



# Key ENVIRONMENTAL SERVICES, INC.

---

March 26, 1998

Mr. Michael Farley  
Wisconsin Department of Natural Resources  
Remediation and Redevelopment Program  
2300 North Dr. Martin Luther King, Jr. Drive  
Post Office Box 12436  
Milwaukee, Wisconsin 53212

Reference: **Notification of Spill and Case Closure Request**  
Wire and Metal Specialties Company  
4021 South Kinnickinnic Avenue  
St. Francis, Wisconsin 53235-4914

KEY ENVIRONMENTAL SERVICES, INC.  
File No. 0606010

Dear Mr. Farley:

The purpose of this letter is to provide the Wisconsin Department of Natural Resources (WDNR) with notification and cleanup of a small area of stained soil at the above referenced site. This letter has been prepared by Key Environmental Services, Inc. (KEY) on behalf of Wire and Metal Specialties Company. The primary contacts are as follows:

**Site Contact**

Mr. James Carboni  
Wire and Metal Specialties Company  
4021 South Kinnickinnic Avenue  
St. Francis, Wisconsin 53235  
(414) 483-5660

**Environmental Consultant**

Mr. Scott Cramer  
Key Environmental Services, Inc.  
W66 N215 Commerce Court  
Cedarburg, Wisconsin 53012  
(414) 375-4750

The site is located in the City of St. Francis in the northeast  $\frac{1}{4}$  of the northeast  $\frac{1}{4}$  of Section 22, Township 6 North, Range 22 East. Figure 1 presents the location of the subject site; the subject site layout and cleanup location is depicted on Figure 2.

During a Phase I Environmental Site Assessment (ESA) conducted at the subject site, an isolated stained area of soil was observed near the southwest corner of the building on the subject site. KEY conducted a Phase II ESA at the subject site in which hand auger borings were advanced at two (2) locations (HA-1 and HA-2) in the vicinity of the stained area. Each hand auger boring was advanced to approximately 4 feet below ground surface (bgs). A portion of each soil sample was field screened using a photoionization detector (PID). A portion of soil sample HA-1 was submitted to Great Lakes Analytical (GLA) for analysis of volatile organic compounds (VOCs), gasoline range organics (GRO) and diesel range organics (DRO). The analytical results indicated elevated levels of several compounds including concentrations of GRO, DRO and VOCs exceeding NR 720 generic residual contaminant levels (RCLs). A summary of the concentrations detected in soil sample HA-1 is presented in Table 1.

Based on the laboratory results, it was determined that remediation of the impacted soil was necessary. Therefore, one (1) soil sample was collected from the soil stained area on December 8, 1997 and submitted to GLA for Protocol B analysis in order to obtain permission to dispose of the impacted soil. Permission for landfill disposal of the impacted soils at the subject site was granted by Waste Management of North America, Inc. on January 14, 1998. The *GLA Laboratory Report and Chain of Custody*, are presented in Attachment 1.

Mr. Michael Farley  
March 26, 1998  
Page 2

On February 5, 1998, Eli Environmental Contractors, Inc. removed approximately 7.85 tons of impacted soil from the subject site. The impacted soil was transported to Metro Recycling and Disposal Facility (RDF) in Franklin, Wisconsin. A truckload ticket listing, which documents the truckload of impacted soil from the subject site which was delivered to Metro RDF is presented in Attachment 2. Oversight of the activities was provided by KEY. Soils removed from the subject site generally consisted of brown to black fine to coarse silty sand and fine gravel. Groundwater was not encountered during the excavation. Upon completion of the soil removal activities, two (2) soil samples (CS-1 and CS-2) were collected from the base of the excavation, approximately 4 feet bgs. A portion of the soil sample was field screened with a PID, the remaining portion of the sample was submitted to En Chem, Inc. (En Chem) for analysis of DRO, GRO and VOCs.

Laboratory results indicated that elevated concentrations of tetrachloroethene, 1,1,1-trichloroethane, and trichloroethene were detected in soil sample CS-1 and CS-2; no other VOCs, GRO, or DRO were detected in the soil samples. A copy of the *En Chem Laboratory Report and Chain of Custody* for the February 5, 1998 soil samples is presented in Attachment 3. Due to the concentrations detected, it was determined that additional remediation of impacted soil at the subject site was necessary.


Schneider Excavating and Drain Laying, Inc. removed an additional 5.20 tons of impacted soil from the subject site on February 26, 1998 with oversight of the activities provided by KEY. A truckload ticket listing, which documents the truckload of impacted soil removed from the subject site and delivered to Metro RDF is presented in Attachment 2. Two (2) soil samples (CS-3 and CS-4) were collected from the base of the excavation, approximately 5.5 feet bgs. A portion of the soil sample was field screened with a PID, the remaining portion of the sample was submitted to En Chem, Inc. (En Chem) for analysis of VOCs. Analytical results of the soil sample indicated that no VOCs were detected in the soil sample. A copy of the *En Chem Laboratory Report and Chain of Custody* for the February 26, 1998 soil samples is presented in Attachment 4.

The final extent of the soil excavation, which measured approximately 12 feet long by 9 feet wide by 5.5 feet deep, and soil sample locations are depicted on Figure 2.

The stained area has been properly remediated and the clean up documented; therefore, WDNR closure is requested. ~~A real estate transaction, scheduled to close in early May 1998, is pending for the subject site based upon WDNR case closure; therefore, your expeditious review and response would be greatly appreciated.~~ If you have any questions regarding this ~~Case Closure Request~~, please contact the undersigned.

Sincerely,

KEY ENVIRONMENTAL SERVICES, INC.

  
Scott W. Cramer  
Staff Scientist

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

Enclosures: as noted

SWC/kar

cc: Mr. James Carboni, Wire and Metal Specialties Company  
Ms. Diane Marchik, Godfrey & Kahn

TABLE 1

## SUMMARY OF PHASE II ESA SOIL SAMPLE ANALYTICAL RESULTS

WIRE AND METAL SPECIALTIES  
4021 South Kinnickinnic Avenue  
St. Francis, Wisconsin

PARAMETER	HA-1	RCLs
PID (i.u.)	950	NA
Depth (inches)	32-48	NA
GRO (mg/kg)	880	100
DRO (mg/kg)	1,000	100
PVOCs (ug/kg)		
Benzene	1,500	5.5
Toluene	27,000	1,500
Ethylbenzene	12,000	2,900
Xylenes	55,000	4,100
Trimethylbenzenes	44,000	NSE
MTBE	<25	NSE
Detected VOCs		
n-Butylbenzene	14,000	NSE
sec-Butylbenzene	1,600	NSE
Isopropylbenzene	870	NSE
p-Isopropyltoluene	1,500	NSE
Naphthalene	5,400	400*
n-Propylbenzene	5,400	NSE
1,1,1-Trichloroethane	4,200	NSE
Trichloroethene	1,000	NSE

## Notes:

\* - interim NR 720 generic RCL

Bold values indicate concentrations greater than WDNR NR 720 Generic Residual Contaminant Levels.

DRO - diesel range organics

GRO - gasoline range organics

i.u. - instrument units

MTBE - methyl-tert-butyl ether

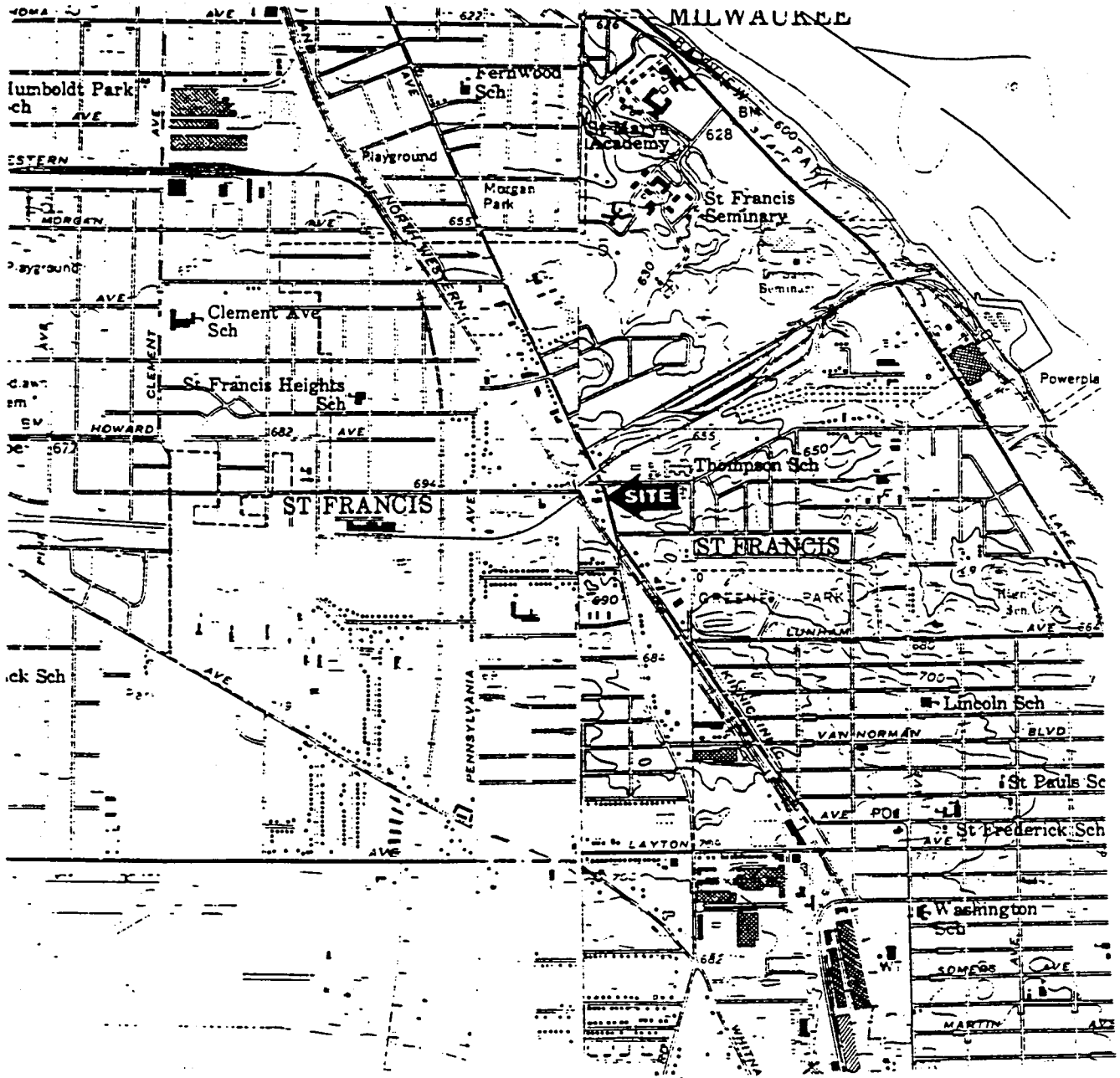
NA - not applicable

NSE - no standard established

PID - photoionization detector

RCL - WDNR NR 720 generic residual contaminant level

VOC - volatile organic compound



SOURCE: USGS South Milwaukee, Wisconsin Quadrangle Map  
 Topographic Map 1958  
 Photorevised 1971  
 Photoinspected 1976

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DATE	REVISIONS	INI.

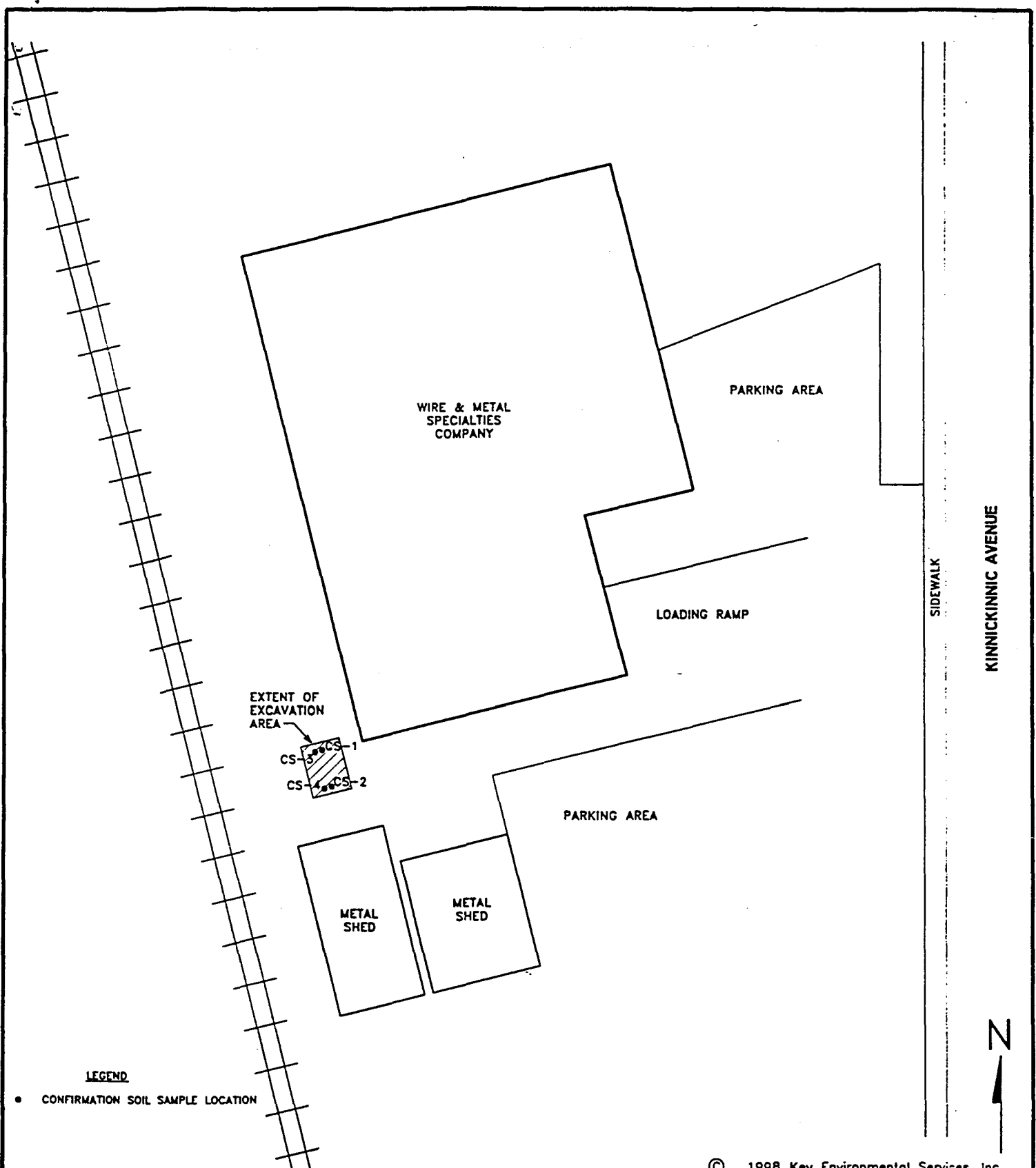
**FIGURE 1  
 SITE LOCATION MAP**

DRN. BY:	S.L.G.	DATE:	02/09/98
DSN. BY:	S.W.C.	FILE NO.:	0606010
CHK. BY:	S.W.C.	DWG. NO.:	06060101
REV. BY:	G.L.J.	SHEET NO.:	1

0 1000 2000  
 SCALE: 1"=2000'

WIRE & METAL SPECIALTIES COMPANY  
 4021 SOUTH KINNICKINNIC AVENUE  
 ST. FRANCIS, WISCONSIN

**Key ENVIRONMENTAL SERVICES, INC.**  
 766 N215 Commerce Court • Cedarburg, WI 53012 • (414) 375-4750  
 6216 Washington Ave. • Racine, WI 53406 • (414) 866-4439



**LEGEND**

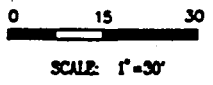
- CONFIRMATION SOIL SAMPLE LOCATION

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DATE	REVISIONS	INI.

**FIGURE 2  
SITE LAYOUT**

DRN. BY:	S.L.G.	DATE:	03/12/98
DSN. BY:	S.W.C.	FILE NO.:	0606010
CHK. BY:	S.W.C.	DWG. NO.:	06060102
REV. BY:	G.L.J.	SHEET NO.:	2



**WIRE & METAL SPECIALTIES COMPANY**  
 4021 SOUTH KINNICKINNIC AVENUE  
 ST. FRANCIS, WISCONSIN

**Key ENVIRONMENTAL SERVICES, INC.**

788 N215 Commerce Court • Cedarburg, WI 53012 • (414) 375-4750  
 6218 Washington Ave. • Racine, WI 53408 • (414) 886-4439

Date: December 18, 1997

Key Environmental Services, Inc.  
W66 N215 Commerce Ct  
Cedarburg, WI 53012  
Attention: Scott Cramer

Project: W&M Specialists

Enclosed are the results from 1 soil sample received at Great Lakes Analytical on December 9, 1997. The requested analyses are listed below:

SAMPLE#	SAMPLE DESCRIPTION	DATE OF COLLECTION	TEST METHOD
7121600	Soil: LS-1	12/8/97	TCLP Metals pH, EPA 9045 Bulk Density, EPA ASTM D5057 Flash Point, EPA ASTM D92-85 Paint Filter, EPA 9095 Chlorine, EPA ASTM D808-81 Reactive Cyanide, EPA 7.3.3 Reactive Sulfide, EPA 7.3.4 PCB's, EPA 8080 TCLP VOC, EPA 8260 TCLP SVOC, EPA 8270 Percent Solids, EPA 7.3.3.1.5

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Please contact me if you have any questions. In the meantime, thank you for the opportunity to work with you on this project.

Very truly yours,

GREAT LAKES ANALYTICAL



Kevin W. Keeley  
Laboratory Director

7121600.KEY <1>



1380 Busch Parkway  
Buffalo Grove, Illinois 60089

Email: info@glalabs.com  
(847) 808-7766 FAX (847) 808-7772

Key Environmental Services, Inc. W66 N215 Commerce Ct Cedarburg, WI 53012 Attention: Scott Cramer	Client Project ID: W&M Specialists Sample Descript: Soil Analysis for: Percent Solids, EPA 7.3.3.1.5 First Sample #: 712-1600	Sampled: Dec 8, 1997 Received: Dec 9, 1997 Analyzed: Dec 10, 1997 Reported: Dec 18, 1997
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**LABORATORY ANALYSIS FOR: Percent Solids, EPA 7.3.3.1.5**

Sample Number	Sample Description	Detection Limit %	Sample Result %
712-1600	LS-1	0.10	86

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Kevin W. Keeley  
Laboratory Director

7121600.KEY <1>

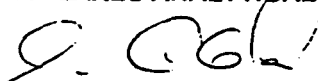
Certifications: AALA-461.01; Illinois EPA-100261; New Jersey DEP-54001; New York DOH-11487;  
Pennsylvania DEP-68-500; Tennessee DOH-02804; Tennessee DEC; Wisconsin DNR-999917160

Key Environmental Services, Inc. W66 N215 Commerce Ct Cedarburg, WI 53012 Attention: Scott Cramer	Client Project ID: W&M Specialists Sample Descript: TCLP Extract: LS-1  Lab Number: 712-1600	Sampled: Dec 8, 1997 Received: Dec 9, 1997  Analyzed: Dec 17-18, 1997 Revised Report: Jan 13, 1998
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**TOXICITY CHARACTERISTIC LEACHING PROCEDURE (TCLP): METALS**

Analyte	EPA Method	Detection Limit mg/L (ppm)	Sample Results mg/L (ppm)
Arsenic.....	3015/7060	0.050	N.D.
Barium.....	3015/6010	2.0	N.D.
Cadmium.....	3015/6010	0.010	0.016
Chromium.....	3015/6010	0.010	N.D.
Copper.....	3015/6010	0.050	2.5
Lead.....	3015/7421	0.0050	0.067
Mercury.....	7470	0.0020	N.D.
Nickel.....	3015/6010	0.050	0.19
Selenium.....	3015/7740	0.010	N.D.
Silver.....	3015/6010	0.050	N.D.
Zinc.....	3015/6010	0.050	13

Analytes reported as N.D. were not present above the stated limit of detection.

**GREAT LAKES ANALYTICAL**


 Kevin W. Keeley  
 Laboratory Director

7121600.KEY &lt;2&gt;





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Buffalo Grove, Illinois 60089

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Key Environmental Services, Inc. W66 N215 Commerce Ct Cedarburg, WI 53012 Attention: Scott Cramer	Client Project ID: W&M Specialists Sample Descript: Soil: LS-1 Lab Number: 712-1600	Sampled: Dec 8, 1997 Received: Dec 9, 1997 Analyzed: Dec 11, 1997 Reported: Dec 18, 1997
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### LABORATORY ANALYSIS

Analyte	EPA Method	Temperature °C	Sample Result pH units
pH.....	9045	21	7.8

GREAT LAKES ANALYTICAL

Kevin W. Keeley  
Laboratory Director

7121600.KEY <3>

Certifications: AALA-461.01; Illinois EPA-100261; New Jersey DEP-54001; New York DOH-11487;  
Pennsylvania DEP-68-500; Tennessee DOH-02804; Tennessee DEC; Wisconsin DNR-999917160



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-Key Environmental Services, Inc. W66 N215 Commerce Ct Cedarburg, WI 53012 Attention: Scott Cramer	Client Project ID: W&M Specialists Sample Descript: Soll: LS-1  Lab Number: 712-1600	Sampled: Dec 8, 1997 Received: Dec 9, 1997  Analyzed: Dec 11, 1997 Reported: Dec 18, 1997
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### LABORATORY ANALYSIS

Analyte	EPA Method	Sample Results
Bulk Density.....	ASTMD5057 .....	2.2
Flash Point, Open Cup(F).....	ASTMD92-85 .....	>200
Paint Filter.....	9095 .....	Pass

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Kevin W. Keeley  
Laboratory Director

7121600.KEY <4>

Certifications: AALA-461.01; Illinois EPA-100261; New Jersey DEP-54001; New York DOH-11487;  
Pennsylvania DEP-68-500; Tennessee DOH-02804; Tennessee DEC; Wisconsin DNR-999917160



Key Environmental Services, Inc. W66 N215 Commerce Ct Cedarburg, WI 53012 Attention: Scott Cramer	Client Project ID: W&M Specialists Sample Descript: Soil: LS-1  Lab Number: 712-1600	Sampled: Dec 8, 1997 Received: Dec 9, 1997  Analyzed: Dec 15, 1997 Reported: Dec 18, 1997
--	---	---

**LABORATORY ANALYSIS**

Analyte	EPA Method	Detection Limit %	Sample Results %
Chlorine.....	ASTM-D808-81	0.48	N.D.

Analytes reported as N.D. were not present above the stated limit of detection.

**GREAT LAKES ANALYTICAL**

Kevin W. Keeley  
Laboratory Director

**Please Note:**  
The sample for Percent Chlorine was analyzed at Robert E. Lee and Associates, Inc. in Green Bay, WI.

7121600.KEY <5>



**GREAT  
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Key Environmental Services, Inc. W66 N215 Commerce Ct Cedarburg, WI 53012 Attention: Scott Cramer	Client Project ID: W&M Specialists Sample Descript: Soil: LS-1  Lab Number: 712-1600	Sampled: Dec 8, 1997 Received: Dec 9, 1997 Extracted: Dec 11, 1997 Analyzed: Dec 11, 1997 Reported: Dec 18, 1997
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**LABORATORY ANALYSIS**

Analyte	EPA Method	Detection Limit mg/kg, Dry Weight	Sample Results mg/kg, Dry Weight
Reactive Cyanide.....	7.3.3	0.25	N.D.
Reactive Sulfide.....	7.3.4	6.5	N.D.

Analytes reported as N.D. were not present above the stated limit of detection.

**GREAT LAKES ANALYTICAL**

Kevin W. Keeley  
Laboratory Director

7121600.KEY <6>

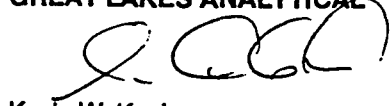
Certifications: AALA-461.01; Illinois EPA-100261; New Jersey DEP-54001; New York DOH-11487;  
Pennsylvania DEP-68-500; Tennessee DOH-02804; Tennessee DEC; Wisconsin DNR-999917160

Key Environmental Services, Inc. W66 N215 Commerce Ct Cedarburg, WI 53012 Attention: Scott Cramer	Client Project ID: W&M Specialists Sample Descript: Soil: LS-1 Analysis Method: EPA 8080 Lab Number: 712-1600	Sampled: Dec 8, 1997 Received: Dec 9, 1997 Extracted: Dec 15, 1997 Analyzed: Dec 17, 1997 Reported: Dec 18, 1997
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**POLYCHLORINATED BIPHENYLS (EPA 8080)**

Analyte	Detection Limit µg/kg, Dry Weight	Sample Results µg/kg, Dry Weight
PCB 1016.....	50	N.D.
PCB 1221.....	50	N.D.
PCB 1232.....	50	N.D.
PCB 1242.....	50	N.D.
PCB 1248.....	50	N.D.
PCB 1254.....	50	N.D.
PCB 1260.....	50	N.D.

Analytes reported as N.D. were not present above the stated limit of detection.

**GREAT LAKES ANALYTICAL**


 Kevin W. Keeley  
 Laboratory Director

7121600.KEY &lt;7&gt;



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Key Environmental Services, Inc.  
W66 N215 Commerce Ct  
Cedarburg, WI 53012  
Attention: Scott Cramer

Client Project ID: W&M Specialists  
Sample Descript: TCLP Extract: LS-1  
Analysis Method: EPA 8260  
Lab Number: 712-1600

Sampled: Dec 8, 1997  
Received: Dec 9, 1997  
Analyzed: Dec 12, 1997  
Reported: Dec 15, 1997

### TCLP VOLATILES

Analyte	Detection Limit mg/L	Sample Results mg/L
Benzene.....	0.40	N.D.
Carbon tetrachloride.....	0.40	N.D.
Chlorobenzene.....	0.40	N.D.
Chloroform.....	0.40	N.D.
1,2-Dichloroethane.....	0.40	N.D.
1,1-Dichloroethylene.....	0.40	N.D.
Methyl ethyl ketone.....	100	N.D.
Tetrachloroethylene.....	0.40	N.D.
Trichloroethylene.....	0.40	N.D.
Vinyl chloride.....	0.16	N.D.

Analytes reported as N.D. were not present above the stated limit of detection.

GREAT LAKES ANALYTICAL

Kevin W. Keeley  
Laboratory Director

7121600.KEY <8>

Key Environmental Services, Inc.  
 W66 N215 Commerce Ct  
 Cedarburg, WI 53012  
 Attention: Scott Cramer

 Client Project ID: W&M Specialists  
 Sample Descript: TCLP Extract: LS-1  
 Analysis Method: EPA 8270  
 Lab Number: 712-1600

 Sampled: Dec 8, 1997  
 Received: Dec 9, 1997  
 Extracted: Dec 17, 1997  
 Analyzed: Dec 18, 1997  
 Revised Report: Jan 13, 1998

**TCLP SEMI-VOLATILES**

Analyte	Detection Limit mg/L	Sample Results mg/L
o-Cresol.....	20	N.D.
m-, p-Cresol.....	20	N.D.
Cresol.....	20	N.D.
1,4-Dichlorobenzene.....	0.75	N.D.
2,4-Dinitrotoluene.....	0.013	N.D.
Hexachlorobenzene.....	0.013	N.D.
Hexachloro-1,3-butadiene.....	0.050	N.D.
Hexachloroethane.....	0.30	N.D.
Nitrobenzene.....	0.20	N.D.
Pentachlorophenol.....	10	N.D.
Pyridine.....	0.50	N.D.
2,4,5-Trichlorophenol.....	40	N.D.
2,4,6-Trichlorophenol.....	0.20	N.D.
Phenol.....	0.20	N.D.

Analytes reported as N.D. were not present above the stated limit of detection.

**GREAT LAKES ANALYTICAL**


 Kevin W. Keeley  
 Laboratory Director

7121600.KEY &lt;9&gt;

**CHAIN OF CUSTODY REPORT**

Client: **KEY ENVIRONMENTAL SERV.** Bill To: **DAME** TAT: 5 DAY 4 DAY 3 DAY 2 DAY 1 DAY < 24 HRS.  
 Address: **W66 N215 COMMERCE CT CEDARBURG WI 53012** Address: \_\_\_\_\_ DATE RESULTS NEEDED: **12-16-97**  
 Report to: **SCOTT CRAMER** Phone #: **414 375-1171** State & Program: **WIS** Phone #: ( ) Fax #: ( ) TEMPERATURE UPON RECEIPT: **ON ICE KE**  
 Project: **WEL Specialists** AIR BILL NO. **12/19/97**

FIELD ID, LOCATION	DATE COLLECTED	TIME COLLECTED	SAMPLE MATRIX	PRESERVATIVES	NO. CONTAINERS	TYPE CONTAINERS	Protocols	SAMPLE CONTROL			LABORATORY ID NUMBER
								COARDED	SPONGE	IMPROMU	
1] <b>LS-1 STAGED AREA</b>	<b>12/8</b>	<b>12:50</b>	<b>Soil</b>	<b>—</b>	<b>2</b>	<b>1LT</b>	<b>X</b>				<b>7121600</b>
2]											
3]											
4]											
5]											
6]											
7]											
8]											
9]											
10]											

RELINQUISHED **12/8/97** RECEIVED **12/15/97** RELINQUISHED RECEIVED  
 RELINQUISHED RECEIVED RELINQUISHED RECEIVED

COMMENTS: \_\_\_\_\_ PAGE \_\_\_\_\_ OF \_\_\_\_\_

GREENE LAKES ANALYTICAL 84/808/112 12/22 '97 15:55 NO.020 03/03



# CHAIN OF CUSTODY REPORT

SUB COC  
TO: REL

1380 Busch Parkway  
Buffalo Grove, IL 60089-4505  
(847) 808-7766  
FAX (847) 808-7772

20725 Watertown Road  
Brookfield, WI 53501  
(414) 798-1030  
FAX (414) 798-1066

Client: <b>GREAT LAKES ANALYTICAL</b>	Bill To:	TAT: 5 DAY <u>4 DAY</u> 3 DAY 2 DAY 1 DAY < 24 HRS.
Address: <b>1380 BUSCH PARKWAY</b>	Address:	DATE RESULTS NEEDED: <b>12-16-97</b>
Address: <b>BUFFALO GROVE, IL 60089-4505</b>	Address:	TEMPERATURE UPON RECEIPT: _____
Report to: <b>Jan Groke</b> Phone #: ( ) Fax #: ( )	State & Program:	AIR BILL NO. _____
Phone #: ( ) Fax #: ( )	Phone #: ( ) Fax #: ( )	

Project: <b>Key-W+M Spec</b>	DATE COLLECTED	TIME COLLECTED	SAMPLE MATRIX	PRESERVATIVES	NO. CONTAINERS	TYPE CONTAINERS	Chlorine	SAMPLE CONTROL				LABORATORY ID NUMBER
								CRACKED/BROKEN	IMPROPERLY SEALED	GOOD	CONDITION	
Sampler:												
PO/Quote #: <b>SUB-0026</b>												
FIELD ID, LOCATION												
1 <b>7121600</b>	<b>12/8</b>		<b>Soil</b>		<b>1</b>	<b>tee</b>	<b>✓</b>					
2												
3												
4												
5												
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7												
8												
9												
10												

RELINQUISHED <b>K. Kull</b>	RECEIVED <b>12-9-97</b>	RELINQUISHED	RECEIVED
RELINQUISHED	RECEIVED	RELINQUISHED	RECEIVED

COMMENTS: \_\_\_\_\_

PAGE \_\_\_\_\_ OF \_\_\_\_\_

JCS48 104

**CHAIN OF CUSTODY REPORT**

Client: **KEY ENVIRONMENTAL SERV.** Bill To: **DAME** TAT: **5 DAY** 4 DAY 3 DAY 2 DAY 1 DAY < 24 HRS.  
 Address: **W66 N215 COMMERCE CT** Address: DATE RESULTS NEEDED: **12-16-97**  
**CEDARBURGH WI 53012** TEMPERATURE UPON RECEIPT: \_\_\_\_\_  
 Report to: **SCOTT CRAMER** Phone #: **(414) 375-4778** State & Program: **WIS** Phone #: ( ) Fax #: ( ) AIR BILL NO. \_\_\_\_\_  
 Project: **WELLSPECIALIES**

FIELD ID, LOCATION	DATE COLLECTED	TIME COLLECTED	SAMPLE MATRIX	PRESERVATIVES	NO. CONTAINERS	TYPE CONTAINERS	PROTOCOLS	SAMPLE CONTROL			LABORATORY ID NUMBER
								CRACKED/BROKEN	IMPROPERLY SEALED	GOOD CONDITION	
<b>1 LS-1 STAGED AREA</b>	<b>12/8</b>	<b>12:50</b>	<b>Soil</b>	<b>—</b>	<b>2</b>	<b>1LT</b>	<b>X</b>				<b>✓ 7121600</b>
2											
3											
4											
5											
6											
7											
8											
9											
10											

RELINQUISHED: **JL Bolz** 12897 RECEIVED: **MR [Signature]** 12-8  
 RELINQUISHED: \_\_\_\_\_ RECEIVED: \_\_\_\_\_ 1125  
 RELINQUISHED: \_\_\_\_\_ RECEIVED: \_\_\_\_\_

COMMENTS: \_\_\_\_\_ PAGE \_\_\_\_\_ OF \_\_\_\_\_

002/002

Metro RDF

1006 Ticket Listing For: 2/1/98 - 3/11/98

13-Mar-98

Day	Ticket	Cust.#	Customer Name	Truck #	Generator	Profile	Material #	Commodity Code	# Extra Codes	Total Yardage	Tons	Total Fee	Comments	
25/98	578918	0013516	KEY ENVIRONMENTAL	0	WIRE & METAL SPECIALTIES	26890	615235	CSI	1	6.00	7.850	\$162.60		
27/98	579981	0013516	KEY ENVIRONMENTAL	39	WIRE & METAL SPECIALTIES	26890	615236	CSI	1	0.00	5.200	\$120.65		
Grand Total:										2	6.00	13.050	\$303.55	

WM-WI METRO RDF

03/13/98 08:22 FAX 414 529 6192





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800-7-ENCHEM  
FAX: 920-469-8827

### - Analytical Report -

Project Name : WIRE & METAL SPEC.

Project Number : 0606010 RE

WI DNR LAB ID : 405132750

Client: KEY ENVIRONMENTAL SERVICES IN

Report Date : 2/12/98

Sample No.	Field ID	Collection Date	Sample No.	Field ID	Collection Date
880645-001	CS-1	2/5/98			
880645-002	CS-2	2/5/98			
880645-003	MEOH BLANK	2/5/98			

The "Q" flag is present when a parameter has been detected below the LOQ. This indicates the results are qualified due to the uncertainty of the parameter concentration between the LOD and the LOQ.

Soil VOC detects are corrected for the total solids, unless otherwise noted.

I certify that the data contained in this Final Report has been generated and reviewed in accordance with approved methods and Laboratory Standard Operating Procedure. Exceptions, if any, are discussed in the accompanying sample narrative. Release of this final report is authorized by Laboratory management, as is verified by the following signature.

J. Duranceau  
Approval Signature

2/12/98  
Date



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Lab#:	TestGroupID:	Comment:
880645-001	GRO-S-ME	Sample received overweight (35.9 grams).
CS-1		



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**- Analytical Report -**

Project Name : WIRE & METAL SPEC.  
Project Number : 0606010 RE  
Field ID : CS-1  
Lab Sample Number : 880645-001  
WI DNR LAB ID : 405132750

Client : KEY ENVIRONMENTAL SERVICES INC  
Report Date : 2/11/98  
Collection Date : 2/5/98  
Matrix Type : SOIL

**Inorganic Results**

Test	Result	LOD	LOQ	EQL	Units	Code	Analysis Date	Prep Method	Analysis Method	Analyst
Solids, percent	86.4				%		2/9/98	SM2540G	SM2540G	PHS

**Organic Results**

Preservation Date : 2/9/98

**DIESEL RANGE ORGANICS - SOIL**      Prep Method: Wi MOD DRO      Prep Date: 2/9/98      Analyst: PHS

Analyte	Result	LOD	LOQ	EQL	Units	Code	Analysis Date	Analysis Method
DIESEL RANGE ORGANICS	< 3.3			3.3	mg/kg		2/9/98	Wi MOD DRO
Blank spike	95			50	%Recov		2/9/98	Wi MOD DRO
Blank spike duplicate	87			50	%Recov		2/9/98	Wi MOD DRO
Blank	< 5.0			5.0	mg/kg		2/9/98	Wi MOD DRO

**Organic Results**

**EPA 8260 VOLATILE LIST - SOIL/METHANOL**      Prep Method: SW846 5030      Prep Date: 2/9/98      Analyst: RJN

Analyte	Result	LOD	LOQ	EQL	Units	Code	Analysis Date	Analysis Method
Benzene	< 25	25	60		ug/kg		2/9/98	SW846 8260
Bromobenzene	< 25	25	60		ug/kg		2/9/98	SW846 8260
Bromochloromethane	< 25	25	60		ug/kg		2/9/98	SW846 8260
Bromodichloromethane	< 25	25	60		ug/kg		2/9/98	SW846 8260
Bromoform	< 25	25	60		ug/kg		2/9/98	SW846 8260
Bromomethane	< 25	25	60		ug/kg		2/9/98	SW846 8260
s-Butylbenzene	< 25	25	60		ug/kg		2/9/98	SW846 8260
t-Butylbenzene	< 25	25	60		ug/kg		2/9/98	SW846 8260
n-Butylbenzene	< 25	25	60		ug/kg		2/9/98	SW846 8260
Carbon tetrachloride	< 25	25	60		ug/kg		2/9/98	SW846 8260
Chloroform	< 25	25	60		ug/kg		2/9/98	SW846 8260
Chlorobenzene	< 25	25	60		ug/kg		2/9/98	SW846 8260
Chlorodibromomethane	< 25	25	60		ug/kg		2/9/98	SW846 8260

All soil results are reported on a dry weight basis unless otherwise noted.



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## - Analytical Report -

Project Name : WIRE & METAL SPEC.

Project Number : 0606010 RE

Field ID : CS-1

Lab Sample Number : 880645-001

WI DNR LAB ID : 405132750

Client : KEY ENVIRONMENTAL SERVICES INC

Report Date : 2/11/98

Collection Date : 2/5/98

Matrix Type : SOIL

Chloroethane	< 25	25	60	ug/kg	2/9/98	SW846 8260
Chloromethane	< 25	25	60	ug/kg	2/9/98	SW846 8260
2-Chlorotoluene	< 25	25	60	ug/kg	2/9/98	SW846 8260
4-Chlorotoluene	< 25	25	60	ug/kg	2/9/98	SW846 8260
1,2-Dibromo-3-chloropropane	< 25	25	60	ug/kg	2/9/98	SW846 8260
1,2-Dibromoethane	< 25	25	60	ug/kg	2/9/98	SW846 8260
Dibromomethane	< 25	25	60	ug/kg	2/9/98	SW846 8260
1,3-Dichlorobenzene	< 25	25	60	ug/kg	2/9/98	SW846 8260
1,4-Dichlorobenzene	< 25	25	60	ug/kg	2/9/98	SW846 8260
1,2-Dichloroethane	< 25	25	60	ug/kg	2/9/98	SW846 8260
1,2-Dichlorobenzene	< 25	25	60	ug/kg	2/9/98	SW846 8260
1,1-Dichloroethene	< 25	25	60	ug/kg	2/9/98	SW846 8260
cis-1,2-Dichloroethene	< 25	25	60	ug/kg	2/9/98	SW846 8260
Dichlorodifluoromethane	< 25	25	60	ug/kg	2/9/98	SW846 8260
trans-1,2-Dichloroethene	< 25	25	60	ug/kg	2/9/98	SW846 8260
1,2-Dichloropropane	< 25	25	60	ug/kg	2/9/98	SW846 8260
1,1-Dichloroethane	< 25	25	60	ug/kg	2/9/98	SW846 8260
1,3-Dichloropropane	< 25	25	60	ug/kg	2/9/98	SW846 8260
2,2-Dichloropropane	< 25	25	60	ug/kg	2/9/98	SW846 8260
1,1-Dichloropropene	< 25	25	60	ug/kg	2/9/98	SW846 8260
cis-1,3-Dichloropropene	< 25	25	60	ug/kg	2/9/98	SW846 8260
trans-1,3-Dichloropropene	< 25	25	60	ug/kg	2/9/98	SW846 8260
Diisopropyl ether	< 25	25	60	ug/kg	2/9/98	SW846 8260
Ethylbenzene	< 25	25	60	ug/kg	2/9/98	SW846 8260
Fluorotrichloromethane	< 25	25	60	ug/kg	2/9/98	SW846 8260
Hexachlorobutadiene	< 25	25	60	ug/kg	2/9/98	SW846 8260
Isopropylbenzene	< 25	25	60	ug/kg	2/9/98	SW846 8260
p-Isopropyltoluene	< 25	25	60	ug/kg	2/9/98	SW846 8260
Methylene chloride	< 25	25	60	ug/kg	2/9/98	SW846 8260
Methyl-tert-butyl-ether	< 25	25	60	ug/kg	2/9/98	SW846 8260
Naphthalene	< 25	25	60	ug/kg	2/9/98	SW846 8260
n-Propylbenzene	< 25	25	60	ug/kg	2/9/98	SW846 8260
Styrene	< 25	25	60	ug/kg	2/9/98	SW846 8260
1,1,2,2-Tetrachloroethane	< 25	25	60	ug/kg	2/9/98	SW846 8260
1,1,1,2-Tetrachloroethane	< 25	25	60	ug/kg	2/9/98	SW846 8260

All soil results are reported on a dry weight basis unless otherwise noted.





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## - Analytical Report -

Project Name : WIRE & METAL SPEC.

Project Number : 0606010 RE

Field ID : CS-1

Lab Sample Number : 880645-001

WI DNR LAB ID : 405132750

Client : KEY ENVIRONMENTAL SERVICES INC

Report Date : 2/11/98

Collection Date : 2/5/98

Matrix Type : SOIL

Tetrachloroethene	130	29	70	ug/kg	2/9/98	SW846 8260
Toluene	< 25	25	60	ug/kg	2/9/98	SW846 8260
1,2,3-Trichlorobenzene	< 25	25	60	ug/kg	2/9/98	SW846 8260
1,2,4-Trichlorobenzene	< 25	25	60	ug/kg	2/9/98	SW846 8260
1,1,1-Trichloroethane	420	29	70	ug/kg	2/9/98	SW846 8260
1,1,2-Trichloroethane	< 25	25	60	ug/kg	2/9/98	SW846 8260
1,2,4-Trimethylbenzene	< 25	25	60	ug/kg	2/9/98	SW846 8260
Trichloroethene	1500	29	70	ug/kg	2/9/98	SW846 8260
1,2,3-Trichloropropane	< 25	25	60	ug/kg	2/9/98	SW846 8260
1,3,5-Trimethylbenzene	< 25	25	60	ug/kg	2/9/98	SW846 8260
Vinyl chloride	< 25	25	60	ug/kg	2/9/98	SW846 8260
Xylenes, -m, -p	< 25	25	60	ug/kg	2/9/98	SW846 8260
Xylene, -o	< 25	25	60	ug/kg	2/9/98	SW846 8260
4-Bromofluorobenzene	105			%Recov	2/9/98	SW846 8260
Dibromofluoromethane	106			%Recov	2/9/98	SW846 8260
Toluene-d8	111			%Recov	2/9/98	SW846 8260

## Organic Results

GASOLINE RANGE ORGANICS - SOIL/METHANOL				Prep Method: WI MOD.GRO		Prep Date: 2/9/98	Analyst: EGS	
Analyte	Result	LOD	LOQ	EQL	Units	Code	Analysis Date	Analysis Method
Gasoline Range Organics	< 2.9			2.9	mg/kg		2/11/98	WDNR MOD GRO
Blank Spike	97			1.0	%Recov		2/11/98	WDNR MOD GRO
Blank Spike Duplicate	101			1.00	%Recov		2/11/98	WDNR MOD GRO
Blank	< 2.5			2.5	mg/kg		2/11/98	WDNR MOD GRO

All soil results are reported on a dry weight basis unless otherwise noted.



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## - Analytical Report -

Project Name : WIRE & METAL SPEC.  
 Project Number : 0606010 RE  
 Field ID : CS-2  
 Lab Sample Number : 880645-002  
 WI DNR LAB ID : 405132750

Client : KEY ENVIRONMENTAL SERVICES INC  
 Report Date : 2/11/98  
 Collection Date : 2/5/98  
 Matrix Type : SOIL

### Inorganic Results

Test	Result	LOD	LOQ	EQL	Units	Code	Analysis Date	Prep Method	Analysis Method	Analyst
Solids, percent	86.7				%		2/9/98	SM2540G	SM2540G	PHS

### Organic Results

Preservation Date : 2/9/98

DIESEL RANGE ORGANICS - SOIL      Prep Method: Wi MOD DRO      Prep Date: 2/9/98      Analyst: PHS

Analyte	Result	LOD	LOQ	EQL	Units	Code	Analysis Date	Analysis Method
DIESEL RANGE ORGANICS	< 3.5			3.5	mg/kg		2/9/98	Wi MOD DRO
Blank spike	95			50	%Recov		2/9/98	Wi MOD DRO
Blank spike duplicate	87			50	%Recov		2/9/98	Wi MOD DRO
Blank	< 5.0			5.0	mg/kg		2/9/98	Wi MOD DRO

### Organic Results

EPA 8260 VOLATILE LIST - SOIL/METHANOL      Prep Method: SW846 5030      Prep Date: 2/9/98      Analyst: RJN

Analyte	Result	LOD	LOQ	EQL	Units	Code	Analysis Date	Analysis Method
Benzene	< 25	25	60		ug/kg		2/9/98	SW846 8260
Bromobenzene	< 25	25	60		ug/kg		2/9/98	SW846 8260
Bromochloromethane	< 25	25	60		ug/kg		2/9/98	SW846 8260
Bromodichloromethane	< 25	25	60		ug/kg		2/9/98	SW846 8260
Bromoform	< 25	25	60		ug/kg		2/9/98	SW846 8260
Bromomethane	< 25	25	60		ug/kg		2/9/98	SW846 8260
s-Butylbenzene	< 25	25	60		ug/kg		2/9/98	SW846 8260
t-Butylbenzene	< 25	25	60		ug/kg		2/9/98	SW846 8260
n-Butylbenzene	< 25	25	60		ug/kg		2/9/98	SW846 8260
Carbon tetrachloride	< 25	25	60		ug/kg		2/9/98	SW846 8260
Chloroform	< 25	25	60		ug/kg		2/9/98	SW846 8260
Chlorobenzene	< 25	25	60		ug/kg		2/9/98	SW846 8260
Chlorodibromomethane	< 25	25	60		ug/kg		2/9/98	SW846 8260

All soil results are reported on a dry weight basis unless otherwise noted.



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## - Analytical Report -

Project Name : WIRE & METAL SPEC.

Project Number : 0606010 RE

Field ID : CS-2

Lab Sample Number : 880645-002

WI DNR LAB ID : 405132750

Client : KEY ENVIRONMENTAL SERVICES INC

Report Date : 2/11/98

Collection Date : 2/5/98

Matrix Type : SOIL

Chloroethane	< 25	25	60	ug/kg	2/9/98	SW846 8260
Chloromethane	< 25	25	60	ug/kg	2/9/98	SW846 8260
2-Chlorotoluene	< 25	25	60	ug/kg	2/9/98	SW846 8260
4-Chlorotoluene	< 25	25	60	ug/kg	2/9/98	SW846 8260
1,2-Dibromo-3-chloropropane	< 25	25	60	ug/kg	2/9/98	SW846 8260
1,2-Dibromoethane	< 25	25	60	ug/kg	2/9/98	SW846 8260
Dibromomethane	< 25	25	60	ug/kg	2/9/98	SW846 8260
1,3-Dichlorobenzene	< 25	25	60	ug/kg	2/9/98	SW846 8260
1,4-Dichlorobenzene	< 25	25	60	ug/kg	2/9/98	SW846 8260
1,2-Dichloroethane	< 25	25	60	ug/kg	2/9/98	SW846 8260
1,2-Dichlorobenzene	< 25	25	60	ug/kg	2/9/98	SW846 8260
1,1-Dichloroethene	< 25	25	60	ug/kg	2/9/98	SW846 8260
cis-1,2-Dichloroethene	< 25	25	60	ug/kg	2/9/98	SW846 8260
Dichlorodifluoromethane	< 25	25	60	ug/kg	2/9/98	SW846 8260
trans-1,2-Dichloroethene	< 25	25	60	ug/kg	2/9/98	SW846 8260
1,2-Dichloropropane	< 25	25	60	ug/kg	2/9/98	SW846 8260
1,1-Dichloroethane	< 25	25	60	ug/kg	2/9/98	SW846 8260
1,3-Dichloropropane	< 25	25	60	ug/kg	2/9/98	SW846 8260
2,2-Dichloropropane	< 25	25	60	ug/kg	2/9/98	SW846 8260
1,1-Dichloropropene	< 25	25	60	ug/kg	2/9/98	SW846 8260
cis-1,3-Dichloropropene	< 25	25	60	ug/kg	2/9/98	SW846 8260
trans-1,3-Dichloropropene	< 25	25	60	ug/kg	2/9/98	SW846 8260
Diisopropyl ether	< 25	25	60	ug/kg	2/9/98	SW846 8260
Ethylbenzene	< 25	25	60	ug/kg	2/9/98	SW846 8260
Fluorotrichloromethane	< 25	25	60	ug/kg	2/9/98	SW846 8260
Hexachlorobutadiene	< 25	25	60	ug/kg	2/9/98	SW846 8260
Isopropylbenzene	< 25	25	60	ug/kg	2/9/98	SW846 8260
p-Isopropyltoluene	< 25	25	60	ug/kg	2/9/98	SW846 8260
Methylene chloride	< 25	25	60	ug/kg	2/9/98	SW846 8260
Methyl-tert-butyl-ether	< 25	25	60	ug/kg	2/9/98	SW846 8260
Naphthalene	< 25	25	60	ug/kg	2/9/98	SW846 8260
n-Propylbenzene	< 25	25	60	ug/kg	2/9/98	SW846 8260
Styrene	< 25	25	60	ug/kg	2/9/98	SW846 8260
1,1,2,2-Tetrachloroethane	< 25	25	60	ug/kg	2/9/98	SW846 8260
1,1,1,2-Tetrachloroethane	< 25	25	60	ug/kg	2/9/98	SW846 8260

All soil results are reported on a dry weight basis unless otherwise noted.



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## - Analytical Report -

Project Name : WIRE & METAL SPEC.	Client : KEY ENVIRONMENTAL SERVICES INC
Project Number : 0606010 RE	Report Date : 2/11/98
Field ID : CS-2	Collection Date : 2/5/98
Lab Sample Number : 880645-002	Matrix Type : SOIL
WI DNR LAB ID : 405132750	

Tetrachloroethene	110	29	70	ug/kg	2/9/98	SW846 8260
Toluene	< 25	25	60	ug/kg	2/9/98	SW846 8260
1,2,3-Trichlorobenzene	< 25	25	60	ug/kg	2/9/98	SW846 8260
1,2,4-Trichlorobenzene	< 25	25	60	ug/kg	2/9/98	SW846 8260
1,1,1-Trichloroethane	380	29	70	ug/kg	2/9/98	SW846 8260
1,1,2-Trichloroethane	< 25	25	60	ug/kg	2/9/98	SW846 8260
1,2,4-Trimethylbenzene	< 25	25	60	ug/kg	2/9/98	SW846 8260
Trichloroethene	1200	29	70	ug/kg	2/9/98	SW846 8260
1,2,3-Trichloropropane	< 25	25	60	ug/kg	2/9/98	SW846 8260
1,3,5-Trimethylbenzene	< 25	25	60	ug/kg	2/9/98	SW846 8260
Vinyl chloride	< 25	25	60	ug/kg	2/9/98	SW846 8260
Xylenes, -m, -p	< 25	25	60	ug/kg	2/9/98	SW846 8260
Xylene, -o	< 25	25	60	ug/kg	2/9/98	SW846 8260
4-Bromofluorobenzene	93			%Recov	2/9/98	SW846 8260
Dibromofluoromethane	105			%Recov	2/9/98	SW846 8260
Toluene-d8	104			%Recov	2/9/98	SW846 8260

### Organic Results

GASOLINE RANGE ORGANICS - SOIL/METHANOL				Prep Method: WI MOD.GRO		Prep Date: 2/9/98	Analyst: EGS	
Analyte	Result	LOD	LOQ	EQL	Units	Code	Analysis Date	Analysis Method
Gasoline Range Organics	< 2.9			2.9	mg/kg		2/11/98	WDNR MOD GRO
Blank Spike	97			1.0	%Recov		2/11/98	WDNR MOD GRO
Blank Spike Duplicate	101			1.00	%Recov		2/11/98	WDNR MOD GRO
Blank	< 2.5			2.5	mg/kg		2/11/98	WDNR MOD GRO

All soil results are reported on a dry weight basis unless otherwise noted.



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**- Analytical Report -**

**Project Name : WIRE & METAL**  
**Project Number : 0606010 RE**  
**Field ID : CS-4 S END OF CAVITY**  
**Lab Sample Number : 881081-002**  
**WI DNR LAB ID : 405132750**

**Client : KEY ENVIRONMENTAL SERVICES INC**  
**Report Date : 3/3/98**  
**Collection Date : 2/26/98**  
**Matrix Type : SOIL**

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Vinyl chloride	< 25	25	60	ug/kg	3/2/98	SW846 8260
Xylenes, -m, -p	< 25	25	60	ug/kg	3/2/98	SW846 8260
Xylene, -o	< 25	25	60	ug/kg	3/2/98	SW846 8260
4-Bromofluorobenzene	92			%Recov	3/2/98	SW846 8260
Dibromofluoromethane	119			%Recov	3/2/98	SW846 8260
Toluene-d8	119			%Recov	3/2/98	SW846 8260

**All soil results are reported on a dry weight basis unless otherwise noted.**



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## - Analytical Report -

Project Name : WIRE & METAL  
Project Number : 0606010 RE  
Field ID : MEOH BLANK  
Lab Sample Number : 881081-003  
WI DNR LAB ID : 405132750

Client : KEY ENVIRONMENTAL SERVICES INC  
Report Date : 3/4/98  
Collection Date : 2/26/98  
Matrix Type : METHANOL

### Organic Results

#### EPA 8260 VOLATILE LIST - METHANOL

Prep Method: SW846 5030

Prep Date: 3/2/98

Analyst: RJN

Analyte	Result	LOD	LOQ	EQL	Units	Code	Analysis Date	Analysis Method
Benzene	< 25	25	60		ug/L		3/3/98	SW846 8260
Bromobenzene	< 25	25	60		ug/L		3/3/98	SW846 8260
Bromochloromethane	< 25	25	60		ug/L		3/3/98	SW846 8260
Bromodichloromethane	< 25	25	60		ug/L		3/3/98	SW846 8260
Bromoform	< 25	25	60		ug/L		3/3/98	SW846 8260
Bromomethane	< 25	25	60		ug/L		3/3/98	SW846 8260
s-Butylbenzene	< 25	25	60		ug/L		3/3/98	SW846 8260
t-Butylbenzene	< 25	25	60		ug/L		3/3/98	SW846 8260
n-Butylbenzene	< 25	25	60		ug/L		3/3/98	SW846 8260
Carbon tetrachloride	< 25	25	60		ug/L		3/3/98	SW846 8260
Chloroform	< 25	25	60		ug/L		3/3/98	SW846 8260
Chlorobenzene	< 25	25	60		ug/L		3/3/98	SW846 8260
Chlorodibromomethane	< 25	25	60		ug/L		3/3/98	SW846 8260
Chloroethane	< 25	25	60		ug/L		3/3/98	SW846 8260
Chloromethane	< 25	25	60		ug/L		3/3/98	SW846 8260
2-Chlorotoluene	< 25	25	60		ug/L		3/3/98	SW846 8260
4-Chlorotoluene	< 25	25	60		ug/L		3/3/98	SW846 8260
1,2-Dibromo-3-chloropropane	< 25	25	60		ug/L		3/3/98	SW846 8260
1,2-Dibromoethane	< 25	25	60		ug/L		3/3/98	SW846 8260
Dibromomethane	< 25	25	60		ug/L		3/3/98	SW846 8260
1,3-Dichlorobenzene	< 25	25	60		ug/L		3/3/98	SW846 8260
1,4-Dichlorobenzene	< 25	25	60		ug/L		3/3/98	SW846 8260
1,2-Dichloroethane	< 25	25	60		ug/L		3/3/98	SW846 8260
1,2-Dichlorobenzene	< 25	25	60		ug/L		3/3/98	SW846 8260
1,1-Dichloroethene	< 25	25	60		ug/L		3/3/98	SW846 8260
cis-1,2-Dichloroethene	< 25	25	60		ug/L		3/3/98	SW846 8260
Dichlorodifluoromethane	< 25	25	60		ug/L		3/3/98	SW846 8260
trans-1,2-Dichloroethene	< 25	25	60		ug/L		3/3/98	SW846 8260



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## - Analytical Report -

Project Name : WIRE & METAL

Project Number : 0606010 RE

Field ID : MEOH BLANK

Lab Sample Number : 881081-003

WI DNR LAB ID : 405132750

Client : KEY ENVIRONMENTAL SERVICES INC

Report Date : 3/4/98

Collection Date : 2/26/98

Matrix Type : METHANOL

1,2-Dichloropropane	< 25	25	60	ug/L	3/3/98	SW846 8260
1,1-Dichloroethane	< 25	25	60	ug/L	3/3/98	SW846 8260
1,3-Dichloropropane	< 25	25	60	ug/L	3/3/98	SW846 8260
2,2-Dichloropropane	< 25	25	60	ug/L	3/3/98	SW846 8260
1,1-Dichloropropene	< 25	25	60	ug/L	3/3/98	SW846 8260
cis-1,3-Dichloropropene	< 25	25	60	ug/L	3/3/98	SW846 8260
trans-1,3-Dichloropropene	< 25	25	60	ug/L	3/3/98	SW846 8260
Diisopropyl ether	< 25	25	60	ug/L	3/3/98	SW846 8260
Ethylbenzene	< 25	25	60	ug/L	3/3/98	SW846 8260
Fluorotrichloromethane	< 25	25	60	ug/L	3/3/98	SW846 8260
Hexachlorobutadiene	< 25	25	60	ug/L	3/3/98	SW846 8260
Isopropylbenzene	< 25	25	60	ug/L	3/3/98	SW846 8260
p-Isopropyltoluene	< 25	25	60	ug/L	3/3/98	SW846 8260
Methylene chloride	< 25	25	60	ug/L	3/3/98	SW846 8260
Methyl-tert-butyl-ether	< 25	25	60	ug/L	3/3/98	SW846 8260
Naphthalene	< 25	25	60	ug/L	3/3/98	SW846 8260
n-Propylbenzene	< 25	25	60	ug/L	3/3/98	SW846 8260
Styrene	< 25	25	60	ug/L	3/3/98	SW846 8260
1,1,2,2-Tetrachloroethane	< 25	25	60	ug/L	3/3/98	SW846 8260
1,1,1,2-Tetrachloroethane	< 25	25	60	ug/L	3/3/98	SW846 8260
Tetrachloroethene	< 25	25	60	ug/L	3/3/98	SW846 8260
Toluene	< 25	25	60	ug/L	3/3/98	SW846 8260
1,2,3-Trichlorobenzene	< 25	25	60	ug/L	3/3/98	SW846 8260
1,2,4-Trichlorobenzene	< 25	25	60	ug/L	3/3/98	SW846 8260
1,1,1-Trichloroethane	< 25	25	60	ug/L	3/3/98	SW846 8260
1,1,2-Trichloroethane	< 25	25	60	ug/L	3/3/98	SW846 8260
1,2,4-Trimethylbenzene	< 25	25	60	ug/L	3/3/98	SW846 8260
Trichloroethene	< 25	25	60	ug/L	3/3/98	SW846 8260
1,2,3-Trichloropropane	< 25	25	60	ug/L	3/3/98	SW846 8260
1,3,5-Trimethylbenzene	< 25	25	60	ug/L	3/3/98	SW846 8260
Vinyl chloride	< 25	25	60	ug/L	3/3/98	SW846 8260
Xylenes, -m, -p	< 25	25	60	ug/L	3/3/98	SW846 8260
Xylene, -o	< 25	25	60	ug/L	3/3/98	SW846 8260
4-Bromofluorobenzene	89			%Recov	3/3/98	SW846 8260
Dibromofluoromethane	88			%Recov	3/3/98	SW846 8260



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**- Analytical Report -**

**Project Name : WIRE & METAL**

**Project Number : 0606010 RE**

**Field ID : MEOH BLANK**

**Lab Sample Number : 881081-003**

**WI DNR LAB ID : 405132750**

**Client : KEY ENVIRONMENTAL SERVICES INC**

**Report Date : 3/4/98**

**Collection Date : 2/26/98**

**Matrix Type : METHANOL**

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Toluene-d8	88	%Recov	3/3/98	SW846 8260
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## - Analytical Report -

Project Name : WIRE & METAL SPEC.  
Project Number : 0606010 RE  
Field ID : MEOH BLANK  
Lab Sample Number : 880645-003  
WI DNR LAB ID : 405132750

Client : KEY ENVIRONMENTAL SERVICES INC  
Report Date : 2/11/98  
Collection Date : 2/5/98  
Matrix Type : METHANOL

### Organic Results

#### EPA 8260 VOLATILE LIST - METHANOL

Prep Method: SW846 5030

Prep Date: 2/9/98

Analyst: RJN

Analyte	Result	LOD	LOQ	EQL	Units	Code	Analysis Date	Analysis Method
Benzene	< 25	25	60		ug/L		2/10/98	SW846 8260
Bromobenzene	< 25	25	60		ug/L		2/10/98	SW846 8260
Bromochloromethane	< 25	25	60		ug/L		2/10/98	SW846 8260
Bromodichloromethane	< 25	25	60		ug/L		2/10/98	SW846 8260
Bromofom	< 25	25	60		ug/L		2/10/98	SW846 8260
Bromomethane	< 25	25	60		ug/L		2/10/98	SW846 8260
s-Butylbenzene	< 25	25	60		ug/L		2/10/98	SW846 8260
t-Butylbenzene	< 25	25	60		ug/L		2/10/98	SW846 8260
n-Butylbenzene	< 25	25	60		ug/L		2/10/98	SW846 8260
Carbon tetrachloride	< 25	25	60		ug/L		2/10/98	SW846 8260
Chloroform	< 25	25	60		ug/L		2/10/98	SW846 8260
Chlorobenzene	< 25	25	60		ug/L		2/10/98	SW846 8260
Chlorodibromomethane	< 25	25	60		ug/L		2/10/98	SW846 8260
Chloroethane	< 25	25	60		ug/L		2/10/98	SW846 8260
Chloromethane	< 25	25	60		ug/L		2/10/98	SW846 8260
2-Chlorotoluene	< 25	25	60		ug/L		2/10/98	SW846 8260
4-Chlorotoluene	< 25	25	60		ug/L		2/10/98	SW846 8260
1,2-Dibromo-3-chloropropane	< 25	25	60		ug/L		2/10/98	SW846 8260
1,2-Dibromoethane	< 25	25	60		ug/L		2/10/98	SW846 8260
Dibromomethane	< 25	25	60		ug/L		2/10/98	SW846 8260
1,3-Dichlorobenzene	< 25	25	60		ug/L		2/10/98	SW846 8260
1,4-Dichlorobenzene	< 25	25	60		ug/L		2/10/98	SW846 8260
1,2-Dichloroethane	< 25	25	60		ug/L		2/10/98	SW846 8260
1,2-Dichlorobenzene	< 25	25	60		ug/L		2/10/98	SW846 8260
1,1-Dichloroethene	< 25	25	60		ug/L		2/10/98	SW846 8260
cis-1,2-Dichloroethene	< 25	25	60		ug/L		2/10/98	SW846 8260
Dichlorodifluoromethane	< 25	25	60		ug/L		2/10/98	SW846 8260
trans-1,2-Dichloroethene	< 25	25	60		ug/L		2/10/98	SW846 8260



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## - Analytical Report -

Project Name : WIRE & METAL SPEC.

Project Number : 0606010 RE

Field ID : MEOH BLANK

Lab Sample Number : 880645-003

WI DNR LAB ID : 405132750

Client : KEY ENVIRONMENTAL SERVICES INC

Report Date : 2/11/98

Collection Date : 2/5/98

Matrix Type : METHANOL

1,2-Dichloropropane	< 25	25	60	ug/L	2/10/98	SW846 8260
1,1-Dichloroethane	< 25	25	60	ug/L	2/10/98	SW846 8260
1,3-Dichloropropane	< 25	25	60	ug/L	2/10/98	SW846 8260
2,2-Dichloropropane	< 25	25	60	ug/L	2/10/98	SW846 8260
1,1-Dichloropropene	< 25	25	60	ug/L	2/10/98	SW846 8260
cis-1,3-Dichloropropene	< 25	25	60	ug/L	2/10/98	SW846 8260
trans-1,3-Dichloropropene	< 25	25	60	ug/L	2/10/98	SW846 8260
Diisopropyl ether	< 25	25	60	ug/L	2/10/98	SW846 8260
Ethylbenzene	< 25	25	60	ug/L	2/10/98	SW846 8260
Fluorotrichloromethane	< 25	25	60	ug/L	2/10/98	SW846 8260
Hexachlorobutadiene	< 25	25	60	ug/L	2/10/98	SW846 8260
Isopropylbenzene	< 25	25	60	ug/L	2/10/98	SW846 8260
p-Isopropyltoluene	< 25	25	60	ug/L	2/10/98	SW846 8260
Methylene chloride	< 25	25	60	ug/L	2/10/98	SW846 8260
Methyl-tert-butyl-ether	< 25	25	60	ug/L	2/10/98	SW846 8260
Naphthalene	< 25	25	60	ug/L	2/10/98	SW846 8260
n-Propylbenzene	< 25	25	60	ug/L	2/10/98	SW846 8260
Styrene	< 25	25	60	ug/L	2/10/98	SW846 8260
1,1,2,2-Tetrachloroethane	< 25	25	60	ug/L	2/10/98	SW846 8260
1,1,1,2-Tetrachloroethane	< 25	25	60	ug/L	2/10/98	SW846 8260
Tetrachloroethene	< 25	25	60	ug/L	2/10/98	SW846 8260
Toluene	< 25	25	60	ug/L	2/10/98	SW846 8260
1,2,3-Trichlorobenzene	< 25	25	60	ug/L	2/10/98	SW846 8260
1,2,4-Trichlorobenzene	< 25	25	60	ug/L	2/10/98	SW846 8260
1,1,1-Trichloroethane	< 25	25	60	ug/L	2/10/98	SW846 8260
1,1,2-Trichloroethane	< 25	25	60	ug/L	2/10/98	SW846 8260
1,2,4-Trimethylbenzene	< 25	25	60	ug/L	2/10/98	SW846 8260
Trichloroethene	< 25	25	60	ug/L	2/10/98	SW846 8260
1,2,3-Trichloropropane	< 25	25	60	ug/L	2/10/98	SW846 8260
1,3,5-Trimethylbenzene	< 25	25	60	ug/L	2/10/98	SW846 8260
Vinyl chloride	< 25	25	60	ug/L	2/10/98	SW846 8260
Xylenes, -m, -p	< 25	25	60	ug/L	2/10/98	SW846 8260
Xylene, -o	< 25	25	60	ug/L	2/10/98	SW846 8260
4-Bromofluorobenzene	89			%Recov	2/10/98	SW846 8260
Dibromofluoromethane	84			%Recov	2/10/98	SW846 8260



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## - Analytical Report -

Project Name : WIRE & METAL SPEC.  
Project Number : 0606010 RE  
Field ID : MEOH BLANK  
Lab Sample Number : 880645-003  
WI DNR LAB ID : 405132750

Client : KEY ENVIRONMENTAL SERVICES INC  
Report Date : 2/11/98  
Collection Date : 2/5/98  
Matrix Type : METHANOL

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Toluene-d8	86	%Recov	2/10/98	SW846 8260
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### Organic Results

#### GASOLINE RANGE ORGANICS - METHANOL

Prep Method: WI MOD.GRO

Prep Date: 2/9/98

Analyst: EGS

Analyte	Result	LOD	LOQ	EQL	Units	Code	Analysis Date	Analysis Method
Gasoline Range Organics	< 2500			2500	ug/L		2/11/98	WDNR MOD GRO
Blank Spike	97			1.0	%Recov		2/11/98	WDNR MOD GRO
Blank Spike Duplicate	101			1.00	%Recov		2/11/98	WDNR MOD GRO
Blank	< 50			50	ug/L		2/11/98	WDNR MOD GRO





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**- Analytical Report -**

**Project Name : WIRE & METAL**

**Project Number : 0606010 RE**

**WI DNR LAB ID : 405132750**

**Client: KEY ENVIRONMENTAL SERVICES IN**

**Report Date : 3/5/98**

Sample No.	Field ID	Collection Date	Sample No.	Field ID	Collection Date
881081-001	CS-3 N END OF CAVITY	2/26/98			
881081-002	CS-4 S END OF CAVITY	2/26/98			
881081-003	MEOH BLANK	2/26/98			

The "Q" flag is present when a parameter has been detected below the LOQ. This indicates the results are qualified due to the uncertainty of the parameter concentration between the LOD and the LOQ.

Soil VOC detects are corrected for the total solids, unless otherwise noted.

I certify that the data contained in this Final Report has been generated and reviewed in accordance with approved methods and Laboratory Standard Operating Procedure. Exceptions, if any, are discussed in the accompanying sample narrative. Release of this final report is authorized by Laboratory management, as is verified by the following signature.

J. Duranseau  
Approval Signature

3/5/98  
Date



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**- Analytical Report -**

Project Name : WIRE & METAL  
 Project Number : 0606010 RE  
 Field ID : CS-3 N END OF CAVITY  
 Lab Sample Number : 881081-001  
 WI DNR LAB ID : 405132750

Client : KEY ENVIRONMENTAL SERVICES INC  
 Report Date : 3/3/98  
 Collection Date : 2/26/98  
 Matrix Type : SOIL

**Inorganic Results**

Test	Result	LOD	LOQ	EQL	Units	Code	Analysis Date	Prep Method	Analysis Method	Analyst
Solids, percent	88.8				%		3/2/98	SM2540G	SM2540G	NJS

**Organic Results**

EPA 8260 VOLATILE LIST - SOIL/METHANOL			Prep Method: SW846 5030			Prep Date: 3/2/98		Analyst: RJN	
Analyte	Result	LOD	LOQ	EQL	Units	Code	Analysis Date	Analysis Method	
Benzene	< 25	25	60		ug/kg		3/2/98	SW846 8260	
Bromobenzene	< 25	25	60		ug/kg		3/2/98	SW846 8260	
Bromochloromethane	< 25	25	60		ug/kg		3/2/98	SW846 8260	
Bromodichloromethane	< 25	25	60		ug/kg		3/2/98	SW846 8260	
Bromoform	< 25	25	60		ug/kg		3/2/98	SW846 8260	
Bromomethane	< 25	25	60		ug/kg		3/2/98	SW846 8260	
s-Butylbenzene	< 25	25	60		ug/kg		3/2/98	SW846 8260	
t-Butylbenzene	< 25	25	60		ug/kg		3/2/98	SW846 8260	
n-Butylbenzene	< 25	25	60		ug/kg		3/2/98	SW846 8260	
Carbon tetrachloride	< 25	25	60		ug/kg		3/2/98	SW846 8260	
Chloroform	< 25	25	60		ug/kg		3/2/98	SW846 8260	
Chlorobenzene	< 25	25	60		ug/kg		3/2/98	SW846 8260	
Chlorodibromomethane	< 25	25	60		ug/kg		3/2/98	SW846 8260	
Chloroethane	< 25	25	60		ug/kg		3/2/98	SW846 8260	
Chloromethane	< 25	25	60		ug/kg		3/2/98	SW846 8260	
2-Chlorotoluene	< 25	25	60		ug/kg		3/2/98	SW846 8260	
4-Chlorotoluene	< 25	25	60		ug/kg		3/2/98	SW846 8260	
1,2-Dibromo-3-chloropropane	< 25	25	60		ug/kg		3/2/98	SW846 8260	
1,2-Dibromoethane	< 25	25	60		ug/kg		3/2/98	SW846 8260	
Dibromomethane	< 25	25	60		ug/kg		3/2/98	SW846 8260	
1,3-Dichlorobenzene	< 25	25	60		ug/kg		3/2/98	SW846 8260	
1,4-Dichlorobenzene	< 25	25	60		ug/kg		3/2/98	SW846 8260	
1,2-Dichloroethane	< 25	25	60		ug/kg		3/2/98	SW846 8260	

All soil results are reported on a dry weight basis unless otherwise noted.

## - Analytical Report -

Project Name : WIRE & METAL

Project Number : 0606010 RE

Field ID : CS-3 N END OF CAVITY

Lab Sample Number : 881081-001

WI DNR LAB ID : 405132750

Client : KEY ENVIRONMENTAL SERVICES INC

Report Date : 3/3/98

Collection Date : 2/26/98

Matrix Type : SOIL

1,2-Dichlorobenzene	< 25	25	60	ug/kg	3/2/98	SW846 8260
1,1-Dichloroethene	< 25	25	60	ug/kg	3/2/98	SW846 8260
cis-1,2-Dichloroethene	< 25	25	60	ug/kg	3/2/98	SW846 8260
Dichlorodifluoromethane	< 25	25	60	ug/kg	3/2/98	SW846 8260
trans-1,2-Dichloroethene	< 25	25	60	ug/kg	3/2/98	SW846 8260
1,2-Dichloropropane	< 25	25	60	ug/kg	3/2/98	SW846 8260
1,1-Dichloroethane	< 25	25	60	ug/kg	3/2/98	SW846 8260
1,3-Dichloropropane	< 25	25	60	ug/kg	3/2/98	SW846 8260
2,2-Dichloropropane	< 25	25	60	ug/kg	3/2/98	SW846 8260
1,1-Dichloropropene	< 25	25	60	ug/kg	3/2/98	SW846 8260
cis-1,3-Dichloropropene	< 25	25	60	ug/kg	3/2/98	SW846 8260
trans-1,3-Dichloropropene	< 25	25	60	ug/kg	3/2/98	SW846 8260
Diisopropyl ether	< 25	25	60	ug/kg	3/2/98	SW846 8260
Ethylbenzene	< 25	25	60	ug/kg	3/2/98	SW846 8260
Fluorotrichloromethane	< 25	25	60	ug/kg	3/2/98	SW846 8260
Hexachlorobutadiene	< 25	25	60	ug/kg	3/2/98	SW846 8260
Isopropylbenzene	< 25	25	60	ug/kg	3/2/98	SW846 8260
p-Isopropyltoluene	< 25	25	60	ug/kg	3/2/98	SW846 8260
Methylene chloride	< 25	25	60	ug/kg	3/2/98	SW846 8260
Methyl-tert-butyl-ether	< 25	25	60	ug/kg	3/2/98	SW846 8260
Naphthalene	< 25	25	60	ug/kg	3/2/98	SW846 8260
n-Propylbenzene	< 25	25	60	ug/kg	3/2/98	SW846 8260
Styrene	< 25	25	60	ug/kg	3/2/98	SW846 8260
1,1,2,2-Tetrachloroethane	< 25	25	60	ug/kg	3/2/98	SW846 8260
1,1,1,2-Tetrachloroethane	< 25	25	60	ug/kg	3/2/98	SW846 8260
Tetrachloroethene	< 25	25	60	ug/kg	3/2/98	SW846 8260
Toluene	< 25	25	60	ug/kg	3/2/98	SW846 8260
1,2,3-Trichlorobenzene	< 25	25	60	ug/kg	3/2/98	SW846 8260
1,2,4-Trichlorobenzene	< 25	25	60	ug/kg	3/2/98	SW846 8260
1,1,1-Trichloroethane	< 25	25	60	ug/kg	3/2/98	SW846 8260
1,1,2-Trichloroethane	< 25	25	60	ug/kg	3/2/98	SW846 8260
1,2,4-Trimethylbenzene	< 25	25	60	ug/kg	3/2/98	SW846 8260
Trichloroethene	< 25	25	60	ug/kg	3/2/98	SW846 8260
1,2,3-Trichloropropane	< 25	25	60	ug/kg	3/2/98	SW846 8260
1,3,5-Trimethylbenzene	< 25	25	60	ug/kg	3/2/98	SW846 8260

All soil results are reported on a dry weight basis unless otherwise noted.

**- Analytical Report -**

Project Name : WIRE &amp; METAL

Project Number : 0606010 RE

Field ID : CS-3 N END OF CAVITY

Lab Sample Number : 881081-001

WI DNR LAB ID : 405132750

Client : KEY ENVIRONMENTAL SERVICES INC

Report Date : 3/3/98

Collection Date : 2/26/98

Matrix Type : SOIL

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Vinyl chloride	< 25	25	60	ug/kg	3/2/98	SW846 8260
Xylenes, -m, -p	< 25	25	60	ug/kg	3/2/98	SW846 8260
Xylene, -o	< 25	25	60	ug/kg	3/2/98	SW846 8260
4-Bromofluorobenzene	86			%Recov	3/2/98	SW846 8260
Dibromofluoromethane	115			%Recov	3/2/98	SW846 8260
Toluene-d8	115			%Recov	3/2/98	SW846 8260

**All soil results are reported on a dry weight basis unless otherwise noted.**



**- Analytical Report -**

Project Name : WIRE & METAL  
 Project Number : 0606010 RE  
 Field ID : CS-4 S END OF CAVITY  
 Lab Sample Number : 881081-002  
 WI DNR LAB ID : 405132750

Client : KEY ENVIRONMENTAL SERVICES INC  
 Report Date : 3/3/98  
 Collection Date : 2/26/98  
 Matrix Type : SOIL

**Inorganic Results**

Test	Result	LOD	LOQ	EQL	Units	Code	Analysis Date	Prep Method	Analysis Method	Analyst
Solids, percent	90.9				%		3/2/98	SM2540G	SM2540G	NJS

**Organic Results**

EPA 8260 VOLATILE LIST - SOIL/METHANOL			Prep Method: SW846 5030			Prep Date: 3/2/98		Analyst: RJN	
Analyte	Result	LOD	LOQ	EQL	Units	Code	Analysis Date	Analysis Method	
Benzene	< 25	25	60		ug/kg		3/2/98	SW846 8260	
Bromobenzene	< 25	25	60		ug/kg		3/2/98	SW846 8260	
Bromochloromethane	< 25	25	60		ug/kg		3/2/98	SW846 8260	
Bromodichloromethane	< 25	25	60		ug/kg		3/2/98	SW846 8260	
Bromoform	< 25	25	60		ug/kg		3/2/98	SW846 8260	
Bromomethane	< 25	25	60		ug/kg		3/2/98	SW846 8260	
s-Butylbenzene	< 25	25	60		ug/kg		3/2/98	SW846 8260	
t-Butylbenzene	< 25	25	60		ug/kg		3/2/98	SW846 8260	
n-Butylbenzene	< 25	25	60		ug/kg		3/2/98	SW846 8260	
Carbon tetrachloride	< 25	25	60		ug/kg		3/2/98	SW846 8260	
Chloroform	< 25	25	60		ug/kg		3/2/98	SW846 8260	
Chlorobenzene	< 25	25	60		ug/kg		3/2/98	SW846 8260	
Chlorodibromomethane	< 25	25	60		ug/kg		3/2/98	SW846 8260	
Chloroethane	< 25	25	60		ug/kg		3/2/98	SW846 8260	
Chloromethane	< 25	25	60		ug/kg		3/2/98	SW846 8260	
2-Chlorotoluene	< 25	25	60		ug/kg		3/2/98	SW846 8260	
4-Chlorotoluene	< 25	25	60		ug/kg		3/2/98	SW846 8260	
1,2-Dibromo-3-chloropropane	< 25	25	60		ug/kg		3/2/98	SW846 8260	
1,2-Dibromoethane	< 25	25	60		ug/kg		3/2/98	SW846 8260	
Dibromomethane	< 25	25	60		ug/kg		3/2/98	SW846 8260	
1,3-Dichlorobenzene	< 25	25	60		ug/kg		3/2/98	SW846 8260	
1,4-Dichlorobenzene	< 25	25	60		ug/kg		3/2/98	SW846 8260	
1,2-Dichloroethane	< 25	25	60		ug/kg		3/2/98	SW846 8260	

All soil results are reported on a dry weight basis unless otherwise noted.

**- Analytical Report -**

Project Name : WIRE & METAL  
 Project Number : 0606010 RE  
 Field ID : CS-4 S END OF CAVITY  
 Lab Sample Number : 881081-002  
 WI DNR LAB ID : 405132750

Client : KEY ENVIRONMENTAL SERVICES INC  
 Report Date : 3/3/98  
 Collection Date : 2/26/98  
 Matrix Type : SOIL

1,2-Dichlorobenzene	< 25	25	60	ug/kg	3/2/98	SW846 8260
1,1-Dichloroethene	< 25	25	60	ug/kg	3/2/98	SW846 8260
cis-1,2-Dichloroethene	< 25	25	60	ug/kg	3/2/98	SW846 8260
Dichlorodifluoromethane	< 25	25	60	ug/kg	3/2/98	SW846 8260
trans-1,2-Dichloroethene	< 25	25	60	ug/kg	3/2/98	SW846 8260
1,2-Dichloropropane	< 25	25	60	ug/kg	3/2/98	SW846 8260
1,1-Dichloroethane	< 25	25	60	ug/kg	3/2/98	SW846 8260
1,3-Dichloropropane	< 25	25	60	ug/kg	3/2/98	SW846 8260
2,2-Dichloropropane	< 25	25	60	ug/kg	3/2/98	SW846 8260
1,1-Dichloropropene	< 25	25	60	ug/kg	3/2/98	SW846 8260
cis-1,3-Dichloropropene	< 25	25	60	ug/kg	3/2/98	SW846 8260
trans-1,3-Dichloropropene	< 25	25	60	ug/kg	3/2/98	SW846 8260
Diisopropyl ether	< 25	25	60	ug/kg	3/2/98	SW846 8260
Ethylbenzene	< 25	25	60	ug/kg	3/2/98	SW846 8260
Fluorotrichloromethane	< 25	25	60	ug/kg	3/2/98	SW846 8260
Hexachlorobutadiene	< 25	25	60	ug/kg	3/2/98	SW846 8260
Isopropylbenzene	< 25	25	60	ug/kg	3/2/98	SW846 8260
p-Isopropyltoluene	< 25	25	60	ug/kg	3/2/98	SW846 8260
Methylene chloride	< 25	25	60	ug/kg	3/2/98	SW846 8260
Methyl-tert-butyl-ether	< 25	25	60	ug/kg	3/2/98	SW846 8260
Naphthalene	< 25	25	60	ug/kg	3/2/98	SW846 8260
n-Propylbenzene	< 25	25	60	ug/kg	3/2/98	SW846 8260
Styrene	< 25	25	60	ug/kg	3/2/98	SW846 8260
1,1,2,2-Tetrachloroethane	< 25	25	60	ug/kg	3/2/98	SW846 8260
1,1,1,2-Tetrachloroethane	< 25	25	60	ug/kg	3/2/98	SW846 8260
Tetrachloroethene	< 25	25	60	ug/kg	3/2/98	SW846 8260
Toluene	< 25	25	60	ug/kg	3/2/98	SW846 8260
1,2,3-Trichlorobenzene	< 25	25	60	ug/kg	3/2/98	SW846 8260
1,2,4-Trichlorobenzene	< 25	25	60	ug/kg	3/2/98	SW846 8260
1,1,1-Trichloroethane	< 25	25	60	ug/kg	3/2/98	SW846 8260
1,1,2-Trichloroethane	< 25	25	60	ug/kg	3/2/98	SW846 8260
1,2,4-Trimethylbenzene	< 25	25	60	ug/kg	3/2/98	SW846 8260
Trichloroethene	< 25	25	60	ug/kg	3/2/98	SW846 8260
1,2,3-Trichloropropane	< 25	25	60	ug/kg	3/2/98	SW846 8260
1,3,5-Trimethylbenzene	< 25	25	60	ug/kg	3/2/98	SW846 8260

All soil results are reported on a dry weight basis unless otherwise noted.