Mirro Plant #20
Chilton, Wisconsin

Phase II Environmental Site Assessment

August 2002

Prepared For
Newell Rubbermaid Inc.
Freeport, Illinois

THE ENVIRONMENTAL MANAGEMENT COMPANY LLC

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SECTION 1 GENERAL INFORMATION

1.1 Client Information

Newell Rubbermaid Inc.
29 East Stephenson
Freeport, Illinois 61032

Contact: Mr. Art Garcia - Manager, Real Estate & Property
Phone: 815/235-4171

1.2 Site Description

MIRRO Company Plant #20 Site
44 Walnut Street
Chilton, Wisconsin 53014

Site Location

The site is located in the NE 1/4 of the NW 1/4 of Section 18, T18N, R20E, City of Chilton, Calumet County, Wisconsin (Figure 1).

General Description

The southwest corner of the property is occupied by a building of approximately 112,000 square feet of industrial space on two floors in a complex that has had several additions since the 1920's. The older sections of the facility are constructed with brick and steel beam supporting structures. The newer section (northern most portion) of the facility is constructed with a combination of brick and metal siding and steel beam supporting structures. Paved parking areas are located on the north and east sides of the facility. The property is located on a parcel of land approximately 5 acres in size on the east side of the Manitowoc River. Narrow grassed areas are located between the west wall of the building and the Manitowoc River, and between the south side of the building and the railroad right-of-way. An industrial/commercial property is located to the east of the building across the asphalt paved parking area. The remaining area of the site consists of grassed and naturally vegetated areas located north of the large asphalt parking lot on the north side of the building. The predominant land use of the area is a mix of commercial and industrial to the south and east and agricultural to the north and west. Figure 2 provides a site plan view.

1.3 Consulting Firm and Contractor Information

Consulting Firm

THE ENVIRONMENTAL MANAGEMENT COMPANY LLC (TEMCO)
P.O. Box 856
2088 Washington Avenue
Cedarburg, WI 53012

Phone: 262-675-6000
Fax: 262-675-6170
Email: office@temco-llc.com

Contractors

North Shore Drilling Inc.
P.O. Box 255
Grafton, WI 53024-0255

Phone: 262-375-8121
Service: Soil Probing

U.S. Analytical Lab
1090 Kennedy Avenue
Kimberly, WI 54136
Phone: 800-490-4902
Service: Laboratory analysis of soil samples

SECTION 2 BACKGROUND INFORMATION

2.1 Site History and Land Use

The facility has been used for the manufacture of various aluminum products since the 1920's. The site was previously occupied by a saw mill dating from before 1898. Other previous processes at the facility were chrome plating which ceased in the mid 1970's and tin plating which started in the 1970's. Figure 3 shows the tin plating operation located in the southwestern corner of the first floor of the building.

The facility was expanded several times between 1920 and 1980. The Manitowoc River channel, which originally ran adjacent to the western and northern sides of the building, was re-routed to provide land for expansion on the north side of the building.

2.2 Potential Contaminant Sources

The Phase I Environmental Site Assessment (ESA) of the site conducted by Envirogen, Inc. in May 2001 identified various potential soil and groundwater contaminant sources associated with former site facilities and uses:

- The former presence of three AST's which reportedly contained benzene located adjacent to the west side of the building near the southwestern corner of the building.
- Tin and chrome plating operations formerly located in the southwest corner of the first floor of the building.
- Non-specific potential releases associated with the long history of the industrial operations at the facility.

Additional potential sources of the soil and groundwater contamination include the following:

- Two mineral spirits UST's formerly located along the north exterior wall of the building near the northwestern corner and two fuel oil UST's closed in-place in the basement of the building along the north wall. Closure assessment reports for both sets of UST's, appended to the Phase I ESA, indicate clean closures based on analyses of soil samples collected from the UST basins.
- The presence of three electrical transformers located on the west side of the building near the northwest corner. The transformers bear labels indicating they contain oil with less than 50ppm PCB.
- The presence of several dust collection systems adjacent to the exterior of the building.
- Potential releases from various current and former facilities and operations in the plant which would have impacted soil and shallow groundwater beneath the plant floor, e.g. the lubricating oil pits beneath several of the hydraulic presses in the plant.

SECTION 3 OBJECTIVES AND SCOPE OF WORK

3.1 Phase II ESA Objectives

The objectives of the Phase II ESA include:

- Characterization of on-site soil and shallow groundwater conditions.
- Verification of the presence or absence of various contaminants potentially on-site as a result of discharge from the sources described in Section 2.2.

- Development of recommendations for additional site investigation, if required.

- Evaluation of the need for site remediation considering soil and groundwater cleanup criteria and determination of the most appropriate site remediation alternative conceptual plan, and cost estimate.

3.2 Scope of Work

Because all of the potential contaminant sources are located inside or adjacent to the exterior of the building, and the anticipated future use of the property is commercial/ industrial redevelopment, as opposed to residential redevelopment or demolition for new construction, the soil boring and sampling plan was designed to assess conditions along the exterior walls of the building, particularly in the presumed down gradient direction i.e., west toward the Manitowoc River.

The principal elements of the Phase II ESA Scope of Work completed by TEMCO to address the objectives outlined above include:

- Development of a soil boring and sampling plan designed to assess shallow subsurface conditions and collect soil samples in areas potentially impacted by contaminant sources identified in section 2.2.

- Installation and logging of twelve geoprobe soil borings at the locations of the various potential contaminant sources around the exterior of the building. Soil borings were completed to either 8 feet bgs or 12 feet bgs dependent on the nature of the potential contaminant source.

- Collection and laboratory analysis of seventeen soil samples for the various contaminant types associated with the potential contaminant sources described in Section 2.2.

- Preparation of the Phase II ESA report, describing field activities, the laboratory analytical program and results, and interpretation of the field and laboratory data. Laboratory analytical results for the soil samples are summarized in the Tables section and laboratory analytical reports are provided as Appendix A. Site figures, including the site location, site plan, and soil boring plan, are included in the Figures section. Soil boring logs are provided as Appendix B. Soil boring abandonment forms are provided as Appendix C. Recommendations for additional site investigation and discussion of potential site remediation requirements and alternatives are provided under separate cover.

SECTION 4 FIELD AND LABORATORY PROGRAM

4.1 Soil Borings

Prior to soil boring and sampling, on-site and near off-site utilities were located and marked. On

July 15, 2002, 12 soil borings were drilled at the locations shown in Figure 2. The borings were drilled by direct push using a truck mounted geoprobe drill rig. 2.0 inch diameter, 4 feet long hollow steel sampling tubes with plastic liners were driven in 4 foot increments by hydraulic pressure and percussion to total depths ranging from 8 feet to 12 feet bgs. TEMCO used continuous soil sampling to ensure that changes in soil type, evidence of contaminants, and groundwater conditions were observed and recorded.

Soil samples were inspected and classified according to the Unified Soil Classification System. Soil sample descriptions, evidence of contamination, and groundwater conditions are recorded on soil boring logs (WDNR Form 4400-122) prepared for each borehole, and are presented in Appendix B.

Soil borings were located by measuring from the various on-site buildings and property boundaries. Soil borings were abandoned in accordance with WAC NR141 by filling the borehole with granular bentonite from bottom to top after soil sampling was completed. Soil boring abandonment forms (WDNR Form 3300-5B) are provided in Appendix C.

4.2 Soil Analyses

Soil samples selected for laboratory analysis were containerized and preserved immediately following sample collection. Sample containers were placed on ice in a cooler and transported along with a chain-of-custody document to a WDNR certified analytical laboratory.

The analytical program was designed to address the Phase II ESA objectives outlined in Section 3.1:

- Soil samples collected adjacent to the dust collection system adjacent to the west wall of the building near the southwest corner and adjacent to the location of the former chrome and tin plating operation (southwest corner of the building) were analyzed for metals.

- The soil sample collected near the three electrical transformers adjacent to the west wall of the building was analyzed for PCB.

- Soil samples collected from areas adjacent to and down gradient from the locations of current and former petroleum hydrocarbon UST's and AST's, as well as soil samples collected in the upgradient areas of the site and adjacent to current and former railroad rights-of-way were analyzed for a combination of VOC, DRO, and PAH.

SECTION 5 FINDINGS AND CONCLUSIONS

- The site slopes gently to the northwest, toward the Manitowoc River, which is the receptor for surface drainage and migration of shallow groundwater from the site.

- Shallow soil (0 to 12 feet bgs) at the site consists of varying mixtures of silty and sandy clay, silt

and fine sand, and silty and clayey sand and gravel. These poorly stratified deposits are part of an extensive glacial ground moraine which covers most of the Lake Michigan basin area. The shallow site soils were formed from clay till deposited by the retreating glacier and glacial melt waters, and due to the relatively high clay content, they have relatively low permeability. The ground moraine is approximately 50 feet thick in the Chilton area, and is underlain by an undifferentiated sequence of dolomite bedrock formations.

- Shallow groundwater was encountered in the soil borings between 5 and 8 feet bgs. The current, seasonal static groundwater level at the site is approximately 5 feet bgs, particularly in the western part of the site toward the Manitowoc River. The seasonal high water table at the site, which typically occurs in spring, is likely several feet higher than 5 feet bgs. Site topography indicates shallow groundwater migrates north westward and discharges into the Manitowoc River.

- Low level soil contamination derived primarily from petroleum hydrocarbons was found in the western part of the site. Apparent sources are the "benzene" AST's formerly located adjacent to the west exterior wall of the building near the southwest corner. These AST's most likely stored mineral spirits, as opposed to benzene, for use in degreasing, parts cleaning and/or as a spray paint carrier. Soil samples collected and analyzed from borings SB-3 (0'-4'bgs), SB-4 (0'-4'bgs, 4'-7'bgs, and 8'-12'bgs), and SB-6 (6'-7'bgs) exhibited low levels of VOC, PAH, and DRO contamination. Soil boring SB-4 is located at the site of the former AST's; SB-6 is located immediately down gradient of SB-4 on the east bank of the Manitowoc River.

- Similar levels of soil contamination derived from petroleum hydrocarbons were detected in samples collected from soil borings SB-7 (6'-7'bgs, 10'-11'bgs) and SB-12 (5'-8'bgs). SB-7 is located at the site of two former mineral spirits UST's adjacent to the north exterior wall of the building near the northwest corner. SB-12 is located down gradient of SB-7 on the east bank of the Manitowoc River.

  - Low level detections of two chlorinated VOC occurred in soil samples collected from the borings adjacent to the southwestern exterior wall of the building:

    - Dibromochloromethane was detected at 0.25 mg/kg in the 4'-7' bgs soil sample collected from boring SB-4.

    - Trichloroethene was detected at 0.034 mg/kg in the 0'-4' bgs soil sample collected from boring SB-3.

  - PCB was not detected in the analysis of the soil sample collected from boring SB-5 (0'-4'bgs) adjacent to the three electrical transformers located adjacent to the west exterior wall of the building near the northwest corner.

  - Generally, levels of RCRA metals detected in soil samples collected and analyzed from the borings located outside the former tin and chrome plating area were elevated above apparent background levels. Levels of chromium two orders of magnitude above apparent background were detected in the two upper soil samples collected from boring SB-4 (0'-4'bgs, 4'-7'bgs).

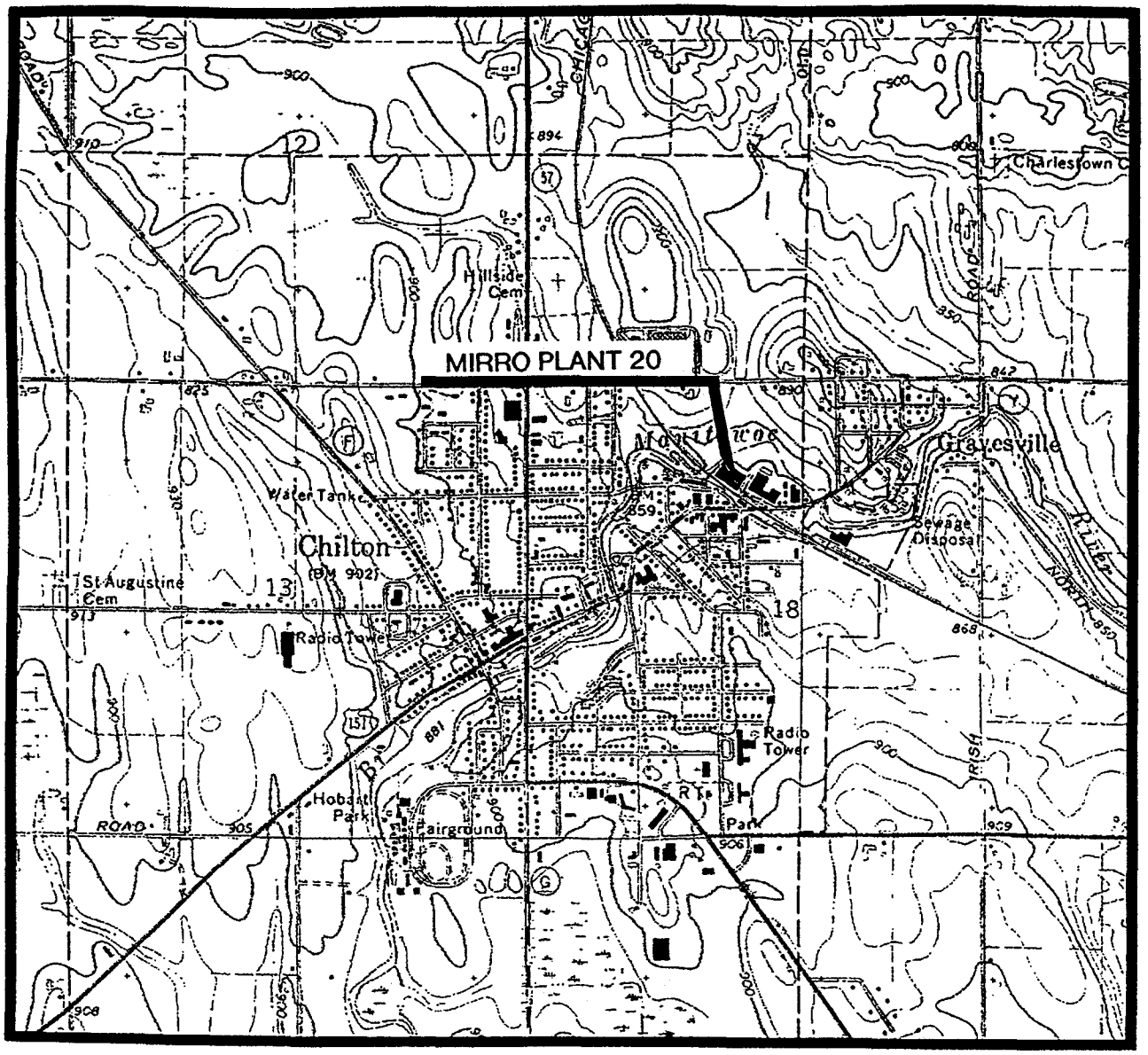
Barium, chromium, and lead concentrations are elevated above apparent background in the surficial soil sample collected and analyzed from boring SB-3 (0'-4'bgs). Similar elevation of the chromium concentration was detected in the surficial soil sample collected and analyzed from boring SB-5 (0'-4'bgs).

- Several attempts were made during completion of the soil boring program to install small diameter temporary groundwater monitoring wells to provide a preliminary assessment of groundwater quality in the contaminant source areas. Severe caving of the saturated granular soils encountered in this area prevented installation of temporary wells. Assessment of groundwater contamination in this area is required to address the following issues:

  - determination of groundwater contaminant levels compared to Preventive Action Levels (PAL) and Enforcement Standards (ES).

  - estimation of the rate of contaminant mass discharge to the Manitowoc River.

  - evaluation of the requirements for site remediation, the most appropriate and cost effective remedial methods, and cost estimates for site remediation.



(USGS 1974)
CHILTON QUADRANGLE

SCALE
1:24000

1/2 0 1 MILE

1000 0 1000 2000 3000 4000 5000 6000 7000 FEET

1 .5 0 1 KILOMETER

CONTOUR INTERVAL 10 FEET

N

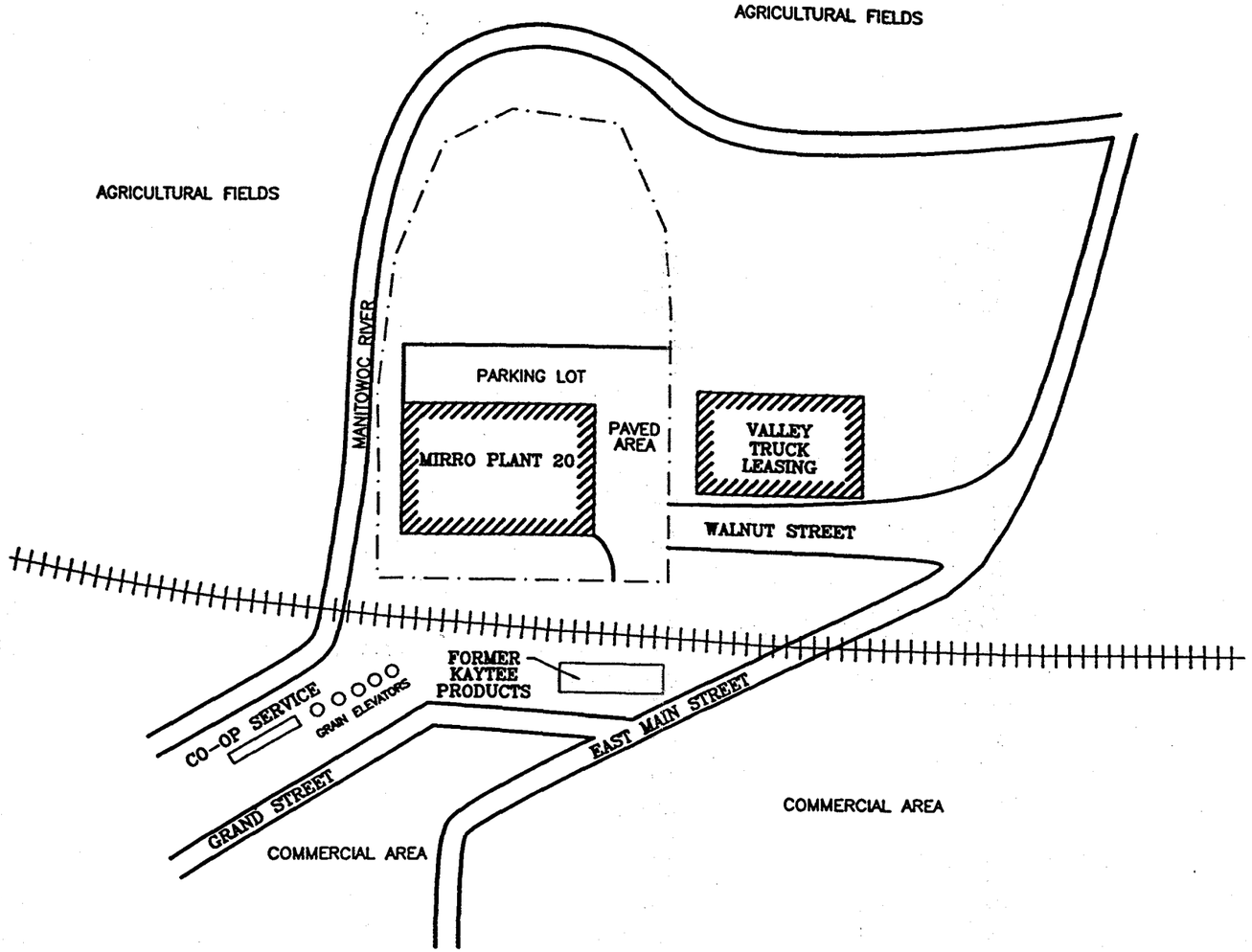
LOCATION

SITE LOCATION MAP	FIGURE NO. 1
MIRRO PLANT 20 SITE CHILTON, WISCONSIN	

DRAWING NO.	0100047.21
DRAWN BY:	KFT
	04/10/01
CHECKED BY:	KMM
APPROVED BY:	MJG
REVISIONS:	
ENGINEER	
DATE	
ENGINEER	
DATE	

LEGEND

—·— APPROXIMATE PROPERTY BOUNDARY



SCALE

0 40' 80' 120' 160' 200'

SITE PLAN VIEW

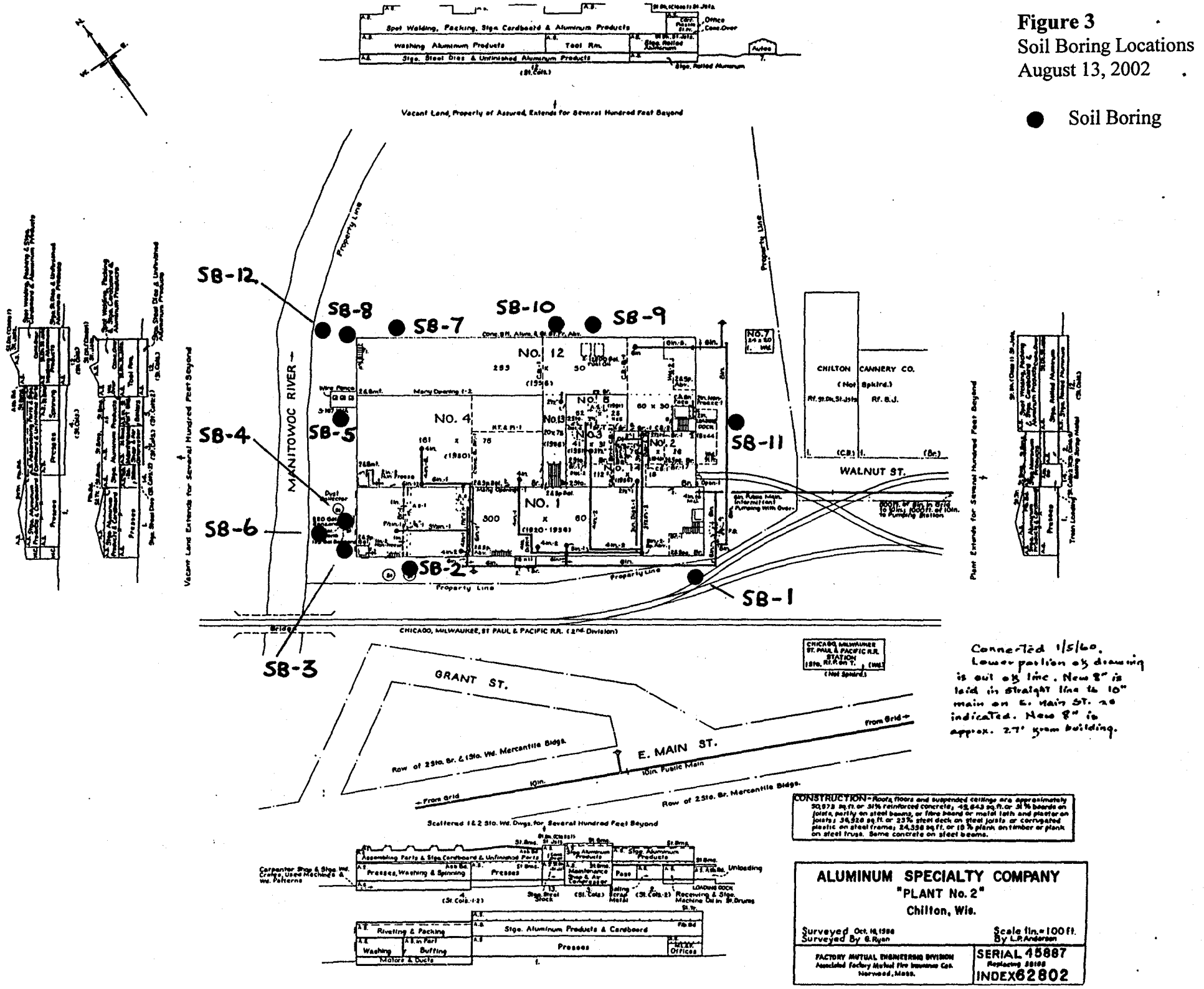
MIRRO PLANT 20 SITE
CHILTON, WISCONSIN

FIGURE NO. 2

DRAWING NO.	0100047.22
DRAWN BY:	KFT
	04/10/01
CHECKED BY:	
APPROVED BY:	N/A
REVISIONS:	
ENGINEER	DATE
ENGINEER	DATE

Figure 3
Soil Boring Locations
August 13, 2002

● Soil Boring



TABLES
SOIL SAMPLE ANALYTICAL RESULTS

TABLE 1
SOIL SAMPLE ANALYTICAL RESULTS - VOLATILE ORGANIC COMPOUNDS (VOC)
NEWELL RUBBERMAID - MIRRO PLANT #20
CHILTON, WISCONSIN
All Contaminants Shown In mg/kg • Only Contaminants With Detects Shown

Sample ID	Sample Date	Feet (bgs)	Benzene	tert-Butyl benzene	sec-Butyl benzene	n-Butyl benzene	1,2-DCA	1,1-DCA	1,1-DCE	cis-1,2-DCE	trans-1,2-DCE	Ethyl benzene	Isopropyl benzene	p-Isopropyl toluene	DBCM	Methylene chloride	Naphthalene	n-Propyl benzene	1,1,2,2-Tetrachloroethane	Toluene	1,1,1-TCA	PCE	1,2,4-TMB	1,3,5-TMB	Chloromethane	Vinyl Chloride	Xylenes
SB-1	07/15/02	0 - 4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SB-2	07/15/02	0 - 4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.057
SB-3	07/15/02	0 - 4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.070	ND	ND	ND	ND	ND	ND	ND	0.034	ND	ND	ND	ND	0.059
SB-4	07/15/02	0 - 4	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.160	ND	ND	ND	ND	ND	0.025[J]	ND	0.15	ND	ND	0.095	0.061	ND	ND	1.970
SB-4	07/15/02	4 - 7	ND	0.046	0.410	0.083	ND	ND	ND	ND	ND	0.076	2.700	0.200	0.25	ND	0.061	2.000	ND	ND	ND	ND	3.900	ND	ND	ND	0.800
SB-4	07/15/02	8 - 12	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.120	ND	ND	ND	ND	0.066	ND	0.025[J]	ND	ND	0.130	ND	ND	ND	0.184
SB-6	07/15/02	6 - 7	ND	ND	0.140	0.060	ND	ND	ND	ND	ND	0.051	0.250	0.170	ND	ND	ND	0.200	ND	ND	ND	ND	0.460	ND	ND	ND	0.220
SB-7	07/15/02	6 - 7	ND	ND	0.180	0.130	ND	ND	ND	ND	ND	ND	0.063	ND	ND	ND	ND	0.100	ND	ND	ND	ND	0.170	ND	ND	ND	ND
SB-7	07/15/02	10 - 11	ND	ND	0.086	0.074	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.045	ND	ND	ND	ND	0.056	ND	ND	ND	ND
SB-8	07/15/02	6 - 7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SB-8	07/15/02	11 - 12	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SB-9	07/15/02	7 - 8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SB-10	07/15/02	5 - 6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SB-11	07/15/02	6 - 7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SB-12	07/15/02	5 - 8	ND	0.090	0.570	0.790	ND	ND	ND	ND	ND	ND	0.150	0.130	ND	ND	0.089	0.350	ND	ND	ND	ND	4.100	0.094	ND	ND	ND
Residual Contaminant Levels			0.0055	-	-	-	0.0049	-	-	-	-	2.9	-	-	-	-	0.4†	-	-	1.5	-	-	-	-	-	-	4.1

ND = Not Detected
mg/kg = milligrams per kilogram
† = recommended RCL
shaded = exceeds RCL
TMB = Trimethylbenzene
DBCM = Dibromochloromethane
DCE = Dichloroethene
DCA = Dichloroethane
TCA = Trichloroethane
PCE = Tetrachloroethene
J = Analyte detected between LOD and LOQ

August 11, 2002

Table 2
SOIL SAMPLE ANALYTICAL RESULTS
POLYAROMATIC HYDROCARBONS (PAH)
NEWELL RUBBERMAID - MIRRO PLANT #20
CHILTON, WISCONSIN
All Contaminants Shown In (mg/kg)

Sample ID	SB-1 0' - 4' 07/15/02	SB-6 6' - 7' 07/15/02	SB-7 6' - 7' 07/15/02	Suggested Generic RCL (1)	DC-I
Acenaphthene	ND	ND	ND	38	60,000
Acenaphthylene	ND	ND	ND	0.7	360
Anthracene	ND	ND	ND	3000	300,000
Benzo (a) anthracene	ND	ND	ND	17	3.9
Benz (a) pyrene	ND	ND	ND	48	0.39
Benzo (b) fluoranthene	ND	ND	ND	360	3.9
Benzo (ghi) perylene	ND	ND	ND	6800	39
Benzo (k) fluoranthene	ND	ND	ND	870	39
Chrysene	ND	ND	ND	37	390
Dibenz (a,h) anthracene	ND	ND	ND	38	0.39
Fluoranthene	ND	ND	ND	500	40,000
Fluorene	ND	ND	ND	100	40,000
Indeno (1,2,3-cd) pyrene	ND	ND	ND	680	3.9
1-Methyl naphthalene	ND	ND	ND	23	70,000
2-Methyl naphthalene	ND	ND	ND	20	40,000
Naphthalene	ND	ND	ND	0.4	110
Phenanthrene	ND	0.042[J]	0.055[J]	1.8	390
Pyrene	ND	ND	ND	8700	30,000

(1) = for protection of groundwater
mg/kg = milligrams per kilogram
[J] = detected between LOD & LOQ
ND = no detect

August 11, 2002

Table 2
SOIL SAMPLE ANALYTICAL RESULTS
POLYAROMATIC HYDROCARBONS (PAH)
NEWELL RUBBERMAID - MIRRO PLANT #20
CHILTON, WISCONSIN
All Contaminants Shown In (mg/kg)

Sample ID	SB-8 6' - 7' 07/15/02	SB-12 5' - 8' 07/15/02		Suggested Generic RCL (1)
Acenaphthene	ND	ND		38
Acenaphthylene	ND	ND		0.7
Anthracene	ND	ND		3000
Benzo (a) anthracene	ND	ND		17
Benz (a) pyrene	ND	ND		48
Benzo (b) fluoranthene	ND	ND		360
Benzo (ghi) perylene	ND	ND		6800
Benzo (k) fluoranthene	ND	ND		870
Chrysene	ND	ND		37
Dibenz (a,h) anthracene	ND	ND		38
Fluoranthene	ND	ND		500
Fluorene	ND	ND		100
Indeno (1,2,3-cd) pyrene	ND	ND		680
1-Methyl naphthalene	ND	0.080[J]		23
2-Methyl naphthalene	ND	ND		20
Naphthalene	ND	0.010[J]		0.4
Phenanthrene	ND	0.038[J]		1.8
Pyrene	ND	ND		8700

(1) = for protection of groundwater
mg/kg = milligrams per kilogram
J = detected between LOD & LOQ
ND = no detect

August 11, 2002

TABLE 3
NEWELL RUBBERMAID - MIRRO PLANT #20
CHILTON, WISCONSIN
SOIL ANALYTICAL RESULTS TABLE: METALS
All contaminants shown in mg/kg

Sample ID	Sample Date	Depth (feet bgs)	Arsenic	Barium	Cadmium	Chromium	Lead	Mercury	Selenium	Silver
SB-2	07/15/02	0 - 4	**6.0**	79	1.0^{J}	29	97	0.28	17	4.1
SB-3	07/15/02	0 - 4	**2.5**	112	1.1^{J}	123	201	0.20	5.0^{J}	2.2^{J}
SB-3	07/15/02	6 - 7	1.1^{J}	40	ND	92	6.2^{J}	0.016^{J}	ND	ND
SB-4	07/15/02	0 - 4	**32**	52	ND	2100	65	0.11	39	22
SB-4	07/15/02	4 - 7	**10^{J}**	29	ND	1770	20	0.13	ND	12^{J}
SB-4	07/15/02	8 - 12	**10**	21	ND	168	6.7^{J}	0.12	15	2.1^{J}
SB-5	07/15/02	0 - 4	**4.6**	67	ND	156	88	0.37	5.4^{J}	4.7
SB-6	07/15/02	6 - 7	**2.0**	58	ND	20	19	0.024	7.3^{J}	3.9
Residual Contaminant Levels		NI I	0.039 1.6	- -	8 510	T 16000 -	50 500	- -	- -	- -

ND = No Detect mg/kg = milligrams per kilogram NI = non-industrial I = industrial
shaded = Industrial Exceedance

August 11, 2002

Hexavalent
14
200

TABLE 4
SOIL SAMPLE ANALYTICAL RESULTS
DIESEL RANGE ORGANICS (DRO)
NEWELL RUBBERMAID - MIRRO PLANT #20
CHILTON, WISCONSIN

Sample ID	Sample Date	Feet (bgs)	DRO (mg/kg)
SB-1	07/15/02	0 - 4	ND
SB-2	07/15/02	0 - 4	ND
SB-3	07/15/02	0 - 4	10
SB-6	07/15/02	6 - 7	30
SB-10	07/15/02	5 - 6	ND
SB-11	07/15/02	6 - 7	ND
Residual Contaminant Level (RCL)			***100***

ND = No Detect
bgs = below ground surface
mg/kg = milligrams per kilogram
shaded = exceeds RCL

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TABLE 5
SOIL ANALYTICAL RESULTS TABLE: PCB
NEWELL RUBBERMAID - MIRRO PLANT #20
CHILTON, WISCONSIN
All Contaminants Shown in µg/kg

Sample ID	Sample Date	Depth (feet bgs)	Aroclor 1016	Aroclor 1221	Aroclor 1232	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260
SB-5	07/15/02	0 - 4	ND	ND	ND	ND	ND	ND	ND
Residual Contaminant Levels									

ND = No Detect µg/kg = micrograms per kilogram

August 11, 2002

APPENDIX A

LABORATORY ANALYTICAL REPORTS

APPENDIX B

SOIL BORING LOGS

State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION
Form 4400-122 Rev. 7-98

Route To: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Revelopment ☐ Other ☐ _____

Page 1 of 1

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
MIRRO COMPANY PLANT 20 SITE		SB-1

Boring Drilled By: Name of crew chief (first, last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
First Name: Last Name: Firm: NORTHSHORE DRILLING INC.	07/15/2002	07/15/2002	DIRECT PUSH

WI Unique Well No.	DNR Well ID No.	Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
			Feet MSL	Feet MSL	2.0 inches

Local Grid Origin ☐ (estimated: ☐) or Boring Location ☐
State Plane _____ N, _____ E S/C/N
NE 1/4 of NW 1/4 of Section 18, T 18 N, R 20 (E)W
Lat ° ' "
Long ° ' "
Local Grid Location ☐ N ☐ E _____ Feet ☐ S _____ Feet ☐ W

Facility ID	County	County Code	Civil Town/City/ or Village
	CALUMET	08	CHILTON

Sample Number and Type	Sample Length Att. & Recovered (in)	Blow Counts	Depth in Feet (Below ground surface)	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
0-4			1-12	GRASS - 6" TOPSOIL - CHANGING TO MOTTLED BROWN & GRAY, DAMP TO MOIST, SILTY CLAY WITH TRACE SAND	CL									NO ODOR
4-8			5-6	REDDISH BROWN, MOIST, SILTY CLAY WITH TRACE GRAVEL - DENSE TO VERY DENSE	CL									NO ODOR
8-12			9-10	MOTTLED GRAY AND REDDISH BROWN, MOIST, SILTY CLAY - DENSE	CL									NO ODOR
			12	BOTTOM OF BORING										

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

Signature: J. Hosler | Firm: THE ENVIRONMENTAL MANAGEMENT CO. LLC

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

State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION

Form 4400-122 Rev. 7-98

Route To: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Revelopment ☐ Other ☐ _____

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
MIRRO COMPANY PLANT 20 SITE		SB-2

Boring Drilled By: Name of crew chief (first, last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
First Name: Last Name: Firm: NORTHSHORE DRILLING INC.	07/15/2002 (m m d d y y y y)	07/15/2002 (m m d d y y y y)	DIRECT PUSH

WI Unique Well No.	DNR Well ID No.	Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
			_____ Feet MSL	_____ Feet MSL	2.0 inches

Local Grid Origin ☐ (estimated: ☐) or Boring Location ☐
State Plane _____ N, _____ E S/C/N
NE 1/4 of NW 1/4 of Section 18, T 18 N, R 20 E W
Lat ° ' "
Long ° ' "
Local Grid Location ☐ N ☐ E _____ Feet ☐ S _____ Feet ☐ W

Facility ID	County	County Code	Civil Town/City/ or Village
	CALUMET	08	CHILTON

Sample Number and Type	Sample Length Att. & Recovered (in)	Blow Counts	Depth in Feet (Below ground surface)	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
0-4			1	GRASS - 6" TOPSOIL - CHANGING TO TAN, DARK, BROWN & BLACK, DAMP TO MOIST, CLAYEY SAND & GRAVEL AND SILTY CLAY - LOOSE	GC / SC / CL									NO ODOR
			2											
			3											
			4											
4-8			5	AS ABOVE, CHANGING AT 6' BGS TO TAN, WET, CLAYEY SAND AND SANDY CLAY	SC / CL	▽								NO ODOR
			6											
			7											
			8	BOTTOM OF BORING										
			9											
			10											
			11											
			12											

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

Signature	Firm
J. Hosler	THE ENVIRONMENTAL MANAGEMENT CO. LLC

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State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION
Form 4400-122 Rev. 7-98

Route To: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Revelopment ☐ Other ☐ _____

Page 1 of 1

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
MIRRO COMPANY PLANT 20 SITE	_ _ _ _ _ _ _ _	SB-3

Boring Drilled By: Name of crew chief (first, last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
First Name: Last Name: Firm: NORTHSHORE DRILLING INC.	07/15/2002 (m m/d d/y y y y)	07/15/2002 (m m/d d/y y y y)	DIRECT PUSH

WI Unique Well No.	DNR Well ID No.	Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
_ _ _ _ _ _ _	_ _ _ _		_____ Feet MSL	_____ Feet MSL	2.0 inches

Local Grid Origin ☐ (estimated: ☐) or Boring Location ☐
State Plane _____ N, _____ E S/C/N
NE 1/4 of NW 1/4 of Section 18, T 18 N, R 20 (E) W
Lat ° ' "
Long ° ' "
Local Grid Location ☐ N ☐ E _____ Feet ☐ S _____ Feet ☐ W

Facility ID	County	County Code	Civil Town/City/ or Village
	CALUMET	08	CHILTON

Sample Number and Type	Sample Length Att. & Recovered (in)	Blow Counts	Depth in Feet (Below ground surface)	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
0-4			1	GRASS - 6" TOPSOIL - CHANGING TO TAN, DARK BROWN & BLACK, DAMP TO MOIST, CLAYEY SAND AND GRAVEL - LOOSE	SC/GC									NO ODOR
4-8			5	AS ABOVE, CHANGING TO BROWN, WET, CLAYEY GRAVEL & GRAVELLY CLAY CHANGING AT 7' BGS TO GRAY, WET, SILTY CLAY	GC/CL	▽									NO ODOR
8-12			9	GRAY, WET, SILTY CLAY WITH LENSES OF GRAY, WET, SILT	CL/ML										NO ODOR
			12	BOTTOM OF BORING										

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

Signature: [signature] Firm: THE ENVIRONMENTAL MANAGEMENT CO. LLC

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Department of Natural Resources

SOIL BORING LOG INFORMATION

Form 4400-122 Rev. 7-98

Route To: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Revelopment ☐ Other ☐ _____

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
MIRRO COMPANY PLANT 20 SITE		SB-4

Boring Drilled By: Name of crew chief (first, last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
First Name: Last Name: Firm: NORTHSHORE DRILLING INC.	07/15/2002 (m m d d y y y y)	07/15/2002 (m m d d y y y y)	DIRECT PUSH

WI Unique Well No.	DNR Well ID No.	Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
			_____ Feet MSL	_____ Feet MSL	2.0 inches

Local Grid Origin ☐ (estimated: ☐) or Boring Location ☐
State Plane _____ N, _____ E S/C/N
NE 1/4 of NW 1/4 of Section 18, T 18 N, R 20 E W

Lat ° ' "
Long ° ' "

Local Grid Location ☐ N ☐ E _____ Feet ☐ S _____ Feet ☐ W

Facility ID	County	County Code	Civil Town/City/ or Village
	CALUMET	08	CHILTON

Sample Number and Type	Sample Length Att. & Recovered (in)	Blow Counts	Depth in Feet (Below ground surface)	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
0-4			1	GRASS - 6" TOPSOIL - CHANGING TO TAN, DARK BROWN & BLACK, DAMP TO MOIST, SILTY SAND & GRAVEL	SM / GM									NO ODOR
			2											
			3											
			4											
4-8			5	BLACK, MOIST TO WET, CLAYEY SAND AND GRAVEL CHANGING AT 7' BGS TO GRAY, WET, SILTY CLAY AND CLAYEY SILT	SC / GC / CL / ML	▽									STRONG PETROLEUM ODOR CHANGING AT 7' BGS TO SLIGHT
			6											
			7											
			8											
8-12			9	GRAY, WET, CLAYEY SAND AND GRAY, WET, SILTY CLAY	SC / CL									SLIGHT PETROLEUM ODOR
			10											
			11											
			12	BOTTOM OF BORING										

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

Signature	Firm
D. L. Hosler	THE ENVIRONMENTAL MANAGEMENT CO. LLC

State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION

Form 4400-122 Rev. 7-98

Route To: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Revelopment ☐ Other ☐ _____

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
MIRRO COMPANY PLANT 20 SITE		SB-5

Boring Drilled By: Name of crew chief (first, last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
First Name: Last Name: Firm: NORTHSHORE DRILLING INC.	07/15/2002 (m m d d y y y y)	07/15/2002 (m m d d y y y y)	DIRECT PUSH

WI Unique Well No.	DNR Well ID No.	Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
			_____ Feet MSL	_____ Feet MSL	2.0 inches

Local Grid Origin ☐ (estimated: ☐) or Boring Location ☐
State Plane _____ N, _____ E S/C/N
NE 1/4 of NW 1/4 of Section 18, T 18 N, R 20 (E) W

Lat ° ' "
Long ° ' "

Local Grid Location
_____ Feet ☐ N ☐ S _____ Feet ☐ E ☐ W

Facility ID	County	County Code	Civil Town/City/ or Village
	CALUMET	08	CHILTON

Sample Number and Type	Sample Length Att. & Recovered (in)	Blow Counts	Depth in Feet (Below ground surface)	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
0-4			1	GRASS- 6" TOPSOIL- CHANGING TO BROWN, DAMP, SILTY CLAY WITH SOME SAND & GRAVEL	CL									NO ODOR
			2											
			3											
			4											
4-8			5	BROWN, MOIST, SILTY CLAY WITH TRACE GRAVEL	CL									NO ODOR
			6											
			7											
			8			▽								
8-12			9	GRAY, WET, SILT AND FINE SAND	ML / SP									NO ODOR
			10											
			11											
			12	BOTTOM OF BORING										

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

Signature	Firm
J. Hosler	THE ENVIRONMENTAL MANAGEMENT CO. LLC

State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION

Form 4400-122 Rev. 7-98

Route To: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Revelopment ☐ Other ☐ _____

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
MIRRO COMPANY PLANT 20 SITE	_ _ _ _ _ _ _	SB-6

Boring Drilled By: Name of crew chief (first, last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
First Name: Last Name: Firm: NORTHSHORE DRILLING INC.	07/15/2002 (m m d d y y y y)	07/15/2002 (m m d d y y y y)	DIRECT PUSH

WI Unique Well No.	DNR Well ID No.	Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
_ _ _ _ _ _ _	_ _ _ _		_____ Feet MSL	_____ Feet MSL	2.0 inches

Local Grid Origin ☐ (estimated: ☐) or Boring Location ☐
State Plane _____ N, _____ E S/C/N
NE 1/4 of NW 1/4 of Section 18, T 18 N, R 20 E/W

Lat ° ' "
Long ° ' "

Local Grid Location
_____ Feet ☐ N ☐ S _____ Feet ☐ E ☐ W

Facility ID	County	County Code	Civil Town/City/ or Village
	CALUMET	08	CHILTON

Sample Number and Type	Sample Length Att. & Recovered (in)	Blow Counts	Depth in Feet (Below ground surface)	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
0-4			1	GRASS - 6" TOPSOIL - CHANGING TO TAN, BROWN & BLACK, DAMP TO MOIST, CLAYEY SAND AND GRAVEL	SC									NO ODOR
			2		GC									
			3											
			4											
4-8			5	AS ABOVE, CHANGING TO BROWN, WET, SANDY CLAY, CHANGING AT 6' BGS TO BLACK, WET, CLAYEY SAND & GRAVEL	SC	▽								NO ODOR - STRONG PETROLEUM ODOR AT 6' BGS - SLIGHT ODOR AT 7' BGS
			6		GC									
					CL									
			7	CHANGING AT 7' BGS TO GRAY, WET, SILTY CLAY	SC									
					GC									
			8		CL									
8-12			9	GRAY, WET, SILTY CLAY AND CLAYEY SILT	CL									SLIGHT PETROLEUM ODOR CHANGING TO NO ODOR
					ML									
			10											
			11											
			12	BOTTOM OF BORING										

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

Signature J. L. Hosler | Firm THE ENVIRONMENTAL MANAGEMENT CO. LLC

State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION
Form 4400-122 Rev. 7-98

Route To: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Revelopment ☐ Other ☐ _____

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Facility/Project Name	License/Permit/Monitoring Number	Boring Number
MIRRO COMPANY PLANT 20 SITE		SB-7

Boring Drilled By: Name of crew chief (first, last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
First Name: Last Name: Firm: NORTHSHORE DRILLING INC.	07/15/2002 (m m / d d / y y y y)	07/15/2002 (m m / d d / y y y y)	DIRECT PUSH

WI Unique Well No.	DNR Well ID No.	Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
			____ Feet MSL	____ Feet MSL	2.0 inches

Local Grid Origin ☐ (estimated: ☐) or Boring Location ☐
State Plane _____ N, _____ E S/C/N
NE 1/4 of NW 1/4 of Section 18, T 18 N, R 20 E W
Lat ° ' "
Long ° ' "
Local Grid Location ☐ N ☐ E ____ Feet ☐ S ____ Feet ☐ W

Facility ID	County	County Code	Civil Town/City/ or Village
	CALUMET	08	CHILTON

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet (Below ground surface)	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
0-4			1	ASPHALT PAVEMENT & CRUSHED STONE CHANGING TO BROWN, MOIST, SILTY CLAY WITH SOME GRAVEL	CL									NO ODOR
			2											
			3											
4-8			4	AS ABOVE, CHANGING TO GRAY, WET, SILTY SAND & GRAVEL, CHANGING AT 6' BGS TO BLACK, WET, SILTY SAND & GRAVEL, CHANGING AT 7' BGS TO GRAY, WET, SILT	CL									NO ODOR CHANGING TO PETROLEUM ODOR AT 6' BGS CHANGING TO SLIGHT PETROLEUM ODOR AT 7' BGS
			5		GM	▽								
			6		SM									
			7		ML									
			8											
8-12			9	GRAY, WET, SILT WITH SOME SAND	ML									SLIGHT PETROLEUM ODOR
			10											
			11											
			12	BOTTOM OF BORING										

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Signature	Firm
D L Hosler	THE ENVIRONMENTAL MANAGEMENT CO. LLC

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SOIL BORING LOG INFORMATION
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Route To: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Revelopment ☐ Other ☐ _____

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Facility/Project Name	License/Permit/Monitoring Number	Boring Number
MIRRO COMPANY PLANT 20 SITE		SB-8

Boring Drilled By: Name of crew chief (first, last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
First Name: Last Name: Firm: NORTHSHORE DRILLING INC.	07/15/2002 (m m d d y y y y)	07/15/2002 (m m d d y y y y)	DIRECT PUSH

WI Unique Well No.	DNR Well ID No.	Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
			_____ Feet MSL	_____ Feet MSL	2.0 inches

Local Grid Origin ☐ (estimated: ☐) or Boring Location ☐
State Plane _____ N, _____ E S/C/N
NE 1/4 of NW 1/4 of Section 18, T 18 N, R 20 (E) W
Lat ° ' "
Long ° ' "
Local Grid Location ☐ N ☐ E _____ Feet ☐ S _____ Feet ☐ W

Facility ID	County	County Code	Civil Town/City/ or Village
	CALUMET	08	CHILTON

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet (Below ground surface)	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
0-4			1	ASPHALT PAVEMENT & CRUSHED STONE CHANGING TO BROWN, DAMP, SILTY CLAY WITH TRACE GRA-	CL									PETROLEUM ODOR
			2		CL									
			3	VEL CHANGING AT 2' BGS TO GRAY & BLACK,										
			4	DAMP, SILTY CLAY WITH TRACE SAND										
			5	AS ABOVE, CHANGING TO BROWN, WET, CLAYEY SAND	CL SC	▽								
4-8			6	AND GRAVEL, CHANGING AT 6' BGS TO BLACK, WET,	GC									PETROLEUM ODOR
			7	CLAYEY SAND & GRAVEL AND GRAY, WET, SILTY CLAY	CL SC									
			8	CHANGING AT 7' BGS TO BROWN, WET, CLAYEY SAND AND GRAVEL	GC									
8-12			9	AS ABOVE, CHANGING AT 10' BGS TO BROWN & GRAY, WET,	SC									SLIGHT PETROLEUM ODOR
			10	SILTY CLAY WITH GRAVEL,	GC CL									
			11	CHANGING AT 11' BGS TO TAN, WET, CLAYEY SAND & SILTY SAND	SC									
			12	BOTTOM OF BORING	SM									

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

Signature	Firm
J. Hosler	THE ENVIRONMENTAL MANAGEMENT CO. LLC

State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION
Form 4400-122 Rev. 7-98

Route To: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Revelopment ☐ Other ☐ _____

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Facility/Project Name	License/Permit/Monitoring Number	Boring Number
MIRRO COMPANY PLANT 20 SITE		SB-9

Boring Drilled By: Name of crew chief (first, last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
First Name: Last Name: Firm: NORTHSHORE DRILLING INC.	07/15/2002	07/15/2002	DIRECT PUSH

WI Unique Well No.	DNR Well ID No.	Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
			_____ Feet MSL	_____ Feet MSL	2.0 inches

Local Grid Origin ☐ (estimated: ☐) or Boring Location ☐
State Plane _____ N, _____ E S/C/N
NE 1/4 of NW 1/4 of Section 18, T 18 N, R 20 ☐E ☐W
Lat ° ' "
Long ° ' "
Local Grid Location ☐N ☐E _____ Feet ☐S _____ Feet ☐W

Facility ID	County	County Code	Civil Town/City/ or Village
	CALUMET	08	CHILTON

Sample Number and Type	Sample Length Att. & Recovered (in)	Blow Counts	Depth in Feet (Below ground surface)	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
0-4			1	ASPHALT PAVEMENT & CRUSHED STONE, CHANGING TO BROWN, DAMP TO MOIST, SILTY CLAY WITH GRAVEL	CL									NO ODOR
			2											
			3	CHANGING TO TAN, DRY, PEA GRAVEL (FILL)	GP									
			4											
8-4			5	AS ABOVE, CHANGING AT 5' BGS TO BROWN AND GRAY, WET, SILTY FINE SAND	GP/SM	▽								NO ODOR
			6											
			7											
			8	BOTTOM OF BORING										
			9											
			10											
			11											
			12											

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

Signature	Firm
J. Hosler	THE ENVIRONMENTAL MANAGEMENT CO. LLC

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SOIL BORING LOG INFORMATION
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Route To: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Revelopment ☐ Other ☐ _____

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Facility/Project Name	License/Permit/Monitoring Number	Boring Number
MIRRO COMPANY PLANT 20 SITE		SB-10

Boring Drilled By: Name of crew chief (first, last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
First Name: Last Name: Firm: NORTHSHORE DRILLING INC.	07/15/2002 (m m d d y y y y)	07/15/2002 (m m d d y y y y)	DIRECT PUSH

WI Unique Well No.	DNR Well ID No.	Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
			_____ Feet MSL	_____ Feet MSL	2.0 inches

Local Grid Origin ☐ (estimated: ☐) or Boring Location ☐
State Plane _____ N, _____ E S/C/N
NE 1/4 of NW 1/4 of Section 18, T 18 N, R 20 (E)W
Lat ° ' "
Long ° ' "
Local Grid Location ☐ N ☐ E _____ Feet ☐ S _____ Feet ☐ W

Facility ID	County	County Code	Civil Town/City/ or Village
	CALUMET	08	CHILTON

Sample Number and Type	Sample Length Att. & Recovered (in)	Blow Counts	Depth in Feet (Below ground surface)	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
0-4			1	ASPHALT PAVEMENT AND CRUSHED STONE, CHANGING TO BROWN & GRAY, DAMP, CLAYEY SAND & GRAVEL, CHANGING AT 2' BGS TO DARK BROWN, MOIST, SILTY CLAY WITH TRACE SAND	SC/GC/CL									NO ODOR
			2											
			3											
			4											
4-8			5	BROWN AND GRAY, WET, SILTY SAND & GRAVEL	SM/GM	▽								SLIGHT PETROLEUM ODOR
			6											
			7											
			8	BOTTOM OF BORING										
			9											
			10											
			11											
			12											

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

Signature: J. Hosler | Firm: THE ENVIRONMENTAL MANAGEMENT CO. LLC

State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION

Form 4400-122 Rev. 7-98

Route To: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Revelopment ☐ Other ☐ _____

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Facility/Project Name	License/Permit/Monitoring Number	Boring Number
MIRRO COMPANY PLANT 20 SITE		SB-11

Boring Drilled By: Name of crew chief (first, last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
First Name: Last Name: Firm: NORTHSHORE DRILLING INC.	07/15/2002 (m m d d y y y y)	07/15/2002 (m m d d y y y y)	DIRECT PUSH

WI Unique Well No.	DNR Well ID No.	Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
			_____ Feet MSL	_____ Feet MSL	2.0 inches

Local Grid Origin ☐ (estimated: ☐) or Boring Location ☐
State Plane _____ N, _____ E S/C/N
NE 1/4 of NW 1/4 of Section 18, T 18 N, R 20 E W

Lat ___ ° ___ ' ___ "
Long ___ ° ___ ' ___ "

Local Grid Location
_____ Feet ☐ N ☐ S _____ Feet ☐ E ☐ W

Facility ID	County	County Code	Civil Town/City/ or Village
	CALUMET	08	CHILTON

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet (Below ground surface)	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
0-4			1–12	ASPHALT PAVEMENT AND CRUSHED STONE, CHANGING TO DARK BROWN, DAMP, CLAYEY SAND AND GRAVEL, CHANGING TO BROWN, MOIST, SILTY CLAY WITH GRAVEL	SC / GC / CL									NO ODOR
4-8			5–7	BROWN & GRAY, MOIST TO WET, SILTY CLAY CHANGING AT 6' BGS TO DARK BROWN, MOIST TO WET SILTY CLAY CHANGING AT 7' BGS TO GRAY, WET, CLAYEY SILT	CL / ML	▽								NO ODOR CHANGING TO SLIGHT PETROLEUM ODOR AT 6' BGS CHANGING TO NO ODOR
			8	BOTTOM OF BORING										

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

Signature: D. L. Hosler | Firm: THE ENVIRONMENTAL MANAGEMENT CO. LLC

State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION

Form 4400-122 Rev. 7-98

Route To: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Revelopment ☐ Other ☐ _____

Page 1 of 1

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
MIRRO COMPANY PLANT 20 SITE		SB-12

Boring Drilled By: Name of crew chief (first, last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
First Name: Last Name: Firm: NORTHSHORE DRILLING INC.	07/15/2002 (m m d d y y y y)	07/15/2002 (m m d d y y y y)	DIRECT PUSH

WI Unique Well No.	DNR Well ID No.	Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
			_____ Feet MSL	_____ Feet MSL	2.0 inches

Local Grid Origin ☐ (estimated: ☐) or Boring Location ☐
State Plane _____ N, _____ E S/C/N
NE 1/4 of NW 1/4 of Section 18, T 18 N, R 20 E/W

Lat ___ ° ___ ' ___ "
Long ___ ° ___ ' ___ "

Local Grid Location
_____ Feet ☐ N ☐ S _____ Feet ☐ E ☐ W

Facility ID	County	County Code	Civil Town/City/ or Village
	CALUMET	08	CHILTON

Sample Number and Type	Sample Length Att. & Recovered (in)	Blow Counts	Depth in Feet (Below ground surface)	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
0-4			1	GRASS - 6" TOPSOIL - CHANGING TO BROWN, MOIST, SILTY CLAY WITH SOME GRAVEL	CL									SLIGHT PETROLEUM ODOR AT 4' BGS
			2											
			3											
			4											
4-8			5	AS ABOVE, CHANGING AT 5' BGS TO BROWN AND GRAY, WET, CLAYEY FINE SAND AND CLAYEY SILT	CL / SC / ML	▽								PETROLEUM ODOR
			6											
			7											
			8	BOTTOM OF BORING										
			9											
			10											
			11											
			12											

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

Signature: J. Hosler | Firm: THE ENVIRONMENTAL MANAGEMENT CO. LLC

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

APPENDIX C

SOIL BORING ABANDONMENT FORMS

State of Wisconsin
Department of Natural Resources

WELL/DRILLHOLE/BOREHOLE ABANDONMENT

Form 3300-5B Rev. 3-95

All abandonment work shall be performed in accordance with the provisions of Chapters NR 811, NR 812 or NR 141, Wis. Adm. Code, whichever is applicable. Also, see instructions on back.

(1) GENERAL INFORMATION

Well/Drillhole/Borehole Location: SB-1

County: CALUMET

NE 1/4 of NW 1/4 of Sec. 18 ; T. 18 N; R. 20 ☑ E ☐ W

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

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

Civil Town Name

Street Address of Well: 44 WALNUT STREET

City, Village: CHILTON

(2) FACILITY NAME

Original Well Owner (If Known): NEWELL RUBBERMAID

Present Well Owner: SAME

Street or Route: 29 EAST STEPHENSON

City, State, Zip Code: FREEPORT IL 61032

Facility Well No. and/or Name (If Applicable)

WI Unique Well No.

Reason For Abandonment: SOIL CONTAMINATION ASSESSMENT BORING

Date of Abandonment: 15JUL02

WELL/DRILLHOLE/BOREHOLE INFORMATION

(3) Original Well/Drillhole/Borehole Construction Completed On

(Date) 15 JUL 02

☐ Monitoring Well
☐ Water Well
☐ Drillhole
☑ Borehole

Construction Report Available? ☑ Yes ☐ No

Construction Type:
☐ Drilled ☐ Driven (Sandpoint) ☐ Dug
☑ Other (Specify) DIRECT PUSH

Formation Type:
☑ Unconsolidated Formation ☐ Bedrock

Total Well Depth (ft.) 12 (From groundsurface)

Casing Diameter (in.) N/A

Casing Depth (ft.) N/A

Lower Drillhole Diameter (in.) 2.0

Was Well Annular Space Grouted? ☐ Yes ☐ No ☐ Unknown
If Yes, To What Depth? N/A 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: SOIL BORING - NO CASING USED

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) Material Used To Fill Well/Drillhole	From (Ft.)	To (Ft.)	No. Yards, Sacks Sealant or Volume (Circle One)	Mix Ratio or Mud Weight
GRANULAR BENTONITE	Surface	12	1 SACK	

(8) Comments:

(9) Name of Person or Firm Doing Sealing Work: NORTHSHORE DRILLING INC.

Signature of Person Doing Work | Date Signed

Street or Route: P.O. BOX 255 | Telephone Number: (262) 375-8121

City, State, Zip Code: GRAFTON WI 53024

(10) FOR DNR OR COUNTY USE ONLY

Date Received/Inspected	District/County
Reviewer/Inspector	☐ Complying Work ☐ Noncomplying Work
Follow-up Necessary	

State of Wisconsin
Department of Natural Resources

WELL/DRILLHOLE/BOREHOLE ABANDONMENT

Form 3300-5B Rev. 3-95

All abandonment work shall be performed in accordance with the provisions of Chapters NR 811, NR 812 or NR 141, Wis. Adm. Code, whichever is applicable. Also, see instructions on back.

(1) GENERAL INFORMATION

Well/Drillhole/Borehole Location: SB-2

County: CALUMET

NE 1/4 of NW 1/4 of Sec. 18 ; T. 18 N; R. 20 ☑ E ☐ W

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

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

Civil Town Name:

Street Address of Well: 44 WALNUT STREET

City, Village: CHILTON

(2) FACILITY NAME

Original Well Owner (If Known): NEWELL RUBBERMAID

Present Well Owner: SAME

Street or Route: 29 EAST STEPHENSON

City, State, Zip Code: FREEPORT IL 61032

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

WI Unique Well No.: _____

Reason For Abandonment: SOIL CONTAMINATION ASSESSMENT BORING

Date of Abandonment: 15JUL02

WELL/DRILLHOLE/BOREHOLE INFORMATION

(3) Original Well/Drillhole/Borehole Construction Completed On

(Date): 15 JUL 02

☐ Monitoring Well
☐ Water Well
☐ Drillhole
☑ Borehole

Construction Report Available? ☑ Yes ☐ No

Construction Type:
☐ Drilled ☐ Driven (Sandpoint) ☐ Dug
☑ Other (Specify) DIRECT PUSH

Formation Type:
☑ Unconsolidated Formation ☐ Bedrock

Total Well Depth (ft.) 12 (From groundsurface)

Casing Diameter (in.) N/A

Casing Depth (ft.) N/A

Lower Drillhole Diameter (in.) 2.0

Was Well Annular Space Grouted? ☐ Yes ☐ No ☐ Unknown

If Yes, To What Depth? N/A Feet

(4) Depth to Water (Feet) 6

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: SOIL BORING - NO CASING USED

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) Material Used To Fill Well/Drillhole	From (Ft.)	To (Ft.)	No. Yards, Sacks Sealant or Volume (Circle One)	Mix Ratio or Mud Weight
GRANULAR BENTONITE	Surface	12	1 SACK	

(8) Comments:

(9) Name of Person or Firm Doing Sealing Work: NORTHSHORE DRILLING INC.

Signature of Person Doing Work: _____ Date Signed: _____

Street or Route: P.O. BOX 255 Telephone Number: (262) 375-8121

City, State, Zip Code: GRAFTON WI 53024

(10) FOR DNR OR COUNTY USE ONLY

Date Received/Inspected	District/County
Reviewer/Inspector	☐ Complying Work ☐ Noncomplying Work
Follow-up Necessary	

State of Wisconsin
Department of Natural Resources

WELL/DRILLHOLE/BOREHOLE ABANDONMENT

Form 3300-5B Rev. 3-95

All abandonment work shall be performed in accordance with the provisions of Chapters NR 811, NR 812 or NR 141, Wis. Adm. Code, whichever is applicable. Also, see instructions on back.

(1) GENERAL INFORMATION

Well/Drillhole/Borehole Location: SB-3

County: CALUMET

NE 1/4 of NW 1/4 of Sec. 18 ; T. 18 N; R. 20 ☑ E ☐ W

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

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

Civil Town Name

Street Address of Well: 44 WALNUT STREET

City, Village: CHILTON

(2) FACILITY NAME

Original Well Owner (If Known): HEWELL RUBBERMAID

Present Well Owner: SAME

Street or Route: 29 EAST STEPHENSON

City, State, Zip Code: FREEPORT IL 61032

Facility Well No. and/or Name (If Applicable)

WI Unique Well No. _ _ _ _ _ _ _

Reason For Abandonment: SOIL CONTAMINATION ASSESSMENT BORING

Date of Abandonment: 15JUL02

WELL/DRILLHOLE/BOREHOLE INFORMATION

(3) Original Well/Drillhole/Borehole Construction Completed On

(Date): 15 JUL 02

☐ Monitoring Well
☐ Water Well
☐ Drillhole
☑ Borehole

Construction Report Available? ☑ Yes ☐ No

Construction Type:
☐ Drilled ☐ Driven (Sandpoint) ☐ Dug
☑ Other (Specify) DIRECT PUSH

Formation Type:
☑ Unconsolidated Formation ☐ Bedrock

Total Well Depth (ft.) 12 (From groundsurface)

Casing Diameter (in.) N/A

Casing Depth (ft.) N/A

Lower Drillhole Diameter (in.) 2.0

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

(4) Depth to Water (Feet) 5

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: SOIL BORING - NO CASING USED

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) Material Used To Fill Well/Drillhole	From (Ft.)	To (Ft.)	No. Yards, Sacks Sealant or Volume (Circle One)	Mix Ratio or Mud Weight
GRANULAR BENTONITE	Surface	12	1 SACK	

(8) Comments:

(9) Name of Person or Firm Doing Sealing Work: NORTHSHORE DRILLING INC.

Signature of Person Doing Work | Date Signed

Street or Route: P.O. BOX 255 | Telephone Number: (262) 375-8121

City, State, Zip Code: GRAFTON WI 53024

(10) FOR DNR OR COUNTY USE ONLY

Date Received/Inspected	District/County
Reviewer/Inspector	☐ Complying Work ☐ Noncomplying Work
Follow-up Necessary	

State of Wisconsin
Department of Natural Resources

WELL/DRILLHOLE/BOREHOLE ABANDONMENT

Form 3300-5B Rev. 3-95

All abandonment work shall be performed in accordance with the provisions of Chapters NR 811, NR 812 or NR 141, Wis. Adm. Code, whichever is applicable. Also, see instructions on back.

(1) GENERAL INFORMATION

Well/Drillhole/Borehole Location: SB-4

County: CALUMET

NE 1/4 of NW 1/4 of Sec. 18 ; T. 18 N; R. 20 ☑ E ☐ W

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

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

Civil Town Name

Street Address of Well: 44 WALNUT STREET

City, Village: CHILTON

(2) FACILITY NAME

Original Well Owner (If Known): NEWELL RUBBERMAID

Present Well Owner: SAME

Street or Route: 29 EAST STEPHENSON

City, State, Zip Code: FREEPORT IL 61032

Facility Well No. and/or Name (If Applicable)

WI Unique Well No. _ _ _ _ _

Reason For Abandonment: SOIL CONTAMINATION ASSESSMENT BORING

Date of Abandonment: 15JUL02

WELL/DRILLHOLE/BOREHOLE INFORMATION

(3) Original Well/Drillhole/Borehole Construction Completed On

(Date): 15 JUL 02

☐ Monitoring Well
☐ Water Well
☐ Drillhole
☑ Borehole

Construction Report Available? ☑ Yes ☐ No

Construction Type:
☐ Drilled ☐ Driven (Sandpoint) ☐ Dug
☑ Other (Specify): DIRECT PUSH

Formation Type:
☑ Unconsolidated Formation ☐ Bedrock

Total Well Depth (ft.) (From groundsurface): 12

Casing Diameter (in.): N/A

Casing Depth (ft.): N/A

Lower Drillhole Diameter (in.): 2.0

Was Well Annular Space Grouted? ☐ Yes ☐ No ☐ Unknown

If Yes, To What Depth? N/A Feet

(4) Depth to Water (Feet): 7

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: SOIL BORING - NO CASING USED

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) Material Used To Fill Well/Drillhole	From (Ft.)	To (Ft.)	No. Yards, Sacks Sealant or Volume (Circle One)	Mix Ratio or Mud Weight
GRANULAR BENTONITE	Surface	12	1 SACK	

(8) Comments:

(9) Name of Person or Firm Doing Sealing Work: NORTHSHORE DRILLING INC.

Signature of Person Doing Work

Date Signed

Street or Route: P.O. BOX 255

Telephone Number: (262) 375-8121

City, State, Zip Code: GRAFTON WI 53024

(10) FOR DNR OR COUNTY USE ONLY	
Date Received/Inspected	District/County
Reviewer/Inspector	☐ Complying Work ☐ Noncomplying Work
Follow-up Necessary	

State of Wisconsin
Department of Natural Resources

WELL/DRILLHOLE/BOREHOLE ABANDONMENT

Form 3300-5B Rev. 3-95

All abandonment work shall be performed in accordance with the provisions of Chapters NR 811, NR 812 or NR 141, Wis. Adm. Code, whichever is applicable. Also, see instructions on back.

(1) GENERAL INFORMATION

Well/Drillhole/Borehole Location: SB-5

County: CALUMET

NE 1/4 of NW 1/4 of Sec. 18 ; T. 18 N; R. 20 ☑ E ☐ W

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

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

Civil Town Name

Street Address of Well: 44 WALNUT STREET

City, Village: CHILTON

(2) FACILITY NAME

Original Well Owner (If Known): HEWELL RUBBERMAID

Present Well Owner: SAME

Street or Route: 29 EAST STEPHENSON

City, State, Zip Code: FREEPORT IL 61032

Facility Well No. and/or Name (If Applicable)

WI Unique Well No.

Reason For Abandonment: SOIL CONTAMINATION ASSESSMENT BORING

Date of Abandonment: 15JUL02

WELL/DRILLHOLE/BOREHOLE INFORMATION

(3) Original Well/Drillhole/Borehole Construction Completed On

(Date) 15 JUL 02

☐ Monitoring Well
☐ Water Well
☐ Drillhole
☑ Borehole

Construction Report Available? ☑ Yes ☐ No

Construction Type:
☐ Drilled ☐ Driven (Sandpoint) ☐ Dug
☑ Other (Specify) DIRECT PUSH

Formation Type:
☑ Unconsolidated Formation ☐ Bedrock

Total Well Depth (ft.) 12 (From groundsurface)

Casing Diameter (in.) N/A

Casing Depth (ft.) N/A

Lower Drillhole Diameter (in.) 2.0

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

(4) Depth to Water (Feet) 8

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 SOIL BORING - NO CASING USED

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) Material Used To Fill Well/Drillhole	From (Ft.)	To (Ft.)	No. Yards, Sacks Sealant or Volume (Circle One)	Mix Ratio or Mud Weight
GRANULAR BENTONITE	Surface	12	<1 SACK	

(8) Comments:

(9) Name of Person or Firm Doing Sealing Work: NORTHSHORE DRILLING INC.

Signature of Person Doing Work

Date Signed

Street or Route: P.O. BOX 255

Telephone Number: (262) 375-8121

City, State, Zip Code: GRAFTON WI 53024

(10) FOR DNR OR COUNTY USE ONLY

Date Received/Inspected	District/County
Reviewer/Inspector	☐ Complying Work ☐ Noncomplying Work
Follow-up Necessary	

State of Wisconsin
Department of Natural Resources

WELL/DRILLHOLE/BOREHOLE ABANDONMENT

Form 3300-5B Rev. 3-95

All abandonment work shall be performed in accordance with the provisions of Chapters NR 811, NR 812 or NR 141, Wis. Adm. Code, whichever is applicable. Also, see instructions on back.

(1) GENERAL INFORMATION

Well/Drillhole/Borehole Location: SB-6

County: CALUMET

NE 1/4 of NW 1/4 of Sec. 18 ; T. 18 N; R. 20 ☑ E ☐ W

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

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

Civil Town Name

Street Address of Well: 44 WALNUT STREET

City, Village: CHILTON

(2) FACILITY NAME

Original Well Owner (If Known): HEWELL RUBBERMAID

Present Well Owner: SAME

Street or Route: 29 EAST STEPHENSON

City, State, Zip Code: FREEPORT IL 61032

Facility Well No. and/or Name (If Applicable)

WI Unique Well No. _ _ _ _ _ _

Reason For Abandonment: SOIL CONTAMINATION ASSESSMENT BORING

Date of Abandonment: 15 JUL 02

WELL/DRILLHOLE/BOREHOLE INFORMATION

(3) Original Well/Drillhole/Borehole Construction Completed On

(Date) 15 JUL 02

☐ Monitoring Well
☐ Water Well
☐ Drillhole
☑ Borehole

Construction Report Available? ☑ Yes ☐ No

Construction Type:
☐ Drilled ☐ Driven (Sandpoint) ☐ Dug
☑ Other (Specify) DIRECT PUSH

Formation Type:
☑ Unconsolidated Formation ☐ Bedrock

Total Well Depth (ft.) 12 (From groundsurface)

Casing Diameter (in.) N/A
Casing Depth (ft.) N/A

Lower Drillhole Diameter (in.) 2.0

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

(4) Depth to Water (Feet) 5

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 SOIL BORING - NO CASING USED

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) Material Used To Fill Well/Drillhole	From (Ft.)	To (Ft.)	No. Yards, Sacks Sealant or Volume (Circle One)	Mix Ratio or Mud Weight
GRANULAR BENTONITE	Surface	12	1 SACK	

(8) Comments:

(9) Name of Person or Firm Doing Sealing Work: NORTHSHORE DRILLING INC.

Signature of Person Doing Work | Date Signed

Street or Route: P.O. BOX 255 | Telephone Number: (262) 375-8121

City, State, Zip Code: GRAFTON WI 53024

(10) FOR DNR OR COUNTY USE ONLY	
Date Received/Inspected	District/County
Reviewer/Inspector	☐ Complying Work ☐ Noncomplying Work
Follow-up Necessary	

State of Wisconsin
Department of Natural Resources

WELL/DRILLHOLE/BOREHOLE ABANDONMENT

Form 3300-5B Rev. 3-95

All abandonment work shall be performed in accordance with the provisions of Chapters NR 811, NR 812 or NR 141, Wis. Adm. Code, whichever is applicable. Also, see instructions on back.

(1) GENERAL INFORMATION

Well/Drillhole/Borehole Location: SB-7

County: CALUMET

NE 1/4 of NW 1/4 of Sec. 18 ; T. 18 N; R. 20 ☑ E ☐ W

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

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

Civil Town Name

Street Address of Well: 44 WALNUT STREET

City, Village: CHILTON

(2) FACILITY NAME

Original Well Owner (If Known): HEWELL RUBBERMAID

Present Well Owner: SAME

Street or Route: 29 EAST STEPHENSON

City, State, Zip Code: FREEPORT IL 61032

Facility Well No. and/or Name (If Applicable)

WI Unique Well No.

Reason For Abandonment: SOIL CONTAMINATION ASSESSMENT BORING

Date of Abandonment: 15JUL02

WELL/DRILLHOLE/BOREHOLE INFORMATION

(3) Original Well/Drillhole/Borehole Construction Completed On (Date): 15 JUL 02

☐ Monitoring Well
☐ Water Well
☐ Drillhole
☑ Borehole

Construction Report Available? ☑ Yes ☐ No

Construction Type:
☐ Drilled ☐ Driven (Sandpoint) ☐ Dug
☑ Other (Specify) DIRECT PUSH

Formation Type:
☑ Unconsolidated Formation ☐ Bedrock

Total Well Depth (ft.) 12 (From groundsurface)

Casing Diameter (in.) N/A

Casing Depth (ft.) N/A

Lower Drillhole Diameter (in.) 2.0

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

(4) Depth to Water (Feet) 5

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: SOIL BORING - NO CASING USED

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) Material Used To Fill Well/Drillhole	From (Ft.)	To (Ft.)	No. Yards, Sacks Sealant or Volume (Circle One)	Mix Ratio or Mud Weight
GRANULAR BENTONITE	Surface	12	1 SACK	

(8) Comments:

(9) Name of Person or Firm Doing Sealing Work: NORTHSHORE DRILLING INC.

Signature of Person Doing Work | Date Signed

Street or Route: P.O. BOX 255 | Telephone Number: (262) 375-8121

City, State, Zip Code: GRAFTON WI 53024

(10) FOR DNR OR COUNTY USE ONLY	
Date Received/Inspected	District/County
Reviewer/Inspector	☐ Complying Work ☐ Noncomplying Work
Follow-up Necessary	

State of Wisconsin
Department of Natural Resources

WELL/DRILLHOLE/BOREHOLE ABANDONMENT

Form 3300-5B Rev. 3-95

All abandonment work shall be performed in accordance with the provisions of Chapters NR 811, NR 812 or NR 141, Wis. Adm. Code, whichever is applicable. Also, see instructions on back.

(1) GENERAL INFORMATION

Well/Drillhole/Borehole Location: SB-8

County: CALUMET

NE 1/4 of NW 1/4 of Sec. 18 ; T. 18 N; R. 20 ☑ E ☐ W

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

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

Civil Town Name

Street Address of Well: 44 WALNUT STREET

City, Village: CHILTON

(2) FACILITY NAME

Original Well Owner (If Known): HEWELL RUBBERMAID

Present Well Owner: SAME

Street or Route: 29 EAST STEPHENSON

City, State, Zip Code: FREEPORT IL 61032

Facility Well No. and/or Name (If Applicable)

WI Unique Well No. _ _ _ _ _ _

Reason For Abandonment: SOIL CONTAMINATION ASSESSMENT BORING

Date of Abandonment: 15 JUL 02

WELL/DRILLHOLE/BOREHOLE INFORMATION

(3) Original Well/Drillhole/Borehole Construction Completed On

(Date): 15 JUL 02

☐ Monitoring Well
☐ Water Well
☐ Drillhole
☑ Borehole

Construction Report Available? ☑ Yes ☐ No

Construction Type:
☐ Drilled ☐ Driven (Sandpoint) ☐ Dug
☑ Other (Specify) DIRECT PUSH

Formation Type:
☑ Unconsolidated Formation ☐ Bedrock

Total Well Depth (ft.) (From groundsurface): 12

Casing Diameter (in.): N/A

Casing Depth (ft.): N/A

Lower Drillhole Diameter (in.): 2.0

Was Well Annular Space Grouted? ☐ Yes ☐ No ☐ Unknown

If Yes, To What Depth? N/A Feet

(4) Depth to Water (Feet): 5

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: SOIL BORING - NO CASING USED

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) Material Used To Fill Well/Drillhole	From (Ft.)	To (Ft.)	No. Yards, Sacks Sealant or Volume (Circle One)	Mix Ratio or Mud Weight
GRANULAR BENTONITE	Surface	12	1 SACK	

(8) Comments:

(9) Name of Person or Firm Doing Sealing Work: NORTHSHORE DRILLING INC.

Signature of Person Doing Work

Date Signed

Street or Route: P.O. BOX 255

Telephone Number: (262) 375-8121

City, State, Zip Code: GRAFTON WI 53024

(10) FOR DNR OR COUNTY USE ONLY

Date Received/Inspected	District/County
Reviewer/Inspector	☐ Complying Work ☐ Noncomplying Work
Follow-up Necessary	

State of Wisconsin
Department of Natural Resources

WELL/DRILLHOLE/BOREHOLE ABANDONMENT

Form 3300-5B Rev. 3-95

l abandonment work shall be performed in accordance with the provisions of Chapters NR 811, NR 812 or NR 141, Wis. Adm. Code, hichever is applicable. Also, see instructions on back.

(1) GENERAL INFORMATION

Well/Drillhole/Borehole Location: SB-9

County: CALUMET

NE 1/4 of NW 1/4 of Sec. 18 ; T. 18 N; R. 20 ☑ E ☐ W

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

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

Civil Town Name

Street Address of Well: 44 WALNUT STREET

City, Village: CHILTON

(2) FACILITY NAME

Original Well Owner (If Known): HEWELL RUBBERMAID

Present Well Owner: SAME

Street or Route: 29 EAST STEPHENSON

City, State, Zip Code: FREEPORT IL 61032

Facility Well No. and/or Name (If Applicable)

WI Unique Well No.: _____

Reason For Abandonment: SOIL CONTAMINATION ASSESSMENT BORING

Date of Abandonment: 15JUL02

WELL/DRILLHOLE/BOREHOLE INFORMATION

(3) Original Well/Drillhole/Borehole Construction Completed On

(Date): 15 JUL 02

☐ Monitoring Well
☐ Water Well
☐ Drillhole
☑ Borehole

Construction Report Available? ☑ Yes ☐ No

Construction Type:
☐ Drilled ☐ Driven (Sandpoint) ☐ Dug
☑ Other (Specify): DIRECT PUSH

Formation Type:
☑ Unconsolidated Formation ☐ Bedrock

Total Well Depth (ft.): 8 (From groundsurface)

Casing Diameter (in.): N/A
Casing Depth (ft.): N/A

Lower Drillhole Diameter (in.): 2.0

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

(4) Depth to Water (Feet): 5

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: SOIL BORING - NO CASING USED

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) Material Used To Fill Well/Drillhole	From (Ft.)	To (Ft.)	No. Yards, Sacks Sealant or Volume (Circle One)	Mix Ratio or Mud Weight
GRANULAR BENTONITE	Surface	8	<1 SACK	

(8) Comments: _____

(9) Name of Person or Firm Doing Sealing Work: NORTHSHORE DRILLING INC.

Signature of Person Doing Work | Date Signed

Street or Route: P.O. BOX 255 | Telephone Number: (262) 375-8121

City, State, Zip Code: GRAFTON WI 53024

(10) FOR DNR OR COUNTY USE ONLY

Date Received/Inspected	District/County
Reviewer/Inspector	☐ Complying Work ☐ Noncomplying Work
Follow-up Necessary	

State of Wisconsin
Department of Natural Resources

WELL/DRILLHOLE/BOREHOLE ABANDONMENT

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l abandonment work shall be performed in accordance with the provisions of Chapters NR 811, NR 812 or NR 141, Wis. Adm. Code, hichever is applicable. Also, see instructions on back.

(1) GENERAL INFORMATION

Well/Drillhole/Borehole Location: SB-10
County: CALUMET
NE 1/4 of NW 1/4 of Sec. 18 ; T. 18 N; R. 20 ☑ E ☐ W
(If applicable) _____ Gov't Lot _____ Grid Number
Grid Location _____ ft. ☐ N. ☐ S., _____ ft. ☐ E. ☐ W.
Civil Town Name:
Street Address of Well: 44 WALNUT STREET
City, Village: CHILTON

(2) FACILITY NAME

Original Well Owner (If Known): NEWELL RUBBERMAID
Present Well Owner: SAME
Street or Route: 29 EAST STEPHENSON
City, State, Zip Code: FREEPORT IL 61032
Facility Well No. and/or Name (If Applicable):
WI Unique Well No.: _____
Reason For Abandonment: SOIL CONTAMINATION ASSESSMENT BORING
Date of Abandonment: 15 JUL 02

WELL/DRILLHOLE/BOREHOLE INFORMATION

(3) Original Well/Drillhole/Borehole Construction Completed On
(Date): 15 JUL 02

☐ Monitoring Well
☐ Water Well
☐ Drillhole
☑ Borehole

Construction Report Available? ☑ Yes ☐ No

Construction Type:
☐ Drilled ☐ Driven (Sandpoint) ☐ Dug
☑ Other (Specify): DIRECT PUSH

Formation Type:
☑ Unconsolidated Formation ☐ Bedrock

Total Well Depth (ft.) (From groundsurface): 8
Casing Diameter (in.): N/A
Casing Depth (ft.): N/A

Lower Drillhole Diameter (in.): 2.0

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

(4) Depth to Water (Feet): 5

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: SOIL BORING - NO CASING USED

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) Material Used To Fill Well/Drillhole	From (Ft.)	To (Ft.)	No. Yards, Sacks Sealant or Volume (Circle One)	Mix Ratio or Mud Weight
GRANULAR BENTONITE	Surface	8	1 SACK	

(8) Comments:

(9) Name of Person or Firm Doing Sealing Work: NORTHSHORE DRILLING INC.
Signature of Person Doing Work:
Date Signed:
Street or Route: P.O. BOX 255
Telephone Number: (262) 375-8121
City, State, Zip Code: GRAFTON WI 53024

(10) FOR DNR OR COUNTY USE ONLY

Date Received/Inspected	District/County
Reviewer/Inspector	☐ Complying Work ☐ Noncomplying Work
Follow-up Necessary	

State of Wisconsin
Department of Natural Resources

WELL/DRILLHOLE/BOREHOLE ABANDONMENT

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abandonment work shall be performed in accordance with the provisions of Chapters NR 811, NR 812 or NR 141, Wis. Adm. Code, hichever is applicable. Also, see instructions on back.

(1) GENERAL INFORMATION

Well/Drillhole/Borehole Location: SB-12

County: CALUMET

NE 1/4 of NW 1/4 of Sec. 18 ; T. 18 N; R. 20 ☑ E ☐ W

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

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

Civil Town Name

Street Address of Well: 44 WALNUT STREET

City, Village: CHILTON

(2) FACILITY NAME

Original Well Owner (If Known): HEWELL RUBBERMAID

Present Well Owner: SAME

Street or Route: 29 EAST STEPHENSON

City, State, Zip Code: FREEPORT IL 61032

Facility Well No. and/or Name (If Applicable)

WI Unique Well No. _ _ _ _ _ _

Reason For Abandonment: SOIL CONTAMINATION ASSESSMENT BORING

Date of Abandonment: 15 JUL 02

WELL/DRILLHOLE/BOREHOLE INFORMATION

(3) Original Well/Drillhole/Borehole Construction Completed On

(Date): 15 JUL 02

☐ Monitoring Well
☐ Water Well
☐ Drillhole
☑ Borehole

Construction Report Available? ☑ Yes ☐ No

Construction Type:
☐ Drilled ☐ Driven (Sandpoint) ☐ Dug
☑ Other (Specify): DIRECT PUSH

Formation Type:
☑ Unconsolidated Formation ☐ Bedrock

Total Well Depth (ft.) (From groundsurface): 8

Casing Diameter (in.): N/A

Casing Depth (ft.): N/A

Lower Drillhole Diameter (in.): 2.0

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

(4) Depth to Water (Feet): 5

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: SOIL BORING - NO CASING USED

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 — For monitoring wells and monitoring well boreholes only
☐ Neat Cement Grout
☐ Sand-Cement (Concrete) Grout
☐ Concrete
☐ Clay-Sand Slurry
☐ Bentonite-Sand Slurry
☐ Chipped Bentonite
☐ Bentonite Pellets
☑ Granular Bentonite
☐ Bentonite - Cement Grout

(7) Material Used To Fill Well/Drillhole	From (Ft.)	To (Ft.)	No. Yards, Sacks Sealant or Volume (Circle One)	Mix Ratio or Mud Weight
GRANULAR BENTONITE	Surface	8	1 SACK	

(8) Comments:

(9) Name of Person or Firm Doing Sealing Work: NORTHSHORE DRILLING INC.

Signature of Person Doing Work | Date Signed

Street or Route: P.O. BOX 255 | Telephone Number: (262) 375-8121

City, State, Zip Code: GRAFTON WI 53024

(10) FOR DNR OR COUNTY USE ONLY	
Date Received/Inspected	District/County
Reviewer/Inspector	☐ Complying Work ☐ Noncomplying Work
Follow-up Necessary	