KEY ENGINEERING GROUP LTD.
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January 18, 2000

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

Reference: *Supplemental Site Investigation Report*
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 the results of supplemental site investigation (SSI) activities conducted pursuant to your August 6, 1999 letter to Continental Properties Company, Inc. (Continental). This letter was prepared by Key Engineering Group, Ltd. (KEY) on behalf of Continental.

Objective and Scope

The objectives and scope of the SSI were based on the WDNR's August 6, 1999 letter, which was issued in response to KEY's April 8, 1999 *Site Investigation Report* and subsequent case closure request. The WDNR's requests are summarized as follows:

- Additional soil investigation, including an assessment of potential tetrachloroethene (PCE) source areas (source area assessment) and soil sampling based on this assessment.

- Additional groundwater investigation based on the source area assessment and sampling, and additional sampling of existing groundwater monitoring wells.

- Further evaluation of the site-specific residual contaminant level (SSRCL) developed for PCE.

- Identifying the locations of two diesel aboveground storage tanks (ASTs) formerly located at the site.

The SSI included conducting a reconnaissance of the dry cleaning building; advancing six soil probes; installing one additional groundwater monitoring well and piezometer; developing, sampling and surveying the newly installed monitoring well/piezometer; collecting groundwater samples from six existing groundwater monitoring wells/piezometers; and analyzing collected soil and groundwater samples. The site layout is depicted on Figure 1.

Supplemental Site Investigation

Investigation Procedures

Soil probing and boring; soil sampling; soil sample field screening and laboratory analysis; groundwater monitoring well and piezometer construction, development and sampling; and quality assurance/quality control were conducted in general accordance with the methods identified in KEY's February 3, 1999 *Site Investigation Work Plan* and April 8, 1999 *Site Investigation Report.*

Source Area Assessment Findings

KEY conducted a reconnaissance of the dry cleaning building on August 29, 1999 to identify the locations of sanitary sewer floor drains, dry cleaning equipment, solvent storage, doors, utilities and sampling access constraints. The dry cleaner layout is depicted on Figure 2. The locations of underground sanitary sewer pipes could not be identified at the time of the reconnaissance.

A licensed plumber was retained to identify the locations and depth of the underground sanitary sewer pipes using a camera and locating equipment. The plumber's work indicated that the sewer pipes are 4 inches in diameter and approximately 2 feet below the dry cleaner floor. The sewer pipes extend to the north beneath the portion of the shopping center without a basement, likely tying in with sewer pipes from other stores before entering the 8-inch sanitary sewer in the adjacent access drive. The locations of the sewer pipes within the dry cleaner are depicted on Figure 2.

Source Area Soil Sample Analytical Results

KEY advanced three soil probes east of the dry cleaner (GP-8, GP-9 and GP-10) and three soil probes within the dry cleaner (GP-11, GP-12 and GP-13) on September 3, 1999. The exterior soil probes were placed based on previously collected soil analytical data and the location of the back door of the dry cleaner. The interior soil probes were placed based on the locations of the present and former dry cleaning equipment, solvent storage, waste storage, floor drains and sanitary sewer pipes. The soil probe locations are depicted on Figure 3.

Soil conditions encountered at each soil probe location are detailed on the soil probe logs provided as Attachment 1. The soils encountered during the SSI were generally consistent with those previously encountered at the site and generally consisted of approximately 6 to 8 feet of brown silty sand and sand overlying gray sandy silt. Groundwater was encountered at the approximate depth of the gray, sandy silt. The maximum depth of the interior soil probes was not sufficient to encounter groundwater (the floor of the dry cleaner is approximately 3 feet higher in elevation than the adjacent access drive).

Soil sample field screening (photoionization detector (PID)) results indicated that no PID readings greater than background levels were measured in any of the collected soil samples.

One or two soil samples collected from each soil probe were submitted to U.S. Analytical Lab for analysis of volatile organic compounds (VOCs). Three soil samples were also submitted for analysis of total organic carbon (TOC) to further evaluate the appropriateness of the previously developed site specific soil standards.

The soil sample analytical results are summarized in Table 1 and on Figure 4, and the laboratory analytical report is provided in Attachment 3. The soil sample analytical results indicated that PCE was the only VOC detected. PCE was detected at five soil probe locations; however, none of the concentrations exceeded the highest concentration previously detected (at GP-4).

The TOC analytical results for soil samples collected from GP-9 (4 to 6 feet below ground surface (bgs)), GP-10 (2 to 4 feet bgs) and GP-12 (7 to 9 feet bgs) indicated concentrations of 3,100 milligrams per kilogram (mg/kg), 6,800 mg/kg and 2,200 mg/kg, respectively. The average TOC content was 4,033 mg/kg.

Monitoring Well and Piezometer Installation

One groundwater monitoring well (MW-6) and one piezometer (P-2) were installed in the apparent area of highest PCE concentrations in unsaturated soil (source area) by Briohn Environmental Contractors, Inc. on October 6, 1999. MW-6 and P-2 were installed to approximately 14.5 and 23 feet bgs, respectively. The monitoring well/piezometer locations are depicted on Figures 1 and 2. MW-6 and P-2 were developed and surveyed by KEY on October 8, 1999. The associated soil boring logs and monitoring well construction and development forms are provided in Attachment 2.

Groundwater Sampling

KEY collected groundwater samples from the existing and newly installed monitoring wells/piezometers on October 8, 1999. Each groundwater sample, along with a duplicate sample collected from MW-6, was submitted to U.S. Analytical Lab for VOC analysis. MW-5 (off-site monitoring well) was again purged and sampled on December 3, 1999.

The groundwater sample analytical results are summarized in Table 2 and on Figure 5, and the laboratory analytical report is provided in Attachment 4. The groundwater sample analytical results indicated that PCE was detected at a concentration exceeding the NR 140 enforcement standard (ES) at MW-5 (October 8, 1999 sampling event); however, the PCE concentration detected during the subsequent sampling event (December 3, 1999) was detected below the NR 140 ES. PCE was detected at concentrations exceeding the NR 140 preventive action limit (PAL) at MW-3 and MW-6. Benzene was detected at concentrations exceeding the NR 140 PAL at MW-6 and P-2; however, the concentrations were detected between the laboratory limit of detection and quantitation.

Site Hydrogeology

The depth to groundwater ranged from approximately 6 to 10 feet bgs. Groundwater elevation data is presented in Table 3 and a groundwater elevation contour map is provided as Figure 6. Based on the groundwater elevation contour map, the groundwater flow direction at the site is northeasterly, consistent with the direction identified during previous groundwater elevation measurements.

Summary of Salient SSI Findings and Conclusions

- The extent of residual unsaturated soil PCE impacts has been generally defined. Unsaturated soil PCE isoconcentration contours are depicted on Figure 4. The isoconcentration contours generally indicate a residual PCE soil plume that extends from under the east (back) end of the dry cleaner to the north along the access drive. The highest PCE concentrations were detected in the area of the northeast exterior corner of the dry cleaner. It appears that unsaturated soil PCE impacts do not extend off-site to a significant extent.

- PCE was not detected in on-site groundwater monitoring wells at concentrations greater than the NR 140 ES, including the wells located in the vicinity/down gradient (MW-3 and MW-6) of the highest unsaturated soil impacts. In addition, PCE was not detected in the two on-site piezometers indicating that PCE is not migrating vertically at the site to a significant extent.

- Anomalously, PCE has been detected in MW-5, located off-site and down gradient from MW-3 and MW-6, at concentrations which have fluctuated slightly above and below the NR 140 ES. There do not appear to be any geologic (more permeable seams) or subsurface man-made features (utility conduits) that could reasonably account for this anomaly. Considering the absence of NR 140 ES exceedances at MW-3 and MW-6 and the distribution of residual unsaturated soil impacts, there is a low probability that MW-5 data is representative of a significant off-site groundwater plume.

- Fluctuations in residual PCE concentrations at MW-5 (slightly above and below the NR 140 ES) appear to correlate to fluctuations in groundwater elevation. PCE concentrations exceeding the NR 140 ES were observed during periods of relatively higher groundwater elevations (see Table 3).

- The site and vicinity are serviced by municipal water.

Reevaluation of Site-Specific Soil Standards

The WDNR indicated that the SSRCL of 2,864 micrograms per kilogram (µg/kg) was high due to the organic carbon content (f_{oc}) utilized in the SSRCL development. The f_{oc} utilized in the initial calculation documented in KEY's April 8, 1999 *Site Investigation Report* was based on TOC analytical results collected during the SI. Based on this response, three additional soil samples collected during the SSI were analyzed for TOC.

The SSRCL reevaluation was conducted using the same algorithm utilized initially and documented in the April 8, 1999 report. The only input parameter which was modified during the reevaluation was f_{oc}. The f_{oc} input value used was the average of the previous and new TOC data (18,000 mg/kg). The remaining baseline input parameters were reviewed considering the SSI soil and groundwater sample analytical data and were considered valid. It should be noted that there is significant inherent conservatism "built" into the algorithm due to the use of the NR 140 PAL, rather than the NR 140 ES, as the groundwater "target" concentration.

The SSRCL reevaluation results are provided in Attachment 5. The results indicated a SSRCL for PCE of 1,839 µg/kg utilizing the reduced infiltration rate. Therefore, the SSRCL was reduced approximately 1,000 µg/kg considering the newly collected TOC data. Again, none of the PCE concentrations detected in site soils exceeded the SSRCL.

Diesel Tanks

The WDNR requested further information regarding the location of the two 275-gallon diesel ASTs formerly located at the site. Based on an interview with Mr. Ed Geidel, West Bend Fire Inspector, the ASTs were apparently located east of the site building and were used as generator back-up for Wisconsin Telephone Company when it occupied a portion of the building in the early 1970s. Based on this description and a review of historical aerial photographs, which indicated objects east of the building in 1970 and 1975, the estimated locations of the former ASTs are depicted on Figure 1.

Continental is not aware of any releases from the former ASTs, or from any other potential contaminant source (other than PCE), at the site.

Overall Conclusions and Remedial Action Strategy

The extent of residual unsaturated soil PCE impacts has been generally defined. Based on the above SSI findings and conclusions and SSRCL reevaluation results, active remedial action of the residual unsaturated soil impacts is not considered warranted. Because the data indicates that the residual unsaturated soil impacts do not represent a significant source to further groundwater impacts, it is KEY's opinion that there is a low probability that active remedial action of these soils would significantly improve off-site groundwater quality.

Due to the absence of NR 140 ES exceedances at MW-3 and MW-6 and the distribution of residual unsaturated soil impacts, and the subsequent low probability that anomalous MW-5 data is representative of a significant off-site groundwater plume, additional groundwater investigation is not considered warranted.

Therefore, KEY and Continental will proceed with a quarterly groundwater monitoring program for a minimum of one year to demonstrate the stability or decreasing tendency of the groundwater plume, and to verify that the residual soil impacts do not represent a significant source to groundwater impacts. The groundwater monitoring program will consist of the sampling of each monitoring well/piezometer, with the exception of MW-1 and MW-2, for analysis of VOCs.

If the groundwater monitoring data is consistent with that previously collected at the end of one year of monitoring, case closure will be requested in accordance with NR 726.

Please call if you have any questions.

Sincerely,

KEY ENGINEERING GROUP, LTD.

Curtis M. Hoffart, CHMM
Project Scientist

Gregory L. Johnson, CHMM, P.G., P.E.
Manager of Technical Services

CMH/mas

Enclosures:
Table 1: Summary of Soil Sample Analytical Results
Table 2: Summary of Groundwater Sample Analytical Results
Table 3: Summary of Groundwater Elevation Data
Figure 1: Site Layout
Figure 2: Dry Cleaner Layout
Figure 3: Source Area Soil Probe Locations
Figure 4: Summary of Soil Sample Analytical Results
Figure 5: Summary of Groundwater Sample Analytical Results
Figure 6: Groundwater Elevation Contour Map
Attachment 1: Soil Probe Logs/Abandonment Forms
Attachment 2: Soil Boring Logs/Monitoring Well Construction and Development Forms
Attachment 3: Laboratory Report and Chain of Custody Documentation
Attachment 4: Laboratory Report and Chain of Custody Documentation
Attachment 5: Site Specific Soil Standard Documentation

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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	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	
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	10/23/98	9/3/99	9/3/99	9/3/99	9/3/99	9/3/99	9/3/99	9/3/99	9/3/99	
PID (i.u.)	<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	NE
Trimethylbenzenes	99	<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	400[1]
Xylenes	<50	35	<50	<50	<50	<50	<50	<50	<50	<50	<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	NE
Tetrachloroethene	<25	<25	<25	<25	79	212	31	<25	<25	107	240	120	<25	87	1,400	340	620	60	2864[2]
Benzene	<25	<25	<25	<25	<25	<25	<25	<25	**28**	<25	<25	<25	<25	<25	<25	<25	<25	<25	5.5

Notes:
[1] - WDNR interim guidance
[2] - Site specific residual contaminant level based on the protection of groundwater
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

	MW-1			MW-2			MW-3			MW-4			MW-5			MW-6	P-1			P-2	ES	PAL
Date	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	4/7/98	7/31/98	10/8/99	2/9/99	10/8/99	12/3/99	10/8/99	4/7/98	7/31/98	10/8/99	10/8/99		
Detected VOCs (µg/l)																						
Trimethylbenzenes	<0.5	<0.5	<0.70	0.3 (Q)	<0.5	<0.70	0.2	<0.5	<0.70	<0.5	<0.5	<0.70	<0.5	<0.70	<0.70	6.5	<0.5	<0.5	<0.70	8.0	480	96
Benzene	<0.2	<0.2	<0.25	0.3 (Q)	0.2 (Q)	<0.25	<0.2	<0.2	<0.25	<0.2	<0.2	<0.25	<0.2	<0.25	<0.25	**0.52 (Q)**	<0.2	<0.2	<0.25	**0.58 (Q)**	5	0.5
Toluene	<0.3	<0.3	<0.38	<0.3	<0.3	<0.38	<0.3	<0.3	<0.38	<0.3	<0.3	<0.38	<0.3	<0.38	<0.38	1.2 (Q)	<0.3	<0.3	<0.38	1.5	343	68.6
Ethylbenzene	<0.2	<0.2	<0.32	0.3 (Q)	<0.2	<0.32	<0.2	<0.2	<0.32	<0.2	<0.2	<0.32	<0.2	<0.32	<0.32	1.9	<0.2	<0.2	<0.32	2.2	700	140
Xylenes	<0.6	<0.6	<1.04	1.0 (Q)	<0.6	<1.04	0.5 (Q)	<0.6	<1.04	<0.6	<0.6	<1.04	<0.6	<1.04	<1.04	7.2	<0.6	<0.6	<1.04	8.7	620	124
MTBE	0.5 (Q)	<0.2	<0.21	<0.2	<0.2	<0.21	<0.2	<0.2	<0.21	<0.2	<0.2	<0.21	<0.2	<0.21	<0.21	<0.21	<0.2	<0.2	<0.21	<0.21	60	12
Isopropylbenzene	<0.2	<0.2	<0.33	0.4 (Q)	<0.2	<0.33	<0.2	<0.2	<0.33	<0.2	<0.2	<0.33	<0.2	<0.33	<0.33	<0.33	<0.2	<0.2	<0.33	0.35 (Q)	NE	NE
n-Butylbenzene	<0.2	<0.2	<0.43	0.4 (Q)	<0.2	<0.43	<0.2	<0.2	<0.43	<0.2	<0.2	<0.43	<0.2	<0.43	<0.43	0.49 (Q)	<0.2	<0.2	<0.43	<0.43	NE	NE
n-Propylbenzene	<0.3	<0.3	<0.36	0.3 (Q)	<0.3	<0.36	<0.3	<0.3	<0.36	<0.3	<0.3	<0.36	<0.3	<0.36	<0.36	0.82 (Q)	<0.3	<0.3	<0.36	0.88 (Q)	NE	NE
Naphthalene	<0.5	<0.5	<0.73	0.7 (Q)	<0.5	<0.73	0.7 (Q)	<0.5	<0.73	<0.5	<0.5	<0.73	<0.5	<0.73	<0.73	1.1 (Q)	<0.5	<0.5	<0.73	0.86 (Q)	40	8
cis-1,2-Dichloroethene	<0.2	<0.2	<0.34	<0.2	<0.2	<0.34	<0.2	<0.2	<0.34	<0.2	<0.2	<0.34	<0.2	<0.34	<0.34	0.38 (Q)	<0.2	<0.2	<0.34	<0.34	70	7
Tetrachloroethene	<0.3	<0.3	<0.56	<0.3	<0.3	<0.56	<0.3	**1.6**	**1.3 (Q)**	**1.9**	**0.6 (Q)**	<0.56	**2.5**	**13**	**4**	**4.1**	<0.3	<0.3	<0.56	<0.56	5	0.5
Trichloroethene	<0.2	<0.2	<0.39	<0.2	<0.2	<0.39	<0.2	<0.2	<0.39	<0.2	<0.2	<0.39	**0.6**	**0.5 (Q)**	**0.9 (Q)**	<0.39	<0.2	<0.2	<0.39	<0.39	5	0.5

Notes:
Bold concentrations exceed NR 140 PAL
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
Shaded concentrations exceed NR 140 ES
µg/l - micrograms per liter
VOCs - volatile organic compounds

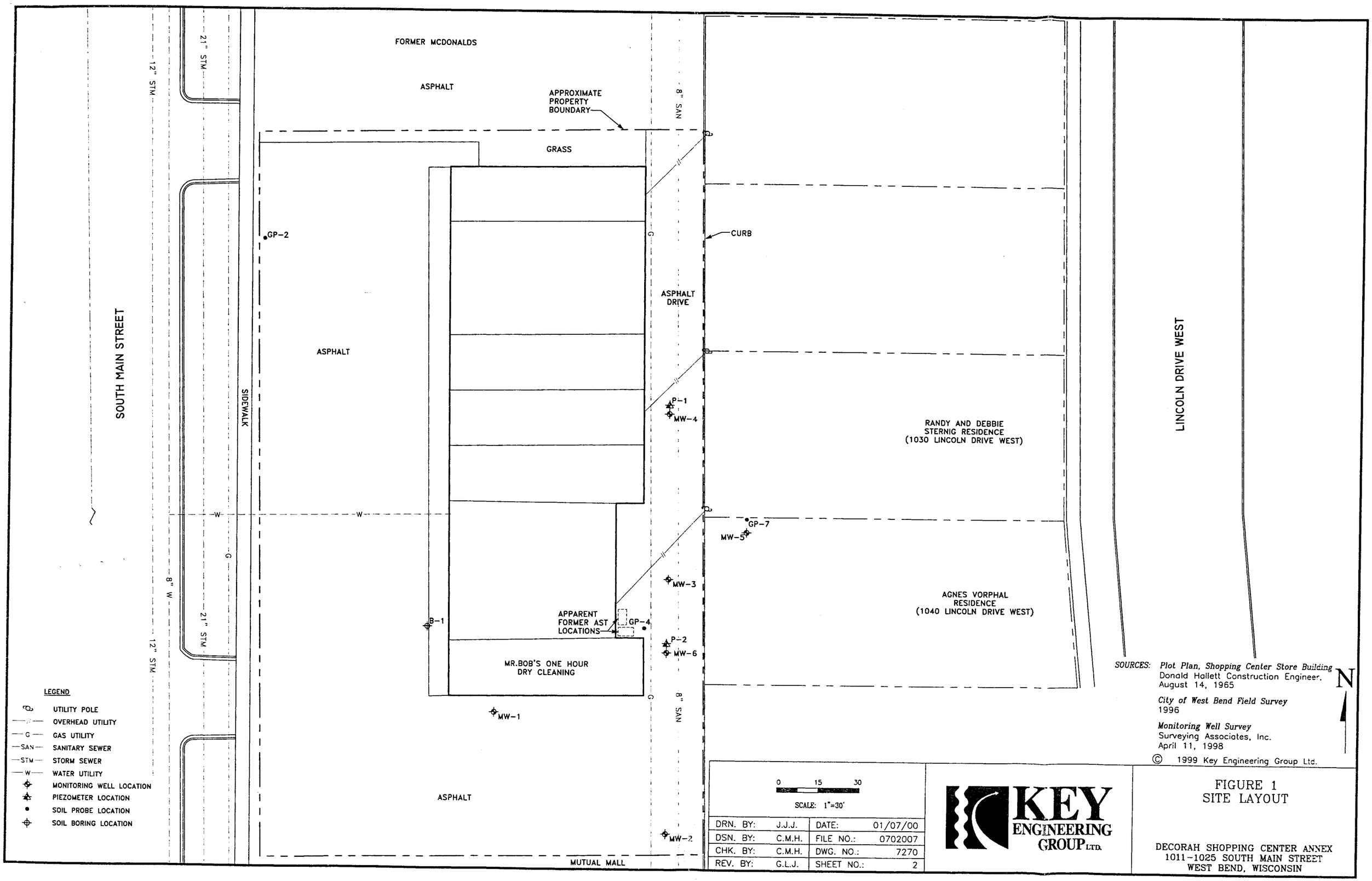
TABLE 3

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	937.97	4/22/98	7.21	930.76
		7/31/98	8.35	929.62
		2/9/99	7.90	930.07
		10/8/99	7.95	930.02
MW-2	937.24	4/22/98	5.99	931.25
		7/31/98	6.94	930.30
		2/9/99	6.57	930.67
		10/8/99	6.69	930.55
MW-3	936.75	4/22/98	8.75	928.00
		7/31/98	9.75	927.00
		2/9/99	9.80	926.95
		10/8/99	9.60	927.15
MW-4	936.55	4/22/98	9.10	927.45
		7/31/98	10.05	926.50
		2/9/99	9.95	926.60
		10/8/99	9.83	926.72
MW-5	934.23	2/9/99	8.01	926.22
		10/8/99	7.58	926.65
		10/28/99	7.87	926.36
		12/3/99	8.15	926.08
MW-6	936.74	10/8/99	9.22	927.52
P-1	936.57	4/22/98	8.57	928.00
		7/31/98	9.93	926.64
		2/9/99	10.31	926.26
		10/8/99	9.76	926.81
P-2	936.66	10/8/99	9.08	927.58

Notes:
Top of PVC elevations for MW-1, MW-2, MW-3, MW-4, and P-1 were surveyed by Surveying Associates, Inc.
MW-5, MW-6 and P-2 were surveyed relative the existing monitoring wells
MSL - mean sea level



SOURCES: *Plot Plan, Shopping Center Store Building*
Donald Hallett Construction Engineer.
August 14, 1965

City of West Bend Field Survey
1996

Monitoring Well Survey
Surveying Associates, Inc.
April 11, 1998

N

0 15 30
SCALE: 1"=30'

DRN. BY:	J.J.J.	DATE:	01/07/00
DSN. BY:	C.M.H.	FILE NO.:	0702007
CHK. BY:	C.M.H.	DWG. NO.:	7270
REV. BY:	G.L.J.	SHEET NO.:	2

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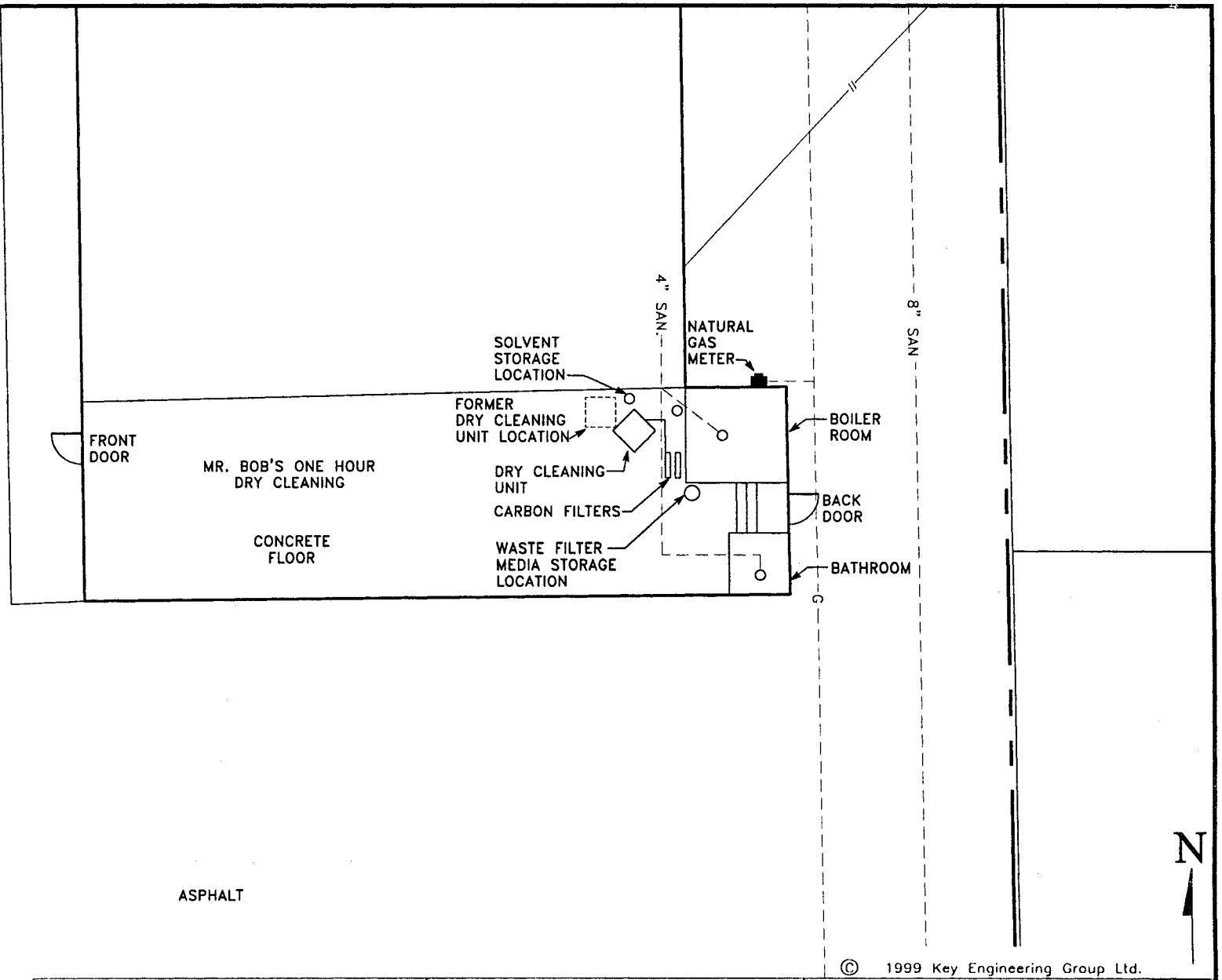
FIGURE 1
SITE LAYOUT

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



LEGEND

// OVERHEAD UTILITY
---G--- GAS UTILITY
—SAN— SANITARY SEWER
O FLOOR DRAIN LOCATION

0 7.5 15

SCALE: 1"=15'

DRN. BY:	J.J.J.	DATE:	11/04/99
DSN. BY:	C.M.H.	FILE NO.:	0702007
CHK. BY:	C.M.H.	DWG. NO.:	7020071
REV. BY:	G.L.J.	SHEET NO.:	1

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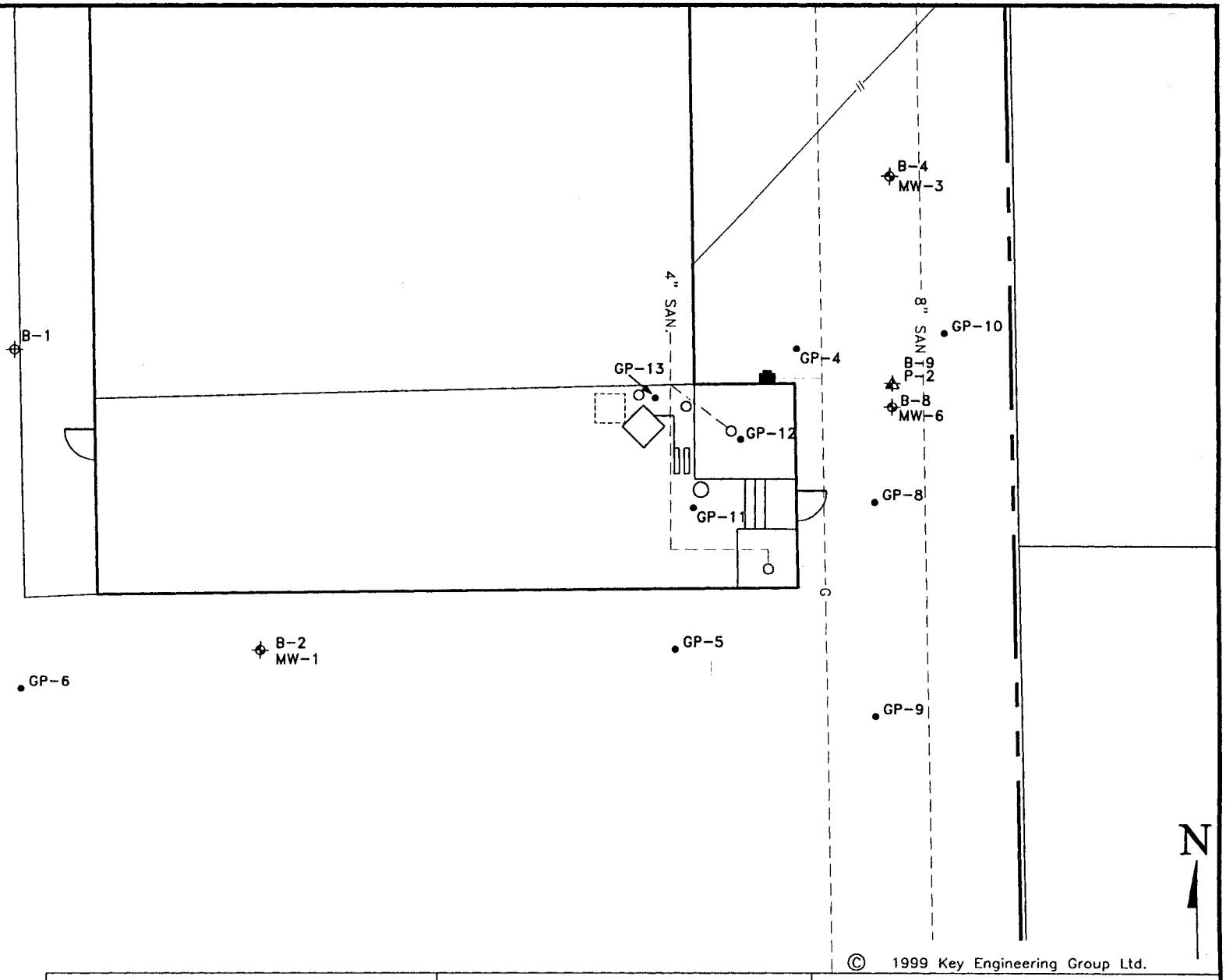
FIGURE 2
DRY CLEANER LAYOUT

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



LEGEND

//	OVERHEAD UTILITY
G	GAS UTILITY
SAN	SANITARY SEWER
○	FLOOR DRAIN LOCATION
⊕	MONITORING WELL LOCATION
⊕	PIEZOMETER LOCATION
•	SOIL PROBE LOCATION
⊕	SOIL BORING LOCATION

0 7.5 15

SCALE: 1"=15'

DRN. BY:	J.J.J.	DATE:	01/07/00
DSN. BY:	C.M.H.	FILE NO.:	0702007
CHK. BY:	C.M.H.	DWG. NO.:	7020071
REV. BY:	G.L.J.	SHEET NO.:	1

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FIGURE 3
SOURCE AREA
SOIL PROBE LOCATIONS

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

GP-2	
DEPTH	7'-9'
PID	2
VOCs	ND

B-4		
DEPTH	1'-3'	6'-8'
PID	<1	<1
N	42	<25
PCE	79	212

GP-13	
DEPTH	7'-9'
PID	<1
PCE	60

B-1		
DEPTH	1'-3'	6'-8'
PID	<1	<1
123-T	30	34
TMB	99	<50
N	51	36 (Q)
X	<50	35
MTBE	<25	43
PCE	<25	<25

GP-11	
DEPTH	5'-7'
PID	<1
PCE	340

GP-1		
DEPTH	7'-9'	
PID	3	
VOCs	ND	

GP-6		
DEPTH	5'-7'	
PID	2	
VOCs	ND	

B-2		
DEPTH	3.5'-5.5'	
PID	<1	
N	50	
PCE	<25	

GP-5		
DEPTH	3'-5'	
PID	4	
PCE	59 (Q)	

B-3		
DEPTH	1'-3'	
PID	<1	
N	38 (Q)	
PCE	<25	

B-5		
DEPTH	1'-3'	6'-8'
PID	<1	<1
N	42	<25
PCE	31	<25

GP-3	
DEPTH	9'-11'
PID	3
PCE	250*

GP-7		
DEPTH	2'-4'	8'-10'
PID	<1	<1
B	28 (Q)	<25
PCE	<25	107*

GP-4	
DEPTH	3'-5'
PID	8
PCE	1,500

GP-10		
DEPTH	2'-4'	8'-10'
PID	<1	<1
PCE	87	1,400*

GP-12	
DEPTH	7'-9'
PID	<1
PCE	620

GP-8		
DEPTH	2'-4'	8'-10'
PCE	240	120

GP-9	
DEPTH	4'-6'
PID	<1
PCE	<25

B-6
P-1
MW-4
B-7
MW-5
B-4
MW-3
P-2
MW-6
B-2
MW-1
B-3
MW-2

0
-50
-100
-500
-1000

NOTES

P.I.D.: PHOTOIONIZATION DETECTOR, I.U.
I.U.: INSTRUMENT UNITS
VOCs: VOLATILE ORGANIC COMPOUNDS, ug/kg
B: BENZENE, ug/kg
123-T: 1,2,3-TRICHLOROBENZENE, ug/kg
TMB: TOTAL TRIMETHYLBENZENES, ug/kg
N: NAPHTHALENE, ug/kg
X: XYLENES, ug/kg
MTBE: METHYL TERT-BUTYL ETHER, ug/kg
PCE: TETRACHOROETHENE, ug/kg
ug/kg: MICROGRAMS PER KILOGRAM
< : LESS THAN
ND: NOT DETECTED ABOVE LABORATORY METHOD DETECTION LIMITS
(Q): CONCENTRATION BETWEEN LIMIT OF DETECTION AND LIMIT OF QUANTITATION
*: CONCENTRATION EVALUATED WITH RESPECT TO GROUNDWATER CONTAMINATION

LEGEND

- MONITORING WELL LOCATION
- PIEZOMETER LOCATION
- SOIL PROBE LOCATION
- SOIL BORING LOCATION
- 50 PCE ISOCONCENTRATION CONTOUR LINE

SOURCES: *Plot Plan, Shopping Center Store Building*
Donald Hallett Construction Engineer,
August 14, 1965

City of West Bend Field Survey
1996

Monitoring Well Survey
Surveying Associates, Inc.
April 11, 1998

N

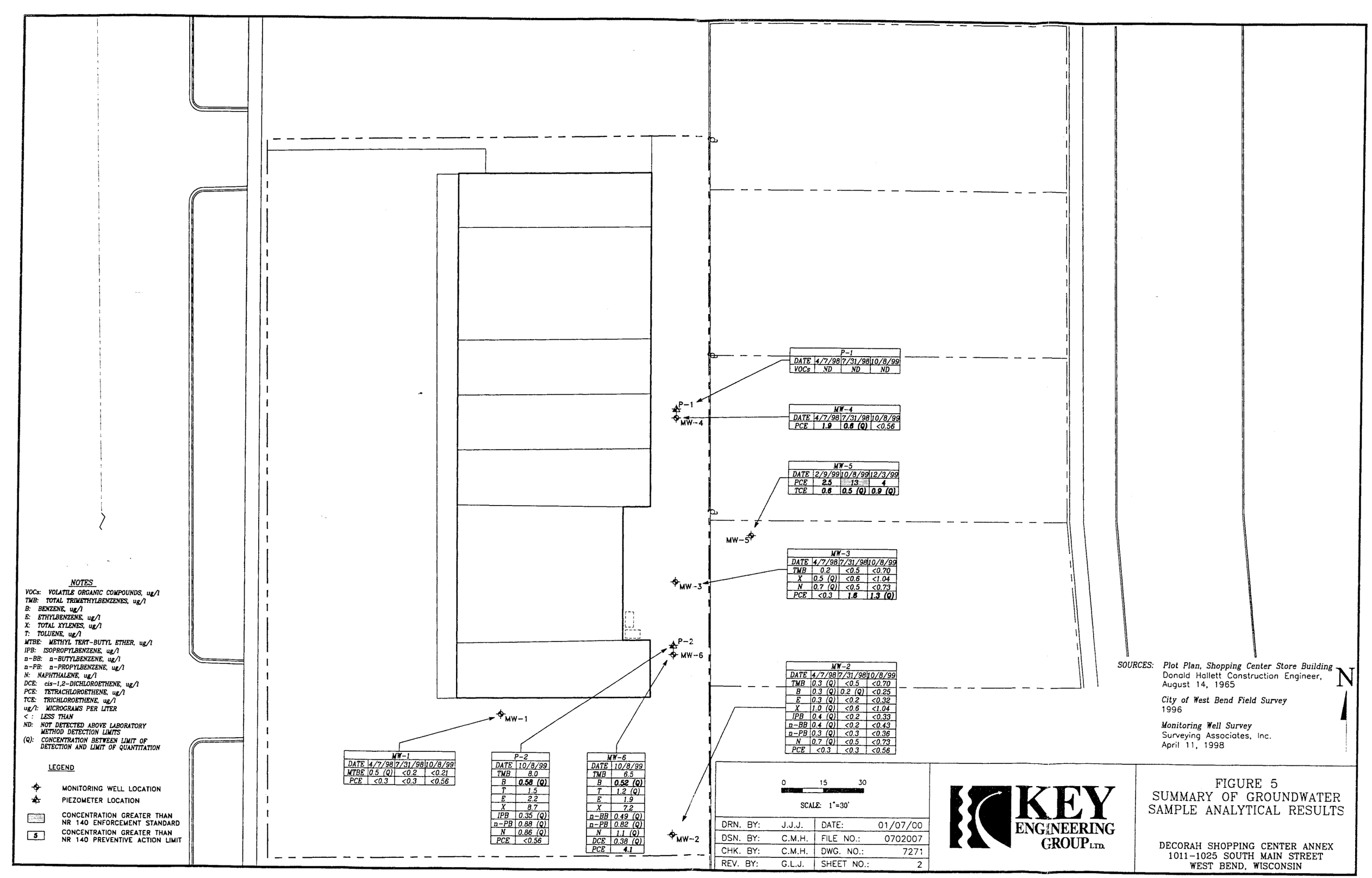
0 15 30
SCALE: 1"=30'

DRN. BY:	J.J.J.	DATE:	01/07/00
DSN. BY:	C.M.H.	FILE NO.:	0702007
CHK. BY:	C.M.H.	DWG. NO.:	7270
REV. BY:	G.L.J.	SHEET NO.:	2

KEY ENGINEERING GROUP LTD.

FIGURE 4
SUMMARY OF SOIL SAMPLE ANALYTICAL RESULTS

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



NOTES

VOCs: VOLATILE ORGANIC COMPOUNDS, ug/l
TMB: TOTAL TRIMETHYLBENZENES, ug/l
B: BENZENE, ug/l
E: ETHYLBENZENE, ug/l
X: TOTAL XYLENES, ug/l
T: TOLUENE, ug/l
MTBE: METHYL TERT-BUTYL ETHER, ug/l
IPB: ISOPROPYLBENZENE, ug/l
n-BB: n-BUTYLBENZENE, ug/l
n-PB: n-PROPYLBENZENE, ug/l
N: NAPHTHALENE, ug/l
DCE: cis-1,2-DICHLOROETHENE, ug/l
PCE: TETRACHLOROETHENE, ug/l
TCE: TRICHLOROETHENE, ug/l
ug/l: MICROGRAMS PER LITER
< : LESS THAN
ND: NOT DETECTED ABOVE LABORATORY METHOD DETECTION LIMITS
(Q): CONCENTRATION BETWEEN LIMIT OF DETECTION AND LIMIT OF QUANTITATION

LEGEND

- MONITORING WELL LOCATION
- PIEZOMETER LOCATION
- CONCENTRATION GREATER THAN NR 140 ENFORCEMENT STANDARD
- 5 CONCENTRATION GREATER THAN NR 140 PREVENTIVE ACTION LIMIT

SOURCES: *Plot Plan, Shopping Center Store Building* Donald Hallett Construction Engineer, August 14, 1965

City of West Bend Field Survey 1996

Monitoring Well Survey Surveying Associates, Inc. April 11, 1998

N

0 15 30

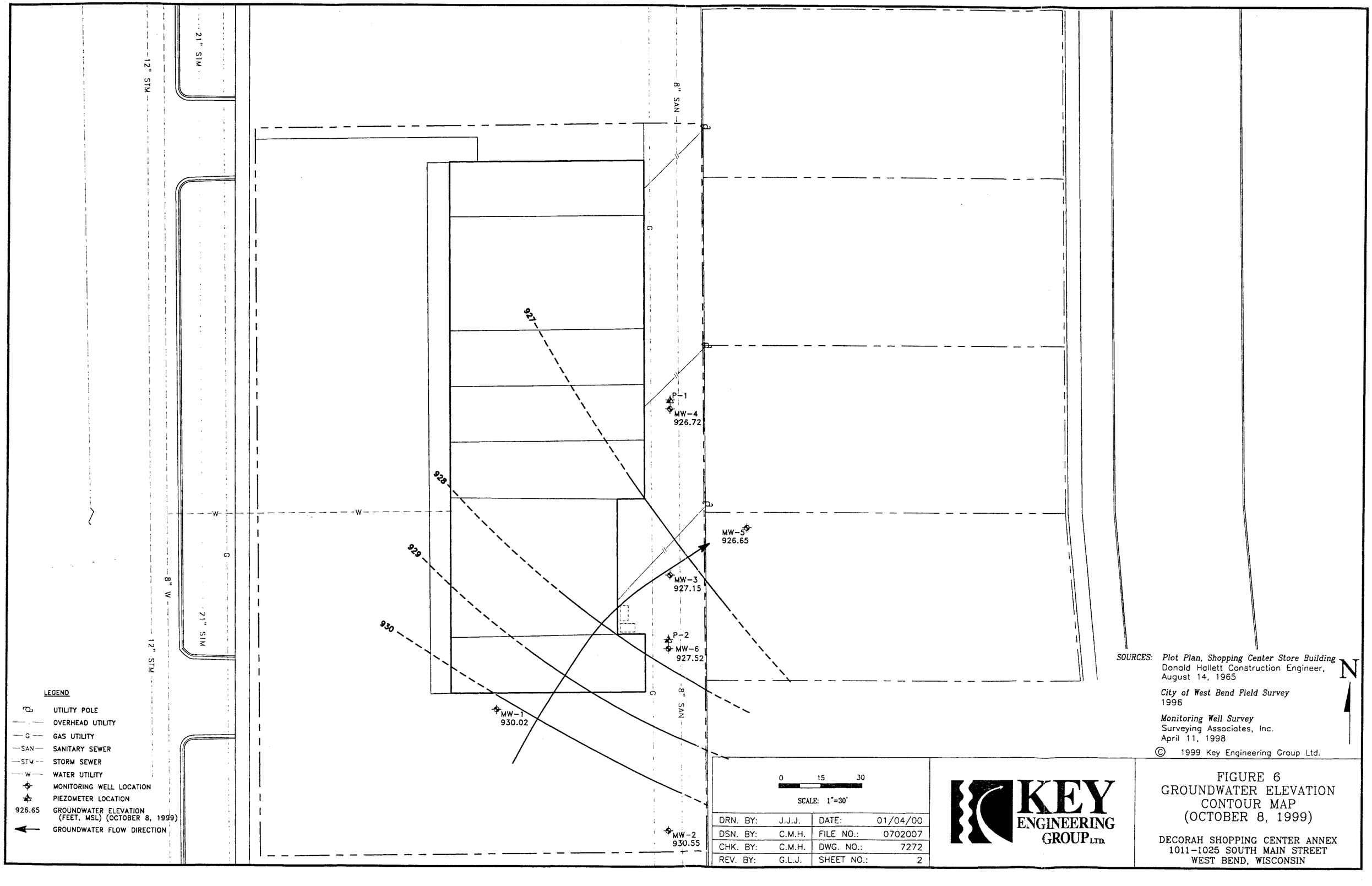
SCALE: 1"=30'

DRN. BY:	J.J.J.	DATE:	01/07/00
DSN. BY:	C.M.H.	FILE NO.:	0702007
CHK. BY:	C.M.H.	DWG. NO.:	7271
REV. BY:	G.L.J.	SHEET NO.:	2

KEY ENGINEERING GROUP LTD.

FIGURE 5
SUMMARY OF GROUNDWATER SAMPLE ANALYTICAL RESULTS

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



LEGEND

- UTILITY POLE
- OVERHEAD UTILITY
- G — GAS UTILITY
- SAN — SANITARY SEWER
- STM — STORM SEWER
- W — WATER UTILITY
- MONITORING WELL LOCATION
- PIEZOMETER LOCATION
- 926.65 GROUNDWATER ELEVATION (FEET, MSL) (OCTOBER 8, 1999)
- GROUNDWATER FLOW DIRECTION

SOURCES:
Plot Plan, Shopping Center Store Building
Donald Hallett Construction Engineer,
August 14, 1965

City of West Bend Field Survey
1996

Monitoring Well Survey
Surveying Associates, Inc.
April 11, 1998

N

0 15 30
SCALE: 1"=30'

DRN. BY:	J.J.J.	DATE:	01/04/00
DSN. BY:	C.M.H.	FILE NO.:	0702007
CHK. BY:	C.M.H.	DWG. NO.:	7272
REV. BY:	G.L.J.	SHEET NO.:	2

KEY ENGINEERING GROUP LTD.

FIGURE 6
GROUNDWATER ELEVATION CONTOUR MAP
(OCTOBER 8, 1999)

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

ATTACHMENT 1

State of Wisconsin
Department of Natural Resources

Route To:
☐ Solid Waste ☐ Haz. Waste
☐ Emergency Response ☐ Underground Tanks
☐ Wastewater ☐ Water Resources
☐ Other

SOIL BORING LOG INFORMATION
Form 4400-122 7-91

Page 1 of 1

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
Decorah Shopping Center Annex		GP-8

Boring Drilled By (Firm name and name of crew chief)	Date Drilling Started	Date Drilling Completed	Drilling Method
Key Engineering Group, Ltd.	9/3/99	9/3/99	Geoprobe

DNR Facility Well No.	WI Unique Well No.	Common Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
___ ___ ___	___ ___ ___ ___ ___ ___		Feet	Feet	1.50 Inches

Boring Location
State Plane N, E S/C/N
SW 1/4 of NW 1/4 of Section 24 T 11 N,R 19 E
Lat o ' "
Long o ' "

Local Grid Location (If applicable)
☐ N ☐ E
Feet ☐ S Feet ☐ W

County	DNR County Code	Civil Town/City/ or Village
Washington	67	West Bend

Sample Number	Sample Length (in) Recovered	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Standard Penetration	Moisture Content	Liquid Limit	Plastic Limit	P 200	Pocket Penetrometer
1	24		1	Asphalt surface Light brown, silty fine SAND, trace of gravel, moist	SM			<1						
2	24		2	Brown, silty fine SAND, moist	SM			<1 *						
			3	Dark brown, clayey fine SAND seam	SC									
				Light brown, silty fine SAND, moist	SM									
3	14		4					<1						
			5											
4	14		6					<1						
			7											
5	18		8	- Wet				<1 *						
			9											
			10	End of boring at 10 feet. * Sample submitted for laboratory analysis.										

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

Signature

Firm KEY ENGINEERING GROUP, LTD.
W66 N215 Commerce Court Cedarburg, WI 53012
Tel: (414)375-4750 Fax: (414)375-9680

This form is authorized by Chapters 144, 147 and 162, Wis. Stats. Completion of this report is mandatory. Penalties: Forfeit not less than $10 nor more than $5,000 for each violation. Fined not less than $10 or more than $100 or imprisoned not less than 30 days, or both for each violation. Each day of continued violation is a separate offense, pursuant to ss 144.99 and 162.06, Wis. Stats.

State of Wisconsin
Department of Natural Resources

Route To:
☐ Solid Waste ☐ Haz. Waste
☐ Emergency Response ☐ Underground Tanks
☐ Wastewater ☐ Water Resources
☐ Other

SOIL BORING LOG INFORMATION
Form 4400-122 7-91

Page 1 of 1

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
Decorah Shopping Center Annex		GP-9

Boring Drilled By (Firm name and name of crew chief)	Date Drilling Started	Date Drilling Completed	Drilling Method
Key Engineering Group, Ltd.	9/3/99	9/3/99	Geoprobe

DNR Facility Well No.	WI Unique Well No.	Common Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
___ ___ ___	___ ___ ___ ___ ___ ___		Feet	Feet	1.50 Inches

Boring Location
State Plane N, E S/C/N
SW 1/4 of NW 1/4 of Section 24 T 11 N,R 19 E
Lat o ' "
Long o ' "

Local Grid Location (If applicable)
☐ N ☐ E
Feet ☐ S Feet ☐ W

County	DNR County Code	Civil Town/City/ or Village
Washington	67	West Bend

Sample Number	Sample Length (in) Recovered	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Standard Penetration	Moisture Content	Liquid Limit	Plastic Limit	P 200	Pocket Penetrometer
1	24		0	Asphalt surface	SW			<1						
			1	Fine to coarse SAND and GRAVEL (base course)	SM									
			2	Light brown, silty fine SAND, some sand and gravel, moist	SM			<1						
2	24		3	Brown, silty fine to medium SAND, trace of clay, moist										
			4											
3	24		5	Light brown to gray, silty fine SAND, moist - Wet	SM			<1 *						
4	20		6	Gray, fine sandy SILT, wet	ML			<1						
			7											
			8	End of boring at 8 feet. * Sample submitted for laboratory analysis.										

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

Signature

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State of Wisconsin
Department of Natural Resources

Route To:
☐ Solid Waste ☐ Haz. Waste
☐ Emergency Response ☐ Underground Tanks
☐ Wastewater ☐ Water Resources
☐ Other

SOIL BORING LOG INFORMATION
Form 4400-122 7-91

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
Decorah Shopping Center Annex		GP-10

Boring Drilled By (Firm name and name of crew chief)	Date Drilling Started	Date Drilling Completed	Drilling Method
Key Engineering Group, Ltd.	9/3/99	9/3/99	Geoprobe

DNR Facility Well No.	WI Unique Well No.	Common Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
— — —	— — — — — — — —		Feet	Feet	1.50 Inches

Boring Location
State Plane N, E S/C/N
SW 1/4 of NW 1/4 of Section 24 T 11 N,R 19 E
Lat ° ' "
Long ° ' "

Local Grid Location (If applicable)
Feet ☐ N ☐ S Feet ☐ E ☐ W

County	DNR County Code	Civil Town/City/ or Village
Washington	67	West Bend

Sample Number	Sample Length (in) Recovered	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Standard Penetration	Moisture Content	Liquid Limit	Plastic Limit	P 200	Pocket Penetrometer
1	18		0–1	Asphalt surface Light brown, fine to coarse SAND and GRAVEL (base course)	SW SM			<1						
2	24		1–3	Light brown, silty fine to coarse SAND, trace of gravel, moist Light brown, silty fine SAND, moist	SM			<1 *						
			3–4	Dark brown, clayey fine SAND, moist	SC									
3	24		4–6	Light brown, fine SAND, moist	SP			<1						
4	24		6–8					<1						
5	24		8–9					<1 *						
			9–10	Gray, fine sandy SILT, wet	ML									
				End of boring at 10 feet. * Sample submitted for laboratory analysis.										

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

Signature

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W66 N215 Commerce Court Cedarburg, WI 53012
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State of Wisconsin
Department of Natural Resources

Route To:
☐ Solid Waste ☐ Haz. Waste
☐ Emergency Response ☐ Underground Tanks
☐ Wastewater ☐ Water Resources
☐ Other

SOIL BORING LOG INFORMATION
Form 4400-122 7-91

Page 1 of 1

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
Decorah Shopping Center Annex		GP-11

Boring Drilled By (Firm name and name of crew chief)	Date Drilling Started	Date Drilling Completed	Drilling Method
Key Engineering Group, Ltd.	9/3/99	9/3/99	Geoprobe

DNR Facility Well No.	WI Unique Well No.	Common Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
— — —	— — — — — — — —		Feet	Feet	1.50 Inches

Boring Location
State Plane N, E S/C/N
SW 1/4 of NW 1/4 of Section 24 T 11 N,R 19 E
Lat ° ' "
Long ° ' "

Local Grid Location (If applicable)
Feet ☐ N ☐ S Feet ☐ E ☐ W

County	DNR County Code	Civil Town/City/ or Village
Washington	67	West Bend

Sample Number	Sample Length (in) Recovered	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Standard Penetration	Moisture Content	Liquid Limit	Plastic Limit	P 200	Pocket Penetrometer
				Concrete Surface										
			1	No Recovery										
			2											
1	6		3	Light brown, fine SAND, moist, possible fill	SP			<1						
			4											
2	14		5					<1 *						
			6											
				Light brown, silty fine SAND, moist	SM									
3	20		7					<1						
			8											
			9											
				End of boring at 9 feet. * Sample submitted for laboratory analysis.										

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

Signature

Firm KEY ENGINEERING GROUP, LTD.
W66 N215 Commerce Court Cedarburg, WI 53012
Tel: (414)375-4750 Fax: (414)375-9680

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State of Wisconsin
Department of Natural Resources

Route To:
☐ Solid Waste ☐ Haz. Waste
☐ Emergency Response ☐ Underground Tanks
☐ Wastewater ☐ Water Resources
☐ Other

SOIL BORING LOG INFORMATION
Form 4400-122 7-91

Page 1 of 1

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
Decorah Shopping Center Annex		GP-12

Boring Drilled By (Firm name and name of crew chief)	Date Drilling Started	Date Drilling Completed	Drilling Method
Key Engineering Group, Ltd.	9/3/99	9/3/99	Geoprobe

DNR Facility Well No.	WI Unique Well No.	Common Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
— — —	— — — — — —		Feet	Feet	1.50 Inches

Boring Location
State Plane N, E S/C/N
SW 1/4 of NW 1/4 of Section 24 T 11 N,R 19 E
Lat ° ' "
Long ° ' "

Local Grid Location (If applicable)
Feet ☐ N ☐ S Feet ☐ E ☐ W

County	DNR County Code	Civil Town/City/ or Village
Washington	67	West Bend

Sample Number	Sample Length (in) Recovered	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Standard Penetration	Moisture Content	Liquid Limit	Plastic Limit	P 200	Pocket Penetrometer
				Concrete Surface										
1	12		1	Light brown, fine to medium SAND, moist, possible fill	SP			<1						
2	20		3					<1						
3	18		5					<1						
4	24		7	Light brown, clayey fine SAND, moist	SC			<1 *						
			9	End of boring at 9 feet. * Sample submitted for laboratory analysis.										

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

Signature

Firm KEY ENGINEERING GROUP, LTD.
W66 N215 Commerce Court Cedarburg, WI 53012
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State of Wisconsin
Department of Natural Resources

Route To:
☐ Solid Waste ☐ Haz. Waste
☐ Emergency Response ☐ Underground Tanks
☐ Wastewater ☐ Water Resources
☐ Other

SOIL BORING LOG INFORMATION
Form 4400-122 7-91

Page 1 of 1

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
Decorah Shopping Center Annex		GP-13

Boring Drilled By (Firm name and name of crew chief)	Date Drilling Started	Date Drilling Completed	Drilling Method
Key Engineering Group, Ltd.	9/3/99	9/3/99	Geoprobe

DNR Facility Well No.	WI Unique Well No.	Common Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
___ ___ ___	___ ___ ___ ___ ___ ___		Feet	Feet	1.50 Inches

Boring Location
State Plane N, E S/C/N
SW 1/4 of NW 1/4 of Section 24 T 11 N,R 19 E
Lat o ' "
Long o ' "

Local Grid Location (If applicable)
Feet ☐ N ☐ S Feet ☐ E ☐ W

County	DNR County Code	Civil Town/City/ or Village
Washington	67	West Bend

Sample Number	Sample Length (in) Recovered	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Standard Penetration	Moisture Content	Liquid Limit	Plastic Limit	P 200	Pocket Penetrometer
				Concrete Surface										
1	18		1	Light brown, fine to medium SAND, possible fill	SP			<1						
2	16		3					<1						
3	16		5	Light brown, silty fine SAND, moist	SM			<1						
4	16		7					<1 *						
			9	End of boring at 9 feet * Sample submitted for laboratory analysis.										

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

Signature

Firm KEY ENGINEERING GROUP, LTD.
W66 N215 Commerce Court Cedarburg, WI 53012
Tel: (414)375-4750 Fax: (414)375-9680

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State of Wisconsin
Department of Natural Resources

WELL/DRILLHOLE/BOREHOLE ABANDONMENT
Form 3300-5W 11-89

All abandonment work shall be performed in accordance with the provisions of Chapters NR 111, NR 112 or 141, Wis. Admin. Code, whichever is applicable. Also, see instructions on back.

(1) GENERAL INFORMATION

Well/Drillhole/Borehole Location

County: Washington

SW 1/4 of NW 1/4 of Sec. 24 ; T. 11 N; R. 19 ☒ E ☐ W

(If Applicable) Gov't Lot ____ Grid Number ____

Grid Location ____ ft. ☐ N. ☐ S., ____ ft. ☐ E. ☐ W.

Civil Town Name: West Bend

Street Address of Well: 1011-1025 South Main Street

City, Village: West Bend

(2) FACILITY NAME Decorah Shopping Center Annex

Original Well Owner (If Known): Continental Properties Co.,Inc

Present Well Owner: Continental Properties Co.,Inc

Street or Route: W133 N8569 Executive Parkway

City, State, Zip Code: Menomonee Falls, WI

Facility Well No. and/or Name (If Applicable): GP-8

WI Unique Well No.:

Reason For Abandonment: Investigative Boring

Date of Abandonment: 09/03/99

WELL/DRILLHOLE/BOREHOLE INFORMATION

(3) Original Well/Drillhole/Borehole Construction Completed On (Date) 09/03/99

☐ Monitoring Well
☐ Water Well
☐ Drillhole
☒ Borehole

Construction Report Available? ☒ Yes ☐ No

Construction Type:
☐ Drilled ☐ Driven (Sandpoint) ☐ Dug
☒ Other (Specify) Soil Probe

Formation Type:
☒ Unconsolidated Formation ☐ Bedrock

Total Well Depth (ft) 10.00 Casing Diameter (ins.) ____
(From groundsurface)

Casing Depth (Ft.) ____

Was Well Annular Space Grouted? ☐ Yes ☐ No ☐ Unknown
If Yes, To What Depth? ____ Feet

(4) Depth to Water (Feet) ____

Pump & Piping Removed?	☐ Yes	☐ No	☒ Not Applicable
Liner(s) Removed?	☐ Yes	☐ No	☒ Not Applicable
Screen Removed?	☐ Yes	☐ No	☒ Not Applicable
Casing Left in Place?	☐ Yes	☐ No	

If No, Explain ____

Was Casing Cut Off Below Surface?	☐ Yes	☐ No
Did Sealing Material Rise to Surface?	☒ Yes	☐ No
Did Material Settle After 24 Hours?	☐ Yes	☒ No
If Yes, Was Hole Retopped?	☐ Yes	☐ No

(5) Required Method of Placing Sealing Material
☐ Conductor Pipe - Gravity ☐ Conductor Pipe - Pumped
☐ Dump Bailer ☒ Other (Explain) Gravity

(6) Sealing Materials
☐ Neat Cement Grout
☐ Sand-Cement (Concrete) Grout
☐ Concrete
☐ Clay-Sand Slurry
☐ Bentonite-Sand Slurry
☐ Chipped Bentonite

For monitoring wells and monitoring well boreholes only
☐ Bentonite Pellets
☒ Granular Bentonite
☐ Bentonite-Cement Grout

(7)

Sealing Material Used	From (Ft.)	To (Ft.)	No. Yards, Sacks Sealant or Volume	Mix Ratio or Mud Weight
Cold Patch	Surface	0.30		
Bentonite	0.30	10.00	5-10 lbs	

(8) Comments ____

(9) Name of Person or Firm Doing Sealing Work: KEY ENGINEERING GROUP, LTD.

Signature of Person Doing Work: [signature] Date Signed: 9/8/99

Street or Route: W66 N215 Commerce Court Telephone Number: (414) 375-4750

City, State, Zip Code: Cedarburg, Wisconsin 53012

(10) FOR DNR OR COUNTY USE ONLY

Date Received/Inspected ____ District/County ____

Reviewer/Inspector ____

Follow-up Necessary ____

DNR/COUNTY

State of Wisconsin
Department of Natural Resources

WELL/DRILLHOLE/BOREHOLE ABANDONMENT
Form 3300-5W 11-89

All abandonment work shall be performed in accordance with the provisions of Chapters NR 111, NR 112 or 141, Wis. Admin. Code, whichever is applicable. Also, see instructions on back.

(1) GENERAL INFORMATION

Well/Drillhole/Borehole Location

County: Washington

SW 1/4 of NW 1/4 of Sec. 24 ; T. 11 N; R. 19 ☒ E ☐ W

(If Applicable)

_____ Gov't Lot _____ Grid Number

Grid Location

_____ ft. ☐ N. ☐ S., _____ ft. ☐ E. ☐ W.

Civil Town Name: West Bend

Street Address of Well: 1011-1025 South Main Street

City, Village: West Bend

(2) FACILITY NAME Decorah Shopping Center Annex

Original Well Owner (If Known): Continental Properties Co.,Inc

Present Well Owner: Continental Properties Co.,Inc

Street or Route: W133 N8569 Executive Parkway

City, State, Zip Code: Menomonee Falls, WI

Facility Well No. and/or Name (If Applicable): GP-9

WI Unique Well No.:

Reason For Abandonment: Investigative Boring

Date of Abandonment: 09/03/99

WELL/DRILLHOLE/BOREHOLE INFORMATION

(3) Original Well/Drillhole/Borehole Construction Completed On (Date) 09/03/99

☐ Monitoring Well
☐ Water Well
☐ Drillhole
☒ Borehole

Construction Report Available? ☒ Yes ☐ No

Construction Type:
☐ Drilled ☐ Driven (Sandpoint) ☐ Dug
☒ Other (Specify) Soil Probe

Formation Type:
☒ Unconsolidated Formation ☐ Bedrock

Total Well Depth (ft) 8.00 Casing Diameter (ins.) _____
(From groundsurface)

Casing Depth (Ft.) _____

Was Well Annular Space Grouted? ☐ Yes ☐ No ☐ Unknown
If Yes, To What Depth? _____ Feet

(4) Depth to Water (Feet) _____

Pump & Piping Removed?	☐ Yes	☐ No	☒ Not Applicable
Liner(s) Removed?	☐ Yes	☐ No	☒ Not Applicable
Screen Removed?	☐ Yes	☐ No	☒ Not Applicable
Casing Left in Place?	☐ Yes	☐ No	

If No, Explain _____

Was Casing Cut Off Below Surface?	☐ Yes	☐ No
Did Sealing Material Rise to Surface?	☒ Yes	☐ No
Did Material Settle After 24 Hours?	☐ Yes	☒ No
If Yes, Was Hole Retopped?	☐ Yes	☐ No

(5) Required Method of Placing Sealing Material
☐ Conductor Pipe - Gravity ☐ Conductor Pipe - Pumped
☐ Dump Bailer ☒ Other (Explain) Gravity

(6) Sealing Materials
☐ Neat Cement Grout
☐ Sand-Cement (Concrete) Grout
☐ Concrete
☐ Clay-Sand Slurry
☐ Bentonite-Sand Slurry
☐ Chipped Bentonite

For monitoring wells and monitoring well boreholes only
☐ Bentonite Pellets
☒ Granular Bentonite
☐ Bentonite-Cement Grout

(7)

Sealing Material Used	From (Ft.)	To (Ft.)	No. Yards, Sacks Sealant or Volume	Mix Ratio or Mud Weight
Cold Patch	Surface	0.30		
Bentonite	0.30	8.00	5-10 lbs	

(8) Comments _____

(9) Name of Person or Firm Doing Sealing Work
KEY ENGINEERING GROUP, LTD.

Signature of Person Doing Work: [signature] Date Signed: 9/8/99

Street or Route: W66 N215 Commerce Court Telephone Number: (414) 375-4750

City, State, Zip Code: Cedarburg, Wisconsin 53012

(10) FOR DNR OR COUNTY USE ONLY

Date Received/Inspected | District/County

Reviewer/Inspector

Follow up Necessary

DNR/COUNTY

State of Wisconsin
Department of Natural Resources

WELL/DRILLHOLE/BOREHOLE ABANDONMENT
Form 3300-5W 11-89

All abandonment work shall be performed in accordance with the provisions of Chapters NR 111, NR 112 or 141, Wis. Admin. Code, whichever is applicable. Also, see instructions on back.

(1) GENERAL INFORMATION

Well/Drillhole/Borehole Location

County: Washington

SW 1/4 of NW 1/4 of Sec. 24 ; T. 11 N; R. 19 ☒ E ☐ W

(If Applicable)

_____ Gov't Lot _____ Grid Number

Grid Location

_____ ft. ☐ N. ☐ S., _____ ft. ☐ E. ☐ W.

Civil Town Name: West Bend

Street Address of Well: 1011-1025 South Main Street

City, Village: West Bend

(2) FACILITY NAME Decorah Shopping Center Annex

Original Well Owner (If Known): Continental Properties Co.,Inc

Present Well Owner: Continental Properties Co.,Inc

Street or Route: W133 N8569 Executive Parkway

City, State, Zip Code: Menomonee Falls, WI

Facility Well No. and/or Name (If Applicable): GP-10

WI Unique Well No.:

Reason For Abandonment: Investigative Boring

Date of Abandonment: 09/03/99

WELL/DRILLHOLE/BOREHOLE INFORMATION

(3) Original Well/Drillhole/Borehole Construction Completed On (Date) 09/03/99

☐ Monitoring Well
☐ Water Well
☐ Drillhole
☒ Borehole

Construction Report Available? ☒ Yes ☐ No

Construction Type:
☐ Drilled ☐ Driven (Sandpoint) ☐ Dug
☒ Other (Specify) Soil Probe

Formation Type:
☒ Unconsolidated Formation ☐ Bedrock

Total Well Depth (ft) 10.00 Casing Diameter (ins.) _____
(From groundsurface)

Casing Depth (Ft.) _____

Was Well Annular Space Grouted? ☐ Yes ☐ No ☐ Unknown
If Yes, To What Depth? _____ Feet

(4) Depth to Water (Feet) _____

Pump & Piping Removed?	☐ Yes	☐ No	☒ Not Applicable
Liner(s) Removed?	☐ Yes	☐ No	☒ Not Applicable
Screen Removed?	☐ Yes	☐ No	☒ Not Applicable
Casing Left in Place?	☐ Yes	☐ No	

If No, Explain _____

Was Casing Cut Off Below Surface?	☐ Yes	☐ No
Did Sealing Material Rise to Surface?	☒ Yes	☐ No
Did Material Settle After 24 Hours?	☐ Yes	☒ No
If Yes, Was Hole Retopped?	☐ Yes	☐ No

(5) Required Method of Placing Sealing Material
☐ Conductor Pipe - Gravity ☐ Conductor Pipe - Pumped
☐ Dump Bailer ☒ Other (Explain) Gravity

(6) Sealing Materials
☐ Neat Cement Grout
☐ Sand-Cement (Concrete) Grout
☐ Concrete
☐ Clay-Sand Slurry
☐ Bentonite-Sand Slurry
☐ Chipped Bentonite

For monitoring wells and monitoring well boreholes only
☐ Bentonite Pellets
☒ Granular Bentonite
☐ Bentonite-Cement Grout

(7)

Sealing Material Used	From (Ft.)	To (Ft.)	No. Yards, Sacks Sealant or Volume	Mix Ratio or Mud Weight
Cold Patch	Surface	0.30		
Bentonite	0.30	10.00	5-10 lbs	

(8) Comments _____

(9) Name of Person or Firm Doing Sealing Work
KEY ENGINEERING GROUP, LTD.

Signature of Person Doing Work: [signature]
Date Signed: 9/8/99

Street or Route: W66 N215 Commerce Court
Telephone Number: (414) 375-4750

City, State, Zip Code: Cedarburg, Wisconsin 53012

(10) FOR DNR OR COUNTY USE ONLY

Date Received/Inspected
District/County
Reviewer/Inspector
Follow-up Necessary

DNR/COUNTY

State of Wisconsin
Department of Natural Resources

WELL/DRILLHOLE/BOREHOLE ABANDONMENT
Form 3300-5W 11-89

All abandonment work shall be performed in accordance with the provisions of Chapters NR 111, NR 112 or 141, Wis. Admin. Code, whichever is applicable. Also, see instructions on back.

(1) GENERAL INFORMATION

Well/Drillhole/Borehole Location

County: Washington

SW 1/4 of NW 1/4 of Sec. 24 ; T. 11 N; R. 19 ☒ E ☐ W

(If Applicable) _____ Gov't Lot _____ Grid Number

Grid Location _____ ft. ☐ N. ☐ S., _____ ft. ☐ E. ☐ W.

Civil Town Name: West Bend

Street Address of Well: 1011-1025 South Main Street

City, Village: West Bend

(2) FACILITY NAME Decorah Shopping Center Annex

Original Well Owner (If Known): Continental Properties Co.,Inc

Present Well Owner: Continental Properties Co.,Inc

Street or Route: W133 N8569 Executive Parkway

City, State, Zip Code: Menomonee Falls, WI

Facility Well No. and/or Name (If Applicable): GP-11

WI Unique Well No.:

Reason For Abandonment: Investigative Boring

Date of Abandonment: 09/03/99

WELL/DRILLHOLE/BOREHOLE INFORMATION

(3) Original Well/Drillhole/Borehole Construction Completed On (Date) 09/03/99

☐ Monitoring Well
☐ Water Well
☐ Drillhole
☒ Borehole

Construction Report Available? ☒ Yes ☐ No

Construction Type:
☐ Drilled ☐ Driven (Sandpoint) ☐ Dug
☒ Other (Specify) Soil Probe

Formation Type:
☒ Unconsolidated Formation ☐ Bedrock

Total Well Depth (ft) 9.00 Casing Diameter (ins.) _____ (From groundsurface)

Casing Depth (Ft.) _____

Was Well Annular Space Grouted? ☐ Yes ☐ No ☐ Unknown
If Yes, To What Depth? _____ Feet

(4) Depth to Water (Feet) _____

Pump & Piping Removed?	☐ Yes	☐ No	☒ Not Applicable
Liner(s) Removed?	☐ Yes	☐ No	☒ Not Applicable
Screen Removed?	☐ Yes	☐ No	☒ Not Applicable
Casing Left in Place?	☐ Yes	☐ No	

If No, Explain _____

Was Casing Cut Off Below Surface?	☐ Yes	☐ No
Did Sealing Material Rise to Surface?	☒ Yes	☐ No
Did Material Settle After 24 Hours?	☐ Yes	☒ No
If Yes, Was Hole Retopped?	☐ Yes	☐ No

(5) Required Method of Placing Sealing Material
☐ Conductor Pipe - Gravity ☐ Conductor Pipe - Pumped
☐ Dump Bailer ☒ Other (Explain) Gravity

(6) Sealing Materials
☐ Neat Cement Grout
☐ Sand-Cement (Concrete) Grout
☐ Concrete
☐ Clay-Sand Slurry
☐ Bentonite-Sand Slurry
☐ Chipped Bentonite

For monitoring wells and monitoring well boreholes only
☐ Bentonite Pellets
☒ Granular Bentonite
☐ Bentonite-Cement Grout

(7) Sealing Material Used	From (Ft.)	To (Ft.)	No. Yards, Sacks Sealant or Volume	Mix Ratio or Mud Weight
Concrete	Surface	0.30		
Bentonite	0.30	9.00	5-10 lbs	

(8) Comments _____

(9) Name of Person or Firm Doing Sealing Work
KEY ENGINEERING GROUP, LTD.

Signature of Person Doing Work | Date Signed 9/8/99

Street or Route: W66 N215 Commerce Court | Telephone Number: (414) 375-4750

City, State, Zip Code: Cedarburg, Wisconsin 53012

(10) FOR DNR OR COUNTY USE ONLY

Date Received/Inspected | District/County

Reviewer/Inspector

Follow-up Necessary

DNR/COUNTY

State of Wisconsin
Department of Natural Resources

WELL/DRILLHOLE/BOREHOLE ABANDONMENT
Form 3300-5W 11-89

All abandonment work shall be performed in accordance with the provisions of Chapters NR 111, NR 112 or 141, Wis. Admin. Code, whichever is applicable. Also, see instructions on back.

(1) GENERAL INFORMATION

Well/Drillhole/Borehole Location

County: Washington

SW 1/4 of NW 1/4 of Sec. 24 ; T. 11 N; R. 19 ☒ E ☐ W

(If Applicable) Gov't Lot ____ Grid Number ____

Grid Location ____ ft. ☐ N. ☐ S., ____ ft. ☐ E. ☐ W.

Civil Town Name: West Bend

Street Address of Well: 1011-1025 South Main Street

City, Village: West Bend

(2) FACILITY NAME Decorah Shopping Center Annex

Original Well Owner (If Known): Continental Properties Co.,Inc

Present Well Owner: Continental Properties Co.,Inc

Street or Route: W133 N8569 Executive Parkway

City, State, Zip Code: Menomonee Falls, WI

Facility Well No. and/or Name (If Applicable): GP-12

WI Unique Well No.:

Reason For Abandonment: Investigative Boring

Date of Abandonment: 09/03/99

WELL/DRILLHOLE/BOREHOLE INFORMATION

(3) Original Well/Drillhole/Borehole Construction Completed On (Date) 09/03/99

☐ Monitoring Well
☐ Water Well
☐ Drillhole
☒ Borehole

Construction Report Available? ☒ Yes ☐ No

Construction Type:
☐ Drilled ☐ Driven (Sandpoint) ☐ Dug
☒ Other (Specify) Soil Probe

Formation Type:
☒ Unconsolidated Formation ☐ Bedrock

Total Well Depth (ft) 9.00 (From groundsurface) Casing Diameter (ins.) ____

Casing Depth (Ft.) ____

Was Well Annular Space Grouted? ☐ Yes ☐ No ☐ Unknown
If Yes, To What Depth? ____ Feet

(4) Depth to Water (Feet) ____

Pump & Piping Removed?	☐ Yes	☐ No	☒ Not Applicable
Liner(s) Removed?	☐ Yes	☐ No	☒ Not Applicable
Screen Removed?	☐ Yes	☐ No	☒ Not Applicable
Casing Left in Place?	☐ Yes	☐ No	

If No, Explain ____

Was Casing Cut Off Below Surface?	☐ Yes	☐ No
Did Sealing Material Rise to Surface?	☒ Yes	☐ No
Did Material Settle After 24 Hours?	☐ Yes	☒ No
If Yes, Was Hole Retopped?	☐ Yes	☐ No

(5) Required Method of Placing Sealing Material
☐ Conductor Pipe - Gravity ☐ Conductor Pipe - Pumped
☐ Dump Bailer ☒ Other (Explain) Gravity

(6) Sealing Materials
☐ Neat Cement Grout
☐ Sand-Cement (Concrete) Grout
☐ Concrete
☐ Clay-Sand Slurry
☐ Bentonite-Sand Slurry
☐ Chipped Bentonite

For monitoring wells and monitoring well boreholes only
☐ Bentonite Pellets
☒ Granular Bentonite
☐ Bentonite-Cement Grout

(7) Sealing Material Used	From (Ft.)	To (Ft.)	No. Yards, Sacks Sealant or Volume	Mix Ratio or Mud Weight
Concrete	Surface	0.30		
Bentonite	0.30	9.00	5-10 lbs	

(8) Comments ____

(9) Name of Person or Firm Doing Sealing Work: KEY ENGINEERING GROUP, LTD.

Signature of Person Doing Work: [signature]

Date Signed: 9/8/99

Street or Route: W66 N215 Commerce Court

Telephone Number: (414) 375-4750

City, State, Zip Code: Cedarburg, Wisconsin 53012

(10) FOR DNR OR COUNTY USE ONLY

Date Received/Inspected

District/County

Reviewer/Inspector

Follow-up Necessary

DNR/COUNTY

State of Wisconsin
Department of Natural Resources

WELL/DRILLHOLE/BOREHOLE ABANDONMENT
Form 3300-5W 11-89

All abandonment work shall be performed in accordance with the provisions of Chapters NR 111, NR 112 or 141, Wis. Admin. Code, whichever is applicable. Also, see instructions on back.

(1) GENERAL INFORMATION

Well/Drillhole/Borehole Location
County: Washington

SW 1/4 of NW 1/4 of Sec. 24 ; T. 11 N; R. 19 ☒ E ☐ W

(If Applicable)
_____ Gov't Lot _____ Grid Number

Grid Location
_____ ft. ☐ N. ☐ S., _____ ft. ☐ E. ☐ W.

Civil Town Name: West Bend

Street Address of Well: 1011-1025 South Main Street

City, Village: West Bend

(2) FACILITY NAME Decorah Shopping Center Annex

Original Well Owner (If Known): Continental Properties Co.,Inc

Present Well Owner: Continental Properties Co.,Inc

Street or Route: W133 N8569 Executive Parkway

City, State, Zip Code: Menomonee Falls, WI

Facility Well No. and/or Name (If Applicable): GP-13

WI Unique Well No.:

Reason For Abandonment: Investigative Boring

Date of Abandonment: 09/03/99

WELL/DRILLHOLE/BOREHOLE INFORMATION

(3) Original Well/Drillhole/Borehole Construction Completed On (Date) 09/03/99

☐ Monitoring Well
☐ Water Well
☐ Drillhole
☒ Borehole

Construction Report Available? ☒ Yes ☐ No

Construction Type:
☐ Drilled ☐ Driven (Sandpoint) ☐ Dug
☒ Other (Specify) Soil Probe

Formation Type:
☒ Unconsolidated Formation ☐ Bedrock

Total Well Depth (ft) 9.00 Casing Diameter (ins.) _____
(From groundsurface)

Casing Depth (Ft.) _____

Was Well Annular Space Grouted? ☐ Yes ☐ No ☐ Unknown
If Yes, To What Depth? _____ Feet

(4) Depth to Water (Feet) _____

Pump & Piping Removed?	☐ Yes	☐ No	☒ Not Applicable
Liner(s) Removed?	☐ Yes	☐ No	☒ Not Applicable
Screen Removed?	☐ Yes	☐ No	☒ Not Applicable
Casing Left in Place?	☐ Yes	☐ No	

If No, Explain _____

Was Casing Cut Off Below Surface?	☐ Yes	☐ No
Did Sealing Material Rise to Surface?	☒ Yes	☐ No
Did Material Settle After 24 Hours?	☐ Yes	☒ No
If Yes, Was Hole Retopped?	☐ Yes	☐ No

(5) Required Method of Placing Sealing Material
☐ Conductor Pipe - Gravity ☐ Conductor Pipe - Pumped
☐ Dump Bailer ☒ Other (Explain) Gravity

(6) Sealing Materials
☐ Neat Cement Grout
☐ Sand-Cement (Concrete) Grout
☐ Concrete
☐ Clay-Sand Slurry
☐ Bentonite-Sand Slurry
☐ Chipped Bentonite

For monitoring wells and monitoring well boreholes only
☐ Bentonite Pellets
☒ Granular Bentonite
☐ Bentonite-Cement Grout

(7) Sealing Material Used	From (Ft.)	To (Ft.)	No. Yards, Sacks Sealant or Volume	Mix Ratio or Mud Weight
Concrete	Surface	0.30		
Bentonite	0.30	9.00	5-10 lbs	

(8) Comments _____

(9) Name of Person or Firm Doing Sealing Work
KEY ENGINEERING GROUP, LTD.

Signature of Person Doing Work: [signature]
Date Signed: 9/8/99

Street or Route: W66 N215 Commerce Court
Telephone Number: (414) 375-4750

City, State, Zip Code: Cedarburg, Wisconsin 53012

(10) FOR DNR OR COUNTY USE ONLY

Date Received/Inspected
District/County
Reviewer/Inspector
Follow-up Necessary

DNR/COUNTY

ATTACHMENT 2

State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION

Form 4400-122 Rev. 7-98

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

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
Decorah Annex	-	B-8

Boring Drilled By: Name of crew chief (first, last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
Bubba Briohn Environmental Contractors, Inc.	10/6/1999	10/6/1999	hollow stem auger

WI Unique Well No.	DNR Well ID No.	Common Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
		MW-6	Feet MSL	Feet MSL	8.3 inches

Local Grid Origin ☐ (estimated: ☐) or Boring Location ☒
State Plane N, E S/C/N
SW 1/4 of NW 1/4 of Section 24, T 11 N, R 19 E
Lat ° ' "
Long ° ' "
Local Grid Location ☐ N ☐ E Feet ☐ S Feet ☐ W

Facility ID	County	County Code	Civil Town/City/ or Village
	Washington	67	West Bend

Sample Number and Type	Sample 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: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
			1	Blind drill to 15 feet. Refer to GP-4 log										
			2											
			3											
			4											
			5											
			6											
			7											
			8											
			9											
			10											
			11											
			12											
			13											
			14											
			15	End of boring at 15 feet.										

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

Signature Christopher K

Firm KEY ENGINEERING GROUP, LTD
W66 N215 COMMERCE CT CEDARBURG WI 53012
Tel: (262) 375-4750
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 be used for any other purpose. NOTE: See instructions for more information, including where the completed form should be sent.

State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION

Form 4400-122 Rev. 7-98

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

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
Decorah Annex	-	B-9

Boring Drilled By: Name of crew chief (first, last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
Bubba Briohn Environmental Contractors, Inc.	10/6/1999	10/6/1999	hollow stem auger

WI Unique Well No.	DNR Well ID No.	Common Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
-		P-2	Feet MSL	Feet MSL	8.3 inches

Local Grid Origin ☐ (estimated: ☐) or Boring Location ☒
State Plane N, E S/C/N
SW 1/4 of NW 1/4 of Section 24, T 11 N, R 19 E
Lat ° ' "
Long ° ' "
Local Grid Location ☐ N ☐ E Feet ☐ S Feet ☐ W

Facility ID	County	County Code	Civil Town/City/ or Village
	Washington	67	West Bend

Sample Number and Type	Sample 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: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
			1	Blind drill to 11 feet. Refer to GP-4 log.										
			2											
			3											
			4											
			5											
			6											
			7											
			8											
			9											
			10											
1 SS	18 16	7 9 7	11 12	Light brown, medium dense, SAND, poorly graded, wet	SP ML				16					

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

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

State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION SUPPLEMENT
Form 4400-122A

Boring Number B-9 Use only as an attachment to Form 4400-122.

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: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
AUGER	12		13	Light brown, sandy SILT, wet	ML									
2 SS	18 16	9 7 5	14	Gray, stiff, sandy SILT, wet	ML				12					
AUGER	12		15											
3 SS	18 18	6 9 10	16	Gray, very stiff, sandy SILT, wet	ML				19					
AUGER	12		17											
4 SS	18 18	5 6 7	18 19	Gray, stiff,sandy SILT, wet	ML				13					
AUGER	12		20											
5 SS	18 18	3 3 4	21 22	Gray, medium stiff, silty CLAY, wet	CL				7					
AUGER	12		23											
6 SS	18 18	5 5 5	24	Gray, stiff silty CLAY, with a trace of sand, wet	CL				10					
AUGER	12		25											
7 SS	18 18	2 3 4	26 27	- medium stiff					7					
				End of boring at 27.5 feet.										

State of Wisconsin
Department of Natural Resources

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

MONITORING WELL CONSTRUCTION

Form 4400-113A Rev. 7-98

Facility/Project Name: Decorah Annex	Local Grid Location of Well: ____ ft. ☐ N. ☐ S. ____ ft. ☐ E. ☐ W.	Well Name: MW-6
Facility License, Permit or Monitoring No.: -	Local Grid Origin ☐ (estimated: ☐) or Well Location ☒ Lat. ° ' " Long. ° ' " or	Wis. Unique Well No. / DNR Well Number
Facility ID	St. Plane ____ ft. N, ____ ft. E. S/C/N	Date Well Installed: 10/06/1999
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 ☒ E ☐ W	Well Installed By: (Person's Name and Firm): Kris King; Key Engineering Group, Ltd.
Distance from Waste/Source ft. / Enf. Stds. Apply ☐	Location of Well Relative to Waste/Source: u ☐ Upgradient s ☐ Sidegradient d ☐ Downgradient n ☐ Not Known	Gov. Lot Number

A. Protective pipe, top elevation ____ ft. MSL

B. Well casing, top elevation ____ ft. MSL

C. Land surface elevation ____ ft. MSL

D. Surface seal, bottom ____ ft. MSL or ____ ft.

12. USCS classification of soil near screen:
GP ☐ GM ☐ GC ☐ GW ☐ SW ☐ SP ☐
SM ☐ SC ☐ ML ☒ MH ☐ CL ☐ CH ☐
Bedrock ☐

13. Sieve analysis attached? ☐ Yes ☒ No

14. Drilling method used: Rotary ☐ 5 0; Hollow Stem Auger ☒ 4 1; ____ Other ☐

15. Drilling fluid used: Water ☐ 0 2 Air ☐ 0 1 Drilling Mud ☐ 0 3 None ☒ 9 9

16. Drilling additives used? ☐ Yes ☒ No

Describe ____

17. Source of water (attach analysis, if required):
NA

E. Bentonite seal, top ____ ft. MSL or 1.0 ft.

F. Fine sand, top ____ ft. MSL or 2.5 ft.

G. Filter pack, top ____ ft. MSL or 3.5 ft.

H. Screen joint, top ____ ft. MSL or 4.5 ft.

I. Well bottom ____ ft. MSL or 14.5 ft.

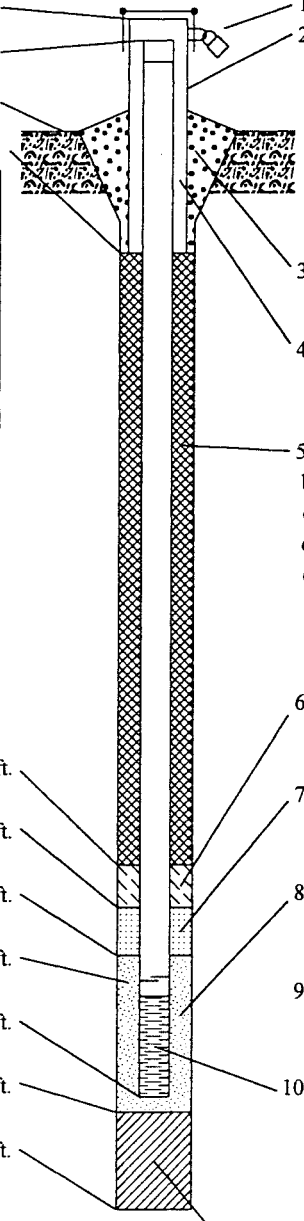
J. Filter pack, bottom ____ ft. MSL or 15.0 ft.

K. Borehole, bottom ____ ft. MSL or 15.0 ft.

L. Borehole, diameter 8.3 in.

M. O.D. well casing 2.38 in.

N. I.D. well casing 2.00 in.



1. Cap and lock? ☒ Yes ☐ No

2. Protective cover pipe:
a. Inside diameter: 10.0 in.
b. Length: 1.0 ft.
c. Material: Steel ☒ 0 4; ____ Other ☐
d. Additional protection? ☐ Yes ☒ No
If yes, describe: ____

3. Surface seal: Bentonite ☐ 3 0; Concrete ☒ 0 1; ____ Other ☐

4. Material between well casing and protective pipe: Bentonite ☒ 3 0; ____ Other ☐

5. Annular space seal: a. Granular/Chipped Bentonite ☐ 3 3
b. ____ Lbs/gal mud weight . . . Bentonite-sand slurry ☐ 3 5
c. ____ Lbs/gal mud weight . . . Bentonite slurry ☐ 3 1
d. ____ % Bentonite . . . Bentonite-cement grout ☐ 5 0
e. ____ Ft^3 volume added for any of the above
f. How installed: Tremie ☐ 0 1; Tremie pumped ☐ 0 2; Gravity ☐ 0 8

6. Bentonite seal: a. Bentonite granules ☐ 3 3
b. ☐ 1/4 in. ☒ 3/8 in. ☐ 1/2 in. Bentonite chips ☒ 3 2
c. ____ Other ☐

7. Fine sand material: Manufacturer, product name & mesh size
a. Red Flint #45 - 55
b. Volume added 25 ft^3

8. Filter pack material: Manufacturer, product name & mesh size
a. Red Flint #30
b. Volume added 300 ft^3

9. Well casing: Flush threaded PVC schedule 40 ☒ 2 3; Flush threaded PVC schedule 80 ☐ 2 4; ____ Other ☐

10. Screen material: PVC
a. Screen Type: Factory cut ☒ 1 1; Continuous slot ☐ 0 1; ____ Other ☐
b. Manufacturer Diedrich
c. Slot size: 0.010 in.
d. Slotted length: 10.0 ft.

11. Backfill material (below filter pack): None ☒ 1 4; ____ Other ☐

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

Signature: Christopher King

Firm: KEY ENGINEERING GROUP, LTD
W66 N215 COMMERCE CT CEDARBURG WI 53012

Tel: (262) 375-4750
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.

State of Wisconsin
Department of Natural Resources

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

MONITORING WELL CONSTRUCTION

Form 4400-113A Rev. 7-98

Facility/Project Name: Decorah Annex	Local Grid Location of Well: ____ft. ☐N. ☐S. ____ft. ☐E. ☐W.	Well Name: P-2
Facility License, Permit or Monitoring No.: -	Local Grid Origin ☐ (estimated: ☐) or Well Location ☒ Lat. ° ' " Long. ° ' " or	Wis. Unique Well No. / DNR Well Number
Facility ID	St. Plane ____ ft. N, ____ ft. E. S/C/N	Date Well Installed: 10/06/1999
Type of Well: Well Code 12/pz	Section Location of Waste/Source: SW 1/4 of NW 1/4 of Sec. 24, T. 11 N, R. 19 ☒E ☐W	Well Installed By: (Person's Name and Firm) Kris King / Key Engineering Group, Ltd.
Distance from Waste/Source ft. / Enf. Stds. Apply ☐	Location of Well Relative to Waste/Source: u ☐ Upgradient s ☐ Sidegradient d ☐ Downgradient n ☐ Not Known	Gov. Lot Number

A. Protective pipe, top elevation ____ ft. MSL
B. Well casing, top elevation ____ ft. MSL
C. Land surface elevation ____ ft. MSL
D. Surface seal, bottom ____ ft. MSL or ____ ft.

12. USCS classification of soil near screen:
GP ☐ GM ☐ GC ☐ GW ☐ SW ☐ SP ☐
SM ☐ SC ☐ ML ☒ MH ☐ CL ☐ CH ☐
Bedrock ☐

13. Sieve analysis attached? ☐ Yes ☒ No

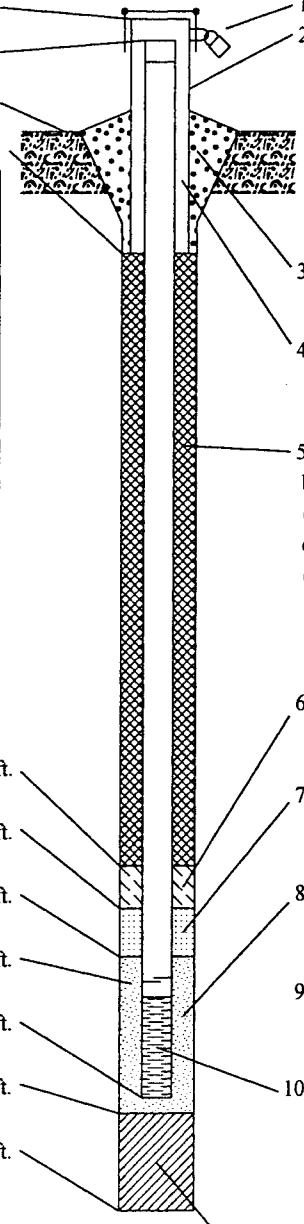
14. Drilling method used: Rotary ☐ 5 0 / Hollow Stem Auger ☒ 4 1 / ____ Other ☐ __

15. Drilling fluid used: Water ☐ 0 2 Air ☐ 0 1 Drilling Mud ☐ 0 3 None ☒ 9 9

16. Drilling additives used? ☐ Yes ☒ No
Describe ____

17. Source of water (attach analysis, if required):
NA

E. Bentonite seal, top ____ ft. MSL or 1.0 ft.
F. Fine sand, top ____ ft. MSL or 16.0 ft.
G. Filter pack, top ____ ft. MSL or 17.0 ft.
H. Screen joint, top ____ ft. MSL or 18.0 ft.
I. Well bottom ____ ft. MSL or 23.0 ft.
J. Filter pack, bottom ____ ft. MSL or 27.5 ft.
K. Borehole, bottom ____ ft. MSL or 27.5 ft.
L. Borehole, diameter 8.3 in.
M. O.D. well casing 2.38 in.
N. I.D. well casing 2.00 in.



1. Cap and lock? ☒ Yes ☐ No
2. Protective cover pipe:
a. Inside diameter: 10.0 in.
b. Length: 1.0 ft.
c. Material: Steel ☒ 0 4 / ____ Other ☐ __
d. Additional protection? ☐ Yes ☒ No
If yes, describe: ____
3. Surface seal: Bentonite ☐ 3 0 / Concrete ☒ 0 1 / ____ Other ☐ __
4. Material between well casing and protective pipe: Bentonite ☒ 3 0 / ____ Other ☐ __
5. Annular space seal: a. Granular/Chipped Bentonite ☐ 3 3
b. ____Lbs/gal mud weight . . . Bentonite-sand slurry ☐ 3 5
c. ____Lbs/gal mud weight . . . Bentonite slurry ☐ 3 1
d. ____% Bentonite . . . Bentonite-cement grout ☐ 5 0
e. ____Ft^3 volume added for any of the above
f. How installed: Tremie ☐ 0 1 / Tremie pumped ☐ 0 2 / Gravity ☐ 0 8
6. Bentonite seal: a. Bentonite granules ☐ 3 3
b. ☐ 1/4 in. ☒ 3/8 in. ☐ 1/2 in. Bentonite chips ☒ 3 2
c. ____ Other ☐ __
7. Fine sand material: Manufacturer, product name & mesh size
a. Red Flint #45 - 55 __
b. Volume added 25 ft^3
8. Filter pack material: Manufacturer, product name & mesh size
a. Red Flint #30 __
b. Volume added 200 ft^3
9. Well casing: Flush threaded PVC schedule 40 ☒ 2 3 / Flush threaded PVC schedule 80 ☐ 2 4 / ____ Other ☐ __
10. Screen material: PVC __
a. Screen Type: Factory cut ☒ 1 1 / Continuous slot ☐ 0 1 / ____ Other ☐ __
b. Manufacturer Diedrich
c. Slot size: 0.010 in.
d. Slotted length: 5.0 ft.
11. Backfill material (below filter pack): None ☒ 1 4 / ____ Other ☐ __

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

Signature: Christopher King | Firm: KEY ENGINEERING GROUP, LTD, W66 N215 COMMERCE CT CEDARBURG WI 53012 | Tel: (262) 375-4750 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.

State of Wisconsin
Department of Natural Resources

MONITORING WELL DEVELOPMENT

Form 4400-113B Rev. 7-98

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

Facility/Project Name	County	Well Name
Decorah Annex	Washington	MW-6

Facility License, Permit or Monitoring Number	County Code	Wis. Unique Well Number	DNR Well Number
-	67		

1. Can this well be purged dry? ☒ Yes ☐ No

2. Well development method:

surged with bailer and bailed	☐	41
surged with bailer and pumped	☐	61
surged with block and bailed	☐	42
surged with block and pumped	☐	62
surged with block, bailed, and pumped	☐	70
compressed air	☐	20
bailed only	☐	10
pumped only	☒	51
pumped slowly	☐	50
other _____	☐	

3. Time spent developing well 75 min.

4. Depth of well (from top of well casing) 14.9 ft.

5. Inside diameter of well 2.00 in.

6. Volume of water in filter pack and well casing 5.4 gal.

7. Volume of water removed from well 10.0 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.	9.22 ft.	9.84 ft.
Date	b.	10/8/1999	10/8/1999
Time	c.	08:45 ☒ a.m. ☐ p.m.	10:00 ☒ a.m. ☐ p.m.
12. Sediment in well bottom		2.0 inches	0.0 inches
13. Water clarity		Clear ☐ 10 Turbid ☒ 15 (Describe) Light brown	Clear ☒ 20 Turbid ☐ 25 (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
Kris King
Key Engineering Group, Ltd.

17. Additional comments on development:
Purged dry four times.

Facility Address or Owner/Responsible Party Address

Name: _____

Firm: _____

Street: 1011 - 1025 South Main Street

City/State/Zip: West Bend, WI

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

Signature: Kristopher King

Print Name: Kris King

Firm: KEY ENGINEERING GROUP, LTD

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

State of Wisconsin
Department of Natural Resources

MONITORING WELL DEVELOPMENT

Form 4400-113B Rev. 7-98

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

Facility/Project Name	County	Well Name
Decorah Annex	Washington	P-2

Facility License, Permit or Monitoring Number	County Code	Wis. Unique Well Number	DNR Well Number
-	67		

1. Can this well be purged dry? ☒ Yes ☐ No

2. Well development method:

surged with bailer and bailed	☐	41
surged with bailer and pumped	☐	61
surged with block and bailed	☐	42
surged with block and pumped	☐	62
surged with block, bailed, and pumped	☐	70
compressed air	☐	20
bailed only	☐	10
pumped only	☒	51
pumped slowly	☐	50
other _____	☐	[illegible]

3. Time spent developing well 105 min.

4. Depth of well (from top of well casing) 22.9 ft.

5. Inside diameter of well 2.00 in.

6. Volume of water in filter pack and well casing 13.1 gal.

7. Volume of water removed from well 16.0 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.	9.08 ft.	16.56 ft.
Date	b.	10/8/1999	10/8/1999
Time	c.	08:45 ☒ a.m. ☐ p.m.	10:30 ☒ a.m. ☐ p.m.
12. Sediment in well bottom		2.0 inches	0.0 inches
13. Water clarity		Clear ☐ 10 Turbid ☒ 15 (Describe) Light brown	Clear ☒ 20 Turbid ☐ 25 (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
Kris King
Key Engineering Group, Ltd.

17. Additional comments on development:
Purged dry four times.

Facility Address or Owner/Responsible Party Address

Name: _____

Firm: _____

Street: 1011 - 1025 South Main Street

City/State/Zip: West Bend, WI

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

Signature: Kristopher King

Print Name: Kris King

Firm: KEY ENGINEERING GROUP, LTD

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

ATTACHMENT 3

KEY ENGINEERING GROUP, LTD.

W66 N215 Commerce Court
Cedarburg, Wisconsin 53012
Phone No. (414) 375-4750
Fax No. (414) 375-9680

ANALYTICAL DATA CHECK-IN FORM

KEY Project Name: DECORAH SHOPPING CENTER ANNEX KEY Project No.: 0702007

Project Manager: CURT HOFFART

Lab Name: U.S. ANALYTICAL LAB Lab Project No.: 5027012

Sample Matrix: Soil ☒ Water ☐ Other: _____

Soil Sample IDs:

GP-8 2-4'	GP-13 7-9'
GP-8 8-10'	BLANK
GP-9 4-6'	
GP-10 2-4'	
GP-10 8-10'	
GP-11 5-7'	
GP-12 7-9'	

Water Sample IDs:

Do the following items correspond to the chain of custody document:

Project Name and Number:	Yes ☒	No ☐
Date of Collection:	Yes ☒	No ☐
Sample ID Number(s):	Yes ☒	No ☐
Sample Type (Matrix):	Yes ☒	No ☐
Analysis Type and Method No.:	Yes ☒	No ☐
Correct Units per Method:	Yes ☒	No ☐

Compare each sample date of collection to lab sheet extraction and analysis date. Have appropriate holding times for each method been met? Yes ☒ No ☐

Is the chain of custody properly completed? Yes ☒ No ☐

Comments: _____

Data Check-in Performed by: _____ Date: 10/5/95

Note: This form is to be completed for each lab submittal and attached to the original lab data.

U.S. Analytical Lab

CURT HOFFART
KEY ENGINEERING
W66N215 COMMERCE COURT
CEDARBURG WI 53012

Project # 0702007
Project Name DECORAH SHOPPING CENTE
Invoice # E27012

Report Date *30-Sep-99*

Analyte	Result	Units	LOD	LOQ	Dil	Run Date	Method	Analyst	QC Code
Lab Code 5027012A						**Sample Type** Soil			
Sample ID GP-8 2-4'						**Sample Date** 9/3/99			
Inorganic									
General									
Solids Percent	88.6	%			1	9/8/99	5021	RMB	1
Organic									
VOC's									
Benzene	< 25	ug/kg	6.2	21	1	9/22/99	8260B	CJR	1
Bromobenzene	< 25	ug/kg	4.3	14	1	9/22/99	8260B	CJR	1
Bromochloromethane	< 25	ug/kg	4.6	15	1	9/22/99	8260B	CJR	1
tert-Butylbenzene	< 25	ug/kg	6.5	22	1	9/22/99	8260B	CJR	1
sec-Butylbenzene	< 25	ug/kg	4.1	14	1	9/22/99	8260B	CJR	1
n-Butylbenzene	< 25	ug/kg	3.1	10	1	9/22/99	8260B	CJR	1
Carbon Tetrachloride	< 25	ug/kg	4	13	1	9/22/99	8260B	CJR	1
Chlorobenzene	< 25	ug/kg	5.3	18	1	9/22/99	8260B	CJR	1
Chloroethane	< 25	ug/kg	11	37	1	9/22/99	8260B	CJR	1
Chloroform	< 25	ug/kg	3.1	10	1	9/22/99	8260B	CJR	1
Chloromethane	< 25	ug/kg	6.9	23	1	9/22/99	8260B	CJR	1
2-Chlorotoluene	< 25	ug/kg	4.6	15	1	9/22/99	8260B	CJR	1
4-Chlorotoluene	< 25	ug/kg	4.4	15	1	9/22/99	8260B	CJR	1
1,2-Dibromo-3-chloropropane	< 25	ug/kg	11	37	1	9/22/99	8260B	CJR	1
Dibromochloromethane	< 25	ug/kg	5.4	18	1	9/22/99	8260B	CJR	1
1,4-Dichlorobenzene	< 25	ug/kg	4.4	15	1	9/22/99	8260B	CJR	1
1,3-Dichlorobenzene	< 25	ug/kg	4.4	15	1	9/22/99	8260B	CJR	1
1,2-Dichlorobenzene	< 25	ug/kg	3.6	12	1	9/22/99	8260B	CJR	1
Dichlorodifluoromethane	< 25	ug/kg	11	37	1	9/22/99	8260B	CJR	3 7
1,2-Dichloroethane	< 25	ug/kg	8.3	28	1	9/22/99	8260B	CJR	1
1,1-Dichloroethane	< 25	ug/kg	4.7	16	1	9/22/99	8260B	CJR	1
1,1-Dichloroethene	< 25	ug/kg	4.5	15	1	9/22/99	8260B	CJR	1
cis-1,2-Dichloroethene	< 25	ug/kg	5	17	1	9/22/99	8260B	CJR	1
trans-1,2-Dichloroethene	< 25	ug/kg	4.5	15	1	9/22/99	8260B	CJR	1
1,2-Dichloropropane	< 25	ug/kg	4.2	14	1	9/22/99	8260B	CJR	1
2,2-Dichloropropane	< 25	ug/kg	4	13	1	9/22/99	8260B	CJR	4
1,3-Dichloropropane	< 25	ug/kg	4.3	15	1	9/22/99	8260B	CJR	1
Di-isopropyl ether	< 25	ug/kg	3	10	1	9/22/99	8260B	CJR	1
EDB (1,2-Dibromoethane)	< 25	ug/kg	3.5	12	1	9/22/99	8260B	CJR	1
Ethylbenzene	< 25	ug/kg	4.4	15	1	9/22/99	8260B	CJR	1
Hexachlorobutadiene	< 25	ug/kg	7.5	25	1	9/22/99	8260B	CJR	1

CURT HOFFART
KEY ENGINEERING
W66N215 COMMERCE COURT
CEDARBURG WI 53012

Project # 0702007
Project Name DECORAH SHOPPING CENTE
Invoice # E27012

Report Date *30-Sep-99*

Analyte	Result	Units	LOD	LOQ	Dil	Run Date	Method	Analyst	QC Code
Lab Code 5027012A						**Sample Type** Soil			
Sample ID GP-8 2-4'						**Sample Date** 9/3/99			
Isopropylbenzene	< 25	ug/kg	5.2	17	1	9/22/99	8260B	CJR	1
p-Isopropyltoluene	< 25	ug/kg	3.1	10	1	9/22/99	8260B	CJR	1
Methylene chloride	< 25	ug/kg	11	35	1	9/22/99	8260B	CJR	1
MTBE	< 25	ug/kg	5.6	19	1	9/22/99	8260B	CJR	1
Naphthalene	< 25	ug/kg	4.2	14	1	9/22/99	8260B	CJR	1
n-Propylbenzene	< 25	ug/kg	4.5	15	1	9/22/99	8260B	CJR	1
1,1,2,2-Tetrachloroethane	< 25	ug/kg	3.4	11	1	9/22/99	8260B	CJR	1
Tetrachloroethene	240	ug/kg	6.1	21	1	9/22/99	8260B	CJR	1
Toluene	< 25	ug/kg	5.3	18	1	9/22/99	8260B	CJR	1
1,2,4-Trichlorobenzene	< 25	ug/kg	4.4	15	1	9/22/99	8260B	CJR	1
1,2,3-Trichlorobenzene	< 25	ug/kg	4	14	1	9/22/99	8260B	CJR	1
1,1,1-Trichloroethane	< 25	ug/kg	6.7	22	1	9/22/99	8260B	CJR	1
1,1,2-Trichloroethane	< 25	ug/kg	3.7	12	1	9/22/99	8260B	CJR	1
Trichloroethene	< 25	ug/kg	4.5	15	1	9/22/99	8260B	CJR	1
Trichlorofluoromethane	< 25	ug/kg	14	45	1	9/22/99	8260B	CJR	3 7
1,2,4-Trimethylbenzene	< 25	ug/kg	4.5	15	1	9/22/99	8260B	CJR	1
1,3,5-Trimethylbenzene	< 25	ug/kg	4.1	14	1	9/22/99	8260B	CJR	1
Vinyl Chloride	< 25	ug/kg	5.6	19	1	9/22/99	8260B	CJR	1
m&p-Xylene	< 50	ug/kg	8.2	27	1	9/22/99	8260B	CJR	1
o-Xylene	< 25	ug/kg	2.5	8.4	1	9/22/99	8260B	CJR	1
Lab Code 5027012B						**Sample Type** Soil			
Sample ID GP-8 8-10'						**Sample Date** 9/3/99			
Inorganic									
General									
Solids Percent	83.9	%			1	9/8/99	5021	RMB	1
Organic									
VOC's									
Benzene	< 25	ug/kg	6.2	21	1	9/22/99	8260B	CJR	1
Bromobenzene	< 25	ug/kg	4.3	14	1	9/22/99	8260B	CJR	1
Bromochloromethane	< 25	ug/kg	4.6	15	1	9/22/99	8260B	CJR	1
tert-Butylbenzene	< 25	ug/kg	6.5	22	1	9/22/99	8260B	CJR	1
sec-Butylbenzene	< 25	ug/kg	4.1	14	1	9/22/99	8260B	CJR	1
n-Butylbenzene	< 25	ug/kg	3.1	10	1	9/22/99	8260B	CJR	1
Carbon Tetrachloride	< 25	ug/kg	4	13	1	9/22/99	8260B	CJR	1
Chlorobenzene	< 25	ug/kg	5.3	18	1	9/22/99	8260B	CJR	1

CURT HOFFART
KEY ENGINEERING
W66N215 COMMERCE COURT
CEDARBURG WI 53012

Project # 0702007
Project Name DECORAH SHOPPING CENTE
Invoice # E27012

Report Date *30-Sep-99*

Analyte	Result	Units	LOD	LOQ	Dil	Run Date	Method	Analyst	QC Code
Lab Code 5027012B						**Sample Type** Soil			
Sample ID GP-8 8-10'						**Sample Date** 9/3/99			
Chloroethane	< 25	ug/kg	11	37	1	9/22/99	8260B	CJR	1
Chloroform	< 25	ug/kg	3.1	10	1	9/22/99	8260B	CJR	1
Chloromethane	< 25	ug/kg	6.9	23	1	9/22/99	8260B	CJR	1
2-Chlorotoluene	< 25	ug/kg	4.6	15	1	9/22/99	8260B	CJR	1
4-Chlorotoluene	< 25	ug/kg	4.4	15	1	9/22/99	8260B	CJR	1
1,2-Dibromo-3-chloropropane	< 25	ug/kg	11	37	1	9/22/99	8260B	CJR	1
Dibromochloromethane	< 25	ug/kg	5.4	18	1	9/22/99	8260B	CJR	1
1,4-Dichlorobenzene	< 25	ug/kg	4.4	15	1	9/22/99	8260B	CJR	1
1,3-Dichlorobenzene	< 25	ug/kg	4.4	15	1	9/22/99	8260B	CJR	1
1,2-Dichlorobenzene	< 25	ug/kg	3.6	12	1	9/22/99	8260B	CJR	1
Dichlorodifluoromethane	< 25	ug/kg	11	37	1	9/22/99	8260B	CJR	3 7
1,2-Dichloroethane	< 25	ug/kg	8.3	28	1	9/22/99	8260B	CJR	1
1,1-Dichloroethane	< 25	ug/kg	4.7	16	1	9/22/99	8260B	CJR	1
1,1-Dichloroethene	< 25	ug/kg	4.5	15	1	9/22/99	8260B	CJR	1
cis-1,2-Dichloroethene	< 25	ug/kg	5	17	1	9/22/99	8260B	CJR	1
trans-1,2-Dichloroethene	< 25	ug/kg	4.5	15	1	9/22/99	8260B	CJR	1
1,2-Dichloropropane	< 25	ug/kg	4.2	14	1	9/22/99	8260B	CJR	1
2,2-Dichloropropane	< 25	ug/kg	4	13	1	9/22/99	8260B	CJR	4
1,3-Dichloropropane	< 25	ug/kg	4.3	15	1	9/22/99	8260B	CJR	1
Di-isopropyl ether	< 25	ug/kg	3	10	1	9/22/99	8260B	CJR	1
EDB (1,2-Dibromoethane)	< 25	ug/kg	3.5	12	1	9/22/99	8260B	CJR	1
Ethylbenzene	< 25	ug/kg	4.4	15	1	9/22/99	8260B	CJR	1
Hexachlorobutadiene	< 25	ug/kg	7.5	25	1	9/22/99	8260B	CJR	1
Isopropylbenzene	< 25	ug/kg	5.2	17	1	9/22/99	8260B	CJR	1
p-Isopropyltoluene	< 25	ug/kg	3.1	10	1	9/22/99	8260B	CJR	1
Methylene chloride	< 25	ug/kg	11	35	1	9/22/99	8260B	CJR	1
MTBE	< 25	ug/kg	5.6	19	1	9/22/99	8260B	CJR	1
Naphthalene	< 25	ug/kg	4.2	14	1	9/22/99	8260B	CJR	1
n-Propylbenzene	< 25	ug/kg	4.5	15	1	9/22/99	8260B	CJR	1
1,1,2,2-Tetrachloroethane	< 25	ug/kg	3.4	11	1	9/22/99	8260B	CJR	1
Tetrachloroethene	120	ug/kg	6.1	21	1	9/22/99	8260B	CJR	1
Toluene	< 25	ug/kg	5.3	18	1	9/22/99	8260B	CJR	1
1,2,4-Trichlorobenzene	< 25	ug/kg	4.4	15	1	9/22/99	8260B	CJR	1
1,2,3-Trichlorobenzene	< 25	ug/kg	4	14	1	9/22/99	8260B	CJR	1
1,1,1-Trichloroethane	< 25	ug/kg	6.7	22	1	9/22/99	8260B	CJR	1
1,1,2-Trichloroethane	< 25	ug/kg	3.7	12	1	9/22/99	8260B	CJR	1
Trichloroethene	< 25	ug/kg	4.5	15	1	9/22/99	8260B	CJR	1

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W66N215 COMMERCE COURT
CEDARBURG WI 53012

Project # 0702007
Project Name DECORAH SHOPPING CENTE
Invoice # E27012

Report Date *30-Sep-99*

Analyte	Result	Units	LOD	LOQ	Dil	Run Date	Method	Analyst	QC Code
Lab Code 5027012B						**Sample Type** Soil			
Sample ID GP-8 8-10'						**Sample Date** 9/3/99			
Trichlorofluoromethane	< 25	ug/kg	14	45	1	9/22/99	8260B	CJR	3 7
1,2,4-Trimethylbenzene	< 25	ug/kg	4.5	15	1	9/22/99	8260B	CJR	1
1,3,5-Trimethylbenzene	< 25	ug/kg	4.1	14	1	9/22/99	8260B	CJR	1
Vinyl Chloride	< 25	ug/kg	5.6	19	1	9/22/99	8260B	CJR	1
m&p-Xylene	< 50	ug/kg	8.2	27	1	9/22/99	8260B	CJR	1
o-Xylene	< 25	ug/kg	2.5	8.4	1	9/22/99	8260B	CJR	1
Lab Code 5027012C						**Sample Type** Soil			
Sample ID GP-9 4-6'						**Sample Date** 9/3/99			
Inorganic									
General									
Solids Percent	85.2	%			1	9/8/99	5021	RMB	1
Total Organic Carbon	3100	mg/kg	190	610		9/21/99	9060	EEL	1 61
Organic									
VOC's									
Benzene	< 25	ug/kg	6.2	21	1	9/22/99	8260B	CJR	1
Bromobenzene	< 25	ug/kg	4.3	14	1	9/22/99	8260B	CJR	1
Bromochloromethane	< 25	ug/kg	4.6	15	1	9/22/99	8260B	CJR	1
tert-Butylbenzene	< 25	ug/kg	6.5	22	1	9/22/99	8260B	CJR	1
sec-Butylbenzene	< 25	ug/kg	4.1	14	1	9/22/99	8260B	CJR	1
n-Butylbenzene	< 25	ug/kg	3.1	10	1	9/22/99	8260B	CJR	1
Carbon Tetrachloride	< 25	ug/kg	4	13	1	9/22/99	8260B	CJR	1
Chlorobenzene	< 25	ug/kg	5.3	18	1	9/22/99	8260B	CJR	1
Chloroethane	< 25	ug/kg	11	37	1	9/22/99	8260B	CJR	1
Chloroform	< 25	ug/kg	3.1	10	1	9/22/99	8260B	CJR	1
Chloromethane	< 25	ug/kg	6.9	23	1	9/22/99	8260B	CJR	1
2-Chlorotoluene	< 25	ug/kg	4.6	15	1	9/22/99	8260B	CJR	1
4-Chlorotoluene	< 25	ug/kg	4.4	15	1	9/22/99	8260B	CJR	1
1,2-Dibromo-3-chloropropane	< 25	ug/kg	11	37	1	9/22/99	8260B	CJR	1
Dibromochloromethane	< 25	ug/kg	5.4	18	1	9/22/99	8260B	CJR	1
1,4-Dichlorobenzene	< 25	ug/kg	4.4	15	1	9/22/99	8260B	CJR	1
1,3-Dichlorobenzene	< 25	ug/kg	4.4	15	1	9/22/99	8260B	CJR	1
1,2-Dichlorobenzene	< 25	ug/kg	3.6	12	1	9/22/99	8260B	CJR	1
Dichlorodifluoromethane	< 25	ug/kg	11	37	1	9/22/99	8260B	CJR	3 7
1,2-Dichloroethane	< 25	ug/kg	8.3	28	1	9/22/99	8260B	CJR	1
1,1-Dichloroethane	< 25	ug/kg	4.7	16	1	9/22/99	8260B	CJR	1

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W66N215 COMMERCE COURT
CEDARBURG WI 53012

Project # 0702007
Project Name DECORAH SHOPPING CENTE
Invoice # E27012

Report Date *30-Sep-99*

Analyte	Result	Units	LOD	LOQ	Dil	Run Date	Method	Analyst	QC Code
Lab Code 5027012C						**Sample Type** Soil			
Sample ID GP-9 4-6'						**Sample Date** 9/3/99			
1,1-Dichloroethene	< 25	ug/kg	4.5	15	1	9/22/99	8260B	CJR	1
cis-1,2-Dichloroethene	< 25	ug/kg	5	17	1	9/22/99	8260B	CJR	1
trans-1,2-Dichloroethene	< 25	ug/kg	4.5	15	1	9/22/99	8260B	CJR	1
1,2-Dichloropropane	< 25	ug/kg	4.2	14	1	9/22/99	8260B	CJR	1
2,2-Dichloropropane	< 25	ug/kg	4	13	1	9/22/99	8260B	CJR	4
1,3-Dichloropropane	< 25	ug/kg	4.3	15	1	9/22/99	8260B	CJR	1
Di-isopropyl ether	< 25	ug/kg	3	10	1	9/22/99	8260B	CJR	1
EDB (1,2-Dibromoethane)	< 25	ug/kg	3.5	12	1	9/22/99	8260B	CJR	1
Ethylbenzene	< 25	ug/kg	4.4	15	1	9/22/99	8260B	CJR	1
Hexachlorobutadiene	< 25	ug/kg	7.5	25	1	9/22/99	8260B	CJR	1
Isopropylbenzene	< 25	ug/kg	5.2	17	1	9/22/99	8260B	CJR	1
p-Isopropyltoluene	< 25	ug/kg	3.1	10	1	9/22/99	8260B	CJR	1
Methylene chloride	< 25	ug/kg	11	35	1	9/22/99	8260B	CJR	1
MTBE	< 25	ug/kg	5.6	19	1	9/22/99	8260B	CJR	1
Naphthalene	< 25	ug/kg	4.2	14	1	9/22/99	8260B	CJR	1
n-Propylbenzene	< 25	ug/kg	4.5	15	1	9/22/99	8260B	CJR	1
1,1,2,2-Tetrachloroethane	< 25	ug/kg	3.4	11	1	9/22/99	8260B	CJR	1
Tetrachloroethene	< 25	ug/kg	6.1	21	1	9/22/99	8260B	CJR	1
Toluene	< 25	ug/kg	5.3	18	1	9/22/99	8260B	CJR	1
1,2,4-Trichlorobenzene	< 25	ug/kg	4.4	15	1	9/22/99	8260B	CJR	1
1,2,3-Trichlorobenzene	< 25	ug/kg	4	14	1	9/22/99	8260B	CJR	1
1,1,1-Trichloroethane	< 25	ug/kg	6.7	22	1	9/22/99	8260B	CJR	1
1,1,2-Trichloroethane	< 25	ug/kg	3.7	12	1	9/22/99	8260B	CJR	1
Trichloroethene	< 25	ug/kg	4.5	15	1	9/22/99	8260B	CJR	1
Trichlorofluoromethane	< 25	ug/kg	14	45	1	9/22/99	8260B	CJR	3 7
1,2,4-Trimethylbenzene	< 25	ug/kg	4.5	15	1	9/22/99	8260B	CJR	1
1,3,5-Trimethylbenzene	< 25	ug/kg	4.1	14	1	9/22/99	8260B	CJR	1
Vinyl Chloride	< 25	ug/kg	5.6	19	1	9/22/99	8260B	CJR	1
m&p-Xylene	< 50	ug/kg	8.2	27	1	9/22/99	8260B	CJR	1
o-Xylene	< 25	ug/kg	2.5	8.4	1	9/22/99	8260B	CJR	1
Lab Code 5027012D						**Sample Type** Soil			
Sample ID GP-10 2-4'						**Sample Date** 9/3/99			
Inorganic									
General									
Solids Percent	87.4	%			1	9/8/99	5021	RMB	1

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CEDARBURG WI 53012

Project # 0702007
Project Name DECORAH SHOPPING CENTE
Invoice # E27012

Report Date *30-Sep-99*

Analyte	Result	Units	LOD	LOQ	Dil	Run Date	Method	Analyst	QC Code
Lab Code 5027012D						**Sample Type** Soil			
Sample ID GP-10 2-4'						**Sample Date** 9/3/99			
Total Organic Carbon	6800	mg/kg	190	610		9/21/99	9060	EEL	1 61
Organic									
VOC's									
Benzene	< 25	ug/kg	6.2	21	1	9/22/99	8260B	CJR	1
Bromobenzene	< 25	ug/kg	4.3	14	1	9/22/99	8260B	CJR	1
Bromochloromethane	< 25	ug/kg	4.6	15	1	9/22/99	8260B	CJR	1
tert-Butylbenzene	< 25	ug/kg	6.5	22	1	9/22/99	8260B	CJR	1
sec-Butylbenzene	< 25	ug/kg	4.1	14	1	9/22/99	8260B	CJR	1
n-Butylbenzene	< 25	ug/kg	3.1	10	1	9/22/99	8260B	CJR	1
Carbon Tetrachloride	< 25	ug/kg	4	13	1	9/22/99	8260B	CJR	1
Chlorobenzene	< 25	ug/kg	5.3	18	1	9/22/99	8260B	CJR	1
Chloroethane	< 25	ug/kg	11	37	1	9/22/99	8260B	CJR	1
Chloroform	< 25	ug/kg	3.1	10	1	9/22/99	8260B	CJR	1
Chloromethane	< 25	ug/kg	6.9	23	1	9/22/99	8260B	CJR	1
2-Chlorotoluene	< 25	ug/kg	4.6	15	1	9/22/99	8260B	CJR	1
4-Chlorotoluene	< 25	ug/kg	4.4	15	1	9/22/99	8260B	CJR	1
1,2-Dibromo-3-chloropropane	< 25	ug/kg	11	37	1	9/22/99	8260B	CJR	1
Dibromochloromethane	< 25	ug/kg	5.4	18	1	9/22/99	8260B	CJR	1
1,4-Dichlorobenzene	< 25	ug/kg	4.4	15	1	9/22/99	8260B	CJR	1
1,3-Dichlorobenzene	< 25	ug/kg	4.4	15	1	9/22/99	8260B	CJR	1
1,2-Dichlorobenzene	< 25	ug/kg	3.6	12	1	9/22/99	8260B	CJR	1
Dichlorodifluoromethane	< 25	ug/kg	11	37	1	9/22/99	8260B	CJR	3 7
1,2-Dichloroethane	< 25	ug/kg	8.3	28	1	9/22/99	8260B	CJR	1
1,1-Dichloroethane	< 25	ug/kg	4.7	16	1	9/22/99	8260B	CJR	1
1,1-Dichloroethene	< 25	ug/kg	4.5	15	1	9/22/99	8260B	CJR	1
cis-1,2-Dichloroethene	< 25	ug/kg	5	17	1	9/22/99	8260B	CJR	1
trans-1,2-Dichloroethene	< 25	ug/kg	4.5	15	1	9/22/99	8260B	CJR	1
1,2-Dichloropropane	< 25	ug/kg	4.2	14	1	9/22/99	8260B	CJR	1
2,2-Dichloropropane	< 25	ug/kg	4	13	1	9/22/99	8260B	CJR	4
1,3-Dichloropropane	< 25	ug/kg	4.3	15	1	9/22/99	8260B	CJR	1
Di-isopropyl ether	< 25	ug/kg	3	10	1	9/22/99	8260B	CJR	1
EDB (1,2-Dibromoethane)	< 25	ug/kg	3.5	12	1	9/22/99	8260B	CJR	1
Ethylbenzene	< 25	ug/kg	4.4	15	1	9/22/99	8260B	CJR	1
Hexachlorobutadiene	< 25	ug/kg	7.5	25	1	9/22/99	8260B	CJR	1
Isopropylbenzene	< 25	ug/kg	5.2	17	1	9/22/99	8260B	CJR	1
p-Isopropyltoluene	< 25	ug/kg	3.1	10	1	9/22/99	8260B	CJR	1

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W66N215 COMMERCE COURT
CEDARBURG WI 53012

Project # 0702007
Project Name DECORAH SHOPPING CENTE
Invoice # E27012

Report Date *30-Sep-99*

Analyte	Result	Units	LOD	LOQ	Dil	Run Date	Method	Analyst	QC Code
Lab Code 5027012D						**Sample Type** Soil			
Sample ID GP-10 2-4'						**Sample Date** 9/3/99			
Methylene chloride	< 25	ug/kg	11	35	1	9/22/99	8260B	CJR	1
MTBE	< 25	ug/kg	5.6	19	1	9/22/99	8260B	CJR	1
Naphthalene	< 25	ug/kg	4.2	14	1	9/22/99	8260B	CJR	1
n-Propylbenzene	< 25	ug/kg	4.5	15	1	9/22/99	8260B	CJR	1
1,1,2,2-Tetrachloroethane	< 25	ug/kg	3.4	11	1	9/22/99	8260B	CJR	1
Tetrachloroethene	87	ug/kg	6.1	21	1	9/22/99	8260B	CJR	1
Toluene	< 25	ug/kg	5.3	18	1	9/22/99	8260B	CJR	1
1,2,4-Trichlorobenzene	< 25	ug/kg	4.4	15	1	9/22/99	8260B	CJR	1
1,2,3-Trichlorobenzene	< 25	ug/kg	4	14	1	9/22/99	8260B	CJR	1
1,1,1-Trichloroethane	< 25	ug/kg	6.7	22	1	9/22/99	8260B	CJR	1
1,1,2-Trichloroethane	< 25	ug/kg	3.7	12	1	9/22/99	8260B	CJR	1
Trichloroethene	< 25	ug/kg	4.5	15	1	9/22/99	8260B	CJR	1
Trichlorofluoromethane	< 25	ug/kg	14	45	1	9/22/99	8260B	CJR	3 7
1,2,4-Trimethylbenzene	< 25	ug/kg	4.5	15	1	9/22/99	8260B	CJR	1
1,3,5-Trimethylbenzene	< 25	ug/kg	4.1	14	1	9/22/99	8260B	CJR	1
Vinyl Chloride	< 25	ug/kg	5.6	19	1	9/22/99	8260B	CJR	1
m&p-Xylene	< 50	ug/kg	8.2	27	1	9/22/99	8260B	CJR	1
o-Xylene	< 25	ug/kg	2.5	8.4	1	9/22/99	8260B	CJR	1
Lab Code 5027012E						**Sample Type** Soil			
Sample ID GP-10 8-10'						**Sample Date** 9/3/99			
Inorganic									
General									
Solids Percent	91.6	%			1	9/8/99	5021	RMB	1
Organic									
VOC's									
Benzene	< 25	ug/kg	6.2	21	1	9/21/99	8260B	CJR	1
Bromobenzene	< 25	ug/kg	4.3	14	1	9/21/99	8260B	CJR	1
Bromochloromethane	< 25	ug/kg	4.6	15	1	9/21/99	8260B	CJR	1
tert-Butylbenzene	< 25	ug/kg	6.5	22	1	9/21/99	8260B	CJR	1
sec-Butylbenzene	< 25	ug/kg	4.1	14	1	9/21/99	8260B	CJR	1
n-Butylbenzene	< 25	ug/kg	3.1	10	1	9/21/99	8260B	CJR	1
Carbon Tetrachloride	< 25	ug/kg	4	13	1	9/21/99	8260B	CJR	1
Chlorobenzene	< 25	ug/kg	5.3	18	1	9/21/99	8260B	CJR	1
Chloroethane	< 25	ug/kg	11	37	1	9/21/99	8260B	CJR	1
Chloroform	< 25	ug/kg	3.1	10	1	9/21/99	8260B	CJR	1

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CEDARBURG WI 53012

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Report Date *30-Sep-99*

Analyte	Result	Units	LOD	LOQ	Dil	Run Date	Method	Analyst	QC Code
Lab Code 5027012E						**Sample Type** Soil			
Sample ID GP-10 8-10'						**Sample Date** 9/3/99			
Chloromethane	< 25	ug/kg	6.9	23	1	9/21/99	8260B	CJR	1
2-Chlorotoluene	< 25	ug/kg	4.6	15	1	9/21/99	8260B	CJR	1
4-Chlorotoluene	< 25	ug/kg	4.4	15	1	9/21/99	8260B	CJR	1
1,2-Dibromo-3-chloropropane	< 25	ug/kg	11	37	1	9/21/99	8260B	CJR	1
Dibromochloromethane	< 25	ug/kg	5.4	18	1	9/21/99	8260B	CJR	1
1,4-Dichlorobenzene	< 25	ug/kg	4.4	15	1	9/21/99	8260B	CJR	1
1,3-Dichlorobenzene	< 25	ug/kg	4.4	15	1	9/21/99	8260B	CJR	1
1,2-Dichlorobenzene	< 25	ug/kg	3.6	12	1	9/21/99	8260B	CJR	1
Dichlorodifluoromethane	< 25	ug/kg	11	37	1	9/21/99	8260B	CJR	3 7
1,2-Dichloroethane	< 25	ug/kg	8.3	28	1	9/21/99	8260B	CJR	1
1,1-Dichloroethane	< 25	ug/kg	4.7	16	1	9/21/99	8260B	CJR	1
1,1-Dichloroethene	< 25	ug/kg	4.5	15	1	9/21/99	8260B	CJR	1
cis-1,2-Dichloroethene	< 25	ug/kg	5	17	1	9/21/99	8260B	CJR	1
trans-1,2-Dichloroethene	< 25	ug/kg	4.5	15	1	9/21/99	8260B	CJR	1
1,2-Dichloropropane	< 25	ug/kg	4.2	14	1	9/21/99	8260B	CJR	1
2,2-Dichloropropane	< 25	ug/kg	4	13	1	9/21/99	8260B	CJR	4
1,3-Dichloropropane	< 25	ug/kg	4.3	15	1	9/21/99	8260B	CJR	1
Di-isopropyl ether	< 25	ug/kg	3	10	1	9/21/99	8260B	CJR	1
EDB (1,2-Dibromoethane)	< 25	ug/kg	3.5	12	1	9/21/99	8260B	CJR	1
Ethylbenzene	< 25	ug/kg	4.4	15	1	9/21/99	8260B	CJR	1
Hexachlorobutadiene	< 25	ug/kg	7.5	25	1	9/21/99	8260B	CJR	1
Isopropylbenzene	< 25	ug/kg	5.2	17	1	9/21/99	8260B	CJR	1
p-Isopropyltoluene	< 25	ug/kg	3.1	10	1	9/21/99	8260B	CJR	1
Methylene chloride	< 25	ug/kg	11	35	1	9/21/99	8260B	CJR	1
MTBE	< 25	ug/kg	5.6	19	1	9/21/99	8260B	CJR	1
Naphthalene	< 25	ug/kg	4.2	14	1	9/21/99	8260B	CJR	1
n-Propylbenzene	< 25	ug/kg	4.5	15	1	9/21/99	8260B	CJR	1
1,1,2,2-Tetrachloroethane	< 25	ug/kg	3.4	11	1	9/21/99	8260B	CJR	1
Tetrachloroethene	1400	ug/kg	6.1	21	1	9/21/99	8260B	CJR	1
Toluene	< 25	ug/kg	5.3	18	1	9/21/99	8260B	CJR	1
1,2,4-Trichlorobenzene	< 25	ug/kg	4.4	15	1	9/21/99	8260B	CJR	1
1,2,3-Trichlorobenzene	< 25	ug/kg	4	14	1	9/21/99	8260B	CJR	1
1,1,1-Trichloroethane	< 25	ug/kg	6.7	22	1	9/21/99	8260B	CJR	1
1,1,2-Trichloroethane	< 25	ug/kg	3.7	12	1	9/21/99	8260B	CJR	1
Trichloroethene	< 25	ug/kg	4.5	15	1	9/21/99	8260B	CJR	1
Trichlorofluoromethane	< 25	ug/kg	14	45	1	9/21/99	8260B	CJR	3 7
1,2,4-Trimethylbenzene	< 25	ug/kg	4.5	15	1	9/21/99	8260B	CJR	1

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W66N215 COMMERCE COURT
CEDARBURG WI 53012

Project # 0702007
Project Name DECORAH SHOPPING CENTE
Invoice # E27012

Report Date *30-Sep-99*

Analyte	Result	Units	LOD	LOQ	Dil	Run Date	Method	Analyst	QC Code
Lab Code 5027012E						**Sample Type** Soil			
Sample ID GP-10 8-10'						**Sample Date** 9/3/99			
1,3,5-Trimethylbenzene	< 25	ug/kg	4.1	14	1	9/21/99	8260B	CJR	1
Vinyl Chloride	< 25	ug/kg	5.6	19	1	9/21/99	8260B	CJR	1
m&p-Xylene	< 50	ug/kg	8.2	27	1	9/21/99	8260B	CJR	1
o-Xylene	< 25	ug/kg	2.5	8.4	1	9/21/99	8260B	CJR	1
Lab Code 5027012F						**Sample Type** Soil			
Sample ID GP-11 5-7'						**Sample Date** 9/3/99			
Inorganic									
General									
Solids Percent	95.4	%			1	9/8/99	5021	RMB	1
Organic									
VOC's									
Benzene	< 25	ug/kg	6.2	21	1	9/21/99	8260B	CJR	1
Bromobenzene	< 25	ug/kg	4.3	14	1	9/21/99	8260B	CJR	1
Bromochloromethane	< 25	ug/kg	4.6	15	1	9/21/99	8260B	CJR	1
tert-Butylbenzene	< 25	ug/kg	6.5	22	1	9/21/99	8260B	CJR	1
sec-Butylbenzene	< 25	ug/kg	4.1	14	1	9/21/99	8260B	CJR	1
n-Butylbenzene	< 25	ug/kg	3.1	10	1	9/21/99	8260B	CJR	1
Carbon Tetrachloride	< 25	ug/kg	4	13	1	9/21/99	8260B	CJR	1
Chlorobenzene	< 25	ug/kg	5.3	18	1	9/21/99	8260B	CJR	1
Chloroethane	< 25	ug/kg	11	37	1	9/21/99	8260B	CJR	1
Chloroform	< 25	ug/kg	3.1	10	1	9/21/99	8260B	CJR	1
Chloromethane	< 25	ug/kg	6.9	23	1	9/21/99	8260B	CJR	1
2-Chlorotoluene	< 25	ug/kg	4.6	15	1	9/21/99	8260B	CJR	1
4-Chlorotoluene	< 25	ug/kg	4.4	15	1	9/21/99	8260B	CJR	1
1,2-Dibromo-3-chloropropane	< 25	ug/kg	11	37	1	9/21/99	8260B	CJR	1
Dibromochloromethane	< 25	ug/kg	5.4	18	1	9/21/99	8260B	CJR	1
1,4-Dichlorobenzene	< 25	ug/kg	4.4	15	1	9/21/99	8260B	CJR	1
1,3-Dichlorobenzene	< 25	ug/kg	4.4	15	1	9/21/99	8260B	CJR	1
1,2-Dichlorobenzene	< 25	ug/kg	3.6	12	1	9/21/99	8260B	CJR	1
Dichlorodifluoromethane	< 25	ug/kg	11	37	1	9/21/99	8260B	CJR	3 7
1,2-Dichloroethane	< 25	ug/kg	8.3	28	1	9/21/99	8260B	CJR	1
1,1-Dichloroethane	< 25	ug/kg	4.7	16	1	9/21/99	8260B	CJR	1
1,1-Dichloroethene	< 25	ug/kg	4.5	15	1	9/21/99	8260B	CJR	1
cis-1,2-Dichloroethene	< 25	ug/kg	5	17	1	9/21/99	8260B	CJR	1
trans-1,2-Dichloroethene	< 25	ug/kg	4.5	15	1	9/21/99	8260B	CJR	1

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W66N215 COMMERCE COURT
CEDARBURG WI 53012

Project # 0702007
Project Name DECORAH SHOPPING CENTE
Invoice # E27012

Report Date *30-Sep-99*

Analyte	Result	Units	LOD	LOQ	Dil	Run Date	Method	Analyst	QC Code
Lab Code 5027012F						**Sample Type** Soil			
Sample ID GP-11 5-7'						**Sample Date** 9/3/99			
1,2-Dichloropropane	< 25	ug/kg	4.2	14	1	9/21/99	8260B	CJR	1
2,2-Dichloropropane	< 25	ug/kg	4	13	1	9/21/99	8260B	CJR	4
1,3-Dichloropropane	< 25	ug/kg	4.3	15	1	9/21/99	8260B	CJR	1
Di-isopropyl ether	< 25	ug/kg	3	10	1	9/21/99	8260B	CJR	1
EDB (1,2-Dibromoethane)	< 25	ug/kg	3.5	12	1	9/21/99	8260B	CJR	1
Ethylbenzene	< 25	ug/kg	4.4	15	1	9/21/99	8260B	CJR	1
Hexachlorobutadiene	< 25	ug/kg	7.5	25	1	9/21/99	8260B	CJR	1
Isopropylbenzene	< 25	ug/kg	5.2	17	1	9/21/99	8260B	CJR	1
p-Isopropyltoluene	< 25	ug/kg	3.1	10	1	9/21/99	8260B	CJR	1
Methylene chloride	< 25	ug/kg	11	35	1	9/21/99	8260B	CJR	1
MTBE	< 25	ug/kg	5.6	19	1	9/21/99	8260B	CJR	1
Naphthalene	< 25	ug/kg	4.2	14	1	9/21/99	8260B	CJR	1
n-Propylbenzene	< 25	ug/kg	4.5	15	1	9/21/99	8260B	CJR	1
1,1,2,2-Tetrachloroethane	< 25	ug/kg	3.4	11	1	9/21/99	8260B	CJR	1
Tetrachloroethene	340	ug/kg	6.1	21	1	9/21/99	8260B	CJR	1
Toluene	< 25	ug/kg	5.3	18	1	9/21/99	8260B	CJR	1
1,2,4-Trichlorobenzene	< 25	ug/kg	4.4	15	1	9/21/99	8260B	CJR	1
1,2,3-Trichlorobenzene	< 25	ug/kg	4	14	1	9/21/99	8260B	CJR	1
1,1,1-Trichloroethane	< 25	ug/kg	6.7	22	1	9/21/99	8260B	CJR	1
1,1,2-Trichloroethane	< 25	ug/kg	3.7	12	1	9/21/99	8260B	CJR	1
Trichloroethene	< 25	ug/kg	4.5	15	1	9/21/99	8260B	CJR	1
Trichlorofluoromethane	< 25	ug/kg	14	45	1	9/21/99	8260B	CJR	3 7
1,2,4-Trimethylbenzene	< 25	ug/kg	4.5	15	1	9/21/99	8260B	CJR	1
1,3,5-Trimethylbenzene	< 25	ug/kg	4.1	14	1	9/21/99	8260B	CJR	1
Vinyl Chloride	< 25	ug/kg	5.6	19	1	9/21/99	8260B	CJR	1
m&p-Xylene	< 50	ug/kg	8.2	27	1	9/21/99	8260B	CJR	1
o-Xylene	< 25	ug/kg	2.5	8.4	1	9/21/99	8260B	CJR	1
Lab Code 5027012G						**Sample Type** Soil			
Sample ID GP-12 7-9'						**Sample Date** 9/3/99			
Inorganic									
General									
Solids Percent	90.4	%			1	9/8/99	5021	RMB	1
Total Organic Carbon	2200	mg/kg	190	610		9/21/99	9060	EEL	1 61
Organic									
VOC's									

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Analyte	Result	Units	LOD	LOQ	Dil	Run Date	Method	Analyst	QC Code
Lab Code 5027012G						**Sample Type** Soil			
Sample ID GP-12 7-9'						**Sample Date** 9/3/99			
Benzene	< 25	ug/kg	6.2	21	1	9/21/99	8260B	CJR	1
Bromobenzene	< 25	ug/kg	4.3	14	1	9/21/99	8260B	CJR	1
Bromochloromethane	< 25	ug/kg	4.6	15	1	9/21/99	8260B	CJR	1
tert-Butylbenzene	< 25	ug/kg	6.5	22	1	9/21/99	8260B	CJR	1
sec-Butylbenzene	< 25	ug/kg	4.1	14	1	9/21/99	8260B	CJR	1
n-Butylbenzene	< 25	ug/kg	3.1	10	1	9/21/99	8260B	CJR	1
Carbon Tetrachloride	< 25	ug/kg	4	13	1	9/21/99	8260B	CJR	1
Chlorobenzene	< 25	ug/kg	5.3	18	1	9/21/99	8260B	CJR	1
Chloroethane	< 25	ug/kg	11	37	1	9/21/99	8260B	CJR	1
Chloroform	< 25	ug/kg	3.1	10	1	9/21/99	8260B	CJR	1
Chloromethane	< 25	ug/kg	6.9	23	1	9/21/99	8260B	CJR	1
2-Chlorotoluene	< 25	ug/kg	4.6	15	1	9/21/99	8260B	CJR	1
4-Chlorotoluene	< 25	ug/kg	4.4	15	1	9/21/99	8260B	CJR	1
1,2-Dibromo-3-chloropropane	< 25	ug/kg	11	37	1	9/21/99	8260B	CJR	1
Dibromochloromethane	< 25	ug/kg	5.4	18	1	9/21/99	8260B	CJR	1
1,4-Dichlorobenzene	< 25	ug/kg	4.4	15	1	9/21/99	8260B	CJR	1
1,3-Dichlorobenzene	< 25	ug/kg	4.4	15	1	9/21/99	8260B	CJR	1
1,2-Dichlorobenzene	< 25	ug/kg	3.6	12	1	9/21/99	8260B	CJR	1
Dichlorodifluoromethane	< 25	ug/kg	11	37	1	9/21/99	8260B	CJR	3 7
1,2-Dichloroethane	< 25	ug/kg	8.3	28	1	9/21/99	8260B	CJR	1
1,1-Dichloroethane	< 25	ug/kg	4.7	16	1	9/21/99	8260B	CJR	1
1,1-Dichloroethene	< 25	ug/kg	4.5	15	1	9/21/99	8260B	CJR	1
cis-1,2-Dichloroethene	< 25	ug/kg	5	17	1	9/21/99	8260B	CJR	1
trans-1,2-Dichloroethene	< 25	ug/kg	4.5	15	1	9/21/99	8260B	CJR	1
1,2-Dichloropropane	< 25	ug/kg	4.2	14	1	9/21/99	8260B	CJR	1
2,2-Dichloropropane	< 25	ug/kg	4	13	1	9/21/99	8260B	CJR	4
1,3-Dichloropropane	< 25	ug/kg	4.3	15	1	9/21/99	8260B	CJR	1
Di-isopropyl ether	< 25	ug/kg	3	10	1	9/21/99	8260B	CJR	1
EDB (1,2-Dibromoethane)	< 25	ug/kg	3.5	12	1	9/21/99	8260B	CJR	1
Ethylbenzene	< 25	ug/kg	4.4	15	1	9/21/99	8260B	CJR	1
Hexachlorobutadiene	< 25	ug/kg	7.5	25	1	9/21/99	8260B	CJR	1
Isopropylbenzene	< 25	ug/kg	5.2	17	1	9/21/99	8260B	CJR	1
p-Isopropyltoluene	< 25	ug/kg	3.1	10	1	9/21/99	8260B	CJR	1
Methylene chloride	< 25	ug/kg	11	35	1	9/21/99	8260B	CJR	1
MTBE	< 25	ug/kg	5.6	19	1	9/21/99	8260B	CJR	1
Naphthalene	< 25	ug/kg	4.2	14	1	9/21/99	8260B	CJR	1
n-Propylbenzene	< 25	ug/kg	4.5	15	1	9/21/99	8260B	CJR	1

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Analyte	Result	Units	LOD	LOQ	Dil	Run Date	Method	Analyst	QC Code
Lab Code 5027012G						**Sample Type** Soil			
Sample ID GP-12 7-9'						**Sample Date** 9/3/99			
1,1,2,2-Tetrachloroethane	< 25	ug/kg	3.4	11	1	9/21/99	8260B	CJR	1
Tetrachloroethene	620	ug/kg	6.1	21	1	9/21/99	8260B	CJR	1
Toluene	< 25	ug/kg	5.3	18	1	9/21/99	8260B	CJR	1
1,2,4-Trichlorobenzene	< 25	ug/kg	4.4	15	1	9/21/99	8260B	CJR	1
1,2,3-Trichlorobenzene	< 25	ug/kg	4	14	1	9/21/99	8260B	CJR	1
1,1,1-Trichloroethane	< 25	ug/kg	6.7	22	1	9/21/99	8260B	CJR	1
1,1,2-Trichloroethane	< 25	ug/kg	3.7	12	1	9/21/99	8260B	CJR	1
Trichloroethene	< 25	ug/kg	4.5	15	1	9/21/99	8260B	CJR	1
Trichlorofluoromethane	< 25	ug/kg	14	45	1	9/21/99	8260B	CJR	3 7
1,2,4-Trimethylbenzene	< 25	ug/kg	4.5	15	1	9/21/99	8260B	CJR	1
1,3,5-Trimethylbenzene	< 25	ug/kg	4.1	14	1	9/21/99	8260B	CJR	1
Vinyl Chloride	< 25	ug/kg	5.6	19	1	9/21/99	8260B	CJR	1
m&p-Xylene	< 50	ug/kg	8.2	27	1	9/21/99	8260B	CJR	1
o-Xylene	< 25	ug/kg	2.5	8.4	1	9/21/99	8260B	CJR	1
Lab Code 5027012H						**Sample Type** Soil			
Sample ID GP-13 7-9'						**Sample Date** 9/3/99			
Inorganic									
General									
Solids Percent	92.0	%			1	9/8/99	5021	RMB	1
Organic									
VOC's									
Benzene	< 25	ug/kg	6.2	21	1	9/21/99	8260B	CJR	1
Bromobenzene	< 25	ug/kg	4.3	14	1	9/21/99	8260B	CJR	1
Bromochloromethane	< 25	ug/kg	4.6	15	1	9/21/99	8260B	CJR	1
tert-Butylbenzene	< 25	ug/kg	6.5	22	1	9/21/99	8260B	CJR	1
sec-Butylbenzene	< 25	ug/kg	4.1	14	1	9/21/99	8260B	CJR	1
n-Butylbenzene	< 25	ug/kg	3.1	10	1	9/21/99	8260B	CJR	1
Carbon Tetrachloride	< 25	ug/kg	4	13	1	9/21/99	8260B	CJR	1
Chlorobenzene	< 25	ug/kg	5.3	18	1	9/21/99	8260B	CJR	1
Chloroethane	< 25	ug/kg	11	37	1	9/21/99	8260B	CJR	1
Chloroform	< 25	ug/kg	3.1	10	1	9/21/99	8260B	CJR	1
Chloromethane	< 25	ug/kg	6.9	23	1	9/21/99	8260B	CJR	1
2-Chlorotoluene	< 25	ug/kg	4.6	15	1	9/21/99	8260B	CJR	1
4-Chlorotoluene	< 25	ug/kg	4.4	15	1	9/21/99	8260B	CJR	1
1,2-Dibromo-3-chloropropane	< 25	ug/kg	11	37	1	9/21/99	8260B	CJR	1

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CEDARBURG WI 53012

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Analyte	Result	Units	LOD	LOQ	Dil	Run Date	Method	Analyst	QC Code
Lab Code 5027012H						**Sample Type** Soil			
Sample ID GP-13 7-9'						**Sample Date** 9/3/99			
Dibromochloromethane	< 25	ug/kg	5.4	18	1	9/21/99	8260B	CJR	1
1,4-Dichlorobenzene	< 25	ug/kg	4.4	15	1	9/21/99	8260B	CJR	1
1,3-Dichlorobenzene	< 25	ug/kg	4.4	15	1	9/21/99	8260B	CJR	1
1,2-Dichlorobenzene	< 25	ug/kg	3.6	12	1	9/21/99	8260B	CJR	1
Dichlorodifluoromethane	< 25	ug/kg	11	37	1	9/21/99	8260B	CJR	3 7
1,2-Dichloroethane	< 25	ug/kg	8.3	28	1	9/21/99	8260B	CJR	1
1,1-Dichloroethane	< 25	ug/kg	4.7	16	1	9/21/99	8260B	CJR	1
1,1-Dichloroethene	< 25	ug/kg	4.5	15	1	9/21/99	8260B	CJR	1
cis-1,2-Dichloroethene	< 25	ug/kg	5	17	1	9/21/99	8260B	CJR	1
trans-1,2-Dichloroethene	< 25	ug/kg	4.5	15	1	9/21/99	8260B	CJR	1
1,2-Dichloropropane	< 25	ug/kg	4.2	14	1	9/21/99	8260B	CJR	1
2,2-Dichloropropane	< 25	ug/kg	4	13	1	9/21/99	8260B	CJR	4
1,3-Dichloropropane	< 25	ug/kg	4.3	15	1	9/21/99	8260B	CJR	1
Di-isopropyl ether	< 25	ug/kg	3	10	1	9/21/99	8260B	CJR	1
EDB (1,2-Dibromoethane)	< 25	ug/kg	3.5	12	1	9/21/99	8260B	CJR	1
Ethylbenzene	< 25	ug/kg	4.4	15	1	9/21/99	8260B	CJR	1
Hexachlorobutadiene	< 25	ug/kg	7.5	25	1	9/21/99	8260B	CJR	1
Isopropylbenzene	< 25	ug/kg	5.2	17	1	9/21/99	8260B	CJR	1
p-Isopropyltoluene	< 25	ug/kg	3.1	10	1	9/21/99	8260B	CJR	1
Methylene chloride	< 25	ug/kg	11	35	1	9/21/99	8260B	CJR	1
MTBE	< 25	ug/kg	5.6	19	1	9/21/99	8260B	CJR	1
Naphthalene	< 25	ug/kg	4.2	14	1	9/21/99	8260B	CJR	1
n-Propylbenzene	< 25	ug/kg	4.5	15	1	9/21/99	8260B	CJR	1
1,1,2,2-Tetrachloroethane	< 25	ug/kg	3.4	11	1	9/21/99	8260B	CJR	1
Tetrachloroethene	60	ug/kg	6.1	21	1	9/21/99	8260B	CJR	1
Toluene	< 25	ug/kg	5.3	18	1	9/21/99	8260B	CJR	1
1,2,4-Trichlorobenzene	< 25	ug/kg	4.4	15	1	9/21/99	8260B	CJR	1
1,2,3-Trichlorobenzene	< 25	ug/kg	4	14	1	9/21/99	8260B	CJR	1
1,1,1-Trichloroethane	< 25	ug/kg	6.7	22	1	9/21/99	8260B	CJR	1
1,1,2-Trichloroethane	< 25	ug/kg	3.7	12	1	9/21/99	8260B	CJR	1
Trichloroethene	< 25	ug/kg	4.5	15	1	9/21/99	8260B	CJR	1
Trichlorofluoromethane	< 25	ug/kg	14	45	1	9/21/99	8260B	CJR	3 7
1,2,4-Trimethylbenzene	< 25	ug/kg	4.5	15	1	9/21/99	8260B	CJR	1
1,3,5-Trimethylbenzene	< 25	ug/kg	4.1	14	1	9/21/99	8260B	CJR	1
Vinyl Chloride	< 25	ug/kg	5.6	19	1	9/21/99	8260B	CJR	1
m&p-Xylene	< 50	ug/kg	8.2	27	1	9/21/99	8260B	CJR	1
o-Xylene	< 25	ug/kg	2.5	8.4	1	9/21/99	8260B	CJR	1

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CEDARBURG WI 53012

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Invoice # E27012

Report Date *30-Sep-99*

Analyte	Result	Units	LOD	LOQ	Dil	Run Date	Method	Analyst	QC Code
Lab Code 5027012I						**Sample Type** Soil			
Sample ID BLANK						**Sample Date** 9/3/99			
Organic									
VOC's									
Benzene	< 25	ug/kg	6.2	21	1	9/21/99	8260B	CJR	1
Bromobenzene	< 25	ug/kg	4.3	14	1	9/21/99	8260B	CJR	1
Bromochloromethane	< 25	ug/kg	4.6	15	1	9/21/99	8260B	CJR	1
tert-Butylbenzene	< 25	ug/kg	6.5	22	1	9/21/99	8260B	CJR	1
sec-Butylbenzene	< 25	ug/kg	4.1	14	1	9/21/99	8260B	CJR	1
n-Butylbenzene	< 25	ug/kg	3.1	10	1	9/21/99	8260B	CJR	1
Carbon Tetrachloride	< 25	ug/kg	4	13	1	9/21/99	8260B	CJR	1
Chlorobenzene	< 25	ug/kg	5.3	18	1	9/21/99	8260B	CJR	1
Chloroethane	< 25	ug/kg	11	37	1	9/21/99	8260B	CJR	1
Chloroform	< 25	ug/kg	3.1	10	1	9/21/99	8260B	CJR	1
Chloromethane	< 25	ug/kg	6.9	23	1	9/21/99	8260B	CJR	1
2-Chlorotoluene	< 25	ug/kg	4.6	15	1	9/21/99	8260B	CJR	1
4-Chlorotoluene	< 25	ug/kg	4.4	15	1	9/21/99	8260B	CJR	1
1,2-Dibromo-3-chloropropane	< 25	ug/kg	11	37	1	9/21/99	8260B	CJR	1
Dibromochloromethane	< 25	ug/kg	5.4	18	1	9/21/99	8260B	CJR	1
1,4-Dichlorobenzene	< 25	ug/kg	4.4	15	1	9/21/99	8260B	CJR	1
1,3-Dichlorobenzene	< 25	ug/kg	4.4	15	1	9/21/99	8260B	CJR	1
1,2-Dichlorobenzene	< 25	ug/kg	3.6	12	1	9/21/99	8260B	CJR	1
Dichlorodifluoromethane	< 25	ug/kg	11	37	1	9/21/99	8260B	CJR	3 7
1,2-Dichloroethane	< 25	ug/kg	8.3	28	1	9/21/99	8260B	CJR	1
1,1-Dichloroethane	< 25	ug/kg	4.7	16	1	9/21/99	8260B	CJR	1
1,1-Dichloroethene	< 25	ug/kg	4.5	15	1	9/21/99	8260B	CJR	1
cis-1,2-Dichloroethene	< 25	ug/kg	5	17	1	9/21/99	8260B	CJR	1
trans-1,2-Dichloroethene	< 25	ug/kg	4.5	15	1	9/21/99	8260B	CJR	1
1,2-Dichloropropane	< 25	ug/kg	4.2	14	1	9/21/99	8260B	CJR	1
2,2-Dichloropropane	< 25	ug/kg	4	13	1	9/21/99	8260B	CJR	4
1,3-Dichloropropane	< 25	ug/kg	4.3	15	1	9/21/99	8260B	CJR	1
Di-isopropyl ether	< 25	ug/kg	3	10	1	9/21/99	8260B	CJR	1
EDB (1,2-Dibromoethane)	< 25	ug/kg	3.5	12	1	9/21/99	8260B	CJR	1
Ethylbenzene	< 25	ug/kg	4.4	15	1	9/21/99	8260B	CJR	1
Hexachlorobutadiene	< 25	ug/kg	7.5	25	1	9/21/99	8260B	CJR	1
Isopropylbenzene	< 25	ug/kg	5.2	17	1	9/21/99	8260B	CJR	1
p-Isopropyltoluene	< 25	ug/kg	3.1	10	1	9/21/99	8260B	CJR	1
Methylene chloride	< 25	ug/kg	11	35	1	9/21/99	8260B	CJR	1

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Report Date *30-Sep-99*

Analyte	Result	Units	LOD	LOQ	Dil	Run Date	Method	Analyst	QC Code
Lab Code 5027012I						**Sample Type** Soil			
Sample ID BLANK						**Sample Date** 9/3/99			
MTBE	< 25	ug/kg	5.6	19	1	9/21/99	8260B	CJR	1
Naphthalene	< 25	ug/kg	4.2	14	1	9/21/99	8260B	CJR	1
n-Propylbenzene	< 25	ug/kg	4.5	15	1	9/21/99	8260B	CJR	1
1,1,2,2-Tetrachloroethane	< 25	ug/kg	3.4	11	1	9/21/99	8260B	CJR	1
Tetrachloroethene	< 25	ug/kg	6.1	21	1	9/21/99	8260B	CJR	1
Toluene	< 25	ug/kg	5.3	18	1	9/21/99	8260B	CJR	1
1,2,4-Trichlorobenzene	< 25	ug/kg	4.4	15	1	9/21/99	8260B	CJR	1
1,2,3-Trichlorobenzene	< 25	ug/kg	4	14	1	9/21/99	8260B	CJR	1
1,1,1-Trichloroethane	< 25	ug/kg	6.7	22	1	9/21/99	8260B	CJR	1
1,1,2-Trichloroethane	< 25	ug/kg	3.7	12	1	9/21/99	8260B	CJR	1
Trichloroethene	< 25	ug/kg	4.5	15	1	9/21/99	8260B	CJR	1
Trichlorofluoromethane	< 25	ug/kg	14	45	1	9/21/99	8260B	CJR	3 7
1,2,4-Trimethylbenzene	< 25	ug/kg	4.5	15	1	9/21/99	8260B	CJR	1
1,3,5-Trimethylbenzene	< 25	ug/kg	4.1	14	1	9/21/99	8260B	CJR	1
Vinyl Chloride	< 25	ug/kg	5.6	19	1	9/21/99	8260B	CJR	1
m&p-Xylene	< 50	ug/kg	8.2	27	1	9/21/99	8260B	CJR	1
o-Xylene	< 25	ug/kg	2.5	8.4	1	9/21/99	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.
61	Analysis performed by sub contract lab.

Authorized Signature

CHAIN OF CUSTODY RECORD

Rev. Date: 12-17-98

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

Chain # № 16822

Page 1 of 1

Lab I.D. # 5027012

Account No. : Quote No.: 4234

Project #: 0702007

Sampler: (signature) CURT HOFFART

Sample Integrity - To be completed by receiving lab.
Method of Shipment : Car Temp. of Temp. Blank. ___ °C On Ice: ✓
Cooler seal intact upon receipt: ✓ Yes ___ No Labcoded By: ___

Project (Name / Location): OCONOMOWOC SHOPPING CENTER ANNEX

Reports To: CURT HOFFART Invoice To: ACCOUNTING

Company KEY ENGINEERING GROUP Company

Address 466 N 215 COMMERCE CT. Address

City State Zip CEDARBURG, WI 53012 City State Zip

Phone 414-375-4750 Phone

Sample Handling Request

___ Rush Analysis
Date Required ___

X Normal Turn Around

Analysis Requested

Lab I.D.	Sample I.D.	Collection Date	Collection 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)	O&G (EPA 413.1)	PAH (EPA 8310)	Pb	Flash Point	Other Analysis: TOC					PID/ FID
5027012 A	GP-8 2'-4'	9/3/99	8:15 AM	2 - 20z/cup	S	MeOH						X										<1
B	GP-8 8'-10'	9/3/99	8:20 AM	"	S	MeOH						X										<1
C	GP-9 4'-6'	9/3/99	9:00 AM	3 - 12-20z/cup	S	MeOH						X					X					<1
D	GP-10 2'-4'	9/3/99	9:45 AM	"	S	MeOH						X					X					<1
E	GP-10 8'-10'	9/3/99	10:15 AM	2 - 20z/cup	S	MeOH						X										<1
F	GP-11 5'-7'	9/3/99	1:00 PM	"	S	MeOH						X										<1
G	GP-12 7'-9'	9/3/99	2:00 PM	3 - 2-20z/cup	S	MeOH						X					X					<1
H	GP-13 7'-9'	9/3/99	3:00 PM	2 - 20z/cup	S	MeOH						X										<1
I	BLANK	9/3/99	1:00 PM	1 - 20z		MeOH						X										

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)	Time	Date	Received By: (sign)	Time	Date
	PM	9/3/99		PM	9/3/99
	9/7/99	10:15AM	USAL	10:15	9-7-99
	4:00	9-7-99			

Received in Laboratory By: ___ Time: 4:00 Date: 9/7/99

ATTACHMENT 4

KEY ENGINEERING GROUP, LTD.

W66 N215 Commerce Court
Cedarburg, Wisconsin 53012
Phone No. (414) 375-4750
Fax No. (414) 375-9680

ANALYTICAL DATA CHECK-IN FORM

KEY Project Name: DEBORAH STRONG CENTER ANNEX KEY Project No.: 070207

Project Manager: CURT HOFFART

Lab Name: U.S. ANALYTICAL LAB Lab Project No.: 502743Y

Sample Matrix: Soil ☐ Water ☒ Other: _____

Soil Sample IDs:

Water Sample IDs:

MW-1	P-2
MW-2	DUP
MW-3	TRIP
MW-4	FIELD
MW-5	
MW-6	
P-1	

Do the following items correspond to the chain of custody document:

Project Name and Number:	Yes ☒	No ☐
Date of Collection:	Yes ☒	No ☐
Sample ID Number(s):	Yes ☒	No ☐
Sample Type (Matrix):	Yes ☒	No ☐
Analysis Type and Method No.:	Yes ☒	No ☐
Correct Units per Method:	Yes ☒	No ☐

Compare each sample date of collection to lab sheet extraction and analysis date. Have appropriate holding times for each method been met? Yes ☒ No ☐

Is the chain of custody properly completed? Yes ☒ No ☐

Comments: _____

Data Check-in Performed by: _____ Date: 10/28/99

Note: This form is to be completed for each lab submittal and attached to the original lab data.

U.S. Analytical Lab

CURT HOFFART
KEY ENGINEERING
W66N215 COMMERCE COURT
CEDARBURG WI 53012

Project # 0702007
Project Name DECORAH ANNEX
Invoice # E27434

Report Date *25-Oct-99*

Analyte	Result	Units	LOD	LOQ	Dil	Run Date	Method	Analyst	QC Code
Lab Code 5027434A						**Sample Type** Water			
Sample ID MW1						**Sample Date** 10/8/99			
Organic									
VOC's									
Benzene	< 0.25	ug/l	0.25	0.85	1	10/13/99	8260B	CJR	1
Bromobenzene	< 0.23	ug/l	0.23	0.77	1	10/13/99	8260B	CJR	1
Bromochloromethane	< 0.22	ug/l	0.22	0.73	1	10/13/99	8260B	CJR	1
tert-Butylbenzene	< 0.4	ug/l	0.4	1.3	1	10/13/99	8260B	CJR	1
sec-Butylbenzene	< 0.37	ug/l	0.37	1.2	1	10/13/99	8260B	CJR	1
n-Butylbenzene	< 0.43	ug/l	0.43	1.4	1	10/13/99	8260B	CJR	1
Carbon Tetrachloride	< 0.48	ug/l	0.48	1.6	1	10/13/99	8260B	CJR	2
Chlorobenzene	< 0.26	ug/l	0.26	0.87	1	10/13/99	8260B	CJR	1
Chloroethane	< 0.15	ug/l	0.15	0.51	1	10/13/99	8260B	CJR	1
Chloroform	< 0.26	ug/l	0.26	0.87	1	10/13/99	8260B	CJR	1
Chloromethane	< 0.29	ug/l	0.29	1	1	10/13/99	8260B	CJR	1
2-Chlorotoluene	< 0.31	ug/l	0.31	1	1	10/13/99	8260B	CJR	7
4-Chlorotoluene	< 0.27	ug/l	0.27	0.91	1	10/13/99	8260B	CJR	1
1,2-Dibromo-3-chloropropane	< 0.51	ug/l	0.51	1.7	1	10/13/99	8260B	CJR	1
Dibromochloromethane	< 0.31	ug/l	0.31	1	1	10/13/99	8260B	CJR	1
1,4-Dichlorobenzene	< 0.26	ug/l	0.26	0.87	1	10/13/99	8260B	CJR	1
1,3-Dichlorobenzene	< 0.34	ug/l	0.34	1.1	1	10/13/99	8260B	CJR	1
1,2-Dichlorobenzene	< 0.28	ug/l	0.28	0.93	1	10/13/99	8260B	CJR	1
Dichlorodifluoromethane	< 0.54	ug/l	0.54	1.8	1	10/13/99	8260B	CJR	1
1,2-Dichloroethane	< 0.14	ug/l	0.14	0.48	1	10/13/99	8260B	CJR	1
1,1-Dichloroethane	< 0.32	ug/l	0.32	1.1	1	10/13/99	8260B	CJR	1
1,1-Dichloroethene	< 0.61	ug/l	0.61	2	1	10/13/99	8260B	CJR	1
cis-1,2-Dichloroethene	< 0.34	ug/l	0.34	1.1	1	10/13/99	8260B	CJR	1
trans-1,2-Dichloroethene	< 0.46	ug/l	0.46	1.5	1	10/13/99	8260B	CJR	1
1,2-Dichloropropane	< 0.26	ug/l	0.26	0.86	1	10/13/99	8260B	CJR	1
2,2-Dichloropropane	< 0.53	ug/l	0.53	1.8	1	10/13/99	8260B	CJR	2
1,3-Dichloropropane	< 0.23	ug/l	0.23	0.76	1	10/13/99	8260B	CJR	1
Di-isopropyl ether	< 0.21	ug/l	0.21	0.69	1	10/13/99	8260B	CJR	1
EDB (1,2-Dibromoethane)	< 0.24	ug/l	0.24	0.82	1	10/13/99	8260B	CJR	1
Ethylbenzene	< 0.32	ug/l	0.32	1.1	1	10/13/99	8260B	CJR	1
Hexachlorobutadiene	< 0.33	ug/l	0.33	1.1	1	10/13/99	8260B	CJR	1
Isopropylbenzene	< 0.33	ug/l	0.33	1.1	1	10/13/99	8260B	CJR	1
p-Isopropyltoluene	< 0.34	ug/l	0.34	1.1	1	10/13/99	8260B	CJR	1
Methylene chloride	< 1	ug/l	1	3.3	1	10/13/99	8260B	CJR	1

CURT HOFFART
KEY ENGINEERING
W66N215 COMMERCE COURT
CEDARBURG WI 53012

Project # 0702007
Project Name DECORAH ANNEX
Invoice # E27434

Report Date *25-Oct-99*

Analyte	Result	Units	LOD	LOQ	Dil	Run Date	Method	Analyst	QC Code
Lab Code 5027434A						**Sample Type** Water			
Sample ID MW1						**Sample Date** 10/8/99			
MTBE	< 0.21	ug/l	0.21	0.69	1	10/13/99	8260B	CJR	1
Naphthalene	< 0.73	ug/l	0.73	2.4	1	10/13/99	8260B	CJR	1
n-Propylbenzene	< 0.36	ug/l	0.36	1.2	1	10/13/99	8260B	CJR	1
1,1,2,2-Tetrachloroethane	< 0.29	ug/l	0.29	1	1	10/13/99	8260B	CJR	3 4 7
Tetrachloroethene	< 0.56	ug/l	0.56	1.9	1	10/13/99	8260B	CJR	1
Toluene	< 0.38	ug/l	0.38	1.3	1	10/13/99	8260B	CJR	1
1,2,4-Trichlorobenzene	< 0.17	ug/l	0.17	0.57	1	10/13/99	8260B	CJR	1
1,2,3-Trichlorobenzene	< 0.16	ug/l	0.16	0.54	1	10/13/99	8260B	CJR	1
1,1,1-Trichloroethane	< 0.35	ug/l	0.35	1.2	1	10/13/99	8260B	CJR	1
1,1,2-Trichloroethane	< 0.2	ug/l	0.2	0.66	1	10/13/99	8260B	CJR	1
Trichloroethene	< 0.39	ug/l	0.39	1.3	1	10/13/99	8260B	CJR	1
Trichlorofluoromethane	< 0.52	ug/l	0.52	1.7	1	10/13/99	8260B	CJR	1
1,2,4-Trimethylbenzene	< 0.34	ug/l	0.34	1.1	1	10/13/99	8260B	CJR	1
1,3,5-Trimethylbenzene	< 0.36	ug/l	0.36	1.2	1	10/13/99	8260B	CJR	1
Vinyl Chloride	< 0.32	ug/l	0.32	1.1	1	10/13/99	8260B	CJR	1
m&p-Xylene	< 0.67	ug/l	0.67	2.2	1	10/13/99	8260B	CJR	1
o-Xylene	< 0.37	ug/l	0.37	1.2	1	10/13/99	8260B	CJR	1
Lab Code 5027434B						**Sample Type** Water			
Sample ID MW2						**Sample Date** 10/8/99			
Organic									
VOC's									
Benzene	< 0.25	ug/l	0.25	0.85	1	10/13/99	8260B	CJR	1
Bromobenzene	< 0.23	ug/l	0.23	0.77	1	10/13/99	8260B	CJR	1
Bromochloromethane	< 0.22	ug/l	0.22	0.73	1	10/13/99	8260B	CJR	1
tert-Butylbenzene	< 0.4	ug/l	0.4	1.3	1	10/13/99	8260B	CJR	1
sec-Butylbenzene	< 0.37	ug/l	0.37	1.2	1	10/13/99	8260B	CJR	1
n-Butylbenzene	< 0.43	ug/l	0.43	1.4	1	10/13/99	8260B	CJR	1
Carbon Tetrachloride	< 0.48	ug/l	0.48	1.6	1	10/13/99	8260B	CJR	2
Chlorobenzene	< 0.26	ug/l	0.26	0.87	1	10/13/99	8260B	CJR	1
Chloroethane	< 0.15	ug/l	0.15	0.51	1	10/13/99	8260B	CJR	1
Chloroform	< 0.26	ug/l	0.26	0.87	1	10/13/99	8260B	CJR	1
Chloromethane	< 0.29	ug/l	0.29	1	1	10/13/99	8260B	CJR	1
2-Chlorotoluene	< 0.31	ug/l	0.31	1	1	10/13/99	8260B	CJR	7
4-Chlorotoluene	< 0.27	ug/l	0.27	0.91	1	10/13/99	8260B	CJR	1
1,2-Dibromo-3-chloropropane	< 0.51	ug/l	0.51	1.7	1	10/13/99	8260B	CJR	1

CURT HOFFART
KEY ENGINEERING
W66N215 COMMERCE COURT
CEDARBURG WI 53012

Project # 0702007
Project Name DECORAH ANNEX
Invoice # E27434

Report Date *25-Oct-99*

Analyte	Result	Units	LOD	LOQ	Dil	Run Date	Method	Analyst	QC Code
Lab Code 5027434B						**Sample Type** Water			
Sample ID MW2						**Sample Date** 10/8/99			
Dibromochloromethane	< 0.31	ug/l	0.31	1	1	10/13/99	8260B	CJR	1
1,4-Dichlorobenzene	< 0.26	ug/l	0.26	0.87	1	10/13/99	8260B	CJR	1
1,3-Dichlorobenzene	< 0.34	ug/l	0.34	1.1	1	10/13/99	8260B	CJR	1
1,2-Dichlorobenzene	< 0.28	ug/l	0.28	0.93	1	10/13/99	8260B	CJR	1
Dichlorodifluoromethane	< 0.54	ug/l	0.54	1.8	1	10/13/99	8260B	CJR	1
1,2-Dichloroethane	< 0.14	ug/l	0.14	0.48	1	10/13/99	8260B	CJR	1
1,1-Dichloroethane	< 0.32	ug/l	0.32	1.1	1	10/13/99	8260B	CJR	1
1,1-Dichloroethene	< 0.61	ug/l	0.61	2	1	10/13/99	8260B	CJR	1
cis-1,2-Dichloroethene	< 0.34	ug/l	0.34	1.1	1	10/13/99	8260B	CJR	1
trans-1,2-Dichloroethene	< 0.46	ug/l	0.46	1.5	1	10/13/99	8260B	CJR	1
1,2-Dichloropropane	< 0.26	ug/l	0.26	0.86	1	10/13/99	8260B	CJR	1
2,2-Dichloropropane	< 0.53	ug/l	0.53	1.8	1	10/13/99	8260B	CJR	2
1,3-Dichloropropane	< 0.23	ug/l	0.23	0.76	1	10/13/99	8260B	CJR	1
Di-isopropyl ether	< 0.21	ug/l	0.21	0.69	1	10/13/99	8260B	CJR	1
EDB (1,2-Dibromoethane)	< 0.24	ug/l	0.24	0.82	1	10/13/99	8260B	CJR	1
Ethylbenzene	< 0.32	ug/l	0.32	1.1	1	10/13/99	8260B	CJR	1
Hexachlorobutadiene	< 0.33	ug/l	0.33	1.1	1	10/13/99	8260B	CJR	1
Isopropylbenzene	< 0.33	ug/l	0.33	1.1	1	10/13/99	8260B	CJR	1
p-Isopropyltoluene	< 0.34	ug/l	0.34	1.1	1	10/13/99	8260B	CJR	1
Methylene chloride	< 1	ug/l	1	3.3	1	10/13/99	8260B	CJR	1
MTBE	< 0.21	ug/l	0.21	0.69	1	10/13/99	8260B	CJR	1
Naphthalene	< 0.73	ug/l	0.73	2.4	1	10/13/99	8260B	CJR	1
n-Propylbenzene	< 0.36	ug/l	0.36	1.2	1	10/13/99	8260B	CJR	1
1,1,2,2-Tetrachloroethane	< 0.29	ug/l	0.29	1	1	10/13/99	8260B	CJR	3 4 7
Tetrachloroethene	< 0.56	ug/l	0.56	1.9	1	10/13/99	8260B	CJR	1
Toluene	< 0.38	ug/l	0.38	1.3	1	10/13/99	8260B	CJR	1
1,2,4-Trichlorobenzene	< 0.17	ug/l	0.17	0.57	1	10/13/99	8260B	CJR	1
1,2,3-Trichlorobenzene	< 0.16	ug/l	0.16	0.54	1	10/13/99	8260B	CJR	1
1,1,1-Trichloroethane	< 0.35	ug/l	0.35	1.2	1	10/13/99	8260B	CJR	1
1,1,2-Trichloroethane	< 0.2	ug/l	0.2	0.66	1	10/13/99	8260B	CJR	1
Trichloroethene	< 0.39	ug/l	0.39	1.3	1	10/13/99	8260B	CJR	1
Trichlorofluoromethane	< 0.52	ug/l	0.52	1.7	1	10/13/99	8260B	CJR	1
1,2,4-Trimethylbenzene	< 0.34	ug/l	0.34	1.1	1	10/13/99	8260B	CJR	1
1,3,5-Trimethylbenzene	< 0.36	ug/l	0.36	1.2	1	10/13/99	8260B	CJR	1
Vinyl Chloride	< 0.32	ug/l	0.32	1.1	1	10/13/99	8260B	CJR	1
m&p-Xylene	< 0.67	ug/l	0.67	2.2	1	10/13/99	8260B	CJR	1
o-Xylene	< 0.37	ug/l	0.37	1.2	1	10/13/99	8260B	CJR	1

U.S. Analytical Lab

CURT HOFFART
KEY ENGINEERING
W66N215 COMMERCE COURT
CEDARBURG WI 53012

Project # 0702007
Project Name DECORAH ANNEX
Invoice # E27434

Report Date *25-Oct-99*

Analyte	Result	Units	LOD	LOQ	Dil	Run Date	Method	Analyst	QC Code
Lab Code 5027434C						**Sample Type** Water			
Sample ID MW3						**Sample Date** 10/8/99			
Organic									
VOC's									
Benzene	< 0.25	ug/l	0.25	0.85	1	10/13/99	8260B	CJR	1
Bromobenzene	< 0.23	ug/l	0.23	0.77	1	10/13/99	8260B	CJR	1
Bromochloromethane	< 0.22	ug/l	0.22	0.73	1	10/13/99	8260B	CJR	1
tert-Butylbenzene	< 0.4	ug/l	0.4	1.3	1	10/13/99	8260B	CJR	1
sec-Butylbenzene	< 0.37	ug/l	0.37	1.2	1	10/13/99	8260B	CJR	1
n-Butylbenzene	< 0.43	ug/l	0.43	1.4	1	10/13/99	8260B	CJR	1
Carbon Tetrachloride	< 0.48	ug/l	0.48	1.6	1	10/13/99	8260B	CJR	2
Chlorobenzene	< 0.26	ug/l	0.26	0.87	1	10/13/99	8260B	CJR	1
Chloroethane	< 0.15	ug/l	0.15	0.51	1	10/13/99	8260B	CJR	1
Chloroform	< 0.26	ug/l	0.26	0.87	1	10/13/99	8260B	CJR	1
Chloromethane	< 0.29	ug/l	0.29	1	1	10/13/99	8260B	CJR	1
2-Chlorotoluene	< 0.31	ug/l	0.31	1	1	10/13/99	8260B	CJR	7
4-Chlorotoluene	< 0.27	ug/l	0.27	0.91	1	10/13/99	8260B	CJR	1
1,2-Dibromo-3-chloropropane	< 0.51	ug/l	0.51	1.7	1	10/13/99	8260B	CJR	1
Dibromochloromethane	< 0.31	ug/l	0.31	1	1	10/13/99	8260B	CJR	1
1,4-Dichlorobenzene	< 0.26	ug/l	0.26	0.87	1	10/13/99	8260B	CJR	1
1,3-Dichlorobenzene	< 0.34	ug/l	0.34	1.1	1	10/13/99	8260B	CJR	1
1,2-Dichlorobenzene	< 0.28	ug/l	0.28	0.93	1	10/13/99	8260B	CJR	1
Dichlorodifluoromethane	< 0.54	ug/l	0.54	1.8	1	10/13/99	8260B	CJR	1
1,2-Dichloroethane	< 0.14	ug/l	0.14	0.48	1	10/13/99	8260B	CJR	1
1,1-Dichloroethane	< 0.32	ug/l	0.32	1.1	1	10/13/99	8260B	CJR	1
1,1-Dichloroethene	< 0.61	ug/l	0.61	2	1	10/13/99	8260B	CJR	1
cis-1,2-Dichloroethene	< 0.34	ug/l	0.34	1.1	1	10/13/99	8260B	CJR	1
trans-1,2-Dichloroethene	< 0.46	ug/l	0.46	1.5	1	10/13/99	8260B	CJR	1
1,2-Dichloropropane	< 0.26	ug/l	0.26	0.86	1	10/13/99	8260B	CJR	1
2,2-Dichloropropane	< 0.53	ug/l	0.53	1.8	1	10/13/99	8260B	CJR	2
1,3-Dichloropropane	< 0.23	ug/l	0.23	0.76	1	10/13/99	8260B	CJR	1
Di-isopropyl ether	< 0.21	ug/l	0.21	0.69	1	10/13/99	8260B	CJR	1
EDB (1,2-Dibromoethane)	< 0.24	ug/l	0.24	0.82	1	10/13/99	8260B	CJR	1
Ethylbenzene	< 0.32	ug/l	0.32	1.1	1	10/13/99	8260B	CJR	1
Hexachlorobutadiene	< 0.33	ug/l	0.33	1.1	1	10/13/99	8260B	CJR	1
Isopropylbenzene	< 0.33	ug/l	0.33	1.1	1	10/13/99	8260B	CJR	1
p-Isopropyltoluene	< 0.34	ug/l	0.34	1.1	1	10/13/99	8260B	CJR	1
Methylene chloride	< 1	ug/l	1	3.3	1	10/13/99	8260B	CJR	1

CURT HOFFART
KEY ENGINEERING
W66N215 COMMERCE COURT
CEDARBURG WI 53012

Project # 0702007
Project Name DECORAH ANNEX
Invoice # E27434

Report Date *25-Oct-99*

Analyte	Result	Units	LOD	LOQ	Dil	Run Date	Method	Analyst	QC Code
Lab Code 5027434C						**Sample Type** Water			
Sample ID MW3						**Sample Date** 10/8/99			
MTBE	< 0.21	ug/l	0.21	0.69	1	10/13/99	8260B	CJR	1
Naphthalene	< 0.73	ug/l	0.73	2.4	1	10/13/99	8260B	CJR	1
n-Propylbenzene	< 0.36	ug/l	0.36	1.2	1	10/13/99	8260B	CJR	1
1,1,2,2-Tetrachloroethane	< 0.29	ug/l	0.29	1	1	10/13/99	8260B	CJR	3 4 7
Tetrachloroethene	1.3 "J"	ug/l	0.56	1.9	1	10/13/99	8260B	CJR	1
Toluene	< 0.38	ug/l	0.38	1.3	1	10/13/99	8260B	CJR	1
1,2,4-Trichlorobenzene	< 0.17	ug/l	0.17	0.57	1	10/13/99	8260B	CJR	1
1,2,3-Trichlorobenzene	< 0.16	ug/l	0.16	0.54	1	10/13/99	8260B	CJR	1
1,1,1-Trichloroethane	< 0.35	ug/l	0.35	1.2	1	10/13/99	8260B	CJR	1
1,1,2-Trichloroethane	< 0.2	ug/l	0.2	0.66	1	10/13/99	8260B	CJR	1
Trichloroethene	< 0.39	ug/l	0.39	1.3	1	10/13/99	8260B	CJR	1
Trichlorofluoromethane	< 0.52	ug/l	0.52	1.7	1	10/13/99	8260B	CJR	1
1,2,4-Trimethylbenzene	< 0.34	ug/l	0.34	1.1	1	10/13/99	8260B	CJR	1
1,3,5-Trimethylbenzene	< 0.36	ug/l	0.36	1.2	1	10/13/99	8260B	CJR	1
Vinyl Chloride	< 0.32	ug/l	0.32	1.1	1	10/13/99	8260B	CJR	1
m&p-Xylene	< 0.67	ug/l	0.67	2.2	1	10/13/99	8260B	CJR	1
o-Xylene	< 0.37	ug/l	0.37	1.2	1	10/13/99	8260B	CJR	1
Lab Code 5027434D						**Sample Type** Water			
Sample ID MW4						**Sample Date** 10/8/99			
Organic									
VOC's									
Benzene	< 0.25	ug/l	0.25	0.85	1	10/13/99	8260B	CJR	1
Bromobenzene	< 0.23	ug/l	0.23	0.77	1	10/13/99	8260B	CJR	1
Bromochloromethane	< 0.22	ug/l	0.22	0.73	1	10/13/99	8260B	CJR	1
tert-Butylbenzene	< 0.4	ug/l	0.4	1.3	1	10/13/99	8260B	CJR	1
sec-Butylbenzene	< 0.37	ug/l	0.37	1.2	1	10/13/99	8260B	CJR	1
n-Butylbenzene	< 0.43	ug/l	0.43	1.4	1	10/13/99	8260B	CJR	1
Carbon Tetrachloride	< 0.48	ug/l	0.48	1.6	1	10/13/99	8260B	CJR	2
Chlorobenzene	< 0.26	ug/l	0.26	0.87	1	10/13/99	8260B	CJR	1
Chloroethane	< 0.15	ug/l	0.15	0.51	1	10/13/99	8260B	CJR	1
Chloroform	< 0.26	ug/l	0.26	0.87	1	10/13/99	8260B	CJR	1
Chloromethane	< 0.29	ug/l	0.29	1	1	10/13/99	8260B	CJR	1
2-Chlorotoluene	< 0.31	ug/l	0.31	1	1	10/13/99	8260B	CJR	7
4-Chlorotoluene	< 0.27	ug/l	0.27	0.91	1	10/13/99	8260B	CJR	1
1,2-Dibromo-3-chloropropane	< 0.51	ug/l	0.51	1.7	1	10/13/99	8260B	CJR	1

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KEY ENGINEERING
W66N215 COMMERCE COURT
CEDARBURG WI 53012

Project # 0702007
Project Name DECORAH ANNEX
Invoice # E27434

Report Date *25-Oct-99*

Lab Code 5027434D **Sample Type** Water
Sample ID MW4 **Sample Date** 10/8/99

Analyte	Result	Units	LOD	LOQ	Dil	Run Date	Method	Analyst	QC Code
Dibromochloromethane	< 0.31	ug/l	0.31	1	1	10/13/99	8260B	CJR	1
1,4-Dichlorobenzene	< 0.26	ug/l	0.26	0.87	1	10/13/99	8260B	CJR	1
1,3-Dichlorobenzene	< 0.34	ug/l	0.34	1.1	1	10/13/99	8260B	CJR	1
1,2-Dichlorobenzene	< 0.28	ug/l	0.28	0.93	1	10/13/99	8260B	CJR	1
Dichlorodifluoromethane	< 0.54	ug/l	0.54	1.8	1	10/13/99	8260B	CJR	1
1,2-Dichloroethane	< 0.14	ug/l	0.14	0.48	1	10/13/99	8260B	CJR	1
1,1-Dichloroethane	< 0.32	ug/l	0.32	1.1	1	10/13/99	8260B	CJR	1
1,1-Dichloroethene	< 0.61	ug/l	0.61	2	1	10/13/99	8260B	CJR	1
cis-1,2-Dichloroethene	< 0.34	ug/l	0.34	1.1	1	10/13/99	8260B	CJR	1
trans-1,2-Dichloroethene	< 0.46	ug/l	0.46	1.5	1	10/13/99	8260B	CJR	1
1,2-Dichloropropane	< 0.26	ug/l	0.26	0.86	1	10/13/99	8260B	CJR	1
2,2-Dichloropropane	< 0.53	ug/l	0.53	1.8	1	10/13/99	8260B	CJR	2
1,3-Dichloropropane	< 0.23	ug/l	0.23	0.76	1	10/13/99	8260B	CJR	1
Di-isopropyl ether	< 0.21	ug/l	0.21	0.69	1	10/13/99	8260B	CJR	1
EDB (1,2-Dibromoethane)	< 0.24	ug/l	0.24	0.82	1	10/13/99	8260B	CJR	1
Ethylbenzene	< 0.32	ug/l	0.32	1.1	1	10/13/99	8260B	CJR	1
Hexachlorobutadiene	< 0.33	ug/l	0.33	1.1	1	10/13/99	8260B	CJR	1
Isopropylbenzene	< 0.33	ug/l	0.33	1.1	1	10/13/99	8260B	CJR	1
p-Isopropyltoluene	< 0.34	ug/l	0.34	1.1	1	10/13/99	8260B	CJR	1
Methylene chloride	< 1	ug/l	1	3.3	1	10/13/99	8260B	CJR	1
MTBE	< 0.21	ug/l	0.21	0.69	1	10/13/99	8260B	CJR	1
Naphthalene	< 0.73	ug/l	0.73	2.4	1	10/13/99	8260B	CJR	1
n-Propylbenzene	< 0.36	ug/l	0.36	1.2	1	10/13/99	8260B	CJR	1
1,1,2,2-Tetrachloroethane	< 0.29	ug/l	0.29	1	1	10/13/99	8260B	CJR	3 4 7
Tetrachloroethene	< 0.56	ug/l	0.56	1.9	1	10/13/99	8260B	CJR	1
Toluene	< 0.38	ug/l	0.38	1.3	1	10/13/99	8260B	CJR	1
1,2,4-Trichlorobenzene	< 0.17	ug/l	0.17	0.57	1	10/13/99	8260B	CJR	1
1,2,3-Trichlorobenzene	< 0.16	ug/l	0.16	0.54	1	10/13/99	8260B	CJR	1
1,1,1-Trichloroethane	< 0.35	ug/l	0.35	1.2	1	10/13/99	8260B	CJR	1
1,1,2-Trichloroethane	< 0.2	ug/l	0.2	0.66	1	10/13/99	8260B	CJR	1
Trichloroethene	< 0.39	ug/l	0.39	1.3	1	10/13/99	8260B	CJR	1
Trichlorofluoromethane	< 0.52	ug/l	0.52	1.7	1	10/13/99	8260B	CJR	1
1,2,4-Trimethylbenzene	< 0.34	ug/l	0.34	1.1	1	10/13/99	8260B	CJR	1
1,3,5-Trimethylbenzene	< 0.36	ug/l	0.36	1.2	1	10/13/99	8260B	CJR	1
Vinyl Chloride	< 0.32	ug/l	0.32	1.1	1	10/13/99	8260B	CJR	1
m&p-Xylene	< 0.67	ug/l	0.67	2.2	1	10/13/99	8260B	CJR	1
o-Xylene	< 0.37	ug/l	0.37	1.2	1	10/13/99	8260B	CJR	1

U.S. Analytical Lab

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KEY ENGINEERING
W66N215 COMMERCE COURT
CEDARBURG WI 53012

Project # 0702007
Project Name DECORAH ANNEX
Invoice # E27434

Report Date *25-Oct-99*

Analyte	Result	Units	LOD	LOQ	Dil	Run Date	Method	Analyst	QC Code
Lab Code 5027434E						**Sample Type** Water			
Sample ID MW5						**Sample Date** 10/8/99			
Organic									
VOC's									
Benzene	< 0.25	ug/l	0.25	0.85	1	10/13/99	8260B	CJR	1
Bromobenzene	< 0.23	ug/l	0.23	0.77	1	10/13/99	8260B	CJR	1
Bromochloromethane	< 0.22	ug/l	0.22	0.73	1	10/13/99	8260B	CJR	1
tert-Butylbenzene	< 0.4	ug/l	0.4	1.3	1	10/13/99	8260B	CJR	1
sec-Butylbenzene	< 0.37	ug/l	0.37	1.2	1	10/13/99	8260B	CJR	1
n-Butylbenzene	< 0.43	ug/l	0.43	1.4	1	10/13/99	8260B	CJR	1
Carbon Tetrachloride	< 0.48	ug/l	0.48	1.6	1	10/13/99	8260B	CJR	2
Chlorobenzene	< 0.26	ug/l	0.26	0.87	1	10/13/99	8260B	CJR	1
Chloroethane	< 0.15	ug/l	0.15	0.51	1	10/13/99	8260B	CJR	1
Chloroform	< 0.26	ug/l	0.26	0.87	1	10/13/99	8260B	CJR	1
Chloromethane	< 0.29	ug/l	0.29	1	1	10/13/99	8260B	CJR	1
2-Chlorotoluene	< 0.31	ug/l	0.31	1	1	10/13/99	8260B	CJR	7
4-Chlorotoluene	< 0.27	ug/l	0.27	0.91	1	10/13/99	8260B	CJR	1
1,2-Dibromo-3-chloropropane	< 0.51	ug/l	0.51	1.7	1	10/13/99	8260B	CJR	1
Dibromochloromethane	< 0.31	ug/l	0.31	1	1	10/13/99	8260B	CJR	1
1,4-Dichlorobenzene	< 0.26	ug/l	0.26	0.87	1	10/13/99	8260B	CJR	1
1,3-Dichlorobenzene	< 0.34	ug/l	0.34	1.1	1	10/13/99	8260B	CJR	1
1,2-Dichlorobenzene	< 0.28	ug/l	0.28	0.93	1	10/13/99	8260B	CJR	1
Dichlorodifluoromethane	< 0.54	ug/l	0.54	1.8	1	10/13/99	8260B	CJR	1
1,2-Dichloroethane	< 0.14	ug/l	0.14	0.48	1	10/13/99	8260B	CJR	1
1,1-Dichloroethane	< 0.32	ug/l	0.32	1.1	1	10/13/99	8260B	CJR	1
1,1-Dichloroethene	< 0.61	ug/l	0.61	2	1	10/13/99	8260B	CJR	1
cis-1,2-Dichloroethene	< 0.34	ug/l	0.34	1.1	1	10/13/99	8260B	CJR	1
trans-1,2-Dichloroethene	< 0.46	ug/l	0.46	1.5	1	10/13/99	8260B	CJR	1
1,2-Dichloropropane	< 0.26	ug/l	0.26	0.86	1	10/13/99	8260B	CJR	1
2,2-Dichloropropane	< 0.53	ug/l	0.53	1.8	1	10/13/99	8260B	CJR	2
1,3-Dichloropropane	< 0.23	ug/l	0.23	0.76	1	10/13/99	8260B	CJR	1
Di-isopropyl ether	< 0.21	ug/l	0.21	0.69	1	10/13/99	8260B	CJR	1
EDB (1,2-Dibromoethane)	< 0.24	ug/l	0.24	0.82	1	10/13/99	8260B	CJR	1
Ethylbenzene	< 0.32	ug/l	0.32	1.1	1	10/13/99	8260B	CJR	1
Hexachlorobutadiene	< 0.33	ug/l	0.33	1.1	1	10/13/99	8260B	CJR	1
Isopropylbenzene	< 0.33	ug/l	0.33	1.1	1	10/13/99	8260B	CJR	1
p-Isopropyltoluene	< 0.34	ug/l	0.34	1.1	1	10/13/99	8260B	CJR	1
Methylene chloride	< 1	ug/l	1	3.3	1	10/13/99	8260B	CJR	1

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W66N215 COMMERCE COURT
CEDARBURG WI 53012

Project # 0702007
Project Name DECORAH ANNEX
Invoice # E27434

Report Date *25-Oct-99*

Analyte	Result	Units	LOD	LOQ	Dil	Run Date	Method	Analyst	QC Code
Lab Code 5027434E						**Sample Type** Water			
Sample ID MW5						**Sample Date** 10/8/99			
MTBE	< 0.21	ug/l	0.21	0.69	1	10/13/99	8260B	CJR	1
Naphthalene	< 0.73	ug/l	0.73	2.4	1	10/13/99	8260B	CJR	1
n-Propylbenzene	< 0.36	ug/l	0.36	1.2	1	10/13/99	8260B	CJR	1
1,1,2,2-Tetrachloroethane	< 0.29	ug/l	0.29	1	1	10/13/99	8260B	CJR	3 4 7
Tetrachloroethene	13	ug/l	0.56	1.9	1	10/13/99	8260B	CJR	1
Toluene	< 0.38	ug/l	0.38	1.3	1	10/13/99	8260B	CJR	1
1,2,4-Trichlorobenzene	< 0.17	ug/l	0.17	0.57	1	10/13/99	8260B	CJR	1
1,2,3-Trichlorobenzene	< 0.16	ug/l	0.16	0.54	1	10/13/99	8260B	CJR	1
1,1,1-Trichloroethane	< 0.35	ug/l	0.35	1.2	1	10/13/99	8260B	CJR	1
1,1,2-Trichloroethane	< 0.2	ug/l	0.2	0.66	1	10/13/99	8260B	CJR	1
Trichloroethene	0.5 "J"	ug/l	0.39	1.3	1	10/13/99	8260B	CJR	1
Trichlorofluoromethane	< 0.52	ug/l	0.52	1.7	1	10/13/99	8260B	CJR	1
1,2,4-Trimethylbenzene	< 0.34	ug/l	0.34	1.1	1	10/13/99	8260B	CJR	1
1,3,5-Trimethylbenzene	< 0.36	ug/l	0.36	1.2	1	10/13/99	8260B	CJR	1
Vinyl Chloride	< 0.32	ug/l	0.32	1.1	1	10/13/99	8260B	CJR	1
m&p-Xylene	< 0.67	ug/l	0.67	2.2	1	10/13/99	8260B	CJR	1
o-Xylene	< 0.37	ug/l	0.37	1.2	1	10/13/99	8260B	CJR	1
Lab Code 5027434F						**Sample Type** Water			
Sample ID MW6						**Sample Date** 10/8/99			
Organic									
VOC's									
Benzene	0.52 "J"	ug/l	0.25	0.85	1	10/13/99	8260B	CJR	1
Bromobenzene	< 0.23	ug/l	0.23	0.77	1	10/13/99	8260B	CJR	1
Bromochloromethane	< 0.22	ug/l	0.22	0.73	1	10/13/99	8260B	CJR	1
tert-Butylbenzene	< 0.4	ug/l	0.4	1.3	1	10/13/99	8260B	CJR	1
sec-Butylbenzene	< 0.37	ug/l	0.37	1.2	1	10/13/99	8260B	CJR	1
n-Butylbenzene	0.49 "J"	ug/l	0.43	1.4	1	10/13/99	8260B	CJR	1
Carbon Tetrachloride	< 0.48	ug/l	0.48	1.6	1	10/13/99	8260B	CJR	2
Chlorobenzene	< 0.26	ug/l	0.26	0.87	1	10/13/99	8260B	CJR	1
Chloroethane	< 0.15	ug/l	0.15	0.51	1	10/13/99	8260B	CJR	1
Chloroform	< 0.26	ug/l	0.26	0.87	1	10/13/99	8260B	CJR	1
Chloromethane	< 0.29	ug/l	0.29	1	1	10/13/99	8260B	CJR	1
2-Chlorotoluene	< 0.31	ug/l	0.31	1	1	10/13/99	8260B	CJR	7
4-Chlorotoluene	< 0.27	ug/l	0.27	0.91	1	10/13/99	8260B	CJR	1
1,2-Dibromo-3-chloropropane	< 0.51	ug/l	0.51	1.7	1	10/13/99	8260B	CJR	1

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Project # 0702007
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Report Date *25-Oct-99*

Analyte	Result	Units	LOD	LOQ	Dil	Run Date	Method	Analyst	QC Code
Lab Code 5027434F						**Sample Type** Water			
Sample ID MW6						**Sample Date** 10/8/99			
Dibromochloromethane	< 0.31	ug/l	0.31	1	1	10/13/99	8260B	CJR	1
1,4-Dichlorobenzene	< 0.26	ug/l	0.26	0.87	1	10/13/99	8260B	CJR	1
1,3-Dichlorobenzene	< 0.34	ug/l	0.34	1.1	1	10/13/99	8260B	CJR	1
1,2-Dichlorobenzene	< 0.28	ug/l	0.28	0.93	1	10/13/99	8260B	CJR	1
Dichlorodifluoromethane	< 0.54	ug/l	0.54	1.8	1	10/13/99	8260B	CJR	1
1,2-Dichloroethane	< 0.14	ug/l	0.14	0.48	1	10/13/99	8260B	CJR	1
1,1-Dichloroethane	< 0.32	ug/l	0.32	1.1	1	10/13/99	8260B	CJR	1
1,1-Dichloroethene	< 0.61	ug/l	0.61	2	1	10/13/99	8260B	CJR	1
cis-1,2-Dichloroethene	0.38 "J"	ug/l	0.34	1.1	1	10/13/99	8260B	CJR	1
trans-1,2-Dichloroethene	< 0.46	ug/l	0.46	1.5	1	10/13/99	8260B	CJR	1
1,2-Dichloropropane	< 0.26	ug/l	0.26	0.86	1	10/13/99	8260B	CJR	1
2,2-Dichloropropane	< 0.53	ug/l	0.53	1.8	1	10/13/99	8260B	CJR	2
1,3-Dichloropropane	< 0.23	ug/l	0.23	0.76	1	10/13/99	8260B	CJR	1
Di-isopropyl ether	< 0.21	ug/l	0.21	0.69	1	10/13/99	8260B	CJR	1
EDB (1,2-Dibromoethane)	< 0.24	ug/l	0.24	0.82	1	10/13/99	8260B	CJR	1
Ethylbenzene	1.9	ug/l	0.32	1.1	1	10/13/99	8260B	CJR	1
Hexachlorobutadiene	< 0.33	ug/l	0.33	1.1	1	10/13/99	8260B	CJR	1
Isopropylbenzene	< 0.33	ug/l	0.33	1.1	1	10/13/99	8260B	CJR	1
p-Isopropyltoluene	< 0.34	ug/l	0.34	1.1	1	10/13/99	8260B	CJR	1
Methylene chloride	< 1	ug/l	1	3.3	1	10/13/99	8260B	CJR	1
MTBE	< 0.21	ug/l	0.21	0.69	1	10/13/99	8260B	CJR	1
Naphthalene	1.1 "J"	ug/l	0.73	2.4	1	10/13/99	8260B	CJR	1
n-Propylbenzene	0.82 "J"	ug/l	0.36	1.2	1	10/13/99	8260B	CJR	1
1,1,2,2-Tetrachloroethane	< 0.29	ug/l	0.29	1	1	10/13/99	8260B	CJR	3 4 7
Tetrachloroethene	4.1	ug/l	0.56	1.9	1	10/13/99	8260B	CJR	1
Toluene	1.2 "J"	ug/l	0.38	1.3	1	10/13/99	8260B	CJR	1
1,2,4-Trichlorobenzene	< 0.17	ug/l	0.17	0.57	1	10/13/99	8260B	CJR	1
1,2,3-Trichlorobenzene	< 0.16	ug/l	0.16	0.54	1	10/13/99	8260B	CJR	1
1,1,1-Trichloroethane	< 0.35	ug/l	0.35	1.2	1	10/13/99	8260B	CJR	1
1,1,2-Trichloroethane	< 0.2	ug/l	0.2	0.66	1	10/13/99	8260B	CJR	1
Trichloroethene	< 0.39	ug/l	0.39	1.3	1	10/13/99	8260B	CJR	1
Trichlorofluoromethane	< 0.52	ug/l	0.52	1.7	1	10/13/99	8260B	CJR	1
1,2,4-Trimethylbenzene	4.5	ug/l	0.34	1.1	1	10/13/99	8260B	CJR	1
1,3,5-Trimethylbenzene	2	ug/l	0.36	1.2	1	10/13/99	8260B	CJR	1
Vinyl Chloride	< 0.32	ug/l	0.32	1.1	1	10/13/99	8260B	CJR	1
m&p-Xylene	5.2	ug/l	0.67	2.2	1	10/13/99	8260B	CJR	1
o-Xylene	2	ug/l	0.37	1.2	1	10/13/99	8260B	CJR	1

CURT HOFFART
KEY ENGINEERING
W66N215 COMMERCE COURT
CEDARBURG WI 53012

Project # 0702007
Project Name DECORAH ANNEX
Invoice # E27434

Report Date *25-Oct-99*

Analyte	Result	Units	LOD	LOQ	Dil	Run Date	Method	Analyst	QC Code
Lab Code 5027434G						**Sample Type** Water			
Sample ID P1						**Sample Date** 10/8/99			
Organic									
VOC's									
Benzene	< 0.25	ug/l	0.25	0.85	1	10/13/99	8260B	CJR	1
Bromobenzene	< 0.23	ug/l	0.23	0.77	1	10/13/99	8260B	CJR	1
Bromochloromethane	< 0.22	ug/l	0.22	0.73	1	10/13/99	8260B	CJR	1
tert-Butylbenzene	< 0.4	ug/l	0.4	1.3	1	10/13/99	8260B	CJR	1
sec-Butylbenzene	< 0.37	ug/l	0.37	1.2	1	10/13/99	8260B	CJR	1
n-Butylbenzene	< 0.43	ug/l	0.43	1.4	1	10/13/99	8260B	CJR	1
Carbon Tetrachloride	< 0.48	ug/l	0.48	1.6	1	10/13/99	8260B	CJR	2
Chlorobenzene	< 0.26	ug/l	0.26	0.87	1	10/13/99	8260B	CJR	1
Chloroethane	< 0.15	ug/l	0.15	0.51	1	10/13/99	8260B	CJR	1
Chloroform	< 0.26	ug/l	0.26	0.87	1	10/13/99	8260B	CJR	1
Chloromethane	< 0.29	ug/l	0.29	1	1	10/13/99	8260B	CJR	1
2-Chlorotoluene	< 0.31	ug/l	0.31	1	1	10/13/99	8260B	CJR	7
4-Chlorotoluene	< 0.27	ug/l	0.27	0.91	1	10/13/99	8260B	CJR	1
1,2-Dibromo-3-chloropropane	< 0.51	ug/l	0.51	1.7	1	10/13/99	8260B	CJR	1
Dibromochloromethane	< 0.31	ug/l	0.31	1	1	10/13/99	8260B	CJR	1
1,4-Dichlorobenzene	< 0.26	ug/l	0.26	0.87	1	10/13/99	8260B	CJR	1
1,3-Dichlorobenzene	< 0.34	ug/l	0.34	1.1	1	10/13/99	8260B	CJR	1
1,2-Dichlorobenzene	< 0.28	ug/l	0.28	0.93	1	10/13/99	8260B	CJR	1
Dichlorodifluoromethane	< 0.54	ug/l	0.54	1.8	1	10/13/99	8260B	CJR	1
1,2-Dichloroethane	< 0.14	ug/l	0.14	0.48	1	10/13/99	8260B	CJR	1
1,1-Dichloroethane	< 0.32	ug/l	0.32	1.1	1	10/13/99	8260B	CJR	1
1,1-Dichloroethene	< 0.61	ug/l	0.61	2	1	10/13/99	8260B	CJR	1
cis-1,2-Dichloroethene	< 0.34	ug/l	0.34	1.1	1	10/13/99	8260B	CJR	1
trans-1,2-Dichloroethene	< 0.46	ug/l	0.46	1.5	1	10/13/99	8260B	CJR	1
1,2-Dichloropropane	< 0.26	ug/l	0.26	0.86	1	10/13/99	8260B	CJR	1
2,2-Dichloropropane	< 0.53	ug/l	0.53	1.8	1	10/13/99	8260B	CJR	2
1,3-Dichloropropane	< 0.23	ug/l	0.23	0.76	1	10/13/99	8260B	CJR	1
Di-isopropyl ether	< 0.21	ug/l	0.21	0.69	1	10/13/99	8260B	CJR	1
EDB (1,2-Dibromoethane)	< 0.24	ug/l	0.24	0.82	1	10/13/99	8260B	CJR	1
Ethylbenzene	< 0.32	ug/l	0.32	1.1	1	10/13/99	8260B	CJR	1
Hexachlorobutadiene	< 0.33	ug/l	0.33	1.1	1	10/13/99	8260B	CJR	1
Isopropylbenzene	< 0.33	ug/l	0.33	1.1	1	10/13/99	8260B	CJR	1
p-Isopropyltoluene	< 0.34	ug/l	0.34	1.1	1	10/13/99	8260B	CJR	1
Methylene chloride	< 1	ug/l	1	3.3	1	10/13/99	8260B	CJR	1

CURT HOFFART
KEY ENGINEERING
W66N215 COMMERCE COURT
CEDARBURG WI 53012

Project # 0702007
Project Name DECORAH ANNEX
Invoice # E27434

Report Date *25-Oct-99*

Analyte	Result	Units	LOD	LOQ	Dil	Run Date	Method	Analyst	QC Code
Lab Code 5027434G						**Sample Type** Water			
Sample ID P1						**Sample Date** 10/8/99			
MTBE	< 0.21	ug/l	0.21	0.69	1	10/13/99	8260B	CJR	1
Naphthalene	< 0.73	ug/l	0.73	2.4	1	10/13/99	8260B	CJR	1
n-Propylbenzene	< 0.36	ug/l	0.36	1.2	1	10/13/99	8260B	CJR	1
1,1,2,2-Tetrachloroethane	< 0.29	ug/l	0.29	1	1	10/13/99	8260B	CJR	3 4 7
Tetrachloroethene	< 0.56	ug/l	0.56	1.9	1	10/13/99	8260B	CJR	1
Toluene	< 0.38	ug/l	0.38	1.3	1	10/13/99	8260B	CJR	1
1,2,4-Trichlorobenzene	< 0.17	ug/l	0.17	0.57	1	10/13/99	8260B	CJR	1
1,2,3-Trichlorobenzene	< 0.16	ug/l	0.16	0.54	1	10/13/99	8260B	CJR	1
1,1,1-Trichloroethane	< 0.35	ug/l	0.35	1.2	1	10/13/99	8260B	CJR	1
1,1,2-Trichloroethane	< 0.2	ug/l	0.2	0.66	1	10/13/99	8260B	CJR	1
Trichloroethene	< 0.39	ug/l	0.39	1.3	1	10/13/99	8260B	CJR	1
Trichlorofluoromethane	< 0.52	ug/l	0.52	1.7	1	10/13/99	8260B	CJR	1
1,2,4-Trimethylbenzene	< 0.34	ug/l	0.34	1.1	1	10/13/99	8260B	CJR	1
1,3,5-Trimethylbenzene	< 0.36	ug/l	0.36	1.2	1	10/13/99	8260B	CJR	1
Vinyl Chloride	< 0.32	ug/l	0.32	1.1	1	10/13/99	8260B	CJR	1
m&p-Xylene	< 0.67	ug/l	0.67	2.2	1	10/13/99	8260B	CJR	1
o-Xylene	< 0.37	ug/l	0.37	1.2	1	10/13/99	8260B	CJR	1
Lab Code 5027434H						**Sample Type** Water			
Sample ID P2						**Sample Date** 10/8/99			
Organic									
VOC's									
Benzene	0.58 "J"	ug/l	0.25	0.85	1	10/13/99	8260B	CJR	1
Bromobenzene	< 0.23	ug/l	0.23	0.77	1	10/13/99	8260B	CJR	1
Bromochloromethane	< 0.22	ug/l	0.22	0.73	1	10/13/99	8260B	CJR	1
tert-Butylbenzene	< 0.4	ug/l	0.4	1.3	1	10/13/99	8260B	CJR	1
sec-Butylbenzene	< 0.37	ug/l	0.37	1.2	1	10/13/99	8260B	CJR	1
n-Butylbenzene	< 0.43	ug/l	0.43	1.4	1	10/13/99	8260B	CJR	1
Carbon Tetrachloride	< 0.48	ug/l	0.48	1.6	1	10/13/99	8260B	CJR	2
Chlorobenzene	< 0.26	ug/l	0.26	0.87	1	10/13/99	8260B	CJR	1
Chloroethane	< 0.15	ug/l	0.15	0.51	1	10/13/99	8260B	CJR	1
Chloroform	< 0.26	ug/l	0.26	0.87	1	10/13/99	8260B	CJR	1
Chloromethane	< 0.29	ug/l	0.29	1	1	10/13/99	8260B	CJR	1
2-Chlorotoluene	< 0.31	ug/l	0.31	1	1	10/13/99	8260B	CJR	7
4-Chlorotoluene	< 0.27	ug/l	0.27	0.91	1	10/13/99	8260B	CJR	1
1,2-Dibromo-3-chloropropane	< 0.51	ug/l	0.51	1.7	1	10/13/99	8260B	CJR	1

CURT HOFFART
KEY ENGINEERING
W66N215 COMMERCE COURT
CEDARBURG WI 53012

Project # 0702007
Project Name DECORAH ANNEX
Invoice # E27434

Report Date *25-Oct-99*

Analyte	Result	Units	LOD	LOQ	Dil	Run Date	Method	Analyst	QC Code
Lab Code 5027434H						**Sample Type** Water			
Sample ID P2						**Sample Date** 10/8/99			
Dibromochloromethane	< 0.31	ug/l	0.31	1	1	10/13/99	8260B	CJR	1
1,4-Dichlorobenzene	< 0.26	ug/l	0.26	0.87	1	10/13/99	8260B	CJR	1
1,3-Dichlorobenzene	< 0.34	ug/l	0.34	1.1	1	10/13/99	8260B	CJR	1
1,2-Dichlorobenzene	< 0.28	ug/l	0.28	0.93	1	10/13/99	8260B	CJR	1
Dichlorodifluoromethane	< 0.54	ug/l	0.54	1.8	1	10/13/99	8260B	CJR	1
1,2-Dichloroethane	< 0.14	ug/l	0.14	0.48	1	10/13/99	8260B	CJR	1
1,1-Dichloroethane	< 0.32	ug/l	0.32	1.1	1	10/13/99	8260B	CJR	1
1,1-Dichloroethene	< 0.61	ug/l	0.61	2	1	10/13/99	8260B	CJR	1
cis-1,2-Dichloroethene	< 0.34	ug/l	0.34	1.1	1	10/13/99	8260B	CJR	1
trans-1,2-Dichloroethene	< 0.46	ug/l	0.46	1.5	1	10/13/99	8260B	CJR	1
1,2-Dichloropropane	< 0.26	ug/l	0.26	0.86	1	10/13/99	8260B	CJR	1
2,2-Dichloropropane	< 0.53	ug/l	0.53	1.8	1	10/13/99	8260B	CJR	2
1,3-Dichloropropane	< 0.23	ug/l	0.23	0.76	1	10/13/99	8260B	CJR	1
Di-isopropyl ether	< 0.21	ug/l	0.21	0.69	1	10/13/99	8260B	CJR	1
EDB (1,2-Dibromoethane)	< 0.24	ug/l	0.24	0.82	1	10/13/99	8260B	CJR	1
Ethylbenzene	2.2	ug/l	0.32	1.1	1	10/13/99	8260B	CJR	1
Hexachlorobutadiene	< 0.33	ug/l	0.33	1.1	1	10/13/99	8260B	CJR	1
Isopropylbenzene	0.35 "J"	ug/l	0.33	1.1	1	10/13/99	8260B	CJR	1
p-Isopropyltoluene	< 0.34	ug/l	0.34	1.1	1	10/13/99	8260B	CJR	1
Methylene chloride	< 1	ug/l	1	3.3	1	10/13/99	8260B	CJR	1
MTBE	< 0.21	ug/l	0.21	0.69	1	10/13/99	8260B	CJR	1
Naphthalene	0.86 "J"	ug/l	0.73	2.4	1	10/13/99	8260B	CJR	1
n-Propylbenzene	0.88 "J"	ug/l	0.36	1.2	1	10/13/99	8260B	CJR	1
1,1,2,2-Tetrachloroethane	< 0.29	ug/l	0.29	1	1	10/13/99	8260B	CJR	3 4 7
Tetrachloroethene	< 0.56	ug/l	0.56	1.9	1	10/13/99	8260B	CJR	1
Toluene	1.5	ug/l	0.38	1.3	1	10/13/99	8260B	CJR	1
1,2,4-Trichlorobenzene	< 0.17	ug/l	0.17	0.57	1	10/13/99	8260B	CJR	1
1,2,3-Trichlorobenzene	< 0.16	ug/l	0.16	0.54	1	10/13/99	8260B	CJR	1
1,1,1-Trichloroethane	< 0.35	ug/l	0.35	1.2	1	10/13/99	8260B	CJR	1
1,1,2-Trichloroethane	< 0.2	ug/l	0.2	0.66	1	10/13/99	8260B	CJR	1
Trichloroethene	< 0.39	ug/l	0.39	1.3	1	10/13/99	8260B	CJR	1
Trichlorofluoromethane	< 0.52	ug/l	0.52	1.7	1	10/13/99	8260B	CJR	1
1,2,4-Trimethylbenzene	6.6	ug/l	0.34	1.1	1	10/13/99	8260B	CJR	1
1,3,5-Trimethylbenzene	1.4	ug/l	0.36	1.2	1	10/13/99	8260B	CJR	1
Vinyl Chloride	< 0.32	ug/l	0.32	1.1	1	10/13/99	8260B	CJR	1
m&p-Xylene	6.4	ug/l	0.67	2.2	1	10/13/99	8260B	CJR	1
o-Xylene	2.3	ug/l	0.37	1.2	1	10/13/99	8260B	CJR	1

CURT HOFFART
KEY ENGINEERING
W66N215 COMMERCE COURT
CEDARBURG WI 53012

Project # 0702007
Project Name DECORAH ANNEX
Invoice # E27434

Report Date *25-Oct-99*

Lab Code 5027434I **Sample Type** Water
Sample ID DUP **Sample Date** 10/8/99

Analyte	Result	Units	LOD	LOQ	Dil	Run Date	Method	Analyst	QC Code
Organic									
VOC's									
Benzene	0.53 "J"	ug/l	0.25	0.85	1	10/13/99	8260B	CJR	1
Bromobenzene	< 0.23	ug/l	0.23	0.77	1	10/13/99	8260B	CJR	1
Bromochloromethane	< 0.22	ug/l	0.22	0.73	1	10/13/99	8260B	CJR	1
tert-Butylbenzene	< 0.4	ug/l	0.4	1.3	1	10/13/99	8260B	CJR	1
sec-Butylbenzene	< 0.37	ug/l	0.37	1.2	1	10/13/99	8260B	CJR	1
n-Butylbenzene	0.51 "J"	ug/l	0.43	1.4	1	10/13/99	8260B	CJR	1
Carbon Tetrachloride	< 0.48	ug/l	0.48	1.6	1	10/13/99	8260B	CJR	2
Chlorobenzene	< 0.26	ug/l	0.26	0.87	1	10/13/99	8260B	CJR	1
Chloroethane	< 0.15	ug/l	0.15	0.51	1	10/13/99	8260B	CJR	1
Chloroform	< 0.26	ug/l	0.26	0.87	1	10/13/99	8260B	CJR	1
Chloromethane	< 0.29	ug/l	0.29	1	1	10/13/99	8260B	CJR	1
2-Chlorotoluene	< 0.31	ug/l	0.31	1	1	10/13/99	8260B	CJR	7
4-Chlorotoluene	< 0.27	ug/l	0.27	0.91	1	10/13/99	8260B	CJR	1
1,2-Dibromo-3-chloropropane	< 0.51	ug/l	0.51	1.7	1	10/13/99	8260B	CJR	1
Dibromochloromethane	< 0.31	ug/l	0.31	1	1	10/13/99	8260B	CJR	1
1,4-Dichlorobenzene	< 0.26	ug/l	0.26	0.87	1	10/13/99	8260B	CJR	1
1,3-Dichlorobenzene	< 0.34	ug/l	0.34	1.1	1	10/13/99	8260B	CJR	1
1,2-Dichlorobenzene	< 0.28	ug/l	0.28	0.93	1	10/13/99	8260B	CJR	1
Dichlorodifluoromethane	< 0.54	ug/l	0.54	1.8	1	10/13/99	8260B	CJR	1
1,2-Dichloroethane	< 0.14	ug/l	0.14	0.48	1	10/13/99	8260B	CJR	1
1,1-Dichloroethane	< 0.32	ug/l	0.32	1.1	1	10/13/99	8260B	CJR	1
1,1-Dichloroethene	< 0.61	ug/l	0.61	2	1	10/13/99	8260B	CJR	1
cis-1,2-Dichloroethene	0.4 "J"	ug/l	0.34	1.1	1	10/13/99	8260B	CJR	1
trans-1,2-Dichloroethene	< 0.46	ug/l	0.46	1.5	1	10/13/99	8260B	CJR	1
1,2-Dichloropropane	< 0.26	ug/l	0.26	0.86	1	10/13/99	8260B	CJR	1
2,2-Dichloropropane	< 0.53	ug/l	0.53	1.8	1	10/13/99	8260B	CJR	2
1,3-Dichloropropane	< 0.23	ug/l	0.23	0.76	1	10/13/99	8260B	CJR	1
Di-isopropyl ether	< 0.21	ug/l	0.21	0.69	1	10/13/99	8260B	CJR	1
EDB (1,2-Dibromoethane)	< 0.24	ug/l	0.24	0.82	1	10/13/99	8260B	CJR	1
Ethylbenzene	1.8	ug/l	0.32	1.1	1	10/13/99	8260B	CJR	1
Hexachlorobutadiene	< 0.33	ug/l	0.33	1.1	1	10/13/99	8260B	CJR	1
Isopropylbenzene	< 0.33	ug/l	0.33	1.1	1	10/13/99	8260B	CJR	1
p-Isopropyltoluene	< 0.34	ug/l	0.34	1.1	1	10/13/99	8260B	CJR	1
Methylene chloride	< 1	ug/l	1	3.3	1	10/13/99	8260B	CJR	1

U.S. Analytical Lab

CURT HOFFART
KEY ENGINEERING
W66N215 COMMERCE COURT
CEDARBURG WI 53012

Project # 0702007
Project Name DECORAH ANNEX
Invoice # E27434

Report Date *25-Oct-99*

Analyte	Result	Units	LOD	LOQ	Dil	Run Date	Method	Analyst	QC Code
Lab Code 5027434I						**Sample Type** Water			
Sample ID DUP						**Sample Date** 10/8/99			
MTBE	< 0.21	ug/l	0.21	0.69	1	10/13/99	8260B	CJR	1
Naphthalene	1.1 "J"	ug/l	0.73	2.4	1	10/13/99	8260B	CJR	1
n-Propylbenzene	0.73 "J"	ug/l	0.36	1.2	1	10/13/99	8260B	CJR	1
1,1,2,2-Tetrachloroethane	< 0.29	ug/l	0.29	1	1	10/13/99	8260B	CJR	3 4 7
Tetrachloroethene	4	ug/l	0.56	1.9	1	10/13/99	8260B	CJR	1
Toluene	1.2 "J"	ug/l	0.38	1.3	1	10/13/99	8260B	CJR	1
1,2,4-Trichlorobenzene	< 0.17	ug/l	0.17	0.57	1	10/13/99	8260B	CJR	1
1,2,3-Trichlorobenzene	< 0.16	ug/l	0.16	0.54	1	10/13/99	8260B	CJR	1
1,1,1-Trichloroethane	< 0.35	ug/l	0.35	1.2	1	10/13/99	8260B	CJR	1
1,1,2-Trichloroethane	< 0.2	ug/l	0.2	0.66	1	10/13/99	8260B	CJR	1
Trichloroethene	< 0.39	ug/l	0.39	1.3	1	10/13/99	8260B	CJR	1
Trichlorofluoromethane	< 0.52	ug/l	0.52	1.7	1	10/13/99	8260B	CJR	1
1,2,4-Trimethylbenzene	4.8	ug/l	0.34	1.1	1	10/13/99	8260B	CJR	1
1,3,5-Trimethylbenzene	2.2	ug/l	0.36	1.2	1	10/13/99	8260B	CJR	1
Vinyl Chloride	< 0.32	ug/l	0.32	1.1	1	10/13/99	8260B	CJR	1
m&p-Xylene	5.2	ug/l	0.67	2.2	1	10/13/99	8260B	CJR	1
o-Xylene	1.9	ug/l	0.37	1.2	1	10/13/99	8260B	CJR	1
Lab Code 5027434J						**Sample Type** Water			
Sample ID TRIP						**Sample Date** 10/8/99			
Organic									
VOC's									
Benzene	< 0.25	ug/l	0.25	0.85	1	10/13/99	8260B	CJR	1
Bromobenzene	< 0.23	ug/l	0.23	0.77	1	10/13/99	8260B	CJR	1
Bromochloromethane	< 0.22	ug/l	0.22	0.73	1	10/13/99	8260B	CJR	1
tert-Butylbenzene	< 0.4	ug/l	0.4	1.3	1	10/13/99	8260B	CJR	1
sec-Butylbenzene	< 0.37	ug/l	0.37	1.2	1	10/13/99	8260B	CJR	1
n-Butylbenzene	< 0.43	ug/l	0.43	1.4	1	10/13/99	8260B	CJR	1
Carbon Tetrachloride	< 0.48	ug/l	0.48	1.6	1	10/13/99	8260B	CJR	2
Chlorobenzene	< 0.26	ug/l	0.26	0.87	1	10/13/99	8260B	CJR	1
Chloroethane	< 0.15	ug/l	0.15	0.51	1	10/13/99	8260B	CJR	1
Chloroform	< 0.26	ug/l	0.26	0.87	1	10/13/99	8260B	CJR	1
Chloromethane	< 0.29	ug/l	0.29	1	1	10/13/99	8260B	CJR	1
2-Chlorotoluene	< 0.31	ug/l	0.31	1	1	10/13/99	8260B	CJR	7
4-Chlorotoluene	< 0.27	ug/l	0.27	0.91	1	10/13/99	8260B	CJR	1
1,2-Dibromo-3-chloropropane	< 0.51	ug/l	0.51	1.7	1	10/13/99	8260B	CJR	1

U.S. Analytical Lab

CURT HOFFART
KEY ENGINEERING
W66N215 COMMERCE COURT
CEDARBURG WI 53012

Project # 0702007
Project Name DECORAH ANNEX
Invoice # E27434

Report Date *25-Oct-99*

Analyte	Result	Units	LOD	LOQ	Dil	Run Date	Method	Analyst	QC Code
Lab Code 5027434J						**Sample Type** Water			
Sample ID TRIP						**Sample Date** 10/8/99			
Dibromochloromethane	< 0.31	ug/l	0.31	1	1	10/13/99	8260B	CJR	1
1,4-Dichlorobenzene	< 0.26	ug/l	0.26	0.87	1	10/13/99	8260B	CJR	1
1,3-Dichlorobenzene	< 0.34	ug/l	0.34	1.1	1	10/13/99	8260B	CJR	1
1,2-Dichlorobenzene	< 0.28	ug/l	0.28	0.93	1	10/13/99	8260B	CJR	1
Dichlorodifluoromethane	< 0.54	ug/l	0.54	1.8	1	10/13/99	8260B	CJR	1
1,2-Dichloroethane	< 0.14	ug/l	0.14	0.48	1	10/13/99	8260B	CJR	1
1,1-Dichloroethane	< 0.32	ug/l	0.32	1.1	1	10/13/99	8260B	CJR	1
1,1-Dichloroethene	< 0.61	ug/l	0.61	2	1	10/13/99	8260B	CJR	1
cis-1,2-Dichloroethene	< 0.34	ug/l	0.34	1.1	1	10/13/99	8260B	CJR	1
trans-1,2-Dichloroethene	< 0.46	ug/l	0.46	1.5	1	10/13/99	8260B	CJR	1
1,2-Dichloropropane	< 0.26	ug/l	0.26	0.86	1	10/13/99	8260B	CJR	1
2,2-Dichloropropane	< 0.53	ug/l	0.53	1.8	1	10/13/99	8260B	CJR	2
1,3-Dichloropropane	< 0.23	ug/l	0.23	0.76	1	10/13/99	8260B	CJR	1
Di-isopropyl ether	< 0.21	ug/l	0.21	0.69	1	10/13/99	8260B	CJR	1
EDB (1,2-Dibromoethane)	< 0.24	ug/l	0.24	0.82	1	10/13/99	8260B	CJR	1
Ethylbenzene	< 0.32	ug/l	0.32	1.1	1	10/13/99	8260B	CJR	1
Hexachlorobutadiene	< 0.33	ug/l	0.33	1.1	1	10/13/99	8260B	CJR	1
Isopropylbenzene	< 0.33	ug/l	0.33	1.1	1	10/13/99	8260B	CJR	1
p-Isopropyltoluene	< 0.34	ug/l	0.34	1.1	1	10/13/99	8260B	CJR	1
Methylene chloride	< 1	ug/l	1	3.3	1	10/13/99	8260B	CJR	1
MTBE	< 0.21	ug/l	0.21	0.69	1	10/13/99	8260B	CJR	1
Naphthalene	< 0.73	ug/l	0.73	2.4	1	10/13/99	8260B	CJR	1
n-Propylbenzene	< 0.36	ug/l	0.36	1.2	1	10/13/99	8260B	CJR	1
1,1,2,2-Tetrachloroethane	< 0.29	ug/l	0.29	1	1	10/13/99	8260B	CJR	3 4 7
Tetrachloroethene	< 0.56	ug/l	0.56	1.9	1	10/13/99	8260B	CJR	1
Toluene	< 0.38	ug/l	0.38	1.3	1	10/13/99	8260B	CJR	1
1,2,4-Trichlorobenzene	< 0.17	ug/l	0.17	0.57	1	10/13/99	8260B	CJR	1
1,2,3-Trichlorobenzene	< 0.16	ug/l	0.16	0.54	1	10/13/99	8260B	CJR	1
1,1,1-Trichloroethane	< 0.35	ug/l	0.35	1.2	1	10/13/99	8260B	CJR	1
1,1,2-Trichloroethane	< 0.2	ug/l	0.2	0.66	1	10/13/99	8260B	CJR	1
Trichloroethene	< 0.39	ug/l	0.39	1.3	1	10/13/99	8260B	CJR	1
Trichlorofluoromethane	< 0.52	ug/l	0.52	1.7	1	10/13/99	8260B	CJR	1
1,2,4-Trimethylbenzene	< 0.34	ug/l	0.34	1.1	1	10/13/99	8260B	CJR	1
1,3,5-Trimethylbenzene	< 0.36	ug/l	0.36	1.2	1	10/13/99	8260B	CJR	1
Vinyl Chloride	< 0.32	ug/l	0.32	1.1	1	10/13/99	8260B	CJR	1
m&p-Xylene	< 0.67	ug/l	0.67	2.2	1	10/13/99	8260B	CJR	1
o-Xylene	< 0.37	ug/l	0.37	1.2	1	10/13/99	8260B	CJR	1

CURT HOFFART
KEY ENGINEERING
W66N215 COMMERCE COURT
CEDARBURG WI 53012

Project # 0702007
Project Name DECORAH ANNEX
Invoice # E27434

Report Date *25-Oct-99*

Analyte	Result	Units	LOD	LOQ	Dil	Run Date	Method	Analyst	QC Code
Lab Code 5027434K						**Sample Type** Water			
Sample ID FIELD						**Sample Date** 10/8/99			
Organic									
VOC's									
Benzene	< 0.25	ug/l	0.25	0.85	1	10/13/99	8260B	CJR	1
Bromobenzene	< 0.23	ug/l	0.23	0.77	1	10/13/99	8260B	CJR	1
Bromochloromethane	< 0.22	ug/l	0.22	0.73	1	10/13/99	8260B	CJR	1
tert-Butylbenzene	< 0.4	ug/l	0.4	1.3	1	10/13/99	8260B	CJR	1
sec-Butylbenzene	< 0.37	ug/l	0.37	1.2	1	10/13/99	8260B	CJR	1
n-Butylbenzene	< 0.43	ug/l	0.43	1.4	1	10/13/99	8260B	CJR	1
Carbon Tetrachloride	< 0.48	ug/l	0.48	1.6	1	10/13/99	8260B	CJR	2
Chlorobenzene	< 0.26	ug/l	0.26	0.87	1	10/13/99	8260B	CJR	1
Chloroethane	< 0.15	ug/l	0.15	0.51	1	10/13/99	8260B	CJR	1
Chloroform	< 0.26	ug/l	0.26	0.87	1	10/13/99	8260B	CJR	1
Chloromethane	< 0.29	ug/l	0.29	1	1	10/13/99	8260B	CJR	1
2-Chlorotoluene	< 0.31	ug/l	0.31	1	1	10/13/99	8260B	CJR	7
4-Chlorotoluene	< 0.27	ug/l	0.27	0.91	1	10/13/99	8260B	CJR	1
1,2-Dibromo-3-chloropropane	< 0.51	ug/l	0.51	1.7	1	10/13/99	8260B	CJR	1
Dibromochloromethane	< 0.31	ug/l	0.31	1	1	10/13/99	8260B	CJR	1
1,4-Dichlorobenzene	< 0.26	ug/l	0.26	0.87	1	10/13/99	8260B	CJR	1
1,3-Dichlorobenzene	< 0.34	ug/l	0.34	1.1	1	10/13/99	8260B	CJR	1
1,2-Dichlorobenzene	< 0.28	ug/l	0.28	0.93	1	10/13/99	8260B	CJR	1
Dichlorodifluoromethane	< 0.54	ug/l	0.54	1.8	1	10/13/99	8260B	CJR	1
1,2-Dichloroethane	< 0.14	ug/l	0.14	0.48	1	10/13/99	8260B	CJR	1
1,1-Dichloroethane	< 0.32	ug/l	0.32	1.1	1	10/13/99	8260B	CJR	1
1,1-Dichloroethene	< 0.61	ug/l	0.61	2	1	10/13/99	8260B	CJR	1
cis-1,2-Dichloroethene	< 0.34	ug/l	0.34	1.1	1	10/13/99	8260B	CJR	1
trans-1,2-Dichloroethene	< 0.46	ug/l	0.46	1.5	1	10/13/99	8260B	CJR	1
1,2-Dichloropropane	< 0.26	ug/l	0.26	0.86	1	10/13/99	8260B	CJR	1
2,2-Dichloropropane	< 0.53	ug/l	0.53	1.8	1	10/13/99	8260B	CJR	2
1,3-Dichloropropane	< 0.23	ug/l	0.23	0.76	1	10/13/99	8260B	CJR	1
Di-isopropyl ether	< 0.21	ug/l	0.21	0.69	1	10/13/99	8260B	CJR	1
EDB (1,2-Dibromoethane)	< 0.24	ug/l	0.24	0.82	1	10/13/99	8260B	CJR	1
Ethylbenzene	< 0.32	ug/l	0.32	1.1	1	10/13/99	8260B	CJR	1
Hexachlorobutadiene	< 0.33	ug/l	0.33	1.1	1	10/13/99	8260B	CJR	1
Isopropylbenzene	< 0.33	ug/l	0.33	1.1	1	10/13/99	8260B	CJR	1
p-Isopropyltoluene	< 0.34	ug/l	0.34	1.1	1	10/13/99	8260B	CJR	1
Methylene chloride	< 1	ug/l	1	3.3	1	10/13/99	8260B	CJR	1

U.S. Analytical Lab

CURT HOFFART
KEY ENGINEERING
W66N215 COMMERCE COURT
CEDARBURG WI 53012

Project # 0702007
Project Name DECORAH ANNEX
Invoice # E27434

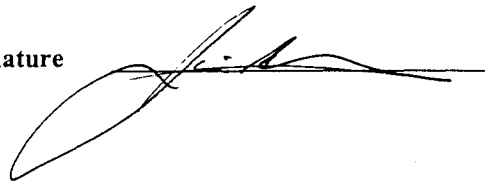
Report Date *25-Oct-99*

Analyte	Result	Units	LOD	LOQ	Dil	Run Date	Method	Analyst	QC Code
Lab Code 5027434K						**Sample Type** Water			
Sample ID FIELD						**Sample Date** 10/8/99			
MTBE	< 0.21	ug/l	0.21	0.69	1	10/13/99	8260B	CJR	1
Naphthalene	< 0.73	ug/l	0.73	2.4	1	10/13/99	8260B	CJR	1
n-Propylbenzene	< 0.36	ug/l	0.36	1.2	1	10/13/99	8260B	CJR	1
1,1,2,2-Tetrachloroethane	< 0.29	ug/l	0.29	1	1	10/13/99	8260B	CJR	3 4 7
Tetrachloroethene	< 0.56	ug/l	0.56	1.9	1	10/13/99	8260B	CJR	1
Toluene	< 0.38	ug/l	0.38	1.3	1	10/13/99	8260B	CJR	1
1,2,4-Trichlorobenzene	< 0.17	ug/l	0.17	0.57	1	10/13/99	8260B	CJR	1
1,2,3-Trichlorobenzene	< 0.16	ug/l	0.16	0.54	1	10/13/99	8260B	CJR	1
1,1,1-Trichloroethane	< 0.35	ug/l	0.35	1.2	1	10/13/99	8260B	CJR	1
1,1,2-Trichloroethane	< 0.2	ug/l	0.2	0.66	1	10/13/99	8260B	CJR	1
Trichloroethene	< 0.39	ug/l	0.39	1.3	1	10/13/99	8260B	CJR	1
Trichlorofluoromethane	< 0.52	ug/l	0.52	1.7	1	10/13/99	8260B	CJR	1
1,2,4-Trimethylbenzene	< 0.34	ug/l	0.34	1.1	1	10/13/99	8260B	CJR	1
1,3,5-Trimethylbenzene	< 0.36	ug/l	0.36	1.2	1	10/13/99	8260B	CJR	1
Vinyl Chloride	< 0.32	ug/l	0.32	1.1	1	10/13/99	8260B	CJR	1
m&p-Xylene	< 0.67	ug/l	0.67	2.2	1	10/13/99	8260B	CJR	1
o-Xylene	< 0.37	ug/l	0.37	1.2	1	10/13/99	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



CHAIN OF CUSTODY RECORD

.nalytical Lab
1090 Kennedy Ave. • Kimberly, WI 54136
(920) 735-8295 • FAX 920-739-1738 • 800-490-4902
USALAB@AOL.COM

Rev. Date: 11-11-97

Chain # No 12056

Page 1 of 2

Lab I.D. # 5027434

Account No. : Quote No.: 4234

Project #: 0702007

Sampler: (signature)

Sample Integrity - To be completed by receiving lab.
Method of Shipment : Courier Temp. of Temp. Blank. ____ °C On Ice: X
Cooler seal intact upon receipt: X Yes X No Labcoded By: PW

Project (Name / Location): Decorah Annex, 1011-1025 S Main St, West Bend, WI

Reports To: Curt Hoffert	Invoice To: Accounting
Company Key Engineering	Company
Address W166 N215 Commerce Ct	Address
City State Zip Cedarburg, WI 53012	City State Zip
Phone 262/375-4750	Phone

Sample Handling Request

___ Rush Analysis
Date Required ____

X Normal Turn Around

Analysis Requested

Lab I.D.	Sample I.D.	Collection Date	Collection Time	No. of Containers Size and Type	Description*	Preservation	DRO (Mod/TPH)	GRO (Mod/TPH)	PVOC (EPA 8020)	BTEX (EPA 8020)	VOC (EPA 8021)	VOC (EPA 8260)	O&G (EPA 413.1)	PAH (EPA 8310)	Pb	Flash Point	Other Analysis						PID/ FID
5027434																							
A	MW-1	10/8/99	am	4, 40ml	GW	HCl						X											
B	MW-2											X											
C	MW-3											X											
D	MW-4											X											
E	MW-5											X											
F	MW-6											X											
G	P-1											X											
H	P-2											X											
I	DUP											X											

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.
Cooler seal intact upon arrival. PW 10-11-99 16:40

Relinquished By: (sign)	Time	Date	Received By: (sign)	Time	Date
	10:25AM	10/11/99		10:25	10/11/99
	2:40	10-11-99			

Received in Laboratory By: P. Woods Date: 10-11-99 Time: 16:40

CHAIN OF CUSTODY RECORD

U.S. Analytical Lab
1090 Kennedy Ave. • Kimberly, WI 54136
(414) 735-8295 • FAX 414-739-1738 • 800-490-4902
USALAB@AOL.COM

Rev. Date: 6-15-97

Chain # No 8573

Page 2 of 2

Lab I.D. # 5027434

Account No. : Quote No.: 4234

Project #: 0702007

Sampler: (signature)

Sample Integrity - To completed by receiving lab.
Method of Shipment : Courier Temp. of Temp. Blank. ____ °C On Ice: X
Cooler seal cracked upon receipt: fw Yes X No fw

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

Reports To: Curt Hoffert	Invoice To: Accounting
Company Key Engineering	Company
Address W66 N215 Commerce Ct	Address
City State Zip Cedarburg, WI 53012	City State Zip
Phone 262/375-4750	Phone

Sample Handling Request

X Rush Analysis Date Required ____

___ Normal Turn Around

Analysis Requested

Lab I.D. 5027434	Sample I.D.	Collection Date	Collection Time	No. of Containers Size and Type	Description*	Preservation	DRO (Mod/TPH)	GRO (Mod/TPH)	PVOC (EPA 8020)	BTEX (EPA 8020)	VOC (EPA 8021)	VOC (EPA 8260)	O&G (EPA 413.1)	PAH (EPA 8310)	Pb	Flash Point	Other Analysis						PID/ FID
J	TRIP	10/8/99	am	1, 40ml	GW	HCl						X											
K	FIELD	10/8/99	am	1, 40ml	GW	HCl						X											

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.

Cooler Seal intact upon arrival fw 10-11-99 16:40

Per call to C.H., should be normal turnaround time - NOT RUSH. fw 10-12-99 13:40

Department Use Optional for Soil Samples

Disposition of unused portion of sample

Lab Should:

____ Dispose _____ Retain for ___ days

____ Return _____ Other

Relinquished By: (sign)	Time	Date	Received By: (sign)	Time	Date
	10:25 AM	10/11/99		10:25	10/11/99
	4:40	10-11-99			

Received in Laboratory By: Date: Time:

KEY ENGINEERING GROUP, LTD.

W66 N215 Commerce Court
Cedarburg, Wisconsin 53012
Phone No. (414) 375-4750
Fax No. (414) 375-9680

ANALYTICAL DATA CHECK-IN FORM

KEY Project Name: OCONOMOWOC SHOPPING CENTER ANNEX KEY Project No.: 0702007

Project Manager: CURT HOFFART

Lab Name: U.S. ANALYTICAL LAB Lab Project No.: 502812.5

Sample Matrix: Soil ☐ Water ☒ Other: _____

Soil Sample IDs:

Water Sample IDs:

MW-5	
TRIP	
FIELD	

Do the following items correspond to the chain of custody document:

Project Name and Number:	Yes ☒	No ☐
Date of Collection:	Yes ☒	No ☐
Sample ID Number(s):	Yes ☒	No ☐
Sample Type (Matrix):	Yes ☒	No ☐
Analysis Type and Method No.:	Yes ☒	No ☐
Correct Units per Method:	Yes ☒	No ☐

Compare each sample date of collection to lab sheet extraction and analysis date. Have appropriate holding times for each method been met? Yes ☒ No ☐

Is the chain of custody properly completed? Yes ☒ No ☐

Comments: _____

Data Check-in Performed by: _____ Date: 1/2/00

Note: This form is to be completed for each lab submittal and attached to the original lab data.

U.S. Analytical Lab

CURT HOFFART
KEY ENGINEERING
W66N215 COMMERCE COURT
CEDARBURG WI 53012

Project # 0702007
Project Name DECORAH ANNEX
Invoice # E28125

Report Date *14-Dec-99*

Analyte	Result	Units	LOD	LOQ	Dil	Run Date	Method	Analyst	QC Code
Lab Code 5028125A						**Sample Type** Water			
Sample ID MW-5						**Sample Date** 12/3/99			
Organic									
VOC's									
Benzene	< 0.25	ug/l	0.25	0.85	1	12/7/99	8260B	CJR	1
Bromobenzene	< 0.23	ug/l	0.23	0.77	1	12/7/99	8260B	CJR	1
Bromochloromethane	< 0.22	ug/l	0.22	0.73	1	12/7/99	8260B	CJR	1
tert-Butylbenzene	< 0.4	ug/l	0.4	1.3	1	12/7/99	8260B	CJR	1
sec-Butylbenzene	< 0.37	ug/l	0.37	1.2	1	12/7/99	8260B	CJR	1
n-Butylbenzene	< 0.43	ug/l	0.43	1.4	1	12/7/99	8260B	CJR	1
Carbon Tetrachloride	< 0.48	ug/l	0.48	1.6	1	12/7/99	8260B	CJR	1
Chlorobenzene	< 0.26	ug/l	0.26	0.87	1	12/7/99	8260B	CJR	1
Chloroethane	< 0.15	ug/l	0.15	0.51	1	12/7/99	8260B	CJR	1
Chloroform	< 0.26	ug/l	0.26	0.87	1	12/7/99	8260B	CJR	1
Chloromethane	< 0.29	ug/l	0.29	1	1	12/7/99	8260B	CJR	1
2-Chlorotoluene	< 0.31	ug/l	0.31	1	1	12/7/99	8260B	CJR	1
4-Chlorotoluene	< 0.27	ug/l	0.27	0.91	1	12/7/99	8260B	CJR	1
1,2-Dibromo-3-chloropropane	< 0.51	ug/l	0.51	1.7	1	12/7/99	8260B	CJR	1
Dibromochloromethane	< 0.31	ug/l	0.31	1	1	12/7/99	8260B	CJR	1
1,4-Dichlorobenzene	< 0.26	ug/l	0.26	0.87	1	12/7/99	8260B	CJR	1
1,3-Dichlorobenzene	< 0.34	ug/l	0.34	1.1	1	12/7/99	8260B	CJR	1
1,2-Dichlorobenzene	< 0.28	ug/l	0.28	0.93	1	12/7/99	8260B	CJR	1
Dichlorodifluoromethane	< 0.54	ug/l	0.54	1.8	1	12/7/99	8260B	CJR	2
1,2-Dichloroethane	< 0.14	ug/l	0.14	0.48	1	12/7/99	8260B	CJR	1
1,1-Dichloroethane	< 0.32	ug/l	0.32	1.1	1	12/7/99	8260B	CJR	1
1,1-Dichloroethene	< 0.61	ug/l	0.61	2	1	12/7/99	8260B	CJR	1
cis-1,2-Dichloroethene	< 0.34	ug/l	0.34	1.1	1	12/7/99	8260B	CJR	1
trans-1,2-Dichloroethene	< 0.46	ug/l	0.46	1.5	1	12/7/99	8260B	CJR	1
1,2-Dichloropropane	< 0.26	ug/l	0.26	0.86	1	12/7/99	8260B	CJR	1
2,2-Dichloropropane	< 0.53	ug/l	0.53	1.8	1	12/7/99	8260B	CJR	1
1,3-Dichloropropane	< 0.23	ug/l	0.23	0.76	1	12/7/99	8260B	CJR	1
Di-isopropyl ether	< 0.21	ug/l	0.21	0.69	1	12/7/99	8260B	CJR	1
EDB (1,2-Dibromoethane)	< 0.24	ug/l	0.24	0.82	1	12/7/99	8260B	CJR	1
Ethylbenzene	< 0.32	ug/l	0.32	1.1	1	12/7/99	8260B	CJR	1
Hexachlorobutadiene	< 0.33	ug/l	0.33	1.1	1	12/7/99	8260B	CJR	1
Isopropylbenzene	< 0.33	ug/l	0.33	1.1	1	12/7/99	8260B	CJR	1
p-Isopropyltoluene	< 0.34	ug/l	0.34	1.1	1	12/7/99	8260B	CJR	1
Methylene chloride	< 2	ug/l	2	6	1	12/7/99	8260B	CJR	1

CURT HOFFART
KEY ENGINEERING
W66N215 COMMERCE COURT
CEDARBURG WI 53012

Project # 0702007
Project Name DECORAH ANNEX
Invoice # E28125

Report Date *14-Dec-99*

Analyte	Result	Units	LOD	LOQ	Dil	Run Date	Method	Analyst	QC Code
Lab Code 5028125A						**Sample Type** Water			
Sample ID MW-5						**Sample Date** 12/3/99			
MTBE	< 0.21	ug/l	0.21	0.69	1	12/7/99	8260B	CJR	1
Naphthalene	< 0.73	ug/l	0.73	2.4	1	12/7/99	8260B	CJR	1
n-Propylbenzene	< 0.36	ug/l	0.36	1.2	1	12/7/99	8260B	CJR	1
1,1,2,2-Tetrachloroethane	< 0.29	ug/l	0.29	1	1	12/7/99	8260B	CJR	1
Tetrachloroethene	4	ug/l	0.56	1.9	1	12/7/99	8260B	CJR	1
Toluene	< 0.38	ug/l	0.38	1.3	1	12/7/99	8260B	CJR	1
1,2,4-Trichlorobenzene	< 0.17	ug/l	0.17	0.57	1	12/7/99	8260B	CJR	1
1,2,3-Trichlorobenzene	< 0.16	ug/l	0.16	0.54	1	12/7/99	8260B	CJR	1
1,1,1-Trichloroethane	< 0.35	ug/l	0.35	1.2	1	12/7/99	8260B	CJR	1
1,1,2-Trichloroethane	< 0.2	ug/l	0.2	0.66	1	12/7/99	8260B	CJR	1
Trichloroethene	0.9 "J"	ug/l	0.39	1.3	1	12/7/99	8260B	CJR	1
Trichlorofluoromethane	< 0.52	ug/l	0.52	1.7	1	12/7/99	8260B	CJR	1
1,2,4-Trimethylbenzene	< 0.34	ug/l	0.34	1.1	1	12/7/99	8260B	CJR	1
1,3,5-Trimethylbenzene	< 0.36	ug/l	0.36	1.2	1	12/7/99	8260B	CJR	1
Vinyl Chioride	< 0.32	ug/l	0.32	1.1	1	12/7/99	8260B	CJR	1
m&p-Xylene	< 0.67	ug/l	0.67	2.2	1	12/7/99	8260B	CJR	1
o-Xylene	< 0.37	ug/l	0.37	1.2	1	12/7/99	8260B	CJR	1
Lab Code 5028125B						**Sample Type** Water			
Sample ID TRIP						**Sample Date** 12/3/99			
Organic									
VOC's									
Benzene	< 0.25	ug/l	0.25	0.85	1	12/7/99	8260B	CJR	1
Bromobenzene	< 0.23	ug/l	0.23	0.77	1	12/7/99	8260B	CJR	1
Bromochloromethane	< 0.22	ug/l	0.22	0.73	1	12/7/99	8260B	CJR	1
tert-Butylbenzene	< 0.4	ug/l	0.4	1.3	1	12/7/99	8260B	CJR	1
sec-Butylbenzene	< 0.37	ug/l	0.37	1.2	1	12/7/99	8260B	CJR	1
n-Butylbenzene	< 0.43	ug/l	0.43	1.4	1	12/7/99	8260B	CJR	1
Carbon Tetrachloride	< 0.48	ug/l	0.48	1.6	1	12/7/99	8260B	CJR	1
Chlorobenzene	< 0.26	ug/l	0.26	0.87	1	12/7/99	8260B	CJR	1
Chloroethane	< 0.15	ug/l	0.15	0.51	1	12/7/99	8260B	CJR	1
Chloroform	< 0.26	ug/l	0.26	0.87	1	12/7/99	8260B	CJR	1
Chloromethane	< 0.29	ug/l	0.29	1	1	12/7/99	8260B	CJR	1
2-Chlorotoluene	< 0.31	ug/l	0.31	1	1	12/7/99	8260B	CJR	1
4-Chlorotoluene	< 0.27	ug/l	0.27	0.91	1	12/7/99	8260B	CJR	1
1,2-Dibromo-3-chloropropane	< 0.51	ug/l	0.51	1.7	1	12/7/99	8260B	CJR	1

U.S. Analytical Lab

CURT HOFFART
KEY ENGINEERING
W66N215 COMMERCE COURT
CEDARBURG WI 53012

Project # 0702007
Project Name DECORAH ANNEX
Invoice # E28125

Report Date *14-Dec-99*

Analyte	Result	Units	LOD	LOQ	Dil	Run Date	Method	Analyst	QC Code
Lab Code 5028125B						**Sample Type** Water			
Sample ID TRIP						**Sample Date** 12/3/99			
Dibromochloromethane	< 0.31	ug/l	0.31	1	1	12/7/99	8260B	CJR	1
1,4-Dichlorobenzene	< 0.26	ug/l	0.26	0.87	1	12/7/99	8260B	CJR	1
1,3-Dichlorobenzene	< 0.34	ug/l	0.34	1.1	1	12/7/99	8260B	CJR	1
1,2-Dichlorobenzene	< 0.28	ug/l	0.28	0.93	1	12/7/99	8260B	CJR	1
Dichlorodifluoromethane	< 0.54	ug/l	0.54	1.8	1	12/7/99	8260B	CJR	2
1,2-Dichloroethane	< 0.14	ug/l	0.14	0.48	1	12/7/99	8260B	CJR	1
1,1-Dichloroethane	< 0.32	ug/l	0.32	1.1	1	12/7/99	8260B	CJR	1
1,1-Dichloroethene	< 0.61	ug/l	0.61	2	1	12/7/99	8260B	CJR	1
cis-1,2-Dichloroethene	< 0.34	ug/l	0.34	1.1	1	12/7/99	8260B	CJR	1
trans-1,2-Dichloroethene	< 0.46	ug/l	0.46	1.5	1	12/7/99	8260B	CJR	1
1,2-Dichloropropane	< 0.26	ug/l	0.26	0.86	1	12/7/99	8260B	CJR	1
2,2-Dichloropropane	< 0.53	ug/l	0.53	1.8	1	12/7/99	8260B	CJR	1
1,3-Dichloropropane	< 0.23	ug/l	0.23	0.76	1	12/7/99	8260B	CJR	1
Di-isopropyl ether	< 0.21	ug/l	0.21	0.69	1	12/7/99	8260B	CJR	1
EDB (1,2-Dibromoethane)	< 0.24	ug/l	0.24	0.82	1	12/7/99	8260B	CJR	1
Ethylbenzene	< 0.32	ug/l	0.32	1.1	1	12/7/99	8260B	CJR	1
Hexachlorobutadiene	< 0.33	ug/l	0.33	1.1	1	12/7/99	8260B	CJR	1
Isopropylbenzene	< 0.33	ug/l	0.33	1.1	1	12/7/99	8260B	CJR	1
p-Isopropyltoluene	< 0.34	ug/l	0.34	1.1	1	12/7/99	8260B	CJR	1
Methylene chloride	< 2	ug/l	2	6	1	12/7/99	8260B	CJR	1
MTBE	< 0.21	ug/l	0.21	0.69	1	12/7/99	8260B	CJR	1
Naphthalene	< 0.73	ug/l	0.73	2.4	1	12/7/99	8260B	CJR	1
n-Propylbenzene	< 0.36	ug/l	0.36	1.2	1	12/7/99	8260B	CJR	1
1,1,2,2-Tetrachloroethane	< 0.29	ug/l	0.29	1	1	12/7/99	8260B	CJR	1
Tetrachloroethene	< 0.56	ug/l	0.56	1.9	1	12/7/99	8260B	CJR	1
Toluene	< 0.38	ug/l	0.38	1.3	1	12/7/99	8260B	CJR	1
1,2,4-Trichlorobenzene	< 0.17	ug/l	0.17	0.57	1	12/7/99	8260B	CJR	1
1,2,3-Trichlorobenzene	< 0.16	ug/l	0.16	0.54	1	12/7/99	8260B	CJR	1
1,1,1-Trichloroethane	< 0.35	ug/l	0.35	1.2	1	12/7/99	8260B	CJR	1
1,1,2-Trichloroethane	< 0.2	ug/l	0.2	0.66	1	12/7/99	8260B	CJR	1
Trichloroethene	< 0.39	ug/l	0.39	1.3	1	12/7/99	8260B	CJR	1
Trichlorofluoromethane	< 0.52	ug/l	0.52	1.7	1	12/7/99	8260B	CJR	1
1,2,4-Trimethylbenzene	< 0.34	ug/l	0.34	1.1	1	12/7/99	8260B	CJR	1
1,3,5-Trimethylbenzene	< 0.36	ug/l	0.36	1.2	1	12/7/99	8260B	CJR	1
Vinyl Chloride	< 0.32	ug/l	0.32	1.1	1	12/7/99	8260B	CJR	1
m&p-Xylene	< 0.67	ug/l	0.67	2.2	1	12/7/99	8260B	CJR	1
o-Xylene	< 0.37	ug/l	0.37	1.2	1	12/7/99	8260B	CJR	1

U.S. Analytical Lab

CURT HOFFART
KEY ENGINEERING
W66N215 COMMERCE COURT
CEDARBURG WI 53012

Project # 0702007
Project Name DECORAH ANNEX
Invoice # E28125

Report Date *14-Dec-99*

Analyte	Result	Units	LOD	LOQ	Dil	Run Date	Method	Analyst	QC Code
Lab Code 5028125C						**Sample Type** Water			
Sample ID FIELD						**Sample Date** 12/3/99			
Organic									
VOC's									
Benzene	< 0.25	ug/l	0.25	0.85	1	12/7/99	8260B	CJR	1
Bromobenzene	< 0.23	ug/l	0.23	0.77	1	12/7/99	8260B	CJR	1
Bromochloromethane	< 0.22	ug/l	0.22	0.73	1	12/7/99	8260B	CJR	1
tert-Butylbenzene	< 0.4	ug/l	0.4	1.3	1	12/7/99	8260B	CJR	1
sec-Butylbenzene	< 0.37	ug/l	0.37	1.2	1	12/7/99	8260B	CJR	1
n-Butylbenzene	< 0.43	ug/l	0.43	1.4	1	12/7/99	8260B	CJR	1
Carbon Tetrachloride	< 0.48	ug/l	0.48	1.6	1	12/7/99	8260B	CJR	1
Chlorobenzene	< 0.26	ug/l	0.26	0.87	1	12/7/99	8260B	CJR	1
Chloroethane	< 0.15	ug/l	0.15	0.51	1	12/7/99	8260B	CJR	1
Chloroform	< 0.26	ug/l	0.26	0.87	1	12/7/99	8260B	CJR	1
Chloromethane	< 0.29	ug/l	0.29	1	1	12/7/99	8260B	CJR	1
2-Chlorotoluene	< 0.31	ug/l	0.31	1	1	12/7/99	8260B	CJR	1
4-Chlorotoluene	< 0.27	ug/l	0.27	0.91	1	12/7/99	8260B	CJR	1
1,2-Dibromo-3-chloropropane	< 0.51	ug/l	0.51	1.7	1	12/7/99	8260B	CJR	1
Dibromochloromethane	< 0.31	ug/l	0.31	1	1	12/7/99	8260B	CJR	1
1,4-Dichlorobenzene	0.62 "J"	ug/l	0.26	0.87	1	12/7/99	8260B	CJR	1
1,3-Dichlorobenzene	< 0.34	ug/l	0.34	1.1	1	12/7/99	8260B	CJR	1
1,2-Dichlorobenzene	< 0.28	ug/l	0.28	0.93	1	12/7/99	8260B	CJR	1
Dichlorodifluoromethane	< 0.54	ug/l	0.54	1.8	1	12/7/99	8260B	CJR	2
1,2-Dichloroethane	< 0.14	ug/l	0.14	0.48	1	12/7/99	8260B	CJR	1
1,1-Dichloroethane	< 0.32	ug/l	0.32	1.1	1	12/7/99	8260B	CJR	1
1,1-Dichloroethene	< 0.61	ug/l	0.61	2	1	12/7/99	8260B	CJR	1
cis-1,2-Dichloroethene	< 0.34	ug/l	0.34	1.1	1	12/7/99	8260B	CJR	1
trans-1,2-Dichloroethene	< 0.46	ug/l	0.46	1.5	1	12/7/99	8260B	CJR	1
1,2-Dichloropropane	< 0.26	ug/l	0.26	0.86	1	12/7/99	8260B	CJR	1
2,2-Dichloropropane	< 0.53	ug/l	0.53	1.8	1	12/7/99	8260B	CJR	1
1,3-Dichloropropane	< 0.23	ug/l	0.23	0.76	1	12/7/99	8260B	CJR	1
Di-isopropyl ether	< 0.21	ug/l	0.21	0.69	1	12/7/99	8260B	CJR	1
EDB (1,2-Dibromoethane)	< 0.24	ug/l	0.24	0.82	1	12/7/99	8260B	CJR	1
Ethylbenzene	< 0.32	ug/l	0.32	1.1	1	12/7/99	8260B	CJR	1
Hexachlorobutadiene	< 0.33	ug/l	0.33	1.1	1	12/7/99	8260B	CJR	1
Isopropylbenzene	< 0.33	ug/l	0.33	1.1	1	12/7/99	8260B	CJR	1
p-Isopropyltoluene	< 0.34	ug/l	0.34	1.1	1	12/7/99	8260B	CJR	1
Methylene chloride	< 2	ug/l	2	6	1	12/7/99	8260B	CJR	1

U.S. Analytical Lab

CURT HOFFART
KEY ENGINEERING
W66N215 COMMERCE COURT
CEDARBURG WI 53012

Project # 0702007
Project Name DECORAH ANNEX
Invoice # E28125

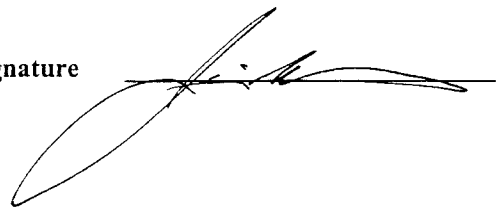
Report Date *14-Dec-99*

Analyte	Result	Units	LOD	LOQ	Dil	Run Date	Method	Analyst	QC Code
Lab Code 5028125C						**Sample Type** Water			
Sample ID FIELD						**Sample Date** 12/3/99			
MTBE	< 0.21	ug/l	0.21	0.69	1	12/7/99	8260B	CJR	1
Naphthalene	< 0.73	ug/l	0.73	2.4	1	12/7/99	8260B	CJR	1
n-Propylbenzene	< 0.36	ug/l	0.36	1.2	1	12/7/99	8260B	CJR	1
1,1,2,2-Tetrachloroethane	< 0.29	ug/l	0.29	1	1	12/7/99	8260B	CJR	1
Tetrachloroethene	< 0.56	ug/l	0.56	1.9	1	12/7/99	8260B	CJR	1
Toluene	< 0.38	ug/l	0.38	1.3	1	12/7/99	8260B	CJR	1
1,2,4-Trichlorobenzene	< 0.17	ug/l	0.17	0.57	1	12/7/99	8260B	CJR	1
1,2,3-Trichlorobenzene	< 0.16	ug/l	0.16	0.54	1	12/7/99	8260B	CJR	1
1,1,1-Trichloroethane	< 0.35	ug/l	0.35	1.2	1	12/7/99	8260B	CJR	1
1,1,2-Trichloroethane	< 0.2	ug/l	0.2	0.66	1	12/7/99	8260B	CJR	1
Trichloroethene	< 0.39	ug/l	0.39	1.3	1	12/7/99	8260B	CJR	1
Trichlorofluoromethane	< 0.52	ug/l	0.52	1.7	1	12/7/99	8260B	CJR	1
1,2,4-Trimethylbenzene	< 0.34	ug/l	0.34	1.1	1	12/7/99	8260B	CJR	1
1,3,5-Trimethylbenzene	< 0.36	ug/l	0.36	1.2	1	12/7/99	8260B	CJR	1
Vinyl Chloride	< 0.32	ug/l	0.32	1.1	1	12/7/99	8260B	CJR	1
m&p-Xylene	< 0.67	ug/l	0.67	2.2	1	12/7/99	8260B	CJR	1
o-Xylene	< 0.37	ug/l	0.37	1.2	1	12/7/99	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.

Authorized Signature



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

v. Date: 12-17-98

Chain # No 16460
Page 1 of 1

Lab I.D. # 5028125
Account No. : Quote No.: 4234

Project #: 0702007
Sampler: (signature)

Sample Integrity - To be completed by receiving lab.
Method of Shipment : Courier Temp. of Temp. Blank. ___ °C On Ice: X
Cooler seal intact upon receipt: X Yes ___ No Labcoded By: SAD

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

Reports To: Curt Hoffart	Invoice To: Accounting
Company Key Engineering	Company
Address W66 N215 Commerce Ct	Address
City State Zip Cedarburg, WI 53012	City State Zip
Phone 262/375-4750	Phone

Sample Handling Request
___ Rush Analysis Date Required ____
X Normal Turn Around

Analysis Requested

Lab I.D.	Sample I.D.	Collection Date	Collection 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)	O&G (EPA 413.1)	PAH (EPA 8310)	Pb	Flash Point	Other Analysis					PID/ FID
5028125																						
A	MW-5	12/3/99	PM	3, 40ml	GW	HCl						X										
B	Trip	↓	↓	1, 40ml	↓	↓						X										
C	Field	↓	↓	1, 40ml	↓	↓						X										

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)	Time	Date	Received By: (sign)	Time	Date
	5:25	12699		10:10	12-6-99

Received in Laboratory By: P. Wards Time: 17:25 Date: 12-6-99

ATTACHMENT 5

BASELINE AND SENSITIVITY ANALYSIS INPUT AND RESULTS
EQUILIBRIUM SOIL:WATER PARTITIONING EQUATION FOR MIGRATION TO GROUNDWATER
SITE SPECIFIC RCL EVALUATION

DECORAH SHOPPING CENTER ANNEX

k (cm/sec)	i (ft/ft)	d (cm)	Reduced Infiltration R (cm/day)	Default Infiltration R (cm/day)	L (cm)	Under Pavement DF	Default Infiltration DF	Koc (ml/g)	foc	p (g/cc)	G (g/cc)	PAL (ug/l)	Reduced Infiltration SSRCL (ug/kg)	Default Infiltration SSRCL (ug/kg)
Baseline Result:														
Tetrachloroethene														
1.30E-03	0.049	152.4	7.00E-04	0.07	2440	492.078	5.911	347	0.018	1.7	2.65	0.5	1839	22
Hydraulic Conductivity Sensitivity Analysis (variation of one order of magnitude from baseline):														
Tetrachloroethene														
1.30E-02	0.049	152.4	7.00E-04	0.07	2440	4911.778	50.108	347	0.018	1.7	2.65	0.5	18360	187
1.30E-04	0.049	152.4	7.00E-04	0.07	2440	50.108	1.491	347	0.018	1.7	2.65	0.5	187	6
Koc Sensitivity Analysis (low and high of range of available literature values):														
Tetrachloroethene														
1.30E-03	0.049	152.4	7.00E-04	0.07	2440	492.078	5.911	178	0.018	1.7	2.65	0.5	1091	13
1.30E-03	0.049	152.4	7.00E-04	0.07	2440	492.078	5.911	977	0.018	1.7	2.65	0.5	4629	56
foc Sensitivity Analysis (variation of one order of magnitude from baseline):														
Tetrachloroethene														
1.30E-03	0.049	152.4	7.00E-04	0.07	2440	492.078	5.911	347	0.18	1.7	2.65	0.5	15670	188
1.30E-03	0.049	152.4	7.00E-04	0.07	2440	492.078	5.911	347	0.0018	1.7	2.65	0.5	456	5