/> E. _____ ft. <input type="checkbox"/> S. _____ ft. <input type="checkbox"/> W.		Well Name <b>MW-13</b>	
Facility License, Permit or Monitoring No.		Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/> ) or Well Location <input checked="" type="checkbox"/> Lat. _____ " Long. _____ " or		Wis. Unique Well No. <b>PD 219</b>   DNR Well Number _____	
Facility ID		St. Plane _____ ft. N, _____ ft. E. S/C/N		Date Well Installed <b>10/31/2001</b>	
Type of Well Well Code <b>11/mw</b>		Section Location of Waste/Source SW <u>1/4</u> of NW <u>1/4</u> of Sec. <u>24</u> , T. <u>11</u> N, R. <u>19</u> <input checked="" type="checkbox"/> E <input type="checkbox"/> W		Well Installed By: (Person's Name and Firm) <b>Todd McQuestion</b>	
Distance from Waste/Source ft. _____		Location of Well Relative to Waste/Source u <input type="checkbox"/> Upgradient s <input type="checkbox"/> Sidegradient d <input type="checkbox"/> Downgradient n <input type="checkbox"/> Not Known		Gov. Lot Number _____	
Enf. Stds. Apply <input type="checkbox"/>				Key Engineering Group, Ltd.	

<p>A. Protective pipe, top elevation _____ ft. MSL</p> <p>B. Well casing, top elevation _____ ft. MSL</p> <p>C. Land surface elevation _____ ft. MSL</p> <p>D. Surface seal, bottom _____ ft. MSL or <u>1.0</u> ft.</p>		<p>1. Cap and lock? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>2. Protective cover pipe: a. Inside diameter: _____ <u>10.0</u> in. b. Length: _____ <u>1.0</u> ft. c. Material: Steel <input checked="" type="checkbox"/> 0.4 Other <input type="checkbox"/> ____ d. Additional protection? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If yes, describe: _____</p> <p>3. Surface seal: Bentonite <input type="checkbox"/> 3.0 Concrete <input checked="" type="checkbox"/> 0.1 Other <input type="checkbox"/> ____</p> <p>4. Material between well casing and protective pipe: Bentonite <input checked="" type="checkbox"/> 3.0 Other <input type="checkbox"/> ____</p> <p>5. Annular space seal: a. Granular/Chipped Bentonite <input checked="" type="checkbox"/> 3.3 b. _____ Lbs/gal mud weight . . . Bentonite-sand slurry <input type="checkbox"/> 3.5 c. _____ Lbs/gal mud weight . . . Bentonite slurry <input type="checkbox"/> 3.1 d. _____ % Bentonite . . . Bentonite-cement grout <input type="checkbox"/> 5.0 e. _____ Ft<sup>3</sup> volume added for any of the above f. How installed: Tremie <input type="checkbox"/> 0.1 Tremie pumped <input type="checkbox"/> 0.2 Gravity <input checked="" type="checkbox"/> 0.8</p> <p>6. Bentonite seal: a. Bentonite granules <input checked="" type="checkbox"/> 3.3 b. <input type="checkbox"/> 1/4 in. <input type="checkbox"/> 3/8 in. <input type="checkbox"/> 1/2 in. Bentonite chips <input type="checkbox"/> 3.2 c. _____ Other <input type="checkbox"/> ____</p> <p>7. Fine sand material: Manufacturer, product name &amp; mesh size a. <u>Red Flint 35/45 25 lbs.</u> _____ b. Volume added _____ ft<sup>3</sup></p> <p>8. Filter pack material: Manufacturer, product name &amp; mesh size a. <u>Red Flint #30 200 lbs.</u> _____ b. Volume added _____ ft<sup>3</sup></p> <p>9. Well casing: Flush threaded PVC schedule 40 <input checked="" type="checkbox"/> 2.3 Flush threaded PVC schedule 80 <input type="checkbox"/> 2.4 Other <input type="checkbox"/> ____</p> <p>10. Screen material: <u>PVC</u> _____ a. Screen Type: Factory cut <input checked="" type="checkbox"/> 1.1 Continuous slot <input type="checkbox"/> 0.1 Other <input type="checkbox"/> ____ b. Manufacturer <u>Environmental Well Products</u> c. Slot size: _____ <u>0.010</u> in. d. Slotted length: _____ <u>10.0</u> ft.</p> <p>11. Backfill material (below filter pack): None <input checked="" type="checkbox"/> 1.4 Other <input type="checkbox"/> ____</p>
<p>E. Bentonite seal, top _____ ft. MSL or <u>1.0</u> ft.</p> <p>F. Fine sand, top _____ ft. MSL or <u>3.0</u> ft.</p> <p>G. Filter pack, top _____ ft. MSL or <u>5.0</u> ft.</p> <p>H. Screen joint, top _____ ft. MSL or <u>5.5</u> ft.</p> <p>I. Well bottom _____ ft. MSL or <u>15.5</u> ft.</p> <p>J. Filter pack, bottom _____ ft. MSL or <u>16.0</u> ft.</p> <p>K. Borehole, bottom _____ ft. MSL or <u>16.0</u> ft.</p> <p>L. Borehole, diameter <u>8.3</u> in.</p> <p>M. O.D. well casing <u>2.38</u> in.</p> <p>N. I.D. well casing <u>2.00</u> in.</p>		

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature: Todd McQuestion Firm: **KEY ENGINEERING GROUP, LTD.** Tel: (262) 375-4750  
W66 N215 COMMERCE CT. CEDARBURG, WI 53012 Fax: (262) 375-9680

Please complete both Forms 4400-113A and 4400-113B and return them to the appropriate DNR office and bureau. Completion of these reports is required by chs. 160, 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291, 292, 293, 295, and 299, Wis. Stats., failure to file these forms may result in a forfeiture of between \$10 and \$25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on these forms is not intended to be used for any other purpose. NOTE: See the instructions for more information, including where the completed forms should be sent.

Route To: Watershed/Wastewater  Waste Management   
Remediation/Redevelopment  Other

Facility/Project Name <b>Decorah Shopping Center Annex</b>	Local Grid Location of Well ft. <input type="checkbox"/> N. <input type="checkbox"/> E. <input type="checkbox"/> S. <input type="checkbox"/> W.		Well Name <b>MW-14</b>
Facility License, Permit or Monitoring No.	Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/> ) or Well Location <input checked="" type="checkbox"/>	Wis. Unique Well No. PD 220	DNR Well Number
Facility ID	Lat. _____ Long. _____ or _____	Date Well Installed 10/31/2001	
Type of Well Well Code 11/mw	St. Plane _____ ft. N, _____ ft. E. S/C/N	Well Installed By: (Person's Name and Firm) Todd McQuiston	
Distance from Waste/Source ft.	Section Location of Waste/Source SW 1/4 of NW 1/4 of Sec. 24, T. 11 N, R. 19 <input checked="" type="checkbox"/> E <input type="checkbox"/> W	Key Engineering Group, Ltd.	
Enf. Stds. Apply <input type="checkbox"/>	Location of Well Relative to Waste/Source u <input type="checkbox"/> Upgradient s <input type="checkbox"/> Sidegradient d <input type="checkbox"/> Downgradient n <input type="checkbox"/> Not Known	Gov. Lot Number	

A. Protective pipe, top elevation _____ ft. MSL		1. Cap and lock? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
B. Well casing, top elevation _____ ft. MSL		2. Protective cover pipe: a. Inside diameter: _____ 10.0 in. b. Length: _____ 1.0 ft. c. Material: Steel <input checked="" type="checkbox"/> 04 Other <input type="checkbox"/> __
C. Land surface elevation _____ ft. MSL		d. Additional protection? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If yes, describe: _____
D. Surface seal, bottom _____ ft. MSL or 1.0 ft.		3. Surface seal: Bentonite <input type="checkbox"/> 30 Concrete <input checked="" type="checkbox"/> 01 Other <input type="checkbox"/> __
12. USCS classification of soil near screen: GP <input type="checkbox"/> GM <input type="checkbox"/> GC <input type="checkbox"/> GW <input type="checkbox"/> SW <input type="checkbox"/> SP <input type="checkbox"/> SM <input checked="" type="checkbox"/> SC <input type="checkbox"/> ML <input type="checkbox"/> MH <input type="checkbox"/> CL <input type="checkbox"/> CH <input type="checkbox"/> Bedrock <input type="checkbox"/>		4. Material between well casing and protective pipe: Bentonite <input checked="" type="checkbox"/> 30 Other <input type="checkbox"/> __
13. Sieve analysis attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		5. Annular space seal: a. Granular/Chipped Bentonite <input checked="" type="checkbox"/> 33 b. _____ Lbs/gal mud weight ... Bentonite-sand slurry <input type="checkbox"/> 35 c. _____ Lbs/gal mud weight ... Bentonite slurry <input type="checkbox"/> 31 d. _____ % Bentonite ... Bentonite-cement grout <input type="checkbox"/> 50 e. _____ Ft <sup>3</sup> volume added for any of the above f. How installed: Tremie <input type="checkbox"/> 01 Tremie pumped <input type="checkbox"/> 02 Gravity <input checked="" type="checkbox"/> 08
14. Drilling method used: Rotary <input type="checkbox"/> 50 Hollow Stem Auger <input checked="" type="checkbox"/> 41 Other <input type="checkbox"/> __		6. Bentonite seal: a. Bentonite granules <input checked="" type="checkbox"/> 33 b. <input type="checkbox"/> 1/4 in. <input type="checkbox"/> 3/8 in. <input type="checkbox"/> 1/2 in. Bentonite chips <input type="checkbox"/> 32 c. _____ Other <input type="checkbox"/> __
15. Drilling fluid used: Water <input type="checkbox"/> 02 Air <input type="checkbox"/> 01 Drilling Mud <input type="checkbox"/> 03 None <input checked="" type="checkbox"/> 99		7. Fine sand material: Manufacturer, product name & mesh size a. _____ Red Flint 35/45 25 lbs. _____ b. Volume added _____ ft <sup>3</sup>
16. Drilling additives used? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Describe _____		8. Filter pack material: Manufacturer, product name & mesh size a. _____ Red Flint #30 200 lbs. _____ b. Volume added _____ ft <sup>3</sup>
17. Source of water (attach analysis, if required): NA		9. Well casing: Flush threaded PVC schedule 40 <input checked="" type="checkbox"/> 23 Flush threaded PVC schedule 80 <input type="checkbox"/> 24 Other <input type="checkbox"/> __
E. Bentonite seal, top _____ ft. MSL or 1.0 ft.	10. Screen material: PVC a. Screen Type: Factory cut <input checked="" type="checkbox"/> 11 Continuous slot <input type="checkbox"/> 01 Other <input type="checkbox"/> __	
F. Fine sand, top _____ ft. MSL or 3.0 ft.	b. Manufacturer Environmental Well Products c. Slot size: 0.010 in. d. Slotted length: 10.0 ft.	
G. Filter pack, top _____ ft. MSL or 5.0 ft.	11. Backfill material (below filter pack): None <input checked="" type="checkbox"/> 14 Other <input type="checkbox"/> __	
H. Screen joint, top _____ ft. MSL or 5.5 ft.		
I. Well bottom _____ ft. MSL or 15.5 ft.		
J. Filter pack, bottom _____ ft. MSL or 16.0 ft.		
K. Borehole, bottom _____ ft. MSL or 16.0 ft.		
L. Borehole, diameter 8.3 in.		
M. O.D. well casing 2.38 in.		
N. I.D. well casing 2.00 in.		

I hereby certify that the information on this form is true and correct to the best of my knowledge.  
Signature: Todd McQuiston Firm: KEY ENGINEERING GROUP, LTD.  
W66 N215 COMMERCE CT. CEDARBURG, WI 53012 Tel: (262) 375-4750 Fax: (262) 375-9680

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Route To: Watershed/Wastewater  Waste Management   
Remediation/Redevelopment  Other

Facility/Project Name Decorah Shopping Center Annex	Local Grid Location of Well _____ ft. <input type="checkbox"/> N. _____ ft. <input type="checkbox"/> E. _____ ft. <input type="checkbox"/> S. _____ ft. <input type="checkbox"/> W.	Well Name MW-15
Facility License, Permit or Monitoring No.	Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/> ) or Well Location <input checked="" type="checkbox"/> Lat. _____ " Long. _____ " or	Wis. Unique Well No. PD 230   DNR Well Number
Facility ID	St. Plane _____ ft. N, _____ ft. E. S/C/N	Date Well Installed 10/31/2001
Type of Well Well Code 11.mw	Section Location of Waste/Source SW 1/4 of NW 1/4 of Sec. 24, T. 11 N. R. 19 <input checked="" type="checkbox"/> E <input type="checkbox"/> W	Well Installed By: (Person's Name and Firm) Todd McQuiston
Distance from Waste/Source ft.	Location of Well Relative to Waste/Source u <input type="checkbox"/> Upgradient s <input type="checkbox"/> Sidegradient d <input type="checkbox"/> Downgradient n <input type="checkbox"/> Not Known	Gov. Lot Number
Enf. Stds. Apply <input type="checkbox"/>		Key Engineering Group, Ltd.

A. Protective pipe, top elevation _____ ft. MSL	1. Cap and lock? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
B. Well casing, top elevation _____ ft. MSL	2. Protective cover pipe: a. Inside diameter: 10.0 in. b. Length: 1.0 ft. c. Material: Steel <input checked="" type="checkbox"/> 04 Other <input type="checkbox"/> __
C. Land surface elevation _____ ft. MSL	d. Additional protection? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If yes, describe: _____
D. Surface seal, bottom _____ ft. MSL or 1.0 ft.	3. Surface seal: Bentonite <input type="checkbox"/> 30 Concrete <input checked="" type="checkbox"/> 01 Other <input type="checkbox"/> __
12. USCS classification of soil near screen: GP <input type="checkbox"/> GM <input type="checkbox"/> GC <input type="checkbox"/> GW <input type="checkbox"/> SW <input type="checkbox"/> SP <input type="checkbox"/> SM <input checked="" type="checkbox"/> SC <input type="checkbox"/> ML <input type="checkbox"/> MH <input type="checkbox"/> CL <input type="checkbox"/> CH <input type="checkbox"/> Bedrock <input type="checkbox"/>	4. Material between well casing and protective pipe: Bentonite <input checked="" type="checkbox"/> 30 Other <input type="checkbox"/> __
13. Sieve analysis attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	5. Annular space seal: a. Granular/Chipped Bentonite <input checked="" type="checkbox"/> 33 b. _____ Lbs/gal mud weight ... Bentonite-sand slurry <input type="checkbox"/> 35 c. _____ Lbs/gal mud weight ... Bentonite slurry <input type="checkbox"/> 31 d. _____ % Bentonite ... Bentonite-cement grout <input type="checkbox"/> 50 e. _____ Ft <sup>3</sup> volume added for any of the above f. How installed: Tremie <input type="checkbox"/> 01 Tremie pumped <input type="checkbox"/> 02 Gravity <input checked="" type="checkbox"/> 08
14. Drilling method used: Rotary <input type="checkbox"/> 50 Hollow Stem Auger <input checked="" type="checkbox"/> 41 Other <input type="checkbox"/> __	6. Bentonite seal: a. Bentonite granules <input checked="" type="checkbox"/> 33 b. <input type="checkbox"/> 1/4 in. <input type="checkbox"/> 3/8 in. <input type="checkbox"/> 1/2 in. Bentonite chips <input type="checkbox"/> 32 c. _____ Other <input type="checkbox"/> __
15. Drilling fluid used: Water <input type="checkbox"/> 02 Air <input type="checkbox"/> 01 Drilling Mud <input type="checkbox"/> 03 None <input checked="" type="checkbox"/> 99	7. Fine sand material: Manufacturer, product name & mesh size a. Red Flint 35/45 50 lbs. _____ b. Volume added _____ ft <sup>3</sup>
16. Drilling additives used? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Describe _____	8. Filter pack material: Manufacturer, product name & mesh size a. Red Flint 200 lbs. _____ b. Volume added 30 ft <sup>3</sup>
17. Source of water (attach analysis, if required): NA	9. Well casing: Flush threaded PVC schedule 40 <input checked="" type="checkbox"/> 23 Flush threaded PVC schedule 80 <input type="checkbox"/> 24 Other <input type="checkbox"/> __
E. Bentonite seal, top _____ ft. MSL or 1.0 ft.	10. Screen material: PVC a. Screen Type: Factory cut <input checked="" type="checkbox"/> 11 Continuous slot <input type="checkbox"/> 01 Other <input type="checkbox"/> __
F. Fine sand, top _____ ft. MSL or 3.0 ft.	b. Manufacturer Environmental Well Products c. Slot size: 0.010 in. d. Slotted length: 10.0 ft.
G. Filter pack, top _____ ft. MSL or 5.0 ft.	11. Backfill material (below filter pack): None <input checked="" type="checkbox"/> 14 Other <input type="checkbox"/> __
H. Screen joint, top _____ ft. MSL or 5.5 ft.	
I. Well bottom _____ ft. MSL or 15.5 ft.	
J. Filter pack, bottom _____ ft. MSL or 16.0 ft.	
K. Borehole, bottom _____ ft. MSL or 16.0 ft.	
L. Borehole, diameter 8.3 in.	
M. O.D. well casing 2.38 in.	
N. I.D. well casing 2.00 in.	

I hereby certify that the information on this form is true and correct to the best of my knowledge.  
Signature: Todd McQuiston Firm: KEY ENGINEERING GROUP, LTD. Tel: (262) 375-4750  
W66 N215 COMMERCE CT. CEDARBURG, WI 53012 Fax: (262) 375-9680

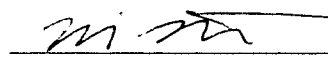
Please complete both Forms 4400-113A and 4400-113B and return them to the appropriate DNR office and bureau. Completion of these reports is required by chs. 160, 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291, 292, 293, 295, and 299, Wis. Stats., failure to file these forms may result in a forfeiture of between \$10 and \$25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on these forms is not intended to be used for any other purpose. NOTE: See the instructions for more information, including where the completed forms should be sent.

Route To: Watershed/Wastewater  Waste Management   
Remediation/Redevelopment  Other

Facility/Project Name <b>Decorah Shopping Center Annex</b>	County <b>Washington</b>	Well Name <b>MW-12</b>
Facility License, Permit or Monitoring Number -	County Code <b>67</b>	Wis. Unique Well Number <b>PD 218</b>
DNR Well Number		

<p>1. Can this well be purged dry? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>2. Well development method:</p> <p>surged with bailer and bailed <input type="checkbox"/> 4 1</p> <p>surged with bailer and pumped <input type="checkbox"/> 6 1</p> <p>surged with block and bailed <input type="checkbox"/> 4 2</p> <p>surged with block and pumped <input type="checkbox"/> 6 2</p> <p>surged with block, bailed, and pumped <input type="checkbox"/> 7 0</p> <p>compressed air <input type="checkbox"/> 2 0</p> <p>bailed only <input type="checkbox"/> 1 0</p> <p>pumped only <input checked="" type="checkbox"/> 5 1</p> <p>pumped slowly <input type="checkbox"/> 5 0</p> <p>other _____ <input type="checkbox"/> --</p> <p>3. Time spent developing well <b>65 min.</b></p> <p>4. Depth of well (from top of well casing) <b>14.9 ft.</b></p> <p>5. Inside diameter of well <b>2.00 in.</b></p> <p>6. Volume of water in filter pack and well casing <b>7.5 gal.</b></p> <p>7. Volume of water removed from well <b>20.0 gal.</b></p> <p>8. Volume of water added (if any) <b>0.0 gal.</b></p> <p>9. Source of water added <u>NA</u></p> <p>10. Analysis performed on water added? <input type="checkbox"/> Yes <input type="checkbox"/> No (If yes, attach results)</p>	<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th style="text-align: center;">Before Development</th> <th style="text-align: center;">After Development</th> </tr> </thead> <tbody> <tr> <td>11. Depth to Water (from top of well casing)</td> <td style="text-align: center;">a. 7.00 ft.</td> <td style="text-align: center;">7.02 ft.</td> </tr> <tr> <td>Date</td> <td style="text-align: center;">b. 11/5/2001</td> <td style="text-align: center;">11/5/2001</td> </tr> <tr> <td>Time</td> <td style="text-align: center;">c. 12:05 <input checked="" type="checkbox"/> p.m.</td> <td style="text-align: center;">01:10 <input checked="" type="checkbox"/> p.m.</td> </tr> <tr> <td>12. Sediment in well bottom</td> <td style="text-align: center;">0.0 inches</td> <td style="text-align: center;">0.0 inches</td> </tr> <tr> <td>13. Water clarity</td> <td style="text-align: center;">Clear <input type="checkbox"/> 1 0 Turbid <input checked="" type="checkbox"/> 1 5 (Describe)</td> <td style="text-align: center;">Clear <input checked="" type="checkbox"/> 2 0 Turbid <input type="checkbox"/> 2 5 (Describe)</td> </tr> <tr> <td colspan="3">Fill in if drilling fluids were used and well is at solid waste facility:</td> </tr> <tr> <td>14. Total suspended solids</td> <td style="text-align: center;">mg/l</td> <td style="text-align: center;">mg/l</td> </tr> <tr> <td>15. COD</td> <td style="text-align: center;">mg/l</td> <td style="text-align: center;">mg/l</td> </tr> <tr> <td colspan="3">16. Well developed by: Person's Name and Firm <b>Michael Mantz</b> <b>Key Engineering Group, Ltd.</b></td> </tr> </tbody> </table>		Before Development	After Development	11. Depth to Water (from top of well casing)	a. 7.00 ft.	7.02 ft.	Date	b. 11/5/2001	11/5/2001	Time	c. 12:05 <input checked="" type="checkbox"/> p.m.	01:10 <input checked="" type="checkbox"/> p.m.	12. Sediment in well bottom	0.0 inches	0.0 inches	13. Water clarity	Clear <input type="checkbox"/> 1 0 Turbid <input checked="" type="checkbox"/> 1 5 (Describe)	Clear <input checked="" type="checkbox"/> 2 0 Turbid <input type="checkbox"/> 2 5 (Describe)	Fill in if drilling fluids were used and well is at solid waste facility:			14. Total suspended solids	mg/l	mg/l	15. COD	mg/l	mg/l	16. Well developed by: Person's Name and Firm <b>Michael Mantz</b> <b>Key Engineering Group, Ltd.</b>		
	Before Development	After Development																													
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16. Well developed by: Person's Name and Firm <b>Michael Mantz</b> <b>Key Engineering Group, Ltd.</b>																															

17. Additional comments on development:

<p>Facility Address or Owner/Responsible Party Address</p> <p>Name: _____</p> <p>Firm: _____</p> <p>Street: _____</p> <p>City/State/Zip: _____</p>	<p>I hereby certify that the above information is true and correct to the best of my knowledge.</p> <p>Signature: <u></u></p> <p>Print Name: <u>Michael Mantz</u></p> <p>Firm: <u>KEY ENGINEERING GROUP, LTD.</u></p>
--	---

NOTE: See instructions for more information including a list of county codes and well type codes.

Route To: Watershed/Wastewater  Waste Management   
Remediation/Redevelopment  Other

Facility/Project Name <b>Decorah Shopping Center Annex</b>	County <b>Washington</b>	Well Name <b>MW-13</b>	
Facility License, Permit or Monitoring Number -	County Code <b>67</b>	Wis. Unique Well Number <b>PD 219</b>	DNR Well Number

1. Can this well be purged dry?  Yes  No

2. Well development method:

surged with bailer and bailed	<input type="checkbox"/>	4 1
surged with bailer and pumped	<input type="checkbox"/>	6 1
surged with block and bailed	<input type="checkbox"/>	4 2
surged with block and pumped	<input type="checkbox"/>	6 2
surged with block, bailed, and pumped	<input type="checkbox"/>	7 0
compressed air	<input type="checkbox"/>	2 0
bailed only	<input type="checkbox"/>	1 0
pumped only	<input checked="" type="checkbox"/>	5 1
pumped slowly	<input type="checkbox"/>	5 0
other _____	<input type="checkbox"/>	---

3. Time spent developing well **40 min.**

4. Depth of well (from top of well casing) **15.0 ft.**

5. Inside diameter of well **2.00 in.**

6. Volume of water in filter pack and well casing **6.9 gal.**

7. Volume of water removed from well **15.0 gal.**

8. Volume of water added (if any) **0.0 gal.**

9. Source of water added NA

10. Analysis performed on water added?  Yes  No  
(If yes, attach results)

	Before Development	After Development
11. Depth to Water (from top of well casing)	a. <b>7.82 ft.</b>	<b>8.18 ft.</b>
Date	b. <b>11/5/2001</b>	<b>11/5/2001</b>
Time	c. <b>11:45</b> <input checked="" type="checkbox"/> a.m. <input type="checkbox"/> p.m.	<b>12:25</b> <input type="checkbox"/> a.m. <input checked="" type="checkbox"/> p.m.
12. Sediment in well bottom	<b>0.0 inches</b>	<b>0.0 inches</b>
13. Water clarity	Clear <input type="checkbox"/> 1 0 Turbid <input checked="" type="checkbox"/> 1 5 (Describe)	Clear <input checked="" type="checkbox"/> 2 0 Turbid <input type="checkbox"/> 2 5 (Describe)
Fill in if drilling fluids were used and well is at solid waste facility:		
14. Total suspended solids	mg/l	mg/l
15. COD	mg/l	mg/l
16. Well developed by: Person's Name and Firm		
<b>Michael Mantz</b>		
<b>Key Engineering Group, Ltd.</b>		

17. Additional comments on development:

Facility Address or Owner/Responsible Party Address

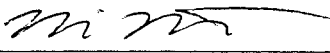
Name: \_\_\_\_\_

Firm: \_\_\_\_\_

Street: \_\_\_\_\_

City/State/Zip: \_\_\_\_\_

I hereby certify that the above information is true and correct to the best of my knowledge.

Signature: 

Print Name: Michael Mantz

Firm: KEY ENGINEERING GROUP, LTD.

Route To: Watershed/Wastewater  Waste Management   
Remediation/Redevelopment  Other

Facility/Project Name <b>Decorah Shopping Center Annex</b>	County <b>Washington</b>	Well Name <b>MW-14</b>
Facility License, Permit or Monitoring Number <b>-</b>	County Code <b>67</b>	Wis. Unique Well Number <b>PD 220</b>
DNR Well Number		

1. Can this well be purged dry?  Yes  No
2. Well development method:
- surged with bailer and bailed  4 1
  - surged with bailer and pumped  6 1
  - surged with block and bailed  4 2
  - surged with block and pumped  6 2
  - surged with block, bailed, and pumped  7 0
  - compressed air  2 0
  - bailed only  1 0
  - pumped only  5 1
  - pumped slowly  5 0
  - other \_\_\_\_\_  --
3. Time spent developing well **130 min.**
4. Depth of well (from top of well casing) **15.1 ft.**
5. Inside diameter of well **2.00 in.**
6. Volume of water in filter pack and well casing **4.0 gal.**
7. Volume of water removed from well **13.0 gal.**
8. Volume of water added (if any) **0.0 gal.**
9. Source of water added NA
10. Analysis performed on water added?  Yes  No  
(If yes, attach results)

	Before Development	After Development
11. Depth to Water (from top of well casing)	a. 10.94 ft.	11.15 ft.
Date	b. 11/5/2001	11/5/2001
Time	c. 09:10 <input checked="" type="checkbox"/> a.m. <input type="checkbox"/> p.m.	11:20 <input checked="" type="checkbox"/> a.m. <input type="checkbox"/> p.m.
12. Sediment in well bottom	0.0 inches	0.0 inches
13. Water clarity (Describe)	Clear <input type="checkbox"/> 1 0 Turbid <input checked="" type="checkbox"/> 1 5	Clear <input checked="" type="checkbox"/> 2 0 Turbid <input type="checkbox"/> 2 5
Fill in if drilling fluids were used and well is at solid waste facility:		
14. Total suspended solids	mg/l	mg/l
15. COD	mg/l	mg/l
16. Well developed by: Person's Name and Firm <b>Michael Mantz</b> <b>Key Engineering Group, Ltd.</b>		

17. Additional comments on development:

Facility Address or Owner/Responsible Party Address

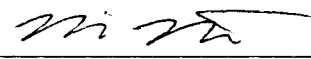
Name: \_\_\_\_\_

Firm: \_\_\_\_\_

Street: \_\_\_\_\_

City/State/Zip: \_\_\_\_\_

I hereby certify that the above information is true and correct to the best of my knowledge.

Signature: 

Print Name: Michael Mantz

Firm: KEY ENGINEERING GROUP, LTD.

Route To: Watershed/Wastewater  Waste Management   
Remediation/Redevelopment  Other

Facility/Project Name <b>Decorah Shopping Center Annex</b>	County <b>Washington</b>	Well Name <b>MW-15</b>	
Facility License, Permit or Monitoring Number <b>-</b>	County Code <b>67</b>	Wis. Unique Well Number <b>PD 230</b>	DNR Well Number

1. Can this well be purged dry?  Yes  No

2. Well development method:
- surged with bailer and bailed  4 1
  - surged with bailer and pumped  6 1
  - surged with block and bailed  4 2
  - surged with block and pumped  6 2
  - surged with block, bailed, and pumped  7 0
  - compressed air  2 0
  - bailed only  1 0
  - pumped only  5 1
  - pumped slowly  5 0
  - other \_\_\_\_\_  --

3. Time spent developing well **60 min.**

4. Depth of well (from top of well casing) **15.1 ft.**

5. Inside diameter of well **2.00 in.**

6. Volume of water in filter pack and well casing **5.0 gal.**

7. Volume of water removed from well **20.0 gal.**

8. Volume of water added (if any) **0.0 gal.**

9. Source of water added NA

10. Analysis performed on water added?  Yes  No  
(If yes, attach results)

17. Additional comments on development:

	Before Development	After Development
11. Depth to Water (from top of well casing)	a. 9.85 ft.	11.15 ft.
Date	b. 11/5/2001	11/5/2001
Time	c. 09:30 <input checked="" type="checkbox"/> a.m. <input type="checkbox"/> p.m.	10:30 <input checked="" type="checkbox"/> a.m. <input type="checkbox"/> p.m.
12. Sediment in well bottom	0.0 inches	0.0 inches
13. Water clarity	Clear <input type="checkbox"/> 1 0 Turbid <input checked="" type="checkbox"/> 1 5 (Describe)	Clear <input checked="" type="checkbox"/> 2 0 Turbid <input type="checkbox"/> 2 5 (Describe)

Fill in if drilling fluids were used and well is at solid waste facility:

14. Total suspended solids **mg/l** **mg/l**

15. COD **mg/l** **mg/l**

16. Well developed by: Person's Name and Firm

**Michael Mantz**  
**Key Engineering Group, Ltd.**

Facility Address or Owner/Responsible Party Address

Name: \_\_\_\_\_

Firm: \_\_\_\_\_

Street: \_\_\_\_\_

City/State/Zip: \_\_\_\_\_

I hereby certify that the above information is true and correct to the best of my knowledge.

Signature: 

Print Name: Michael Mantz

Firm: KEY ENGINEERING GROUP, LTD.

NOTE: See instructions for more information including a list of county codes and well type codes.

## **ATTACHMENT 2**



**CHAIN OF CUSTODY RECORD**



**Analytical Lab**

1090 Kennedy Ave. • Kimberly, WI 54136  
 (920) 735-8295 • FAX 920-739-1738 • 800-490-4902  
 LAB@USOIL.COM

Rev. Date: 12-17-98

Chain # No **26035**

Page 1 of 1

Lab I.D. # 5035289  
 Account No. : \_\_\_\_\_ Quote No.: \_\_\_\_\_

Project #: 0702007 Sample Integrity - To be completed by receiving lab.  
 Method of Shipment: Cooler Temp. of Temp. Blank. \_\_\_\_\_ °C On Ice: X  
 Sampler: (signature) Todd McQuiston Cooler seal intact upon receipt: X Yes \_\_\_\_\_ No \_\_\_\_\_ Labcoded By: CSM

Project (Name / Location): Decorah Annex 1011-1025 Main St. West Bend WI Analysis Requested

Reports To: Curt Hoffart Invoice To: \_\_\_\_\_  
 Company: Key Engineering Group  
 Address: W66 N15 Commerce Court Address: Same  
 City State Zip: Cedarburg, WI 53012 City State Zip: Same  
 Phone: (262) 375-4750 Phone: \_\_\_\_\_

**Sample Handling Request**  
 Rush Analysis Date Required \_\_\_\_\_  
 Normal Turn Around

DRO (Mod/TPH)	GRO (Mod/TPH)	PVOC (EPA 8021)	BTEX (EPA 8021)	VOC (EPA 8021)	VOC (EPA 8260)	VOC DW (EPA 524.2)	O&G (EPA 413.1)	PAH (EPA 8310)	Pb	Flash Point	Other Analysis

Lab I.D.	Sample I.D.	Collection Date	Time	No. of Containers Size and Type	Description*	Preservation	DRO (Mod/TPH)	GRO (Mod/TPH)	PVOC (EPA 8021)	BTEX (EPA 8021)	VOC (EPA 8021)	VOC (EPA 8260)	VOC DW (EPA 524.2)	O&G (EPA 413.1)	PAH (EPA 8310)	Pb	Flash Point	PID/FID	
<u>5035289A</u>	<u>B-16 (3 1/2-5 1/2')</u>	<u>10-31-01</u>	<u>1:30</u>	<u>1 (40 oz) vinyl 1 (4 oz) plastic</u>	<u>Soil</u>	<u>none/none</u>							<u>X</u>					<u>X</u>	
<u>B</u>	<u>B-17 (3 1/2-5 1/2')</u>	<u>↓</u>	<u>1:40</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>							<u>X</u>					<u>X</u>	
<u>C</u>	<u>B-18 (3 1/2-5 1/2')</u>	<u>↓</u>	<u>2:00</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>							<u>X</u>					<u>X</u>	
<u>D</u>	<u>B-19 (3 1/2-5 1/2')</u>	<u>↓</u>	<u>3:30</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>							<u>X</u>					<u>X</u>	

**Department Use Only**  
 Split Samples: Offered? \_\_\_\_\_ Yes \_\_\_\_\_ No \_\_\_\_\_  
 Accepted? \_\_\_\_\_ Yes \_\_\_\_\_ No \_\_\_\_\_  
 Accepted By: \_\_\_\_\_

Comments/ Special Instructions  
 \*Specify groundwater "GW", Drinking Water "DW", Waste Water "WW", Soil "S", Air "A", etc.

**Department Use Optional for Soil Samples**  
 Disposition of unused portion of sample  
 Lab Should: \_\_\_\_\_  
 \_\_\_\_\_ Dispose \_\_\_\_\_ Retain for \_\_\_\_\_ days  
 \_\_\_\_\_ Return \_\_\_\_\_ Other

Relinquished By: (sign) Todd McQuiston Time 9:30 Date 11-1-01  
 Received By: (sign) Deo Huss Time 9:30 Date 11-1-01  
 Received in Laboratory By: Christine Miller Time: 10:50 Date: 11/1/01

# U.S. Analytical Lab

CURT HOFFART  
KEY ENGINEERING  
W66N215 COMMERCE COURT  
CEDARBURG WI 53012

Project # 0702007  
Project Name DECORAH ANNEX  
Invoice # E35229

Report Date 08-Nov-01

Analyte	Result	Units	LOD	LOQ	Dil	Run Date	Method	Analyst	QC Code
Lab Code	5035229A						Sample Type	Soil	
Sample ID	B-16 (3.5-5.5)						Sample Date	10/31/01	

## Inorganic

### General

Solids Percent	95.2	%			1	11/2/01	5021	JMB	1
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## Organic

### VOC's

Benzene	< 25	ug/kg	6.8	23	1	11/6/01	8260B	CJR	1
Bromobenzene	< 25	ug/kg	14	48	1	11/6/01	8260B	CJR	1
Bromodichloromethane	< 25	ug/kg	5.8	19	1	11/6/01	8260B	CJR	1
tert-Butylbenzene	< 25	ug/kg	7.4	25	1	11/6/01	8260B	CJR	1
sec-Butylbenzene	< 25	ug/kg	6.1	20	1	11/6/01	8260B	CJR	1
n-Butylbenzene	< 25	ug/kg	7	23	1	11/6/01	8260B	CJR	1
Carbon Tetrachloride	< 25	ug/kg	10	33	1	11/6/01	8260B	CJR	1
Chlorobenzene	< 25	ug/kg	5.6	19	1	11/6/01	8260B	CJR	1
Chloroethane	< 25	ug/kg	10	34	1	11/6/01	8260B	CJR	2
Chloroform	< 25	ug/kg	4.1	14	1	11/6/01	8260B	CJR	1
Chloromethane	< 25	ug/kg	10	35	1	11/6/01	8260B	CJR	1
2-Chlorotoluene	< 25	ug/kg	6.5	22	1	11/6/01	8260B	CJR	1
4-Chlorotoluene	< 25	ug/kg	6.4	21	1	11/6/01	8260B	CJR	1
1,2-Dibromo-3-chloropropane	< 25	ug/kg	18	61	1	11/6/01	8260B	CJR	1
Dibromochloromethane	< 25	ug/kg	9.1	30	1	11/6/01	8260B	CJR	1
1,4-Dichlorobenzene	< 25	ug/kg	11	38	1	11/6/01	8260B	CJR	1
1,3-Dichlorobenzene	< 25	ug/kg	11	36	1	11/6/01	8260B	CJR	1
1,2-Dichlorobenzene	< 25	ug/kg	6	20	1	11/6/01	8260B	CJR	1
Dichlorodifluoromethane	< 25	ug/kg	10	32	1	11/6/01	8260B	CJR	1
1,2-Dichloroethane	< 25	ug/kg	3.8	13	1	11/6/01	8260B	CJR	1
1,1-Dichloroethane	< 25	ug/kg	8.3	28	1	11/6/01	8260B	CJR	1
1,1-Dichloroethene	< 25	ug/kg	8.7	29	1	11/6/01	8260B	CJR	1
cis-1,2-Dichloroethene	< 25	ug/kg	9.3	31	1	11/6/01	8260B	CJR	1
trans-1,2-Dichloroethene	< 25	ug/kg	8.8	29	1	11/6/01	8260B	CJR	1
1,2-Dichloropropane	< 25	ug/kg	8.8	29	1	11/6/01	8260B	CJR	1
2,2-Dichloropropane	< 25	ug/kg	10	33	1	11/6/01	8260B	CJR	1
1,3-Dichloropropane	< 25	ug/kg	8.2	27	1	11/6/01	8260B	CJR	1
Di-isopropyl ether	< 25	ug/kg	6.6	22	1	11/6/01	8260B	CJR	1
EDB (1,2-Dibromoethane)	< 25	ug/kg	6	20	1	11/6/01	8260B	CJR	1
Ethylbenzene	< 25	ug/kg	4.4	15	1	11/6/01	8260B	CJR	1
Hexachlorobutadiene	< 25	ug/kg	19	65	1	11/6/01	8260B	CJR	1

# U.S. Analytical Lab

CURT HOFFART  
 KEY ENGINEERING  
 W66N215 COMMERCE COURT  
 CEDARBURG WI 53012

Project # 0702007  
 Project Name DECORAH ANNEX  
 Invoice # E35229

Report Date 08-Nov-01

Analyte	Result	Units	LOD	LOQ	Dil	Run Date	Method	Analyst	QC Code
<b>Lab Code</b> 5035229A							<b>Sample Type</b> Soil		
<b>Sample ID</b> B-16 (3.5-5.5)						<b>Sample Date</b> 10/31/01			
Isopropylbenzene	< 25	ug/kg	6.6	22	1	11/6/01	8260B	CJR	1
p-Isopropyltoluene	< 25	ug/kg	4.4	15	1	11/6/01	8260B	CJR	1
Methylene chloride	< 25	ug/kg	9	30	1	11/6/01	8260B	CJR	1
MTBE	< 25	ug/kg	7.6	25	1	11/6/01	8260B	CJR	1
Naphthalene	< 25	ug/kg	7.7	26	1	11/6/01	8260B	CJR	37
n-Propylbenzene	< 25	ug/kg	8.2	27	1	11/6/01	8260B	CJR	1
1,1,2,2-Tetrachloroethane	< 25	ug/kg	5.2	17	1	11/6/01	8260B	CJR	1
Tetrachloroethene	< 25	ug/kg	6.6	22	1	11/6/01	8260B	CJR	1
Toluene	< 25	ug/kg	7	23	1	11/6/01	8260B	CJR	1
1,2,4-Trichlorobenzene	< 25	ug/kg	9.1	30	1	11/6/01	8260B	CJR	1
1,2,3-Trichlorobenzene	< 25	ug/kg	11	36	1	11/6/01	8260B	CJR	1
1,1,1-Trichloroethane	< 25	ug/kg	10	33	1	11/6/01	8260B	CJR	1
1,1,2-Trichloroethane	< 25	ug/kg	9.3	31	1	11/6/01	8260B	CJR	1
Trichloroethene	< 25	ug/kg	7.7	26	1	11/6/01	8260B	CJR	1
Trichlorofluoromethane	< 25	ug/kg	15	50	1	11/6/01	8260B	CJR	4
1,2,4-Trimethylbenzene	< 25	ug/kg	6.6	22	1	11/6/01	8260B	CJR	1
1,3,5-Trimethylbenzene	< 25	ug/kg	3.6	12	1	11/6/01	8260B	CJR	1
Vinyl Chloride	< 25	ug/kg	10	34	1	11/6/01	8260B	CJR	1
m&p-Xylene	< 50	ug/kg	9.3	31	1	11/6/01	8260B	CJR	1
o-Xylene	< 25	ug/kg	7	23	1	11/6/01	8260B	CJR	1

<b>Lab Code</b> 5035229B							<b>Sample Type</b> Soil		
<b>Sample ID</b> B-17 (3.5-5.5)						<b>Sample Date</b> 10/31/01			

**Inorganic**

General

Solids Percent	93.2	%			1	11/2/01	5021	JMB	1
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**Organic**

VOC's

Benzene	< 25	ug/kg	6.8	23	1	11/6/01	8260B	CJR	1
Bromobenzene	< 25	ug/kg	14	48	1	11/6/01	8260B	CJR	1
Bromodichloromethane	< 25	ug/kg	5.8	19	1	11/6/01	8260B	CJR	1
tert-Butylbenzene	< 25	ug/kg	7.4	25	1	11/6/01	8260B	CJR	1
sec-Butylbenzene	< 25	ug/kg	6.1	20	1	11/6/01	8260B	CJR	1
n-Butylbenzene	< 25	ug/kg	7	23	1	11/6/01	8260B	CJR	1
Carbon Tetrachloride	< 25	ug/kg	10	33	1	11/6/01	8260B	CJR	1
Chlorobenzene	< 25	ug/kg	5.6	19	1	11/6/01	8260B	CJR	1

# U.S. Analytical Lab

CURT HOFFART  
KEY ENGINEERING  
W66N215 COMMERCE COURT  
CEDARBURG WI 53012

Project # 0702007  
Project Name DECORAH ANNEX  
Invoice # E35229

Report Date 08-Nov-01

Analyte	Result	Units	LOD	LOQ	Dil	Run Date	Method	Analyst	QC Code	
Lab Code	5035229B					Sample Type	Soil			
Sample ID	B-17 (3.5-5.5)					Sample Date	10/31/01			
Chloroethane	< 25	ug/kg	10	34	1	11/6/01	8260B	CJR	2	
Chloroform	< 25	ug/kg	4.1	14	1	11/6/01	8260B	CJR	1	
Chloromethane	< 25	ug/kg	10	35	1	11/6/01	8260B	CJR	1	
2-Chlorotoluene	< 25	ug/kg	6.5	22	1	11/6/01	8260B	CJR	1	
4-Chlorotoluene	< 25	ug/kg	6.4	21	1	11/6/01	8260B	CJR	1	
1,2-Dibromo-3-chloropropane	< 25	ug/kg	18	61	1	11/6/01	8260B	CJR	1	
Dibromochloromethane	< 25	ug/kg	9.1	30	1	11/6/01	8260B	CJR	1	
1,4-Dichlorobenzene	< 25	ug/kg	11	38	1	11/6/01	8260B	CJR	1	
1,3-Dichlorobenzene	< 25	ug/kg	11	36	1	11/6/01	8260B	CJR	1	
1,2-Dichlorobenzene	< 25	ug/kg	6	20	1	11/6/01	8260B	CJR	1	
Dichlorodifluoromethane	< 25	ug/kg	10	32	1	11/6/01	8260B	CJR	1	
1,2-Dichloroethane	< 25	ug/kg	3.8	13	1	11/6/01	8260B	CJR	1	
1,1-Dichloroethane	< 25	ug/kg	8.3	28	1	11/6/01	8260B	CJR	1	
1,1-Dichloroethene	< 25	ug/kg	8.7	29	1	11/6/01	8260B	CJR	1	
cis-1,2-Dichloroethane	< 25	ug/kg	9.3	31	1	11/6/01	8260B	CJR	1	
trans-1,2-Dichloroethene	< 25	ug/kg	8.8	29	1	11/6/01	8260B	CJR	1	
1,2-Dichloropropane	< 25	ug/kg	8.8	29	1	11/6/01	8260B	CJR	1	
2,2-Dichloropropane	< 25	ug/kg	10	33	1	11/6/01	8260B	CJR	1	
1,3-Dichloropropane	< 25	ug/kg	8.2	27	1	11/6/01	8260B	CJR	1	
Di-isopropyl ether	< 25	ug/kg	6.6	22	1	11/6/01	8260B	CJR	1	
EDB (1,2-Dibromoethane)	< 25	ug/kg	6	20	1	11/6/01	8260B	CJR	1	
Ethylbenzene	< 25	ug/kg	4.4	15	1	11/6/01	8260B	CJR	1	
Hexachlorobutadiene	< 25	ug/kg	19	65	1	11/6/01	8260B	CJR	1	
Isopropylbenzene	< 25	ug/kg	6.6	22	1	11/6/01	8260B	CJR	1	
p-Isopropyltoluene	< 25	ug/kg	4.4	15	1	11/6/01	8260B	CJR	1	
Methylene chloride	< 25	ug/kg	9	30	1	11/6/01	8260B	CJR	1	
MTBE	< 25	ug/kg	7.6	25	1	11/6/01	8260B	CJR	1	
Naphthalene	< 25	ug/kg	7.7	26	1	11/6/01	8260B	CJR	37	
n-Propylbenzene	< 25	ug/kg	8.2	27	1	11/6/01	8260B	CJR	1	
1,1,2,2-Tetrachloroethane	< 25	ug/kg	5.2	17	1	11/6/01	8260B	CJR	1	
Tetrachloroethene	< 25	ug/kg	6.6	22	1	11/6/01	8260B	CJR	1	
Toluene	< 25	ug/kg	7	23	1	11/6/01	8260B	CJR	1	
1,2,4-Trichlorobenzene	< 25	ug/kg	9.1	30	1	11/6/01	8260B	CJR	1	
1,2,3-Trichlorobenzene	< 25	ug/kg	11	36	1	11/6/01	8260B	CJR	1	
1,1,1-Trichloroethane	< 25	ug/kg	10	33	1	11/6/01	8260B	CJR	1	
1,1,2-Trichloroethane	< 25	ug/kg	9.3	31	1	11/6/01	8260B	CJR	1	
Trichloroethene	< 25	ug/kg	7.7	26	1	11/6/01	8260B	CJR	1	

# U.S. Analytical Lab

CURT HOFFART  
 KEY ENGINEERING  
 W66N215 COMMERCE COURT  
 CEDARBURG WI 53012

Project # 0702007  
 Project Name DECORAH ANNEX  
 Invoice # E35229

Report Date 08-Nov-01

Analyte	Result	Units	LOD	LOQ	Dil	Run Date	Method	Analyst	QC Code
<b>Lab Code</b> 5035229B								<b>Sample Type</b> Soil	
<b>Sample ID</b> B-17 (3.5-5.5)								<b>Sample Date</b> 10/31/01	
Trichlorofluoromethane	< 25	ug/kg	15	50	1	11/6/01	8260B	CJR	4
1,2,4-Trimethylbenzene	< 25	ug/kg	6.6	22	1	11/6/01	8260B	CJR	1
1,3,5-Trimethylbenzene	< 25	ug/kg	3.6	12	1	11/6/01	8260B	CJR	1
Vinyl Chloride	< 25	ug/kg	10	34	1	11/6/01	8260B	CJR	1
m&p-Xylene	< 50	ug/kg	9.3	31	1	11/6/01	8260B	CJR	1
o-Xylene	< 25	ug/kg	7	23	1	11/6/01	8260B	CJR	1

<b>Lab Code</b> 5035229C								<b>Sample Type</b> Soil	
<b>Sample ID</b> B-18 (3.5-5.5)								<b>Sample Date</b> 10/31/01	

## Inorganic

### General

Solids Percent	91.0	%			1	11/2/01	5021	JMB	1
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## Organic

### VOC's

Benzene	< 25	ug/kg	6.8	23	1	11/6/01	8260B	CJR	1
Bromobenzene	< 25	ug/kg	14	48	1	11/6/01	8260B	CJR	1
Bromodichloromethane	< 25	ug/kg	5.8	19	1	11/6/01	8260B	CJR	1
tert-Butylbenzene	< 25	ug/kg	7.4	25	1	11/6/01	8260B	CJR	1
sec-Butylbenzene	< 25	ug/kg	6.1	20	1	11/6/01	8260B	CJR	1
n-Butylbenzene	< 25	ug/kg	7	23	1	11/6/01	8260B	CJR	1
Carbon Tetrachloride	< 25	ug/kg	10	33	1	11/6/01	8260B	CJR	1
Chlorobenzene	< 25	ug/kg	5.6	19	1	11/6/01	8260B	CJR	1
Chloroethane	< 25	ug/kg	10	34	1	11/6/01	8260B	CJR	2
Chloroform	< 25	ug/kg	4.1	14	1	11/6/01	8260B	CJR	1
Chloromethane	< 25	ug/kg	10	35	1	11/6/01	8260B	CJR	1
2-Chlorotoluene	< 25	ug/kg	6.5	22	1	11/6/01	8260B	CJR	1
4-Chlorotoluene	< 25	ug/kg	6.4	21	1	11/6/01	8260B	CJR	1
1,2-Dibromo-3-chloropropane	< 25	ug/kg	18	61	1	11/6/01	8260B	CJR	1
Dibromochloromethane	< 25	ug/kg	9.1	30	1	11/6/01	8260B	CJR	1
1,4-Dichlorobenzene	< 25	ug/kg	11	38	1	11/6/01	8260B	CJR	1
1,3-Dichlorobenzene	< 25	ug/kg	11	36	1	11/6/01	8260B	CJR	1
1,2-Dichlorobenzene	< 25	ug/kg	6	20	1	11/6/01	8260B	CJR	1
Dichlorodifluoromethane	< 25	ug/kg	10	32	1	11/6/01	8260B	CJR	1
1,2-Dichloroethane	< 25	ug/kg	3.8	13	1	11/6/01	8260B	CJR	1
1,1-Dichloroethane	< 25	ug/kg	8.3	28	1	11/6/01	8260B	CJR	1
1,1-Dichloroethene	< 25	ug/kg	8.7	29	1	11/6/01	8260B	CJR	1

# U.S. Analytical Lab

CURT HOFFART  
 KEY ENGINEERING  
 W66N215 COMMERCE COURT  
 CEDARBURG WI 53012

**Project #** 0702007  
**Project Name** DECORAH ANNEX  
**Invoice #** E35229

Report Date 08-Nov-01

Analyte	Result	Units	LOD	LOQ	Dil	Run Date	Method	Analyst	QC Code
<b>Lab Code</b> 5035229C									
<b>Sample ID</b> B-18 (3.5-5.5)									
							<b>Sample Type</b> Soil		
							<b>Sample Date</b> 10/31/01		
cis-1,2-Dichloroethene	< 25	ug/kg	9.3	31	1	11/6/01	8260B	CJR	1
trans-1,2-Dichloroethene	< 25	ug/kg	8.8	29	1	11/6/01	8260B	CJR	1
1,2-Dichloropropane	< 25	ug/kg	8.8	29	1	11/6/01	8260B	CJR	1
2,2-Dichloropropane	< 25	ug/kg	10	33	1	11/6/01	8260B	CJR	1
1,3-Dichloropropane	< 25	ug/kg	8.2	27	1	11/6/01	8260B	CJR	1
Di-isopropyl ether	< 25	ug/kg	6.6	22	1	11/6/01	8260B	CJR	1
EDB (1,2-Dibromoethane)	< 25	ug/kg	6	20	1	11/6/01	8260B	CJR	1
Ethylbenzene	< 25	ug/kg	4.4	15	1	11/6/01	8260B	CJR	1
Hexachlorobutadiene	< 25	ug/kg	19	65	1	11/6/01	8260B	CJR	1
Isopropylbenzene	< 25	ug/kg	6.6	22	1	11/6/01	8260B	CJR	1
p-Isopropyltoluene	< 25	ug/kg	4.4	15	1	11/6/01	8260B	CJR	1
Methylene chloride	< 25	ug/kg	9	30	1	11/6/01	8260B	CJR	1
MTBE	< 25	ug/kg	7.6	25	1	11/6/01	8260B	CJR	1
Naphthalene	< 25	ug/kg	7.7	26	1	11/6/01	8260B	CJR	3 7
n-Propylbenzene	< 25	ug/kg	8.2	27	1	11/6/01	8260B	CJR	1
1,1,1,2-Tetrachloroethane	< 25	ug/kg	5.2	17	1	11/6/01	8260B	CJR	1
Tetrachloroethene	< 25	ug/kg	6.6	22	1	11/6/01	8260B	CJR	1
Toluene	< 25	ug/kg	7	23	1	11/6/01	8260B	CJR	1
1,2,4-Trichlorobenzene	< 25	ug/kg	9.1	30	1	11/6/01	8260B	CJR	1
1,2,3-Trichlorobenzene	< 25	ug/kg	11	36	1	11/6/01	8260B	CJR	1
1,1,1-Trichloroethane	< 25	ug/kg	10	33	1	11/6/01	8260B	CJR	1
1,1,2-Trichloroethane	< 25	ug/kg	9.3	31	1	11/6/01	8260B	CJR	1
Trichloroethene	< 25	ug/kg	7.7	26	1	11/6/01	8260B	CJR	1
Trichlorofluoromethane	< 25	ug/kg	15	50	1	11/6/01	8260B	CJR	4
1,2,4-Trimethylbenzene	< 25	ug/kg	6.6	22	1	11/6/01	8260B	CJR	1
1,3,5-Trimethylbenzene	< 25	ug/kg	3.6	12	1	11/6/01	8260B	CJR	1
Vinyl Chloride	< 25	ug/kg	10	34	1	11/6/01	8260B	CJR	1
m&p-Xylene	< 50	ug/kg	9.3	31	1	11/6/01	8260B	CJR	1
o-Xylene	< 25	ug/kg	7	23	1	11/6/01	8260B	CJR	1

<b>Lab Code</b> 5035229D									
<b>Sample ID</b> B-19 (3.5-5.5)									
							<b>Sample Type</b> Soil		
							<b>Sample Date</b> 10/31/01		

**Inorganic**

General

Solids Percent 90.6 % 1 11/2/01 5021 JMB 1

**Organic**

# U.S. Analytical Lab

CURT HOFFART  
 KEY ENGINEERING  
 W66N215 COMMERCE COURT  
 CEDARBURG WI 53012

Project # 0702007  
 Project Name DECORAH ANNEX  
 Invoice # E35229

Report Date 08-Nov-01

Analyte	Result	Units	LOD	LOQ	Dil	Run Date	Method	Analyst	QC Code	
Lab Code	5035229D					Sample Type	Soil			
Sample ID	B-19 (3.5-5.5)					Sample Date	10/31/01			

VOC's

Benzene	<25	ug/kg	6.8	23	1	11/6/01	8260B	CJR	1
Bromobenzene	<25	ug/kg	14	48	1	11/6/01	8260B	CJR	1
Bromodichloromethane	<25	ug/kg	5.8	19	1	11/6/01	8260B	CJR	1
tert-Butylbenzene	<25	ug/kg	7.4	25	1	11/6/01	8260B	CJR	1
sec-Butylbenzene	<25	ug/kg	6.1	20	1	11/6/01	8260B	CJR	1
n-Butylbenzene	<25	ug/kg	7	23	1	11/6/01	8260B	CJR	1
Carbon Tetrachloride	<25	ug/kg	10	33	1	11/6/01	8260B	CJR	1
Chlorobenzene	<25	ug/kg	5.6	19	1	11/6/01	8260B	CJR	1
Chloroethane	<25	ug/kg	10	34	1	11/6/01	8260B	CJR	2
Chloroform	<25	ug/kg	4.1	14	1	11/6/01	8260B	CJR	1
Chloromethane	<25	ug/kg	10	35	1	11/6/01	8260B	CJR	1
2-Chlorotoluene	<25	ug/kg	6.5	22	1	11/6/01	8260B	CJR	1
4-Chlorotoluene	<25	ug/kg	6.4	21	1	11/6/01	8260B	CJR	1
1,2-Dibromo-3-chloropropane	<25	ug/kg	18	61	1	11/6/01	8260B	CJR	1
Dibromochloromethane	<25	ug/kg	9.1	30	1	11/6/01	8260B	CJR	1
1,4-Dichlorobenzene	<25	ug/kg	11	38	1	11/6/01	8260B	CJR	1
1,3-Dichlorobenzene	<25	ug/kg	11	36	1	11/6/01	8260B	CJR	1
1,2-Dichlorobenzene	<25	ug/kg	6	20	1	11/6/01	8260B	CJR	1
Dichlorodifluoromethane	<25	ug/kg	10	32	1	11/6/01	8260B	CJR	1
1,2-Dichloroethane	<25	ug/kg	3.8	13	1	11/6/01	8260B	CJR	1
1,1-Dichloroethane	<25	ug/kg	8.3	28	1	11/6/01	8260B	CJR	1
1,1-Dichloroethene	<25	ug/kg	8.7	29	1	11/6/01	8260B	CJR	1
cis-1,2-Dichloroethene	<25	ug/kg	9.3	31	1	11/6/01	8260B	CJR	1
trans-1,2-Dichloroethene	<25	ug/kg	8.8	29	1	11/6/01	8260B	CJR	1
1,2-Dichloropropane	<25	ug/kg	8.8	29	1	11/6/01	8260B	CJR	1
2,2-Dichloropropane	<25	ug/kg	10	33	1	11/6/01	8260B	CJR	1
1,3-Dichloropropane	<25	ug/kg	8.2	27	1	11/6/01	8260B	CJR	1
Di-isopropyl ether	<25	ug/kg	6.6	22	1	11/6/01	8260B	CJR	1
EDB (1,2-Dibromoethane)	<25	ug/kg	6	20	1	11/6/01	8260B	CJR	1
Ethylbenzene	<25	ug/kg	4.4	15	1	11/6/01	8260B	CJR	1
Hexachlorobutadiene	<25	ug/kg	19	65	1	11/6/01	8260B	CJR	1
Isopropylbenzene	<25	ug/kg	6.6	22	1	11/6/01	8260B	CJR	1
p-Isopropyltoluene	<25	ug/kg	4.4	15	1	11/6/01	8260B	CJR	1
Methylene chloride	<25	ug/kg	9	30	1	11/6/01	8260B	CJR	1
MTBE	<25	ug/kg	7.6	25	1	11/6/01	8260B	CJR	1

# U.S. Analytical Lab

CURT HOFFART  
 KEY ENGINEERING  
 W66N215 COMMERCE COURT  
 CEDARBURG WI 53012

Project # 0702007  
 Project Name DECORAH ANNEX  
 Invoice # E35229

Report Date 08-Nov-01

Analyte	Result	Units	LOD	LOQ	Dil	Run Date	Method	Analyst	QC Code	
Lab Code	5035229D					Sample Type	Soil			
Sample ID	B-19 (3.5-5.5)					Sample Date	10/31/01			
Naphthalene	< 25	ug/kg	7.7	26	1	11/6/01	8260B	CJR	3 7	
n-Propylbenzene	< 25	ug/kg	8.2	27	1	11/6/01	8260B	CJR	1	
1,1,2,2-Tetrachloroethane	< 25	ug/kg	5.2	17	1	11/6/01	8260B	CJR	1	
Tetrachloroethene	< 25	ug/kg	6.6	22	1	11/6/01	8260B	CJR	1	
Toluene	< 25	ug/kg	7	23	1	11/6/01	8260B	CJR	1	
1,2,4-Trichlorobenzene	< 25	ug/kg	9.1	30	1	11/6/01	8260B	CJR	1	
1,2,3-Trichlorobenzene	< 25	ug/kg	11	36	1	11/6/01	8260B	CJR	1	
1,1,1-Trichloroethane	< 25	ug/kg	10	33	1	11/6/01	8260B	CJR	1	
1,1,2-Trichloroethane	< 25	ug/kg	9.3	31	1	11/6/01	8260B	CJR	1	
Trichloroethene	< 25	ug/kg	7.7	26	1	11/6/01	8260B	CJR	1	
Trichlorofluoromethane	< 25	ug/kg	15	50	1	11/6/01	8260B	CJR	4	
1,2,4-Trimethylbenzene	< 25	ug/kg	6.6	22	1	11/6/01	8260B	CJR	1	
1,3,5-Trimethylbenzene	< 25	ug/kg	3.6	12	1	11/6/01	8260B	CJR	1	
Vinyl Chloride	< 25	ug/kg	10	34	1	11/6/01	8260B	CJR	1	
m&p-Xylene	< 50	ug/kg	9.3	31	1	11/6/01	8260B	CJR	1	
o-Xylene	< 25	ug/kg	7	23	1	11/6/01	8260B	CJR	1	

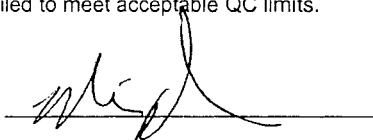
LOD Limit of Detection

"J" Flag: Analyte detected between LOD and LOQ

LOQ Limit of Quantitation

Code	Comment
1	All laboratory QC requirements were met for this sample.
2	The duplicate RPD failed to meet acceptable QC limits.
3	The spike recovery failed to meet acceptable QC limits.
4	The check standard failed to meet acceptable QC limits.
7	The LCS spike recovery failed to meet acceptable QC limits.

Authorized Signature





## **ATTACHMENT 3**

**CHAIN OF CUSTODY RECORD**



**A..alytical Lab**

1090 Kennedy Ave. • Kimberly, WI 54136  
 (920) 735-8295 • FAX 920-739-1738 • 800-490-4902  
 LAB@USOIL.COM

rev. Date: 12-17-98

Chain # No **27249**

Page **1** of **2**

Lab I.D. # 5035370  
 Account No. : \_\_\_\_\_ Quote No.: 4234

Project #: 0702007 Sample Integrity - To be completed by receiving lab.  
 Method of Shipment : Overseas Temp. of Temp. Blank. \_\_\_\_\_ °C On Ice: X  
 Sampler: (signature) [Signature] Cooler seal intact upon receipt: X Yes \_\_\_\_\_ No Labcoded By: CSM

Project (Name / Location): DECORAH ANNEX 1011-1025 S. MAIN ST. WEST BEND, WI

Reports To: <u>CURT HOFFART</u>	Invoice To:	<b>Sample Handling Request</b>  _____ Rush Analysis _____ Date Required _____  <input checked="" type="checkbox"/> Normal Turn Around
Company <u>KEY ENGINEERING</u>	Company	
Address <u>W66 NZIS COMMERCE CT.</u>	Address	
City State Zip <u>CEDARBURG, WI 53012</u>	City State Zip	
Phone <u>(262) 375-4750</u>	Phone	

SAME

**Analysis Requested**

Lab I.D.	Sample I.D.	Collection		No. of Containers Size and Type	Description*	Preservation	DRO (Mod/TPH)	GRO (Mod/TPH)	PVOC (EPA 8021)	BTEX (EPA 8021)	VOC (EPA 8021)	VOC (EPA 8260)	VOC DW (EPA 524.2)	O&G (EPA 413.1)	PAH (EPA 8310)	Pb	Flash Point	Other Analysis			PID/ FID	
		Date	Time																			
<u>5035370A</u>	<u>MW-3</u>	<u>11/5</u>	<u>3:15</u>	<u>(3) 40ml VIALS</u>	<u>GW</u>	<u>HCL</u>							<u>X</u>									
<u>B</u>	<u>MW-5</u>		<u>1:10</u>										<u>X</u>									
<u>C</u>	<u>MW-6</u>		<u>3:15</u>										<u>X</u>									
<u>D</u>	<u>MW-7</u>		<u>1:05</u>										<u>X</u>									
<u>E</u>	<u>MW-8</u>		<u>1:40</u>										<u>X</u>									
<u>F</u>	<u>MW-9</u>		<u>12:50</u>										<u>X</u>									
<u>G</u>	<u>MW-10</u>		<u>1:20</u>										<u>X</u>									
<u>H</u>	<u>MW-11</u>		<u>1:50</u>										<u>X</u>									
<u>I</u>	<u>MW-12</u>		<u>1:15</u>										<u>X</u>									

**Department Use Only**

Split Samples: Offered? \_\_\_\_\_ Yes \_\_\_\_\_ No  
 Accepted? \_\_\_\_\_ Yes \_\_\_\_\_ No

Accepted By: \_\_\_\_\_

**Department Use Optional for Soil Samples**

Disposition of unused portion of sample  
 Lab Should:  
 \_\_\_\_\_ Dispose \_\_\_\_\_ Retain for \_\_\_\_\_ days  
 \_\_\_\_\_ Return \_\_\_\_\_ Other

Comments/ Special Instructions  
 \*Specify groundwater "GW", Drinking Water "DW", Waste Water "WW", Soil "S", Air "A", etc.

Relinquished By: (sign)	Time	Date	Received By: (sign)	Time	Date
<u>[Signature]</u>	<u>12:59</u>	<u>11/6/01</u>	<u>Clay Pognelle</u>	<u>12:54</u>	<u>11/6/01</u>
<u>Clay Pognelle</u>	<u>12:20</u>	<u>11/6/01</u>			

Received in Laboratory By: [Signature] Time: \_\_\_\_\_ Date: 11/6/01

# CHAIN OF CUSTODY RECORD



## Analytical Lab

(rev. Date: 12-17-98)

1090 Kennedy Ave. • Kimberly, WI 54136  
 (920) 735-8295 • FAX 920-739-1738 • 800-490-4902  
 LAB@USOIL.COM

Chain # No **27250**

Page 2 of 2

Lab I.D. # 5035370  
 Account No. : \_\_\_\_\_ Quote No.: 4234

Project #: 0702007 Sample Integrity - To be completed by receiving lab.  
 Method of Shipment: Courier Temp. of Temp. Blank. \_\_\_\_\_ °C On Ice: X  
 Sampler: (signature) [Signature] Cooler seal intact upon receipt: X Yes \_\_\_\_\_ No Labcoded By: CSM

Project (Name / Location): DECORAH ANNEX 1011-1025 S MAIN ST. WEST BEND, WI

Reports To: <u>CURT HOFFART</u> Invoice To:		Sample Handling Request	Analysis Requested												
Company <u>KEY ENGINEERING</u> Company			Rush Analysis _____ Date Required _____ <u>X</u> Normal Turn Around	Other Analysis											
Address <u>W66 N215 COMMERCE CT.</u> Address				DRO (Mod/TPH)	GRO (Mod/TPH)	PVOC (EPA 8021)	BTEX (EPA 8021)	VOC (EPA 8021)	VOC (EPA 8260)	VOC DW (EPA 524.2)	O&G (EPA 413.1)	PAH (EPA 8310)	Pb	Flash Point	PID/FID
City State Zip <u>CEDARBURG, WI 53012</u> City State Zip															
Phone <u>(262) 375-4750</u> Phone															
Address <u>SAME</u>															

Lab I.D.	Sample I.D.	Collection		No. of Containers Size and Type	Description*	Preservation	DRO (Mod/TPH)	GRO (Mod/TPH)	PVOC (EPA 8021)	BTEX (EPA 8021)	VOC (EPA 8021)	VOC (EPA 8260)	VOC DW (EPA 524.2)	O&G (EPA 413.1)	PAH (EPA 8310)	Pb	Flash Point	PID/FID	
		Date	Time																
<u>5035370J</u>	<u>MW-13</u>	<u>11/5</u>	<u>12:30</u>	<u>(3) 40 ml VIALS</u>	<u>GW</u>	<u>HCL</u>													
<u>K</u>	<u>MW-14</u>		<u>11:25</u>																
<u>L</u>	<u>MW-15</u>		<u>11:00</u>																
<u>M</u>	<u>P-3</u>		<u>1:30</u>																
<u>N</u>	<u>DUPLICATE</u>		<u>—</u>																
<u>O</u>	<u>TRIP BLANK</u>		<u>10:00</u>	<u>(2) 40 ml VIALS</u>	<u>H<sub>2</sub>O BLANK</u>														

**Department Use Only**  
 Split Samples: Offered? \_\_\_\_\_ Yes \_\_\_\_\_ No  
 Accepted? \_\_\_\_\_ Yes \_\_\_\_\_ No  
 Accepted By: \_\_\_\_\_

Comments/ Special Instructions  
 \*Specify groundwater "GW", Drinking Water "DW", Waste Water "WW", Soil "S", Air "A", etc.

**Department Use Optional for Soil Samples**  
 Disposition of unused portion of sample  
 Lab Should:  
 \_\_\_\_\_ Dispose \_\_\_\_\_ Retain for \_\_\_\_\_ days  
 \_\_\_\_\_ Return \_\_\_\_\_ Other

Relinquished By: (sign) [Signature] Time 12:59 Date 11/6/01 Received By: (sign) [Signature] Time 12:59 Date 11/6/01  
[Signature] 17:20 11/6/01  
 Received in Laboratory By: [Signature] Time: 17:40 Date: 11/6/01

# U.S. Analytical Lab

CURT HOFFART  
 KEY ENGINEERING  
 W66N215 COMMERCE COURT  
 CEDARBURG WI 53012

Project # 0702007  
 Project Name DECORAH ANNEX  
 Invoice # E35270

Report Date 09-Nov-01

Analyte	Result	Units	LOD	LOQ	Dil	Run Date	Method	Analyst	QC Code
Lab Code	5035270A						Sample Type	Water	
Sample ID	MW-3						Sample Date	11/5/01	

Organic

VOC's

Benzene	< 0.25	ug/l	0.25	0.82	1	11/8/01	8260B	CJR	1
Bromobenzene	< 0.22	ug/l	0.22	0.72	1	11/8/01	8260B	CJR	1
Bromodichloromethane	< 0.21	ug/l	0.21	0.7	1	11/8/01	8260B	CJR	1
tert-Butylbenzene	< 0.16	ug/l	0.16	0.52	1	11/8/01	8260B	CJR	1
sec-Butylbenzene	< 0.22	ug/l	0.22	0.74	1	11/8/01	8260B	CJR	1
n-Butylbenzene	< 0.29	ug/l	0.29	1	1	11/8/01	8260B	CJR	1
Carbon Tetrachloride	< 0.33	ug/l	0.33	1.1	1	11/8/01	8260B	CJR	1
Chlorobenzene	< 0.21	ug/l	0.21	0.7	1	11/8/01	8260B	CJR	1
Chloroethane	< 0.24	ug/l	0.24	0.8	1	11/8/01	8260B	CJR	1
Chloroform	< 0.32	ug/l	0.32	1.1	1	11/8/01	8260B	CJR	1
Chloromethane	< 0.24	ug/l	0.24	0.8	1	11/8/01	8260B	CJR	1
2-Chlorotoluene	< 0.28	ug/l	0.28	0.94	1	11/8/01	8260B	CJR	1
4-Chlorotoluene	< 0.31	ug/l	0.31	1	1	11/8/01	8260B	CJR	1
1,2-Dibromo-3-chloropropane	< 1.5	ug/l	1.5	5	1	11/8/01	8260B	CJR	3 7
Dibromochloromethane	< 0.26	ug/l	0.26	0.88	1	11/8/01	8260B	CJR	1
1,4-Dichlorobenzene	< 0.29	ug/l	0.29	1	1	11/8/01	8260B	CJR	1
1,3-Dichlorobenzene	< 0.25	ug/l	0.25	0.85	1	11/8/01	8260B	CJR	1
1,2-Dichlorobenzene	< 0.25	ug/l	0.25	0.83	1	11/8/01	8260B	CJR	1
Dichlorodifluoromethane	< 0.27	ug/l	0.27	0.88	1	11/8/01	8260B	CJR	3 4 7
1,2-Dichloroethane	< 0.39	ug/l	0.39	1.3	1	11/8/01	8260B	CJR	1
1,1-Dichloroethane	< 0.34	ug/l	0.34	1.1	1	11/8/01	8260B	CJR	1
1,1-Dichloroethene	< 0.36	ug/l	0.36	1.2	1	11/8/01	8260B	CJR	1
cis-1,2-Dichloroethene	< 1	ug/l	1	3.5	1	11/8/01	8260B	CJR	1
trans-1,2-Dichloroethene	< 0.23	ug/l	0.23	0.78	1	11/8/01	8260B	CJR	1
1,2-Dichloropropane	< 0.27	ug/l	0.27	0.91	1	11/8/01	8260B	CJR	1
2,2-Dichloropropane	< 0.47	ug/l	0.47	1.6	1	11/8/01	8260B	CJR	1
1,3-Dichloropropane	< 0.48	ug/l	0.48	1.6	1	11/8/01	8260B	CJR	1
Di-isopropyl ether	< 0.26	ug/l	0.26	0.87	1	11/8/01	8260B	CJR	1
EDB (1,2-Dibromoethane)	< 0.6	ug/l	0.6	2	1	11/8/01	8260B	CJR	1
Ethylbenzene	< 0.12	ug/l	0.12	0.41	1	11/8/01	8260B	CJR	1
Hexachlorobutadiene	< 0.58	ug/l	0.58	1.9	1	11/8/01	8260B	CJR	1
Isopropylbenzene	< 0.15	ug/l	0.15	0.49	1	11/8/01	8260B	CJR	1
p-Isopropyltoluene	< 0.2	ug/l	0.2	0.68	1	11/8/01	8260B	CJR	1
Methylene chloride	< 0.35	ug/l	0.35	1.2	1	11/8/01	8260B	CJR	1

# U.S. Analytical Lab

CURT HOFFART  
KEY ENGINEERING  
W66N215 COMMERCE COURT  
CEDARBURG WI 53012

Project # 0702007  
Project Name DECORAH ANNEX  
Invoice # E35270

Report Date 09-Nov-01

Analyte	Result	Units	LOD	LOQ	Dil	Run Date	Method	Analyst	QC Code
<b>Lab Code</b> 5035270A						<b>Sample Type</b> Water			
<b>Sample ID</b> MW-3						<b>Sample Date</b> 11/5/01			
MTBE	< 0.53	ug/l	0.53	1.8	1	11/8/01	8260B	CJR	1
Naphthalene	< 0.68	ug/l	0.68	2.3	1	11/8/01	8260B	CJR	1
n-Propylbenzene	< 0.18	ug/l	0.18	0.59	1	11/8/01	8260B	CJR	1
1,1,2,2-Tetrachloroethane	< 1	ug/l	1	3.3	1	11/8/01	8260B	CJR	1
Tetrachloroethene	< 0.25	ug/l	0.25	0.83	1	11/8/01	8260B	CJR	1
Toluene	< 0.22	ug/l	0.22	0.74	1	11/8/01	8260B	CJR	1
1,2,4-Trichlorobenzene	< 0.28	ug/l	0.28	0.92	1	11/8/01	8260B	CJR	3 7
1,2,3-Trichlorobenzene	< 0.45	ug/l	0.45	1.5	1	11/8/01	8260B	CJR	1
1,1,1-Trichloroethane	< 0.29	ug/l	0.29	1	1	11/8/01	8260B	CJR	1
1,1,2-Trichloroethane	< 0.56	ug/l	0.56	1.9	1	11/8/01	8260B	CJR	1
Trichloroethene	< 0.36	ug/l	0.36	1.2	1	11/8/01	8260B	CJR	1
Trichlorofluoromethane	< 0.23	ug/l	0.23	0.77	1	11/8/01	8260B	CJR	3 4 7
1,2,4-Trimethylbenzene	< 0.24	ug/l	0.24	0.79	1	11/8/01	8260B	CJR	1
1,3,5-Trimethylbenzene	< 0.26	ug/l	0.26	0.87	1	11/8/01	8260B	CJR	1
Vinyl Chloride	< 0.23	ug/l	0.23	0.77	1	11/8/01	8260B	CJR	3 7
m&p-Xylene	< 0.52	ug/l	0.52	1.7	1	11/8/01	8260B	CJR	1
o-Xylene	< 0.22	ug/l	0.22	0.72	1	11/8/01	8260B	CJR	1
<b>Lab Code</b> 5035270B						<b>Sample Type</b> Water			
<b>Sample ID</b> MW-5						<b>Sample Date</b> 11/5/01			

Organic

VOC's

Benzene	< 0.25	ug/l	0.25	0.82	1	11/8/01	8260B	CJR	1
Bromobenzene	< 0.22	ug/l	0.22	0.72	1	11/8/01	8260B	CJR	1
Bromodichloromethane	< 0.21	ug/l	0.21	0.7	1	11/8/01	8260B	CJR	1
tert-Butylbenzene	< 0.16	ug/l	0.16	0.52	1	11/8/01	8260B	CJR	1
sec-Butylbenzene	< 0.22	ug/l	0.22	0.74	1	11/8/01	8260B	CJR	1
n-Butylbenzene	< 0.29	ug/l	0.29	1	1	11/8/01	8260B	CJR	1
Carbon Tetrachloride	< 0.33	ug/l	0.33	1.1	1	11/8/01	8260B	CJR	1
Chlorobenzene	< 0.21	ug/l	0.21	0.7	1	11/8/01	8260B	CJR	1
Chloroethane	< 0.24	ug/l	0.24	0.8	1	11/8/01	8260B	CJR	1
Chloroform	< 0.32	ug/l	0.32	1.1	1	11/8/01	8260B	CJR	1
Chloromethane	< 0.24	ug/l	0.24	0.8	1	11/8/01	8260B	CJR	1
2-Chlorotoluene	< 0.28	ug/l	0.28	0.94	1	11/8/01	8260B	CJR	1
4-Chlorotoluene	< 0.31	ug/l	0.31	1	1	11/8/01	8260B	CJR	1
1,2-Dibromo-3-chloropropane	< 1.5	ug/l	1.5	5	1	11/8/01	8260B	CJR	3 7

# U.S. Analytical Lab

CURT HOFFART  
 KEY ENGINEERING  
 W66N215 COMMERCE COURT  
 CEDARBURG WI 53012

Project # 0702007  
 Project Name DECORAH ANNEX  
 Invoice # E35270

Report Date 09-Nov-01

Analyte	Result	Units	LOD	LOQ	Dil	Run Date	Method	Analyst	QC Code
<b>Lab Code</b> 5035270B									
<b>Sample ID</b> MW-5									
						<b>Sample Type</b> Water			
						<b>Sample Date</b> 11/5/01			
Dibromochloromethane	< 0.26	ug/l	0.26	0.88	1	11/8/01	8260B	CJR	1
1,4-Dichlorobenzene	< 0.29	ug/l	0.29	1	1	11/8/01	8260B	CJR	1
1,3-Dichlorobenzene	< 0.25	ug/l	0.25	0.85	1	11/8/01	8260B	CJR	1
1,2-Dichlorobenzene	< 0.25	ug/l	0.25	0.83	1	11/8/01	8260B	CJR	1
Dichlorodifluoromethane	< 0.27	ug/l	0.27	0.88	1	11/8/01	8260B	CJR	3 4 7
1,2-Dichloroethane	< 0.39	ug/l	0.39	1.3	1	11/8/01	8260B	CJR	1
1,1-Dichloroethane	< 0.34	ug/l	0.34	1.1	1	11/8/01	8260B	CJR	1
1,1-Dichloroethene	< 0.36	ug/l	0.36	1.2	1	11/8/01	8260B	CJR	1
cis-1,2-Dichloroethene	< 1	ug/l	1	3.5	1	11/8/01	8260B	CJR	1
trans-1,2-Dichloroethene	< 0.23	ug/l	0.23	0.78	1	11/8/01	8260B	CJR	1
1,2-Dichloropropane	< 0.27	ug/l	0.27	0.91	1	11/8/01	8260B	CJR	1
2,2-Dichloropropane	< 0.47	ug/l	0.47	1.6	1	11/8/01	8260B	CJR	1
1,3-Dichloropropane	< 0.48	ug/l	0.48	1.6	1	11/8/01	8260B	CJR	1
Di-isopropyl ether	< 0.26	ug/l	0.26	0.87	1	11/8/01	8260B	CJR	1
EDB (1,2-Dibromoethane)	< 0.6	ug/l	0.6	2	1	11/8/01	8260B	CJR	1
Ethylbenzene	< 0.12	ug/l	0.12	0.41	1	11/8/01	8260B	CJR	1
Hexachlorobutadiene	< 0.58	ug/l	0.58	1.9	1	11/8/01	8260B	CJR	1
Isopropylbenzene	< 0.15	ug/l	0.15	0.49	1	11/8/01	8260B	CJR	1
p-Isopropyltoluene	< 0.2	ug/l	0.2	0.68	1	11/8/01	8260B	CJR	1
Methylene chloride	< 0.35	ug/l	0.35	1.2	1	11/8/01	8260B	CJR	1
MTBE	< 0.53	ug/l	0.53	1.8	1	11/8/01	8260B	CJR	1
Naphthalene	< 0.68	ug/l	0.68	2.3	1	11/8/01	8260B	CJR	1
n-Propylbenzene	< 0.18	ug/l	0.18	0.59	1	11/8/01	8260B	CJR	1
1,1,2,2-Tetrachloroethane	< 1	ug/l	1	3.3	1	11/8/01	8260B	CJR	1
Tetrachloroethene	14	ug/l	0.25	0.83	1	11/8/01	8260B	CJR	1
Toluene	< 0.22	ug/l	0.22	0.74	1	11/8/01	8260B	CJR	1
1,2,4-Trichlorobenzene	< 0.28	ug/l	0.28	0.92	1	11/8/01	8260B	CJR	3 7
1,2,3-Trichlorobenzene	< 0.45	ug/l	0.45	1.5	1	11/8/01	8260B	CJR	1
1,1,1-Trichloroethane	< 0.29	ug/l	0.29	1	1	11/8/01	8260B	CJR	1
1,1,2-Trichloroethane	< 0.56	ug/l	0.56	1.9	1	11/8/01	8260B	CJR	1
Trichloroethene	0.48 "J"	ug/l	0.36	1.2	1	11/8/01	8260B	CJR	1
Trichlorofluoromethane	< 0.23	ug/l	0.23	0.77	1	11/8/01	8260B	CJR	3 4 7
1,2,4-Trimethylbenzene	< 0.24	ug/l	0.24	0.79	1	11/8/01	8260B	CJR	1
1,3,5-Trimethylbenzene	< 0.26	ug/l	0.26	0.87	1	11/8/01	8260B	CJR	1
Vinyl Chloride	< 0.23	ug/l	0.23	0.77	1	11/8/01	8260B	CJR	3 7
m&p-Xylene	< 0.52	ug/l	0.52	1.7	1	11/8/01	8260B	CJR	1
o-Xylene	< 0.22	ug/l	0.22	0.72	1	11/8/01	8260B	CJR	1

# U.S. Analytical Lab

CURT HOFFART  
 KEY ENGINEERING  
 W66N215 COMMERCE COURT  
 CEDARBURG WI 53012

Project # 0702007  
 Project Name DECORAH ANNEX  
 Invoice # E35270

Report Date 09-Nov-01

Analyte	Result	Units	LOD	LOQ	Dil	Run Date	Method	Analyst	QC Code
Lab Code	5035270C						Sample Type	Water	
Sample ID	MW-6						Sample Date	11/5/01	

Organic

VOC's

Benzene	< 0.25	ug/l	0.25	0.82	1	11/8/01	8260B	CJR	1
Bromobenzene	< 0.22	ug/l	0.22	0.72	1	11/8/01	8260B	CJR	1
Bromodichloromethane	< 0.21	ug/l	0.21	0.7	1	11/8/01	8260B	CJR	1
tert-Butylbenzene	< 0.16	ug/l	0.16	0.52	1	11/8/01	8260B	CJR	1
sec-Butylbenzene	< 0.22	ug/l	0.22	0.74	1	11/8/01	8260B	CJR	1
n-Butylbenzene	< 0.29	ug/l	0.29	1	1	11/8/01	8260B	CJR	1
Carbon Tetrachloride	< 0.33	ug/l	0.33	1.1	1	11/8/01	8260B	CJR	1
Chlorobenzene	< 0.21	ug/l	0.21	0.7	1	11/8/01	8260B	CJR	1
Chloroethane	< 0.24	ug/l	0.24	0.8	1	11/8/01	8260B	CJR	1
Chloroform	< 0.32	ug/l	0.32	1.1	1	11/8/01	8260B	CJR	1
Chloromethane	< 0.24	ug/l	0.24	0.8	1	11/8/01	8260B	CJR	1
2-Chlorotoluene	< 0.28	ug/l	0.28	0.94	1	11/8/01	8260B	CJR	1
4-Chlorotoluene	< 0.31	ug/l	0.31	1	1	11/8/01	8260B	CJR	1
1,2-Dibromo-3-chloropropane	< 1.5	ug/l	1.5	5	1	11/8/01	8260B	CJR	3 7
Dibromochloromethane	< 0.26	ug/l	0.26	0.88	1	11/8/01	8260B	CJR	1
1,4-Dichlorobenzene	< 0.29	ug/l	0.29	1	1	11/8/01	8260B	CJR	1
1,3-Dichlorobenzene	< 0.25	ug/l	0.25	0.85	1	11/8/01	8260B	CJR	1
1,2-Dichlorobenzene	< 0.25	ug/l	0.25	0.83	1	11/8/01	8260B	CJR	1
Dichlorodifluoromethane	< 0.27	ug/l	0.27	0.88	1	11/8/01	8260B	CJR	3 4 7
1,2-Dichloroethane	< 0.39	ug/l	0.39	1.3	1	11/8/01	8260B	CJR	1
1,1-Dichloroethane	< 0.34	ug/l	0.34	1.1	1	11/8/01	8260B	CJR	1
1,1-Dichloroethene	< 0.36	ug/l	0.36	1.2	1	11/8/01	8260B	CJR	1
cis-1,2-Dichloroethene	< 1	ug/l	1	3.5	1	11/8/01	8260B	CJR	1
trans-1,2-Dichloroethene	< 0.23	ug/l	0.23	0.78	1	11/8/01	8260B	CJR	1
1,2-Dichloropropane	< 0.27	ug/l	0.27	0.91	1	11/8/01	8260B	CJR	1
2,2-Dichloropropane	< 0.47	ug/l	0.47	1.6	1	11/8/01	8260B	CJR	1
1,3-Dichloropropane	< 0.48	ug/l	0.48	1.6	1	11/8/01	8260B	CJR	1
Di-isopropyl ether	< 0.26	ug/l	0.26	0.87	1	11/8/01	8260B	CJR	1
EDB (1,2-Dibromoethane)	< 0.6	ug/l	0.6	2	1	11/8/01	8260B	CJR	1
Ethylbenzene	< 0.12	ug/l	0.12	0.41	1	11/8/01	8260B	CJR	1
Hexachlorobutadiene	< 0.58	ug/l	0.58	1.9	1	11/8/01	8260B	CJR	1
Isopropylbenzene	< 0.15	ug/l	0.15	0.49	1	11/8/01	8260B	CJR	1
p-Isopropyltoluene	< 0.2	ug/l	0.2	0.68	1	11/8/01	8260B	CJR	1
Methylene chloride	< 0.35	ug/l	0.35	1.2	1	11/8/01	8260B	CJR	1

# U.S. Analytical Lab

CURT HOFFART  
 KEY ENGINEERING  
 W66N215 COMMERCE COURT  
 CEDARBURG WI 53012

Project # 0702007  
 Project Name DECORAH ANNEX  
 Invoice # E35270

Report Date 09-Nov-01

Analyte	Result	Units	LOD	LOQ	Dil	Run Date	Method	Analyst	QC Code
<b>Lab Code</b> 5035270C							<b>Sample Type</b> Water		
<b>Sample ID</b> MW-6						<b>Sample Date</b> 11/5/01			
MTBE	< 0.53	ug/l	0.53	1.8	1	11/8/01	8260B	CJR	1
Naphthalene	< 0.68	ug/l	0.68	2.3	1	11/8/01	8260B	CJR	1
n-Propylbenzene	< 0.18	ug/l	0.18	0.59	1	11/8/01	8260B	CJR	1
1,1,2,2-Tetrachloroethane	< 1	ug/l	1	3.3	1	11/8/01	8260B	CJR	1
Tetrachloroethene	1.8	ug/l	0.25	0.83	1	11/8/01	8260B	CJR	1
Toluene	< 0.22	ug/l	0.22	0.74	1	11/8/01	8260B	CJR	1
1,2,4-Trichlorobenzene	< 0.28	ug/l	0.28	0.92	1	11/8/01	8260B	CJR	3
1,2,3-Trichlorobenzene	< 0.45	ug/l	0.45	1.5	1	11/8/01	8260B	CJR	1
1,1,1-Trichloroethane	< 0.29	ug/l	0.29	1	1	11/8/01	8260B	CJR	1
1,1,2-Trichloroethane	< 0.56	ug/l	0.56	1.9	1	11/8/01	8260B	CJR	1
Trichloroethene	< 0.36	ug/l	0.36	1.2	1	11/8/01	8260B	CJR	1
Trichlorofluoromethane	< 0.23	ug/l	0.23	0.77	1	11/8/01	8260B	CJR	3 4
1,2,4-Trimethylbenzene	< 0.24	ug/l	0.24	0.79	1	11/8/01	8260B	CJR	1
1,3,5-Trimethylbenzene	< 0.26	ug/l	0.26	0.87	1	11/8/01	8260B	CJR	1
Vinyl Chloride	< 0.23	ug/l	0.23	0.77	1	11/8/01	8260B	CJR	3
m&p-Xylene	< 0.52	ug/l	0.52	1.7	1	11/8/01	8260B	CJR	1
o-Xylene	< 0.22	ug/l	0.22	0.72	1	11/8/01	8260B	CJR	1
<b>Lab Code</b> 5035270D							<b>Sample Type</b> Water		
<b>Sample ID</b> MW-7						<b>Sample Date</b> 11/5/01			

Organic

VOC's

Benzene	< 0.25	ug/l	0.25	0.82	1	11/8/01	8260B	CJR	1
Bromobenzene	< 0.22	ug/l	0.22	0.72	1	11/8/01	8260B	CJR	1
Bromodichloromethane	< 0.21	ug/l	0.21	0.7	1	11/8/01	8260B	CJR	1
tert-Butylbenzene	< 0.16	ug/l	0.16	0.52	1	11/8/01	8260B	CJR	1
sec-Butylbenzene	< 0.22	ug/l	0.22	0.74	1	11/8/01	8260B	CJR	1
n-Butylbenzene	< 0.29	ug/l	0.29	1	1	11/8/01	8260B	CJR	1
Carbon Tetrachloride	< 0.33	ug/l	0.33	1.1	1	11/8/01	8260B	CJR	1
Chlorobenzene	< 0.21	ug/l	0.21	0.7	1	11/8/01	8260B	CJR	1
Chloroethane	< 0.24	ug/l	0.24	0.8	1	11/8/01	8260B	CJR	1
Chloroform	< 0.32	ug/l	0.32	1.1	1	11/8/01	8260B	CJR	1
Chloromethane	< 0.24	ug/l	0.24	0.8	1	11/8/01	8260B	CJR	1
2-Chlorotoluene	< 0.28	ug/l	0.28	0.94	1	11/8/01	8260B	CJR	1
4-Chlorotoluene	< 0.31	ug/l	0.31	1	1	11/8/01	8260B	CJR	1
1,2-Dibromo-3-chloropropane	< 1.5	ug/l	1.5	5	1	11/8/01	8260B	CJR	3



# U.S. Analytical Lab

CURT HOFFART  
KEY ENGINEERING  
W66N215 COMMERCE COURT  
CEDARBURG WI 53012

Project # 0702007  
Project Name DECORAH ANNEX  
Invoice # E35270

Report Date 09-Nov-01

Analyte	Result	Units	LOD	LOQ	Dil	Run Date	Method	Analyst	QC Code	
Lab Code	5035270D					Sample Type	Water			
Sample ID	MW-7					Sample Date	11/5/01			
Dibromochloromethane	< 0.26	ug/l	0.26	0.88	1	11/8/01	8260B	CJR	1	
1,4-Dichlorobenzene	< 0.29	ug/l	0.29	1	1	11/8/01	8260B	CJR	1	
1,3-Dichlorobenzene	< 0.25	ug/l	0.25	0.85	1	11/8/01	8260B	CJR	1	
1,2-Dichlorobenzene	< 0.25	ug/l	0.25	0.83	1	11/8/01	8260B	CJR	1	
Dichlorodifluoromethane	< 0.27	ug/l	0.27	0.88	1	11/8/01	8260B	CJR	3 4 7	
1,2-Dichloroethane	< 0.39	ug/l	0.39	1.3	1	11/8/01	8260B	CJR	1	
1,1-Dichloroethane	< 0.34	ug/l	0.34	1.1	1	11/8/01	8260B	CJR	1	
1,1-Dichloroethene	< 0.36	ug/l	0.36	1.2	1	11/8/01	8260B	CJR	1	
cis-1,2-Dichloroethene	< 1	ug/l	1	3.5	1	11/8/01	8260B	CJR	1	
trans-1,2-Dichloroethene	< 0.23	ug/l	0.23	0.78	1	11/8/01	8260B	CJR	1	
1,2-Dichloropropane	< 0.27	ug/l	0.27	0.91	1	11/8/01	8260B	CJR	1	
2,2-Dichloropropane	< 0.47	ug/l	0.47	1.6	1	11/8/01	8260B	CJR	1	
1,3-Dichloropropane	< 0.48	ug/l	0.48	1.6	1	11/8/01	8260B	CJR	1	
Di-isopropyl ether	< 0.26	ug/l	0.26	0.87	1	11/8/01	8260B	CJR	1	
EDB (1,2-Dibromoethane)	< 0.6	ug/l	0.6	2	1	11/8/01	8260B	CJR	1	
Ethylbenzene	< 0.12	ug/l	0.12	0.41	1	11/8/01	8260B	CJR	1	
Hexachlorobutadiene	< 0.58	ug/l	0.58	1.9	1	11/8/01	8260B	CJR	1	
Isopropylbenzene	< 0.15	ug/l	0.15	0.49	1	11/8/01	8260B	CJR	1	
p-Isopropyltoluene	< 0.2	ug/l	0.2	0.68	1	11/8/01	8260B	CJR	1	
Methylene chloride	< 0.35	ug/l	0.35	1.2	1	11/8/01	8260B	CJR	1	
MTBE	< 0.53	ug/l	0.53	1.8	1	11/8/01	8260B	CJR	1	
Naphthalene	< 0.68	ug/l	0.68	2.3	1	11/8/01	8260B	CJR	1	
n-Propylbenzene	< 0.18	ug/l	0.18	0.59	1	11/8/01	8260B	CJR	1	
1,1,2,2-Tetrachloroethane	< 1	ug/l	1	3.3	1	11/8/01	8260B	CJR	1	
Tetrachloroethene	4.4	ug/l	0.25	0.83	1	11/8/01	8260B	CJR	1	
Toluene	< 0.22	ug/l	0.22	0.74	1	11/8/01	8260B	CJR	1	
1,2,4-Trichlorobenzene	< 0.28	ug/l	0.28	0.92	1	11/8/01	8260B	CJR	3 7	
1,2,3-Trichlorobenzene	< 0.45	ug/l	0.45	1.5	1	11/8/01	8260B	CJR	1	
1,1,1-Trichloroethane	< 0.29	ug/l	0.29	1	1	11/8/01	8260B	CJR	1	
1,1,2-Trichloroethane	< 0.56	ug/l	0.56	1.9	1	11/8/01	8260B	CJR	1	
Trichloroethene	3.2	ug/l	0.36	1.2	1	11/8/01	8260B	CJR	1	
Trichlorofluoromethane	< 0.23	ug/l	0.23	0.77	1	11/8/01	8260B	CJR	3 4 7	
1,2,4-Trimethylbenzene	< 0.24	ug/l	0.24	0.79	1	11/8/01	8260B	CJR	1	
1,3,5-Trimethylbenzene	< 0.26	ug/l	0.26	0.87	1	11/8/01	8260B	CJR	1	
Vinyl Chloride	< 0.23	ug/l	0.23	0.77	1	11/8/01	8260B	CJR	3 7	
m&p-Xylene	< 0.52	ug/l	0.52	1.7	1	11/8/01	8260B	CJR	1	
o-Xylene	< 0.22	ug/l	0.22	0.72	1	11/8/01	8260B	CJR	1	

# U.S. Analytical Lab

CURT HOFFART  
 KEY ENGINEERING  
 W66N215 COMMERCE COURT  
 CEDARBURG WI 53012

Project # 0702007  
 Project Name DECORAH ANNEX  
 Invoice # E35270

Report Date 09-Nov-01

Analyte	Result	Units	LOD	LOQ	Dil	Run Date	Method	Analyst	QC Code
Lab Code	5035270E					Sample Type	Water		
Sample ID	MW-8					Sample Date	11/5/01		

Organic

VOC's

Benzene	< 0.25	ug/l	0.25	0.82	1	11/8/01	8260B	CJR	1
Bromobenzene	< 0.22	ug/l	0.22	0.72	1	11/8/01	8260B	CJR	1
Bromodichloromethane	< 0.21	ug/l	0.21	0.7	1	11/8/01	8260B	CJR	1
tert-Butylbenzene	< 0.16	ug/l	0.16	0.52	1	11/8/01	8260B	CJR	1
sec-Butylbenzene	< 0.22	ug/l	0.22	0.74	1	11/8/01	8260B	CJR	1
n-Butylbenzene	< 0.29	ug/l	0.29	1	1	11/8/01	8260B	CJR	1
Carbon Tetrachloride	< 0.33	ug/l	0.33	1.1	1	11/8/01	8260B	CJR	1
Chlorobenzene	< 0.21	ug/l	0.21	0.7	1	11/8/01	8260B	CJR	1
Chloroethane	< 0.24	ug/l	0.24	0.8	1	11/8/01	8260B	CJR	1
Chloroform	< 0.32	ug/l	0.32	1.1	1	11/8/01	8260B	CJR	1
Chloromethane	< 0.24	ug/l	0.24	0.8	1	11/8/01	8260B	CJR	1
2-Chlorotoluene	< 0.28	ug/l	0.28	0.94	1	11/8/01	8260B	CJR	1
4-Chlorotoluene	< 0.31	ug/l	0.31	1	1	11/8/01	8260B	CJR	1
1,2-Dibromo-3-chloropropane	< 1.5	ug/l	1.5	5	1	11/8/01	8260B	CJR	3 7
Dibromochloromethane	< 0.26	ug/l	0.26	0.88	1	11/8/01	8260B	CJR	1
1,4-Dichlorobenzene	< 0.29	ug/l	0.29	1	1	11/8/01	8260B	CJR	1
1,3-Dichlorobenzene	< 0.25	ug/l	0.25	0.85	1	11/8/01	8260B	CJR	1
1,2-Dichlorobenzene	< 0.25	ug/l	0.25	0.83	1	11/8/01	8260B	CJR	1
Dichlorodifluoromethane	< 0.27	ug/l	0.27	0.88	1	11/8/01	8260B	CJR	3 4 7
1,2-Dichloroethane	< 0.39	ug/l	0.39	1.3	1	11/8/01	8260B	CJR	1
1,1-Dichloroethane	< 0.34	ug/l	0.34	1.1	1	11/8/01	8260B	CJR	1
1,1-Dichloroethene	< 0.36	ug/l	0.36	1.2	1	11/8/01	8260B	CJR	1
cis-1,2-Dichloroethene	< 1	ug/l	1	3.5	1	11/8/01	8260B	CJR	1
trans-1,2-Dichloroethene	< 0.23	ug/l	0.23	0.78	1	11/8/01	8260B	CJR	1
1,2-Dichloropropane	< 0.27	ug/l	0.27	0.91	1	11/8/01	8260B	CJR	1
2,2-Dichloropropane	< 0.47	ug/l	0.47	1.6	1	11/8/01	8260B	CJR	1
1,3-Dichloropropane	< 0.48	ug/l	0.48	1.6	1	11/8/01	8260B	CJR	1
Di-isopropyl ether	< 0.26	ug/l	0.26	0.87	1	11/8/01	8260B	CJR	1
EDB (1,2-Dibromoethane)	< 0.6	ug/l	0.6	2	1	11/8/01	8260B	CJR	1
Ethylbenzene	< 0.12	ug/l	0.12	0.41	1	11/8/01	8260B	CJR	1
Hexachlorobutadiene	< 0.58	ug/l	0.58	1.9	1	11/8/01	8260B	CJR	1
Isopropylbenzene	< 0.15	ug/l	0.15	0.49	1	11/8/01	8260B	CJR	1
p-Isopropyltoluene	< 0.2	ug/l	0.2	0.68	1	11/8/01	8260B	CJR	1
Methylene chloride	< 0.35	ug/l	0.35	1.2	1	11/8/01	8260B	CJR	1

# U.S. Analytical Lab

CURT HOFFART  
 KEY ENGINEERING  
 W66N215 COMMERCE COURT  
 CEDARBURG WI 53012

Project # 0702007  
 Project Name DECORAH ANNEX  
 Invoice # E35270

Report Date 09-Nov-01

Analyte	Result	Units	LOD	LOQ	Dil	Run Date	Method	Analyst	QC Code
<b>Lab Code</b> 5035270E						<b>Sample Type</b> Water			
<b>Sample ID</b> MW-8						<b>Sample Date</b> 11/5/01			
MTBE	< 0.53	ug/l	0.53	1.8	1	11/8/01	8260B	CJR	1
Naphthalene	< 0.68	ug/l	0.68	2.3	1	11/8/01	8260B	CJR	1
n-Propylbenzene	< 0.18	ug/l	0.18	0.59	1	11/8/01	8260B	CJR	1
1,1,2,2-Tetrachloroethane	< 1	ug/l	1	3.3	1	11/8/01	8260B	CJR	1
Tetrachloroethene	5.6	ug/l	0.25	0.83	1	11/8/01	8260B	CJR	1
Toluene	< 0.22	ug/l	0.22	0.74	1	11/8/01	8260B	CJR	1
1,2,4-Trichlorobenzene	< 0.28	ug/l	0.28	0.92	1	11/8/01	8260B	CJR	3 7
1,2,3-Trichlorobenzene	< 0.45	ug/l	0.45	1.5	1	11/8/01	8260B	CJR	1
1,1,1-Trichloroethane	< 0.29	ug/l	0.29	1	1	11/8/01	8260B	CJR	1
1,1,2-Trichloroethane	< 0.56	ug/l	0.56	1.9	1	11/8/01	8260B	CJR	1
Trichloroethene	2.3	ug/l	0.36	1.2	1	11/8/01	8260B	CJR	1
Trichlorofluoromethane	< 0.23	ug/l	0.23	0.77	1	11/8/01	8260B	CJR	3 4 7
1,2,4-Trimethylbenzene	< 0.24	ug/l	0.24	0.79	1	11/8/01	8260B	CJR	1
1,3,5-Trimethylbenzene	< 0.26	ug/l	0.26	0.87	1	11/8/01	8260B	CJR	1
Vinyl Chloride	< 0.23	ug/l	0.23	0.77	1	11/8/01	8260B	CJR	3 7
m&p-Xylene	< 0.52	ug/l	0.52	1.7	1	11/8/01	8260B	CJR	1
o-Xylene	< 0.22	ug/l	0.22	0.72	1	11/8/01	8260B	CJR	1

<b>Lab Code</b> 5035270F						<b>Sample Type</b> Water			
<b>Sample ID</b> MW-9						<b>Sample Date</b> 11/5/01			

Organic

VOC's

Benzene	< 0.25	ug/l	0.25	0.82	1	11/8/01	8260B	CJR	1
Bromobenzene	< 0.22	ug/l	0.22	0.72	1	11/8/01	8260B	CJR	1
Bromodichloromethane	< 0.21	ug/l	0.21	0.7	1	11/8/01	8260B	CJR	1
tert-Butylbenzene	< 0.16	ug/l	0.16	0.52	1	11/8/01	8260B	CJR	1
sec-Butylbenzene	< 0.22	ug/l	0.22	0.74	1	11/8/01	8260B	CJR	1
n-Butylbenzene	< 0.29	ug/l	0.29	1	1	11/8/01	8260B	CJR	1
Carbon Tetrachloride	< 0.33	ug/l	0.33	1.1	1	11/8/01	8260B	CJR	1
Chlorobenzene	< 0.21	ug/l	0.21	0.7	1	11/8/01	8260B	CJR	1
Chloroethane	< 0.24	ug/l	0.24	0.8	1	11/8/01	8260B	CJR	1
Chloroform	< 0.32	ug/l	0.32	1.1	1	11/8/01	8260B	CJR	1
Chloromethane	< 0.24	ug/l	0.24	0.8	1	11/8/01	8260B	CJR	1
2-Chlorotoluene	< 0.28	ug/l	0.28	0.94	1	11/8/01	8260B	CJR	1
4-Chlorotoluene	< 0.31	ug/l	0.31	1	1	11/8/01	8260B	CJR	1
1,2-Dibromo-3-chloropropane	< 1.5	ug/l	1.5	5	1	11/8/01	8260B	CJR	3 7

# U.S. Analytical Lab

CURT HOFFART  
KEY ENGINEERING  
W66N215 COMMERCE COURT  
CEDARBURG WI 53012

Project # 0702007  
Project Name DECORAH ANNEX  
Invoice # E35270

Report Date 09-Nov-01

Analyte	Result	Units	LOD	LOQ	Dil	Run Date	Method	Analyst	QC Code
<b>Lab Code</b> 5035270F						<b>Sample Type</b> Water			
<b>Sample ID</b> MW-9						<b>Sample Date</b> 11/5/01			
Dibromochloromethane	< 0.26	ug/l	0.26	0.88	1	11/8/01	8260B	CJR	1
1,4-Dichlorobenzene	< 0.29	ug/l	0.29	1	1	11/8/01	8260B	CJR	1
1,3-Dichlorobenzene	< 0.25	ug/l	0.25	0.85	1	11/8/01	8260B	CJR	1
1,2-Dichlorobenzene	< 0.25	ug/l	0.25	0.83	1	11/8/01	8260B	CJR	1
Dichlorodifluoromethane	< 0.27	ug/l	0.27	0.88	1	11/8/01	8260B	CJR	3 4 7
1,2-Dichloroethane	< 0.39	ug/l	0.39	1.3	1	11/8/01	8260B	CJR	1
1,1-Dichloroethane	< 0.34	ug/l	0.34	1.1	1	11/8/01	8260B	CJR	1
1,1-Dichloroethene	< 0.36	ug/l	0.36	1.2	1	11/8/01	8260B	CJR	1
cis-1,2-Dichloroethene	< 1	ug/l	1	3.5	1	11/8/01	8260B	CJR	1
trans-1,2-Dichloroethene	0.25 "J"	ug/l	0.23	0.78	1	11/8/01	8260B	CJR	1
1,2-Dichloropropane	< 0.27	ug/l	0.27	0.91	1	11/8/01	8260B	CJR	1
2,2-Dichloropropane	< 0.47	ug/l	0.47	1.6	1	11/8/01	8260B	CJR	1
1,3-Dichloropropane	< 0.48	ug/l	0.48	1.6	1	11/8/01	8260B	CJR	1
Di-isopropyl ether	< 0.26	ug/l	0.26	0.87	1	11/8/01	8260B	CJR	1
EDB (1,2-Dibromoethane)	< 0.6	ug/l	0.6	2	1	11/8/01	8260B	CJR	1
Ethylbenzene	< 0.12	ug/l	0.12	0.41	1	11/8/01	8260B	CJR	1
Hexachlorobutadiene	< 0.58	ug/l	0.58	1.9	1	11/8/01	8260B	CJR	1
Isopropylbenzene	< 0.15	ug/l	0.15	0.49	1	11/8/01	8260B	CJR	1
p-Isopropyltoluene	< 0.2	ug/l	0.2	0.68	1	11/8/01	8260B	CJR	1
Methylene chloride	< 0.35	ug/l	0.35	1.2	1	11/8/01	8260B	CJR	1
MTBE	< 0.53	ug/l	0.53	1.8	1	11/8/01	8260B	CJR	1
Naphthalene	< 0.68	ug/l	0.68	2.3	1	11/8/01	8260B	CJR	1
n-Propylbenzene	< 0.18	ug/l	0.18	0.59	1	11/8/01	8260B	CJR	1
1,1,2,2-Tetrachloroethane	< 1	ug/l	1	3.3	1	11/8/01	8260B	CJR	1
Tetrachloroethene	4.2	ug/l	0.25	0.83	1	11/8/01	8260B	CJR	1
Toluene	< 0.22	ug/l	0.22	0.74	1	11/8/01	8260B	CJR	1
1,2,4-Trichlorobenzene	< 0.28	ug/l	0.28	0.92	1	11/8/01	8260B	CJR	3 7
1,2,3-Trichlorobenzene	< 0.45	ug/l	0.45	1.5	1	11/8/01	8260B	CJR	1
1,1,1-Trichloroethane	< 0.29	ug/l	0.29	1	1	11/8/01	8260B	CJR	1
1,1,2-Trichloroethane	< 0.56	ug/l	0.56	1.9	1	11/8/01	8260B	CJR	1
Trichloroethene	8.9	ug/l	0.36	1.2	1	11/8/01	8260B	CJR	1
Trichlorofluoromethane	< 0.23	ug/l	0.23	0.77	1	11/8/01	8260B	CJR	3 4 7
1,2,4-Trimethylbenzene	< 0.24	ug/l	0.24	0.79	1	11/8/01	8260B	CJR	1
1,3,5-Trimethylbenzene	< 0.26	ug/l	0.26	0.87	1	11/8/01	8260B	CJR	1
Vinyl Chloride	< 0.23	ug/l	0.23	0.77	1	11/8/01	8260B	CJR	3 7
m&p-Xylene	< 0.52	ug/l	0.52	1.7	1	11/8/01	8260B	CJR	1
o-Xylene	< 0.22	ug/l	0.22	0.72	1	11/8/01	8260B	CJR	1

# U.S. Analytical Lab

CURT HOFFART  
 KEY ENGINEERING  
 W66N215 COMMERCE COURT  
 CEDARBURG WI 53012

Project # 0702007  
 Project Name DECORAH ANNEX  
 Invoice # E35270

Report Date 09-Nov-01

Analyte	Result	Units	LOD	LOQ	Dil	Run Date	Method	Analyst	QC Code
Lab Code	5035270G					Sample Type	Water		
Sample ID	MW-10					Sample Date	11/5/01		

Organic

VOC's

Benzene	< 0.25	ug/l	0.25	0.82	1	11/8/01	8260B	CJR	1
Bromobenzene	< 0.22	ug/l	0.22	0.72	1	11/8/01	8260B	CJR	1
Bromodichloromethane	< 0.21	ug/l	0.21	0.7	1	11/8/01	8260B	CJR	1
tert-Butylbenzene	< 0.16	ug/l	0.16	0.52	1	11/8/01	8260B	CJR	1
sec-Butylbenzene	< 0.22	ug/l	0.22	0.74	1	11/8/01	8260B	CJR	1
n-Butylbenzene	< 0.29	ug/l	0.29	1	1	11/8/01	8260B	CJR	1
Carbon Tetrachloride	< 0.33	ug/l	0.33	1.1	1	11/8/01	8260B	CJR	1
Chlorobenzene	< 0.21	ug/l	0.21	0.7	1	11/8/01	8260B	CJR	1
Chloroethane	< 0.24	ug/l	0.24	0.8	1	11/8/01	8260B	CJR	1
Chloroform	< 0.32	ug/l	0.32	1.1	1	11/8/01	8260B	CJR	1
Chloromethane	< 0.24	ug/l	0.24	0.8	1	11/8/01	8260B	CJR	1
2-Chlorotoluene	< 0.28	ug/l	0.28	0.94	1	11/8/01	8260B	CJR	1
4-Chlorotoluene	< 0.31	ug/l	0.31	1	1	11/8/01	8260B	CJR	1
1,2-Dibromo-3-chloropropane	< 1.5	ug/l	1.5	5	1	11/8/01	8260B	CJR	3 7
Dibromochloromethane	< 0.26	ug/l	0.26	0.88	1	11/8/01	8260B	CJR	1
1,4-Dichlorobenzene	< 0.29	ug/l	0.29	1	1	11/8/01	8260B	CJR	1
1,3-Dichlorobenzene	< 0.25	ug/l	0.25	0.85	1	11/8/01	8260B	CJR	1
1,2-Dichlorobenzene	< 0.25	ug/l	0.25	0.83	1	11/8/01	8260B	CJR	1
Dichlorodifluoromethane	< 0.27	ug/l	0.27	0.88	1	11/8/01	8260B	CJR	3 4 7
1,2-Dichloroethane	< 0.39	ug/l	0.39	1.3	1	11/8/01	8260B	CJR	1
1,1-Dichloroethane	< 0.34	ug/l	0.34	1.1	1	11/8/01	8260B	CJR	1
1,1-Dichloroethene	< 0.36	ug/l	0.36	1.2	1	11/8/01	8260B	CJR	1
cis-1,2-Dichloroethene	< 1	ug/l	1	3.5	1	11/8/01	8260B	CJR	1
trans-1,2-Dichloroethene	< 0.23	ug/l	0.23	0.78	1	11/8/01	8260B	CJR	1
1,2-Dichloropropane	< 0.27	ug/l	0.27	0.91	1	11/8/01	8260B	CJR	1
2,2-Dichloropropane	< 0.47	ug/l	0.47	1.6	1	11/8/01	8260B	CJR	1
1,3-Dichloropropane	< 0.48	ug/l	0.48	1.6	1	11/8/01	8260B	CJR	1
Di-isopropyl ether	< 0.26	ug/l	0.26	0.87	1	11/8/01	8260B	CJR	1
EDB (1,2-Dibromoethane)	< 0.6	ug/l	0.6	2	1	11/8/01	8260B	CJR	1
Ethylbenzene	< 0.12	ug/l	0.12	0.41	1	11/8/01	8260B	CJR	1
Hexachlorobutadiene	< 0.58	ug/l	0.58	1.9	1	11/8/01	8260B	CJR	1
Isopropylbenzene	< 0.15	ug/l	0.15	0.49	1	11/8/01	8260B	CJR	1
p-Isopropyltoluene	< 0.2	ug/l	0.2	0.68	1	11/8/01	8260B	CJR	1
Methylene chloride	< 0.35	ug/l	0.35	1.2	1	11/8/01	8260B	CJR	1

# U.S. Analytical Lab

CURT HOFFART  
KEY ENGINEERING  
W66N215 COMMERCE COURT  
CEDARBURG WI 53012

Project # 0702007  
Project Name DECORAH ANNEX  
Invoice # E35270

Report Date 09-Nov-01

Analyte	Result	Units	LOD	LOQ	Dil	Run Date	Method	Analyst	QC Code
<b>Lab Code</b> 5035270G						<b>Sample Type</b> Water			
<b>Sample ID</b> MW-10						<b>Sample Date</b> 11/5/01			
MTBE	< 0.53	ug/l	0.53	1.8	1	11/8/01	8260B	CJR	1
Naphthalene	< 0.68	ug/l	0.68	2.3	1	11/8/01	8260B	CJR	1
n-Propylbenzene	< 0.18	ug/l	0.18	0.59	1	11/8/01	8260B	CJR	1
1,1,2,2-Tetrachloroethane	< 1	ug/l	1	3.3	1	11/8/01	8260B	CJR	1
Tetrachloroethene	6.4	ug/l	0.25	0.83	1	11/8/01	8260B	CJR	1
Toluene	< 0.22	ug/l	0.22	0.74	1	11/8/01	8260B	CJR	1
1,2,4-Trichlorobenzene	< 0.28	ug/l	0.28	0.92	1	11/8/01	8260B	CJR	3 7
1,2,3-Trichlorobenzene	< 0.45	ug/l	0.45	1.5	1	11/8/01	8260B	CJR	1
1,1,1-Trichloroethane	< 0.29	ug/l	0.29	1	1	11/8/01	8260B	CJR	1
1,1,2-Trichloroethane	< 0.56	ug/l	0.56	1.9	1	11/8/01	8260B	CJR	1
Trichloroethene	0.61 "J"	ug/l	0.36	1.2	1	11/8/01	8260B	CJR	1
Trichlorofluoromethane	< 0.23	ug/l	0.23	0.77	1	11/8/01	8260B	CJR	3 4 7
1,2,4-Trimethylbenzene	< 0.24	ug/l	0.24	0.79	1	11/8/01	8260B	CJR	1
1,3,5-Trimethylbenzene	< 0.26	ug/l	0.26	0.87	1	11/8/01	8260B	CJR	1
Vinyl Chloride	< 0.23	ug/l	0.23	0.77	1	11/8/01	8260B	CJR	3 7
m&p-Xylene	< 0.52	ug/l	0.52	1.7	1	11/8/01	8260B	CJR	1
o-Xylene	< 0.22	ug/l	0.22	0.72	1	11/8/01	8260B	CJR	1
<b>Lab Code</b> 5035270H						<b>Sample Type</b> Water			
<b>Sample ID</b> MW-11						<b>Sample Date</b> 11/5/01			

Organic

VOC's

Benzene	< 0.25	ug/l	0.25	0.82	1	11/8/01	8260B	CJR	1
Bromobenzene	< 0.22	ug/l	0.22	0.72	1	11/8/01	8260B	CJR	1
Bromodichloromethane	< 0.21	ug/l	0.21	0.7	1	11/8/01	8260B	CJR	1
tert-Butylbenzene	< 0.16	ug/l	0.16	0.52	1	11/8/01	8260B	CJR	1
sec-Butylbenzene	< 0.22	ug/l	0.22	0.74	1	11/8/01	8260B	CJR	1
n-Butylbenzene	< 0.29	ug/l	0.29	1	1	11/8/01	8260B	CJR	1
Carbon Tetrachloride	< 0.33	ug/l	0.33	1.1	1	11/8/01	8260B	CJR	1
Chlorobenzene	< 0.21	ug/l	0.21	0.7	1	11/8/01	8260B	CJR	1
Chloroethane	< 0.24	ug/l	0.24	0.8	1	11/8/01	8260B	CJR	1
Chloroform	0.39 "J"	ug/l	0.32	1.1	1	11/8/01	8260B	CJR	1
Chloromethane	< 0.24	ug/l	0.24	0.8	1	11/8/01	8260B	CJR	1
2-Chlorotoluene	< 0.28	ug/l	0.28	0.94	1	11/8/01	8260B	CJR	1
4-Chlorotoluene	< 0.31	ug/l	0.31	1	1	11/8/01	8260B	CJR	1
1,2-Dibromo-3-chloropropane	< 1.5	ug/l	1.5	5	1	11/8/01	8260B	CJR	3 7

# U.S. Analytical Lab

CURT HOFFART  
 KEY ENGINEERING  
 W66N215 COMMERCE COURT  
 CEDARBURG WI 53012

Project # 0702007  
 Project Name DECORAH ANNEX  
 Invoice # E35270

Report Date 09-Nov-01

Analyte	Result	Units	LOD	LOQ	Dil	Run Date	Method	Analyst	QC Code
<b>Lab Code</b> 5035270H							<b>Sample Type</b> Water		
<b>Sample ID</b> MW-11							<b>Sample Date</b> 11/5/01		
Dibromochloromethane	< 0.26	ug/l	0.26	0.88	1	11/8/01	8260B	CJR	1
1,4-Dichlorobenzene	< 0.29	ug/l	0.29	1	1	11/8/01	8260B	CJR	1
1,3-Dichlorobenzene	< 0.25	ug/l	0.25	0.85	1	11/8/01	8260B	CJR	1
1,2-Dichlorobenzene	< 0.25	ug/l	0.25	0.83	1	11/8/01	8260B	CJR	1
Dichlorodifluoromethane	< 0.27	ug/l	0.27	0.88	1	11/8/01	8260B	CJR	3 4 7
1,2-Dichloroethane	< 0.39	ug/l	0.39	1.3	1	11/8/01	8260B	CJR	1
1,1-Dichloroethane	< 0.34	ug/l	0.34	1.1	1	11/8/01	8260B	CJR	1
1,1-Dichloroethene	< 0.36	ug/l	0.36	1.2	1	11/8/01	8260B	CJR	1
cis-1,2-Dichloroethene	< 1	ug/l	1	3.5	1	11/8/01	8260B	CJR	1
trans-1,2-Dichloroethene	< 0.23	ug/l	0.23	0.78	1	11/8/01	8260B	CJR	1
1,2-Dichloropropane	< 0.27	ug/l	0.27	0.91	1	11/8/01	8260B	CJR	1
2,2-Dichloropropane	< 0.47	ug/l	0.47	1.6	1	11/8/01	8260B	CJR	1
1,3-Dichloropropane	< 0.48	ug/l	0.48	1.6	1	11/8/01	8260B	CJR	1
Di-isopropyl ether	< 0.26	ug/l	0.26	0.87	1	11/8/01	8260B	CJR	1
EDB (1,2-Dibromoethane)	< 0.6	ug/l	0.6	2	1	11/8/01	8260B	CJR	1
Ethylbenzene	< 0.12	ug/l	0.12	0.41	1	11/8/01	8260B	CJR	1
Hexachlorobutadiene	< 0.58	ug/l	0.58	1.9	1	11/8/01	8260B	CJR	1
Isopropylbenzene	< 0.15	ug/l	0.15	0.49	1	11/8/01	8260B	CJR	1
p-Isopropyltoluene	< 0.2	ug/l	0.2	0.68	1	11/8/01	8260B	CJR	1
Methylene chloride	< 0.35	ug/l	0.35	1.2	1	11/8/01	8260B	CJR	1
MTBE	< 0.53	ug/l	0.53	1.8	1	11/8/01	8260B	CJR	1
Naphthalene	< 0.68	ug/l	0.68	2.3	1	11/8/01	8260B	CJR	1
n-Propylbenzene	< 0.18	ug/l	0.18	0.59	1	11/8/01	8260B	CJR	1
1,1,2,2-Tetrachloroethane	< 1	ug/l	1	3.3	1	11/8/01	8260B	CJR	1
Tetrachloroethene	10	ug/l	0.25	0.83	1	11/8/01	8260B	CJR	1
Toluene	< 0.22	ug/l	0.22	0.74	1	11/8/01	8260B	CJR	1
1,2,4-Trichlorobenzene	< 0.28	ug/l	0.28	0.92	1	11/8/01	8260B	CJR	3 7
1,2,3-Trichlorobenzene	< 0.45	ug/l	0.45	1.5	1	11/8/01	8260B	CJR	1
1,1,1-Trichloroethane	< 0.29	ug/l	0.29	1	1	11/8/01	8260B	CJR	1
1,1,2-Trichloroethane	< 0.56	ug/l	0.56	1.9	1	11/8/01	8260B	CJR	1
Trichloroethene	1.5	ug/l	0.36	1.2	1	11/8/01	8260B	CJR	1
Trichlorofluoromethane	< 0.23	ug/l	0.23	0.77	1	11/8/01	8260B	CJR	3 4 7
1,2,4-Trimethylbenzene	< 0.24	ug/l	0.24	0.79	1	11/8/01	8260B	CJR	1
1,3,5-Trimethylbenzene	< 0.26	ug/l	0.26	0.87	1	11/8/01	8260B	CJR	1
Vinyl Chloride	< 0.23	ug/l	0.23	0.77	1	11/8/01	8260B	CJR	3 7
m&p-Xylene	< 0.52	ug/l	0.52	1.7	1	11/8/01	8260B	CJR	1
o-Xylene	< 0.22	ug/l	0.22	0.72	1	11/8/01	8260B	CJR	1

# U.S. Analytical Lab

CURT HOFFART  
KEY ENGINEERING  
W66N215 COMMERCE COURT  
CEDARBURG WI 53012

Project # 0702007  
Project Name DECORAH ANNEX  
Invoice # E35270

Report Date 09-Nov-01

Analyte	Result	Units	LOD	LOQ	Dil	Run Date	Method	Analyst	QC Code
Lab Code	5035270I					Sample Type	Water		
Sample ID	MW-12					Sample Date	11/5/01		

## Organic

### VOC's

Benzene	< 0.25	ug/l	0.25	0.82	1	11/8/01	8260B	CJR	1
Bromobenzene	< 0.22	ug/l	0.22	0.72	1	11/8/01	8260B	CJR	1
Bromodichloromethane	< 0.21	ug/l	0.21	0.7	1	11/8/01	8260B	CJR	1
tert-Butylbenzene	< 0.16	ug/l	0.16	0.52	1	11/8/01	8260B	CJR	1
sec-Butylbenzene	< 0.22	ug/l	0.22	0.74	1	11/8/01	8260B	CJR	1
n-Butylbenzene	< 0.29	ug/l	0.29	1	1	11/8/01	8260B	CJR	1
Carbon Tetrachloride	< 0.33	ug/l	0.33	1.1	1	11/8/01	8260B	CJR	1
Chlorobenzene	< 0.21	ug/l	0.21	0.7	1	11/8/01	8260B	CJR	1
Chloroethane	< 0.24	ug/l	0.24	0.8	1	11/8/01	8260B	CJR	1
Chloroform	< 0.32	ug/l	0.32	1.1	1	11/8/01	8260B	CJR	1
Chloromethane	< 0.24	ug/l	0.24	0.8	1	11/8/01	8260B	CJR	1
2-Chlorotoluene	< 0.28	ug/l	0.28	0.94	1	11/8/01	8260B	CJR	1
4-Chlorotoluene	< 0.31	ug/l	0.31	1	1	11/8/01	8260B	CJR	1
1,2-Dibromo-3-chloropropane	< 1.5	ug/l	1.5	5	1	11/8/01	8260B	CJR	3 7
Dibromochloromethane	< 0.26	ug/l	0.26	0.88	1	11/8/01	8260B	CJR	1
1,4-Dichlorobenzene	< 0.29	ug/l	0.29	1	1	11/8/01	8260B	CJR	1
1,3-Dichlorobenzene	< 0.25	ug/l	0.25	0.85	1	11/8/01	8260B	CJR	1
1,2-Dichlorobenzene	< 0.25	ug/l	0.25	0.83	1	11/8/01	8260B	CJR	1
Dichlorodifluoromethane	< 0.27	ug/l	0.27	0.88	1	11/8/01	8260B	CJR	3 4 7
1,2-Dichloroethane	< 0.39	ug/l	0.39	1.3	1	11/8/01	8260B	CJR	1
1,1-Dichloroethane	< 0.34	ug/l	0.34	1.1	1	11/8/01	8260B	CJR	1
1,1-Dichloroethene	< 0.36	ug/l	0.36	1.2	1	11/8/01	8260B	CJR	1
cis-1,2-Dichloroethene	< 1	ug/l	1	3.5	1	11/8/01	8260B	CJR	1
trans-1,2-Dichloroethene	< 0.23	ug/l	0.23	0.78	1	11/8/01	8260B	CJR	1
1,2-Dichloropropane	< 0.27	ug/l	0.27	0.91	1	11/8/01	8260B	CJR	1
2,2-Dichloropropane	< 0.47	ug/l	0.47	1.6	1	11/8/01	8260B	CJR	1
1,3-Dichloropropane	< 0.48	ug/l	0.48	1.6	1	11/8/01	8260B	CJR	1
Di-isopropyl ether	< 0.26	ug/l	0.26	0.87	1	11/8/01	8260B	CJR	1
EDB (1,2-Dibromoethane)	< 0.6	ug/l	0.6	2	1	11/8/01	8260B	CJR	1
Ethylbenzene	< 0.12	ug/l	0.12	0.41	1	11/8/01	8260B	CJR	1
Hexachlorobutadiene	< 0.58	ug/l	0.58	1.9	1	11/8/01	8260B	CJR	1
Isopropylbenzene	< 0.15	ug/l	0.15	0.49	1	11/8/01	8260B	CJR	1
p-Isopropyltoluene	< 0.2	ug/l	0.2	0.68	1	11/8/01	8260B	CJR	1
Methylene chloride	< 0.35	ug/l	0.35	1.2	1	11/8/01	8260B	CJR	1



# U.S. Analytical Lab

CURT HOFFART  
KEY ENGINEERING  
W66N215 COMMERCE COURT  
CEDARBURG WI 53012

Project # 0702007  
Project Name DECORAH ANNEX  
Invoice # E35270

Report Date 09-Nov-01

Analyte	Result	Units	LOD	LOQ	Dil	Run Date	Method	Analyst	QC Code
<b>Lab Code</b> 5035270I							<b>Sample Type</b> Water		
<b>Sample ID</b> MW-12						<b>Sample Date</b> 11/5/01			
MTBE	< 0.53	ug/l	0.53	1.8	1	11/8/01	8260B	CJR	1
Naphthalene	< 0.68	ug/l	0.68	2.3	1	11/8/01	8260B	CJR	1
n-Propylbenzene	< 0.18	ug/l	0.18	0.59	1	11/8/01	8260B	CJR	1
1,1,2,2-Tetrachloroethane	< 1	ug/l	1	3.3	1	11/8/01	8260B	CJR	1
Tetrachloroethene	< 0.25	ug/l	0.25	0.83	1	11/8/01	8260B	CJR	1
Toluene	< 0.22	ug/l	0.22	0.74	1	11/8/01	8260B	CJR	1
1,2,4-Trichlorobenzene	< 0.28	ug/l	0.28	0.92	1	11/8/01	8260B	CJR	3 7
1,2,3-Trichlorobenzene	< 0.45	ug/l	0.45	1.5	1	11/8/01	8260B	CJR	1
1,1,1-Trichloroethane	< 0.29	ug/l	0.29	1	1	11/8/01	8260B	CJR	1
1,1,2-Trichloroethane	< 0.56	ug/l	0.56	1.9	1	11/8/01	8260B	CJR	1
Trichloroethene	< 0.36	ug/l	0.36	1.2	1	11/8/01	8260B	CJR	1
Trichlorofluoromethane	< 0.23	ug/l	0.23	0.77	1	11/8/01	8260B	CJR	3 4 7
1,2,4-Trimethylbenzene	< 0.24	ug/l	0.24	0.79	1	11/8/01	8260B	CJR	1
1,3,5-Trimethylbenzene	< 0.26	ug/l	0.26	0.87	1	11/8/01	8260B	CJR	1
Vinyl Chloride	< 0.23	ug/l	0.23	0.77	1	11/8/01	8260B	CJR	3 7
m&p-Xylene	< 0.52	ug/l	0.52	1.7	1	11/8/01	8260B	CJR	1
o-Xylene	< 0.22	ug/l	0.22	0.72	1	11/8/01	8260B	CJR	1
<b>Lab Code</b> 5035270J							<b>Sample Type</b> Water		
<b>Sample ID</b> MW-13						<b>Sample Date</b> 11/5/01			

## Organic

### VOC's

Benzene	< 2.5	ug/l	2.5	8.2	10	11/8/01	8260B	CJR	1
Bromobenzene	< 2.2	ug/l	2.2	7.2	10	11/8/01	8260B	CJR	1
Bromodichloromethane	< 2.1	ug/l	2.1	7	10	11/8/01	8260B	CJR	1
tert-Butylbenzene	< 1.6	ug/l	1.6	5.2	10	11/8/01	8260B	CJR	1
sec-Butylbenzene	< 2.2	ug/l	2.2	7.4	10	11/8/01	8260B	CJR	1
n-Butylbenzene	< 2.9	ug/l	2.9	10	10	11/8/01	8260B	CJR	1
Carbon Tetrachloride	< 3.3	ug/l	3.3	11	10	11/8/01	8260B	CJR	1
Chlorobenzene	< 2.1	ug/l	2.1	7	10	11/8/01	8260B	CJR	1
Chloroethane	< 2.4	ug/l	2.4	8	10	11/8/01	8260B	CJR	1
Chloroform	< 3.2	ug/l	3.2	11	10	11/8/01	8260B	CJR	1
Chloromethane	< 2.4	ug/l	2.4	8	10	11/8/01	8260B	CJR	1
2-Chlorotoluene	< 2.8	ug/l	2.8	9.4	10	11/8/01	8260B	CJR	1
4-Chlorotoluene	< 3.1	ug/l	3.1	10	10	11/8/01	8260B	CJR	1
1,2-Dibromo-3-chloropropane	< 15	ug/l	15	50	10	11/8/01	8260B	CJR	3 7

# U.S. Analytical Lab

CURT HOFFART  
 KEY ENGINEERING  
 W66N215 COMMERCE COURT  
 CEDARBURG WI 53012

Project # 0702007  
 Project Name DECORAH ANNEX  
 Invoice # E35270

Report Date 09-Nov-01

Analyte	Result	Units	LOD	LOQ	Dil	Run Date	Method	Analyst	QC Code
<b>Lab Code</b> 5035270J									
<b>Sample ID</b> MW-13									
						<b>Sample Type</b> Water			
						<b>Sample Date</b> 11/5/01			
Dibromochloromethane	< 2.6	ug/l	2.6	8.8	10	11/8/01	8260B	CJR	1
1,4-Dichlorobenzene	< 2.9	ug/l	2.9	10	10	11/8/01	8260B	CJR	1
1,3-Dichlorobenzene	< 2.5	ug/l	2.5	8.5	10	11/8/01	8260B	CJR	1
1,2-Dichlorobenzene	< 2.5	ug/l	2.5	8.3	10	11/8/01	8260B	CJR	1
Dichlorodifluoromethane	< 2.7	ug/l	2.7	8.8	10	11/8/01	8260B	CJR	34
1,2-Dichloroethane	< 3.9	ug/l	3.9	13	10	11/8/01	8260B	CJR	1
1,1-Dichloroethane	< 3.4	ug/l	3.4	11	10	11/8/01	8260B	CJR	1
1,1-Dichloroethene	< 3.6	ug/l	3.6	12	10	11/8/01	8260B	CJR	1
cis-1,2-Dichloroethene	< 10	ug/l	10	35	10	11/8/01	8260B	CJR	1
trans-1,2-Dichloroethene	< 2.3	ug/l	2.3	7.8	10	11/8/01	8260B	CJR	1
1,2-Dichloropropane	< 2.7	ug/l	2.7	9.1	10	11/8/01	8260B	CJR	1
2,2-Dichloropropane	< 4.7	ug/l	4.7	16	10	11/8/01	8260B	CJR	1
1,3-Dichloropropane	< 4.8	ug/l	4.8	16	10	11/8/01	8260B	CJR	1
Di-isopropyl ether	< 2.6	ug/l	2.6	8.7	10	11/8/01	8260B	CJR	1
EDB (1,2-Dibromoethane)	< 6	ug/l	6	20	10	11/8/01	8260B	CJR	1
Ethylbenzene	< 1.2	ug/l	1.2	4.1	10	11/8/01	8260B	CJR	1
Hexachlorobutadiene	< 5.8	ug/l	5.8	19	10	11/8/01	8260B	CJR	1
Isopropylbenzene	< 1.5	ug/l	1.5	4.9	10	11/8/01	8260B	CJR	1
p-Isopropyltoluene	< 2	ug/l	2	6.8	10	11/8/01	8260B	CJR	1
Methylene chloride	< 3.5	ug/l	3.5	12	10	11/8/01	8260B	CJR	1
MTBE	< 5.3	ug/l	5.3	18	10	11/8/01	8260B	CJR	1
Naphthalene	< 6.8	ug/l	6.8	23	10	11/8/01	8260B	CJR	1
n-Propylbenzene	< 1.8	ug/l	1.8	5.9	10	11/8/01	8260B	CJR	1
1,1,2,2-Tetrachloroethane	< 10	ug/l	10	33	10	11/8/01	8260B	CJR	1
Tetrachloroethene	1000	ug/l	2.5	8.3	10	11/8/01	8260B	CJR	1
Toluene	< 2.2	ug/l	2.2	7.4	10	11/8/01	8260B	CJR	1
1,2,4-Trichlorobenzene	< 2.8	ug/l	2.8	9.2	10	11/8/01	8260B	CJR	37
1,2,3-Trichlorobenzene	< 4.5	ug/l	4.5	15	10	11/8/01	8260B	CJR	1
1,1,1-Trichloroethane	< 2.9	ug/l	2.9	10	10	11/8/01	8260B	CJR	1
1,1,2-Trichloroethane	< 5.6	ug/l	5.6	19	10	11/8/01	8260B	CJR	1
Trichloroethene	12	ug/l	3.6	12	10	11/8/01	8260B	CJR	1
Trichlorofluoromethane	< 2.3	ug/l	2.3	7.7	10	11/8/01	8260B	CJR	347
1,2,4-Trimethylbenzene	< 2.4	ug/l	2.4	7.9	10	11/8/01	8260B	CJR	1
1,3,5-Trimethylbenzene	< 2.6	ug/l	2.6	8.7	10	11/8/01	8260B	CJR	1
Vinyl Chloride	< 2.3	ug/l	2.3	7.7	10	11/8/01	8260B	CJR	37
m&p-Xylene	< 5.2	ug/l	5.2	17	10	11/8/01	8260B	CJR	1
o-Xylene	< 2.2	ug/l	2.2	7.2	10	11/8/01	8260B	CJR	1

# U.S. Analytical Lab

CURT HOFFART  
 KEY ENGINEERING  
 W66N215 COMMERCE COURT  
 CEDARBURG WI 53012

Project # 0702007  
 Project Name DECORAH ANNEX  
 Invoice # E35270

Report Date 09-Nov-01

Analyte	Result	Units	LOD	LOQ	Dil	Run Date	Method	Analyst	QC Code
Lab Code	5035270K					Sample Type	Water		
Sample ID	MW-14					Sample Date	11/5/01		

Organic

VOC's

Benzene	< 0.25	ug/l	0.25	0.82	1	11/8/01	8260B	CJR	1
Bromobenzene	< 0.22	ug/l	0.22	0.72	1	11/8/01	8260B	CJR	1
Bromodichloromethane	< 0.21	ug/l	0.21	0.7	1	11/8/01	8260B	CJR	1
tert-Butylbenzene	< 0.16	ug/l	0.16	0.52	1	11/8/01	8260B	CJR	1
sec-Butylbenzene	< 0.22	ug/l	0.22	0.74	1	11/8/01	8260B	CJR	1
n-Butylbenzene	< 0.29	ug/l	0.29	1	1	11/8/01	8260B	CJR	1
Carbon Tetrachloride	< 0.33	ug/l	0.33	1.1	1	11/8/01	8260B	CJR	1
Chlorobenzene	< 0.21	ug/l	0.21	0.7	1	11/8/01	8260B	CJR	1
Chloroethane	< 0.24	ug/l	0.24	0.8	1	11/8/01	8260B	CJR	1
Chloroform	< 0.32	ug/l	0.32	1.1	1	11/8/01	8260B	CJR	1
Chloromethane	< 0.24	ug/l	0.24	0.8	1	11/8/01	8260B	CJR	1
2-Chlorotoluene	< 0.28	ug/l	0.28	0.94	1	11/8/01	8260B	CJR	1
4-Chlorotoluene	< 0.31	ug/l	0.31	1	1	11/8/01	8260B	CJR	1
1,2-Dibromo-3-chloropropane	< 1.5	ug/l	1.5	5	1	11/8/01	8260B	CJR	3 7
Dibromochloromethane	< 0.26	ug/l	0.26	0.88	1	11/8/01	8260B	CJR	1
1,4-Dichlorobenzene	< 0.29	ug/l	0.29	1	1	11/8/01	8260B	CJR	1
1,3-Dichlorobenzene	< 0.25	ug/l	0.25	0.85	1	11/8/01	8260B	CJR	1
1,2-Dichlorobenzene	< 0.25	ug/l	0.25	0.83	1	11/8/01	8260B	CJR	1
Dichlorodifluoromethane	< 0.27	ug/l	0.27	0.88	1	11/8/01	8260B	CJR	3 4 7
1,2-Dichloroethane	< 0.39	ug/l	0.39	1.3	1	11/8/01	8260B	CJR	1
1,1-Dichloroethane	< 0.34	ug/l	0.34	1.1	1	11/8/01	8260B	CJR	1
1,1-Dichloroethene	< 0.36	ug/l	0.36	1.2	1	11/8/01	8260B	CJR	1
cis-1,2-Dichloroethene	< 1	ug/l	1	3.5	1	11/8/01	8260B	CJR	1
trans-1,2-Dichloroethene	< 0.23	ug/l	0.23	0.78	1	11/8/01	8260B	CJR	1
1,2-Dichloropropane	< 0.27	ug/l	0.27	0.91	1	11/8/01	8260B	CJR	1
2,2-Dichloropropane	< 0.47	ug/l	0.47	1.6	1	11/8/01	8260B	CJR	1
1,3-Dichloropropane	< 0.48	ug/l	0.48	1.6	1	11/8/01	8260B	CJR	1
Di-isopropyl ether	< 0.26	ug/l	0.26	0.87	1	11/8/01	8260B	CJR	1
EDB (1,2-Dibromoethane)	< 0.6	ug/l	0.6	2	1	11/8/01	8260B	CJR	1
Ethylbenzene	< 0.12	ug/l	0.12	0.41	1	11/8/01	8260B	CJR	1
Hexachlorobutadiene	< 0.58	ug/l	0.58	1.9	1	11/8/01	8260B	CJR	1
Isopropylbenzene	< 0.15	ug/l	0.15	0.49	1	11/8/01	8260B	CJR	1
p-Isopropyltoluene	< 0.2	ug/l	0.2	0.68	1	11/8/01	8260B	CJR	1
Methylene chloride	< 0.35	ug/l	0.35	1.2	1	11/8/01	8260B	CJR	1

# U.S. Analytical Lab

CURT HOFFART  
KEY ENGINEERING  
W66N215 COMMERCE COURT  
CEDARBURG WI 53012

Project # 0702007  
Project Name DECORAH ANNEX  
Invoice # E35270

Report Date 09-Nov-01

Analyte	Result	Units	LOD	LOQ	Dil	Run Date	Method	Analyst	QC Code
<b>Lab Code</b> 5035270K							<b>Sample Type</b> Water		
<b>Sample ID</b> MW-14						<b>Sample Date</b> 11/5/01			
MTBE	< 0.53	ug/l	0.53	1.8	1	11/8/01	8260B	CJR	1
Naphthalene	< 0.68	ug/l	0.68	2.3	1	11/8/01	8260B	CJR	1
n-Propylbenzene	< 0.18	ug/l	0.18	0.59	1	11/8/01	8260B	CJR	1
1,1,2,2-Tetrachloroethane	< 1	ug/l	1	3.3	1	11/8/01	8260B	CJR	1
Tetrachloroethene	77	ug/l	0.25	0.83	1	11/8/01	8260B	CJR	1
Toluene	< 0.22	ug/l	0.22	0.74	1	11/8/01	8260B	CJR	1
1,2,4-Trichlorobenzene	< 0.28	ug/l	0.28	0.92	1	11/8/01	8260B	CJR	3 7
1,2,3-Trichlorobenzene	< 0.45	ug/l	0.45	1.5	1	11/8/01	8260B	CJR	1
1,1,1-Trichloroethane	< 0.29	ug/l	0.29	1	1	11/8/01	8260B	CJR	1
1,1,2-Trichloroethane	< 0.56	ug/l	0.56	1.9	1	11/8/01	8260B	CJR	1
Trichloroethene	< 0.36	ug/l	0.36	1.2	1	11/8/01	8260B	CJR	1
Trichlorofluoromethane	< 0.23	ug/l	0.23	0.77	1	11/8/01	8260B	CJR	3 4 7
1,2,4-Trimethylbenzene	< 0.24	ug/l	0.24	0.79	1	11/8/01	8260B	CJR	1
1,3,5-Trimethylbenzene	< 0.26	ug/l	0.26	0.87	1	11/8/01	8260B	CJR	1
Vinyl Chloride	< 0.23	ug/l	0.23	0.77	1	11/8/01	8260B	CJR	3 7
m&p-Xylene	< 0.52	ug/l	0.52	1.7	1	11/8/01	8260B	CJR	1
o-Xylene	< 0.22	ug/l	0.22	0.72	1	11/8/01	8260B	CJR	1
<b>Lab Code</b> 5035270L							<b>Sample Type</b> Water		
<b>Sample ID</b> MW-15						<b>Sample Date</b> 11/5/01			

Organic

VOC's

Benzene	< 0.25	ug/l	0.25	0.82	1	11/8/01	8260B	CJR	1
Bromobenzene	< 0.22	ug/l	0.22	0.72	1	11/8/01	8260B	CJR	1
Bromodichloromethane	< 0.21	ug/l	0.21	0.7	1	11/8/01	8260B	CJR	1
tert-Butylbenzene	< 0.16	ug/l	0.16	0.52	1	11/8/01	8260B	CJR	1
sec-Butylbenzene	< 0.22	ug/l	0.22	0.74	1	11/8/01	8260B	CJR	1
n-Butylbenzene	< 0.29	ug/l	0.29	1	1	11/8/01	8260B	CJR	1
Carbon Tetrachloride	< 0.33	ug/l	0.33	1.1	1	11/8/01	8260B	CJR	1
Chlorobenzene	< 0.21	ug/l	0.21	0.7	1	11/8/01	8260B	CJR	1
Chloroethane	< 0.24	ug/l	0.24	0.8	1	11/8/01	8260B	CJR	1
Chloroform	0.77 "J"	ug/l	0.32	1.1	1	11/8/01	8260B	CJR	1
Chloromethane	< 0.24	ug/l	0.24	0.8	1	11/8/01	8260B	CJR	1
2-Chlorotoluene	< 0.28	ug/l	0.28	0.94	1	11/8/01	8260B	CJR	1
4-Chlorotoluene	< 0.31	ug/l	0.31	1	1	11/8/01	8260B	CJR	1
1,2-Dibromo-3-chloropropane	< 1.5	ug/l	1.5	5	1	11/8/01	8260B	CJR	3 7

# U.S. Analytical Lab

CURT HOFFART  
KEY ENGINEERING  
W66N215 COMMERCE COURT  
CEDARBURG WI 53012

Project # 0702007  
Project Name DECORAH ANNEX  
Invoice # E35270

Report Date 09-Nov-01

Analyte	Result	Units	LOD	LOQ	Dil	Run Date	Method	Analyst	QC Code
Lab Code	5035270L		Sample Type		Water				
Sample ID	MW-15		Sample Date		11/5/01				
Dibromochloromethane	< 0.26	ug/l	0.26	0.88	1	11/8/01	8260B	CJR	1
1,4-Dichlorobenzene	< 0.29	ug/l	0.29	1	1	11/8/01	8260B	CJR	1
1,3-Dichlorobenzene	< 0.25	ug/l	0.25	0.85	1	11/8/01	8260B	CJR	1
1,2-Dichlorobenzene	< 0.25	ug/l	0.25	0.83	1	11/8/01	8260B	CJR	1
Dichlorodifluoromethane	< 0.27	ug/l	0.27	0.88	1	11/8/01	8260B	CJR	3 4 7
1,2-Dichloroethane	< 0.39	ug/l	0.39	1.3	1	11/8/01	8260B	CJR	1
1,1-Dichloroethane	< 0.34	ug/l	0.34	1.1	1	11/8/01	8260B	CJR	1
1,1-Dichloroethene	< 0.36	ug/l	0.36	1.2	1	11/8/01	8260B	CJR	1
cis-1,2-Dichloroethene	< 1	ug/l	1	3.5	1	11/8/01	8260B	CJR	1
trans-1,2-Dichloroethene	< 0.23	ug/l	0.23	0.78	1	11/8/01	8260B	CJR	1
1,2-Dichloropropane	< 0.27	ug/l	0.27	0.91	1	11/8/01	8260B	CJR	1
2,2-Dichloropropane	< 0.47	ug/l	0.47	1.6	1	11/8/01	8260B	CJR	1
1,3-Dichloropropane	< 0.48	ug/l	0.48	1.6	1	11/8/01	8260B	CJR	1
Di-isopropyl ether	< 0.26	ug/l	0.26	0.87	1	11/8/01	8260B	CJR	1
EDB (1,2-Dibromoethane)	< 0.6	ug/l	0.6	2	1	11/8/01	8260B	CJR	1
Ethylbenzene	< 0.12	ug/l	0.12	0.41	1	11/8/01	8260B	CJR	1
Hexachlorobutadiene	< 0.58	ug/l	0.58	1.9	1	11/8/01	8260B	CJR	1
Isopropylbenzene	< 0.15	ug/l	0.15	0.49	1	11/8/01	8260B	CJR	1
p-Isopropyltoluene	< 0.2	ug/l	0.2	0.68	1	11/8/01	8260B	CJR	1
Methylene chloride	< 0.35	ug/l	0.35	1.2	1	11/8/01	8260B	CJR	1
MTBE	< 0.53	ug/l	0.53	1.8	1	11/8/01	8260B	CJR	1
Naphthalene	< 0.68	ug/l	0.68	2.3	1	11/8/01	8260B	CJR	1
n-Propylbenzene	< 0.18	ug/l	0.18	0.59	1	11/8/01	8260B	CJR	1
1,1,2,2-Tetrachloroethane	< 1	ug/l	1	3.3	1	11/8/01	8260B	CJR	1
Tetrachloroethene	< 0.25	ug/l	0.25	0.83	1	11/8/01	8260B	CJR	1
Toluene	< 0.22	ug/l	0.22	0.74	1	11/8/01	8260B	CJR	1
1,2,4-Trichlorobenzene	< 0.28	ug/l	0.28	0.92	1	11/8/01	8260B	CJR	3 7
1,2,3-Trichlorobenzene	< 0.45	ug/l	0.45	1.5	1	11/8/01	8260B	CJR	1
1,1,1-Trichloroethane	< 0.29	ug/l	0.29	1	1	11/8/01	8260B	CJR	1
1,1,2-Trichloroethane	< 0.56	ug/l	0.56	1.9	1	11/8/01	8260B	CJR	1
Trichloroethene	< 0.36	ug/l	0.36	1.2	1	11/8/01	8260B	CJR	1
Trichlorofluoromethane	< 0.23	ug/l	0.23	0.77	1	11/8/01	8260B	CJR	3 4 7
1,2,4-Trimethylbenzene	< 0.24	ug/l	0.24	0.79	1	11/8/01	8260B	CJR	1
1,3,5-Trimethylbenzene	< 0.26	ug/l	0.26	0.87	1	11/8/01	8260B	CJR	1
Vinyl Chloride	< 0.23	ug/l	0.23	0.77	1	11/8/01	8260B	CJR	3 7
m&p-Xylene	< 0.52	ug/l	0.52	1.7	1	11/8/01	8260B	CJR	1
o-Xylene	< 0.22	ug/l	0.22	0.72	1	11/8/01	8260B	CJR	1

# U.S. Analytical Lab

CURT HOFFART  
 KEY ENGINEERING  
 W66N215 COMMERCE COURT  
 CEDARBURG WI 53012

Project # 0702007  
 Project Name DECORAH ANNEX  
 Invoice # E35270

Report Date 09-Nov-01

Analyte	Result	Units	LOD	LOQ	Dil	Run Date	Method	Analyst	QC Code
Lab Code	5035270M					Sample Type	Water		
Sample ID	P-3					Sample Date	11/5/01		

Organic

VOC's

Benzene	< 0.25	ug/l	0.25	0.82	1	11/8/01	8260B	CJR	1
Bromobenzene	< 0.22	ug/l	0.22	0.72	1	11/8/01	8260B	CJR	1
Bromodichloromethane	< 0.21	ug/l	0.21	0.7	1	11/8/01	8260B	CJR	1
tert-Butylbenzene	< 0.16	ug/l	0.16	0.52	1	11/8/01	8260B	CJR	1
sec-Butylbenzene	< 0.22	ug/l	0.22	0.74	1	11/8/01	8260B	CJR	1
n-Butylbenzene	< 0.29	ug/l	0.29	1	1	11/8/01	8260B	CJR	1
Carbon Tetrachloride	< 0.33	ug/l	0.33	1.1	1	11/8/01	8260B	CJR	1
Chlorobenzene	< 0.21	ug/l	0.21	0.7	1	11/8/01	8260B	CJR	1
Chloroethane	< 0.24	ug/l	0.24	0.8	1	11/8/01	8260B	CJR	1
Chloroform	< 0.32	ug/l	0.32	1.1	1	11/8/01	8260B	CJR	1
Chloromethane	< 0.24	ug/l	0.24	0.8	1	11/8/01	8260B	CJR	1
2-Chlorotoluene	< 0.28	ug/l	0.28	0.94	1	11/8/01	8260B	CJR	1
4-Chlorotoluene	< 0.31	ug/l	0.31	1	1	11/8/01	8260B	CJR	1
1,2-Dibromo-3-chloropropane	< 1.5	ug/l	1.5	5	1	11/8/01	8260B	CJR	3 7
Dibromochloromethane	< 0.26	ug/l	0.26	0.88	1	11/8/01	8260B	CJR	1
1,4-Dichlorobenzene	< 0.29	ug/l	0.29	1	1	11/8/01	8260B	CJR	1
1,3-Dichlorobenzene	< 0.25	ug/l	0.25	0.85	1	11/8/01	8260B	CJR	1
1,2-Dichlorobenzene	< 0.25	ug/l	0.25	0.83	1	11/8/01	8260B	CJR	1
Dichlorodifluoromethane	< 0.27	ug/l	0.27	0.88	1	11/8/01	8260B	CJR	3 4 7
1,2-Dichloroethane	< 0.39	ug/l	0.39	1.3	1	11/8/01	8260B	CJR	1
1,1-Dichloroethane	< 0.34	ug/l	0.34	1.1	1	11/8/01	8260B	CJR	1
1,1-Dichloroethene	< 0.36	ug/l	0.36	1.2	1	11/8/01	8260B	CJR	1
cis-1,2-Dichloroethene	< 1	ug/l	1	3.5	1	11/8/01	8260B	CJR	1
trans-1,2-Dichloroethene	< 0.23	ug/l	0.23	0.78	1	11/8/01	8260B	CJR	1
1,2-Dichloropropane	< 0.27	ug/l	0.27	0.91	1	11/8/01	8260B	CJR	1
2,2-Dichloropropane	< 0.47	ug/l	0.47	1.6	1	11/8/01	8260B	CJR	1
1,3-Dichloropropane	< 0.48	ug/l	0.48	1.6	1	11/8/01	8260B	CJR	1
Di-isopropyl ether	< 0.26	ug/l	0.26	0.87	1	11/8/01	8260B	CJR	1
EDB (1,2-Dibromoethane)	< 0.6	ug/l	0.6	2	1	11/8/01	8260B	CJR	1
Ethylbenzene	< 0.12	ug/l	0.12	0.41	1	11/8/01	8260B	CJR	1
Hexachlorobutadiene	< 0.58	ug/l	0.58	1.9	1	11/8/01	8260B	CJR	1
Isopropylbenzene	< 0.15	ug/l	0.15	0.49	1	11/8/01	8260B	CJR	1
p-Isopropyltoluene	< 0.2	ug/l	0.2	0.68	1	11/8/01	8260B	CJR	1
Methylene chloride	< 0.35	ug/l	0.35	1.2	1	11/8/01	8260B	CJR	1

# U.S. Analytical Lab

CURT HOFFART  
KEY ENGINEERING  
W66N215 COMMERCE COURT  
CEDARBURG WI 53012

Project # 0702007  
Project Name DECORAH ANNEX  
Invoice # E35270

Report Date 09-Nov-01

Analyte	Result	Units	LOD	LOQ	Dil	Run Date	Method	Analyst	QC Code
<b>Lab Code</b> 5035270M						<b>Sample Type</b> Water			
<b>Sample ID</b> P-3						<b>Sample Date</b> 11/5/01			
MTBE	< 0.53	ug/l	0.53	1.8	1	11/8/01	8260B	CJR	1
Naphthalene	< 0.68	ug/l	0.68	2.3	1	11/8/01	8260B	CJR	1
n-Propylbenzene	< 0.18	ug/l	0.18	0.59	1	11/8/01	8260B	CJR	1
1,1,2,2-Tetrachloroethane	< 1	ug/l	1	3.3	1	11/8/01	8260B	CJR	1
Tetrachloroethene	< 0.25	ug/l	0.25	0.83	1	11/8/01	8260B	CJR	1
Toluene	< 0.22	ug/l	0.22	0.74	1	11/8/01	8260B	CJR	1
1,2,4-Trichlorobenzene	< 0.28	ug/l	0.28	0.92	1	11/8/01	8260B	CJR	3 7
1,2,3-Trichlorobenzene	< 0.45	ug/l	0.45	1.5	1	11/8/01	8260B	CJR	1
1,1,1-Trichloroethane	< 0.29	ug/l	0.29	1	1	11/8/01	8260B	CJR	1
1,1,2-Trichloroethane	< 0.56	ug/l	0.56	1.9	1	11/8/01	8260B	CJR	1
Trichloroethene	< 0.36	ug/l	0.36	1.2	1	11/8/01	8260B	CJR	1
Trichlorofluoromethane	< 0.23	ug/l	0.23	0.77	1	11/8/01	8260B	CJR	3 4 7
1,2,4-Trimethylbenzene	< 0.24	ug/l	0.24	0.79	1	11/8/01	8260B	CJR	1
1,3,5-Trimethylbenzene	< 0.26	ug/l	0.26	0.87	1	11/8/01	8260B	CJR	1
Vinyl Chloride	< 0.23	ug/l	0.23	0.77	1	11/8/01	8260B	CJR	3 7
m&p-Xylene	< 0.52	ug/l	0.52	1.7	1	11/8/01	8260B	CJR	1
o-Xylene	< 0.22	ug/l	0.22	0.72	1	11/8/01	8260B	CJR	1
<b>Lab Code</b> 5035270N						<b>Sample Type</b> Water			
<b>Sample ID</b> DUPLICATE						<b>Sample Date</b> 11/5/01			

Organic

VOC's

Benzene	< 0.25	ug/l	0.25	0.82	1	11/8/01	8260B	CJR	1
Bromobenzene	< 0.22	ug/l	0.22	0.72	1	11/8/01	8260B	CJR	1
Bromodichloromethane	< 0.21	ug/l	0.21	0.7	1	11/8/01	8260B	CJR	1
tert-Butylbenzene	< 0.16	ug/l	0.16	0.52	1	11/8/01	8260B	CJR	1
sec-Butylbenzene	< 0.22	ug/l	0.22	0.74	1	11/8/01	8260B	CJR	1
n-Butylbenzene	< 0.29	ug/l	0.29	1	1	11/8/01	8260B	CJR	1
Carbon Tetrachloride	< 0.33	ug/l	0.33	1.1	1	11/8/01	8260B	CJR	1
Chlorobenzene	< 0.21	ug/l	0.21	0.7	1	11/8/01	8260B	CJR	1
Chloroethane	< 0.24	ug/l	0.24	0.8	1	11/8/01	8260B	CJR	1
Chloroform	0.45 "J"	ug/l	0.32	1.1	1	11/8/01	8260B	CJR	1
Chloromethane	< 0.24	ug/l	0.24	0.8	1	11/8/01	8260B	CJR	1
2-Chlorotoluene	< 0.28	ug/l	0.28	0.94	1	11/8/01	8260B	CJR	1
4-Chlorotoluene	< 0.31	ug/l	0.31	1	1	11/8/01	8260B	CJR	1
1,2-Dibromo-3-chloropropane	< 1.5	ug/l	1.5	5	1	11/8/01	8260B	CJR	3 7

# U.S. Analytical Lab

CURT HOFFART  
 KEY ENGINEERING  
 W66N215 COMMERCE COURT  
 CEDARBURG WI 53012

Project # 0702007  
 Project Name DECORAH ANNEX  
 Invoice # E35270

Report Date 09-Nov-01

Analyte	Result	Units	LOD	LOQ	Dil	Run Date	Method	Analyst	QC Code
Lab Code	5035270N		Sample Type		Water				
Sample ID	DUPLICATE		Sample Date		11/5/01				
Dibromochloromethane	< 0.26	ug/l	0.26	0.88	1	11/8/01	8260B	CJR	1
1,4-Dichlorobenzene	< 0.29	ug/l	0.29	1	1	11/8/01	8260B	CJR	1
1,3-Dichlorobenzene	< 0.25	ug/l	0.25	0.85	1	11/8/01	8260B	CJR	1
1,2-Dichlorobenzene	< 0.25	ug/l	0.25	0.83	1	11/8/01	8260B	CJR	1
Dichlorodifluoromethane	< 0.27	ug/l	0.27	0.88	1	11/8/01	8260B	CJR	3 4 7
1,2-Dichloroethane	< 0.39	ug/l	0.39	1.3	1	11/8/01	8260B	CJR	1
1,1-Dichloroethane	< 0.34	ug/l	0.34	1.1	1	11/8/01	8260B	CJR	1
1,1-Dichloroethene	< 0.36	ug/l	0.36	1.2	1	11/8/01	8260B	CJR	1
cis-1,2-Dichloroethene	< 1	ug/l	1	3.5	1	11/8/01	8260B	CJR	1
trans-1,2-Dichloroethene	< 0.23	ug/l	0.23	0.78	1	11/8/01	8260B	CJR	1
1,2-Dichloropropane	< 0.27	ug/l	0.27	0.91	1	11/8/01	8260B	CJR	1
2,2-Dichloropropane	< 0.47	ug/l	0.47	1.6	1	11/8/01	8260B	CJR	1
1,3-Dichloropropane	< 0.48	ug/l	0.48	1.6	1	11/8/01	8260B	CJR	1
Di-isopropyl ether	< 0.26	ug/l	0.26	0.87	1	11/8/01	8260B	CJR	1
EDB (1,2-Dibromoethane)	< 0.6	ug/l	0.6	2	1	11/8/01	8260B	CJR	1
Ethylbenzene	< 0.12	ug/l	0.12	0.41	1	11/8/01	8260B	CJR	1
Hexachlorobutadiene	< 0.58	ug/l	0.58	1.9	1	11/8/01	8260B	CJR	1
Isopropylbenzene	< 0.15	ug/l	0.15	0.49	1	11/8/01	8260B	CJR	1
p-Isopropyltoluene	< 0.2	ug/l	0.2	0.68	1	11/8/01	8260B	CJR	1
Methylene chloride	< 0.35	ug/l	0.35	1.2	1	11/8/01	8260B	CJR	1
MTBE	< 0.53	ug/l	0.53	1.8	1	11/8/01	8260B	CJR	1
Naphthalene	< 0.68	ug/l	0.68	2.3	1	11/8/01	8260B	CJR	1
n-Propylbenzene	< 0.18	ug/l	0.18	0.59	1	11/8/01	8260B	CJR	1
1,1,2,2-Tetrachloroethane	< 1	ug/l	1	3.3	1	11/8/01	8260B	CJR	1
Tetrachloroethene	8.5	ug/l	0.25	0.83	1	11/8/01	8260B	CJR	1
Toluene	< 0.22	ug/l	0.22	0.74	1	11/8/01	8260B	CJR	1
1,2,4-Trichlorobenzene	< 0.28	ug/l	0.28	0.92	1	11/8/01	8260B	CJR	3 7
1,2,3-Trichlorobenzene	< 0.45	ug/l	0.45	1.5	1	11/8/01	8260B	CJR	1
1,1,1-Trichloroethane	< 0.29	ug/l	0.29	1	1	11/8/01	8260B	CJR	1
1,1,2-Trichloroethane	< 0.56	ug/l	0.56	1.9	1	11/8/01	8260B	CJR	1
Trichloroethene	1.5	ug/l	0.36	1.2	1	11/8/01	8260B	CJR	1
Trichlorofluoromethane	< 0.23	ug/l	0.23	0.77	1	11/8/01	8260B	CJR	3 4 7
1,2,4-Trimethylbenzene	< 0.24	ug/l	0.24	0.79	1	11/8/01	8260B	CJR	1
1,3,5-Trimethylbenzene	< 0.26	ug/l	0.26	0.87	1	11/8/01	8260B	CJR	1
Vinyl Chloride	< 0.23	ug/l	0.23	0.77	1	11/8/01	8260B	CJR	3 7
m&p-Xylene	< 0.52	ug/l	0.52	1.7	1	11/8/01	8260B	CJR	1
o-Xylene	< 0.22	ug/l	0.22	0.72	1	11/8/01	8260B	CJR	1



# U.S. Analytical Lab

CURT HOFFART  
 KEY ENGINEERING  
 W66N215 COMMERCE COURT  
 CEDARBURG WI 53012

Project # 0702007  
 Project Name DECORAH ANNEX  
 Invoice # E35270

Report Date 09-Nov-01

Analyte	Result	Units	LOD	LOQ	Dil	Run Date	Method	Analyst	QC Code
<b>Lab Code</b> 50352700							<b>Sample Type</b> Water		
<b>Sample ID</b> TRIP BLANK							<b>Sample Date</b> 11/5/01		

Organic

VOC's

Benzene	< 0.25	ug/l	0.25	0.82	1	11/8/01	8260B	CJR	1
Bromobenzene	< 0.22	ug/l	0.22	0.72	1	11/8/01	8260B	CJR	1
Bromodichloromethane	< 0.21	ug/l	0.21	0.7	1	11/8/01	8260B	CJR	1
tert-Butylbenzene	< 0.16	ug/l	0.16	0.52	1	11/8/01	8260B	CJR	1
sec-Butylbenzene	< 0.22	ug/l	0.22	0.74	1	11/8/01	8260B	CJR	1
n-Butylbenzene	< 0.29	ug/l	0.29	1	1	11/8/01	8260B	CJR	1
Carbon Tetrachloride	< 0.33	ug/l	0.33	1.1	1	11/8/01	8260B	CJR	1
Chlorobenzene	< 0.21	ug/l	0.21	0.7	1	11/8/01	8260B	CJR	1
Chloroethane	< 0.24	ug/l	0.24	0.8	1	11/8/01	8260B	CJR	1
Chloroform	< 0.32	ug/l	0.32	1.1	1	11/8/01	8260B	CJR	1
Chloromethane	< 0.24	ug/l	0.24	0.8	1	11/8/01	8260B	CJR	1
2-Chlorotoluene	< 0.28	ug/l	0.28	0.94	1	11/8/01	8260B	CJR	1
4-Chlorotoluene	< 0.31	ug/l	0.31	1	1	11/8/01	8260B	CJR	1
1,2-Dibromo-3-chloropropane	< 1.5	ug/l	1.5	5	1	11/8/01	8260B	CJR	3 7
Dibromochloromethane	< 0.26	ug/l	0.26	0.88	1	11/8/01	8260B	CJR	1
1,4-Dichlorobenzene	< 0.29	ug/l	0.29	1	1	11/8/01	8260B	CJR	1
1,3-Dichlorobenzene	< 0.25	ug/l	0.25	0.85	1	11/8/01	8260B	CJR	1
1,2-Dichlorobenzene	< 0.25	ug/l	0.25	0.83	1	11/8/01	8260B	CJR	1
Dichlorodifluoromethane	< 0.27	ug/l	0.27	0.88	1	11/8/01	8260B	CJR	3 4 7
1,2-Dichloroethane	< 0.39	ug/l	0.39	1.3	1	11/8/01	8260B	CJR	1
1,1-Dichloroethane	< 0.34	ug/l	0.34	1.1	1	11/8/01	8260B	CJR	1
1,1-Dichloroethene	< 0.36	ug/l	0.36	1.2	1	11/8/01	8260B	CJR	1
cis-1,2-Dichloroethene	< 1	ug/l	1	3.5	1	11/8/01	8260B	CJR	1
trans-1,2-Dichloroethene	< 0.23	ug/l	0.23	0.78	1	11/8/01	8260B	CJR	1
1,2-Dichloropropane	< 0.27	ug/l	0.27	0.91	1	11/8/01	8260B	CJR	1
2,2-Dichloropropane	< 0.47	ug/l	0.47	1.6	1	11/8/01	8260B	CJR	1
1,3-Dichloropropane	< 0.48	ug/l	0.48	1.6	1	11/8/01	8260B	CJR	1
Di-isopropyl ether	< 0.26	ug/l	0.26	0.87	1	11/8/01	8260B	CJR	1
EDB (1,2-Dibromoethane)	< 0.6	ug/l	0.6	2	1	11/8/01	8260B	CJR	1
Ethylbenzene	< 0.12	ug/l	0.12	0.41	1	11/8/01	8260B	CJR	1
Hexachlorobutadiene	< 0.58	ug/l	0.58	1.9	1	11/8/01	8260B	CJR	1
Isopropylbenzene	< 0.15	ug/l	0.15	0.49	1	11/8/01	8260B	CJR	1
p-Isopropyltoluene	< 0.2	ug/l	0.2	0.68	1	11/8/01	8260B	CJR	1
Methylene chloride	< 0.35	ug/l	0.35	1.2	1	11/8/01	8260B	CJR	1

# U.S. Analytical Lab

CURT HOFFART  
 KEY ENGINEERING  
 W66N215 COMMERCE COURT  
 CEDARBURG WI 53012

Project # 0702007  
 Project Name DECORAH ANNEX  
 Invoice # E35270

Report Date 09-Nov-01

Analyte	Result	Units	LOD	LOQ	Dil	Run Date	Method	Analyst	QC Code	
Lab Code	50352700					Sample Type	Water			
Sample ID	TRIP BLANK					Sample Date	11/5/01			
MTBE	< 0.53	ug/l	0.53	1.8	1	11/8/01	8260B	CJR	1	
Naphthalene	< 0.68	ug/l	0.68	2.3	1	11/8/01	8260B	CJR	1	
n-Propylbenzene	< 0.18	ug/l	0.18	0.59	1	11/8/01	8260B	CJR	1	
1,1,2,2-Tetrachloroethane	< 1	ug/l	1	3.3	1	11/8/01	8260B	CJR	1	
Tetrachloroethene	< 0.25	ug/l	0.25	0.83	1	11/8/01	8260B	CJR	1	
Toluene	< 0.22	ug/l	0.22	0.74	1	11/8/01	8260B	CJR	1	
1,2,4-Trichlorobenzene	< 0.28	ug/l	0.28	0.92	1	11/8/01	8260B	CJR	3 7	
1,2,3-Trichlorobenzene	< 0.45	ug/l	0.45	1.5	1	11/8/01	8260B	CJR	1	
1,1,1-Trichloroethane	< 0.29	ug/l	0.29	1	1	11/8/01	8260B	CJR	1	
1,1,2-Trichloroethane	< 0.56	ug/l	0.56	1.9	1	11/8/01	8260B	CJR	1	
Trichloroethene	< 0.36	ug/l	0.36	1.2	1	11/8/01	8260B	CJR	1	
Trichlorofluoromethane	< 0.23	ug/l	0.23	0.77	1	11/8/01	8260B	CJR	3 4 7	
1,2,4-Trimethylbenzene	< 0.24	ug/l	0.24	0.79	1	11/8/01	8260B	CJR	1	
1,3,5-Trimethylbenzene	< 0.26	ug/l	0.26	0.87	1	11/8/01	8260B	CJR	1	
Vinyl Chloride	< 0.23	ug/l	0.23	0.77	1	11/8/01	8260B	CJR	3 7	
m&p-Xylene	< 0.52	ug/l	0.52	1.7	1	11/8/01	8260B	CJR	1	
o-Xylene	< 0.22	ug/l	0.22	0.72	1	11/8/01	8260B	CJR	1	

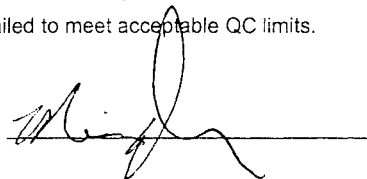
LOD Limit of Detection

"J" Flag: Analyte detected between LOD and LOQ

LOQ Limit of Quantitation

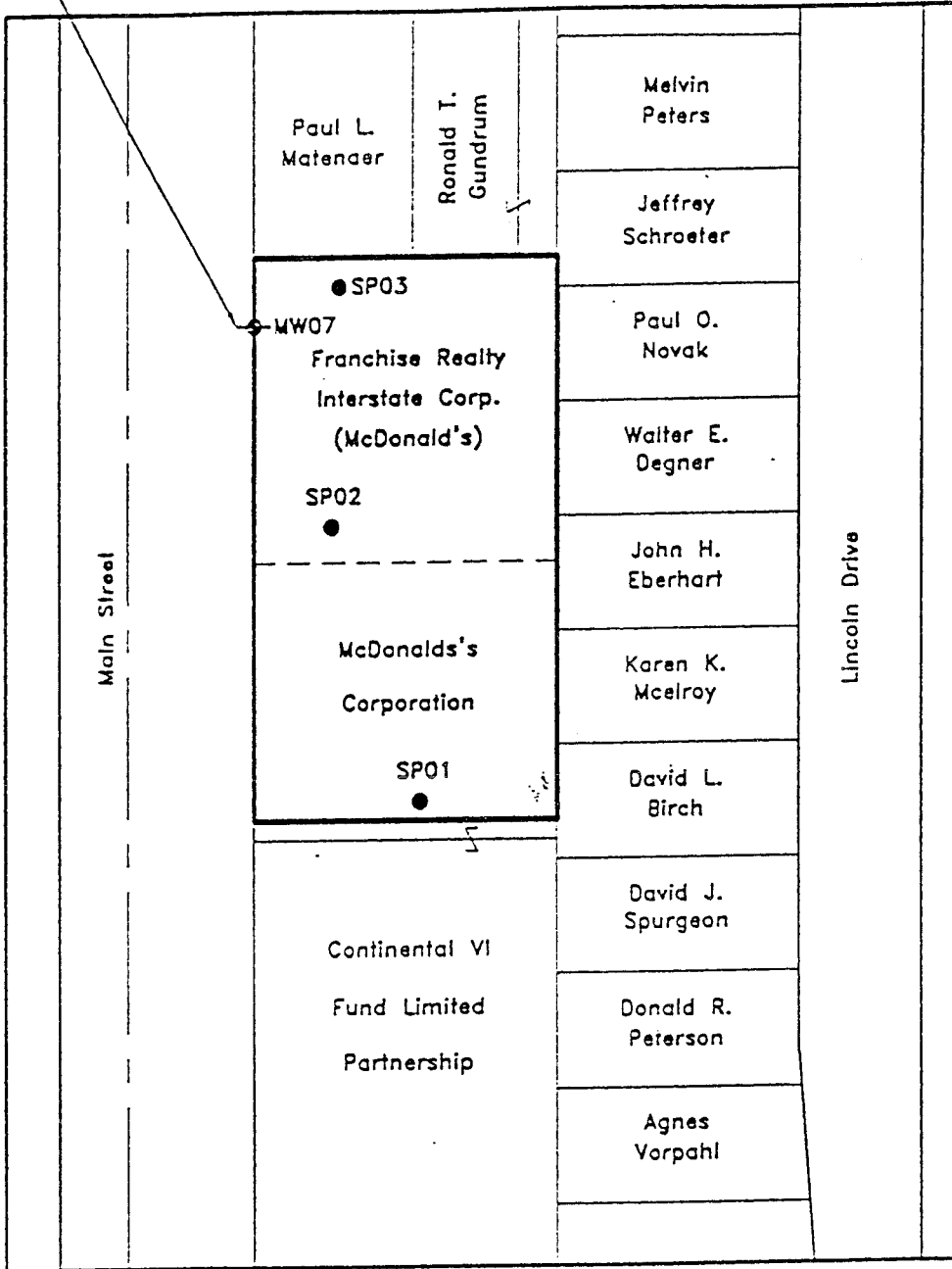
Code	Comment
1	All laboratory QC requirements were met for this sample.
3	The spike recovery failed to meet acceptable QC limits.
4	The check standard failed to meet acceptable QC limits.
7	The LCS spike recovery failed to meet acceptable QC limits.

Authorized Signature



## **ATTACHMENT 4**

**MW07**  
 Groundwater PCE: 140.0 ppb  
 Groundwater TCE: 4.4 ppb  
 (Installed in City of West Bend's  
 Main Utility Trench)



0 100 200  
 Scale in Feet

Scale: 1" = 100'

**SP01**  
 ● = soil probe location and I.D.

**MW07**  
 ⊕ = monitoring well location and I.D.

PCE = Perchloroethylene, measured in ppb  
 TCE = Tetrachloroethylene, measured in ppb  
 ppb = parts per billion

**Figure 2-1**  
**PLAT MAP / SOIL PROBE**  
**MONITORING WELL LOCATIONS**

**Omicron / McDonald's**  
**915 South Main Street**  
**West Bend, WI**

Date:	Drafted By:	Checked By:	Approved By:
4/23/96	PRF		

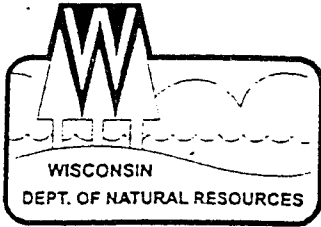
**Cooper**  
 Environmental & Engineering Resources Inc.  
 1411 North Main Street, West Bend, Wisconsin 53095  
 File: D:\DWGS\OMNI-MCD

Table 6-1  
 Groundwater Analytical Results  
 McDonald's Property  
 West Bend, Wisconsin

Sample ID	OM-SP01-0996	OM-SP02-0996	OM-SP03-0996	Enforcement Standard <sup>1</sup> ( $\mu\text{g/l}$ )	Preventive Action Limit <sup>1</sup> ( $\mu\text{g/l}$ )
Parameter ( $\mu\text{g/l}$ )					
Benzene	0.6	ND(<0.6)	ND(<0.6)	5	0.5
Ethylbenzene	ND(<1.0)	ND(<1.0)	ND(<1.0)	700	140
Tetrachloroethene (PCE)	ND(<1.0)	ND(<1.0)	56	5	0.5
Toluene	1.4	1.2	1.2	343	68.6
Trichloroethene (TCE)	ND(<1.0)	ND(<1.0)	7.6	5	0.5
Total Xylenes	ND	ND	ND	620	124

<sup>1</sup> Groundwater standards from Chapter 140, Wis. Adm. Code, September 1995  
 $\mu\text{g/l}$  = Micrograms per liter (parts per billion = ppb)  
 ND = Not detected above detection limits (detection limits given in parenthesis)

OMIC-MCD.2EP



State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

Tommy G. Thompson, Governor  
George E. Meyer, Secretary  
Gloria L. McCutcheon, Regional Director

Southeast Region Annex  
4041 North Richards Street  
PO Box 12436  
Milwaukee, Wisconsin 53212-0436  
Telephone 414-229-0800  
FAX 414-229-0810

April 30, 1999

WDNR FID#267159200  
BRRTS#0767217997

Mr. Lawrence Evans  
Auto Zone, Inc.  
60 Madison Avenue  
Memphis, TN 33254

SUBJECT: Liability exemption for groundwater contaminated by an off-site source at 915 South Main Street, West Bend, WI

Dear Mr. Evans:

Purpose

The Department of Natural Resources ("the Department") has recently reviewed your request for an off-site exemption letter for the property located at 915 South Main Street, West Bend, WI, which will be referred to in this letter as "the Property." You have requested that the Department determine whether Auto Zone, Inc., lessee, is exempt from sec. 292.11(3), (4) and (7)(b) and (c), Wis. Stats. (commonly known as the "Hazardous Substance Spill Law"), with respect to the existence of a hazardous substance in groundwater that you believe is migrating onto the Property from an off-site source.

Determination

As you are aware, s. 292.13(2), Wis. Stats., requires the Department to issue upon request, a written determination regarding a liability exemption for a person who possesses or controls property that is contaminated by an off-site source, when certain conditions are met. Specifically, the Department has reviewed the *Phase I Environmental Site Assessment, McDonald's Property, 915 S. Main Street, West Bend, WI* dated October 4, 1996, the February 28, 1997 Off-site Determination Letter from Michael Thoompson, Wisconsin Department of Natural Resources (WDNR) to Ms. Loretta Mierow, McDonald's Corporation and the Non-culpability letter dated March 18, 1997 from Gina Keenan, WDNR to Mr. Bill Tsiampas, Omicron in order to make this determination. Based upon this information, and in accordance with section 292.13(2), Wis. Stats., the Department makes the following determinations regarding the presence of benzene, toluene, tetrachloroethene, and trichloroethene detected in groundwater at sampling points SPO1, SPO2 and SPO3 located on the Property (see attached map):

1. The hazardous substance discharge originated from a source on property that is not possessed or controlled by Auto Zone, Inc.
2. Auto Zone, Inc. did not possess or control the hazardous substance on the property on which the discharge originated.
3. Auto Zone, Inc. did not cause the discharge.

4. Auto Zone, Inc. will not have liability under the Hazardous Substance Spill Law for investigation or remediation of the groundwater contamination originating from off-site onto the Property, provided that Auto Zone, Inc. does not take possession or control of the hazardous substance of the property on which the discharge originated.

#### Exemption Conditions

The Department's determination, as set forth in this letter, are subject to the following conditions being complied with, as specified in s. 292.13(1) and (1m), Wis. Stats:

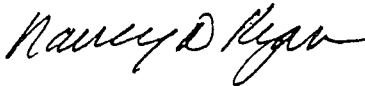
1. The facts upon which the Department based its determination are accurate and do not change.
2. Auto Zone, Inc. agrees to allow the following parties to enter the property to take action to respond to the discharge: the Department and its authorized representatives; any party that possessed or controlled the hazardous substance or caused the discharge; and any consultant or contractor of such a party.
3. Auto Zone, Inc. agrees to avoid any interference with action undertaken to respond to the discharge and to avoid actions that worsen the discharge.
4. Auto Zone, Inc. agrees to any other condition that the Department determines is reasonable and necessary to ensure that the Department and any other authorized party can adequately respond to the discharge.

The Department may revoke the determinations made in this letter if it determines that any of the requirements under sections 292.13(1) or (1m), Wis. Stats., cease to be met.

Future property owners are eligible for the exemption under section 292.13, Wis. Stats., if they meet the requirements listed in that statute section. The determinations in this letter regarding a liability exemption, however, only apply to Auto Zone, Inc., and may not be transferred or assigned to other parties. The Department will provide a written determination to future owners of this property, if such a determination is requested in accordance with the requirements of section 292.13(2), Wis. Stats.

If you have any questions or concerns regarding this letter, please contact me at (414) 229-0874 or Attorney Judy Ohm at (608) 266-9972.

Sincerely,



Nancy D. Ryan  
Hydrogeologist

Cc: SER case file  
Mr. Vasilios Tsiampas

Attachment

State of Wisconsin  
 Department of Natural Resources  
 Box 7921, Madison, WI 53707-7921

**Off-Site Discharge Exemption Request Application**

Form 4400-201 (8/98)  
 Page 1 of 3

Notice: Persons requesting an off-site discharge exemption letter ("off-site letter") from the Remediation and Redevelopment Program, as provided in s. 292.13, Wis. Stats., must provide the information requested on this application. Personally identifiable information collected may be used for purposes other than that for which it was originally collected. Under Wisconsin's open records laws, DNR is required to provide all non-confidential information to any person who requests it. Such information may be provided to the public in written or electronic form.

**Instructions:**

Throughout this application, "Property" refers to a property which has been impacted by hazardous substances that migrated from an off-site source.

1. Fill out separate forms if more than one person is requesting an off-site letter for the Property
2. Attach a check made payable to the DNR to this application form to cover Department review costs. To obtain current information on fees, call (800) 367-6076 for in-state long distance or (608) 264-6020 for out-of-state or local calls.
3. Return completed form to the DNR Regional office where the Property is located. The locations of Regional offices are listed at the end of this form.

**Applicant Information - Person Requesting Off-Site Letter**

Applicant Name - Last: Stephens First: Mike MI: W. Telephone Number: (901) 495-8790

Company: \_\_\_\_\_ Title: Real Estate Manager

Auto Zone \_\_\_\_\_

Mailing Address: 60 Madison Avenue Fax Number: (901) 495-8900

City: Memphis State: TN Zip Code: 35254

Do you:  own or  lease the Property? Do you intend to:  acquire or  lease the Property

Environmental Consultant Name - Last: Cooper First: Kevin MI: J. Telephone Number: (414) 338-9697

Company: Cooper Environmental & Resources, Inc. Title: President

Mailing Address: 1411 North Main Street Fax Number: (414) 338-9645

City: West Bend State: WI Zip Code: 53090

Attorney Name - Last: Kotsonis First: George MI: N. Telephone Number: (414) 271-7474

Firm: Kotsonis Attorney Title: Attorney for Leasor

Mailing Address: Century Building 230 W. Wells Suite 1610 Fax Number: NA

City: Milwaukee State: WI Zip Code: 53203

If you intend to acquire or lease this Property, provide the following information about the current owner of the Property.

Property Owner Name - Last: Tsiampas First: Bill MI: NA Telephone Number: (414) 335-0777

Mailing Address: 1505 South Main Street Fax Number: NA

City: West Bend State: WI Zip Code: 53095

**Property Information - Property Impacted By Off-Site Discharge**

Property/Facility Name: Former McDonald's Property County: Washington

Public Land Survey Coordinates

Quarter-Quarter	NW	NE	Quarter	NW	NE	Section	Range	X	E	Township	Minutes	Latitude	Longitude	Datum (check only one)	
						<u>2</u>	<u>4</u>	<u>2</u>	<u>1</u>	<u>W</u>	<u>1</u>	<u>1</u>	<u>N</u>	<u>Seconds</u>	<u>1990</u>
														<u>Adjustment</u>	

BRR-ERP FID 267159000 Method: \_\_\_\_\_ Accuracy: \_\_\_\_\_

Location Address (Street Name and Number): 915 South Main Street

City: West Bend State: WI Zip Code: 53095



## Off-Site Discharge Exemption Request Application

Form 4400-201 (8/98) Page 2 of 3

### Property Information - Property Impacted By Off-Site Discharge

Has a discharge to soil or groundwater been detected on the Property described?

Yes  No

If contamination has been detected, has it been reported to the State?  Yes  No If yes, check all that apply:  DNR  Division of Emergency Government Date Reported: 10/04/96

Is the source of the contamination known?  Yes  No  Not Confirmed If yes, what is the source? Upgradient Dry Cleaner Establishments

If yes, provide name of the property owner and address of the property where contamination is known or from which it is suspected to be migrating:

Source Property Owner Name - Last	First	MI	Telephone Number
Mr. Bob's Drycleaning (Potential Source)			(414) 338-0735
Location Address of Contamination Source		Fax Number	
1025 South Main Street		NA	
City	State	Zip Code	
West Bend	WI	53095	

### Property Information Needed to Process Application

Provide the following information to process your application:

Please refer to the following documents:

Include the following information for each submittal:

- |   |   |
|---|---|
| <ol style="list-style-type: none"> <li>1. Map(s) showing Property location, and any suspected or known off-site source properties.</li> <li>2. For any environmental data submitted, include:                     <ol style="list-style-type: none"> <li>a) Property map(s) showing sampling locations for all data submitted.</li> <li>b) Interpretation of data signed by a qualified environmental professional.</li> <li>c) Soil boring logs,</li> <li>d) Groundwater monitor well construction, development and sampling logs.</li> <li>e) Laboratory-provided data reports,</li> <li>f) Survey information for groundwater elevations,</li> <li>g) Chain of custody forms for all samples, and</li> <li>h) Description of sample collection methods.</li> </ol> </li> </ol> | <ul style="list-style-type: none"> <li>• Phase I Environmental Site Assessment Report (10/04/96)</li> <li>• Correspondence to WDNR (02/18/97)</li> <li>• Correspondence from WDNR (02/28/97)</li> <li>• Correspondence from WDNR (03/18/97)</li> <li>• Property Lease (08/17/98)</li> </ul> |
|---|---|

Document that the statutory criteria listed in A through C below are satisfied. Examples of information that may be used to document that the criteria are satisfied are provided.

- A. Document that there is hazardous substance contamination present in soil or groundwater on the Property. Examples of information include:

Analytical results and interpretations for samples collected from soil and/or groundwater on the Property, or at or near the Property line, that conclusively document the presence of a hazardous substance in either or both of these media on the Property. This information could be documented in a Phase II Environmental Assessment report.

- B. Document that the hazardous substance contamination present in soil or groundwater on the Property is migrating onto the Property from an off-site source. Examples of information include:

1. Information identifying known or suspected discharges of the hazardous substance on neighboring property(ies) (e.g., a Phase I Environmental Assessment report).
2. Soil and/or groundwater sample data and interpretations adequate to conclude that the hazardous substance is migrating onto the Property, such as:
  - Samples from monitoring wells located on the up-gradient side of the Property (include information to establish up-gradient direction), which show increasing contaminant concentrations toward the up-gradient Property boundary; or
  - off-site investigation results which provide information about groundwater flow direction and contaminant movement that convincingly document that hazardous substances from a known or suspected off-site source have impacted the Property.

- C. Document that the discharge of a hazardous substance is not from a source on the Property. Examples of information include:

1. Information related to historical activities, such as descriptions of chemicals used and handled, areas where chemicals were used and handled, and areas of potential discharges on the Property (e.g., a Phase I Environmental Assessment report).
2. Where the types of hazardous substances used, handled, or discharged on the Property are the same as the hazardous substances migrating on to the Property, provide environmental information (e.g., expanded Phase II environmental assessment data), including analytical results and interpretation for soil and groundwater samples collected from potential discharge areas.