State of Wisconsin
Department of Natural Resources
P.O. Box 7921, Madison, WI 53707-7921
dnr.wi.gov

Ongoing Cleanups with Continuing Obligations

Form 4400-281 (R 10/17)

Purpose

This cover sheet summarizes continuing obligations regarding environmental conditions on this property. Continuing obligations are legal mechanisms that:

1) Require or restrict certain actions to protect human health or the environment.
2) Minimize human and natural resource exposure to contamination, and/or
3) Give notice of the **existence** of residual contamination

Learn more about continuing obligations at **http://dnr.wi.gov/topic/brownfields/residual.html**

DNR Property Information:

DNR Approval Date:

BRRTS #: 02-61-000149 (No Dashes) FID #: 861010700

ACTIVITY NAME: Scrap Processing Co Inc (SF NPL)

PROPERTY ADDRESS: 510 W Allman St

MUNICIPALITY: Medford

PARCEL ID #:

***WTM COORDINATES:**

X: **492192** Y: **519480**

** Coordinates are in WTM83, NAD83 (1991)*

WTM COORDINATES REPRESENT:

◯ Approximate Center Of Continuing Obligations

◉ Approximate Source Parcel Center

Please visit **http://dnr.wi.gov/topic/brownfields/wrrd.html** for additional DNR site information.

EPA Superfund Information *(if applicable)*:

EPA ID: **WID04653678** *To view more information click on the EPA ID.*

SITE NAME: Scrap Processing Co., Inc.

Requirements for *all* properties with Continuing Obligations

1. Properly manage contaminated soil if it is excavated. Sample and arrange appropriate treatment or disposal.
2. DNR approval is required if a water supply well will be constructed or reconstructed.

Site-Specific Requirement(s) - (BRRTS Action Code)

☐ A "cap" over the contaminated area must be: (222)
◯ Constructed & Maintained ◯ Maintained

☐ A vapor mitigation system must be: (226)
◯ Constructed & Maintained ◯ Maintained

☐ The need for vapor control technology must be evaluated if a building will be constructed. (228)

☒ The approved soil cleanup level is suitable for industrial use of the property. (220)

☐ DNR has approved construction on an abandoned landfill and certain maintenance requirements apply. (402) or (404)

☐ A structural impediment (e.g. building) is present which inhibited investigation/cleanup. Further environment work may be required if the impediment is removed. (224)

☐ DNR has directed a local government unit (LGU) to take an action and a LGU liability exemption applies. This exemption does not transfer to future private owners. (230)

☐ Another type of continuing obligation has been established in DNR's remedial action plan approval. (228)
Explain:

State of Wisconsin
DEPARTMENT OF NATURAL RESOURCES
2501 Golf Course Rd.
Ashland WI 54806

Scott Walker, Governor
Daniel L. Meyer, Secretary
Telephone 608-266-2621
Toll Free 1-888-936-7463
TTY Access via relay - 711

July 30, 2018

MR MARK POTACZEK
SCRAP PROCESSING CO INC
510 W ALLMAN ST
MEDFORD WI 54451

KEEP THIS DOCUMENT WITH YOUR PROPERTY RECORDS

SUBJECT: Final Case Closure with Continuing Obligations
Scrap Processing Co. Inc. (SF NPL) Superfund Site
510 West Allman Street, Medford WI
DNR BRRTS Activity #02-61-000149
FID #861010700
EPA ID #WID046536785

Dear Mr. Potaczek:

The Department of Natural Resources (DNR) considers the Scrap Processing Co Inc., (SF NPL) Superfund Site (Site) closed, with continuing obligations, in accordance with Wisconsin Administrative Code chapter NR 726. No further investigation or remediation is required by the DNR at this time. The USEPA will be pursuing a delisting of the Site from the Superfund National Priority List and will continue 5-year reviews to assess Site conditions, remaining contamination and associated Site hazards.

On October 13, 2017 the DNR received a completed case closure form and associated fees. The DNR Northern Region Closure Committee reviewed the request for closure during its March 2018 meeting. The Closure Committee reviewed this environmental remediation case for compliance with state laws and standards to maintain consistency in the closure of these cases.

Current and future property owners, and occupants of the property must comply with the continuing obligations explained in this letter. Provide this letter and any attachments to anyone who purchases, rents or leases this property from you. This final closure decision is based on the correspondence and data provided, and is issued under Wis. Adm. Code §§ NR 726 and 727.

The site is on the north side of the City of Medford at 510 West Allman Street, Taylor County, Wisconsin as shown on the attached Figure, *Scrap Processing Co., Inc. Approximate Property Boundary and Surrounding Parcels*, prepared by the DNR, April 2018. The site is approximately 19 acres and is bordered by Allman Street to the north, the Black River to the west and a railroad to the east. The site has been listed on the United States Environmental Protection Agency's (EPA) National Priorities List as a Superfund site since 1984.

The Scrap Processing Company began operations in the 1940s. Battery cracking occurred at the Site from the 1950s until the early 1980s. Battery acid was collected in an unlined lagoon that was located south of the former battery cracking building. The contaminant of concern at the Site is lead.

Contaminated soil was treated and/or removed near the battery cracking building in the early 1980s. EPA conducted Removal Actions and an Investigation/Feasibility Study during the 1990s. The Record of Decision (ROD) was signed in September 1997 and the Remedial Action (RA) was completed in February 2002.

The RA consisted of the excavation of contaminated soils, replacement of excavated soils with clean soils, re-vegetation of excavated areas, installation of a security fence, installation of groundwater monitoring wells, and groundwater monitoring to evaluate the effectiveness of the remedial action.

An Explanation of Significant Differences (ESD) modifying the ROD to allow for use of the DNR's GIS Registry (now known as the Continuing Obligations Database) to record continuing obligations associated with the Site was signed in August 2016. A concurrence letter was sent by the DNR to EPA on September 28, 2016.

In accordance with the ROD and the ESD, institutional controls must be implemented to restrict activities and limit exposure in areas of impacted soil. In approving site closure, the DNR has authority under Wis. Stat. § 292.12(2), to impose limitations on a property to ensure that conditions at the site remain protective of public health, safety and welfare, and the environment.

This letter specifies the conditions that current and future owners, and occupants of the property must comply with to ensure that the site does not pose a threat to human health or the environment from contamination associated with the former battery cracking operations. These conditions or "continuing obligations" are intended to meet the intent of the Institutional Control Implementation and Assurance Plan required by EPA at Superfund sites. The continuing obligations outlined in this letter apply to the Site, comprised of the following parcels: 251-01263-0000 and 251-01859-000 (see attached Figure, *Scrap Processing Co., Inc. Approximate Property Boundary and Surrounding Parcels*, prepared by the DNR, April 2018). The conditions of closure and continuing obligations required were based on the property being used for industrial purposes.

Continuing Obligations

The continuing obligations for this site are summarized below. Further details on the actions required are found in the section Closure Conditions.

- Industrial soil standards were used to determine the extent of the remedial action. Soil contamination greater than non-industrial soil standards remained following the remedial action. Also, land use is limited to industrial. Before the land use may be changed from industrial to non-industrial, additional environmental work must be completed.
- Residual soil contamination exists that must be properly managed should it be excavated or removed.
- One or more monitoring wells were not located and must be properly filled and sealed if found.

The DNR fact sheet, "Continuing Obligations for Environmental Protection", RR-819, helps to explain a property owner's responsibility for continuing obligations on their property. The fact sheet is attached and may be obtained at http://dnr.wi.gov/files/PDF/pubs/rr/RR819.pdf.

Inclusion on DNR Database

This site will be included on the Bureau for Remediation and Redevelopment Tracking System (BRRTS on the Web) at http://dnr.wi.gov/topic/Brownfields/clean.html, to provide public notice of residual contamination and of any continuing obligations. The site can also be viewed on the Remediation and Redevelopment Sites Map (RRSM) as having continuing obligations, at the same web address.

DNR approval prior to well construction or reconstruction is required in accordance with Wis. Adm. Code § NR 812.09 (4) (w). This requirement applies to private drinking water wells and high capacity wells. To obtain

approval, complete and submit Form 3300-254 to the DNR Drinking and Groundwater program's regional water supply specialist. This form can be obtained on-line at http://dnr.wi.gov/topic/wells/documents/3300254.pdf.

All site information is also on file at the DNR's Rhinelander Service Center at107 Sutliff Avenue in Rhinelander, Wisconsin. This letter and other site information can also be found as a Portable Document Format (PDF) in BRRTS on the Web, at the link listed above.

Closure Conditions

Compliance with the requirements of this letter is a responsibility to which current and future owners, and occupants of the property must adhere. DNR staff will conduct periodic prearranged inspections to ensure that the conditions included in this letter are met. If the continuing obligations are not followed, the DNR may take enforcement action under Wis. Stat. § 292.11, to ensure compliance with the specified requirements, limitations or other conditions related to the property.

Please send written notifications in accordance with the following requirements to:

Department of Natural Resources
Attn: Remediation and Redevelopment Program Environmental Program Associate
107 Sutliff Avenue
Rhinelander, WI 54501

Industrial Soil Standards (Wis. Adm. Code §§ NR 726.15, NR 727.07)
Soil contamination remains across the entire site as shown on the attached Figures *Residual Soil Contamination* and *Residual Soil Contamination Resampled Areas*, prepared by DNR in April 2018. Samples contained lead in concentrations that met the site-specific industrial soil standards developed for this site.

This property may not be used or developed for a residential, commercial, agricultural or other non-industrial use, unless prior written approval has been obtained from the DNR. The property owner shall notify the DNR at least 45 days before changing the use. An investigation and remedial action to meet applicable soil cleanup standards may be required at that time. This continuing obligation also applies to the ROW holders for West Allman Street.

Residual Soil Contamination (Wis. Adm. Code §§ NR 718, NR 500 to 536, or Wis. Stats. § 289)
Soil contamination remains in areas S67 and S74 as indicated on the attached Figures *Residual Soil Contamination* and *Residual Soil Contamination Resampled Areas*, prepared by DNR in April 2018. If soil in the specific locations described above is excavated in the future, the property owner or right-of-way holder at the time of excavation must sample and analyze the excavated soil to determine if contamination remains. If sampling confirms that contamination is present, the property owner or right-of-way holder at the time of excavation will need to determine whether the material is considered solid or hazardous waste and ensure that any storage, treatment or disposal is in compliance with applicable standards and rules. Contaminated soil may be managed in accordance with Wis. Adm. Code § NR 718, with prior DNR approval.

Monitoring Wells that could not be Properly Filled and Sealed (Wis. Adm. Code § NR 141)
Monitoring well MW-10D located on the Site shown on the attached Figure *Existing Site Conditions*, prepared by Weston dated November 1999, could not be properly filled and sealed because it was missing due to being paved over, covered or removed during site development activities. A reasonable effort was made to locate the well and to determine whether it was properly filled and sealed, but was unsuccessful. You may be held liable for any problems associated with the monitoring wells if they create a conduit for contaminants to enter groundwater. If this groundwater monitoring well is found, the then current owner of the property on which the well is located is required to notify the DNR, to properly fill and seal the wells and to submit the required documentation to the DNR.

Chapter NR 140, Wis. Adm. Code Exemption

Groundwater monitoring data from 2002 at this site indicated exceedances of Wis. Admin. Code ch. NR 140 enforcement standards for iron and manganese in monitoring wells on Site and in the upgradient monitoring wells. The source of these compounds is suspected to be from naturally occurring processes and not related to the lead discharge at the Site. The DNR may grant an exemption for a substance of public health concern, pursuant to Wis. Adm. Code §§ NR 140.28 (2) (a), (3) (a) and (4) (a), if the activity has not caused or will not cause the further release of the substance to the environment, or the activity will not cause the concentrations to exceed the enforcement standard and the activity is designed to achieve the lowest concentration technically and economically feasible.

Based on the information provided, the DNR believes that the criteria for an exemption have been or will be met. Therefore, pursuant to Wis. Admin. Code § NR 140.28, an exemption to the enforcement standard is granted for iron and manganese across the site. Please keep this letter, because it serves as your exemption.

In addition, trichloroethylene and tetrachloroethylene were found in concentrations exceeding the Wis. Admin. Code ch. NR 140 preventive action limits in the southeast corner of the property in 2002. The August 2016 ESD attributed these PAL exceedances to an off-Site source that has not been identified.

In Closing

Please be aware that the case may be reopened pursuant to Wis. Adm. Code § NR 727.13, for any of the following situations:

- if additional information regarding site conditions indicates that contamination on or from the site poses a threat to public health, safety, or welfare or to the environment,
- if the property owner does not comply with the conditions of closure, with any deed restrictions applied to the property, or with a certificate of completion issued under Wis. Stat. § 292.15, or
- a property owner fails to maintain or comply with a continuing obligation (imposed under this closure approval letter).

If you have any questions regarding the continuing obligations for this site, or anything outlined in this letter, please contact John Sager at 715-365-8942 or at john.sager@Wisconsin.gov.

Sincerely,

Christopher A. Saari
Northern Region Team Supervisor
Remediation and Redevelopment Program

Attachments:

- *Scrap Processing Co., Inc. Approximate Property Boundary and Surrounding Parcels*, prepared by the DNR, April 2018.
- *Residual Soil Contamination*, prepared by DNR in April 2018.
- *Residual Soil Contamination Resampled Areas*, prepared by DNR in April 2018.
- Continuing Obligations for Environmental Protection, DNR Publication RR-819

cc: Don Bruce – EPA Region 5 Chicago
Lolita Hill – EPA Region 5 Chicago
John Sager – DNR Superior
Carrie Stoltz – DNR Rhinelander
Judy Fassbender – DNR Madison RR/5
Bill Phelps – DNR Madison DG/5
John Fales – City Coordinator, City of Medford

State of Wisconsin
DEPARTMENT OF NATURAL RESOURCES
2501 Golf Course Rd.
Ashland WI 54806

Scott Walker, Governor
Daniel L. Meyer, Secretary
Telephone 608-266-2621
Toll Free 1-888-936-7463
TTY Access via relay - 711

WISCONSIN
DEPT. OF NATURAL RESOURCES

July 30, 2018

MR JOHN FALES
CITY COORDINATOR
MEDFORD CITY HALL
639 S 2ND ST
MEDFORD WI 54451

SUBJECT: Notification of Closure Approval with Continuing Obligations
Scrap Processing Co. Inc. (SF NPL) Superfund Site
510 West Allman Street, Medford, Wisconsin
DNR BRRTS Activity #02-61-000149
FID #861010700
EPA ID #WID046536785

Dear Mr. Fales:

The purpose of this letter is to notify you that the Department of Natural Resources (DNR) has closed the Scrap Processing Co. Inc. site (the site) at 510 West Allman Street in Medford, with continuing obligations. No conditions apply to any rights-of-way held by the City of Medford.

The continuing obligations imposed at the site are meant to limit exposure to any remaining environmental contamination at the site. They are stated as conditions in the closure approval letter, and are consistent with Wis. Stats. § 292.12, and Wis. Adm. Code ch. NR 700 rule series. The continuing obligations will also apply to future owners of the site, until the conditions no longer exist at the site.

The DNR reviewed and approved the case closure request regarding the soil contamination, based on the information submitted by U.S. EPA over the course of the cleanup process. No further investigation or cleanup is required at this time. The continuing obligations applied to the Scrap Processing Co. Inc. site included:

- The use of industrial soil standards for lead were applied for cleanup. The property may not be used for non-industrial uses unless the property owner first obtains written approval from the Department. Additional investigation and cleanup may be required at that time.
- If contaminated soil is excavated in the future, the property owner needs to ensure that the materials are handled in accordance with applicable standards and rules.
- One monitoring well was not located for filling and sealing. If found, that well is required to be properly filled and sealed.

While sampling results indicated that manganese and iron exceeded groundwater standards, the investigation indicated that the levels were elevated in background samples and area-wide samples as well. The elevated levels for manganese and iron were not attributed to the release of lead from the site.

This site will be included on the Bureau for Remediation and Redevelopment Tracking System (BRRTS on the Web) at http://dnr.wi.gov/topic/Brownfields/wrrd.html, to provide public notice of residual contamination and continuing obligations. The site can also be viewed on the Remediation and Redevelopment Sites Map (RRSM) as having continuing obligations, at the same web address. DNR approval prior to well construction or reconstruction is required in accordance with Wis. Adm. Code § NR 812.09 (4) (w).

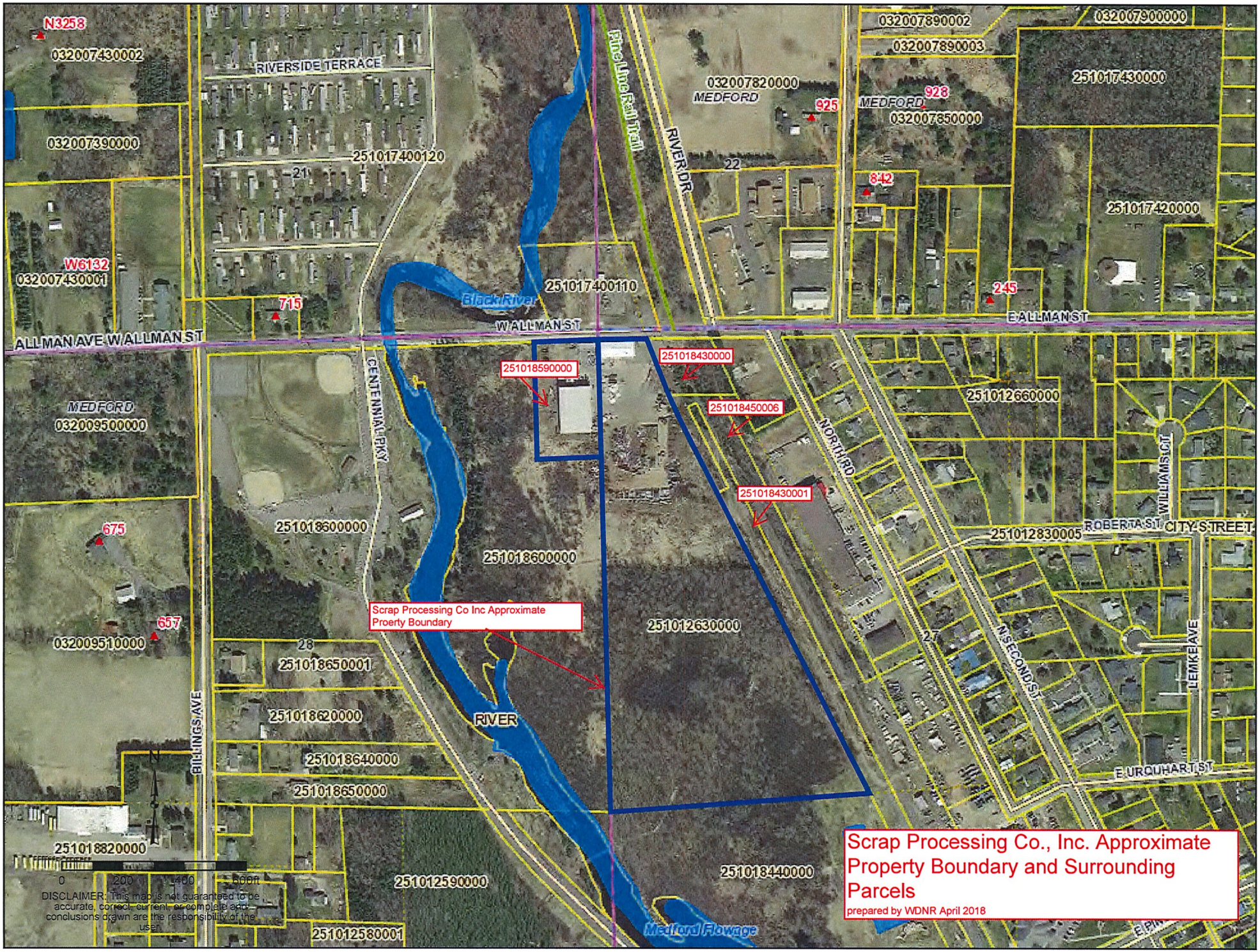
All site information is also on file at the DNR's Rhinelander Service Center, at 107 Sutliff Avenue in Rhinelander. The closure approval letter and other site information can also be found as a Portable Document Format (PDF) in BRRTS on the Web, at the link listed above.

If you have questions about this approval, or about the site, please contact John Sager at (715) 392-7822, or by email at John.Sager@Wisconsin.gov.

Sincerely,

Christopher A. Saari
Northern Region Team Supervisor
Remediation and Redevelopment Program

cc: Don Bruce – EPA Region 5 Chicago
Lolita Hill – EPA Region 5 Chicago
John Sager – DNR Superior
Carrie Stoltz – DNR Rhinelander
Judy Fassbender – DNR Madison RR/5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Scrap Processing Co Inc Approximate Proerty Boundary
251012630000
RIVER
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251012580001
251018440000
Medford Flowage
251012660000
NORTH RD
WILLIAMS CT
ROBERTA ST
CITY S TREET
251012830005
27
N SECOND ST
LEMKE AVE
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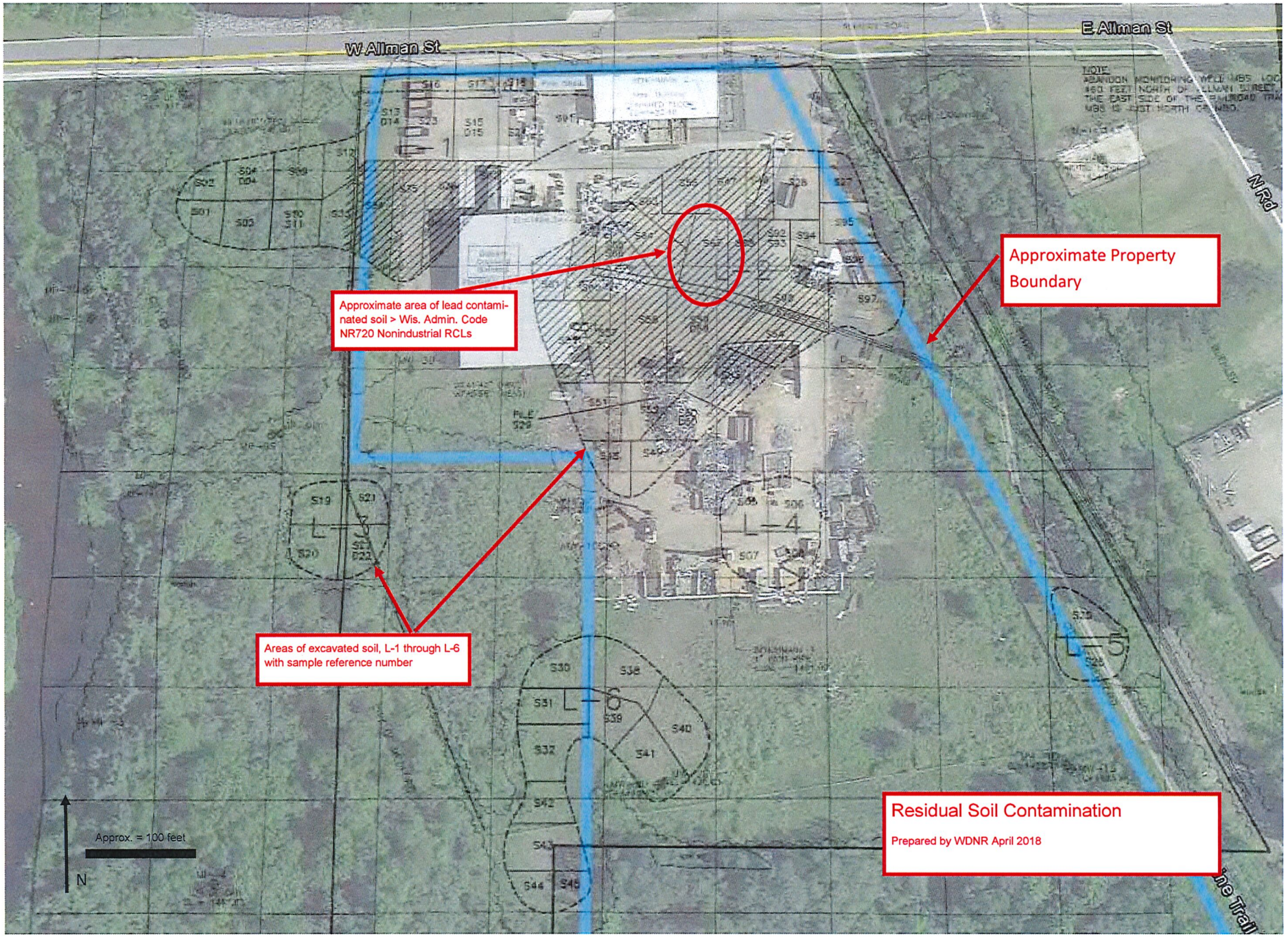
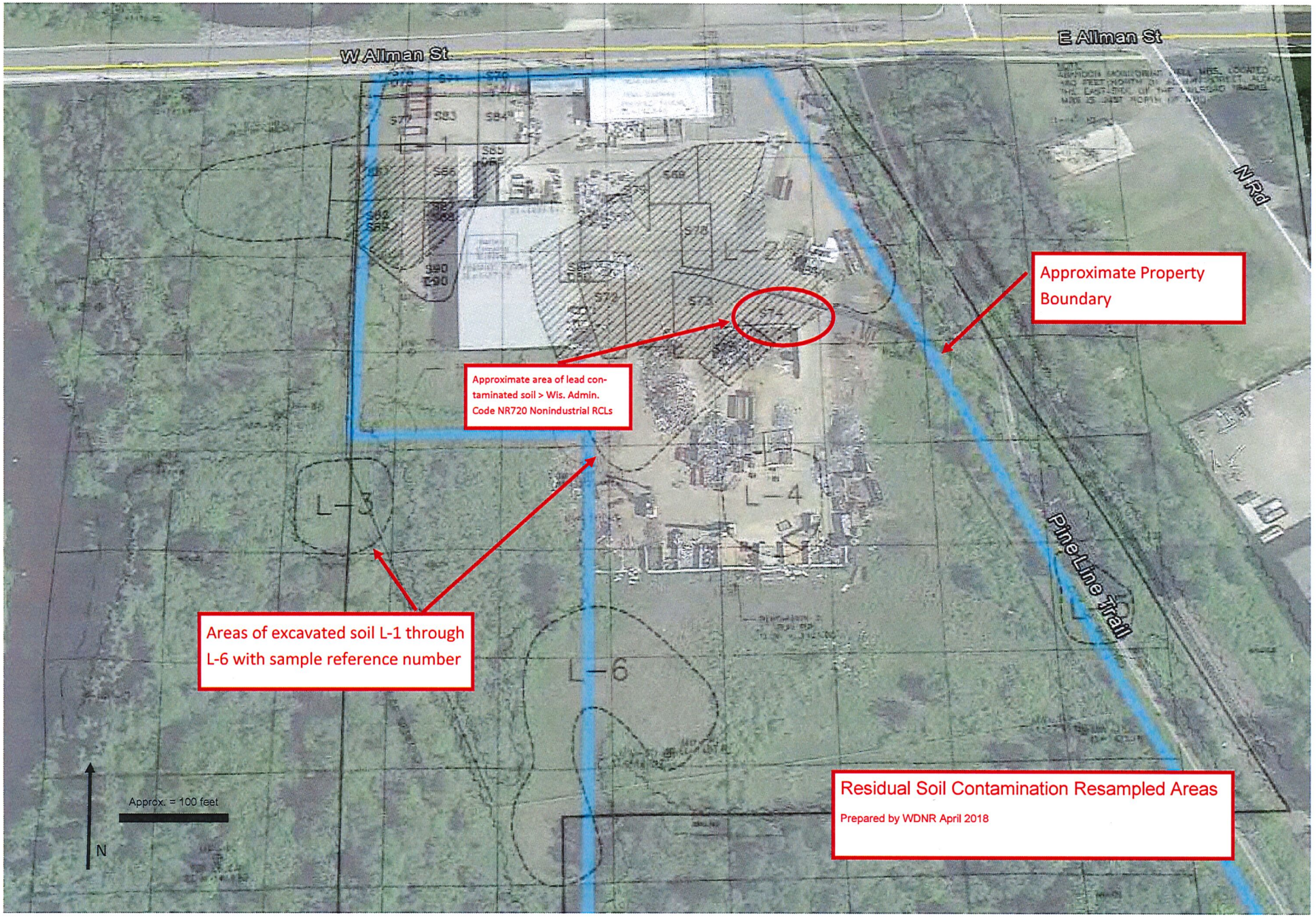
DISCLAIMER: This map is not guaranteed to be accurate, correct, current, or complete and conclusions drawn are the responsibility of the user.
Scrap Processing Co., Inc. Approximate Property Boundary and Surrounding Parcels
prepared by WDNR April 2018


W Allman St
E Allman St
N Rd
Approximate area of lead contaminated soil > Wis. Admin. Code NR720 Nonindustrial RCLs
Approximate Property Boundary
Areas of excavated soil, L-1 through L-6 with sample reference number
Approx. = 100 feet
N
Residual Soil Contamination
Prepared by WDNR April 2018


W Allman St
E Allman St
N Rd
Pine Line Trail
L-2
L-3
L-4
L-6
Approximate Property Boundary
Approximate area of lead contaminated soil > Wis. Admin. Code NR720 Nonindustrial RCLs
Areas of excavated soil L-1 through L-6 with sample reference number
Approx. = 100 feet
N
Residual Soil Contamination Resampled Areas
Prepared by WDNR April 2018

Continuing Obligations for Environmental Protection

Responsibilities of Wisconsin Property Owners

Wis. Stat. § 292.12

Purpose

This fact sheet is intended to help property owners understand their legal requirements under s. 292.12, Wis. Stats., regarding continuing obligations that arise due to the environmental condition of their property.

Introduction

The term "continuing obligations" refers to certain actions for which property owners are responsible following a completed environmental cleanup. They are sometimes called environmental land use controls or institutional controls. These legal obligations, such as a requirement to maintain pavement over contaminated soil, are most often found in a cleanup approval letter from the state.

Less commonly, a continuing obligation may apply where a cleanup is not yet completed but a cleanup plan has been approved, or at a property owned by a local government that is exempt from certain cleanup requirements.

What Are Continuing Obligations?

Continuing obligations are legal requirements designed to protect public health and the environment in regard to contamination that remains on a property.

Continuing obligations still apply after a property is sold. Each new owner is responsible for complying with the continuing obligations.

Background

Wisconsin, like most states, allows some contamination to remain after cleanup of soil or groundwater contamination (residual contamination). This minimizes the transportation of contamination and reduces cleanup costs while still ensuring that public health and the environment are protected.

The Department of Natural Resources (DNR), through its Remediation and Redevelopment (RR) Program, places sites or properties with residual contamination on a public database in order to provide notice to interested parties about the residual contamination and any associated continuing obligations. Please see the "Public Information" section on page 3 to learn more about the database. (Prior to June 3, 2006, the state used deed restrictions recorded at county courthouses to establish continuing obligations, and those deed restrictions have also been added into the database.)

Types of Continuing Obligations

1. **Manage Contaminated Soil that is Excavated**

   If the property owner intends to dig up an area with contaminated soil, the owner must ensure that proper soil sampling, followed by appropriate treatment or disposal, takes place. Managing contaminated soil must be done in compliance with state law and is usually done under the guidance of a private environmental professional.

Publication: RR-819
dnr.wi.gov Search: Continuing Obligations

2. **Manage Construction of Water Supply Wells**

   If there is soil or groundwater contamination and the property owner plans to construct or reconstruct a water supply well, the owner must obtain prior DNR approval to ensure that well construction is designed to protect the water supply from contamination.

Other Types of Continuing Obligations

Some continuing obligations are designed specifically for conditions on individual properties. Examples include:

- keeping clean soil and vegetation over contaminated soil;
- keeping an asphalt "cover" over contaminated soil or groundwater;
- maintaining a vapor venting system; and
- notifying the state if a structural impediment (e.g. building) that restricted the cleanup is removed. The owner may then need to conduct additional state-approved environmental work.

It is common for properties with approved cleanups to have continuing obligations because the DNR generally does not require removal of all contamination.

Property owners with the types of continuing obligations described above will find these requirements described in the state's cleanup approval letter or cleanup plan approval, and *must*:

- comply with these property-specific requirements; and
- obtain the state's permission before changing portions of the property where these requirements apply.

The requirements apply whether or not the person owned the property at the time that the continuing obligations were placed on the property.

Changing a Continuing Obligation

A property owner has the option to modify a continuing obligation if environmental conditions change. For example, petroleum contamination can degrade over time and property owners may collect new samples showing that residual contamination is gone. They may then request that the DNR modify or remove a continuing obligation. Fees are required for the DNR's review of this request and for processing the change to the database ($1050 review fee, $300/$350 database fee). Fees are subject to change; current fees are found in Wis. Admin. § NR 749 online at http://docs.legis.wisconsin.gov/code/admin_code/nr/700/749.

Public Information

The DNR provides public information about continuing obligations on the Internet. This information helps property owners, purchasers, lessees and lenders understand legal requirements that apply to a property. The DNR has a comprehensive database of contaminated and cleaned up sites, *BRRTS on the Web*. This database shows all contamination activities known to the DNR. Site specific documents are found under the *Documents* section. The information includes maps, deeds, contaminant data and the state's closure letter. The closure letter states that no additional environmental cleanup is needed for past contamination and includes information on property-specific continuing obligations. If a cleanup has not been completed, the state's approval of the remedial action plan will contain the information about

continuing obligations.

Properties with continuing obligations can generally be located in the DNR's *RR Sites Map*. RR Sites Map provides a map view of contaminated and cleaned up sites, including sites with continuing obligations, and links to BRRTS on the Web. *BRRTS on the Web* and *RR Sites Map* are part of the Wisconsin Remediation and Redevelopment Database (WRRD) at http://dnr.wi.gov/topic/Brownfields/wrrd.html.

If a completed cleanup is shown in *BRRTS on the Web* but the site documents cannot be found in the documents section, the DNR's closure letter can still be obtained from a regional office. For assistance, please contact a DNR Environmental Program Associate (see the RR Program's Staff Contact web page at dnr.wi.gov/topic/Brownfields/Contact.html).

Off-Site Contamination: When Continuing Obligations Cross the Property Line

An off-site property owner is someone who owns property that has been affected by contamination that moved through soil, sediment or groundwater from another property. Wis. Stat. § 292.13 provides an exemption from environmental cleanup requirements for owners of "off-site" properties. The DNR will generally not ask off-site property owners to investigate or clean up contamination that came from a different property, as long as the property owner allows access to his or her property so that others who are responsible for the contamination may complete the cleanup.

However, off-site property owners are legally obligated to comply with continuing obligations on their property, even though they did not cause the contamination. For example, if the state approved a cleanup where the person responsible for the contamination placed clean soil over contamination on an off-site property, the owner of the off-site property must either keep that soil in place or obtain state approval before disturbing it.

Property owners and others should check the *Public Information* section above if they need to:

- determine whether and where continuing obligations exist on a property;
- review the inspection, maintenance and reporting requirements, and
- contact the DNR regarding changing that portion of the property. The person to contact is the person that approved the closure or remedial action plan.

Option for an Off-Site Liability Exemption Letter

In general, owners of off-site properties have a legal exemption from environmental cleanup requirements. This exemption does not require a state approval letter. Nonetheless, they may request a property-specific liability exemption letter from the DNR if they have enough information to show that the source of the contamination is not on their property. This letter may be helpful in real estate transactions. The fee for this letter is $700 under Chapter NR 749, Wis. Adm. Code. For more information about this option, please see the RR Program's Liability web page at dnr.wi.gov/topic/Brownfields/Liability.html.

Legal Obligations of Off-Site Property Owners

- Allow access so the person cleaning up the contamination may work on the off-site property (unless the off-site owner completes the cleanup independently).
- Comply with any required continuing obligations on the off-site property.

Required Notifications to Off-Site Property Owners

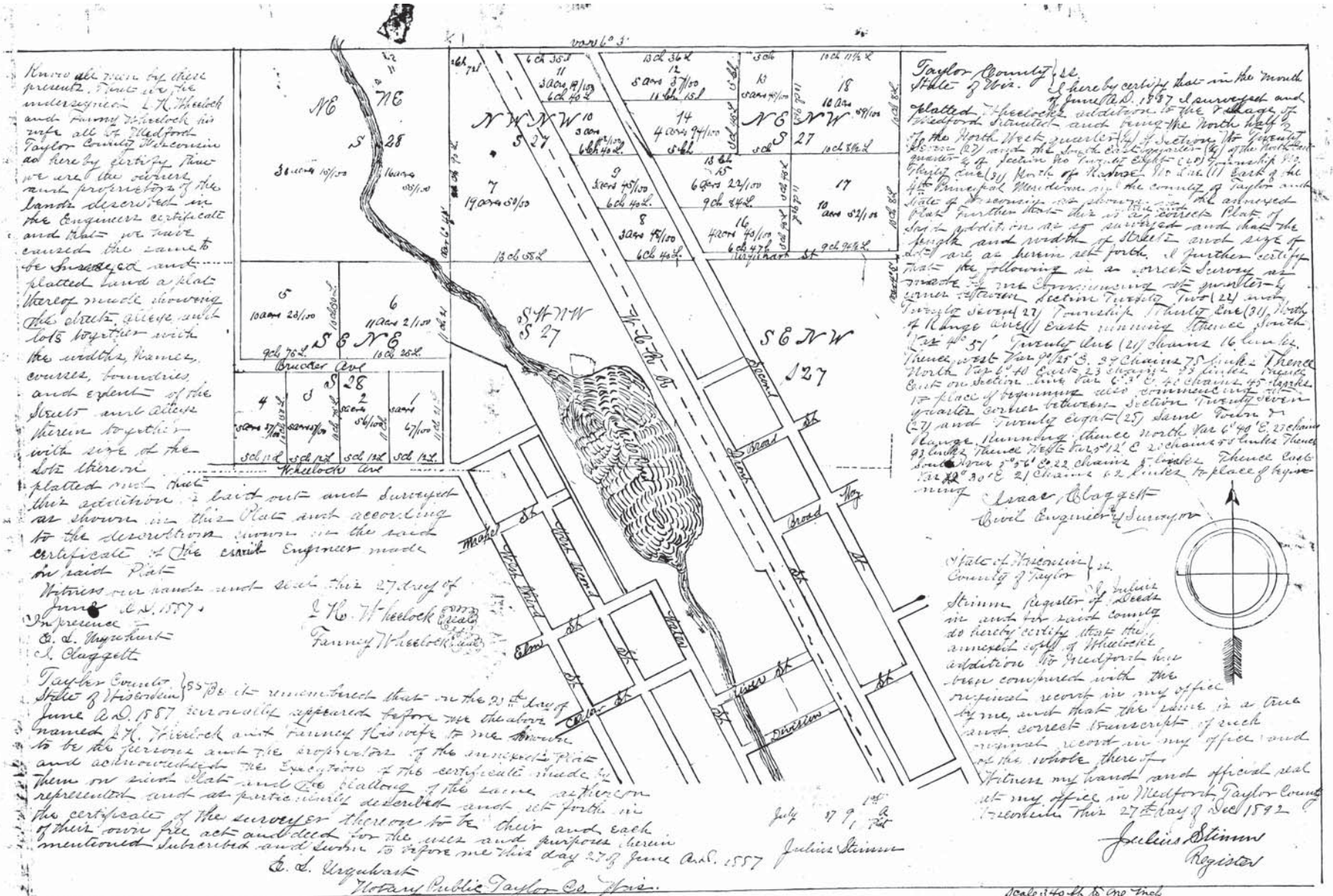
1. The person responsible for cleaning up contamination must notify affected property owners of any proposed continuing obligations on their off-site property **before** asking the DNR to approve the cleanup. This is required by law and allows the off-site owners to provide the DNR with any technical information that may be relevant to the cleanup approval.

   When circumstances are appropriate, an off-site neighbor and the person responsible for the cleanup may enter into a "legally enforceable agreement" (i.e. a contract). Under this type of private agreement, the person responsible for the contamination may also take responsibility for maintaining a continuing obligation on an off-site property. This agreement would not automatically transfer to future owners of the off-site property. The state is not a party to the agreement and cannot enforce it.

2. If a cleanup proposal that includes off-site continuing obligations is approved, the DNR will send a letter to the off-site owners detailing the continuing obligations that are required for their property. Property owners should inform anyone interested in buying their property about maintaining these continuing obligations. For residential property, this would be part of the real estate disclosure obligation.

More Information

For more information, please visit the RR Program's Continuing Obligations website at dnr.wi.gov/topic/Brownfields/Residual.html.



Know all men by these presents. That we the undersigned L. H. Wheelock and Fanny Wheelock his wife all of Medford Taylor County Wisconsin do hereby certify that we are the owners and proprietors of the lands described in the Engineers certificate and that we have caused the same to be surveyed and platted and a plat thereof made showing the streets alleys and lots together with the widths, names, courses, boundries and extent of the Streets and Alleys therein together with size of the lots thereon platted and that this addition is laid out and surveyed as shown in this Plat and according to the description shown in the said certificate of the civil Engineer made in said Plat

Witness our hands and seal this 27 day of June A.D. 1887

In presence of
E. L. Urquhart
I. Claggett

L. H. Wheelock (Seal)
Fanny Wheelock (Seal)

Taylor County } ss
State of Wisconsin }

Be it remembered that on the 27th day of June A.D. 1887 personally appeared before me the above named L. H. Wheelock and Fanny his wife to me known to be the persons and the proprietors of the surveyed Plat and acknowledged the execution of the certificate made by them on said Plat and the dedication of the same as therein represented and as particularly described and set forth in the certificate of the surveyer thereon to be their and each of their own free act and deed for the uses and purposes therein mentioned Subscribed and Sworn to before me this day 27th June A.D. 1887

E. L. Urquhart
Notary Public Taylor Co. Wis.

Taylor County } ss
State of Wisconsin }

I hereby certify that in the month of June A.D. 1887 I surveyed and platted Wheelocks addition to the Village of Medford Situated and being the North half of the North West quarter (¼) of Section Six (6) and the South East quarter (¼) of the North East quarter (¼) of Section No Twenty Eight (28) Township Thirty One (31) North of Range No Five (5) East of the 4th Principal Meridian in the County of Taylor and State of Wisconsin as shown on the annexed Plat further state that it is a correct Plat of said addition as surveyed and that the length and width of Streets and size of Lots are as herein set forth. I further certify that the following is a correct Survey as made by me Commencing at the quarter ¼ corner between Section Twenty two (22) and Twenty Seven 27) Township Thirty One (31) North of Range Five (5) East running thence South East 4° 37' Twenty One (21) chains 16 Links Thence West Var 0° 25' S. 27 Chains 75 Links Thence North Var 6° 40' East 23 Chains 93 Links Thence East on Section line Var 6° 3' E. 40 Chains 45 Links to place of beginning also commencing at the quarter Corner between Section Twenty seven (27) and Twenty Eight (28) same Town & Range running thence North Var 6° 40' E. 27 Chains 93 Links Thence West Var 5° 12' E 20 Chains 55 Links Thence South Var 5° 56' E. 22 Chains 5 Links Thence East Var 82° 30' E 21 Chains 62 Links to place of beginning

Isaac Claggett
Civil Engineer & Surveyor

State of Wisconsin } ss
County of Taylor }

I Julius Stimm Register of Deeds in and for said county do hereby certify that the annexed copy of Wheelocks addition to Medford has been compared with the original record in my office by me, and that the same is a true and correct transcript of such original record in my office and of the whole thereof

Witness my hand and official seal at my office in Medford Taylor County this 27th day of Dec 1892

Julius Stimm
Register

Scale 340 ft to one inch

174102 Vol. 44 Page 300.

DRAWN BY: Corliss V. Jensen, Atty. at Law, Medford
RETURN TO:

DOCUMENT NO.:

VOL. & PAGE:

THIS INDENTURE, Made by Julius Potaczek and Sophie Potaczek, individually and as husband and wife grantors, of Taylor County, Wisconsin, hereby quit-claims to Scrap Processing Co., Inc., a Wisconsin Corporation grantee, of Taylor County, Wisconsin, for the sum of One Dollar and other good and valuable consideration the following tract of land in Taylor County, State of Wisconsin:

Outlot Seven (7), Wheelock's Addition to the City of Medford, Taylor County, Wisconsin, and

One Square Acre in the Northeast corner of that part of the Northeast Quarter of the Northeast Quarter (NE 1/4-NE 1/4), Section Twenty-eight (28), Township Thirty-one (31) North, Range One (1), East, lying East of the Black River, Taylor County, Wisconsin.

The grantor, Julius Potaczek, declares and certifies that he and Henry Potaczek, are the co-partners, who have owned all of the assets, both real and personal of the partnership known as Potaczek Bros. located at Medford, Wisconsin, until Henry Potaczek recently sold his partnership interest to Julius Potaczek.

IN WITNESS WHEREOF, this document has been sealed, executed and delivered this 21st day of October, A.D., 19 68.

SIGNED AND SEALED IN PRESENCE OF:

Corliss V. Jensen

Janice Rothamer

Julius Potaczek *(SEAL)

Sophie Potaczek (SEAL)

(SEAL)

(SEAL)

STATE OF WISCONSIN)
) SS. (CORPORATE ACKNOWLEDGMENT)
County of)

Personally came before me this day of , 19 ,
, President, and
, Secretary,
of the above named corporation, to me known to be such persons and officers who executed the foregoing instrument and acknowledged that they executed the same as such officers as the deed of said corporation, by its authority.

(CORP. SEAL) (NOTARIAL SEAL)

Notary Public, County, Wisconsin
My Commission expires:

STATE OF WISCONSIN)
) SS. (INDIVIDUAL ACKNOWLEDGMENT)
County of Taylor)

Personally came before me, this 21st day of October, 19 68,
the above named Julius Potaczek and Sophie Potaczek
to me known to be the person who executed the foregoing instrument and acknowledged the same.

Received for Record this 26 day of FEB. A.D., 1969 at 11:45 o'clock A. M.
Harold R. Bowen
Register of Deeds
Deputy Register of Deeds

(SEAL)

Corliss V. Jensen Notary Seal
Notary Public, Taylor County, Wisconsin
My Commission ~~expires~~ is permanent

*If grantor is a corporation, insert corp. name in full and complete with signatures of Pres. and Sec. and corp. seal, if any. If none, so state. (Sec. 59.51(1) of the Wis. Stats. provides that all instruments to be recorded shall have plainly printed or typewritten thereon the names of the grantors, grantees, witnesses and notary.)

No. 1201 *Attorneys' Forms* Elaine–Madison, Corp. Madison, Wisconsin State of Wis. Form No. 13 **Deed, Quit Claim** (Corp. or Indiv.) Wis. Stats. 235.06

No. 532—S-10. Warranty Deed—By Corporation. —Short Form. (STATE OF WISCONSIN) Form No. 10 Published by Star News Printers, Medford M536

174106 Vol 141 Page 304

This Indenture, Made by The City of Medford, a Wisconsin Municipal Corporation duly organized and existing under and by virtue of the laws of the State of Wisconsin, grantor, of Taylor County, Wisconsin, hereby conveys and warrants to Scrap Processing Co., Inc., a Wisconsin Corporation,

grantee, of Taylor County, Wisconsin, for the sum of One Dollar and other consideration

the following tract of land in Taylor County, State of Wisconsin:

A parcel of land in the NE 1/4 of the NE 1/4 of Section 28, T. 31 N., R. 1 E., City of Medford, Taylor County, Wisconsin, more particularly described as follows:

Commencing at the Northeast corner of said Section 28, thence S. 4° 00' E. along the East line of said Section 28, 208.75 feet to the point of real beginning; thence continuing S. 4° 00' E., 208.75 feet; thence S. 85° 11' 30" W. parallel with the North line of said Section 28,208.75 feet; thence N. 4° 00' W., 208.75 feet; thence N. 85° 11' 30" E., 208.75 feet to the point of real beginning.

Said parcel contains 1.000 acre MCL.

The City Planning Commission has approved the sale of this property.

(Registers Office) Taylor Co. Wis) SS
Received for record this 27 day of FEB. A.D. 1969 AT 10 o'clock A M. and recorded in Vol. 141 of DEEDS on page 304
Harold R Dowe Register

In Witness Whereof, the said grantor, has caused these presents to be signed by William Van Laarhoven, its Mayor and countersigned by Julia Maier, its Clerk at Medford, Wisconsin, and its corporate seal to be hereunto affixed, this 2nd day of January, A. D., 1969

Signed and Sealed in Presence of

John O. Olson

Mildred Pfaff

THE CITY OF MEDFORD
Corporate Name

William Van Laarhoven, Mayor

COUNTERSIGNED:

Julia Maier, Clerk

State of Wisconsin, Taylor County. } ss.

Personally came before me, this 2nd day of January, A. D., 1969 William Van Laarhoven, Mayor and Julia Maier, Clerk of the above named Municipal Corporation, to me known to be the persons who executed the foregoing instrument, and to me known to be such Mayor and Clerk of said Municipal Corporation, and acknowledged that they executed the foregoing instrument as such officers as the deed of said Municipal Corporation by its authority.

Notary Seal

John O. Olson
Notary Public Taylor County, Wis.
My Commission is permanent

This instrument drafted by Attorney John O. Olson, Medford, Wisconsin.

174101

DRAWN BY: Corliss V. Jensen
Atty. at Law, Medford
RETURN TO:

DOCUMENT NO.:

VOL. & PAGE:

THIS INDENTURE, Made by Henry Potaczek and Mary Potaczek, individually and as and as husband & wife, grantors, of Taylor County, Wisconsin, hereby quit-claims to Julius Potaczek grantee, of Taylor County, Wisconsin, for the sum of One Dollar and other good and valuable consideration the following tract of land in Taylor County, State of Wisconsin:

Outlot Seven (7), Wheelock's Addition to the City of Medford, Taylor County, Wisconsin, and

One Square Acre in the Northeast corner of that part of the Northeast Quarter of the Northeast Quarter (NE 1/4-NE 1/4), Section Twenty-eight (28), Township Thirty-one (31) North, Range One (1) East, lying East of the Black River, Taylor County, Wisconsin

The grantor, Henry Potaczek, declares and certifies that he and Julius Potaczek, are the co-partners, who presently own all of the assets, both real and personal of the partnership known as Potaczek Bros. located at Medford, Wisconsin.

IN WITNESS WHEREOF, this document has been sealed, executed and delivered this 19th day of October, A.D., 19 68.

SIGNED AND SEALED IN PRESENCE OF:

Corliss V. Jensen

Janice Rothmer

Henry Potaczek *(SEAL)

Mary Potaczek (SEAL)

(SEAL)

(SEAL)

STATE OF WISCONSIN)
) SS.
County of Taylor)

(CORPORATE ACKNOWLEDGMENT)

Personally came before me this ____ day of ____, 19 ____,
____, President, and
____, Secretary,
of the above named corporation, to me known to be such persons and officers who executed the foregoing instrument and acknowledged that they executed the same as such officers as the deed of said corporation, by its authority.

(CORP. SEAL) (NOTARIAL SEAL)

Notary Public, ____ County, Wisconsin
My Commission expires: ____

STATE OF WISCONSIN)
) SS.
County of Taylor)

(INDIVIDUAL ACKNOWLEDGMENT)

Personally came before me, this 19th day of October, 19 68,
the above named Henry Potaczek and Mary Potaczek
to me known to be the person who executed the foregoing instrument and acknowledged the same.

Received for Record this 26 day of FEB., A.D., 1969 at 11:45 o'clock A. M.
Ruel R. Bowen
Register of Deeds
Deputy Register of Deeds

(SEAL)

Corliss V. Jensen
Notary Public, Taylor County, Wisconsin
My Commission expires: is permanent

Notary Seal

*If grantor is a corporation, insert c. p. name in full and complete with signatures of Pres. and Sec. and corp. seal, if any. If none, so state. (Sec. 59.51(1) of the Wis. Stats. provides that all instruments to be recorded shall have plainly printed or typewritten thereon the names of the grantors, grantees, witnesses and notary.)

No. 1201 Attorneys' Forms Elaine–Madison, Corp. Madison, Wisconsin State of Wis. Form No. 13 Deed, Quit Claim (Corp. or Indiv.) Wis. Stats. 235.06

DOCUMENT # 332309

Document No

Recorded
Sep 01,2009 AT 09 42AM

Signed _____
TAYLOR COUNTY WISCONSIN
MARVEL A LEMKE
REGISTER OF DEEDS
Fee Amount $17 00

MEMORANDUM OF LEASE

Return to

Attorney David P Dewick
Hager, Dewick & Zuengler, S C
200 South Washington Street
Suite 401
Green Bay, WI 54301

#17pd(4)

DOCUMENT # 332309

MEMORANDUM OF LEASE

THIS MEMORANDUM OF LEASE, entered into as of the 20th day of May, 2009, by and between SCRAP PROCESSING CO, INC, a Wisconsin corporation ("Landlord"), and RELIABLE RECYCLING, INC, a Wisconsin corporation ("Tenant")

WITNESSETH

WHEREAS, Landlord is the owner of certain real estate and improvements located at 510 West Allman Street, City of Medford, Taylor County, Wisconsin, which is legally described on **EXHIBIT A** attached hereto and made a part hereof and as defined in the Lease (as defined below) ("Leased Premises"), and

WHEREAS, Landlord and Tenant entered into a Lease Agreement, dated May 20, 2009, effective April 20, 2009 (the "Lease"), whereby Landlord demised and leased to Tenant the Leased Premises for the term set forth below (and at a rental and upon such other terms and conditions as are stated in the Lease), and

WHEREAS, Tenant is the owner of certain improvements and/or fixtures located on the Leased Premises as described in the Lease, and

WHEREAS, Landlord and Tenant wish to place notice of the Lease on record

NOW, THEREFORE, Landlord and Tenant hereby execute this Memorandum of Lease for the purpose of evidencing Tenant's interest in the Leased Premises, TO HAVE AND TO HOLD the Leased Premises unto Tenant upon the terms, covenants and conditions contained in the Lease, for a term of fifty (50) years Tenant also has an option to purchase and right of first refusal in connection with the Leased Premises

This Memorandum of Lease is made and executed and is to be recorded in the Register of Deeds Office of Taylor County, Wisconsin for the purpose of giving notice of the Lease and the rights of the parties thereunder

This Memorandum of Lease is subject in each and every respect to the rental and other terms, covenants and conditions contained in the Lease, which is incorporated herein by this reference This Memorandum of Lease shall not be used in interpreting the Lease provisions and, in the event of a conflict between this Memorandum of Lease and the Lease, the Lease shall control

IN WITNESS WHEREOF, Landlord and Tenant have executed this Memorandum of Lease as of the day, month and year first above written

LANDLORD
SCRAP PROCESSING CO, INC

By _____
Mark A Potaczek, President

TENANT
RELIABLE RECYCLING, INC

By _____
Mark D Wilson, President

DOCUMENT # 332389

STATE OF WISCONSIN)
) SS
COUNTY OF Brown)

Personally came before me this 20th day of May, 2009, the above-named Mark A Potaczek, to me known to be the President of Scrap Processing Co , Inc to me known to be the persons who executed the foregoing instrument and acknowledged the same

Notary Public, State of Wisconsin
David P. Dewick (Print Name)
My Commission is permanent

Notary Seal

STATE OF WISCONSIN)
) SS
COUNTY OF Brown)

Personally came before me this 20th day of May, 2009, the above-named Mark D Wilson, to me known to be the President of Reliable Recycling, Inc , to me known to be the persons who executed the foregoing instrument and acknowledged the same

Notary Public, State of Wisconsin
David P Dewick (Print Name)
My Commission is permanent

Notary Seal

This instrument was drafted by
and after recording should be
returned to
Attorney David P Dewick
Hager, Dewick & Zuengler, S C
200 South Washington Street, Suite 401
Green Bay, WI 54301

DOCUMENT # 332309

EXHIBIT A

Legal Description of Leased Premises

Parcel I

Part of the Northeast Quarter of the Northeast Quarter (NE-NE) of Section Twenty-eight (28), Township Thirty-one (31) North, Range One (1) East, described as follows Commencing at the Northeast corner of said NE-NE, thence West, 208 75 feet, thence South, 417 5 feet, thence East, 208 75 feet, thence North, to the POINT OF BEGINNING

Parcel No 28 31 1E-1 1
Tax ID No 251-01859-0000

Parcel II

Lot Seven (7) of Wheelock's Addition to the City of Medford, Taylor County, Wisconsin

Parcel No 220-0 7
Tax ID No 251-01263-0000

Assignment and Assumption of Lease

DOCUMENT # 335975

Recorded
July 22, 2010 1:12 PM

TAYLOR COUNTY WISCONSIN
REGISTER OF DEEDS
MARVEL A LEMKE
FEE AMOUNT: $30.00
Page Total: 9

Return to:

Kathryn Ramos
First American Title Ins
30 N LaSalle St , #2700
Chicago, IL 60602

ASSIGNMENT AND ASSUMPTION OF LEASE MEDFORD, WI

Prepared by and after recording return to

Halpin J Burke, Esq
Thompson Coburn LLP
One US Bank Plaza
St Louis, MO 63101
(314) 552-6131

Parcel ID Numbers: 28 31 1E-1 1 (251-01859-0000)
And 220-0 7 (251-01263-0000)

(RESERVED FOR RECORDING DATA)

THIS ASSIGNMENT AND ASSUMPTION OF LEASE (the "Assignment") is made as of the 12 day of July, 2010 ("Effective Date"), by and between RELIABLE RECYCLING, INC , a Wisconsin corporation, having an address of 3711 West Mason Street, Oneida, Wisconsin 54155 (hereinafter called "Assignor") and ALTER TRADING CORPORATION, an Iowa corporation, having an address of 700 Office Parkway, St Louis, Missouri 63141 (hereinafter called "Assignee"), and is consented to by the Landlord hereinbelow described

WHEREAS, pursuant to that certain Lease dated the 20th day of May, 2009, executed by and between Scrap Processing Co , Inc as "Landlord" and Assignor as "Tenant" (hereinafter referred to collectively as the "Lease"), Landlord leased to Assignor the Leased Premises (as described in the Lease and more particularly described on Exhibit A attached hereto) (hereinafter referred to as the "Premises"), and

WHEREAS, Assignor desires to assign, transfer and convey unto Assignee all of Assignor's right, title and interest in, to and under the Lease and Assignee desires to accept the assignment and assume all of Assignor's obligations under the Lease, in accordance with the terms and conditions herein set forth

NOW, THEREFORE, WITNESSETH in consideration of the mutual promises and covenants contained herein, and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Assignor and Assignee hereby agree as follows

1 Assignment of Lease Assignor, for and in consideration of the Assignee's payment of the rent and the performance of the covenants hereinafter mentioned, does hereby grant, convey, transfer, assign and set over unto Assignee (a) all its right, title, and interest in and to the Lease and the Premises commencing on the Effective Date and for the remaining term of the Lease, (b) any options which Assignor may have under the Lease, including without limitation the right to extend or renew the Lease, the purchase or other options under the Lease, and the right of first refusal, and (c) all rights to security deposits and prepaid taxes and insurance relating to the Premises, if any

2 Conveyance of Pole Building Assignor does hereby grant, convey, transfer, assign and set over unto Assignee the "pole building" on the Premises (also known as the "baler building") that was constructed by

Assignor Assignor represents and warrants to Assignee that the pole building is free and clear of all liens, claims, encumbrances and security interests

3 Consent of Landlord By its signature below, Landlord does hereby consent to the foregoing transfers

4 Performance and Assumption of Lease Covenants and Conditions Assignee hereby accepts the assignment of the Lease from and after the date hereof, and Assignee hereby covenants and agrees to assume and perform all of Assignor's duties and obligations required under the terms, covenants, and conditions of the Lease, including but not limited to the obligation to make all payments of rent and all other sums due under the Lease in accordance with the terms of the Lease, but only to the extent arising under the Lease from and after the date hereof

5 Indemnification by Assignee Assignee does hereby agree to defend, indemnify and hold Assignor (which for the purposes of this paragraph shall be deemed to include all of Assignor's officers, directors, shareholders, employees and agents and related entities) harmless from and against any and all causes, claims, demands, losses, liabilities, costs, damages, expenses and fees (including but not limited to reasonable attorney's fees), which Assignor may suffer, incur, or expend, arising out of (1) breach or default by Assignee of the terms of this Assignment, (2) Assignee's breach or default under the terms of the Lease from and after the Effective Date, (3) damage to property and injuries and death to persons occurring on or about the Premises from and after the Effective Date, (4) the Lease or the Premises, including without limitation, the condition of the Premises and the improvements thereon arising from and after the Effective Date, and (5) any negligence, act or omission of Assignee

6 Indemnification by Assignor Assignor does hereby agree to defend, indemnify and hold Assignee (which for the purposes of this paragraph shall be deemed to include all of Assignee's officers, directors, shareholders, employees and agents and related entities) harmless from and against any and all causes, claims, demands, losses, liabilities, costs, damages, expenses and fees (including but not limited to reasonable attorney's fees), which Assignee may suffer, incur, or expend, arising out of (1) breach or default by Assignor of the terms of this Assignment, (2) Assignor's breach or default under the terms of the Lease prior to the Effective Date, (3) damage to property and injuries and death to persons occurring on or about the Premises prior to the Effective Date, (4) the Lease or the Premises, including without limitation, the condition of the Premises and the improvements thereon arising prior to the Effective Date, and (5) any negligence, act or omission of Assignor The indemnification obligations in this Section 6 are limited by and subject to the indemnification obligations of Assignor under that certain Asset Purchase Agreement among Assignor, Mark D Wilson, and Assignee

7 Representations of Assignor Assignor hereby warrants, represents, and covenants to Assignee as follows as of the Effective Date

(a) Assignor has not previously assigned or sublet the Premises or any portion thereof or entered into any agreement permitting any person or entity to use or occupy any portion of the Premises, and Assignor owns the leasehold estate under the Lease and the "pole building" free and clear of any liens, encumbrances, mortgages, deeds of trusts or other security interests

(b) Assignor is not in breach of any of the terms of the Lease, and to the best of Assignor's knowledge, the Landlord is not in breach of any of the terms of the Lease

(c) Assignor has paid all sums due under the Lease, and has not paid any rent or other sum more than 30 days in advance Landlord owes no sums to Assignor

(d) The Premises and the pole building is in good condition and repair and otherwise in compliance with the terms of the Lease

(e) Assignor owns no improvements or fixtures on the Premises other than the pole building

(f) Assignor has not exercised the option to purchase and has not received any notice that would trigger its right of first refusal under the Lease

8 Representations of Landlord By its signature below, Landlord hereby warrants, represents, and covenants to Assignee as follows as of the Effective Date

(a) Landlord has not previously transferred or assigned the Lease, and Landlord owns the fee interest in the Premises free and clear of any and all encumbrances, mortgages, deeds of trusts, liens, security interests and other agreements which affect the use or occupancy of the Premises, and Assignor immediately prior to the Effective Date owns the leasehold estate under the Lease and the "pole building" free and clear of any liens, encumbrances, mortgages, deeds of trusts or other security interests

(b) Landlord is not in breach of any of the terms of the Lease, and to Landlord's knowledge, the Assignor is not in breach of any of the terms of the Lease

(c) Assignor has paid all sums due under the Lease, and has not paid any rent or other sum more than 30 days in advance Landlord owes no sums to Assignor

(d) The Premises and the pole building is in good condition and repair and otherwise in compliance with the terms of the Lease

(e) Landlord has not received any notice of Assignor exercising the option to purchase and has not received any received any offer would trigger its right of first refusal under the Lease

9 Successors This Assignment shall be binding upon and shall inure to the benefit of the parties hereto and their respective legal representatives, successors, and assigns

10 Applicable Law This Assignment shall be interpreted and construed in accordance with the laws of the State of Wisconsin

11 Captions The captions appearing in this Assignment are inserted only as a matter of convenience and do not define, limit, construe, or prescribe the scope or intent of the Sections of this Assignment nor in any way affect this Assignment

12 Counterparts This Assignment and any amendments thereto may be signed in various counterparts which together shall constitute one and the same instrument To facilitate execution of this Assignment and any amendments thereto, the parties may execute and exchange by either telephone facsimile or electronic transmission copies of the Assignment and any amendments thereto, and all such copies shall be deemed to be originals

13 No Inference No inference, rule of construction, rule of interpretation or other doctrine, rule or custom shall apply in the interpretation, enforcement or application of the terms or conditions of this Assignment concerning the drafting party or scrivener of this document, it being agreed by all parties hereto that each party has been represented by counsel and the final version of this Assignment is the result of arms' length negotiations

with all parties having had an opportunity to consider, review and have counsel review each draft, term and condition of this Assignment

14 Waiver Of Jury Trial The parties hereby knowingly and voluntarily, and irrevocably waive their right to a trial by jury and agree that any dispute or claim arising hereunder or in connection herewith or otherwise relating to this Assignment shall be decided solely by a judge (without the use of a jury) sitting in a court of competent jurisdiction This jury trial waiver provision shall survive indefinitely

15 Warranty of Authority and Capacity Each signatory party to this Assignment represents and warrants (a) that the execution and delivery of, and the carrying out of the transactions contemplated by this Assignment, and the performance and observance of the terms, covenants, agreements and provisions of the Assignment, have been duly authorized by all necessary public and private actions, and (b) the Assignment constitutes the valid and legally binding obligations of each signatory party, are fully enforceable against each signatory party in accordance with their respective terms

16 Recording This Assignment or a memorandum hereof, and a memorandum of the Lease and Tenant's rights thereunder, may be recorded at the option of either party, and the cost thereof shall be equally borne by the Assignor and Assignee

17 Counterparts This Assignment may be executed in any number of counterparts, each of which shall be deemed an original and all of such counterparts shall constitute one Assignment This Assignment shall not be effective unless and until executed by all parties

- [SIGNATURES ON NEXT PAGE] -

IN WITNESS WHEREOF, the parties hereto have caused this Assignment to be properly executed as of the day and year first above written

ASSIGNOR.

RELIABLE RECYCLING, INC.
a Wisconsin corporation

Name: _____
Title. President Mark Wilson
Date 7-12-10

STATE OF WISCONSIN, CITY (COUNTY) OF Brown, TO WIT.

I, David P. Dewick a Notary Public, certify that Mark Wilson, personally came before me and acknowledged that he/she is the President of Reliable Recycling, Inc, a Wisconsin corporation, and that by authority duly given and as the act of the corporation the foregoing instrument was signed in its name by its President, sealed with its corporate seal and attested by himself/herself as its President.

WITNESS, my hand and official seal, this 12th day of July, 2010

_____
Notary Public David P. Dewick
My Commission ~~Expires~~. is permanent

- [SIGNATURES CONTINUED ON NEXT PAGE] -

ASSIGNEE:

ALTER TRADING CORPORATION,
an Iowa corporation

Name _____
Title SVP-COO
Date 7/11/10

STATE OF MISSOURI, CITY (COUNTY) OF St. Louis, TO WIT

I, LISA M. REDDAN, a Notary Public, certify that JAY L. ROBINOVITZ personally came before me and acknowledged that he is the SR. VICE PRES. COO of Alter Trading Corporation, an Iowa corporation, and by authority duly given and as the act of the corporation the foregoing instrument was signed in its name by JAY L. ROBINOVITZ its SR. VICE PRES.

WITNESS, my hand and official seal, this 12th day of July, 2010.

LISA M. REDDAN
Notary Public
Commission # 10427225
St Louis County
Notary Seal
STATE OF MISSOURI
My Commission Expires 05-06-2014

Lisa M. Reddan
Notary Public
My Commission Expires 5-6-2014

- [SIGNATURES CONTINUED ON NEXT PAGE] -

LANDLORD.

SCRAP PROCESSING CO ,
a Wisconsin corporation

Name Mark Potaczek
Title: Pres Mark Potaczek
Date 7-10-10

STATE OF WISCONSIN, CITY (COUNTY) OF Medford, TO WIT.

I, Rachel Johnson a Notary Public, certify that Mark Potaczek, personally came before me and acknowledged that he/she is the President of Scrap Processing, Inc , a Wisconsin corporation, and that by authority duly given and as the act of the corporation the foregoing instrument was signed in its name by its President, sealed with its corporate seal and attested by himself/herself as its President

WITNESS, my hand and official seal, this 10 day of July, 2010

Rachel Johnson
Notary Public
My Commission Expires. 3/9/2014

NOTARY PUBLIC RACHEL JOHNSON STATE OF WISCONSIN

EXHIBIT "A"

Legal Description of Leased Premises

Part of the Northeast Quarter of the Northeast Quarter (NE ¼ NE ¼) of Section Twenty-Eight (28), Township Thirty-One (31) North, Range One (1) East, described as follows
Commencing at the Northeast corner of said NE ¼ - NE ¼, thence West 208 75 feet, thence South, 417 5 feet, thence East, 208 75 feet, thence North, to the POINT OF BEGINNING

Parcel No 28 31 1E-1 1
Tax ID No 251-01859-0000

And

Lot Seven (7) of Wheelocks Addition to the City of Medford, Taylor County, Wisconsin

Parcel No 220-0 7
Tax ID No 251-01263-0000

FIVE-YEAR REVIEW REPORT
FOR
SCRAP PROCESSING COMPANY
SUPERFUND SITE
TAYLOR COUNTY, WISCONSIN

April 2014

Prepared by

U.S. Environmental Protection Agency
Region 5
Chicago, Illinois

for

Richard C. Karl, Director
Superfund Division

April 18, 2014
Date

TABLE OF CONTENTS

Table

Figures

Appendices

LIST OF ACRONYMS

ARAR	Applicable or Relevant and Appropriate Requirement
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
CFR	Code of Federal Regulations
EPA	United States Environmental Protection Agency
FYR	Five-Year Review
ICs	Institutional Controls
NCP	National Contingency Plan
NPL	National Priorities List
O&M	Operation and Maintenance
PAL	Preventive Action Limit (Wisconsin Administrative Code NR140)
PRP	Potentially Responsible Party
ROD	Record of Decision
RPM	Remedial Project Manager
WES	Wisconsin Enforcement Standards

EXECUTIVE SUMMARY

This is the third Five-Year Review (FYR) for the Scrap Processing Company Superfund (Site) located in Medford, Taylor County, Wisconsin. The purpose of this FYR is to review information to determine if the remedy is and will continue to be protective of human health and the environment. The triggering action for this statutory FYR was the signing of the previous FYR on April 23, 2009.

The Scrap Processing Site is an active scrap yard which collects scrap cars, aluminum, and other metal waste. The Site is approximately 15 acres and is bordered by Allman Avenue to the north, the Black River to the west and a railroad to the east. The City of Medford maintains a park along the west shore of the Black River. A residential development is located northeast of the Site.

Batteries were accepted at the Site from the 1950s until the early 1980s. Through the recovery process, approximately 400,000 gallons of lead-contaminated liquid waste was released to the soils. Subsequent investigations revealed an underground storage tank at the Site. Primary Site contaminants related to the battery cracking activities included lead and PCBs. Contaminants related to the underground storage tank included VOCs and PAHs.

The remedy for the Scrap Processing Site included the excavation and removal of contaminated soil, institutional controls (ICs), and short-term groundwater monitoring. The Site achieved construction completion with the signing of the Preliminary Closeout Report on February 24, 2000. Groundwater monitoring activities were completed for the Site in 2002. U.S. EPA and Wisconsin DNR have evaluated Site data and have determined that Site contaminants are below Federal MCLs and Wisconsin Enforcement Standards for all COCs. The Agencies have determined that Wisconsin DNR will need to issue an exemption in order for the Site to comply with the Wisconsin PALs.

The remedy at Scrap Processing currently protects human health and the environment in the short-term because the remedy components, including the excavation and removal of contaminated soils and short-term groundwater monitoring, are functioning as designed. However, in order for the remedy to be protective in the long-term ICs must be put in place.

Five-Year Review Summary Form

SITE IDENTIFICATION		
Site Name: Scrap Processing Company, Inc		
EPA ID: WID046536785		
Region: 5	**State:** WI	**City/County:** Medford/Taylor

SITE STATUS	
NPL Status: Final	
Multiple OUs? No	**Has the site achieved construction completion?** Yes

REVIEW STATUS
Lead agency: EPA
Author name (Federal or State Project Manager): L. Hill
Author affiliation: EPA
Review period: 1/15/2014 – 4/15/2014
Date of site inspection: 3/10/2014
Type of review: Statutory
Review number: 3
Triggering action date: 4/23/2009
Due date *(five years after triggering action date)*: 4/23/2014

Five-Year Review Summary Form (continued)

Issues/Recommendations				
OU(s) without Issues/Recommendations Identified in the Five-Year Review:				
N/A				
Issues and Recommendations Identified in the Five-Year Review:				
OU(s): 1	**Issue Category: Institutional Controls**			
	Issue: ICs are not implemented at the Site.			
	Recommendation: ICs should be implemented at the Site. U.S. EPA will develop an IC work plan to help implement the ICs.			
Affect Current Protectiveness	**Affect Future Protectiveness**	**Party Responsible**	**Oversight Party**	**Milestone Date**
No	Yes	PRP/EPA	EPA/State	4/30/2015

OU 1 & Sitewide Protectiveness Statement
Protectiveness Determination: Short-term Protective
Protectiveness Statement: The remedy at Scrap Processing currently protects human health and the environment in the short-term because the remedy components, including the excavation and removal of contaminated soils and short-term groundwater monitoring, are functioning as designed. However, in order for the remedy to be protective in the long-term ICs must be put in place.

I. INTRODUCTION

The purpose of a Five-Year Review (FYR) is to evaluate the implementation and performance of a remedy in order to determine if the remedy will continue to be protective of human health and the environment. The methods, findings, and conclusions of reviews are documented in five-year review reports. In addition, FYR reports identify issues found during the review, if any, and document recommendations to address them.

The U.S. Environmental Protection Agency (EPA) prepares FYRs pursuant to the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) Section 121 and the National Contingency Plan (NCP). CERCLA 121 states:

> *"If the President selects a remedial action that results in any hazardous substances, pollutants, or contaminants remaining at the site, the President shall review such remedial action no less often than each five years after the initiation of such remedial action to assure that human health and the environment are being protected by the remedial action being implemented. In addition, if upon such review it is the judgment of the President that action is appropriate at such site in accordance with section [104] or [106], the President shall take or require such action. The President shall report to the Congress a list of facilities for which such review is required, the results of all such reviews, and any actions taken as a result of such reviews."*

EPA interpreted this requirement further in the NCP; 40 Code of Federal Regulations (CFR) Section 300.430(f)(4)(ii), which states:

> *"If a remedial action is selected that results in hazardous substances, pollutants, or contaminants remaining at the site above levels that allow for unlimited use and unrestricted exposure, the lead agency shall review such actions no less often than every five years after the initiation of the selected remedial action."*

EPA conducted a FYR on the remedy implemented at the Scrap Processing Superfund Site in Medford, Taylor County, Wisconsin. EPA is the lead agency for developing and implementing the remedy for the Site. WDNR, as the support agency representing the State of Wisconsin, has reviewed all supporting documentation and provided input to EPA during the FYR process.

This is the third FYR for the Scrap Processing Superfund Site. The triggering action for this statutory review is the completion date of the previous FYR. The FYR is required due to the fact that hazardous substances, pollutants, or contaminants remain at the site above levels that allow for unlimited use and unrestricted exposure (UU/UE). The Site consists of 1 Operable Unit, which is addressed in this FYR.

II. PROGRESS SINCE THE LAST REVIEW

Table 1: Protectiveness Determinations/Statements from the 2009 FYR

OU #	Protectiveness Determination	Protectiveness Statement
1 & Sitewide	Short-term Protective	The assessments of this five-year review found that the remedy was constructed in accordance with the requirements of the ROD. The remedy components, including the excavation and removal of contaminated soils and short-term groundwater monitoring, are functioning as designed. The remedy components of the ROD are operating as intended and are considered to be protective of human health and the environment in the short-term. The immediate threats have been addressed and the remedy is expected to be protective in the long-term when institutional controls are fully implemented at the Site. Long-term protectiveness of the remedy requires monitoring and maintenance of the Site components and compliance with effective ICs. Compliance with ICs will been ensured by implementing effective ICs and through long term stewardship by maintaining, monitoring and enforcing effective ICs as well as maintaining the Site remedy components. To that end, an IC work plan and IC Action Plan will be prepared by U.S. EPA and WDNR.

Table 2: Status of Recommendations from the 2009 FYR

OU #	Issue	Recommendations/ Follow-up Actions	Party Responsible	Oversight Party	Original Milestone Date	Current Status	Completion Date (if applicable)
1	ICs are not implemented at the Site.	An institutional control work plan including IC evaluation activities and a draft IC Action plan will be prepared by U.S. EPA and WDNR to assure that effective institutional controls will be implemented, monitored maintained and enforced.	U.S. EPA and WDNR	U.S. EPA and WDNR	12/1/2009	Under Discussion	NA

Remedy Implementation Activities

Institutional Controls

ICs are required by the 1997 ROD to restrict property use, maintain the integrity of the remedy, and assure the long term protectiveness for areas which do not allow for UU/UE. A summary of the implemented and planned ICs for the Site is listed in Table 3 and are further discussed

below. A map which depicts the current conditions of the Site and areas which do not allow for UU/UE will be developed in the IC evaluation activities discussed below.

Table 3: Summary of Planned and/or Implemented ICs

Media, engineered controls, and areas that do not support UU/UE based on current conditions	ICs Needed	ICs Called for in the Decision Documents	Impacted Parcel(s)	IC Objective	Title of IC Instrument Implemented and Date (or planned)
Soil	Yes	Yes	On-Site Property-Soil	Prohibit residential or recreational use	Planned
Groundwater	Yes	Yes	On-Site Property - Groundwater	Prohibit groundwater consumption	Planned

Current Compliance: Even though the ICs have not been implemented, there are currently no known uses of the Site which would be considered inconsistent with the goals to be achieved by the ICs. Access to the Site is restricted by a fence. Based on inspections and interviews, the U.S. EPA is not aware of uses of the Site or media uses which are inconsistent with the stated objectives which will be required in ICs. The remedy appears to be functioning as intended.

Long-Term Stewardship: Since compliance with ICs is necessary to assure the protectiveness of the remedy, planning for long-term stewardship is required to ensure that the ICs are maintained, monitored and enforced so that the remedy continues to function as intended. Long-term stewardship involves assuring effective procedures are in place to property maintain and monitor the Site. The O&M plan shall be updated to include procedures to ensure long-term stewardship such as regular inspection of the engineering controls and access controls at the Site and review of the ICs at the Site. The plan should also include a requirement for an annual certification by WDNR to U.S. EPA that ICs are in place and effective. Lastly, development of a communications plan and use of the State's one call system shall be explored by WDNR.

IC Follow up Actions Needed: U.S. EPA will develop an IC work plan. The work plan will consist of IC evaluation activities and a draft IC Action Plan to implement the ICs and long-term stewardship procedures. The IC evaluation activities will include a map which depicts the current conditions of the Site and areas which do not allow for UU/UE, and conducting title work to ensure no prior encumbrances exist on the Site which are inconsistent with the ICs to be implemented. The IC work plan, including the IC Action Plan, should be completed within 12 months of the five year review.

In 2014, U.S. EPA and WDNR initiated the implementation of ICs at the Site. The Agencies discussed the need for groundwater restrictions, soil restrictions, and continued discussions regarding the PAL exemptions at the Site. The Agencies discussed placing the Site on the

Geographic Information Systems data base once the PAL exemption is granted. In order for the control to be enforceable WDNR will issue a continuing obligation letter to the Site owner. U.S. EPA has contacted the site owner to discuss the need for ICs at the Site.

System Operation/Operation and Maintenance Activities

There were no O&M activities at the Site during this review period since all O&M requirements were satisfied during the 2004 review period.

III. FIVE-YEAR REVIEW PROCESS

Administrative Components

The PRP was notified of the initiation of the five-year review on January 15, 2014. The Scrap Processing Superfund Site Five-Year Review was led by Lolita Hill of the U.S. EPA, Remedial Project Manager for the Site and Susan Pastor, the Community Involvement Coordinator (CIC). John E. Sager, of the Wisconsin DNR, assisted in the review as the representative for the support agency.

The review, which began on February 4, 2014, consisted of the following components:

- Community Involvement;
- Document Review;
- Data Review;
- Site Inspection; and
- Five-Year Review Report Development and Review.

Community Notification and Involvement

Activities to involve the community in the five-year review process were initiated on September 11, 2013 between the RPM and CIC for the Site. A notice was published in the local newspaper, the "Medford Star", on February 2, 2014, stating that there was a five-year review and inviting the public to submit any comments to the U.S. EPA. The results of the review and the report will be made available at the Site information repository located at the Frances L. Simek Memorial Library, 400 North Main Street, Medford, WI.

Document Review

This five-year review consisted of a review of relevant documents including past O&M records and monitoring data. Applicable groundwater cleanup standards, as listed in the September 1997 Record of Decision, were also reviewed.

Data Review

The last round of groundwater sampling at the Site was performed in February 2002. The groundwater results were evaluated by U.S. EPA and WDNR. The Agencies concluded that with the exception of manganese and iron, neither MCLs nor Wisconsin Enforcement Standards were exceeded for groundwater contaminants after the Site remediation. Therefore,

additional active groundwater remediation was not needed at the Site. Both Agencies agreed that a Wisconsin PAL exemption should be granted for the Site to address the groundwater contamination concerns.

Site Inspection

The inspection of the Site was conducted on March 10, 2014 at approximately 1:30 pm. In attendance at the Site visit were Carrie Stoltz, WDNR Project Manager (current) for Taylor County, John Sager of the Wisconsin DNR (former Site project manager), and Mark Potaczek, the Site owner. The purpose of the inspection was to assess the protectiveness of the remedy. At the time of the inspection, Scrap Processing was open for normal business. The inspectors discussed property use and improvements with Mark Potaczek. Changes to the site since the last five year review included construction of the aluminum processing building and installation of an addition to the security fencing on the east and south side of the property. (See Attachment B, Site Photos which includes an air photo showing the location of the new aluminum processing building, areas covered by concrete and asphalt and locations of photographs taken during the Site visit). Security fencing now surrounds the entire facility. Potaczek did not have any further improvements for the property planned at the time of the Site visit. The inspectors observed some monitoring wells but could not complete an adequate survey of monitoring wells during the Site visit due to the depth of the snow in the undeveloped areas of the Site. A part of the Site area was covered with an asphalt pad (prior to the 2009 five-year review) which prevented disturbance of the Site cover. This concrete pad and asphalt appeared in good condition during the Site visit. All O&M activities were completed at the Site. Overall, the property appeared to be in good condition. There were no indications of new contaminant sources on the property that would interfere with the effectiveness of the remedy. There were no activities observed by Scrap Processing that would disturb the remedy. There were no major issues noted related to the Site. The Site Inspection Checklist is in Appendix E.

An early indicator of a potential problem may include the security of monitoring wells at the site. With routine groundwater monitoring not occurring, there is the potential for monitoring wells to be damaged or lost during normal operation of the facility. Institutional controls are not in place.

Since the last FYR, Wisconsin has established groundwater quality standards for aluminum. The Wisconsin Administrative Code NR140 Groundwater Quality Standards Preventive Action Limit and Enforcement Standard for aluminum are 40 µg/L and 200 µg/L, respectively. Dissolved aluminum has historically been detected at the Scrap Processing Site at concentrations above these standards. Additional groundwater monitoring may be considered to determine current groundwater quality. Aluminum is regulated as a secondary drinking water contaminant under Federal regulations.

Interviews

No interviews were conducted at the time of the Site visit.

IV. TECHNICAL ASSESSMENT

Question A: Is the remedy functioning as intended by the decision documents?

Yes. The review of documents, ARARs, risk assumptions, and the results of the Site inspection indicate that the remedy is functioning as intended by the ROD. The excavation and disposal of the contaminated soil and subsequent groundwater monitoring has achieved the remedial action objectives to minimize the migration of contaminants to groundwater and surface water, and prevent direct contact with or ingestion of contaminants in the soil. The groundwater monitoring at the Site has been completed. There are no required ongoing O&M activities. The remedy will be fully functioning as intended by the ROD once ICs are implemented.

There were no opportunities for optimization of the remedial action during this review. The monitoring well network has provided sufficient data to assess groundwater quality at the Site and to determine the effectiveness of the remedial action. The perimeter fencing appears to be adequate to limit access to the Site. The property use is industrial and property deed restrictions are required to maintain industrial use.

Question B: Are the exposure assumptions, toxicity data, cleanup levels, and remedial action objectives used at the time of the remedy section still valid?

Changes in Standards and Things to be Considered

As the remedial work has been completed, most ARARs or performance standards cited in the ROD have been achieved. There have been no major changes in these ARARs and no new standards affecting the protectiveness of the remedy.

Changes in Exposure Pathways, Toxicity, and Other Contaminant Characteristics

The exposure assumptions used to develop the Human Health Risk Assessment included both current exposures (older child trespasser, adult trespasser) and potential future exposures (young and older future child resident, future adult resident, and future adult worker). There have been no changes in the toxicity factors for the contaminants of concern that were used in the baseline risk assessment. These assumptions are considered to be conservative and reasonable in evaluating risk and developing risk based cleanup levels. Change is not warranted from these assumptions or the cleanup levels developed from them. There has been no change to the standardized risk assessment methodology that could affect the protectiveness of the remedy. There have been no changes in the physical Site conditions that could affect the protectiveness of the remedy. There are no new land uses on or near the Site.

Question C: Has any other information come to light that could call into question the protectiveness of the remedy?

There has been no information generated during this five-year review process or other information that calls into question the protectiveness of the remedy. However, ICs in the form of deed restrictions will need to be placed on the property to restrict the Site to industrial use and limit Site groundwater use. These and other potential ICs will be developed in the IC

action plan. The groundwater is in compliance with Federal maximum contaminant levels and Wisconsin Enforcement Standards. Some contaminants exceed the Wisconsin PALs and will need PAL exemptions from the WDNR. In January 2011, Wisconsin adopted a standard of 0.2 mg/L for aluminum levels in groundwater. Therefore, aluminum may exceed the current NR140 Wisconsin Administrative Code Enforcement Standard in the groundwater. Aluminum is regulated as a secondary drinking water contaminant under Federal regulations.

Technical Assessment Summary

According to the data reviewed, the site inspection, and the interviews, the remedy is functioning as intended by the ROD. There have been no changes in the physical conditions of the site that would affect the protectiveness of the remedy. There has been no change to the standardized risk assessment methodology that could affect the protectiveness of the remedy. There is no other information that calls into question the protectiveness of the remedy.

V. ISSUES/RECOMMENDATIONS AND FOLLOW-UP ACTIONS

Table 4: Issues and Recommendations/Follow-up Actions

OU #	Issue	Recommendations/ Follow-up Actions	Party Responsible	Oversight Agency	Milestone Date	Affects Protectiveness? (Yes/No)	
						Current	Future
1	ICs are not implemented at the Site.	Implement ICs at the Site. U.S. EPA will develop an IC work plan to help implement the ICs.	PRP/EPA	EPA and Wisconsin DNR	04/30/2015	No	Yes

Wisconsin has established groundwater quality standards for aluminum since the last FYR. Additional groundwater monitoring may be considered to determine groundwater quality with the new aluminum standard.

In addition, the groundwater monitoring program has been completed at the Site. Some contaminants exceed the Wisconsin Preventive Action Limits in some monitoring wells. An exemption is needed for groundwater in the wells which exceed the Wisconsin PALs. This does not affect the current or future protectiveness of the Site.

VI. PROTECTIVENESS STATEMENT

OU1 & Sitewide Protectiveness Statement
Protectiveness Determination: Short-term Protective
Protectiveness Statement: The remedy at Scrap Processing currently protects human health and the environment in the short-term because the remedy components, including the excavation and removal of contaminated soils and short-term groundwater monitoring, are functioning as designed. However, in order for the remedy to be protective in the long-term ICs must be put in place.

VII. NEXT REVIEW

The next five-year review report for the Scrap Processing Superfund Site is required five years from the completion date of this review.

APPENDIX A

EXISTING SITE INFORMATION

A. SITE CHRONOLOGY

Table 5: Site Chronology

Event	Date
Initial discovery of problem or contamination	September 1972
Pre-NPL responses	September 1983
Final NPL listing	September 1984
Removal actions	September 1993 - December 1994
Remedial Investigation/Feasibility Study complete	February 1992 - September 1997
ROD signature	September 1997
On-site remedial action construction start	April 1999
RA Construction completion	February 2000
Construction completion date	February 2000
Final Close-out Report (if applicable)	------
Deletion from NPL (if applicable)	------
Previous five-year reviews	April 2004, April 2009
Site Inspection	March 10, 2014

B. BACKGROUND

Physical Characteristics

The Scrap Processing Co., Inc. Superfund Site is located in the NW1/4 of the NW1/4 of Section 27, T31 N, R1 E and in the NE1/4 of the NE1/4 of Section 28, T31 N, R1 E in the City of Medford, Taylor County Wisconsin. The City of Medford is a community of 4,326 residents (2010 census). The City of Medford is located in Taylor County. The Scrap Processing Site is located on the north side of the City of Medford at 510 Allman Avenue. The Site is approximately 15 acres and is bordered by Allman Avenue to the north, the Black River to the west and a railroad to the east. There is an electrical substation on the north side of Allman Avenue. There is residential development northeast of the Site.

Geology and Hydrology

Available geologic information indicates the bedrock is primarily early to middle Proterozoic crystalline igneous and metamorphic rock of the North American Pre-cambrian shield. Numerous northeast-southwest trending faults are prominent in the shield. Sedimentary rock units above the present-day bedrock were eroded and removed by streams and glaciers, until no record of them remains in the region today. The bedrock is in direct contact with overlying Pleistocene glacial moraine and outwash deposits and recent alluvial deposits. In Taylor County, unconsolidated Pleistocene and recent deposits (overburden) are up to 280 feet thick. The overburden is typically thickest in northern Taylor County. In many places, no overburden is present, and bedrock is exposed at the ground surface. Surface water drainage throughout the region is poorly developed in the geologically young glacial terrain. The region is characterized as geomorphically young. Area topography consists of low rolling hills with many swampy areas in the valleys between the hills. Streams in this region vary greatly in size and direction of flow. The southflowing Black River comes within about 100 feet of the northwest

corner of the site. The Black River is a tributary to the Mississippi River.

On-site overburden consists of glacial ground moraine (till), with local discontinuous outwash deposits of sand and gravel immediately below the ground surface extending to relatively shallow depths. The upper discontinuous zone within the till soils appears to be underlain by a continuous clay stratum throughout the study area. A deeper saturated sand and gravel stratum exists immediately below the clay layer extending to bedrock. Subsurface boring logs and available data collected during investigations at this site indicated there are discontinuous clay, silt, sand and gravel units in the glacial sediments. These discontinuous silt, sand, and clay units constitute a "discontinuous zone" that generally extends to depths between 15 to 25 feet below the ground surface. The more permeable sand/gravel units within the discontinuous zone are generally saturated, however clay and silt units are predominant. The saturated sand/gravel units of the discontinuous zone, or shallow aquifer, behave as a water table aquifer. The groundwater flow direction in the shallow aquifer is to the west-northwest based on October 1995 groundwater readings.

Land Use

The property was undeveloped prior to Scrap Processing beginning operations in the 1940s. Battery cracking occurred at the Site from the 1950s until the early 1980s. The Scrap Processing Site itself is still an active scrap yard. Collection of scrap cars, aluminum and other waste metal continues at the Site. Land use surrounding the Site is mixed. North of the Site is an electrical substation. Land use south of the Site is a mixture of residential and industrial. Northeast of the Site the land use is primarily residential. The Scrap Processing Site borders the east bank of the Black River. The City of Medford maintains a park along the west shore of the Black River. Currently, there are no restrictions on groundwater use at the Site.

History of Contamination

Batteries were accepted at the Site from the 1950s until the early 1980s. The batteries were dismantled at the Site and the lead battery cores were recovered. Approximately 8,000 to 10,000 batteries per month were cracked and salvaged at the facility. Battery acid was collected in an unlined lagoon that was located south of the battery cracking building. Nearly 400,000 gallons of liquid waste was released to the lagoon. The waste battery acid was treated with sodium bicarbonate after the acid was placed in the lagoon.

Initial Response

Remediation near the battery cracking building was conducted in the 1980s as a result of a State enforcement action. The Site was placed on the National Priorities List (NPL) in 1984. Under its removal program, U.S. EPA evaluated the Site in 1992. Sampling results showed high levels of lead and PCBs near the battery cracking building. U.S. EPA initiated a remedial investigation at the Site in 1993. The initial investigation concentrated on the perimeter of the property and the battery cracking building area. U.S. EPA removed the highly contaminated soil near the battery cracking building in 1994 using removal authorities under its removal program.

Basis for Taking Action

Contaminants

Some of the hazardous substances that have been released and/or detected at the Site in each media included:

Table 6. Site Contaminants

Soil	Groundwater
Lead	Trichloroethene
Cyanide	Tetrachloroethene
Toluene	1,2 -Dichloroethane
Xylene	Phenol
Antimony	Heptachlor
Arsenic	Nickel
Barium	Antimony
Nickel	Beryllium
Silver	Cadmium
Thallium	Chromium
Cobalt	Mercury
Copper	Aluminum

Exposure to contaminated soil or groundwater is associated with significant human health risks, if there are exceedances of EPA's risk management criteria for either the average or the reasonable maximum exposure scenario. The carcinogenic risks were highest for exposure to the PCB contamination near the battery cracking area and the volatile organic compounds and PAH contamination near the former underground storage tanks. Noncarcinogenic risk was highest for the lead-contaminated soils near the battery cracking area. Risks from exposure to soil were significant primarily due to the presence of lead and PCBs.

Potential risks associated with exposure to groundwater are attributed primarily to the presence of lead near the battery cracking area. The PCB contaminated soil was adequately addressed during the removal action completed in 1994. Risk from contact with lead contaminated soil was addressed by the remedial action conducted in 1999. The volatile organic compounds and PAH contamination associated with the former UST is being addressed by the WDNR.

C. REMEDIAL ACTIONS

Remedy Selection

The Record of Decision (ROD) for the Scrap Processing Site was signed on September 30, 1997. The remedial action objectives were developed using data collected during the remedial investigation to aid in the development and screening of remedial alternatives to be considered for the ROD. The Remedial action for the Scrap Processing Site included source control and groundwater objectives as follows:

Source Control Response Objectives

- Minimize the migration of contaminants from soil that could degrade groundwater quality;
- Reduce the risk to human health by preventing direct contact with and ingestion of contaminants in the soils;
- Minimize the migration of contaminants that could result in degradation of the water quality of the Black River.

Groundwater Objectives

- Eliminate or minimize the threat to human health and the environment by preventing exposure to groundwater contaminants;
- Prevent further migration of groundwater contamination;
- Comply with Federal MCLs and State ARARs.

The major components of the source control remedy selected in the ROD include the following:

- Excavation of lead-contaminated soils;
- Off-Site disposal of excavated soil at a solid waste landfill;
- Fencing of the Site to limit access;
- ICs, such as restrictions on land and groundwater use;
- Installation of groundwater monitoring.

The major components of the groundwater remedy selected in the ROD include the following:

- Monitoring of groundwater to ensure the effectiveness of the cleanup and to determine the need for active groundwater remediation;
- Five-year Site reviews to assess Site conditions, contaminant distributions, and associated site hazards.

Remedy Implementation

The Site cleanup was a fund-financed pilot project that utilized the performance based contracting strategy to accomplish the objectives of the ROD. The remedial action was conducted in two phases -one phase for the source control response objectives and one for the groundwater response objective. The major components of the remedial action included the following:

- Excavation, treatment, and/or disposal of nearly 17,000 cubic yards of lead-contaminated soils;
- Replacement of excavated soils with clean soil;
- Re-vegetation of excavated areas;
- Installation of a Site security fence;
- Installation of 7 shallow and 4 deep groundwater monitoring wells;

- Groundwater monitoring to evaluate the effectiveness of the cleanup.

The remedial action contract was awarded in April 1999. Site mobilization and excavation of contaminated soils began in October 26, 1999 and continued through December 17, 1999. Baseline groundwater sampling was conducted from December 13 to 17, 1999. Site grading was completed on May 5, 2000. The Site security fence was installed on May 31, 2000.

As mentioned above, the groundwater monitoring program was implemented as Phase 2 of the remedial action and was designed to evaluate the effectiveness of the remedial action. The groundwater monitoring program for the Site outlined the following activities:

Table 7. Summary of Groundwater Monitoring Program	
1	Complete 2 rounds of quarterly sampling and analyses of Site monitoring wells.
2	Discontinue groundwater monitoring if no contaminants of concern were detected above the Wisconsin PALs
3	Continue quarterly sampling for 2 years if Wisconsin PALs were exceeded in the initial two rounds of sampling
4	Continue groundwater monitoring for another three years if Wisconsin PALs were exceeded at the end of 2 years of sampling
5	Evaluate the results of sampling to determine the need for further monitoring or active remediation.

The groundwater monitoring program continued in March 2000 after the baseline groundwater monitoring was conducted. Wisconsin PALs were exceeded during the initial two quarterly rounds of sampling. Hence, additional groundwater sampling rounds were conducted for two more years, in June 2000, October 2000, January 2001, March 2001, June 2001, November 2001, and February 2002.

On December 21, 1999, the U.S. EPA and the WDNR conducted a pre-final inspection of the Site. The Site achieved construction completion status when the Preliminary Closeout Report was signed on February 24, 2000. A final Site inspection was conducted on August 24, 2000. The remedial action report was issued on November 29, 2000. The EPA and the WDNR have determined that all remedial action construction activities were performed according to specifications.

System Operations and Operation and Maintenance

Post remedial action system operations and O&M included grounded water monitoring at the Site. Two rounds of groundwater sampling were conducted in February 1992 and April 1994 prior to the remedial action. The sampling results from these sampling rounds indicated that VOC contamination in the shallow aquifer was limited. All VOC concentrations were less than the required quantification limit and the only VOC s that exceeded the PALs were in monitoring wells MW-1S and MW-2S along the southern property line. The low-level VOC contamination in shallow monitoring wells MW1-S and MW2-S was not attributable to the Site for the following reasons:

- The groundwater flow direction in the shallow aquifer is to the west northwest and these wells are located along the southern Site property line. Therefore, an off-Site source was the likely cause of the contamination.
- VOCs were not typically associated with the current and former Site operations.
- The former underground storage tank was located on the opposite side of the Site.
- Site operations were primarily conducted in the northern half of the Site.

There were no Wisconsin Enforcement Standards exceedances for VOCs in any of the monitoring wells. Wisconsin PALs were exceeded in monitoring well MW1S for trichloroethane and tetrachloroethene and in monitoring well MW-2S for methylene chloride prior to the remedial action. There was limited semi-volatile organic contamination. Phenol was detected in the upgradient background monitoring well and several of the on-Site wells in 1992 and 1994 but did not exceed the Wisconsin Enforcement Standard or PAL for either sampling round. The pesticides Alpha-chlordane, Heptachlor and 4, 4"-DDT were detected in the shallow aquifer but at levels below the laboratory quantification limit. There were no pesticides or VOCs detected in the deep monitoring wells. There were no PCBs detected in any of the monitoring wells.

Heavy metals were detected in the shallow aquifer in 1992 and 1994 which included arsenic, beryllium, cadmium, chromium, mercury, and nickel which exceeded the PALs in one or two monitoring wells. Iron, lead, and manganese were detected in the shallow background monitoring well and the upgradient monitoring well MW-1S. The iron and manganese concentrations in these wells significantly exceeded the Wisconsin Enforcement Standard while the lead concentrations exceeded the PAL. Iron and manganese concentrations in the deep background monitoring well MBD exceeded the Wisconsin Enforcement Standard and lead exceeded the PAL. Similar concentrations were found in the downgradient monitoring wells MW-2D and MW-1D. Therefore, the heavy metal concentrations can be attributed to background conditions.

As part of the October 1999 remedial action, nine rounds of groundwater sampling were conducted. Sampling was conducted in December 1999, March 2000, June 2000, October 2000, January 2001, March 2001, June 2001, November 2001, and February 2002. Groundwater samples were analyzed for volatile organic compounds, semi-volatile organic compounds, PCBs, pesticides, and metals. The analytical results from these groundwater sampling events are included in Attachment 3. The most recent sampling event in February 2002 showed only one well, MW1-S, that contained concentrations of VOCs that exceeded a PAL. Monitoring well MW1-S exhibited concentrations of trichloroethene and tetrachloroethene of 1.7 µg/L and 2.6 µg/L, respectively, above the PAL of 0.5 µg/L but below the 5.0 µg/L Wisconsin Enforcement Standard for these contaminants. No other well (deep or shallow) showed VOCs or semi-VOCs above any PAL or Wisconsin Standard during this sampling event. As for metals, cobalt was detected in shallow well MP- 9S slightly above the PAL (8 µg/L) at 12.0 µg/L while iron and manganese were detected in many of the shallow and deep wells. The filtered concentration of manganese in the shallow background well MP-10S was 766 µg/L for this sampling event. The concentration of manganese in the deep background well MBD was 168 µg/L. The Wisconsin Enforcement Standard and PAL for manganese are 50 µg/L and 25 µg/L, respectively. Shallow monitoring wells MP-2S, MP-7, MP-9S, and MW-3S exceeded the shallow background manganese concentrations, the PAL, and the Wisconsin Enforcement Standard. Deep monitoring wells MP-2D, MW-3D, and MP-9D exceeded both the PAL and Wisconsin Enforcement Standard with filtered manganese concentrations ranging

from 135 to 160 µg/L. Iron was detected in the shallow background well MP10S at 6,240 µg/L. Two wells, MP-9S and MP-2S, exceeded this background iron concentration at 6,610 and 20,900 µg/L. The Wisconsin Enforcement Standard for cobalt is 40 µg/L. Lead was detected in the filtered fraction in shallow well MP5 at 2.3 µg/L slightly above the 1.5 µg/L PAL for lead. The Wisconsin Enforcement Standard for lead is 15 µg/L.

Iron, lead and manganese were detected in the background monitoring wells. These constituents significantly exceeded their respective PALs and Wisconsin Enforcement Standards in background monitoring wells. These metals are believed to be naturally occurring background constituents which directly caused the PAL and Wisconsin Enforcement Standard exceedances. With respect to trichloroethene and tetrachloroethene detections at the Site, the groundwater flow direction in the shallow aquifer is to the west-northwest and monitoring well MW1-S is located along the southern Site property line. Therefore, an off-Site source was the likely cause of the limited VOC contamination. Consequently, in 2002, after two years of groundwater sampling, U.S. EPA and WDNR decided not to sample the groundwater for an additional 3 years, as discussed in the ROD, but instead decided to discontinue sampling the groundwater and allow a PAL exemption for the Site.

All groundwater monitoring activities have been completed for the Site. There are no additional O&M requirements for the Site. Therefore, there are no O&M costs related to the Site since the last sampling event in 2002.


10
9
W Allman St
8
7
1
2
3
New Aluminum processing building
6
5
Ice Age National Scenic Trail
Ice Age National Scen


ALTER

Appendix C

Newspaper Ad

A step in the right direction

Rib Lake village board moves forward on Safe Routes to School project

by Reporter Sue Hady

Several years after obtaining state grant funding under the Safe Routes to School (SRTS) program, the Rib Lake Village Board of Trustees approved the final plan for the 6 foot wide walking and biking path that will encourage children in grades K-8 to walk and bike to school. A great deal of planning has gone into the process, including obtaining engineering plans from MSA Professional Services, working collaboratively with the school district, obtaining input through a public hearing, and getting approval from the state Department of Transportation (DOT) and state's consulting firm regarding the various proposals under consideration.

The DOT awarded $301,264 to the village in order to construct the path, and one of the guiding principles for the village board was to work within the available resources in order to keep the project under budget. Based upon the amount of funding available and other considerations that were brought up during the public hearing process, the board finalized the path which will extend along the east side of Kennedy Street (CTH D) from Fayette Avenue to the elementary school. This option will result in an estimated cost of $285,241.

Originally, board president Wayne Tlusty had submitted a grant proposal which would have taken the path all the way to Hwy 102. However, at an estimated cost of $396,863, this option was not affordable within the parameters of grant funding. If actual costs come in significantly under budget once the final bids come in, the board would consider extending the path from Fayette Avenue to Landall Avenue, which is one block to the south.

The board reviewed its policy concerning the responsibility and cost to thaw frozen laterals, in light of the fact that the contractor who had previously been called in to assist is no longer available, according to public works director Jerry Butler. Due to extremely cold temperatures this winter, the frost line has extended much deeper into the ground than usual, resulting in frozen water pipes and an order from the board for village residents to run a continuous steady stream of water to prevent freezing of laterals. The order remains in effect.

The board clarified its policy at a special meeting held on February 28. President Tlusty reviewed the meeting minutes and the approved policy: "The village pays for the thaw if homeowners are running their water and still freeze up. But the village does not pay for the thaw if the homeowner is negligent in not running the steady stream of water as advised, and freezes up."

Butler said the contractor who had been called in is no longer assisting at this time, and the village does not have the machinery, currently, to thaw the pipes. He said he plans to rent equipment until the village is able to purchase it. If customers ignore the requirement to run water and end up with a frozen lateral, they will be charged the equipment rental fee of $75 per incident, plus the hourly cost of labor provided by public works staff to thaw the lateral.

Butler said he took the old welder in for repairs, and a large mouse nest was discovered. He said mice had chewed up all the circuit boards and it was determined it is not worth fixing. The board approved a plan to purchase a used welder for thawing frozen pipes, at a cost of approximately $800. The board also approved the purchase of 150 feet of wire at a cost of $5.25 per foot, to attach to the portable generator to be used for this purpose.

One common method used by municipalities to thaw water laterals, is to connect an arc welder to the pipes and apply an electrical current through them. The resistance through the metal of the pipe creates heat which melts the blockage. It does not work on PVC pipes which are nonconductive and is less effective on copper or aluminum pipes than on steel pipes because of the greater conductivity.

Kelley Patrick, owner of Visionary Design Concepts was invited to appear before the board. Patrick said she specializes in marketing for small businesses with a focus on web design and email marketing. Trustee Doug Polacek said that Patrick was invited to attend the meeting because the board has, on numerous occasions, talked about the need to update the village website. Patrick explained how her services could assist the board. She said she emphasizes search engine optimization, Google tracking, and responsive design which looks at design changes needed for various screen sizes. She said the board needs to set a budget and determine its priorities, including whether the website should emphasize the business and technical end of village operations, versus promotion of tourism. A subcommittee of the board will meet with her in the future to clarify objectives and to receive a more specific estimate of costs.

A request was made to the owner of the property located at 749 McComb Ave. to appear before the board. This request followed an inspection that was performed by village staff and building inspector Robert Christensen concerning the roof of the building on this property, which appears to be in danger of collapsing due to the heavy snow load. The property owner appeared before the board, explaining that the building is not currently occupied and will not be occupied until the needed repairs are made to the structure and it is brought up to code. The board determined that the structure is unsafe for occupancy, and the corrective action plan for needed repairs was approved by the board, pending final approval by the building inspector. The board thanked the owner for his cooperation in attending the meeting.

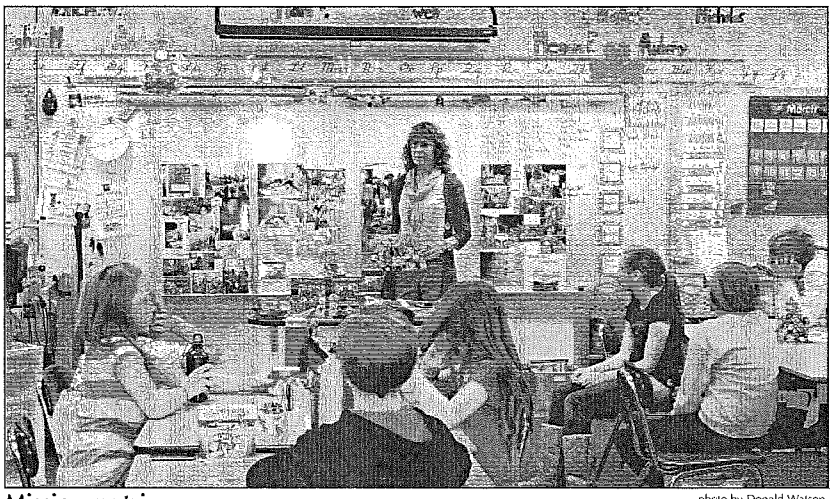


photo by Donald Watson

Missionary trip

Jackie Meyer of Medford talked about her experiences, during a recent missionary trip to Guatemala, to students in Kim Karlen's fourth grade class at Holy Rosary School in Medford. The students in Karlen's class held a bake sale to raise money to purchase shoes and dictionaries which Meyer delivered to students in Guatemala.

Scouts help fight hunger

This year marks the 26th consecutive year for the Boy Scouts of America (BSA)'s Scouting for Food Community Service project. In this nation-wide effort, the BSA partners with local food pantries to help the hungry. National statistics indicate that 20 percent of Americans face some type of food inadequacy every week.

On the weekend of April 4-6 Scouts from all over Samoset Council will leave white plastic bags at residences throughout Central and Northern Wisconsin, from Adams-Friendship to the Michigan border. In the Medford areas, members of Cub Scout Troop 533 will be dropping off the bags.

The Scouts ask that contributions of non-perishable food, personal, and/or household care items be placed in the bags as donations. The bags can be placed outside, near the home's door or mailbox by 9 a.m. on Saturday, April 12 for Scouts to collect.

Donated items will be delivered to more than 50 food pantries throughout the 13 counties served by the Samoset Council. All collections will be distributed locally.

EPA Begins Review of
Scrap Processing Co. Superfund Site
Medford, Wisconsin

The U.S. Environmental Protection Agency is conducting a five-year review of the Scrap Processing Co. Superfund site, 51 W. Allman St. in Medford.

The Superfund law requires regular checkups of sites that have been cleaned up – with waste managed on-site – to make sure the cleanup continues to protect people and the environment. This is the third five-year review of the site.

The EPA's 1997 plan included excavating and removing PCB- and lead-contaminated soil and sediment, and draining an unlined pond.

More information is available at the Frances L. Simek Memorial Library, 400 N. Main St., Medford, and at www.epa.gov/region5/cleanup/scrapproc. The review should be completed by the end of May.

The five-year-review is an opportunity for you to tell EPA about site conditions and any concerns you have. Contact:

Susan Pastor	**Lolita Hill**
Community Involvement Coordinator	Remedial Project Manager
312-353- 1325	312-353-1621
pastor.susan@epa.gov	hill.lolita@epa.gov

You may also call EPA toll-free at 800-621-8431, 8:30 a.m. to 4:30 p.m., weekdays.

12-137206

Appendix D

Site Inspection Checklist

Please note that "O&M" is referred to throughout this checklist. At sites where Long-Term Response Actions are in progress, O&M activities may be referred to as "system operations" since these sites are not considered to be in the O&M phase while being remediated under the Superfund program.

Five-Year Review Site Inspection Checklist (Template)

(Working document for site inspection. Information may be completed by hand and attached to the Five-Year Review report as supporting documentation of site status. "N/A" refers to "not applicable.")

I. SITE INFORMATION	
Site name: Scrap Processing Co	**Date of inspection:** 3/10/14
Location and Region:	**EPA ID:** WIR000049932
Agency, office, or company leading the five-year review:	**Weather/temperature:** Sunny 40°

Remedy Includes: (Check all that apply)

Landfill cover/containment	Monitored natural attenuation
Access controls	Groundwater containment
Institutional controls	Vertical barrier walls
Groundwater pump and treatment	
Surface water collection and treatment	

Other _____

Attachments: Inspection team roster attached (Site map attached)

II. INTERVIEWS (Check all that apply)

1. **O&M site manager** _____ _____ _____
   Name Title Date
   Interviewed at site at office by phone Phone no. _____
   Problems, suggestions; Report attached _____

2. **O&M staff** _____ _____ _____
   Name Title Date
   Interviewed at site at office by phone Phone no. _____
   Problems, suggestions; Report attached _____

3. **Local regulatory authorities and response agencies** (i.e., State and Tribal offices, emergency response office, police department, office of public health or environmental health, zoning office, recorder of deeds, or other city and county offices, etc.) Fill in all that apply.

Agency WDNR
Contact John Sager — Hydrogeologist — 3/10/14 — (715)365-8859
Name / Title / Date / Phone no.
Problems; suggestions; Report attached Continuing Obligations NR700
Wis Adm Code not in place

Agency ____
Contact ____ ____ ____ ____
Name / Title / Date / Phone no.
Problems; suggestions; Report attached ____

Agency ____
Contact ____ ____ ____ ____
Name / Title / Date / Phone no.
Problems; suggestions; Report attached ____

Agency ____
Contact ____ ____ ____ ____
Name / Title / Date / Phone no.
Problems; suggestions; Report attached ____

4. **Other interviews** (optional) Report attached.

III. ON-SITE DOCUMENTS & RECORDS VERIFIED (Check all that apply)

1.	**O&M Documents**			
	O&M manual	Readily available	Up to date	(N/A)
	As-built drawings	Readily available	Up to date	(N/A)
	Maintenance logs	Readily available	Up to date	(N/A)
	Remarks			
2.	**Site-Specific Health and Safety Plan**	(Readily available)	Up to date	N/A
	Contingency plan/emergency response plan	Readily available	Up to date	(N/A)
	Remarks			
3.	**O&M and OSHA Training Records**	Readily available	Up to date	(N/A)
	Remarks			
4.	**Permits and Service Agreements**			
	Air discharge permit	Readily available	Up to date	(N/A)
	Effluent discharge	Readily available	Up to date	(N/A)
	Waste disposal, POTW	Readily available	Up to date	(N/A)
	Other permits	Readily available	Up to date	(N/A)
	Remarks			
5.	**Gas Generation Records**	Readily available	Up to date	(N/A)
	Remarks			
6.	**Settlement Monument Records**	Readily available	Up to date	(N/A)
	Remarks			
7.	**Groundwater Monitoring Records**	(Readily available)	(Up to date)	N/A
	Remarks			
8.	**Leachate Extraction Records**	Readily available	Up to date	(N/A)
	Remarks			
9.	**Discharge Compliance Records**			
	Air	Readily available	Up to date	(N/A)
	Water (effluent)	Readily available	Up to date	(N/A)
	Remarks			
10.	**Daily Access/Security Logs**	Readily available	Up to date	(N/A)
	Remarks			

IV. O&M COSTS

1. **O&M Organization**
   - State in-house — Contractor for State
   - PRP in-house — Contractor for PRP
   - Federal Facility in-house — Contractor for Federal Facility
   - Other Fed Owned

2. **O&M Cost Records**
   - Readily available — Up to date
   - Funding mechanism/agreement in place
   - Original O&M cost estimate _____ Breakdown attached

   Total annual cost by year for review period if available

   From _____ (Date) To _____ (Date) _____ (Total cost) Breakdown attached
   From _____ (Date) To _____ (Date) _____ (Total cost) Breakdown attached
   From _____ (Date) To _____ (Date) _____ (Total cost) Breakdown attached
   From _____ (Date) To _____ (Date) _____ (Total cost) Breakdown attached
   From _____ (Date) To _____ (Date) _____ (Total cost) Breakdown attached

3. **Unanticipated or Unusually High O&M Costs During Review Period**
   Describe costs and reasons: _____

V. ACCESS AND INSTITUTIONAL CONTROLS — Applicable — N/A

A. Fencing

1. **Fencing damaged** — Location shown on site map — Gates secured — N/A
   Remarks Fence in good condition, gate secured when facility closed. Dew Ponds on South side of prop (not fully)

B. Other Access Restrictions In approx 2010

1. **Signs and other security measures** — Location shown on site map — (N/A)
   Remarks _____

C. Institutional Controls (ICs)

1. **Implementation and enforcement**

Site conditions imply ICs not properly implemented — Yes / No / N/A
Site conditions imply ICs not being fully enforced — Yes / No / N/A

Type of monitoring (*e.g.*, self-reporting, drive by) _____
Frequency _____
Responsible party/agency _____
Contact _____ (Name) _____ (Title) _____ (Date) _____ (Phone no.)

Reporting is up-to-date — Yes / No / N/A
Reports are verified by the lead agency — Yes / No / N/A

Specific requirements in deed or decision documents have been met — Yes / No / N/A
Violations have been reported — Yes / No / N/A
Other problems or suggestions: Report attached

2. **Adequacy** ICs are adequate ICs are inadequate N/A
Remarks IC's not in place as of 3/10/14

D. General

1. **Vandalism/trespassing** Location shown on site map (No vandalism evident)
Remarks _____

2. **Land use changes on site** N/A
Remarks No land use changes since last 5 year review in 2009

3. **Land use changes off site** N/A
Remarks No land use changes since last 5 year review

VI. GENERAL SITE CONDITIONS

A. Roads Applicable (N/A)

1. **Roads damaged** Location shown on site map Roads adequate N/A
Remarks _____

B. Other Site Conditions

Remarks could not locate all monitoring wells. Deep snow prevented adequate survey of monitoring well locations

VII. LANDFILL COVERS Applicable (N/A)

A. Landfill Surface

1. Settlement (Low spots) Location shown on site map Settlement not evident
   Areal extent_____ Depth_____
   Remarks_____

2. Cracks Location shown on site map Cracking not evident
   Lengths_____ Widths_____ Depths_____
   Remarks_____

3. Erosion Location shown on site map Erosion not evident
   Areal extent_____ Depth_____
   Remarks_____

4. Holes Location shown on site map Holes not evident
   Areal extent_____ Depth_____
   Remarks_____

5. Vegetative Cover Grass Cover properly established No signs of stress
   Trees/Shrubs (indicate size and locations on a diagram)
   Remarks_____

6. Alternative Cover (armored rock, concrete, etc.) N/A
   Remarks_____

7. Bulges Location shown on site map Bulges not evident
   Areal extent_____ Height_____
   Remarks_____

8.	**Wet Areas/Water Damage**	Wet areas/water damage not evident	
	Wet areas	Location shown on site map	Areal extent_____
	Ponding	Location shown on site map	Areal extent_____
	Seeps	Location shown on site map	Areal extent_____
	Soft subgrade	Location shown on site map	Areal extent_____
	Remarks_____		
9.	**Slope Instability** Slides	Location shown on site map	No evidence of slope instability
	Areal extent_____		
	Remarks_____		
B. Benches	Applicable	N/A	
	(Horizontally constructed mounds of earth placed across a steep landfill side slope to interrupt the slope in order to slow down the velocity of surface runoff and intercept and convey the runoff to a lined channel.)		
1.	**Flows Bypass Bench**	Location shown on site map	N/A or okay
	Remarks_____		
2.	**Bench Breached**	Location shown on site map	N/A or okay
	Remarks_____		
3.	**Bench Overtopped**	Location shown on site map	N/A or okay
	Remarks_____		
C. Letdown Channels	Applicable	N/A	
	(Channel lined with erosion control mats, riprap, grout bags, or gabions that descend down the steep side slope of the cover and will allow the runoff water collected by the benches to move off of the landfill cover without creating erosion gullies.)		
1.	**Settlement**	Location shown on site map	No evidence of settlement
	Areal extent_____	Depth_____	
	Remarks_____		
2.	**Material Degradation**	Location shown on site map	No evidence of degradation
	Material type_____	Areal extent_____	
	Remarks_____		
3.	**Erosion**	Location shown on site map	No evidence of erosion
	Areal extent_____	Depth_____	
	Remarks_____		

4. **Undercutting** Location shown on site map No evidence of undercutting
Areal extent_____ Depth_____
Remarks_____

5. **Obstructions** Type_____ No obstructions
Location shown on site map Areal extent_____
Size_____
Remarks_____

6. **Excessive Vegetative Growth** Type_____
No evidence of excessive growth
Vegetation in channels does not obstruct flow
Location shown on site map Areal extent_____
Remarks_____

D. Cover Penetrations Applicable (N/A)

1. **Gas Vents** Active Passive
Properly secured/locked Functioning Routinely sampled Good condition
Evidence of leakage at penetration Needs Maintenance
N/A
Remarks_____

2. **Gas Monitoring Probes**
Properly secured/locked Functioning Routinely sampled Good condition
Evidence of leakage at penetration Needs Maintenance N/A
Remarks_____

3. **Monitoring Wells** (within surface area of landfill)
Properly secured/locked Functioning Routinely sampled Good condition
Evidence of leakage at penetration Needs Maintenance N/A
Remarks_____

4. **Leachate Extraction Wells**
Properly secured/locked Functioning Routinely sampled Good condition
Evidence of leakage at penetration Needs Maintenance N/A
Remarks_____

5. **Settlement Monuments** Located Routinely surveyed N/A
Remarks_____

E. Gas Collection and Treatment		Applicable	(N/A)
1.	**Gas Treatment Facilities** Flaring Thermal destruction Collection for reuse Good condition Needs Maintenance Remarks		
2.	**Gas Collection Wells, Manifolds and Piping** Good condition Needs Maintenance Remarks		
3.	**Gas Monitoring Facilities** (e.g., gas monitoring of adjacent homes or buildings) Good condition Needs Maintenance N/A Remarks		
F. Cover Drainage Layer		Applicable	N/A
1.	**Outlet Pipes Inspected** Remarks	Functioning	N/A
2.	**Outlet Rock Inspected** Remarks	Functioning	N/A
G. Detention/Sedimentation Ponds		Applicable	N/A
1.	**Siltation** Areal extent_____ Depth_____ N/A Siltation not evident Remarks		
2.	**Erosion** Areal extent_____ Depth_____ Erosion not evident Remarks		
3.	**Outlet Works** Remarks	Functioning	N/A
4.	**Dam** Remarks	Functioning	N/A

H. Retaining Walls Applicable N/A

1. **Deformations** Location shown on site map Deformation not evident
   Horizontal displacement_____ Vertical displacement_____
   Rotational displacement_____
   Remarks_____

2. **Degradation** Location shown on site map Degradation not evident
   Remarks_____

I. Perimeter Ditches/Off-Site Discharge Applicable N/A

1. **Siltation** Location shown on site map Siltation not evident
   Areal extent_____ Depth_____
   Remarks_____

2. **Vegetative Growth** Location shown on site map N/A
   Vegetation does not impede flow
   Areal extent_____ Type_____
   Remarks_____

3. **Erosion** Location shown on site map Erosion not evident
   Areal extent_____ Depth_____
   Remarks_____

4. **Discharge Structure** Functioning N/A
   Remarks_____

VIII. VERTICAL BARRIER WALLS Applicable (N/A)

1. **Settlement** Location shown on site map Settlement not evident
   Areal extent_____ Depth_____
   Remarks_____

2. **Performance Monitoring** Type of monitoring_____
   Performance not monitored
   Frequency_____ Evidence of breaching
   Head differential_____
   Remarks_____

IX. GROUNDWATER/SURFACE WATER REMEDIES	Applicable	N/A

A. Groundwater Extraction Wells, Pumps, and Pipelines Applicable N/A

1. **Pumps, Wellhead Plumbing, and Electrical**
   Good condition All required wells properly operating Needs Maintenance N/A
   Remarks_____

2. **Extraction System Pipelines, Valves, Valve Boxes, and Other Appurtenances**
   Good condition Needs Maintenance
   Remarks_____

3. **Spare Parts and Equipment**
   Readily available Good condition Requires upgrade Needs to be provided
   Remarks_____

B. Surface Water Collection Structures, Pumps, and Pipelines Applicable N/A

1. **Collection Structures, Pumps, and Electrical**
   Good condition Needs Maintenance
   Remarks_____

2. **Surface Water Collection System Pipelines, Valves, Valve Boxes, and Other Appurtenances**
   Good condition Needs Maintenance
   Remarks_____

3. **Spare Parts and Equipment**
   Readily available Good condition Requires upgrade Needs to be provided
   Remarks_____

C. Treatment System Applicable (N/A)

1. **Treatment Train** (Check components that apply)
   - Metals removal
   - Oil/water separation
   - Bioremediation
   - Air stripping
   - Carbon adsorbers
   - Filters_____
   - Additive (e.g., chelation agent, flocculent)_____
   - Others_____
   - Good condition
   - Needs Maintenance
   - Sampling ports properly marked and functional
   - Sampling/maintenance log displayed and up to date
   - Equipment properly identified
   - Quantity of groundwater treated annually_____
   - Quantity of surface water treated annually_____
   - Remarks_____

2. **Electrical Enclosures and Panels** (properly rated and functional)
   - N/A
   - Good condition
   - Needs Maintenance
   - Remarks_____

3. **Tanks, Vaults, Storage Vessels**
   - N/A
   - Good condition
   - Proper secondary containment
   - Needs Maintenance
   - Remarks_____

4. **Discharge Structure and Appurtenances**
   - N/A
   - Good condition
   - Needs Maintenance
   - Remarks_____

5. **Treatment Building(s)**
   - N/A
   - Good condition (esp. roof and doorways)
   - Needs repair
   - Chemicals and equipment properly stored
   - Remarks_____

6. **Monitoring Wells** (pump and treatment remedy)
   - Properly secured/locked
   - Functioning
   - Routinely sampled
   - Good condition
   - All required wells located
   - Needs Maintenance
   - N/A
   - Remarks_____

D. Monitoring Data

1. Monitoring Data
   - Is routinely submitted on time
   - Is of acceptable quality

2. Monitoring data suggests:
   - Groundwater plume is effectively contained
   - Contaminant concentrations are declining

D. Monitored Natural Attenuation

1. Monitoring Wells (natural attenuation remedy)
   Properly secured/locked Functioning Routinely sampled Good condition
   All required wells located Needs Maintenance N/A
   Remarks Deep snow prevented adequate survey of monitoring wells

X. OTHER REMEDIES

If there are remedies applied at the site which are not covered above, attach an inspection sheet describing the physical nature and condition of any facility associated with the remedy. An example would be soil vapor extraction.

XI. OVERALL OBSERVATIONS

A. Implementation of the Remedy

Describe issues and observations relating to whether the remedy is effective and functioning as designed. Begin with a brief statement of what the remedy is to accomplish (i.e., to contain contaminant plume, minimize infiltration and gas emission, etc.).

The selected remedy intended to minimize migration of contaminants from soil to groundwater & limit contact of contaminated soil. Site fencing is in place & in good condition. New building in place over former battery cracking area. Concrete as indicated on site map appears to be in good condition.

B. Adequacy of O&M

Describe issues and observations related to the implementation and scope of O&M procedures. In particular, discuss their relationship to the current and long-term protectiveness of the remedy.

Institutional controls are not in place. An adequate monitoring well survey could not be conducted because of deep snow at the time of the site visit.

Dissolved Aluminum was historically detected in groundwater at the site. A new NR140 Wis. Adm. Code enforcement standard of 200 ug/L has been established since last 5 year review.

Appendix E

Site Monitoring Data

Table 3-1
Scrap Processing
Groundwater Sampling Analytical Results
VOCs
Medford, Wisconsin

Sample Location	Wisc PAL	Wisc ES	MBD	MP1	MP10S	MP2D	MP2S	MP3
U.S EPA Sample ID			n/a	E0048	E0055	E0036	E0040	E0046
Sample Date			n/a	2/13/02	2/14/02	2/11/02	2/11/02	2/13/02
VOLATILE COMPOUNDS (ug/L								
1,1,1-TRICHLOROETHANE	40	200	NS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2,2-TETRACHLOROETHANE	0.02	0.2	NS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2-TRICHLOROETHANE	0.5	5	NS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-DICHLOROETHANE	85	850	NS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-DICHLOROETHYLENE	0.7	7	NS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2,3-TRICHLOROBENZENE	--	--	NS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2,4-TRICHLOROBENZENE	14	70	NS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-DIBROMO-3-CHLOROPROPANE	0.02	0.2	NS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-DIBROMOETHANE	0.005	0.5	NS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-DICHLOROBENZENE	60	600	NS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-DICHLOROETHANE	0.5	5	NS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-DICHLOROPROPANE	0.5	5	NS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,4-DICHLOROBENZENE	15	75	NS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
2-BUTANONE	--	--	NS	5 U	5 U	5 U	5 U	5 U
4-METHYL-2-PENTANONE	--	--	NS	5 U	5 U	5 U	5 U	5 U
ACETONE	200	1000	NS	5 U	5 U	5 U	5 U	5 U
BENZENE	0.5	5	NS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
BROMODICHLOROMETHANE	0.06	0.6	NS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
BROMOMETHANE	1	10	NS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
CARBON DISULFIDE	200	1000	NS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
CARBON TETRACHLORIDE	0.5	5	NS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
CFC-11	--	--	NS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
CFC-12	--	--	NS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
CHLORINATED FLUOROCARBON	--	--	NS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
CHLOROBENZENE	--	--	NS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
CHLOROBROMOMETHANE	--	--	NS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
CHLORODIBROMOMETHANE	6	60	NS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
CHLOROETHANE	80	400	NS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
CHLOROFORM	0.6	6	NS	0.5 U	21 U	0.5 U	0.5 U	0.5 U
CHLOROMETHANE	0.3	3	NS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
CIS-1,2-DICHLOROETHENE	7	70	NS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
CIS-1,3-DICHLOROPROPENE	0.02	0.2	NS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
CYCLOHEXANE	--	--	NS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
DICHLOROMETHANE	0.5	5	NS	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ
ETHYLBENZENE	140	700	NS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
ISOPROPYLBENZENE	--	--	NS	0.5 U	0.5 U	0.5 UJ	0.5 UJ	0.5 U
M-DICHLOROBENZENE	125	1250	NS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
METHYL ACETATE	--	--	NS	0.5 R	0.5 R	0.5 R	0.5 R	0.5 R
METHYL N-BUTYL KETONE	--	--	NS	5 U	5 U	5 U	5 U	5 U
METHYL TERT-BUTYL ETHER	--	--	NS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
METHYLBENZENE	200	1000	NS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
METHYLCYLOHEXANE	--	--	NS	0.5 U	0.5 U	0.5 UJ	0.5 UJ	0.5 U
STYRENE (MONOMER)	10	10	NS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
TETRACHLOROETHENE	0.5	5	NS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
TRANS-1,2-DICHLOROETHENE	20	100	NS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
TRANS-1,3-DICHLOROPROPENE	0.02	0.2	NS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
TRIBOMOMETHANE	0.44	4.4	NS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
TRICHLOROETHYLENE	0.5	5	NS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
VINYL CHLORIDE	0.02	0.2	NS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
XYLENES (TOTAL)	1000	10000	NS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U

U = Non detect
J = Estimated Quantity
-- = none listed
(F) = indicates the sample was filtered
Bold, Underlined, Italicized indicates the concentration exceeds the Wisconsin Preventative Action Limit
Highlighted = exceeds Wisconsin ES
n/a = not applicable
NS = not sampled
R = Rejected Data

Table 3-1
Scrap Processing
Groundwater Sampling Analytical Results
VOCs
Medford, Wisconsin

Sample Location	Wisc PAL	Wisc ES	MP4	MP5	MP6	MP7	MP8	MP9D
U.S. EPA Sample ID			E0047	E0033	E0044	E0039	E0051	E0042
Sample Date			2/13/02	2/11/02	2/12/02	2/11/02	2/13/02	2/11/02
VOLATILE COMPOUNDS (ug/L								
1,1,1-TRICHLOROETHANE	40	200	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2,2-TETRACHLOROETHANE	0.02	0.2	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2-TRICHLOROETHANE	0.5	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-DICHLOROETHANE	85	850	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-DICHLOROETHYLENE	0.7	7	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2,3-TRICHLOROBENZENE	--	--	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2,4-TRICHLOROBENZENE	14	70	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-DIBROMO-3-CHLOROPROPANE	0.02	0.2	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-DIBROMOETHANE	0.005	0.5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-DICHLOROBENZENE	60	600	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-DICHLOROETHANE	0.5	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-DICHLOROPROPANE	0.5	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,4-DICHLOROBENZENE	15	75	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
2-BUTANONE	--	--	5 U	5 U	5 U	5 U	5 U	5 U
4-METHYL-2-PENTANONE	--	--	5 U	5 U	5 U	5 U	5 U	5 U
ACETONE	200	1000	5 U	5 U	5 U	5 U	5 U	5 U
BENZENE	0.5	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
BROMODICHLOROMETHANE	0.06	0.6	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
BROMOMETHANE	1	10	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
CARBON DISULFIDE	200	1000	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
CARBON TETRACHLORIDE	0.5	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
CFC-11	--	--	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
CFC-12	--	--	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
CHLORINATED FLUOROCARBON	--	--	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
CHLOROBENZENE	--	--	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
CHLOROBROMOMETHANE	--	--	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
CHLORODIBROMOMETHANE	6	60	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
CHLOROETHANE	80	400	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
CHLOROFORM	0.6	6	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	22 U
CHLOROMETHANE	0.3	3	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
CIS-1,2-DICHLOROETHENE	7	70	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
CIS-1,3-DICHLOROPROPENE	0.02	0.2	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
CYCLOHEXANE	--	--	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
DICHLOROMETHANE	0.5	5	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ
ETHYLBENZENE	140	700	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
ISOPROPYLBENZENE	--	--	0.5 U	0.5 UJ	0.5 UJ	0.5 UJ	0.5 U	0.5 UJ
M-DICHLOROBENZENE	125	1250	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
METHYL ACETATE	--	--	0.5 R	0.5 R	0.5 R	0.5 R	0.5 R	0.5 R
METHYL N-BUTYL KETONE	--	--	5 U	5 U	5 U	5 U	5 U	5 U
METHYL TERT-BUTYL ETHER	--	--	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
METHYLBENZENE	200	1000	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
METHYLCYLOHEXANE	--	--	0.5 U	0.5 UJ	0.5 UJ	0.5 UJ	0.5 U	0.5 UJ
STYRENE (MONOMER)	10	10	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
TETRACHLOROETHENE	0.5	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
TRANS-1,2-DICHLOROETHENE	20	100	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
TRANS-1,3-DICHLOROPROPENE	0.02	0.2	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
TRIBOMOMETHANE	0.44	4.4	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
TRICHLOROETHYLENE	0.5	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
VINYL CHLORIDE	0.02	0.2	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
XYLENES (TOTAL)	1000	10000	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U

U = Non detect
J = Estimated Quantity
-- = none listed
n/a = not applicable
NS = not sampled
R = Rejected Data
(F) = indicates the sample was filtered
Bold, Underlined, Italicized indicates the concentration exceeds the Wisconsin Preventative Action Limit
Highlighted = exceeds Wisconsin ES

Table 3-1
Scrap Processing
Groundwater Sampling Analytical Results
VOCs
Medford, Wisconsin

Sample Location	Wisc PAL	Wisc ES	MP9D-DP	MP9S	MW1D	MW1S	MW2S	MW2S-DP
U S EPA Sample ID			E0038	E0037	n/a	E0053	E0049	E0050
Sample Date			2/11/02	2/11/02	n/a	2/13/02	2/13/02	2/13/02
VOLATILE COMPOUNDS (ug/L								
1,1,1-TRICHLOROETHANE	40	200	0.5 U	0.5 U	NS	0.5 U	0.5 U	0.5 U
1,1,2,2-TETRACHLOROETHANE	0.02	0.2	0.5 U	0.5 U	NS	0.5 U	0.5 U	0.5 U
1,1,2-TRICHLOROETHANE	0.5	5	0.5 U	0.5 U	NS	0.5 U	0.5 U	0.5 U
1,1-DICHLOROETHANE	85	850	0.5 U	0.5 U	NS	0.5 U	0.5 U	0.5 U
1,1-DICHLOROETHYLENE	0.7	7	0.5 U	0.5 U	NS	0.5 U	0.5 U	0.5 U
1,2,3-TRICHLOROBENZENE	--	--	0.5 U	0.5 U	NS	0.5 U	0.5 U	0.5 U
1,2,4-TRICHLOROBENZENE	14	70	0.5 U	0.5 U	NS	0.5 U	0.5 U	0.5 U
1,2-DIBROMO-3-CHLOROPROPANE	0.02	0.2	0.5 U	0.5 U	NS	0.5 U	0.5 U	0.5 U
1,2-DIBROMOETHANE	0.005	0.5	0.5 U	0.5 U	NS	0.5 U	0.5 U	0.5 U
1,2-DICHLOROBENZENE	60	600	0.5 U	0.5 U	NS	0.5 U	0.5 U	0.5 U
1,2-DICHLOROETHANE	0.5	5	0.5 U	0.5 U	NS	0.5 U	0.5 U	0.5 U
1,2-DICHLOROPROPANE	0.5	5	0.5 U	0.5 U	NS	0.5 U	0.5 U	0.5 U
1,4-DICHLOROBENZENE	15	75	0.5 U	0.5 U	NS	0.5 U	0.5 U	0.5 U
2-BUTANONE	--	--	5 U	5 U	NS	5 U	5 U	5 U
4-METHYL-2-PENTANONE	--	--	5 U	5 U	NS	5 U	5 U	5 U
ACETONE	200	1000	5 U	5 U	NS	5 U	5 U	5 U
BENZENE	0.5	5	0.5 U	0.5 U	NS	0.5 U	0.5 U	0.5 U
BROMODICHLOROMETHANE	0.06	0.6	0.5 U	0.5 U	NS	0.5 U	0.5 U	0.5 U
BROMOMETHANE	1	10	0.5 U	0.5 U	NS	0.5 U	0.5 U	0.5 U
CARBON DISULFIDE	200	1000	0.5 U	0.5 U	NS	0.5 U	0.5 U	0.5 U
CARBON TETRACHLORIDE	0.5	5	0.5 U	0.5 U	NS	0.5 U	0.5 U	0.5 U
CFC-11	--	--	0.5 U	0.5 U	NS	0.5 U	0.5 U	0.5 U
CFC-12	--	--	0.5 U	0.5 U	NS	0.5 U	0.5 U	0.5 U
CHLORINATED FLUOROCARBON	--	--	0.5 U	0.5 U	NS	0.5 U	0.5 U	0.5 U
CHLOROBENZENE	--	--	0.5 U	0.5 U	NS	0.5 U	0.5 U	0.5 U
CHLOROBROMOMETHANE	--	--	0.5 U	0.5 U	NS	0.5 U	0.5 U	0.5 U
CHLORODIBROMOMETHANE	6	60	0.5 U	0.5 U	NS	0.5 U	0.5 U	0.5 U
CHLOROETHANE	80	400	0.5 U	0.5 U	NS	0.5 U	0.5 U	0.5 U
CHLOROFORM	0.6	6	0.5 U	0.5 U	NS	0.5 U	0.5 U	0.5 U
CHLOROMETHANE	0.3	3	0.5 U	0.5 U	NS	0.5 U	0.5 U	0.5 U
CIS-1,2-DICHLOROETHENE	7	70	0.5 U	0.5 U	NS	0.5 U	0.5 U	0.5 U
CIS-1,3-DICHLOROPROPENE	0.02	0.2	0.5 U	0.5 U	NS	0.5 U	0.5 U	0.5 U
CYCLOHEXANE	--	--	0.5 U	0.5 U	NS	0.5 U	0.5 U	0.5 U
DICHLOROMETHANE	0.5	5	0.5 UJ	0.5 UJ	NS	0.5 UJ	0.5 UJ	0.5 UJ
ETHYLBENZENE	140	700	0.5 U	0.5 U	NS	0.5 U	0.5 U	0.5 U
ISOPROPYLBENZENE	--	--	0.5 UJ	0.5 UJ	NS	0.5 U	0.5 U	0.5 U
M-DICHLOROBENZENE	125	1250	0.5 U	0.5 U	NS	0.5 U	0.5 U	0.5 U
METHYL ACETATE	--	--	0.5 R	0.5 R	NS	0.5 R	0.5 R	0.5 R
METHYL N-BUTYL KETONE	--	--	5 U	5 U	NS	5 U	5 U	5 U
METHYL TERT-BUTYL ETHER	--	--	0.5 U	0.5 U	NS	0.5 U	0.5 U	0.5 U
METHYLBENZENE	200	1000	0.5 U	0.5 U	NS	0.5 U	0.5 U	0.5 U
METHYLCYLOHEXANE	--	--	0.5 UJ	0.5 UJ	NS	0.5 U	0.5 U	0.5 U
STYRENE (MONOMER)	10	10	0.5 U	0.5 U	NS	0.5 U	0.5 U	0.5 U
TETRACHLOROETHENE	0.5	5	0.5 U	0.5 U	NS	***2.6***	0.5 U	0.5 U
TRANS-1,2-DICHLOROETHENE	20	100	0.5 U	0.5 U	NS	0.5 U	0.5 U	0.5 U
TRANS-1,3-DICHLOROPROPENE	0.02	0.2	0.5 U	0.5 U	NS	0.5 U	0.5 U	0.5 U
TRIBOMOMETHANE	0.44	4.4	0.5 U	0.5 U	NS	0.5 U	0.5 U	0.5 U
TRICHLOROETHYLENE	0.5	5	0.5 U	0.5 U	NS	***1.7***	0.5 U	0.5 U
VINYL CHLORIDE	0.02	0.2	0.5 U	0.5 U	NS	0.5 U	0.5 U	0.5 U
XYLENES (TOTAL)	1000	10000	0.5 U	0.5 U	NS	0.5 U	0.5 U	0.5 U

U = Non detect
J = Estimated Quantity
-- = none listed
n/a = not applicable
NS = not sampled
R = Rejected Data
(F) = indicates the sample was filtered
Bold, Underlined, Italicized indicates the concentration exceeds the Wisconsin Preventative Action Limit
Highlighted = exceeds Wisconsin ES

Table 3-1
Scrap Processing
Groundwater Sampling Analytical Results
VOCs
Medford, Wisconsin

Sample Location			MW3D	MW3S	MW4S	MW10D	FB01	TB01
U S EPA Sample ID	Wisc		E0034	E0052	E0045	n/a	E0035	E0054
Sample Date	PAL	Wisc. ES	2/11/02	2/13/02	2/11/02	n/a	2/11/02	2/12/02
VOLATILE COMPOUNDS (ug/L								
1,1,1-TRICHLOROETHANE	40	200	0.5 U	0.5 U	0.5 U	NS	0.5 U	0.5 U
1,1,2,2-TETRACHLOROETHANE	0.02	0.2	0.5 U	0.5 U	0.5 U	NS	0.5 U	0.5 U
1,1,2-TRICHLOROETHANE	0.5	5	0.5 U	0.5 U	0.5 U	NS	0.5 U	0.5 U
1,1-DICHLOROETHANE	85	850	0.5 U	0.5 U	0.5 U	NS	0.5 U	0.5 U
1,1-DICHLOROETHYLENE	0.7	7	0.5 U	0.5 U	0.5 U	NS	0.5 U	0.5 U
1,2,3-TRICHLOROBENZENE	--	--	0.5 U	0.5 U	0.5 U	NS	0.5 U	0.5 U
1,2,4-TRICHLOROBENZENE	14	70	0.5 U	0.5 U	0.5 U	NS	0.5 U	0.5 U
1,2-DIBROMO-3-CHLOROPROPANE	0.02	0.2	0.5 U	0.5 U	0.5 U	NS	0.5 U	0.5 U
1,2-DIBROMOETHANE	0.005	0.5	0.5 U	0.5 U	0.5 U	NS	0.5 U	0.5 U
1,2-DICHLOROBENZENE	60	600	0.5 U	0.5 U	0.5 U	NS	0.5 U	0.5 U
1,2-DICHLOROETHANE	0.5	5	0.5 U	0.5 U	0.5 U	NS	0.5 U	0.5 U
1,2-DICHLOROPROPANE	0.5	5	0.5 U	0.5 U	0.5 U	NS	0.5 U	0.5 U
1,4-DICHLOROBENZENE	15	75	0.5 U	0.5 U	0.5 U	NS	0.5 U	0.5 U
2-BUTANONE	--	--	5 U	5 U	5 U	NS	5 U	5 U
4-METHYL-2-PENTANONE	--	--	5 U	5 U	5 U	NS	5 U	5 U
ACETONE	200	1000	5 U	5 U	5 U	NS	5 U	5 U
BENZENE	0.5	5	0.5 U	0.5 U	0.5 U	NS	0.5 U	0.5 U
BROMODICHLOROMETHANE	0.06	0.6	0.5 U	0.5 U	0.5 U	NS	0.5 U	0.5 U
BROMOMETHANE	1	10	0.5 U	0.5 U	0.5 U	NS	0.5 U	0.5 U
CARBON DISULFIDE	200	1000	0.5 U	0.5 U	0.5 U	NS	0.5 U	0.5 U
CARBON TETRACHLORIDE	0.5	5	0.5 U	0.5 U	0.5 U	NS	0.5 U	0.5 U
CFC-11	--	--	0.5 U	0.5 U	0.5 U	NS	0.5 U	0.5 U
CFC-12	--	--	0.5 U	0.5 U	0.5 U	NS	0.5 U	0.5 U
CHLORINATED FLUOROCARBON	--	--	0.5 U	0.5 U	0.5 U	NS	0.5 U	0.5 U
CHLOROBENZENE	--	--	0.5 U	0.5 U	0.5 U	NS	0.5 U	0.5 U
CHLOROBROMOMETHANE	--	--	0.5 U	0.5 U	0.5 U	NS	0.5 U	0.5 U
CHLORODIBROMOMETHANE	6	60	0.5 U	0.5 U	0.5 U	NS	0.5 U	0.5 U
CHLOROETHANE	80	400	0.5 U	0.5 U	0.5 U	NS	0.5 U	0.5 U
CHLOROFORM	0.6	6	0.5 U	0.5 U	0.5 U	NS	***22*** D	***22*** D
CHLOROMETHANE	0.3	3	0.5 U	0.5 U	0.5 U	NS	0.5 U	0.5 U
CIS-1,2-DICHLOROETHENE	7	70	0.5 U	0.5 U	0.5 U	NS	0.5 U	0.5 U
CIS-1,3-DICHLOROPROPENE	0.02	0.2	0.5 U	0.5 U	0.5 U	NS	0.5 U	0.5 U
CYCLOHEXANE	--	--	0.5 U	0.5 U	0.5 U	NS	0.5 U	0.5 U
DICHLOROMETHANE	*0.5*	*5*	0.5 UJ	0.5 UJ	0.5 UJ	NS	0.26 J	1.1 J
ETHYLBENZENE	140	700	0.5 U	0.5 U	0.5 U	NS	0.5 U	0.5 U
ISOPROPYLBENZENE	--	--	0.5 UJ	0.5 U	0.5 UJ	NS	0.5 UJ	0.5 UJ
M-DICHLOROBENZENE	125	1250	0.5 U	0.5 U	0.5 U	NS	0.5 U	0.5 U
METHYL ACETATE	--	--	0.5 R	0.5 R	0.5 R	NS	0.5 R	0.5 R
METHYL N-BUTYL KETONE	--	--	5 U	5 U	5 U	NS	5 U	5 U
METHYL TERT-BUTYL ETHER	--	--	0.5 U	0.5 U	0.5 U	NS	0.5 U	0.5 U
METHYLBENZENE	200	1000	0.5 U	0.5 U	0.5 U	NS	0.5 U	0.5 U
METHYLCYLOHEXANE	--	--	0.5 UJ	0.5 U	0.5 UJ	NS	0.5 UJ	0.5 UJ
STYRENE (MONOMER)	10	10	0.5 U	0.5 U	0.5 U	NS	0.5 UJ	0.5 UJ
TETRACHLOROETHENE	0.5	5	0.5 U	0.5 U	0.5 U	NS	0.5 U	0.5 U
TRANS-1,2-DICHLOROETHENE	20	100	0.5 U	0.5 U	0.5 U	NS	0.5 U	0.5 U
TRANS-1,3-DICHLOROPROPENE	0.02	0.2	0.5 U	0.5 U	0.5 U	NS	0.5 U	0.5 U
TRIBOMOMETHANE	0.44	4.4	0.5 U	0.5 U	0.5 U	NS	0.5 U	0.5 U
TRICHLOROETHYLENE	0.5	5	0.5 U	0.5 U	0.5 U	NS	0.5 U	0.5 U
VINYL CHLORIDE	0.02	0.2	0.5 U	0.5 U	0.5 U	NS	0.5 U	0.5 U
XYLENES (TOTAL)	1000	10000	0.5 U	0.5 U	0.5 U	NS	0.5 U	0.5 U

U = Non detect
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Table 3-1
Scrap Processing
Groundwater Sampling Analytical Results
VOCs
Medford, Wisconsin

Sample Location			FB02	TB02
U.S EPA Sample ID	Wisc		E0043	E0054
Sample Date	PAL	Wisc ES	2/12/02	2/14/02
VOLATILE COMPOUNDS (ug/L				
1,1,1-TRICHLOROETHANE	40	200	0.5 U	0.5 U
1,1,2,2-TETRACHLOROETHANE	0.02	0.2	0.5 U	0.5 U
1,1,2-TRICHLOROETHANE	0.5	5	0.5 U	0.5 U
1,1-DICHLOROETHANE	85	850	0.5 U	0.5 U
1,1-DICHLOROETHYLENE	0.7	7	0.5 U	0.5 U
1,2,3-TRICHLOROBENZENE	--	--	0.5 U	0.5 U
1,2,4-TRICHLOROBENZENE	14	70	0.5 U	0.5 U
1,2-DIBROMO-3-CHLOROPROPANE	0.02	0.2	0.5 U	0.5 U
1,2-DIBROMOETHANE	0.005	0.5	0.5 U	0.5 U
1,2-DICHLOROBENZENE	60	600	0.5 U	0.5 U
1,2-DICHLOROETHANE	0.5	5	0.5 U	0.5 U
1,2-DICHLOROPROPANE	0.5	5	0.5 U	0.5 U
1,4-DICHLOROBENZENE	15	75	0.5 U	0.5 U
2-BUTANONE	--	--	5 U	5 U
4-METHYL-2-PENTANONE	--	--	5 U	5 U
ACETONE	200	1000	5 U	5 U
BENZENE	0.5	5	0.5 U	0.5 U
BROMODICHLOROMETHANE	0.06	0.6	0.5 U	0.5 U
BROMOMETHANE	1	10	0.5 U	0.5 U
CARBON DISULFIDE	200	1000	0.5 U	0.5 U
CARBON TETRACHLORIDE	0.5	5	0.5 U	0.5 U
CFC-11	--	--	0.5 U	0.5 U
CFC-12	--	--	0.5 U	0.5 U
CHLORINATED FLUOROCARBON	--	--	0.5 U	0.5 U
CHLOROBENZENE	--	--	0.5 U	0.5 U
CHLOROBROMOMETHANE	--	--	0.5 U	0.5 U
CHLORODIBROMOMETHANE	6	60	0.5 U	0.5 U
CHLOROETHANE	80	400	0.5 U	0.5 U
CHLOROFORM	0.6	6	***21*** D	0.5 U
CHLOROMETHANE	0.3	3	0.5 U	0.5 U
CIS-1,2-DICHLOROETHENE	7	70	0.5 U	0.5 U
CIS-1,3-DICHLOROPROPENE	0.02	0.2	0.5 U	0.5 U
CYCLOHEXANE	--	--	0.5 U	0.5 U
DICHLOROMETHANE	0.5	5	0.5 UJ	0.5 UJ
ETHYLBENZENE	140	700	0.5 U	0.5 U
ISOPROPYLBENZENE	--	--	0.5 UJ	0.5 U
M-DICHLOROBENZENE	125	1250	0.5 U	0.5 U
METHYL ACETATE	--	--	0.5 R	0.5 R
METHYL N-BUTYL KETONE	--	--	5 U	5 U
METHYL TERT-BUTYL ETHER	--	--	0.5 U	0.5 U
METHYLBENZENE	200	1000	0.5 U	0.5 U
METHYLCYLOHEXANE	--	--	0.5 UJ	0.5 U
STYRENE (MONOMER)	10	10	0.5 UJ	0.5 U
TETRACHLOROETHENE	0.5	5	0.5 U	0.5 U
TRANS-1,2-DICHLOROETHENE	20	100	0.5 U	0.5 U
TRANS-1,3-DICHLOROPROPENE	0.02	0.2	0.5 U	0.5 U
TRIBOMOMETHANE	0.44	4.4	0.5 U	0.5 U
TRICHLOROETHYLENE	0.5	5	0.5 U	0.5 U
VINYL CHLORIDE	0.02	0.2	0.5 U	0.5 U
XYLENES (TOTAL)	1000	10000	0.5 U	0.5 U

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Table 3-2
Scrap Processing
Groundwater Sampling Analytical Results
SVOCs
Medford, Wisconsin

Sampling Location:			MBD	MP1	MP10S	MP2D	MP2S
U.S. EPA Sample ID	Wisc.	Wisc	n.a	E0048	E0055	E0036	E0040
Sample Date:	PAL	ES	n.a	2/13/02	2/14/02	2/11/02	2/11/02
SEMIVOLATIVE COMPOUNDS (ug/L)							
1,1'-Biphenyl	--	--	NS	5 U	5 U	5 UJ	5 U
1,2,4,5-TETRACHLOROBENZENE	--	--	NS	5 U	5 U	5 U	5 U
1,2-BENZPHENANTHRACENE	0.02	0.2	NS	5 U	5 U	5 U	5 U
2,2'-oxybis(1-Chloropropane)	--	--	NS	5 U	5 U	5 U	5 U
2,4,5-TRICHLOROPHENOL	--	--	NS	20 UJ	20 UJ	20 UJ	20 UJ
2,4,6-Trichlorophenol	--	--	NS	5 U	5 U	5 U	5 U
2,4-DICHLOROPHENOL	--	--	NS	5 U	5 U	5 U	5 U
2,4-DIMETHYLPHENOL	--	--	NS	5 UJ	5 UJ	5 UJ	5 U
2,4-DINITROPHENOL	--	--	NS	20 UJ	20 UJ	20 UJ	20 UJ
2,4-DINITROTOLUENE	0.005	0.05	NS	5 U	5 U	5 U	5 U
2,6-DINITROTOLUENE	--	--	NS	5 U	5 U	5 U	5 U
2-CHLORONAPHTHALENE	--	--	NS	5 U	5 U	5 U	5 U
2-CHLOROPHENOL	--	--	NS	5 U	5 U	5 U	5 U
2-METHYLNAPHTHALENE	--	--	NS	5 U	5 U	5 U	5 U
2-Methylphenol	--	--	NS	5 UJ	5 UJ	5 UJ	5 U
2-NITROANILINE	--	--	NS	20 U	20 U	20 U	20 U
2-NITROPHENOL	--	--	NS	5 UJ	5 U	5 U	5 U
3,3'-DICHLOROBENZIDINE	--	--	NS	5 UJ	5 U	5 U	5 U
3,5,5-TRIMETHYL-2-CYCLOHEXENE-1-ONE	--	--	NS	5 U	5 U	5 U	5 U
3-NITROANILINE	--	--	NS	20 U	20 U	20 U	20 U
4,6-Dinitro-2-methylphenol	--	--	NS	20 UJ	20 U	20 U	20 U
4-BROMOPHENYL PHENYL ETHER	--	--	NS	5 U	5 U	5 UJ	5 U
4-Chloro-3-methylphenol	--	--	NS	5 U	5 U	5 U	5 U
4-CHLOROPHENYL PHENYL ETHER	--	--	NS	5 U	5 U	5 UJ	5 U
4-Methylphenol	--	--	NS	5 UJ	5 UJ	5 UJ	5 U
4-NITROPHENOL	--	--	NS	20 U	20 U	20 U	20 U
Acenaphthene	--	--	NS	5 U	5 U	5 U	5 U
ACENAPHTHYLENE	--	--	NS	5 U	5 U	5 U	5 U
ACETOPHENONE	--	--	NS	5 U	5 U	5 U	5 U
ANTHRACENE	600	3000	NS	5 U	5 U	5 U	5 U
ATRAZINE	--	--	NS	5 UJ	5 U	5 U	5 U
BENZALDEHYDE	--	--	NS	5 U	5 U	5 U	5 U
Benzo(a)anthracene	--	--	NS	5 U	5 U	5 U	5 U
Benzo(a)pyrene	0.02	0.2	NS	5 U	5 U	5 U	5 U
Benzo(b)fluoranthene	0.02	0.2	NS	5 U	5 U	5 U	5 U
Benzo(g,h,i)perylene	--	--	NS	5 U	5 U	5 U	5 U
BENZYL BUTYL PHTHALATE	--	--	NS	5 UJ	5 U	5 UJ	5 U
bis(2-Chloroethoxy)methane	--	--	NS	5 U	5 U	5 U	5 U
bis-(2-Chloroethyl) ether	--	--	NS	5 U	5 U	5 U	5 U
bis(2-Ethylhexyl)phthalate	--	--	NS	5 UJ	5 U	5 UJ	5 U
Benzo(k)fluoranthene	--	--	NS	5 U	5 U	5 U	5 U

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Table 3-2
Scrap Processing
Groundwater Sampling Analytical Results
SVOCs
Medford, Wisconsin

Sampling Location	Wisc. PAL	Wisc ES	MBD	MP1	MP10S	MP2D	MP2S
U.S. EPA Sample ID			n/a	E0048	E0055	E0036	E0040
Sample Date			n/a	2/13/02	2/14/02	2/11/02	2/11/02
Semivolatile (ug/L)							
CAPROLACTAM	--	--	NS	5 U	5 U	5 UJ	5 U
DIBENZO(A,H)ANTHRACENE	--	--	NS	5 U	5 U	5 U	5 U
DIBENZOFURAN	--	--	NS	5 U	5 U	5 UJ	5 U
DIETHYL PHTHALATE	--	--	NS	5.2 U	5 U	5 UJ	5 U
DIMETHYL PHTHALATE	--	--	NS	5 U	5 U	5 UJ	5 U
DI-N-BUTYLPHTHALATE	--	--	NS	5 U	5 U	5 UJ	5 U
DI-N-OCTYLPHTHALATE	--	--	NS	5 UJ	5 UJ	5 UJ	5 UJ
FLUORANTHENE	80	400	NS	5 U	5 U	5 U	5 U
FLUORENE	80	400	NS	5 U	5 U	5 UJ	5 U
HEXACHLORO-1,3-BUTADIENE	--	--	NS	5 U	5 U	5 U	5 U
HEXACHLOROBENZENE	0.1	1	NS	5 U	5 U	5 U	5 U
HEXACHLOROCYCLOPENTADIENE	--	--	NS	5 U	5 U	5 U	5 U
HEXACHLOROETHANE	--	--	NS	5 U	5 U	5 U	5 U
INDENO(1,2,3-CD)PYRENE	--	--	NS	5 U	5 U	5 U	5 U
NAPHTHALENE	8	40	NS	5 U	5 U	5 U	5 U
NITROBENZENE	--	--	NS	5 U	5 U	5 U	5 U
N-NITROSO-DI-N-PROPYLAMINE	--	--	NS	5 U	5 UJ	5 U	5 U
N-NITROSODIPHENYLAMINE	0.7	7	NS	5 U	5 U	5 U	5 U
P-CHLOROANILINE	--	--	NS	5 U	5 U	5 U	5 U
PENTACHLOROPHENOL	0.1	1	NS	5 U	5 U	5 U	5 U
PHENANTHRENE	--	--	NS	5 U	5 U	5 U	5 U
PHENOL	1200	6000	NS	5 U	5 U	5 U	5 U
P-NITROANILINE	--	--	NS	20 U	20 U	20 U	20 U
PYRENE	50	250	NS	5 U	5 U	5 U	5 U

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Table 3-2
Scrap Processing
Groundwater Sampling Analytical Results
SVOCs
Medford, Wisconsin

Sampling Location			MP3	MP4	MP5	MP6	MP7
U.S. EPA Sample ID	Wisc.	Wisc	E0046	E0047	E0033	E0044	E0039
Sample Date	PAL	ES	2/13/02	2/13/02	2/11/02	2/12/02	2/11/02
SEMIVOLATIVE COMPOUNDS (ug/L)							
1,1'-Biphenyl	--	--	5 U	5 U	5 U	5 U	5 U
1,2,4,5-TETRACHLOROBENZENE	--	--	5 U	5 U	5 U	5 U	5 U
1,2-BENZPHENANTHRACENE	*0.02*	*0.2*	5 U	5 U	5 U	5 U	5 U
2,2'-oxybis(1-Chloropropane)	--	--	5 U	5 U	5 U	5 U	5 U
2,4,5-TRICHLOROPHENOL	--	--	20 UJ	20 UJ	20 UJ	20 UJ	20 UJ
2,4,6-Trichlorophenol	--	--	5 U	5 U	5 U	5 U	5 U
2,4-DICHLOROPHENOL	--	--	5 U	5 U	5 U	5 U	5 U
2,4-DIMETHYLPHENOL	--	--	5 U	5 UJ	5 UJ	5 U	5 UJ
2,4-DINITROPHENOL	--	--	20 UJ	20 UJ	20 UJ	20 UJ	20 UJ
2,4-DINITROTOLUENE	0.005	0.05	5 U	5 U	5 U	5 U	5 U
2,6-DINITROTOLUENE	--	--	5 U	5 U	5 U	5 U	5 U
2-CHLORONAPHTHALENE	--	--	5 U	5 U	5 U	5 U	5 U
2-CHLOROPHENOL	--	--	5 U	5 U	5 U	5 U	5 U
2-METHYLNAPHTHALENE	--	--	5 U	5 U	5 U	5 U	5 U
2-Methylphenol	--	--	5 U	5 UJ	5 U	5 U	5 UJ
2-NITROANILINE	--	--	20 U	20 U	20 U	20 U	20 U
2-NITROPHENOL	--	--	5 UJ	5 UJ	5 U	5 U	5 U
3,3'-DICHLOROBENZIDINE	--	--	5 UJ	5 UJ	5 U	5 U	5 U
3,5,5-TRIMETHYL-2-CYCLOHEXENE-1-ONE	--	--	5 U	5 U	5 U	5 U	5 U
3-NITROANILINE	--	--	20 U	20 U	20 U	20 U	20 U
4,6-Dinitro-2-methylphenol	--	--	20 U	20 U	20 U	20 U	20 U
4-BROMOPHENYL PHENYL ETHER	--	--	5 U	5 U	5 U	5 U	5 U
4-Chloro-3-methylphenol	--	--	5 U	5 U	5 U	5 U	5 U
4-CHLOROPHENYL PHENYL ETHER	--	--	5 U	5 U	5 U	5 U	5 U
4-Methylphenol	--	--	5 U	5 UJ	5 UJ	5 U	5 UJ
4-NITROPHENOL	--	--	20 U	20 U	20 U	20 U	20 U
Acenaphthene	--	--	5 U	5 U	5 U	5 U	5 U
ACENAPHTHYLENE	--	--	5 U	5 U	5 U	5 U	5 U
ACETOPHENONE	--	--	5 U	5 U	5 U	5 U	5 U
ANTHRACENE	600	3000	5 U	5 U	5 U	5 U	5 U
ATRAZINE	--	--	5 UJ	5 UJ	5 U	5 U	5 U
BENZALDEHYDE	--	--	5 U	5 U	5 U	5 U	5 U
Benzo(a)anthracene	--	--	5 U	5 U	5 U	5 U	5 U
Benzo(a)pyrene	0.02	0.2	5 U	5 U	5 U	5 U	5 U
Benzo(b)fluoranthene	0.02	0.2	5 U	5 U	5 U	5 U	5 U
Benzo(g,h,i)perylene	--	--	5 U	5 U	5 U	5 U	5 U
BENZYL BUTYL PHTHALATE	--	--	5 UJ	5 UJ	5 U	5 U	5 U
bis(2-Chloroethoxy)methane	--	--	5 U	5 U	5 U	5 U	5 U
bis-(2-Chloroethyl) ether	--	--	5 U	5 U	5 U	5 U	5 U
bis(2-Ethylhexyl)phthalate	--	--	5 UJ	5 UJ	5 U	5 U	5 U
Benzo(k)fluoranthene	--	--	5 U	5 U	5 U	5 U	5 U

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Table 3-2
Scrap Processing
Groundwater Sampling Analytical Results
SVOCs
Medford, Wisconsin

Sampling Location	Wisc. PAL	Wisc ES	MP3	MP4	MP5	MP6	MP7
U.S EPA Sample ID			E0046	E0047	E0035	E0044	E0039
Sample Date.			2/13/02	2/13/02	2/11/02	2/12/02	2/11/02
Semivolatile (ug/L)							
CAPROLACTAM	--	--	5 U	5 U	5 U	5 U	5 U
DIBENZO(A,H)ANTHRACENE	--	--	5 U	5 U	5 U	5 U	5 U
DIBENZOFURAN	--	--	5 U	5 U	5 U	5 U	5 U
DIETHYL PHTHALATE	--	--	9.2 U	0.2 U	5 U	5 U	5 U
DIMETHYL PHTHALATE	--	--	5 U	5 U	5 U	5 U	5 U
DI-N-BUTYLPHTHALATE	--	--	5 U	5 UJ	5 UJ	5 U	5 U
DI-N-OCTYLPHTHALATE	--	--	5 UJ	5 U	5 UJ	5 UJ	5 UJ
FLUORANTHENE	80	400	5 U	5 U	5 U	5 U	5 U
FLUORENE	80	400	5 U	5 U	5 U	5 U	5 U
HEXACHLORO-1,3-BUTADIENE	--	--	5 U	5 U	5 U	5 U	5 U
HEXACHLOROBENZENE	0.1	1	5 U	5 U	5 U	5 U	5 U
HEXACHLOROCYCLOPENTADIENE	--	--	5 U	5 U	5 U	5 U	5 U
HEXACHLOROETHANE	--	--	5 U	5 U	5 U	5 U	5 U
INDENO(1,2,3-CD)PYRENE	--	--	5 U	5 U	5 U	5 U	5 U
NAPHTHALENE	8	40	5 U	5 U	5 U	5 U	5 U
NITROBENZENE	--	--	5 U	5 U	5 U	5 U	5 U
N-NITROSO-DI-N-PROPYLAMINE	--	--	5 U	5 U	5 U	5 U	5 U
N-NITROSODIPHENYLAMINE	0.7	7	5 U	5 U	5 U	5 U	5 U
P-CHLOROANILINE	--	--	5 U	5 U	5 U	5 U	5 U
PENTACHLOROPHENOL	0.1	1	5 U	5 U	5 U	5 U	5 U
PHENANTHRENE	--	--	5 U	5 U	5 U	5 U	5 U
PHENOL	1200	6000	5 U	5 U	5 U	5 U	5 U
P-NITROANILINE	--	--	20 U	20 U	20 U	20 U	20 U
PYRENE	50	250	5 U	5 U	5 U	5 U	5 U

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Table 3-2
Scrap Processing
Groundwater Sampling Analytical Results
SVOCs
Medford, Wisconsin

Sampling Location	Wisc PAL	Wisc ES	MP8	MP9D	MP9D-DP	MP9S	MW ID
U.S. EPA Sample ID			E0051	E0042	E0043	E0037	n a
Sample Date.			2-13/02	2.11 02	2 11:02	2 11 02	n a
SEMIVOLATIVE COMPOUNDS (ug/L)							
1,1'-Biphenyl	--	--	5 U	5 U	5 U	5 U	NS
1,2,4,5-TETRACHLOROBENZENE	--	--	5 U	5 U	5 U	5 U	NS
1,2-BENZPHENANTHRACENE	0.02	0.2	5 U	5 U	5 U	5 U	NS
2,2'-oxybis(1-Chloropropane)	--	--	5 U	5 U	5 U	5 U	NS
2,4,5-TRICHLOROPHENOL	--	--	20 UJ	20 UJ	20 UJ	20 UJ	NS
2,4,6-Trichlorophenol	--	--	5 U	5 U	5 U	5 U	NS
2,4-DICHLOROPHENOL	--	--	5 U	5 U	5 U	5 U	NS
2,4-DIMETHYLPHENOL	--	--	5 U	5 U	5 U	5 UJ	NS
2,4-DINITROPHENOL	--	--	20 UJ	20 UJ	20 UJ	20 UJ	NS
2,4-DINITROTOLUENE	0.005	0.05	5 U	5 U	5 U	5 U	NS
2,6-DINITROTOLUENE	--	--	5 U	5 U	5 U	5 U	NS
2-CHLORONAPHTHALENE	--	--	5 U	5 U	5 U	5 U	NS
2-CHLOROPHENOL	--	--	5 U	5 U	5 U	5 U	NS
2-METHYLNAPHTHALENE	--	--	5 U	5 U	5 U	5 U	NS
2-Methylphenol	--	--	5 U	5 U	5 U	5 UJ	NS
2-NITROANILINE	--	--	20 U	20 U	20 U	20 U	NS
2-NITROPHENOL	--	--	5 U	5 U	5 U	5 U	NS
3,3'-DICHLOROBENZIDINE	--	--	5 U	5 U	5 U	5 U	NS
3,5,5-TRIMETHYL-2-CYCLOHEXENE-1-ONE	--	--	5 U	5 U	5 U	5 U	NS
3-NITROANILINE	--	--	20 U	20 U	20 U	20 U	NS
4,6-Dinitro-2-methylphenol	--	--	20 U	20 U	20 U	20 U	NS
4-BROMOPHENYL PHENYL ETHER	--	--	5 U	5 U	5 U	5 U	NS
4-Chloro-3-methylphenol	--	--	5 U	5 U	5 U	5 U	NS
4-CHLOROPHENYL PHENYL ETHER	--	--	5 U	5 U	5 U	5 U	NS
4-Methylphenol	--	--	5 U	5 U	5 U	5 UJ	NS
4-NITROPHENOL	--	--	20 U	20 U	20 U	20 U	NS
Acenaphthene	--	--	5 U	5 U	5 U	5 U	NS
ACENAPHTHYLENE	--	--	5 U	5 U	5 U	5 U	NS
ACETOPHENONE	--	--	5 U	5 U	5 U	5 U	NS
ANTHRACENE	600	3000	5 U	5 U	5 U	5 U	NS
ATRAZINE	--	--	5 U	5 U	5 U	5 U	NS
BENZALDEHYDE	--	--	5 U	5 U	5 U	5 U	NS
Benzo(a)anthracene	--	--	5 U	5 U	5 U	5 U	NS
Benzo(a)pyrene	0.02	0.2	5 U	5 U	5 U	5 U	NS
Benzo(b)fluoranthene	0.02	0.2	5 U	5 U	5 U	5 U	NS
Benzo(g,h,i)perylene	--	--	5 U	5 U	5 U	5 U	NS
BENZYL BUTYL PHTHALATE	--	--	5 U	5 U	5 U	5 U	NS
bis(2-Chloroethoxy)methane	--	--	5 U	5 U	5 U	5 U	NS
bis-(2-Chloroethyl) ether	--	--	5 U	5 U	5 U	5 U	NS
bis(2-Ethylhexyl)phthalate	--	--	5 U	1.9 J	5 U	1.1 J	NS
Benzo(k)fluoranthene	--	--	5 U	5 U	5 U	5 U	NS

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Table 3-2
Scrap Processing
Groundwater Sampling Analytical Results
SVOCs
Medford, Wisconsin

Sampling Location			MP8	MP9D	MP9D-DP	MP9S	MW1D
U.S. EPA Sample ID:	Wisc.	Wisc.	E0051	E0042	E0043	E0037	n a
Sample Date.	PAL	ES	2 13:02	2'11/02	2:11/02	2 11 02	n a
Semivolatile (ug/L)							
CAPROLACTAM	--	--	5 U	5 U	5 U	5 U	NS
DIBENZO(A,H)ANTHRACENE	--	--	5 U	5 U	5 U	5 U	NS
DIBENZOFURAN	--	--	5 U	5 U	5 U	5 U	NS
DIETHYL PHTHALATE	--	--	5 UJ	5 U	5 U	5 U	NS
DIMETHYL PHTHALATE	--	--	5 U	5 U	5 U	5 U	NS
DI-N-BUTYLPHTHALATE	--	--	5 U	5 UJ	5 UJ	5 U	NS
DI-N-OCTYLPHTHALATE	--	--	5 UJ	5 UJ	5 UJ	5 UJ	NS
FLUORANTHENE	80	400	5 U	5 U	5 U	5 U	NS
FLUORENE	80	400	5 U	5 U	5 U	5 U	NS
HEXACHLORO-1,3-BUTADIENE	--	--	5 U	5 U	5 U	5 U	NS
HEXACHLOROBENZENE	0.1	1	5 U	5 U	5 U	5 U	NS
HEXACHLOROCYCLOPENTADIENE	--	--	5 U	5 U	5 U	5 U	NS
HEXACHLOROETHANE	--	--	5 U	5 U	5 U	5 U	NS
INDENO(1,2,3-CD)PYRENE	--	--	5 U	5 U	5 U	5 U	NS
NAPHTHALENE	8	40	5 U	5 U	5 U	5 U	NS
NITROBENZENE	--	--	5 U	5 U	5 U	5 U	NS
N-NITROSO-DI-N-PROPYLAMINE	--	--	5 UJ	5 U	5 U	5 U	NS
N-NITROSODIPHENYLAMINE	0.7	7	5 U	5 U	5 U	5 U	NS
P-CHLOROANILINE	--	--	5 U	5 U	5 U	5 U	NS
PENTACHLOROPHENOL	0.1	1	5 U	5 U	5 U	5 U	NS
PHENANTHRENE	--	--	5 U	5 U	5 U	5 U	NS
PHENOL	1200	6000	5 U	5 U	5 U	5 U	NS
P-NITROANILINE	--	--	20 U	20 U	20 U	20 U	NS
PYRENE	50	250	5 U	5 U	5 U	5 U	NS

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Table 3-2
Scrap Processing
Groundwater Sampling Analytical Results
SVOCs
Medford, Wisconsin

Sampling Location			MW1S	MW2S	MW2S-DP	MW3D	MW3S
U.S. EPA Sample ID	Wisc.	Wisc	E0053	E0049	E0050	E0054	E0052
Sample Date.	PAL	ES	2/13/02	2/13/02	2/13/02	2/11/02	2/11/02
SEMIVOLATIVE COMPOUNDS (ug/L)							
1,1'-Biphenyl	--	--	5 U	5 U	5 U	5 U	5 U
1,2,4,5-TETRACHLOROBENZENE	--	--	5 U	5 U	5 U	5 U	5 U
1,2-BENZPHENANTHRACENE	0.02	0.2	5 U	5 U	5 U	5 U	5 U
2,2'-oxybis(1-Chloropropane)	--	--	5 U	5 U	5 U		
2,4,5-TRICHLOROPHENOL	--	--	20 UJ	20 UJ	20 UJ	20 UJ	20 UJ
2,4,6-Trichlorophenol	--	--	5 U	5 U	5 U	5 U	5 U
2,4-DICHLOROPHENOL	--	--	5 U	5 U	5 U	5 U	5 U
2,4-DIMETHYLPHENOL	--	--	5 U	5 U	5 UJ	5 U	5 UJ
2,4-DINITROPHENOL	--	--	20 UJ	20 UJ	20 UJ	20 UJ	20 UJ
2,4-DINITROTOLUENE	0.005	0.05	5 U	5 U	5 U	5 U	5 U
2,6-DINITROTOLUENE	--	--	5 U	5 U	5 U	5 U	5 U
2-CHLORONAPHTHALENE	--	--	5 U	5 U	5 U	5 U	5 U
2-CHLOROPHENOL	--	--	5 U	5 U	5 U	5 UJ	5 U
2-METHYLNAPHTHALENE	--	--	5 U	5 U	5 U	5 U	5 U
2-Methylphenol	--	--	5 U	5 U	5 UJ	5 U	5 UJ
2-NITROANILINE	--	--	20 U	20 U	20 U	20 U	20 U
2-NITROPHENOL	--	--	5 U	5 UJ	5 UJ	5 U	5 U
3,3'-DICHLOROBENZIDINE	--	--	5 U	5 UJ	5 UJ	5 U	5 U
3,5,5-TRIMETHYL-2-CYCLOHEXENE-1-ONE	--	--	5 U	5 U	5 U	5 U	5 U
3-NITROANILINE	--	--	20 U	20 U	20 U	20 U	20 U
4,6-Dinitro-2-methylphenol	--	--	20 U	20 U	20 UJ	20 U	20 U
4-BROMOPHENYL PHENYL ETHER	--	--	5 U	5 U	5 U	5 U	5 U
4-Chloro-3-methylphenol	--	--	5 U	5 U	5 U	5 U	5 U
4-CHLOROPHENYL PHENYL ETHER	--	--	5 U	5 U	5 U	5 U	5 U
4-Methylphenol	--	--	5 U	5 U	5 UJ	5 U	5 UJ
4-NITROPHENOL	--	--	20 U	20 U	20 U	20 U	20 U
Acenaphthene	--	--	5 U	5 U	5 U	5 U	5 U
ACENAPHTHYLENE	--	--	5 U	5 U	5 U	5 U	5 U
ACETOPHENONE	--	--	5 U	5 U	5 U	5 U	5 U
ANTHRACENE	600	3000	5 U	5 U	5 U	5 U	5 U
ATRAZINE	--	--	5 U	5 UJ	5 UJ	5 U	5 U
BENZALDEHYDE	--	--	5 U	5 U	5 U	5 U	5 U
Benzo(a)anthracene	--	--	5 U	5 U	5 U	5 U	5 U
Benzo(a)pyrene	0.02	0.2	5 U	5 U	5 U	5 U	5 U
Benzo(b)fluoranthene	0.02	0.2	5 U	5 U	5 U	5 U	5 U
Benzo(g,h,i)perylene	--	--	5 U	5 U	5 U	5 U	5 U
BENZYL BUTYL PHTHALATE	--	--	5 U	5 UJ	5 U	5 U	5 U
bis(2-Chloroethoxy)methane	--	--	5 U	5 U	5 UJ	5 U	5 U
bis-(2-Chloroethyl) ether	--	--	5 U	5 U	5 U	5 U	5 U
bis(2-Ethylhexyl)phthalate	--	--	5 U	5 UJ	5 U	5 U	5 U
Benzo(k)fluoranthene	--	--	5 U	5 U	5 UJ	5 U	5 U

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Scrap Processing
Groundwater Sampling Analytical Results
SVOCs
Medford, Wisconsin

Sampling Location			MW1S	MW2S	MW2S-DP	MW3D	MW3S
U S EPA Sample ID	Wisc	Wisc	E0053	E0049		E0034	E0052
Sample Date	PAL	ES	2 13 02	2 13 02	2 13 02	2 11 02	2 13 02
Semivolatile (ug/L)							
CAPROLACTAM	--	--	5 U	5 U	5 U	5 U	5 U
DIBENZO(A,H)ANTHRACENE	--	--	5 U	5 U	5 U	5 U	5 U
DIBENZOFURAN	--	--	5 U	5 U	5 U	5 U	5 U
DIETHYL PHTHALATE	--	--	5 U	5 UJ	5 U	5 U	5 U
DIMETHYL PHTHALATE	--	--	5 U	5 U	5 U	5 U	5 U
DI-N-BUTYLPHTHALATE	--	--	5 U	5 UJ	5 UJ	5 UJ	5 U
DI-N-OCTYLPHTHALATE	--	--	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ
FLUORANTHENE	80	400	5 U	5 U	5 U	5 U	5 U
FLUORENE	80	400	5 U	5 U	5 U	5 U	5 U
HEXACHLORO-1,3-BUTADIENE	--	--	5 U	5 U	5 U	5 U	5 U
HEXACHLOROBENZENE	0 1	1	5 U	5 U	5 U	5 U	5 U
HEXACHLOROCYCLOPENTADIENE	--	--	5 U	5 U	5 U	5 U	5 U
HEXACHLOROETHANE	--	--	5 U	5 U	5 U	5 U	5 U
INDENO(1,2,3-CD)PYRENE	--	--	5 U	5 U	5 U	5 U	5 U
NAPHTHALENE	8	40	5 U	5 U	5 U	5 U	5 U
NITROBENZENE	--	--	5 U	5 U	5 U	5 U	5 U
N-NITROSO-DI-N-PROPYLAMINE	--	--	5 UJ	5 U	5 U	5 U	5 UJ
N-NITROSODIPHENYLAMINE	0 7	7	5 U	5 U	5 U	5 U	5 U
P-CHLOROANILINE	--	--	5 U	5 U	5 U	5 U	5 U
PENTACHLOROPHENOL	0 1	1	5 U	5 U	5 U	5 U	5 U
PHENANTHRENE	--	--	5 U	5 U	5 U	5 U	5 U
PHENOL	1200	6000	5 U	5 U	5 U	5 U	5 U
P-NITROANILINE	--	--	20 U	20 U	20 U	20 U	20 U
PYRENE	50	250	5 U	5 U	5 U	5 U	5 U

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Table 3-2
Scrap Processing
Groundwater Sampling Analytical Results
SVOCs
Medford, Wisconsin

Sampling Location			MW4S	MW10D	FB01	FB02
U.S. EPA Sample ID.	Wisc.	Wisc	E0045	n a	E0035	E0045
Sample Date.	PAL	ES	2'11/02	n/a	2'11/02	2 12 02
SEMIVOLATIVE COMPOUNDS (ug/L)						
1,1'-Biphenyl	--	--	5 UJ	NS	5 U	5 UJ
1,2,4,5-TETRACHLOROBENZENE	--	--	5 UJ	NS	5 U	5 U
1,2-BENZPHENANTHRACENE	0.02	0.2	5 UJ	NS	5 U	5 U
2,2'-oxybis(1-Chloropropane)	--	--	5 UJ	NS	5 U	5 U
2,4,5-TRICHLOROPHENOL	--	--	20 UJ	NS	20 UJ	20 UJ
2,4,6-Trichlorophenol	--	--	5 UJ	NS	5 U	5 U
2,4-DICHLOROPHENOL	--	--	5 UJ	NS	5 U	5 U
2,4-DIMETHYLPHENOL	--	--	5 UJ	NS	5 UJ	5 U
2,4-DINITROPHENOL	--	--	20 UJ	NS	20 UJ	20 UJ
2,4-DINITROTOLUENE	0 005	0.05	5 UJ	NS	5 U	5 U
2,6-DINITROTOLUENE	--	--	5 UJ	NS	5 U	5 U
2-CHLORONAPHTHALENE	--	--	5 UJ	NS	5 U	5 U
2-CHLOROPHENOL	--	--	5 UJ	NS	5 U	5 U
2-METHYLNAPHTHALENE	--	--	5 UJ	NS	5 U	5 U
2-Methylphenol	--	--	5 UJ	NS	5 UJ	5 U
2-NITROANILINE	--	--	20 UJ	NS	20 U	20 U
2-NITROPHENOL	--	--	5 UJ	NS	5 U	5 U
3,3'-DICHLOROBENZIDINE	--	--	5 UJ	NS	5 U	5 U
3,5,5-TRIMETHYL-2-CYCLOHEXENE-1-ONE	--	--	5 UJ	NS	5 U	5 U
3-NITROANILINE	--	--	20 UJ	NS	20 U	20 U
4,6-Dinitro-2-methylphenol	--	--	20 UJ	NS	20 U	20 U
4-BROMOPHENYL PHENYL ETHER	--	--	5 UJ	NS	5 U	5 U
4-Chloro-3-methylphenol	--	--	5 UJ	NS	5 U	5 U
4-CHLOROPHENYL PHENYL ETHER	--	--	5 UJ	NS	5 U	5 U
4-Methylphenol	--	--	5 UJ	NS	5 UJ	5 U
4-NITROPHENOL	--	--	20 UJ	NS	20 U	20 U
Acenaphthene	--	--	5 UJ	NS	5 U	5 U
ACENAPHTHYLENE	--	--	5 UJ	NS	5 U	5 U
ACETOPHENONE	--	--	5 UJ	NS	5 U	5 U
ANTHRACENE	600	3000	5 UJ	NS	5 U	5 U
ATRAZINE	--	--	5 UJ	NS	5 U	5 U
BENZALDEHYDE	--	--	5 UJ	NS	5 U	5 U
Benzo(a)anthracene	--	--	5 UJ	NS	5 U	5 U
Benzo(a)pyrene	0 02	0.2	5 UJ	NS	5 U	5 U
Benzo(b)fluoranthene	0.02	0.2	5 UJ	NS	5 U	5 U
Benzo(g,h,i)perylene	--	--	5 UJ	NS	5 U	5 U
BENZYL BUTYL PHTHALATE	--	--	5 UJ	NS	5 U	5 U
bis(2-Chloroethoxy)methane	--	--	5 UJ	NS	5 U	5 UJ
bis-(2-Chloroethyl) ether	--	--	5 UJ	NS	5 U	5 U
bis(2-Ethylhexyl)phthalate	--	--	5 UJ	NS	5 U	5 U
Benzo(k)fluoranthene	--	--	5 UJ	NS	5 U	5 UJ

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Table 3-2
Scrap Processing
Groundwater Sampling Analytical Results
SVOCs
Medford, Wisconsin

Sampling Location	Wisc PAL	Wisc ES	MW4S	MW10D	FB01	FB02
U.S. EPA Sample ID			E0045	n a	E0035	E0043
Sample Date			2 11 02	n a	2 11 02	2 12 02
Semivolatile (ug/L)						
CAPROLACTAM	--	--	5 UJ	NS	5 U	5 U
DIBENZO(A,H)ANTHRACENE	--	--	5 UJ	NS	5 U	5 U
DIBENZOFURAN	--	--	5 UJ	NS	5 U	5 U
DIETHYL PHTHALATE	--	--	5 UJ	NS	5 U	5 UJ
DIMETHYL PHTHALATE	--	--	5 UJ	NS	5 U	5 UJ
DI-N-BUTYLPHTHALATE	--	--	5 UJ	NS	5 UJ	5 UJ
DI-N-OCTYLPHTHALATE	--	--	5 UJ	NS	5 UJ	5 UJ
FLUORANTHENE	80	400	5 UJ	NS	5 U	5 U
FLUORENE	80	400	5 UJ	NS	5 U	5 U
HEXACHLORO-1,3-BUTADIENE	--	--	5 UJ	NS	5 U	5 U
HEXACHLOROBENZENE	0.1	1	5 UJ	NS	5 U	5 U
HEXACHLOROCYCLOPENTADIENE	--	--	5 UJ	NS	5 U	5 U
HEXACHLOROETHANE	--	--	5 UJ	NS	5 U	5 U
INDENO(1,2,3-CD)PYRENE	--	--	5 UJ	NS	5 U	5 U
NAPHTHALENE	8	40	5 UJ	NS	5 U	5 U
NITROBENZENE	--	--	5 UJ	NS	5 U	5 U
N-NITROSO-DI-N-PROPYLAMINE	--	--	5 UJ	NS	5 U	5 U
N-NITROSODIPHENYLAMINE	0 7	7	5 UJ	NS	5 U	5 U
P-CHLOROANILINE	--	--	5 UJ	NS	5 U	5 U
PENTACHLOROPHENOL	0.1	1	5 UJ	NS	5 U	5 U
PHENANTHRENE	--	--	5 UJ	NS	5 U	5 U
PHENOL	1200	6000	5 UJ	NS	5 U	5 U
P-NITROANILINE	--	--	20 UJ	NS	20 U	20 U
PYRENE	50	250	5 UJ	NS	5 U	5 U

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Table 3-3
Scrap Processing
Groundwater Sampling Analytical Results
Metals
Medford, Wisconsin

Sample Location			MBD	MP1	MP1 (F)	MP10S	MP10S (F)	MP2D
U.S. EPA Sample ID	Wisc	Wisc	n/a	2002ZG02S69	2002ZG02S70	2002ZG02S79	2002ZG02S80	2002ZG02S51
Sample Date	PAL	ES	n/a	2/13/02	2/13/02	2/14/02	2/14/02	2/11/02
PARAMETER (ug/L)								
ALUMINUM (FUME OR DUST)	--	--		4500	50 U	55400	156	50 U
ANTIMONY	1.2	6	NS	10 U	10 U	10 U	10 U	10 U
ARSENIC	5	50	NS	5 U	5 U	***29.4***	5 U	5 U
BARIUM	400	2000	NS	98.3	52.2	***490***	189	129
BERYLLIUM	0.4	4	NS	5 U	5 U	5 U	5 U	5 U
CADMIUM	0.5	5	NS	0.5 U	0.5 U	***1***	0.5 U	0.5 U
CALCIUM METAL	--	--	NS	14000	12500	130000	54200	43800
CHROMIUM	10	100	NS	9.8 B	5 U	***152***	5 U	5 U
COBALT	8	40	NS	5 U	5 U	***49.7***	5 U	5 U
COPPER	130	1300	NS	13.9	5 U	***186***	5 U	5 U
IRON	150	300	NS	***5610***	40 U	***109000***	***6240***	***7290***
LEAD	1.5	15	NS	***3***	2 U	***122***	2 U	2 U
MAGNESIUM	--	--	NS	5400	3970	80400	19000	12500
MANGANESE	25	50	NS	***69.6***	5.5 B	***2170***	***766***	***184***
MERCURY	0.2	2	NS	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
NICKEL	20	100	NS	16.8 B	7.5 B	***94.3***	5 U	5 U
POTASSIUM	--	--	NS	1130 B	444 B	7310	985 B	848 B
SELENIUM	10	50	NS	2 U	2 U	2 U	2 U	2 U
SILVER	10	50	NS	5 U	5 U	5 U	5 U	5 U
SODIUM	--	--	NS	33700	33900	14200	12700	8600
THALLIUM	0.4	2	NS	10 UJ	10 UJ	2 UJ	2 UJ	2 UJ
VANADIUM (FUME OR DUST)	6	30	NS	***18.7***	5 U	***224***	5 U	5 U
ZINC	2500	5000	NS	19.5 B	5 U	161	16.2 B	***3760***

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Table 3-3
Scrap Processing
Groundwater Sampling Analytical Results
Metals
Medford, Wisconsin

Sample Location	Wisc	Wisc	MP2D (F)	MP2S	MP2S (F)	MP3	MP3 (F)	MP4
U S. EPA Sample ID			2002ZG02S52	2002ZG02S57	2002ZG02S58	2002ZG02S65	2002ZG02S66	2002ZG02S67
Sample Date.	PAL	ES	2/11/02	2/11/02	2/11/02	2/13/02	2/13/02	2/13/02
PARAMETER (ug/L)								
ALUMINUM (FUME OR DUST)	--	--	50 U	1680	50 U	3380	50 U	13600
ANTIMONY	1 2	6	10 U	10 U	10 U	10 U	10 U	10 U
ARSENIC	5	50	5 U	5 U	5 U	5 U	5 U	***5.1***
BARIUM	400	2000	94 7	110	88 6	94 8	48 5	189
BERYLLIUM	0.4	4	5 U	5 U	5 U	5 U	5 U	5 U
CADMIUM	0 5	5	0 5 U	0 5 U	0 5 U	0.5 U	0 5 U	0 5 U
CALCIUM METAL	--	--	42300	72800	72900	44900	40100	33100
CHROMIUM	10	100	5 U	5 U	5 U	6.3 B	5 U	***30.6***
COBALT	8	40	5 U	5 U	5 U	5 U	5 U	7 7 B
COPPER	130	1300	5 U	5 3 B	5 U	5 U	5 U	16
IRON	150	300	***659***	***9210***	***6610***	***6470***	40 U	***23300***
LEAD	1 5	15	***3***	2 U	2 U	2 U	2 U	***4***
MAGNESIUM	--	--	12500	24200	23000	14900	12200	12500
MANGANESE	25	50	***160***	***1380***	***1370***	***640***	***401***	***2040***
MERCURY	0 2	2	0 2 U	0 2 U	0 2 U	0 2 U	0 2 U	0 2 U
NICKEL	20	100	5 U	5 U	5 U	6.6 B	5 U	20 B
POTASSIUM	--	--	632 B	1130 B	901 B	759 B	303 B	1400 B
SELENIUM	10	50	2 U	2 U	2 U	2 U	2 U	2 U
SILVER	10	50	5 U	5 U	5 U	5 U	5 U	5 U
SODIUM	--	--	8710	14500	14700	8410	9190	6090
THALLIUM	0 4	2	2 UJ	10 UJ	10 UJ	2 UJ	2 UJ	2 UJ
VANADIUM (FUME OR DUST)	6	30	5 U	5.2 B	5 U	***12***	5 U	***47.4***
ZINC	2500	5000	63 1	5 U	5 U	13 6 B	5 U	63 6

J = Estimated Quantity
U = Non detect
NS = not sampled
-- = none listed
n/a = not applicable
B = the reported value is less than the contract required detection limit, but greater than or equal to the instrument detection limit
(F) = indicates the sample was filtered
Bold, Underlined, Italicized exceeds the Wisconsin PAL
HIGHLIGHTED = exceeds Wisconsin ES

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Table 3-3
Scrap Processing
Groundwater Sampling Analytical Results
Metals
Medford, Wisconsin

Sample Location	Wisc	Wisc	MP4 (F)	MP5	MP5 (F)	MP6	MP6 (F)	MP7
U S EPA Sample ID			2002ZG02S68	2002ZG02S47	2002ZG02S48	2002ZG02S61	2002ZG02S62	2002ZG02S55
Sample Date	PAL	ES	2/13/02	2/11/02	2/11/02	2/12/02	2/12/02	2/11/02
PARAMETER (ug/L)								
ALUMINUM (FUME OR DUST)	--	--	1150	336	50 U	38800	50 U	1080
ANTIMONY	1.2	6	10 U	10 U	10 U	10 U	10 U	10 U
ARSENIC	5	50	5 U	5 U	5 U	***5.5***	5 U	5 U
BARIUM	400	2000	96.5	115	93.6	***439***	76	48.8
BERYLLIUM	0.4	4	5 U	5 U	5 U	5 U	5 U	5 U
CADMIUM	0.5	5	0.5 U	0.5 U	0.5 U	***0.54***	0.5 U	0.5 U
CALCIUM METAL	--	--	30500	117000	104000	211000	43100	41700
CHROMIUM	10	100	5 U	5 U	5 U	***100***	5 U	5 U
COBALT	8	40	5 U	5 U	5 U	***39.1***	5 U	9 B
COPPER	130	1300	5 U	5 U	5 U	***170***	5 U	6.2 B
IRON	150	300	***1580***	***345***	40 U	***69800***	40 U	***4340***
LEAD	1.5	15	2 U	2 U	***2.3***	***26***	2 U	***2.5***
MAGNESIUM	--	--	9590	36600	32500	77900	12300	12900
MANGANESE	25	50	***144***	***136***	***79.6***	***1770***	***186***	***2090***
MERCURY	0.2	2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
NICKEL	20	100	5 U	5 U	5 U	***92.4***	5 U	9.4 B
POTASSIUM	--	--	492 B	1400 B	1260 B	5330	750 B	1220 B
SELENIUM	10	50	2 U	2 U	2 U	2 U	2 U	2 U
SILVER	10	50	5 U	5 U	5 U	5 U	5 U	5 U
SODIUM	--	--	5950	27300	31900	9680	8280	7450
THALLIUM	0.4	2	2 UJ	10 UJ	10 UJ	2 UJ	2 UJ	10 UJ
VANADIUM (FUME OR DUST)	6	30	5 U	5 U	5 U	***151***	5 U	5 U
ZINC	2500	5000	32	5 U	5 U	159	5 U	17.5 B

J = Estimated Quantity
U = Non detect
NS = not sampled
-- = none listed
n/a = not applicable
B = the reported value is less than the contract required detection limit, but greater than or equal to the instrument detection limit
(F) = indicates the sample was filtered
Bold, Underlined, Italicized = exceeds the Wisconsin PAL
HIGHLIGHTED = exceeds Wisconsin ES

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Table 3-1
Scrap Processing
Groundwater Sampling Analytical Results
VOAs
Medford, Wisconsin

Sample Location:SP5-	GWMBD	GWMP10S	GWMP5	GWMP1	GWMP8	GWMW3S
U.S. EPA Sample ID:	EOJE1	EOJE2	EOJE3	EOJE4	EOJE5	EOJE6
Sample Date:	1/10/01	1/10/01	1/10/01	1/10/01	1/9/01	1/9/01
VOLATILE COMPOUND (ug/L)						
Chloromethane	1 U	1 U	1 U	1 U	1 U	1 U
Bromomethane	1 U	1 U	1 U	1 U	1 U	1 U
Vinyl Chloride	1 U	1 U	1 U	1 U	1 U	1 U
Chloroethane	1 U	1 U	1 U	1 U	1 U	1 U
Methylene Chloride	2 U	2 U	2 U	2 U	2 U	2 U
Acetone	5 UR	5 UR	5 UR	5 UR	5 UR	5 UR
Carbon Disulfide	1 U	1 U	1 U	1 U	1 U	1 U
1, 1-Dichloroethene	1 U	1 U	1 U	1 U	1 U	1 U
1, 1-Dichloroethane	1 U	1 U	1 U	1 U	1 U	1 U
cis-1, 2-Dichloroethene	1 U	1 U	1 U	1 U	1 U	1 U
trans-1,2-Dichloroethene	1 U	1 U	1 U	1 U	1 U	1 U
Chloroform	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	1 U	0.7 J	1 U	1 U	1 U	1 U
2-Butanone	5 UR	5 UR	5 UR	5 UR	5 UR	5 UR
Bromochloromethane	1 U	1 U	1 U	1 U	1 U	1 U
1, 1, 1-Trichloroethane	1 U	1 U	1 U	1 U	1 U	1 U
Carbon Tetrachloride	1 U	1 U	1 U	1 U	1 U	1 U
Bromodichloromethane	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloropropane	1 U	1 U	1 U	1 U	1 U	1 U
cis-1,3-Dichloropropene	1 U	1 U	1 U	1 U	1 U	1 U
Trichloroethene	1 U	1 U	1 U	1 U	1 U	1 U
Dibromochloromethane	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	1 U	1 U	1 U	1 U	1 U	1 U
Benzene	1 U	1 U	1 U	1 U	1 U	1 U
trans-1,3-Dichloropropene	1 U	1 U	1 U	1 U	1 U	1 U
Bromoform	1 U	1 U	1 U	1 U	1 U	1 U
4-Methyl-2-pentanone	5 U	5 U	5 U	5 U	5 U	5 U
2-Hexanone	5 UR	5 UR	5 UR	5 UR	5 UR	5 UR
Tetrachloroethene	1 U	1 U	1 U	1 U	1 U	1 U
1, 1, 2, 2-Tetrachloroethane	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dibromoethane	1 U	1 U	1 U	1 U	1 U	1 U
Toluene	1 U	1 U	1 U	1 U	6	3
Chlorobenzene	1 U	1 U	1 U	1 U	1 U	1 U
Ethylbenzene	1 U	1 U	1 U	1 U	1 U	1 U
Styrene	1 U	1 U	1 U	1 U	1 U	1 U
Xylenes (total)	1 U	1 U	1 U	1 U	1 U	1 U
1, 3-Dichlorobenzene	1 U	1 U	1 U	1 U	1 U	1 U
1, 4-Dichlorobenzene	1 U	1 U	1 U	1 U	1 U	1 U
1, 2-Dichlorobenzene	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dibromo-3-chloropropane	1 UR	1 UR	1 UR	1 UR	1 UR	1 UR
1,2,4-Trichlorobenzene	1 U	1 U	1 U	1 U	1 U	1 U

R = Unusable
U = Non detect
J = Estimated Quantity
Concentration exceeds Wisconsin Preventative Action Level

Table 3-1
Scrap Processing
Groundwater Sampling Analytical Results
VOAs
Medford, Wisconsin

Sample Location:SP5-	GWMP7	GWMW4S	GWMW3D	GWMP2D	GWMP2S
U.S. EPA Sample ID:	EOJE7	EOJE8	EOJE9	EOJF1	EOJF2
Sample Date:	1/10/01	1/10/01	1/9/01	1/11/01	1/11/01
VOLATILE COMPOUND (ug/L)					
Chloromethane	1 U	1 U	1 U	1 U	1 U
Bromomethane	1 U	1 U	1 U	1 U	1 U
Vinyl Chloride	1 U	1 U	1 U	1 U	1 U
Chloroethane	1 U	1 U	1 U	1 U	1 U
Methylene Chloride	2 U	2 U	2 U	2 U	2 U
Acetone	5 UR	5 UR	5 UR	5 UR	5 UR
Carbon Disulfide	1 U	1 U	1 U	1 U	1 U
1, 1-Dichloroethene	1 U	1 U	1 U	1 U	1 U
1, 1-Dichloroethane	1 U	1 U	1 U	1 U	1 U
cis-1, 2-Dichloroethene	1 U	1 U	1 U	1 U	1 U
trans-1,2-Dichloroethene	1 U	1 U	1 U	1 U	1 U
Chloroform	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	1 U	1 U	1 U	1 U	1 U
2-Butanone	5 UR	5 UR	5 UR	5 UR	5 UR
Bromochloromethane	1 U	1 U	1 U	1 U	1 U
1, 1, 1-Trichloroethane	1 U	1 U	1 U	1 U	1 U
Carbon Tetrachloride	1 U	1 U	1 U	1 U	1 U
Bromodichloromethane	1 U	1 U	1 U	1 U	1 U
1,2-Dichloropropane	1 U	1 U	1 U	1 U	1 U
cis-1,3-Dichloropropene	1 U	1 U	1 U	1 U	1 U
Trichloroethene	1 U	1 U	1 U	1 U	1 U
Dibromochloromethane	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	1 U	1 U	1 U	1 U	1 U
Benzene	1 U	1 U	1 U	1 U	1 U
trans-1,3-Dichloropropene	1 U	1 U	1 U	1 U	1 U
Bromoform	1 U	1 U	1 U	1 U	1 U
4-Methyl-2-pentanone	5 U	5 U	5 U	5 U	5 U
2-Hexanone	5 UR	5 UR	5 UR	5 UR	5 UR
Tetrachloroethene	1 U	1 U	1 U	1 U	1 U
1, 1, 2, 2-Tetrachloroethane	1 U	1 U	1 U	1 U	1 U
1,2-Dibromoethane	1 U	1 U	1 U	1 U	1 U
Toluene	1 U	1 U	1 U	1 U	1 U
Chlorobenzene	1 U	1 U	1 U	1 U	1 U
Ethylbenzene	1 U	1 U	1 U	1 U	1 U
Styrene	1 U	1 U	1 U	1 U	1 U
Xylenes (total)	1 U	1 U	1 U	1 U	1 U
1, 3-Dichlorobenzene	1 U	1 U	1 U	1 U	1 U
1, 4-Dichlorobenzene	1 U	1 U	1 U	1 U	1 U
1, 2-Dichlorobenzene	1 U	1 U	1 U	1 U	1 U
1,2-Dibromo-3-chloropropane	1 UR	1 UR	1 UR	1 UR	1 UR
1,2,4-Trichlorobenzene	1 U	1 U	1 U	1 U	1 U

R = Unusable
U = Non detect
J = Estimated Quantity
Concentration exceeds Wisconsin Preventative Action Level

Table 3-1
Scrap Processing
Groundwater Sampling Analytical Results
VOAs
Medford, Wisconsin

Sample Location:SP5-	GWMP6	GWMP9S	GWMP9D	GWMW10D	GWMP3	GWMP4
U.S. EPA Sample ID:	EOJF3	EOJF4	EOJF5	EOJF6	EOJF7	EOJF8
Sample Date:	1/11/01	1/11/01	1/11/01	1/10/01	1/10/01	1/10/01
VOLATILE COMPOUND (ug/L)						
Chloromethane	1 U	1 U	1 U	1 U	1 U	1 U
Bromomethane	1 U	1 U	1 U	1 U	1 U	1 U
Vinyl Chloride	1 U	1 U	1 U	1 U	1 U	1 U
Chloroethane	1 U	1 U	1 U	1 U	1 U	1 U
Methylene Chloride	2 U	2 U	2 U	2 U	2 U	2U
Acetone	5 UR	5 UR	5 UR	5 UR	5 UR	5 UR
Carbon Disulfide	1 U	1 U	1 U	1 U	1 U	1 U
1, 1-Dichloroethene	1 U	1 U	1 U	1 U	1 U	1 U
1, 1-Dichloroethane	1 U	1 U	1 U	1 U	1 U	1 U
cis-1, 2-Dichloroethene	1 U	1 U	1 U	1 U	1 U	1 U
trans-1,2-Dichloroethene	1 U	1 U	1 U	1 U	1 U	1 U
Chloroform	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	1 U	1 U	1 U	1 U	1 U	1 U
2-Butanone	5 UR	5 UR	5 UR	5 UR	5 UR	5 UR
Bromochloromethane	1 U	1 U	1 U	1 U	1 U	1 U
1, 1, 1-Trichloroethane	1 U	1 U	1 U	1 U	1 U	1 U
Carbon Tetrachloride	1 U	1 U	1 U	1 U	1 U	1 U
Bromodichloromethane	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloropropane	1 U	1 U	1 U	1 U	1 U	1 U
cis-1,3-Dichloropropene	1 U	1 U	1 U	1 U	1 U	1 U
Trichloroethene	1 U	1 U	1 U	1 U	1 U	1 U
Dibromochloromethane	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	1 U	1 U	1 U	1 U	1 U	1 U
Benzene	1 U	1 U	1 U	1 U	1 U	1 U
trans-1,3-Dichloropropene	1 U	1 U	1 U	1 U	1 U	1 U
Bromoform	1 U	1 U	1 U	1 U	1 U	1 U
4-Methyl-2-pentanone	5 U	5 U	5 U	5 U	5 U	5 U
2-Hexanone	5 UR	5 UR	5 UR	5 UR	5 UR	5 UR
Tetrachloroethene	1 U	1 U	1 U	1 U	1 U	1 U
1, 1, 2, 2-Tetrachloroethane	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dibromoethane	1 U	1 U	1 U	1 U	1 U	1 U
Toluene	1 U	1 U	1 U	1 U	1 U	1 U
Chlorobenzene	1 U	1 U	1 U	1 U	1 U	1 U
Ethylbenzene	1 U	1 U	1 U	1 U	1 U	1 U
Styrene	1 U	1 U	1 U	1 U	1 U	1 U
Xylenes (total)	1 U	1 U	1 U	1 U	1 U	1 U
1, 3-Dichlorobenzene	1 U	1 U	1 U	1 U	1 U	1 U
1, 4-Dichlorobenzene	1 U	1 U	1 U	1 U	1 U	1 U
1, 2-Dichlorobenzene	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dibromo-3-chloropropane	1 UR	1 UR	1 UR	1 UR	1 UR	1 UR
1,2,4-Trichlorobenzene	1 U	1 U	1 U	1 U	1 U	1 U

R = Unusable

U = Non detect

J = Estimated Quantity

Concentration exceeds Wisconsin Preventative Action Level

Table 3-1
Scrap Processing
Groundwater Sampling Analytical Results
VOAs
Medford, Wisconsin

Sample Location:SP5-	GWMW2D	GWMW2S	GWMW1D	GWMW1S	GWMP2D-DP	GWMP9D-DP
U.S. EPA Sample ID:	EOJF9	EOJG1	EOJG2	EOJG3	EOJG4	EOJG5
Sample Date:	1/9/01	1/9/01	1/12/01	1/12/01	1/11/01	1/11/01
VOLATILE COMPOUND (ug/L)						
Chloromethane	1 U	1 U	1 U	1 U	1 U	1 U
Bromomethane	1 U	1 U	1 U	1 U	1 U	1 U
Vinyl Chloride	1 U	1 U	1 U	1 U	1 U	1 U
Chloroethane	1 U	1 U	1 U	1 U	1 U	1 U
Methylene Chloride	2 U	2 U	2 U	2 U	2 U	2U
Acetone	5 UR	5 UR	5 UR	5 UR	5 UR	5 UR
Carbon Disulfide	1 U	1 U	1 U	1 U	1 U	1 U
1, 1-Dichloroethene	1 U	1 U	1 U	1 U	1 U	1 U
1, 1-Dichloroethane	1 U	1 U	1 U	1 U	1 U	1 U
cis-1, 2-Dichloroethene	1 U	1 U	1 U	1 U	1 U	1 U
trans-1,2-Dichloroethene	1 U	1 U	1 U	1 U	1 U	1 U
Chloroform	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	1 U	1 U	1 U	1 U	1 U	1 U
2-Butanone	5 UR	5 UR	5 UR	5 UR	5 UR	5 UR
Bromochloromethane	1 U	1 U	1 U	1 U	1 U	1 U
1, 1, 1-Trichloroethane	1 U	1 U	1 U	1 U	1 U	1 U
Carbon Tetrachloride	1 U	1 U	1 U	1 U	1 U	1 U
Bromodichloromethane	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloropropane	1 U	1 U	1 U	1 U	1 U	1 U
cis-1,3-Dichloropropene	1 U	1 U	1 U	1 U	1 U	1 U
Trichloroethene	1 U	1 U	1 U	1	1 U	1 U
Dibromochloromethane	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	1 U	1 U	1 U	1 U	1 U	1 U
Benzene	1 U	1 U	1 U	1 U	1 U	1 U
trans-1,3-Dichloropropene	1 U	1 U	1 U	1 U	1 U	1 U
Bromoform	1 U	1 U	1 U	1 U	1 U	1 U
4-Methyl-2-pentanone	5 U	5 U	5 U	5 U	5 U	5 U
2-Hexanone	5 UR	5 UR	5 UR	5 UR	5 UR	5 UR
Tetrachloroethene	1 U	1 U	1 U	2	1 U	1 U
1, 1, 2, 2-Tetrachloroethane	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dibromoethane	1 U	1 U	1 U	1 U	1 U	1 U
Toluene	0.6 J	0.5 J	1 U	1 U	1 U	1 U
Chlorobenzene	1 U	1 U	1 U	1 U	1 U	1 U
Ethylbenzene	1 U	1 U	1 U	1 U	1 U	1 U
Styrene	1 U	1 U	1 U	1 U	1 U	1 U
Xylenes (total)	1 U	1 U	1 U	1 U	1 U	1 U
1, 3-Dichlorobenzene	1 U	1 U	1 U	1 U	1 U	1 U
1, 4-Dichlorobenzene	1 U	1 U	1 U	1 U	1 U	1 U
1, 2-Dichlorobenzene	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dibromo-3-chloropropane	1 UR	1 UR	1 UR	1 UR	1 UR	1 UR
1,2,4-Trichlorobenzene	1 U	1 U	1 U	1 U	1 U	1 U

R = Unusable
U = Non detect
J = Estimated Quantity
Concentration exceeds Wisconsin Preventative Action Level

Table 3-1
Scrap Processing
Groundwater Sampling Analytical Results
VOAs
Medford, Wisconsin

Sample Location:SP5-	GWMW1S-DP	GWTB01	GWTB02	GWTB03	GWTB04
U.S. EPA Sample ID:	EOJG6	EOJG7	EOJG8	EOJG9	EOJH1
Sample Date:	1/12/01	1/9/01	1/10/01	1/10/01	1/11/01
VOLATILE COMPOUND (ug/L)					
Chloromethane	1 U	1 U	1 U	1 U	1 U
Bromomethane	1 U	1 U	1 U	1 U	1 U
Vinyl Chloride	1 U	1 U	1 U	1 U	1 U
Chloroethane	1 U	1 U	1 U	1 U	1 U
Methylene Chloride	2 U	0.4 J	0.4 J	0.4 J	0.4 J
Acetone	5 UR	5 UR	5 UR	5 UR	5 UR
Carbon Disulfide	1 U	1 U	1 U	1 U	1 U
1, 1-Dichloroethene	1 U	1 U	1 U	1 U	1 U
1, 1-Dichloroethane	1 U	1 U	1 U	1 U	1 U
cis-1, 2-Dichloroethene	1 U	1 U	1 U	1 U	1 U
trans-1,2-Dichloroethene	1 U	1 U	1 U	1 U	1 U
Chloroform	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	1 U	1 U	1 U	1 U	1 U
2-Butanone	5 UR	5 UR	5 UR	5 UR	5 UR
Bromochloromethane	1 U	1 U	1 U	1 U	1 U
1, 1, 1-Trichloroethane	1 U	1 U	1 U	1 U	1 U
Carbon Tetrachloride	1 U	1 U	1 U	1 U	1 U
Bromodichloromethane	1 U	1 U	1 U	1 U	1 U
1,2-Dichloropropane	1 U	1 U	1 U	1 U	1 U
cis-1,3-Dichloropropene	1 U	1 U	1 U	1 U	1 U
Trichloroethene	1	1 U	1 U	1 U	1 U
Dibromochloromethane	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	1 U	1 U	1 U	1 U	1 U
Benzene	1 U	1 U	1 U	1 U	1 U
trans-1,3-Dichloropropene	1 U	1 U	1 U	1 U	1 U
Bromoform	1 U	1 U	1 U	1 U	1 U
4-Methyl-2-pentanone	5 U	5 U	5 U	5 U	5 U
2-Hexanone	5 UR	5 UR	5 UR	5 UR	5 UR
Tetrachloroethene	2	1 U	1 U	1 U	1 U
1, 1, 2, 2-Tetrachloroethane	1 U	1 U	1 U	1 U	1 U
1,2-Dibromoethane	1 U	1 U	1 U	1 U	1 U
Toluene	1 U	0.4 J	0.5 J	0.5 J	0.4 J
Chlorobenzene	1 U	1 U	1 U	1 U	1 U
Ethylbenzene	1 U	1 U	1 U	1 U	1 U
Styrene	1 U	1 U	1 U	1 U	1 U
Xylenes (total)	1 U	1 U	1 U	1 U	1 U
1, 3-Dichlorobenzene	1 U	1 U	1 U	1 U	1 U
1, 4-Dichlorobenzene	1 U	1 U	1 U	1 U	1 U
1, 2-Dichlorobenzene	1 U	1 U	1 U	1 U	1 U
1,2-Dibromo-3-chloropropane	1 UR	1 UR	1 UR	1 UR	1 UR
1,2,4-Trichlorobenzene	1 U	1 U	1 U	1 U	1 U

R = Unusable
U = Non detect
J = Estimated Quantity
Concentration exceeds Wisconsin Preventative Action Level

Table 3-1
Scrap Processing
Groundwater Sampling Analytical Results
VOAs
Medford, Wisconsin

Sample Location:SP5-	GWFB01	GWFB02	GWFB03
U.S. EPA Sample ID:	EOJH2	EOJH3	EOJH4
Sample Date:	1/10/01	1/12/01	1/12/01
VOLATILE COMPOUND (ug/L)			
Chloromethane	1 U	1 U	1 U
Bromomethane	1 U	1 U	1 U
Vinyl Chloride	1 U	1 U	1 U
Chloroethane	1 U	1 U	1 U
Methylene Chloride	2 U	2 U	2 U
Acetone	5 UR	5 UR	5 UR
Carbon Disulfide	1 U	1 U	1 U
1, 1-Dichloroethene	1 U	1 U	1 U
1, 1-Dichloroethane	1 U	1 U	1 U
cis-1, 2-Dichloroethene	1 U	1 U	1 U
trans-1,2-Dichloroethene	1 U	1 U	1 U
Chloroform	1 U	1 U	1 U
1,2-Dichloroethane	1 U	1 U	1 U
2-Butanone	5 UR	5 UR	5 UR
Bromochloromethane	1 U	1 U	1 U
1, 1, 1-Trichloroethane	1 U	1 U	1 U
Carbon Tetrachloride	1 U	1 U	1 U
Bromodichloromethane	1 U	1 U	1 U
1,2-Dichloropropane	1 U	1 U	1 U
cis-1,3-Dichloropropene	1 U	1 U	1 U
Trichloroethene	1 U	1 U	1 U
Dibromochloromethane	1 U	1 U	1 U
1,1,2-Trichloroethane	1 U	1 U	1 U
Benzene	1 U	1 U	1 U
trans-1,3-Dichloropropene	1 U	1 U	1 U
Bromoform	1 U	1 U	1 U
4-Methyl-2-pentanone	5 U	5 U	5 U
2-Hexanone	5 UR	5 UR	5 UR
Tetrachloroethene	1 U	1 U	1 U
1, 1, 2, 2-Tetrachloroethane	1 U	1 U	1 U
1,2-Dibromoethane	1 U	1 U	1 U
Toluene	1 U	1 U	1 U
Chlorobenzene	1 U	1 U	1 U
Ethylbenzene	1 U	1 U	1 U
Styrene	1 U	1 U	1 U
Xylenes (total)	1 U	1 U	1 U
1, 3-Dichlorobenzene	1 U	1 U	1 U
1, 4-Dichlorobenzene	1 U	1 U	1 U
1, 2-Dichlorobenzene	1 U	1 U	1 U
1,2-Dibromo-3-chloropropane	1 UR	1 UR	1 UR
1,2,4-Trichlorobenzene	1 U	1 U	1 U

R = Unusable
U = Non detect
J = Estimated Quantity
Concentration exceeds Wisconsin Preventative Action Level

Table 3-2
Scrap Processing
Groundwater Sampling Analytical Results
Semi-Volatile Organic Compounds
Medford, Wisconsin

Sampling Location : SP5-	GWMBD	GWMP10S	GWMP5	GWMP1	GWMP8
U.S. EPA Sample ID:	EOJE1	EOJE2	EOJE3	EOJE4	EOJE5
Sample Date :	1/10/01	1/10/01	1/10/01	1/10/01	1/9/01
Semivolatile (ug/L)					
Phenol	5 U	5 U	5 U	5 U	5 U
bis(-2-Chloroethyl) ether	5 U	5 U	5 U	5 U	5 U
2-Chlorophenol	5 U	5 U	5 U	5 U	5 U
2-Methylphenol	5 U	5 U	5 U	5 U	5 U
2,2'-oxybis(1-Chloropropane)	5 U	5 U	5 U	5 U	5 U
4-Methylphenol	5 U	5 U	5 U	5 U	5 U
N-Nitroso-di-n-propylamine	5 U	5 U	5 U	5 U	5 U
Hexachloroethane	5 U	5 U	5 U	5 U	5 U
Nitrobenzene	5 U	5 U	5 U	5 U	5 U
Isophorone	5 U	5 U	5 U	5 U	5 U
2-Nitrophenol	5 U	5 U	5 U	5 U	5 U
2,4-Dimethyphenol	5 U	5 U	5 U	5 U	5 U
2,4-Dichlorophenol	5 U	5 U	5 U	5 U	5 U
Naphthalene	5 U	5 U	5 U	5 U	5 U
4-Chloroaniline	5 U	5 U	5 U	5 U	5 U
Hexachlorobutadiene	5 U	5 U	5 U	5 U	5 U
bis(-2-Chloroethoxy)methane	5 U	5 U	5 U	5 U	5 U
4-Chloro-3-methylphenol	5 U	5 U	5 U	5 U	5 U
2-Methylnaphthalene	5 U	5 U	5 U	5 U	5 U
Hexachlorocyclopentadiene	5 U	5 U	5 U	5 U	5 U
2,4,6-Trichlorophenol	5 U	5 U	5 U	5 U	5 U
2,4,5-Trichlorophenol	20 U	20 U	20 U	20 U	20 U
2-Chloronaphthalene	5 U	5 U	5 U	5 U	5 U
2-Nitroaniline	20 U	20 U	20 U	20 U	20 U
Dimethylphthalate	5 U	5 U	5 U	5 U	5 U
2,6-Dinitrotoluene	5 U	5 U	5 U	5 U	5 U
Acenaphthylene	5 U	5 U	5 U	5 U	5 U
3-Nitroaniline	20 UJ	20 UJ	20 UJ	20 UJ	20 UJ
Acenaphthene	5 U	5 U	5 U	5 U	5 U

U = Non detect
J = Estimated Quantity
R = Unusable

Table 3-2
Scrap Processing
Groundwater Sampling Analytical Results
Semi-Volatile Organic Compounds
Medford, Wisconsin

Sampling Location : SP5-	GWMBD	GWMP10S	GWMP5	GWMP1	GWMP8
U.S. EPA Sample ID :	EOJE1	EOJE2	EOJE3	EOJE4	EOJE5
Sample Date :	1/10/01	1/10/01	1/10/01	1/10/01	1/9/01
Parameter (ug/L)					
2,4-Dinitrophenol	20 U	20 U	20 U	20 U	20 U
4-Nitrophenol	20 U	20 U	20 U	20 U	20 U
Dibenzofuran	5 U	5 U	5 U	5 U	5 U
2,4-Dinitrotoluene	5 U	5 U	5 U	5 U	5 U
Diethylphthalate	5 U	5 U	5 U	5 U	5 U
4-Chlorophenyl-phenylether	5 U	5 U	5 U	5 U	5 U
Fluorene	5 U	5 U	5 U	5 U	5 U
4-Nitroaniline	20 UJ	20 UJ	20 UJ	20 UJ	20 UJ
4,6-Dinitro-2-methylphenol	20 U	20 U	20 U	20 U	20 U
N-Nitrosodiphenylamine	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ
4-Bromophenyl-phenylether	5 U	5 U	5 U	5 U	5 U
Hexachlorobenzene	5 U	5 U	5 U	5 U	5 U
Pentachlorophenol	20 U	20 U	20 U	20 U	20 U
Phenanthrene	5 U	5 U	5 U	5 U	5 U
Anthracene	5 U	5 U	5 U	5 U	5 U
Di-n-butylphthalate	5 U	5 U	5 U	5 U	5 U
Fluoranthene	5 U	5 U	5 U	5 U	5 U
Pyrene	5 U	5 U	5 U	5 U	5 U
Butylbenzylphthalate	5 U	5 U	5 U	5 U	5 U
3,3'-Dichlorobenzidine	5 U	5 U	5 U	5 U	5 U
Benzo(a)anthracene	5 U	5 U	5 U	5 U	5 U
Chrysene	5 U	5 U	5 U	5 U	5 U
bis(2-Ethylhexyl)phthalate	5 U	5 U	5 U	5 U	5 U
Di-n-octylphthalate	5 U	5 U	5 U	5 U	5 U
Benzo(b)fluoranthene	5 U	5 U	5 U	5 U	5 U
Benzo(k)fluoranthene	5 U	5 U	5 U	5 U	5 U
Benzo(a)pyrene	5 U	5 U	5 U	5 U	5 U
Indeno(1,2,3-cd)pyrene	5 U	5 U	5 U	5 U	5 U
Dibenzo(a,h)anthracene	5 U	5 U	5 U	5 U	5 U
Benzo(g,h,i)perylene	5 U	5 U	5 U	5 U	5 U

U = Non detect
J = Estimated Quantity
R = Unusable

Table 3-2
Scrap Processing
Groundwater Sampling Analytical Results
Semi-Volatile Organic Compounds
Medford, Wisconsin

Sampling Location : SP5-	GWMW3S	GWMP7	GWMW4S	GWMW3D	GWMP2D
U.S. EPA Sample ID :	EOJE6	EOJE7	EOJE8	EOJE9	EOJF1
Sample Date :	1/9/01	1/10/01	1/10/01	1/9/01	1/11/01
Semivolatile (ug/L)					
Phenol	5 U	5 U	5 U	5 U	5 U
bis(-2-Chloroethyl) ether	5 U	5 U	5 U	5 U	5 U
2-Chlorophenol	5 U	5 U	5 U	5 U	5 U
2-Methylphenol	5 U	5 U	5 U	5 U	5 U
2,2'-oxybis(1-Chloropropane)	5 U	5 U	5 U	5 U	5 U
4-Methylphenol	5 U	5 U	5 U	5 U	5 U
N-Nitroso-di-n-propylamine	5 U	5 U	5 U	5 U	5 U
Hexachloroethane	5 U	5 U	5 U	5 U	5 U
Nitrobenzene	5 U	5 U	5 U	5 U	5 U
Isophorone	5 U	5 U	5 U	5 U	5 U
2-Nitrophenol	5 U	5 U	5 U	5 U	5 U
2,4-Dimethyphenol	5 U	5 U	5 U	5 U	5 U
2,4-Dichlorophenol	5 U	5 U	5 U	5 U	5 U
Naphthalene	5 U	5 U	5 U	5 U	5 U
4-Chloroaniline	5 U	5 U	5 U	5 U	5 U
Hexachlorobutadiene	5 U	5 U	5 U	5 U	5 U
bis(-2-Chloroethoxy)methane	5 U	5 U	5 U	5 U	5 U
4-Chloro-3-methylphenol	5 U	5 U	5 U	5 U	5 U
2-Methylnaphthalene	5 U	5 U	5 U	5 U	5 U
Hexachlorocyclopentadiene	5 U	5 U	5 U	5 U	5 U
2,4,6-Trichlorophenol	5 U	5 U	5 U	5 U	5 U
2,4,5-Trichlorophenol	20 U	20 U	20 U	20 U	20 U
2-Chloronaphthalene	5 U	5 U	5 U	5 U	5 U
2-Nitroaniline	20 U	20 U	20 U	20 U	20 U
Dimethylphthalate	5 U	5 U	5 U	5 U	5 U
2,6-Dinitrotoluene	5 U	5 U	5 U	5 U	5 U
Acenaphthylene	5 U	5 U	5 U	5 U	5 U
3-Nitroaniline	20 UJ	20 UJ	20 UJ	20 UJ	20 UJ
Acenaphthene	5 U	5 U	5 U	5 U	5 U

U = Non detect
J = Estimated Quantity
R = Unusable

Table 3-2
Scrap Processing
Groundwater Sampling Analytical Results
Semi-Volatile Organic Compounds
Medford, Wisconsin

Sampling Location : SP5-	GWMW3S	GWMP7	GWMW4S	GWMW3D	GWMP2D
U.S.EPA Sample ID :	EOJE6	EOJE7	EOJE8	EOJE9	EOJF1
Sample Date :	1/9/01	1/10/01	1/10/01	1/9/01	1/11/01
Parameter (ug/L)					
2,4-Dinitrophenol	20 U	20 U	20 U	20 U	20 U
4-Nitrophenol	20 U	20 U	20 U	20 U	20 U
Dibenzofuran	5 U	5 U	5 U	5 U	5 U
2,4-Dinitrotoluene	5 U	5 U	5 U	5 U	5 U
Diethylphthalate	5 U	5 U	5 U	5 U	5 U
4-Chlorophenyl-phenylether	5 U	5 U	5 U	5 U	5 U
Fluorene	5 U	5 U	5 U	5 U	5 U
4-Nitroaniline	20 UJ	20 UJ	20 UJ	20 UJ	20 UJ
4,6-Dinitro-2-methylphenol	20 U	20 U	20 U	20 U	20 U
N-Nitrosodiphenylamine	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ
4-Bromophenyl-phenylether	5 U	5 U	5 U	5 U	5 U
Hexachlorobenzene	5 U	5 U	5 U	5 U	5 U
Pentachlorophenol	20 U	20 U	20 U	20 U	20 U
Phenanthrene	5 U	5 U	5 U	5 U	5 U
Anthracene	5 U	5 U	5 U	5 U	5 U
Di-n-butylphthalate	5 U	5 U	5 U	5 U	5 U
Fluoranthene	5 U	5 U	5 U	5 U	5 U
Pyrene	5 U	5 U	5 U	5 U	5 U
Butylbenzylphthalate	5 U	5 U	5 U	5 U	5 U
3,3'-Dichlorobenzidine	5 U	5 U	5 U	5 U	5 U
Benzo(a)anthracene	5 U	5 U	5 U	5 U	5 U
Chrysene	5 U	5 U	5 U	5 U	5 U
bis(2-Ethylhexyl)phthalate	5 U	5 U	5 U	5 U	5 U
Di-n-octylphthalate	5 U	5 U	5 U	5 U	5 U
Benzo(b)fluoranthene	5 U	5 U	5 U	5 U	5 U
Benzo(k)fluoranthene	5 U	5 U	5 U	5 U	5 U
Benzo(a)pyrene	5 U	5 U	5 U	5 U	5 U
Indeno(1,2,3-cd)pyrene	5 U	5 U	5 U	5 U	5 U
Dibenzo(a,h)anthracene	5 U	5 U	5 UJ	5 U	5 U
Benzo(g,h,i)perylene	5 U	5 UJ	5 UJ	5 U	5 UJ

U = Non detect
J = Estimated Quantity
R = Unusable

Table 3-2
Scrap Processing
Groundwater Sampling Analytical Results
Semi-Volatile Organic Compounds
Medford, Wisconsin

Sampling Location : SP5-	GWMP2S	GWMP6	GWMP9S	GWMP9D	GWMW10D
U.S.EPA Sample ID :	EOJF2	EOJF3	EOJF4	EOJF5	EOJF6
Sample Date :	1/11/01	1/11/01	1/11/01	1/11/01	1/10/01
Semivolatile (ug/L)					
Phenol	5 U	5 U	5 U	5 U	5 U
bis(-2-Chloroethyl) ether	5 U	5 U	5 U	5 U	5 U
2-Chlorophenol	5 U	5 U	5 U	5 U	5 U
2-Methylphenol	5 U	5 U	5 U	5 U	5 U
2,2'-oxybis(1-Chloropropane)	5 U	5 U	5 U	5 U	5 U
4-Methylphenol	5 U	5 U	5 U	5 U	5 U
N-Nitroso-di-n-propylamine	5 U	5 U	5 U	5 U	5 U
Hexachloroethane	5 U	5 U	5 U	5 U	5 U
Nitrobenzene	5 U	5 U	5 U	5 U	5 U
Isophorone	5 U	5 U	5 U	5 U	5 U
2-Nitrophenol	5 U	5 U	5 U	5 U	5 U
2,4-Dimethyphenol	5 U	5 U	5 U	5 U	5 U
2,4-Dichlorophenol	5 U	5 U	5 U	5 U	5 U
Naphthalene	5 U	5 U	5 U	5 U	5 U
4-Chloroaniline	5 U	5 U	5 U	5 U	5 U
Hexachlorobutadiene	5 U	5 U	5 U	5 U	5 U
bis(-2-Chloroethoxy)methane	5 U	5 U	5 U	5 U	5 U
4-Chloro-3-methylphenol	5 U	5 U	5 U	5 U	5 U
2-Methylnaphthalene	5 U	5 U	5 U	5 U	5 U
Hexachlorocyclopentadiene	5 U	5 U	5 U	5 U	5 U
2,4,6-Trichlorophenol	5 U	5 U	5 U	5 U	5 U
2,4,5-Trichlorophenol	20 U	20 U	20 U	20 U	20 U
2-Chloronaphthalene	5 U	5 U	5 U	5 U	5 U
2-Nitroaniline	20 U	20 U	20 U	20 U	20 U
Dimethylphthalate	5 U	5 U	5 U	5 U	5 U
2,6-Dinitrotoluene	5 U	5 U	5 U	5 U	5 U
Acenaphthylene	5 U	5 U	5 U	5 U	5 U
3-Nitroaniline	20 UJ	20 UJ	20 UJ	20 UJ	20 UJ
Acenaphthene	5 U	5 U	5 U	5 U	5 U

U = Non detect
J = Estimated Quantity
R = Unusable

Table 3-2
Scrap Processing
Groundwater Sampling Analytical Results
Semi-Volatile Organic Compounds
Medford, Wisconsin

Sampling Location : SP5-	GWMP2S	GWMP6	GWMP9S	GWMP9D	GWMW10D
U.S.EPA Sample ID:	EOJF2	EOJF3	EOJF4	EOJF5	EOJF6
Sample Date :	1/11/01	1/11/01	1/11/01	1/11/01	1/10/01
Parameter (ug/L)					
2,4-Dinitrophenol	20 U	20 U	20 U	20 U	20 U
4-Nitrophenol	20 U	20 U	20 U	20 U	20 U
Dibenzofuran	5 U	5 U	5 U	5 U	5 U
2,4-Dinitrotoluene	5 U	5 U	5 U	5 U	5 U
Diethylphthalate	5 U	5 U	5 U	5 U	5 U
4-Chlorophenyl-phenylether	5 U	5 U	5 U	5 U	5 U
Fluorene	5 U	5 U	5 U	5 U	5 U
4-Nitroaniline	20 UJ	20 UJ	20 UJ	20 UJ	20 UJ
4,6-Dinitro-2-methylphenol	20 U	20 U	20 U	20 U	20 U
N-Nitrosodiphenylamine	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ
4-Bromophenyl-phenylether	5 U	5 U	5 U	5 U	5 U
Hexachlorobenzene	5 U	5 U	5 U	5 U	5 U
Pentachlorophenol	20 U	20 U	20 U	20 U	20 U
Phenanthrene	5 U	5 U	5 U	5 U	5 U
Anthracene	5 U	5 U	5 U	5 U	5 U
Di-n-butylphthalate	5 U	5 U	5 U	5 U	5 U
Fluoranthene	5 U	5 U	5 U	5 U	5 U
Pyrene	5 U	5 U	5 U	5 U	5 U
Butylbenzylphthalate	5 U	5 U	5 U	5 U	5 U
3,3'-Dichlorobenzidine	5 U	5 U	5 U	5 U	5 U
Benzo(a)anthracene	5 U	5 U	5 U	5 U	5 U
Chrysene	5 U	5 U	5 U	5 U	5 U
bis(2-Ethylhexyl)phthalate	5 U	5 U	5 U	5 U	5 U
Di-n-octylphthalate	5 U	5 U	5 U	5 U	5 U
Benzo(b)fluoranthene	5 U	5 U	5 U	5 U	5 U
Benzo(k)fluoranthene	5 U	5 U	5 U	5 U	5 U
Benzo(a)pyrene	5 U	5 U	5 U	5 U	5 U
Indeno(1,2,3-cd)pyrene	5 U	5 U	5 U	5 U	5 U
Dibenzo(a,h)anthracene	5 U	5 U	5 UJ	5 UJ	5 U
Benzo(g,h,i)perylene	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ

U = Non detect
J = Estimated Quantity
R = Unusable

Table 3-2
Scrap Processing
Groundwater Sampling Analytical Results
Semi-Volatile Organic Compounds
Medford, Wisconsin

Sampling Location : SP5-	GWMP3	GWMP4	GWMW2D	GWMW2S
U.S. EPA Sample ID :	EOJF7	EOJF8	EOJF9	EOJG1
Sample Date :	1/10/01	1/10/01	1/9/01	1/9/01
Semivolatile (ug/L)				
Phenol	5 U	5 UJ	5 U	5 U
bis(-2-Chloroethyl) ether	5 U	5 UJ	5 U	5 U
2-Chlorophenol	5 U	5 UJ	5 U	5 U
2-Methylphenol	5 U	5 UJ	5 U	5 U
2,2'-oxybis(1-Chloropropane)	5 U	5 UJ	5 U	5 U
4-Methylphenol	5 U	5 UJ	5 U	5 U
N-Nitroso-di-n-propylamine	5 U	5 UJ	5 U	5 U
Hexachloroethane	5 U	5 UJ	5 U	5 U
Nitrobenzene	5 U	5 UJ	5 U	5 U
Isophorone	5 U	5 UJ	5 U	5 U
2-Nitrophenol	5 U	5 UJ	5 U	5 U
2,4-Dimethyphenol	5 U	5 UJ	5 U	5 U
2,4-Dichlorophenol	5 U	5 UJ	5 U	5 U
Naphthalene	5 U	5 UJ	5 U	5 U
4-Chloroaniline	5 U	5 UJ	5 U	5 U
Hexachlorobutadiene	5 U	5 UJ	5 U	5 U
bis(-2-Chloroethoxy)methane	5 U	5 UJ	5 U	5 U
4-Chloro-3-methylphenol	5 U	5 UJ	5 U	5 U
2-Methylnaphthalene	5 U	5 UJ	5 U	5 U
Hexachlorocyclopentadiene	5 U	5 UJ	5 U	5 U
2,4,6-Trichlorophenol	5 U	5 UJ	5 U	5 U
2,4,5-Trichlorophenol	20 U	20 UJ	20 U	20 U
2-Chloronaphthalene	5 U	5 UJ	5 U	5 U
2-Nitroaniline	20 U	20 UJ	20 U	20 U
Dimethylphthalate	5 U	5 UJ	5 U	5 U
2,6-Dinitrotoluene	5 U	5 UJ	5 U	5 U
Acenaphthylene	5 U	5 UJ	5 U	5 U
3-Nitroaniline	20 UJ	20 UJ	20 UJ	20 UJ
Acenaphthene	5 U	5 UJ	5 U	5 U

U = Non detect
J = Estimated Quantity
R = Unusable

Table 3-2
Scrap Processing
Groundwater Sampling Analytical Results
Semi-Volatile Organic Compounds
Medford, Wisconsin

U.S. EPA Sample ID :	GWMP3	GWMP4	GWMW2D	GWMW2S
Sampling Location : SP5-	EOJF7	EOJF8	EOJF9	EOJG1
Sample Date :	1/10/01	1/10/01	1/9/01	1/9/01
Parameter (ug/L)				
2,4-Dinitrophenol	20 U	20 UJ	20 U	20 U
4-Nitrophenol	20 U	20 UJ	20 U	20 U
Dibenzofuran	5 U	5 UJ	5 U	5 U
2,4-Dinitrotoluene	5 U	5 UJ	5 U	5 U
Diethylphthalate	5 U	5 UJ	5 U	5 U
Fluorene	5 U	5 UJ	5 U	5 U
4-Chlorophenyl-phenyl ether	5 U	5 UJ	5 U	5 U
4-Nitroaniline	20 UJ	20 UJ	20 UJ	20 UJ
4,6-Dinitro-2-methylphenol	20 U	20 UJ	20 U	20 U
N-Nitrosodiphenylamine	5 UJ	5 UJ	5 UJ	5 UJ
4-Bromophenyl-phenylether	5 U	5 UJ	5 U	5 U
Hexachlorobenzene	5 U	5 UJ	5 U	5 U
Pentachlorophenol	20 U	20 UJ	20 U	20 U
Phenanthrene	5 U	5 UJ	5 U	5 U
Anthracene	5 U	5 UJ	5 U	5 U
Di-n-butylphthalate	5 U	5 UJ	5 U	5 U
Fluoranthene	5 U	5 UJ	5 U	5 U
Pyrene	5 U	5 UJ	5 U	5 U
Butylbenzylphthalate	5 U	5 UJ	5 U	5 U
3,3'-Dichlorobenzidine	5 U	5 UJ	5 U	5 U
Benzo(a)anthracene	5 U	5 UJ	5 U	5 U
Chrysene	5 U	5 UJ	5 U	5 U
bis(2-Ethylhexyl)phthalate	5 U	5 UJ	5 U	5 U
Di-n-octylphthalate	5 U	5 UJ	5 U	5 U
Benzo(b)fluoranthene	5 U	5 UJ	5 U	5 U
Benzo(k)fluoranthene	5 U	5 UJ	5 U	5 U
Benzo(a)pyrene	5 U	5 UJ	5 U	5 U
Indeno(1,2,3-cd)pyrene	5 U	5 UJ	5 U	5 U
Dibenzo(a,h)anthracene	5 U	5 UJ	5 U	5 U
Benzo(g,h,i)perylene	5 UJ	5 UJ	5 U	5 U

U = Non detect
J = Estimated Quantity
R = Unusable

Table 3-2
Scrap Processing
Groundawater Sampling Analytical Results
Semi-Volatile Organic Compounds
Medford, Wisconsin

Sampling Location : SP5-	GWMW1D	GWMW1S	GWMP2D-DP	GWMP9D-DP	GWMW1S-DP
U.S. EPA Sample ID:	EOJG2	EOJG3	EOJG4	EOJG5	EOJG6
Sample Date :	1/12/01	1/12/01	1/11/01	1/11/01	1/12/01
Semivolatile (ug/L)					
Phenol	5 U	5 U	5 U	5 U	5 U
bis(-2-Chloroethyl) ether	5 U	5 U	5 U	5 U	5 U
2-Chlorophenol	5 U	5 U	5 U	5 U	5 U
2-Methylphenol	5 U	5 U	5 U	5 U	5 U
2,2'-oxybis(1-Chloropropane	5 U	5 U	5 U	5 U	5 U
4-Methylphenol	5 U	5 U	5 U	5 U	5 U
N-Nitroso-di-n-propylamine	5 U	5 U	5 U	5 U	5 U
Hexachloroethane	5 U	5 U	5 U	5 U	5 U
Nitrobenzene	5 U	5 U	5 U	5 U	5 U
Isophorone	5 U	5 U	5 U	5 U	5 U
2-Nitrophenol	5 U	5 U	5 U	5 U	5 U
2,4-Dimethyphenol	5 U	5 U	5 U	5 U	5 U
2,4-Dichlorophenol	5 U	5 U	5 U	5 U	5 U
Naphthalene	5 U	5 U	5 U	5 U	5 U
4-Chloroaniline	5 U	5 U	5 U	5 U	5 U
Hexachlorobutadiene	5 U	5 U	5 U	5 U	5 U
bis(-2-Chloroethoxy)methane	5 U	5 U	5 U	5 U	5 U
4-Chloro-3-methylphenol	5 U	5 U	5 U	5 U	5 U
2-Methylnaphthalene	5 U	5 U	5 U	5 U	5 U
Hexachlorocyclopentadiene	5 U	5 U	5 U	5 U	5 U
2,4,6-Trichlorophenol	5 U	5 U	5 U	5 U	5 U
2,4,5-Trichlorophenol	20 U	20 U	20 U	20 U	20 U
2-Chloronaphthalene	5 U	5 U	5 U	5 U	5 U
2-Nitroaniline	20 U	20 U	20 U	20 U	20 U
Dimethylphthalate	5 U	5 U	5 U	5 U	5 U
2,6-Dinitrotoluene	5 U	5 U	5 U	5 U	5 U
Acenaphthylene	5 U	5 U	5 U	5 U	5 U
3-Nitroaniline	20 UJ	20 UJ	20 UJ	20 UJ	20 UJ
Acenaphthene	5 U	5 U	5 U	5 U	5 U

U = Non detect
J = Estimated Quantity
R = Unusable

Table 3-2
Scrap Processing
Groundawater Sampling Analytical Results
Semi-Volatile Organic Compounds
Medford, Wisconsin

Sampling Location : SP5-	GWMW1D	GWMW1S	GWMP2D-DP	GWMP9D-DP	GWMW1S-DP
U.S. EPA Sample ID :	EOJG2	EOJG3	EOJG4	EOJG5	EOJG6
Sample Date :	1/12/01	1/12/01	1/11/01	1/11/01	1/12/01
Parameter (ug/L)					
2,4-Dinitrophenol	20 U	20 U	20 U	20 U	20 U
4-Nitrophenol	20 U	20 U	20 U	20 U	20 U
Dibenzofuran	5 U	5 U	5 U	5 U	5 U
2,4-Dinitrotoluene	5 U	5 U	5 U	5 U	5 U
Diethylphthalate	5 U	5 U	5 U	5 U	5 U
4-Chlorophenyl-phenylether	5 U	5 U	5 U	5 U	5 U
Fluorene	5 U	5 U	5 U	5 U	5 U
4-Nitroaniline	20 UJ	20 UJ	20 UJ	20 UJ	20 UJ
4,6-Dinitro-2-methylphenol	20 U	20 U	20 U	20 U	20 U
N-Nitrosodiphenylamine	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ
4-Bromophenyl-phenylether	5 U	5 U	5 U	5 U	5 U
Hexachlorobenzene	5 U	5 U	5 U	5 U	5 U
Pentachlorophenol	20 U	20 U	20 U	20 U	20 U
Phenanthrene	5 U	5 U	5 U	5 U	5 U
Anthracene	5 U	5 U	5 U	5 U	5 U
Di-n-butylphthalate	5 U	5 U	5 U	5 U	5 U
Fluoranthene	5 U	5 U	5 U	5 U	5 U
Pyrene	5 U	5 U	5 U	5 U	5 U
Butylbenzylphthalate	5 U	5 U	5 U	5 U	5 U
3,3'-Dichlorobenzidine	5 U	5 U	5 U	5 U	5 U
Benzo(a)anthracene	5 U	5 U	5 U	5 U	5 U
Chrysene	5 U	5 U	5 U	5 U	5 U
bis(2-Ethylhexyl)phthalate	5 U	5 U	5 U	5 U	5 U
Di-n-octylphthalate	5 U	5 U	5 U	5 U	5 U
Benzo(b)fluoranthene	5 U	5 U	5 U	5 U	5 U
Benzo(k)fluoranthene	5 U	5 U	5 U	5 U	5 U
Benzo(a)pyrene	5 U	5 U	5 U	5 U	5 U
Indeno(1,2,3-cd)pyrene	5 U	5 U	5 U	5 U	5 U
Dibenzo(a,h)anthracene	5 U	5 U	5 U	5 UJ	5 U
Benzo(g,h,i)perylene	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ

U = Non detect
J = Estimated Quantity
R = Unusable

Table 3-2
Scrap Processing
Groundwater Sampling Analytical Results
Semi-Volatile Organic Compounds
Medford, Wisconsin

Sampling Location : SP5-	GWFB01	GWFB02	GWFB03
U.S. EPA Sample ID:	EOJH2	EOJH3	EOJH4
Sample Date :	1/10/01	1/12/01	1/12/01
Semivolatile (ug/L)			
Phenol	5 U	5 U	5 U
bis(-2-Chloroethyl) ether	5 U	5 U	5 U
2-Chlorophenol	5 U	5 U	5 U
2-Methylphenol	5 U	5 U	5 U
2,2'-oxybis(1-Chloropropane	5 U	5 U	5 U
4-Methylphenol	5 U	5 U	5 U
N-Nitroso-di-n-propylamine	5 U	5 U	5 U
Hexachloroethane	5 U	5 U	5 U
Nitrobenzene	5 U	5 U	5 U
Isophorone	5 U	5 U	5 U
2-Nitrophenol	5 U	5 U	5 U
2,4-Dimethyphenol	5 U	5 U	5 U
2,4-Dichlorophenol	5 U	5 U	5 U
Naphthalene	5 U	5 U	5 U
4-Chloroaniline	5 U	5 U	5 U
Hexachlorobutadiene	5 U	5 U	5 U
bis(-2-Chloroethoxy)methan	5 U	5 U	5 U
4-Chloro-3-methylphenol	5 U	5 U	5 U
2-Methylnaphthalene	5 U	5 U	5 U
Hexachlorocyclopentadiene	5 U	5 U	5 U
2,4,6-Trichlorophenol	5 U	5 U	5 U
2,4,5-Trichlorophenol	20 U	20 U	20 U
2-Chloronaphthalene	5 U	5 U	5 U
2-Nitroaniline	20 U	20 U	20 U
Dimethylphthalate	5 U	5 U	5 U
2,6-Dinitrotoluene	5 U	5 U	5 U
Acenaphthylene	5 U	5 U	5 U
3-Nitroaniline	20 UJ	20 UJ	20 UJ
Acenaphthene	5 U	5 U	5 U

U = Non detect
J = Estimated Quantity
R = Unusable

Table 3-2
Scrap Processing
Groundwater Sampling Analytical Results
Semi-Volatile Organic Compounds
Medford, Wisconsin

Sampling Location : SP5-	GWFB01	GWFB02	GWFB03
U.S. EPA Sample ID :	EOJH2	EOJH3	EOJH4
Sample Date :	1/10/01	1/12/01	1/12/01
Parameter (ug/L)			
2,4-Dinitrophenol	20 U	20 U	20 U
4-Nitrophenol	20 U	20 U	20 U
Dibenzofuran	5 U	5 U	5 U
2,4-Dinitrotoluene	5 U	5 U	5 U
Diethylphthalate	5 U	5 U	5 U
Fluorene	5 U	5 U	5 U
4-Chlorophenyl-phenylether	5 U	5 U	5 U
4-Nitroaniline	20 UJ	20 UJ	20 UJ
4,6-Dinitro-2-methylphenol	20 U	20 U	20 U
N-Nitrosodiphenylamine	5 UJ	5 UJ	5 UJ
4-Bromophenyl-phenylether	5 U	5 U	5 U
Hexachlorobenzene	5 U	5 U	5 U
Pentachlorophenol	20 U	20 U	20 U
Phenanthrene	5 U	5 U	5 U
Anthracene	5 U	5 U	5 U
Di-n-butylphthalate	5 U	5 U	5 U
Fluoranthene	5 U	5 U	5 U
Pyrene	5 U	5 U	5 U
Butylbenzylphthalate	5 U	5 U	5 U
3,3'-Dichlorobenzidine	5 U	5 UJ	5 UJ
Benzo(a)anthracene	5 U	5 U	5 U
Chrysene	5 U	5 U	5 U
bis(2-Ethylhexyl)phthalate	5 U	5 U	5 U
Di-n-octylphthalate	5 U	5 U	5 U
Benzo(b)fluoranthene	5 U	5 U	5 U
Benzo(k)fluoranthene	5 U	5 U	5 U
Benzo(a)pyrene	5 U	5 U	5 U
Indeno(1,2,3-cd)pyrene	5 U	5 U	5 U
Dibenzo(a,h)anthracene	5 UJ	5 U	5 U
Benzo(g,h,i)perylene	5 UJ	5 UJ	5 UJ

U = Non detect
J = Estimated Quantity
R = Unusable

Table 3-3
Scrap Processing
Groundwater Sampling Analytical Results
Pesticides/PCBs
Medford, Wisconsin

Sampling Location : SP5-	GWMBD	GWMP10S	GWMP5	GWMP1	GWMP8	GWMW3S	GWMP7
U.S. EPA Sample ID :	EOJE1	EOJE2	EOJE3	EOJE4	EOJE5	EOJE6	EOJE7
Sample Date :	1/10/01	1/10/01	1/10/01	1/10/01	1/9/01	1/9/01	1/10/01
Pesticide/PCB Compound (ug/L)							
alpha-BHC	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U	0.010 UJ
beta-BHC	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U	0.010 UJ
delta-BHC	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U	0.010 UJ
gamma-BHC (Lindane)	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U	0.010 UJ
Heptachlor	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U	0.010 UJ
Aldrin	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U	0.010 UJ
Heptachlor epoxide	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U	0.010 UJ
Endosulfan I	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U	0.010 UJ
Dieldrin	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.020 UJ
4,4'-DDE	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.020 UJ
Endrin	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.020 UJ
Endosulfan II	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.020 UJ
4,4'-DDD	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.020 UJ
Endosulfan sulfate	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.020 UJ
4,4'-DDT	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.020 UJ
Methoxychlor	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 UJ
Endrin ketone	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.020 UJ
Endrin aldehyde	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.020 UJ
alpha-Chlordane	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U	0.010 UJ
gamma-Chlordane	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U	0.010 UJ
Toxaphene	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 UJ
Aroclor-1016	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 UJ
Aroclor-1221	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 UJ
Aroclor-1232	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 UJ
Aroclor-1242	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 UJ
Aroclor-1248	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 UJ
Aroclor-1254	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 UJ
Aroclor-1260	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 UJ

U = Non detect
J = Estimated Quantity
R = Unusable

Table 3-3
Scrap Processing
Groundwater Sampling Analytical Results
Pesticides/PCBs
Medford, Wisconsin
(Continued)

Sampling Location : SP5-	GWMW4S	GWMW3D	GWMP2D	GWMP2S	GWMP6	GWMP9S	GWMP9D
U.S. EPA Sample ID :	EOJE8	EOJE9	EOJF1	EOJF2	EOJF3	EOJF4	EOJF5
Sample Date :	1/10/01	1/9/01	1/11/01	1/11/01	1/11/01	1/11/01	1/11/01
Pesticide/PCB Compound (ug/L)							
alpha-BHC	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U
beta-BHC	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U
delta-BHC	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U
gamma-BHC (Lindane)	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U
Heptachlor	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U
Aldrin	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U
Heptachlor epoxide	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U
Endosulfan I	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U
Dieldrin	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U
4,4'-DDE	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U
Endrin	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U
Endosulfan II	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U
4,4'-DDD	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U
Endosulfan sulfate	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U
4,4'-DDT	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U
Methoxychlor	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U
Endrin ketone	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U
Endrin aldehyde	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U
alpha-Chlordane	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U
gamma-Chlordane	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U
Toxaphene	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Aroclor-1016	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1221	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U
Aroclor-1232	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1242	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1248	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1254	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1260	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U

U = Non detect
J = Estimated Quantity
R = Unusable

Table 3-3
Scrap Processing
Groundwater Sampling Analytical Results
Pesticides/PCBs
Medford, Wisconsin
(Continued)

Sampling Location : SP5-	GWMW10D	GWMP3	GWMP4	GWMW2D	GWMW2S	GWMW1D	GWMW1S
U.S. EPA Sample ID :	EOJF6	EOJF7	EOJF8	EOJF9	EOJG1	EOJG2	EOJG3
Sample Date :	1/10/01	1/10/01	1/10/01	1/9/01	1/9/01	1/12/01	1/12/01
Pesticide/PCB Compound (ug/L)							
alpha-BHC	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U
beta-BHC	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U
delta-BHC	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U
gamma-BHC (Lindane)	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U
Heptachlor	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U
Aldrin	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U
Heptachlor epoxide	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U
Endosulfan I	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U
Dieldrin	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U
4,4'-DDE	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U
Endrin	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U
Endosulfan II	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U
4,4'-DDD	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U
Endosulfan sulfate	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U
4,4'-DDT	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U
Methoxychlor	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U
Endrin ketone	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U
Endrin aldehyde	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U
alpha-Chlordane	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U
gamma-Chlordane	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U
Toxaphene	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Aroclor-1016	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1221	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U
Aroclor-1232	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1242	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1248	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1254	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1260	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U

U = Non detect
J = Estimated Quantity
R = Unusable

Table 3-3
Scrap Processing
Groundwater Sampling Analytical Results
Pesticides/PCBs
Medford, Wisconsin
(Continued)

Sampling Location : SP5-	GWMP2D-DP	GWMP9D-DP	GWMW1S-DP	GWFB01	GWFB02	GWFB03
U.S. EPA Sample ID :	EOJG4	EOJG5	EOJG6	EOJH2	EOJH3	EOJH4
Sample Date :	1/11/01	1/11/01	1/12/01	1/10/01	1/12/01	1/12/01
Pesticide/PCB Compound (ug/L)						
alpha-BHC	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U
beta-BHC	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U
delta-BHC	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U
gamma-BHC (Lindane)	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U
Heptachlor	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U
Aldrin	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U
Heptachlor epoxide	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U
Endosulfan I	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U
Dieldrin	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U
4,4'-DDE	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U
Endrin	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U
Endosulfan II	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U
4,4'-DDD	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U
Endosulfan sulfate	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U
4,4'-DDT	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U
Methoxychlor	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U
Endrin ketone	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U
Endrin aldehyde	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U
alpha-Chlordane	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U
gamma-Chlordane	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U
Toxaphene	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Aroclor-1016	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1221	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U
Aroclor-1232	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1242	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1248	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1254	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1260	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U

U = Non detect
J = Estimated Quantity
R = Unusable

Table 3-4
Scrap Processing
Groundwater Sampling Analytical Results
Metals
Medford, Wisconsin

Sample Location: SP5-	GWMBD	GWMBD	GWMP10S	GWMP10S	GWMP5	GWMP5	GWMP1	GWMP1	GWMP8	GWMP8
U.S. EPA Sample ID: 2001ZG02	S01	S01- F	S02	S02 - F	S03	S03 - F	S04	S04 - F	S05	S05 - F
Sample Date:	1/10/01	1/10/01	1/10/01	1/10/01	1/10/01	1/10/01	1/10/01	1/10/01	1/9/01	1/9/01
PARAMETER (ug/L)										
Aluminum	14000	118	1740	50.0 U	7920	50.0 U	3160	50.0 U	13300	50.0 U
Antimony	5.0 U	6.8	5.0 U	5.0 U	50. U	5.0 U	50. U	5.0 U	5.0 U	5.1
Arsenic	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Barium	161	55.7	135	127	196	120	76.9	44.6	158	81.5
Beryllium	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Cadmium	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Calcium	38600	36700	55900	55900	107000	106000	11600	10300	64700	53500
Chromium	26.2	5.0 U	5.0 U	5.0 U	34.1	5.0 U	6.7	5.0 U	27.8	5.0 U
Cobalt	6.3	5.0 U	5.0 U	5.0 U	5.9	5.0 U	5.0 U	5.0 U	7	5.0 U
Copper	30.4	5.0 U	5.0 U	5.0 U	22.9	5.0 U	9.9	5.0 U	29.8	5.0 U
Iron	15800	513	11900	10200	12100	40.0 U	3650	40.0 U	18800	1140
Lead	5.3	2.0 U	2.0 U	2.0 U	4.8	2.0 U	3.0	2.0 U	8.1	2.0 U
Magnesium	13400	10400	19600	19000	34800	32600	4060	3170	20200	14300
Manganese	278	194	784	770	472	153	51.0	8.4	475	237
Mercury	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Nickel	17.6	5.0 U	5.0 U	5.0 U	26.7	5.0 U	12.9	5.4	18.7	5.0 U
Potassium	2770	767	1270	942	3010	1240	1050	368	2520	916
Selenium	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Silver	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Sodium	6830	6700	13800	14200	23800	22200	29600	28700	7890	7690
Thallium	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Vanadium	37.5	5.0 U	6.0	5.0 U	24.3	5.0 U	12.6	5.0 U	39.6	5.0 U
Zinc	25.8	5.0 U	5.0 U	5.0 U	26.6	5.0 U	22.6	6.5	33.2	5.0 U
Cyanide (mg/L)	10.0 U	NA	10.0 U	NA	10.0 U	NA	10.0 U	NA	10.0 U	NA

U = Non detect
J = Estimated quantity
NA - Not Applicable
Concentration exceeds Wisconsin Enforcement Standard

J:/Scrapprocessing/metals4.xls

Table 3-4
Scrap Processing
Groundwater Sampling Analytical Results
Metals
Medford, Wisconsin
(Continued)

Sample Location: SP5-	GWMW3S	GWMW3S	GWMP7	GWMP7	GWMW4S	GWMW4S	GWMW3D	GWMW3D	GWMP2D	GWMP2D
U.S. EPA Sample ID: 2001ZG02	S06	S06-F	S07	S07-F	S08	S08-F	S09	S09-F	S10	S10-F
Sample Date:	1/9/01	1/9/01	1/10/01	1/10/01	1/10/01	1/10/01	1/9/01	1/9/01	1/11/01	1/11/01
PARAMETER (ug/L)										
Aluminum	20700	50.0 U	8670	87.8	18700	50.0 U	785	50.0 U	50.0 U	50.0 U
Antimony	12.1 J	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0U	5.0 U	5.0 U	5.0 U
Arsenic	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Barium	523	43.9	87.2	37.7	284	52.6	72.1	62.6	98.5	89.0
Beryllium	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Cadmium	0.76 J	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Calcium	337000	294000	42000	38700	123000	60200	39400	39000	40800	40900
Chromium	81.4	5.0 U	18.4	5.0 U	47.5	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Cobalt	11.7	5.0 U	12.4	7.8	9.2	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Copper	85.1	5.0 U	29.9	5.0 U	368	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Iron	36600	4120	13000	2240	23300	142	1670	421	1250	373
Lead	1290	2.0 U	5.1	2.0 U	179	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Magnesium	102000	95400	14300	11200	38600	16500	11900	11600	11600	11800
Manganese	1910	2000	2100	1950	990	359	144	129	158	156
Mercury	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Nickel	54.8	5.0 U	19.2	6.9	29.4	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Potassium	4260	1690	2560	1260	3360	817	944	693	801	868
Selenium	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Silver	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Sodium	14100	13500	7940	7610	8020	7010	8020	8060	8450	8730
Thallium	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Vanadium	59.0	5.0 U	25.8	5.0 U	48.4	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Zinc	84.9	5.0 U	43.9	13.7	78.5	5.0 U	5.0 U	5.0 U	369	23.8
Cyanide (mg/L)	10.0 U	NA	10.0 U	NA	10.0 U	NA	10.0 U	NA	10.0 U	NA

U = Non detect
J = Estimated quantity
NA - Not Applicable
Concentration exceeds Wisconsin Enforcement Standard

Table 3-4
Scrap Processing
Groundwater Sampling Analytical Results
Metals
Medford, Wisconsin
(Continued)

Sample Location: SP5-	GWMP2S	GWMP2S	GWMP6	GWMP6	GWMP9S	GWMP9S	GWMP9D	GWMP9D	GWMW10D	GWMW10D
U.S. EPA Sample ID: 2001ZG02	S11	S11-F	S12	S12-F	S13	S13-F	S14	S14-F	S15	S15-F
Sample Date:	1/11/01	1/11/01	1/11/01	1/11/01	1/11/01	1/11/01	1/11/01	1/11/01	1/10/01	1/10/01
PARAMETER (ug/L)										
Aluminum	564	50.0 U	7460	53.3	658	50.0 U	50.0 U	50.0 U	15600	244
Antimony	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.6	5.0 U	5.6	5.0 U
Arsenic	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Barium	102	5.0 U	122	55.9	72.1	67.0	69.6	65.4	190	73.3
Beryllium	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Cadmium	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Calcium	41100	2830	60800	41600	157000	159000	40200	40600	47400	39900
Chromium	5.0 U	5.0 U	16.4	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	89.7	5.0 U
Cobalt	5.0 U	5.0 U	5.0	5.0 U	12.1	13.4	5.0 U	5.0 U	13.4	5.0 U
Copper	5.0 U	5.3	15.5	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	40.2	5.0 U
Iron	2190	101	11100	354	24900	24500	936	364	15600	711
Lead	2.0 U	2.0 U	2.5	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	8.4	2.0 U
Magnesium	11800	857	18800	11500	48900	49500	11800	12100	16400	11500
Manganese	177	16.0	346	174	3320	3380	132	132	403	167
Mercury	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.2 U
Nickel	5.0 U	5.0 U	13.0	5.0 U	7.0	7.3	5.0 U	5.0 U	57.9	5.0 U
Potassium	839	250 U	2340	814	1490	1380	722	785	3780	1250
Selenium	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Silver	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Sodium	8560	8740	8760	8400	10500	10600	8230	8430	9010	8500
Thallium	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Vanadium	5.0 U	5.0 U	22.1	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	52.3	5.0 U
Zinc	850	5.3	25.0	5.0 U	5.0 U	5.0 U	131	14.2	57.1	5.0 U
Cyanide (mg/L)	10.0 U	NA	10.0 U	NA	10.0 U	NA	10.0 U	NA	10.0 U	NA

U = Non detect
J = Estimated quantity
NA - Not Applicable
Concentration exceeds Wisconsin Enforcement Standard

Table 3-4
Scrap Processing
Groundwater Sampling Analytical Results
Metals
Medford, Wisconsin
(Continued)

Sample Location: SP5=	GWMP3	GWMP3	GWMP4	GWMP4	GWMW2D	GWMW2D	GWMW2S	GWMW2S	GWMW1D	GWMW1D
U.S. EPA Sample ID: 2001ZG02	S16	S16-F	S17	S17-F	S18	S18-F	S19	S19-F	S20	S20-F
Sample Date:	1/10/01	1/10/01	1/10/01	1/10/01	1/9/01	1/9/01	1/9/01	1/9/01	1/12/01	1/12/01
PARAMETER (ug/L)										
Aluminum	12200	50.0 U	5570 J	50.0 U	909	50.0 U	2510	50.0 U	50.0 U	50.0 U
Antimony	5.0 U	5.0 U	5.5	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Arsenic	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Barium	207	48.0	102	30.8	70.6	61.8	76.7	57.8	64.2	63.8
Beryllium	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Cadmium	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Calcium	47800	39600	31300	31500	38800	38000	35200	35100	39700	40400
Chromium	23.0	5.0 U	12.2	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Cobalt	8.6	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Copper	13.0	5.0 U	6.5	5.0 U	5.0 U	5.0 U	6.4	5.0 U	5.0 U	5.0 U
Iron	25900	111	8240	40.0 U	1170	61.1	192.0	40.0 U	504	461
Lead	7.8	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Magnesium	16700	11800	10400	9460	11700	11400	13100	12600	10900	11000
Manganese	1450	498	630	253	229	201	720	610	62	61
Mercury	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Nickel	16.5	5.0 U	8.6	5.0 U	5.0 U	5.0 U	6.3	5.0 U	5.0 U	5.0 U
Potassium	1540	354	709	356	951	762	1520	901	550	550
Selenium	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Silver	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Sodium	8310	7560	5960	5980	7290	7090	6690	6450	7560	7700
Thallium	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Vanadium	410	5.0 U	16.4	5.0 U	5.0 U	5.0 U	8.2	5.0 U	5.0 U	5.0 U
Zinc	60.6	5.0 U	24.5	5.0 U	5.0 U	5.0 U	7.6	5.0 U	5.0 U	5.0 U
Cyanide (mg/L)	10.0 U	NA	10.0 U	NA	10.0 U	NA	10.0 U	NA	10.0 U	NA

U = Non detect
J = Estimated quantity
NA - Not Applicable
Concentration exceeds Wisconsin Enforcement Standard

Table 3-4
Scrap Processing
Groundwater Sampling Analytical Results
Metals
Medford, Wisconsin
(Continued)

Sample Location: SP5-	GWMW1S	GWMW1S	GWMP2D	GWMP2D	GWMP9D	GWMP9D	GWMW1S	GWMW1S	GWFB01	GWFB01
U.S. EPA Sample ID: 2001ZG02	S21	S21-F	D01	D01-F	D02	D02-F	D03	D03-F	R01	R01-F
Sample Date:	1/12/01	1/12/01	1/11/01	1/11/01	1/11/01	1/11/01	1/12/01	1/12/01	1/10/01	1/10/01
PARAMETER (ug/L)										
Aluminum	39100 J	164 J	50.0 U	50.0 U	50.0 U	50.0 U	44800 J	50.0 U	89.4 J	57.1 J
Antimony	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	6.8	5.0 U	5.0 U	5.0 U
Arsenic	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	9.7 J	5.0 U	5.0 U	5.0 U
Barium	268	38.2	99.5	86.7	68.5	67.8	283	36.8	5.0 U	5.0 U
Beryllium	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Cadmium	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Calcium	33400	25300	40800	40900	40100	40100	34300	24600	75.8	79.0
Chromium	90.6	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	100	5.0 U	5.0 U	5.0 U
Cobalt	31.6	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	33.6	5.0 U	5.0 U	5.0 U
Copper	87.8	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	94.2	5.0 U	5.0 U	5.0 U
Iron	59700	154	330	259	823	57.4	97400	40.0 U	122	82.2
Lead	38.1	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	12.9	2.0 U	2.0 U	2.0 U
Magnesium	23600	11400	11600	11700	11800	11900	24600	11000	50.0 U	50.0 U
Manganese	716	5.0 U	156	155	181	131	773	5.0 U	5.0 U	5.0 U
Mercury	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Nickel	62.8	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	67.8	5.0 U	5.0 U	5.0 U
Potassium	3400	250 U	839	836	722	737	3890	278	250 U	250 U
Selenium	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Silver	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Sodium	13700	12700	8600	8620	8110	8390	13800	12500	200 U	200 U
Thallium	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Vanadium	148	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	169	5.0 U	5.0 U	5.0 U
Zinc	108	5.0 U	415	35.8	77.1	6.3	117	5.0 U	5.0 U	5.0 U
Cyanide (mg/L)	10.0 U	NA	10.0 U	NA	10.0 U	NA	10.0 U	NA	10.0 U	NA

U = Non detect
J = Estimated quantity
NA - Not Applicable
Concentration exceeds Wisconsin Enforcement Standard

Table 3-4
Scrap Processing
Groundwater Sampling Analytical Results
Metals
Medford, Wisconsin
(Continued)

Sample Location: SP5-	GWFB02	GWFB02	GWFB03	GWFB03
U.S. EPA Sample ID: 2001ZG02	R02	R02-F	R03	R03-F
Sample Date:	1/12/01	1/12/01	1/12/01	1/12/01
PARAMETER (ug/L)				
Aluminum	50.0 U	50.0 U	50.0 U	50.0 U
Antimony	5.0 U	5.0 U	5.0 U	5.0 U
Arsenic	5.0 U	5.0 U	5.0 U	5.0 U
Barium	5.0 U	5.0 U	5.0 U	5.0 U
Beryllium	5.0 U	5.0 U	5.0 U	5.0 U
Cadmium	0.50 U	0.50 U	0.50 U	0.50 U
Calcium	50.0 U	50.0 U	50.0 U	50.0 U
Chromium	5.0 U	5.0 U	5.0 U	5.0 U
Cobalt	5.0 U	5.0 U	5.0 U	5.0 U
Copper	5.0 U	5.0 U	5.0 U	5.0 U
Iron	40.0 U	40.0 U	40.0 U	40.0 U
Lead	2.0 U	2.0 U	2.0 U	2.0 U
Magnesium	50.0 U	50.0 U	50.0 U	50.0 U
Manganese	5.0 U	5.0 U	5.0 U	5.0 U
Mercury	0.20 U	0.20 U	0.20 U	0.20 U
Nickel	5.0 U	5.0 U	5.0 U	5.0 U
Potassium	250 U	250 U	250 U	250 U
Selenium	2.0 U	2.0 U	2.0 U	2.0 U
Silver	5.0 U	5.0 U	5.0 U	5.0 U
Sodium	200 U	200 U	200 U	200 U
Thallium	2.0 U	2.0 U	2.0 U	2.0 U
Vanadium	5.0 U	5.0 U	5.0 U	5.0 U
Zinc	5.0 U	5.0 U	5.0 U	5.0 U
Cyanide (mg/L)	10.0 U	NA	10.0 U	NA

U = Non detect

J = Estimated quantity

NA - Not Applicable

Concentration exceeds Wisconsin Enforcement Standard

Table 3-1
Scrap Processing
Groundwater Sampling Analytical Results
VOCs
Medford, Wisconsin

Sample Location:SP7-	Wisc. PAL	Wisc. ES	MBD	MP1	MP2D	MP2S	MP3	MP3D
U.S. EPA Sample ID:			E0018	E0025	E0001	E0002	E0026	E0010
Sample Date:			11/7/2001	11/8/2001	11/5/2001	11/5/2001	11/8/2001	11/6/2001
VOLATILE COMPOUND (ug/L)								
Chloromethane	0.3	3	0.24 U	0.50 U	0.12 U	0.24 U	0.50 U	0.16 U
Bromomethane	1	10	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Vinyl Chloride	0.02	0.2	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Chloroethane	80	400	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Methylene Chloride	0.5	5	0.40 J	0.20 J	0.18 J	0.13 J	0.19 J	0.50 U
Acetone	200	1000	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Carbon Disulfide	200	1000	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1, 1-Dichloroethene	0.7	7	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1, 1-Dichloroethane	85	850	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
cis-1, 2-Dichloroethene	7	70	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
trans-1,2-Dichloroethene	20	100	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Chloroform	0.6	6	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,2-Dichloroethane	0.5	5	0.50 U	0.12 J	0.50 U	0.50 U	0.50 U	0.50 U
2-Butanone	–	–	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Bromochloromethane	–	–	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1, 1, 1-Trichloroethane	40	200	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Carbon Tetrachloride	0.5	5	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Bromodichloromethane	0.06	0.6	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,2-Dichloropropane	0.5	5	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
cis-1,3-Dichloropropene	0.02	0.2	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Trichloroethene	0.5	5	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Dibromochloromethane	6	60	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,1,2-Trichloroethane	0.5	5	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Benzene	0.5	5	0.50 U	0.16 J	0.50 J	0.50 J	0.50 U	0.50 U
trans-1,3-Dichloropropene	0.02	0.2	0.13 J	0.50 U	0.50 U	0.11 J	0.50 U	0.14 J
Bromoform	0.44	4.4	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
4-Methyl-2-pentanone	–	–	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Hexanone	–	–	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Tetrachloroethene	0.5	5	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1, 1, 2, 2-Tetrachloroethane	0.02	0.2	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,2-Dibromoethane	0.005	0.5	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Toluene	200	1000	0.14 U	1.8	0.28 U	0.15 U	0.81	0.17 U
Chlorobenzene	–	–	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Ethylbenzene	140	700	0.50 U	0.27 J	0.50 U	0.50 U	0.21 J	0.50 U
Styrene	10	10	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Xylenes (total)	1000	10000	0.50 U	1.7	0.50 U	0.50 U	1.3	0.11 U
1, 3-Dichlorobenzene	125	1250	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1, 4-Dichlorobenzene	15	75	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1, 2-Dichlorobenzene	60	600	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,2-Dibromo-3-chloropropane	0.02	0.2	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,2,4-Trichlorobenzene	14	70	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U

U = Non detect
J = Estimated Quantity
– = none listed

Bold, Underlined, Italicized = Concentration exceeds Wisconsin Preventative Action Limit

Highlighted Concentration exceeds Wisconsin Enforcement Standard

Table 3-1
Scrap Processing
Groundwater Sampling Analytical Results
VOCs
Medford, Wisconsin

Sample Location:SP6-	Wisc. PAL	Wisc. ES	MP3D-DUP	MP4	MP5	MP6	MP7
U.S. EPA Sample ID:			E011	E0024	E0008	E0003	E0020
Sample Date:			11/6/2001	11/7/2001	11/6/2001	11/5/2001	11/7/2001
VOLATILE COMPOUND (ug/L)							
Chloromethane	0.3	3	0.16 U	0.50 U	0.15 U	0.11 U	0.28 U
Bromomethane	1	10	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Vinyl Chloride	0.02	0.2	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Chloroethane	80	400	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Methylene Chloride	0.5	5	0.50 U	0.50 J	0.50 U	0.16 J	0.50 U
Acetone	200	1000	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Carbon Disulfide	200	1000	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1, 1-Dichloroethene	0.7	7	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1, 1-Dichloroethane	85	850	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
cis-1, 2-Dichloroethene	7	70	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
trans-1,2-Dichloroethene	20	100	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Chloroform	0.6	6	0.50 U	0.50 U	0.35 U	0.50 U	0.50 U
1,2-Dichloroethane	0.5	5	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
2-Butanone	--	--	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Bromochloromethane	--	--	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1, 1, 1-Trichloroethane	40	200	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Carbon Tetrachloride	0.5	5	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Bromodichloromethane	0.06	0.6	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,2-Dichloropropane	0.5	5	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
cis-1,3-Dichloropropene	0.02	0.2	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Trichloroethene	0.5	5	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Dibromochloromethane	6	60	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,1,2-Trichloroethane	0.5	5	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Benzene	0.5	5	0.50 U	0.12 J	0.50 U	0.50 J	0.50 U
trans-1,3-Dichloropropene	0.02	0.2	0.16 J	0.50 U	0.12 J	0.13 J	0.50 U
Bromoform	0.44	4.4	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
4-Methyl-2-pentanone	--	--	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Hexanone	--	--	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Tetrachloroethene	0.5	5	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1, 1, 2, 2-Tetrachloroethane	0.02	0.2	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,2-Dibromoethane	0.005	0.5	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Toluene	200	1000	0.30 U	2.0	0.13 U	0.20 U	0.16 U
Chlorobenzene	--	--	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Ethylbenzene	140	700	0.50 U	0.21 J	0.50 U	0.50 U	0.50 U
Styrene	10	10	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Xylenes (total)	1000	10000	0.50 U	1.1	0.50 U	0.50 U	0.50 U
1, 3-Dichlorobenzene	125	1250	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1, 4-Dichlorobenzene	15	75	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1, 2-Dichlorobenzene	60	600	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,2-Dibromo-3-chloropropane	0.02	0.2	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,2,4-Trichlorobenzene	14	70	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U

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Table 3-1
Scrap Processing
Groundwater Sampling Analytical Results
VOCs
Medford, Wisconsin

Sample Location:SP6-	Wisc. PAL	Wisc. ES	MP7-DUP	MP8	MP9D	MP9S	MP10S
U.S. EPA Sample ID:			E0021	E0022	E0006	E0007	E0005
Sample Date:			11/7/2001	11/7/2001	11/6/2001	11/6/2001	11/6/2001
VOLATILE COMPOUND (ug/L)							
Chloromethane	0.3	3	0.50 U	0.18 U	0.21 U	0.15 U	0.17 U
Bromomethane	1	10	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Vinyl Chloride	0.02	0.2	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Chloroethane	80	400	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Methylene Chloride	0.5	5	0.11 J	0.10 J	0.50 U	0.50 U	0.13 J
Acetone	200	1000	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Carbon Disulfide	200	1000	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1, 1-Dichloroethene	0.7	7	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1, 1-Dichloroethane	85	850	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
cis-1, 2-Dichloroethene	7	70	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
trans-1,2-Dichloroethene	20	100	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Chloroform	0.6	6	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,2-Dichloroethane	0.5	5	0.50 U	0.50 U	0.50 U	0.50 U	***1.2***
2-Butanone	--	--	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Bromochloromethane	--	--	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1, 1, 1-Trichloroethane	40	200	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Carbon Tetrachloride	0.5	5	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Bromodichloromethane	0.06	0.6	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,2-Dichloropropane	0.5	5	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
cis-1,3-Dichloropropene	0.02	0.2	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Trichloroethene	0.5	5	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Dibromochloromethane	6	60	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,1,2-Trichloroethane	0.5	5	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Benzene	0.5	5	0.50 U	0.50 U	0.50 J	0.10 J	0.50 J
trans-1,3-Dichloropropene	0.02	0.2	0.50 U	0.50 U	0.13 J	0.14 J	0.12 J
Bromoform	0.44	4.4	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
4-Methyl-2-pentanone	--	--	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Hexanone	--	--	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Tetrachloroethene	0.5	5	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1, 1, 2, 2-Tetrachloroethane	0.02	0.2	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,2-Dibromoethane	0.005	0.5	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Toluene	200	1000	0.50 U	0.17 U	0.14 U	0.19 U	0.19 U
Chlorobenzene	--	--	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Ethylbenzene	140	700	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Styrene	10	10	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Xylenes (total)	1000	10000	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1, 3-Dichlorobenzene	125	1250	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1, 4-Dichlorobenzene	15	75	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1, 2-Dichlorobenzene	60	600	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,2-Dibromo-3-chloropropane	0.02	0.2	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,2,4-Trichlorobenzene	14	70	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U

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J = Estimated Quantity
-- = none listed

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Table 3-1
Scrap Processing
Groundwater Sampling Analytical Results
VOCs
Medford, Wisconsin

Sample Location:SP6-	Wisc. PAL	Wisc. ES	MW1D	MW1S	MW2D	MW2S	MW3S	MW4S
U.S. EPA Sample ID:			E0012	E0013	E0016	E0017	E0031	E0030
Sample Date:			11/6/2001	11/6/2001	11/7/2001	11/7/2001	11/8/2001	11/8/2001
VOLATILE COMPOUND (ug/L)								
Chloromethane	0.3	3	0.29 U	0.12 U	0.50 U	0.19 U	0.50 U	0.50 U
Bromomethane	1	10	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Vinyl Chloride	0.02	0.2	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Chloroethane	80	400	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Methylene Chloride	0.5	5	0.50 U	0.29 J	0.33 J	0.32 J	0.50 U	0.50 U
Acetone	200	1000	5.0 U	5.0 U	5.0 U	5.0 U	2.4 U	5.0 U
Carbon Disulfide	200	1000	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1, 1-Dichloroethene	0.7	7	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1, 1-Dichloroethane	85	850	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
cis-1, 2-Dichloroethene	7	70	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
trans-1,2-Dichloroethene	20	100	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Chloroform	0.6	6	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,2-Dichloroethane	0.5	5	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
2-Butanone	--	--	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Bromochloromethane	--	--	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1, 1, 1-Trichloroethane	40	200	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Carbon Tetrachloride	0.5	5	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Bromodichloromethane	0.06	0.6	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,2-Dichloropropane	0.5	5	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
cis-1,3-Dichloropropene	0.02	0.2	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Trichloroethene	0.5	5	0.50 U	***1.2***	0.50 U	0.16 J	0.50 U	0.50 U
Dibromochloromethane	6	60	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,1,2-Trichloroethane	0.5	5	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Benzene	0.5	5	0.50 U	0.50 U	0.50 U	0.50 U	0.22 J	0.50 U
trans-1,3-Dichloropropene	0.02	0.2	0.14 J	0.16 J	0.15 J	0.14 J	0.50 U	0.50 U
Bromoform	0.44	4.4	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
4-Methyl-2-pentanone	--	--	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Hexanone	--	--	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Tetrachloroethene	0.5	5	0.50 U	***1.8***	0.50 U	0.50 U	0.50 U	0.50 U
1, 1, 2, 2-Tetrachloroethane	0.02	0.2	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,2-Dibromoethane	0.005	0.5	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Toluene	200	1000	0.12 U	0.10 U	0.16 U	0.15 U	0.50 U	0.50 U
Chlorobenzene	--	--	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Ethylbenzene	140	700	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Styrene	10	10	0.50 U	0.50 U	0.50 U	0.50 U	0.15 J	0.14 J
Xylenes (total)	1000	10000	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1, 3-Dichlorobenzene	125	1250	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1, 4-Dichlorobenzene	15	75	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1, 2-Dichlorobenzene	60	600	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,2-Dibromo-3-chloropropane	0.02	0.2	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,2,4-Trichlorobenzene	14	70	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U

U = Non detect

J = Estimated Quantity

-- = none listed

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Highlighted Concentration exceeds Wisconsin Enforcement Standard

Table 3-1
Scrap Processing
Groundwater Sampling Analytical Results
VOCs
Medford, Wisconsin

Sample Location:SP6-	Wisc. PAL	Wisc. ES	MW10D	MW10D-DUP	TB01	TB02	TB03
U.S. EPA Sample ID:			E0027	E0028	E0009	E0015	E0023
Sample Date:			11/8/2001	11/8/2001	11/6/2001	11/7/2001	11/8/2001
VOLATILE COMPOUND (ug/L)							
Chloromethane	0.3	3	0.50 U	0.50 U	0.12 J	0.16 J	0.38 J
Bromomethane	1	10	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Vinyl Chloride	0.02	0.2	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Chloroethane	80	400	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Methylene Chloride	0.5	5	0.50 U	0.50 U	0.50 U	0.50 U	0.11 J
Acetone	200	1000	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Carbon Disulfide	200	1000	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1, 1-Dichloroethene	0.7	7	0.14 J	0.50 U	0.50 U	0.50 U	0.12 J
1, 1-Dichloroethane	85	850	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
cis-1, 2-Dichloroethene	7	70	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
trans-1,2-Dichloroethene	20	100	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Chloroform	0.6	6	0.50 U	0.50 U	0.36 J	0.32 J	0.50 U
1,2-Dichloroethane	0.5	5	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
2-Butanone	--	--	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Bromochloromethane	--	--	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1, 1, 1-Trichloroethane	40	200	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Carbon Tetrachloride	0.5	5	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Bromodichloromethane	0.06	0.6	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,2-Dichloropropane	0.5	5	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
cis-1,3-Dichloropropene	0.02	0.2	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Trichloroethene	0.5	5	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Dibromochloromethane	6	60	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,1,2-Trichloroethane	0.5	5	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Benzene	0.5	5	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
trans-1,3-Dichloropropene	0.02	0.2	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Bromoform	0.44	4.4	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
4-Methyl-2-pentanone	--	--	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Hexanone	--	--	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Tetrachloroethene	0.5	5	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1, 1, 2, 2-Tetrachloroethane	0.02	0.2	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,2-Dibromoethane	0.005	0.5	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Toluene	200	1000	0.50 U	0.66 U	0.11 J	0.50 U	0.13 J
Chlorobenzene	--	--	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Ethylbenzene	140	700	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Styrene	10	10	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Xylenes (total)	1000	10000	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1, 3-Dichlorobenzene	125	1250	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1, 4-Dichlorobenzene	15	75	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1, 2-Dichlorobenzene	60	600	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,2-Dibromo-3-chloropropane	0.02	0.2	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,2,4-Trichlorobenzene	14	70	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U

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Table 3-1
Scrap Processing
Groundwater Sampling Analytical Results
VOCs
Medford, Wisconsin

Sample Location:SP6-	Wisc. PAL	Wisc. ES	TBO4	FB01	FB02	FB03
U.S. EPA Sample ID:			E0032	E0004	E0014	E0029
Sample Date:			11/8/2001	11/6/2001	11/7/2001	11/8/2001
VOLATILE COMPOUND (ug/L)						
Chloromethane	0.3	3	0.50 U	0.23 U	0.20 U	0.50 U
Bromomethane	1	10	0.50 UJ	0.50 U	0.50 U	0.50 U
Vinyl Chloride	0.02	0.2	0.50 U	0.50 U	0.50 U	0.50 U
Chloroethane	80	400	0.50 U	0.50 U	0.50 U	0.50 U
Methylene Chloride	0.5	5	0.50 U	0.50 U	0.50 U	0.25 J
Acetone	200	1000	3.3 U	5.0 U	5.0 U	5.0 U
Carbon Disulfide	200	1000	0.50 U	0.50 U	0.50 U	0.50 U
1, 1-Dichloroethene	0.7	7	0.50 U	0.50 U	0.50 U	0.50 U
1, 1-Dichloroethane	85	850	0.50 U	0.50 U	0.50 U	0.50 U
cis-1, 2-Dichloroethene	7	70	0.50 U	0.50 U	0.50 U	0.50 U
trans-1,2-Dichloroethene	20	100	0.50 U	0.50 U	0.50 U	0.50 U
Chloroform	0.6	6	0.36 J	0.29 J	0.32 U	0.50 U
1,2-Dichloroethane	0.5	5	0.50 U	0.50 U	0.50 U	0.50 U
2-Butanone	--	--	5.0 U	5.0 U	5.0 U	5.0 U
Bromochloromethane	--	--	0.50 U	0.50 U	0.50 U	0.50 U
1, 1, 1-Trichloroethane	40	200	0.50 U	0.50 U	0.50 U	0.50 U
Carbon Tetrachloride	0.5	5	0.50 U	0.50 U	0.50 U	0.50 U
Bromodichloromethane	0.06	0.6	0.50 U	0.50 U	0.50 U	0.50 U
1,2-Dichloropropane	0.5	5	0.50 U	5.4	0.50 U	0.50 U
cis-1,3-Dichloropropene	0.02	0.2	0.50 U	0.50 U	0.50 U	0.50 U
Trichloroethene	0.5	5	0.50 U	0.50 U	0.50 U	0.50 U
Dibromochloromethane	6	60	0.50 U	0.50 U	0.50 U	0.50 U
1,1,2-Trichloroethane	0.5	5	0.50 U	0.50 U	0.50 U	0.50 U
Benzene	0.5	5	0.50 U	0.50 J	0.25 J	0.50 U
trans-1,3-Dichloropropene	0.02	0.2	0.50 U	0.50 U	0.50 U	0.50 U
Bromoform	0.44	4.4	0.50 U	0.50 U	0.50 U	0.50 U
4-Methyl-2-pentanone	--	--	5.0 U	5.0 U	5.0 U	5.0 U
2-Hexanone	--	--	5.0 U	5.0 U	5.0 U	5.0 U
Tetrachloroethene	0.5	5	0.50 U	0.50 U	0.50 U	0.50 U
1, 1, 2, 2-Tetrachloroethane	0.02	0.2	0.50 U	0.50 U	0.50 U	0.50 U
1,2-Dibromoethane	0.005	0.5	0.50 U	0.50 U	0.50 U	0.50 U
Toluene	200	1000	0.10 J	0.41 U	1.1	0.50 U
Chlorobenzene	--	--	0.50 U	0.50 U	0.50 U	0.50 U
Ethylbenzene	140	700	0.50 U	0.50 U	0.50 U	0.50 U
Styrene	10	10	0.50 U	0.50 U	0.50 U	0.50 U
Xylenes (total)	1000	10000	0.12 J	0.12 J	0.29 J	0.50 U
1, 3-Dichlorobenzene	125	1250	0.50 U	0.50 U	0.50 U	0.50 U
1, 4-Dichlorobenzene	15	75	0.50 U	0.50 U	0.50 U	0.50 U
1, 2-Dichlorobenzene	60	600	0.50 U	0.50 U	0.50 U	0.50 U
1,2-Dibromo-3-chloropropane	0.02	0.2	0.50 U	0.50 U	0.50 U	0.50 U
1,2,4-Trichlorobenzene	14	70	0.50 U	0.50 U	0.50 U	0.50 U

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Table 3-2
Scrap Processing
Groundwater Sampling Analytical Results
Semi-Volatile Organic Compounds
Medford, Wisconsin

Sampling Location : SP7-	Wisc. PAL	Wisc. ES	MBD	MP1	MP2D	MP2S	MP3
U.S. EPA Sample ID:			E0018	E0025	E0001	E0002	E0026
Sample Date :			11/7/2001	11/8/2001	11/5/2001	11/5/2001	11/8/2001
Semivolatile (ug/L)							
Phenol	1200	6000	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
bis(-2-Chloroethyl) ether	--	--	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Chlorophenol	--	--	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Methylphenol	--	--	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2,2'-oxybis(1-Chloropropane)	--	--	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
4-Methylphenol	--	--	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
N-Nitroso-di-n-propylamine	--	--	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Hexachloroethane	--	--	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Nitrobenzene	--	--	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Isophorone	--	--	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Nitrophenol	--	--	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2,4-Dimethyphenol	--	--	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
bis(-2-Chloroethoxy)methane	--	--	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2,4-Dichlorophenol	--	--	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Naphthalene	8	40	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
4-Chloroaniline	--	--	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Hexachlorobutadiene	--	--	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
4-Chloro-3-methylphenol	--	--	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Methylnaphthalene	--	--	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Hexachlorocyclopentadiene	--	--	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2,4,6-Trichlorophenol	--	--	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2,4,5-Trichlorophenol	--	--	20 U	20 U	20 U	20 U	20 U
2-Chloronaphthalene	--	--	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Nitroaniline	--	--	20 U	20 U	20 U	20 U	20 U
Dimethylphthalate	--	--	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Acenaphthylene	--	--	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2,6-Dinitrotoluene	--	--	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
3-Nitroaniline	--	--	20 U	20 U	20 U	20 U	20 U
Acenaphthene	--	--	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U

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Highlighted Concentration exceeds Wisconsin Enforcement Standard

Table 3-2
Scrap Processing
Groundwater Sampling Analytical Results
Semi-Volatile Organic Compounds
Medford, Wisconsin

Sampling Location : SP7-	Wisc. PAL	Wisc. ES	MBD	MP1	MP2D	MP2S	MP3
U.S. EPA Sample ID :			E0018	E0025	E0001	E0002	E0026
Sample Date :			11/7/2001	11/8/2001	11/5/2001	11/5/2001	11/8/2001
Parameter (ug/L)							
2,4-Dinitrophenol	--	--	20 UJ	20 U	20 U	20 U	20 UJ
4-Nitrophenol	--	--	20 U	20 U	20 U	20 U	20 U
Dibenzofuran	--	--	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2,4-Dinitrotoluene	0.005	0.05	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Diethylphthalate	--	--	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
4-Chlorophenyl-phenylether	--	--	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Fluorene	80	400	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
4-Nitroaniline	--	--	20 U	20 U	20 U	20 U	20 U
4,6-Dinitro-2-methylphenol	--	--	20 UJ	20 U	20 U	20 U	20 UJ
N-Nitrosodiphenylamine	0.7	7	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
4-Bromophenyl-phenylether	--	--	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Hexachlorobenzene	0.1	1	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Pentachlorophenol	0.1	1	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Phenanthrene	--	--	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Anthracene	600	3000	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Di-n-butylphthalate	--	--	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Fluoranthene	80	400	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Pyrene	50	250	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Butylbenzylphthalate	--	--	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
3,3'-Dichlorobenzidine	--	--	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Benzo(a)anthracene	--	--	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Chrysene	0.02	0.2	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
bis(2-Ethylhexyl)phthalate	--	--	1.9 J	5.0 U	1.8 U	1.3 U	5.0 U
Di-n-octylphthalate	--	--	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Benzo(b)fluoranthene	0.02	0.2	5.0 U	5.0 R	5.0 U	5.0 UJ	5.0 UJ
Benzo(k)fluoranthene	--	--	5.0 U	5.0 R	5.0 U	5.0 UJ	5.0 UJ
Benzo(a)pyrene	0.02	0.2	5.0 U	5.0 R	5.0 U	5.0 UJ	5.0 UJ
Indeno(1,2,3-cd)pyrene	--	--	5.0 U	5.0 R	5.0 U	5.0 UJ	5.0 UJ
Dibenzo(a,h)anthracene	--	--	5.0 U	5.0 R	5.0 U	5.0 UJ	5.0 UJ
Benzo(g,h,i)perylene	--	--	5.0 U	5.0 R	5.0 U	5.0 UJ	5.0 UJ

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Table 3-2
Scrap Processing
Groundwater Sampling Analytical Results
Semi-Volatile Organic Compounds
Medford, Wisconsin

Sampling Location : SP7-	Wisc. PAL	Wisc. ES	MP3D	MP3D-DUP	MP4	MP5
U.S.EPA Sample ID :			E0010	E011	E0024	E0008
Sample Date :			11/6/2001	11/6/2001	11/7/2001	11/6/2001
Semivolatile (ug/L)						
Phenol	1200	6000	5.0 U	5.0 U	5.0 U	5.0 U
bis(-2-Chloroethyl) ether	--	--	5.0 U	5.0 U	5.0 U	5.0 U
2-Chlorophenol	--	--	5.0 U	5.0 U	5.0 U	5.0 U
2-Methylphenol	--	--	5.0 J	5.0 U	5.0 U	5 0 U
2,2'-oxybis(1-Chloropropane)	--	--	5.0 U	5.0 U	5.0 U	5.0 U
4-Methylphenol	--	--	5.0 U	5.0 U	5.0 U	5.0 U
N-Nitroso-di-n-propylamine	--	--	5.0 U	5.0 U	5.0 U	5.0 U
Hexachloroethane	--	--	5.0 U	5.0 U	5.0 U	5.0 U
Nitrobenzene	--	--	5.0 U	5.0 U	5.0 U	5.0 U
Isophorone	--	--	5.0 U	5.0 U	5.0 U	5.0 U
2-Nitrophenol	--	--	5.0 U	5.0 U	5.0 U	5.0 U
2,4-Dimethyphenol	--	--	5.0 U	5.0 U	5.0 U	5.0 U
bis(-2-Chloroethoxy)methane	--	--	5.0 U	5.0 U	5.0 U	5.0 U
2,4-Dichlorophenol	--	--	5.0 U	5.0 U	5.0 U	5.0 U
Naphthalene	8	40	5.0 U	5.0 U	5.0 U	5.0 U
4-Chloroaniline	--	--	5.0 U	5.0 U	5.0 U	5.0 U
Hexachlorobutadiene	--	--	5.0 U	5.0 U	5.0 U	5.0 U
4-Chloro-3-methylphenol	--	--	5.0 U	5.0 U	5.0 U	5.0 U
2-Methylnaphthalene	--	--	5.0 U	5.0 U	5.0 U	5.0 U
Hexachlorocyclopentadiene	--	--	5.0 U	5.0 U	5.0 U	5.0 U
2,4,6-Trichlorophenol	--	--	5.0 U	5.0 U	5.0 U	5.0 U
2,4,5-Trichlorophenol	--	--	20 U	20 U	20 U	20 U
2-Chloronaphthalene	--	--	5.0 U	5.0 U	5.0 U	5.0 U
2-Nitroaniline	--	--	20 U	20 U	20 U	20 U
Dimethylphthalate	--	--	5.0 U	5.0 U	5.0 U	5.0 U
Acenaphthylene	--	--	5.0 U	5.0 U	5.0 U	5.0 U
2,6-Dinitrotoluene	--	--	5.0 U	5.0 U	5.0 U	5.0 U
3-Nitroaniline	--	--	20 U	20 U	20 U	20 U
Acenaphthene	--	--	5.0 U	5.0 U	5.0 U	5.0 U

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Table 3-2
Scrap Processing
Groundwater Sampling Analytical Results
Semi-Volatile Organic Compounds
Medford, Wisconsin

Sampling Location : SP7-	Wisc. PAL	Wisc. ES	MP3D	MP3D-DUP	MP4	MP5
U.S.EPA Sample ID:			E0010	E011	E0024	E0008
Sample Date :			11/6/2001	11/6/2001	11/7/2001	11/6/2001
Parameter (ug/L)						
2,4-Dinitrophenol	--	--	20 UJ	20 UJ	20 U	20 U
4-Nitrophenol	--	--	20 U	20 U	20 U	20 U
Dibenzofuran	--	--	5.0 U	5.0 U	5.0 U	5.0 U
2,4-Dinitrotoluene	0.005	0.05	5.0 U	5.0 U	5.0 U	5.0 U
Diethylphthalate	--	--	5.0 U	5.0 U	5.0 U	5.0 U
4-Chlorophenyl-phenylether	--	--	5.0 U	5.0 U	5.0 U	5.0 U
Fluorene	80	400	5.0 U	5.0 U	5.0 U	5.0 U
4-Nitroaniline	--	--	20 U	20 U	20 U	20 U
4,6-Dinitro-2-methylphenol	--	--	20 UJ	20 UJ	20 U	20 U
N-Nitrosodiphenylamine	0.7	7	5.0 U	5.0 U	5.0 U	5.0 U
4-Bromophenyl-phenylether	--	--	5.0 U	5.0 U	5.0 U	5.0 U
Hexachlorobenzene	0.1	1	5.0 U	5.0 U	5.0 UJ	5.0 U
Pentachlorophenol	0.1	1	5.0 U	5.0 U	5.0 U	5.0 U
Phenanthrene	--	--	5.0 U	5.0 U	5.0 UJ	5.0 U
Anthracene	600	3000	5.0 U	5.0 U	5.0 UJ	5.0 U
Di-n-butylphthalate	--	--	5.0 U	5.0 U	5.0 U	5.0 U
Fluoranthene	80	400	5.0 U	5.0 U	5.0 U	5.0 U
Pyrene	50	250	5.0 U	5.0 U	5.0 U	5.0 U
Butylbenzylphthalate	--	--	5.0 U	5.0 U	5.0 U	5.0 U
3,3'-Dichlorobenzidine	--	--	5.0 U	5.0 U	5.0 U	5.0 U
Benzo(a)anthracene	--	--	5.0 U	5.0 U	5.0 U	5.0 U
Chrysene	0.02	0.2	5.0 U	5.0 U	5.0 U	5.0 U
bis(2-Ethylhexyl)phthalate	--	--	5.0 U	4.9 U	5.0 U	0.98 U
Di-n-octylphthalate	--	--	5.0 U	5.0 U	5.0 U	5.0 U
Benzo(b)fluoranthene	0.02	0.2	5.0 U	5.0 U	5.0 R	5.0 U
Benzo(k)fluoranthene	--	--	5.0 U	5.0 U	5.0 R	5.0 U
Benzo(a)pyrene	*0.02*	*0.2*	*5.0 U*	*5.0 U*	*5.0 R*	*5.0 U*
Indeno(1,2,3-cd)pyrene	--	--	5.0 U	5.0 U	5.0 R	5.0 U
Dibenzo(a,h)anthracene	--	--	5.0 U	5.0 U	5.0 R	5.0 U
Benzo(g,h,i)perylene	--	--	5.0 U	5.0 U	5.0 R	5.0 U

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Table 3-2
Scrap Processing
Groundwater Sampling Analytical Results
Semi-Volatile Organic Compounds
Medford, Wisconsin

Sampling Location : SP7-	Wisc. PAL	Wisc. ES	MP6	MP7	MP7-DUP	MP8
U.S. EPA Sample ID :			E0003	E0020	E0021	E0022
Sample Date :			11/5/2001	11/7/2001	11/7/2001	11/7/2001
Semivolatile (ug/L)						
Phenol	1200	6000	5.0 U	5.0 U	5.0 U	5.0 U
bis(-2-Chloroethyl) ether	--	--	5.0 U	5.0 U	5.0 U	5.0 U
2-Chlorophenol	--	--	5.0 U	5.0 U	5.0 U	5.0 U
2-Methylphenol	--	--	5.0 U	5.0 U	5.0 U	5.0 U
2,2'-oxybis(1-Chloropropane)	--	--	5.0 U	5.0 U	5.0 U	5.0 U
4-Methylphenol	--	--	5.0 U	5.0 U	5.0 U	5.0 U
N-Nitroso-di-n-propylamine	--	--	5.0 U	5.0 U	5.0 U	5.0 U
Hexachloroethane	--	--	5.0 U	5.0 U	5.0 U	5.0 U
Nitrobenzene	--	--	5.0 U	5.0 U	5.0 U	5.0 U
Isophorone	--	--	5.0 U	5.0 U	5.0 U	5.0 U
2-Nitrophenol	--	--	5.0 U	5.0 U	5.0 U	5.0 U
2,4-Dimethyphenol	--	--	5.0 U	5.0 U	5.0 U	5.0 U
bis(-2-Chloroethoxy)methane	--	--	5.0 U	5.0 U	5.0 U	5.0 U
2,4-Dichlorophenol	--	--	5.0 U	5.0 U	5.0 U	5.0 U
Naphthalene	8	40	5.0 U	5.0 U	5.0 U	5.0 U
4-Chloroaniline	--	--	5.0 U	5.0 U	5.0 U	5.0 U
Hexachlorobutadiene	--	--	5.0 U	5.0 U	5.0 U	5.0 U
4-Chloro-3-methylphenol	--	--	5.0 U	5.0 U	5.0 U	5.0 U
2-Methylnaphthalene	--	--	5.0 U	5.0 U	5.0 U	5.0 U
Hexachlorocyclopentadiene	--	--	5.0 U	5.0 U	5.0 U	5.0 U
2,4,6-Trichlorophenol	--	--	5.0 U	5.0 U	5.0 U	5.0 U
2,4,5-Trichlorophenol	--	--	20 U	20 U	20 U	20 U
2-Chloronaphthalene	--	--	5.0 U	5.0 U	5.0 U	5.0 U
2-Nitroaniline	--	--	20 U	20 U	20 U	20 U
Dimethylphthalate	--	--	5.0 U	5.0 U	5.0 U	5.0 U
Acenaphthylene	--	--	5.0 U	5.0 U	5.0 U	5.0 U
2,6-Dinitrotoluene	--	--	5.0 U	5.0 U	5.0 U	5.0 U
3-Nitroaniline	--	--	20 U	20 U	20 U	20 U
Acenaphthene	--	--	5.0 U	5.0 U	5.0 U	5.0 U

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Table 3-2
Scrap Processing
Groundwater Sampling Analytical Results
Semi-Volatile Organic Compounds
Medford, Wisconsin

Sampling Location : SP7-	Wisc. PAL	Wisc. ES	MP6	MP7	MP7-DUP	MP8
U.S.EPA Sample ID :			E0003	E0020	E0021	E0022
Sample Date :			11/5/2001	11/7/2001	11/7/2001	11/7/2001
Parameter (ug/L)						
2,4-Dinitrophenol	--	--	20 U	20 UJ	20 UJ	20 UJ
4-Nitrophenol	--	--	20 U	20 U	20 U	20 U
Dibenzofuran	--	--	5.0 U	5.0 U	5.0 U	5.0 U
2,4-Dinitrotoluene	0.005	0.05	5.0 U	5.0 U	5.0 U	5.0 U
Diethylphthalate	--	--	5.0 U	5.0 U	5.0 U	5.0 U
4-Chlorophenyl-phenylether	--	--	5.0 U	5.0 U	5.0 U	5.0 U
Fluorene	80	400	5.0 U	5.0 U	5.0 U	5.0 U
4-Nitroaniline	--	--	20 U	20 U	20 U	20 U
4,6-Dinitro-2-methylphenol	--	--	20 U	20 UJ	20 UJ	20 UJ
N-Nitrosodiphenylamine	0.7	7	5.0 U	5.0 U	5.0 U	5.0 U
4-Bromophenyl-phenylether	--	--	5.0 U	5.0 U	5.0 U	5.0 U
Hexachlorobenzene	0.1	1	5.0 U	5.0 U	5.0 U	5.0 U
Pentachlorophenol	0.1	1	5.0 U	5.0 U	5.0 U	5.0 U
Phenanthrene	--	--	5.0 U	5.0 U	5.0 U	5.0 U
Anthracene	600	3000	5.0 U	5.0 U	5.0 U	5.0 U
Di-n-butylphthalate	--	--	5.0 U	5.0 U	5.0 U	5.0 U
Fluoranthene	80	400	5.0 U	5.0 U	5.0 U	5.0 U
Pyrene	50	250	5.0 U	5.0 U	5.0 U	5.0 U
Butylbenzylphthalate	--	--	5.0 U	5.0 U	5.0 U	5.0 U
3,3'-Dichlorobenzidine	--	--	5.0 U	5.0 U	5.0 U	5.0 U
Benzo(a)anthracene	--	--	5.0 U	5.0 U	5.0 U	5.0 U
Chrysene	0.02	0.2	5.0 U	5.0 U	5.0 U	5.0 U
bis(2-Ethylhexyl)phthalate	--	--	1.1 U	5.0 U	5.0 U	5.0 U
Di-n-octylphthalate	--	--	5.0 U	5.0 U	5.0 U	5.0 U
Benzo(b)fluoranthene	0.02	0.2	5.0 U	5.0 UJ	5.0 U	5.0 UJ
Benzo(k)fluoranthene	--	--	5.0 U	5.0 UJ	5.0 U	5.0 UJ
Benzo(a)pyrene	0.02	0.2	5.0 U	5.0 UJ	5.0 U	5.0 UJ
Indeno(1,2,3-cd)pyrene	--	--	5.0 U	5.0 UJ	5.0 U	5.0 UJ
Dibenzo(a,h)anthracene	--	--	5.0 U	5.0 UJ	5.0 U	5.0 UJ
Benzo(g,h,i)perylene	--	--	5.0 U	5.0 UJ	5.0 U	5.0 UJ

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Table 3-2
Scrap Processing
Groundwater Sampling Analytical Results
Semi-Volatile Organic Compounds
Medford, Wisconsin

Sampling Location : SP7-	Wisc. PAL	Wisc. ES	MP9D	MP9S	MP10S	MW1D	MW1S
U.S. EPA Sample ID :			E0006	E0007	E0005	E0012	E0013
Sample Date :			11/6/2001	11/6/2001	11/6/2001	11/6/2001	11/6/2001
Semivolatile (ug/L)							
Phenol	1200	6000	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
bis(-2-Chloroethyl) ether	--	--	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Chlorophenol	--	--	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Methylphenol	--	--	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2,2'-oxybis(1-Chloropropane)	--	--	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
4-Methylphenol	--	--	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
N-Nitroso-di-n-propylamine	--	--	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Hexachloroethane	--	--	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Nitrobenzene	--	--	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Isophorone	--	--	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Nitrophenol	--	--	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2,4-Dimethyphenol	--	--	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
bis(-2-Chloroethoxy)methane	--	--	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2,4-Dichlorophenol	--	--	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Naphthalene	8	40	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
4-Chloroaniline	--	--	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Hexachlorobutadiene	--	--	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
4-Chloro-3-methylphenol	--	--	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Methylnaphthalene	--	--	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Hexachlorocyclopentadiene	--	--	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2,4,6-Trichlorophenol	--	--	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2,4,5-Trichlorophenol	--	--	20 U	20 U	20 U	20 U	20 U
2-Chloronaphthalene	--	--	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Nitroaniline	--	--	20 U	20 U	20 U	20 U	20 U
Dimethylphthalate	--	--	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Acenaphthylene	--	--	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2,6-Dinitrotoluene	--	--	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
3-Nitroaniline	--	--	20 U	20 U	20 U	20 U	20 U
Acenaphthene	--	--	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U

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Table 3-2
Scrap Processing
Groundwater Sampling Analytical Results
Semi-Volatile Organic Compounds
Medford, Wisconsin

Sampling Location : SP7-	Wisc. PAL	Wisc. ES	MP9D	MP9S	MP10S	MW1D	MW1S
U.S.EPA Sample ID :			E0006	E0007	E0005	E0012	E0013
Sample Date :			11/6/2001	11/6/2001	11/6/2001	11/6/2001	11/6/2001
Parameter (ug/L)							
2,4-Dinitrophenol	--	--	20 U	20 U	20 U	20 UJ	20 UJ
4-Nitrophenol	--	--	20 U	20 U	20 U	20 U	20 U
Dibenzofuran	--	--	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2,4-Dinitrotoluene	0.005	0.05	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Diethylphthalate	--	--	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
4-Chlorophenyl-phenylether	--	--	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Fluorene	80	400	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
4-Nitroaniline	--	--	20 U	20 U	20 U	20 U	20 U
4,6-Dinitro-2-methylphenol	--	--	20 U	20 U	20 U	20 UJ	20 UJ
N-Nitrosodiphenylamine	0.7	7	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
4-Bromophenyl-phenylether	--	--	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Hexachlorobenzene	0.1	1	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Pentachlorophenol	0.1	1	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Phenanthrene	--	--	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Anthracene	600	3000	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Di-n-butylphthalate	--	--	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Fluoranthene	80	400	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Pyrene	50	250	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Butylbenzylphthalate	--	--	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
3,3'-Dichlorobenzidine	--	--	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Benzo(a)anthracene	--	--	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Chrysene	0.02	0.2	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
bis(2-Ethylhexyl)phthalate	--	--	3.0 U	5.0 U	2.2 U	5.0 U	5.0 U
Di-n-octylphthalate	--	--	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Benzo(b)fluoranthene	0.02	0.2	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ
Benzo(k)fluoranthene	--	--	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ
Benzo(a)pyrene	0.02	0.2	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ
Indeno(1,2,3-cd)pyrene	--	--	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ
Dibenzo(a,h)anthracene	--	--	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ
Benzo(g,h,i)perylene	--	--	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ

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Table 3-2
Scrap Processing
Groundwater Sampling Analytical Results
Semi-Volatile Organic Compounds
Medford, Wisconsin

Sampling Location : SP7-	Wisc. PAL	Wisc. ES	MW2D	MW2S	MW3S	MW4S	MW10D
U.S. EPA Sample ID:			E0016	E0017	E0031	E0030	E0027
Sample Date :			11/7/2001	11/7/2001	11/8/2001	11/8/2001	11/8/2001
Semivolatile (ug/L)							
Phenol	1200	6000	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
bis(-2-Chloroethyl) ether	--	--	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Chlorophenol	--	--	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Methylphenol	--	--	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2,2'-oxybis(1-Chloropropane)	--	--	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
4-Methylphenol	--	--	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
N-Nitroso-di-n-propylamine	--	--	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Hexachloroethane	--	--	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Nitrobenzene	--	--	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Isophorone	--	--	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Nitrophenol	--	--	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2,4-Dimethyphenol	--	--	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
bis(-2-Chloroethoxy)methane	--	--	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2,4-Dichlorophenol	--	--	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Naphthalene	8	40	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
4-Chloroaniline	--	--	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Hexachlorobutadiene	--	--	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
4-Chloro-3-methylphenol	--	--	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Methylnaphthalene	--	--	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Hexachlorocyclopentadiene	--	--	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2,4,6-Trichlorophenol	--	--	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2,4,5-Trichlorophenol	--	--	20 U	20 U	20 U	20 U	20 U
2-Chloronaphthalene	--	--	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Nitroaniline	--	--	20 U	20 U	20 U	20 U	20 U
Dimethylphthalate	--	--	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Acenaphthylene	--	--	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2,6-Dinitrotoluene	--	--	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
3-Nitroaniline	--	--	20 U	20 U	20 U	20 U	20 U
Acenaphthene	--	--	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U

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Table 3-2
Scrap Processing
Groundwater Sampling Analytical Results
Semi-Volatile Organic Compounds
Medford, Wisconsin

Sampling Location : SP7-	Wisc. PAL	Wisc. ES	MW2D	MW2S	MW3S	MW4S	MW10D
U.S. EPA Sample ID :			E0016	E0017	E0031	E0030	E0027
Sample Date :			11/7/2001	11/7/2001	11/8/2001	11/8/2001	11/8/2001
Parameter (ug/L)							
2,4-Dinitrophenol	--	--	20 UJ	20 UJ	20 U	20 UJ	20 UJ
4-Nitrophenol	--	--	20 U	20 U	20 U	20 U	20 U
Dibenzofuran	--	--	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2,4-Dinitrotoluene	0.005	0.05	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Diethylphthalate	--	--	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
4-Chlorophenyl-phenylether	--	--	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Fluorene	80	400	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
4-Nitroaniline	--	--	20 U	20 U	20 U	20 U	20 U
4,6-Dinitro-2-methylphenol	--	--	20 UJ	20 UJ	20 U	20 UJ	20 UJ
N-Nitrosodiphenylamine	0.7	7	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
4-Bromophenyl-phenylether	--	--	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Hexachlorobenzene	0.1	1	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Pentachlorophenol	0.1	1	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Phenanthrene	--	--	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Anthracene	600	3000	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Di-n-butylphthalate	--	--	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Fluoranthene	80	400	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Pyrene	50	250	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Butylbenzylphthalate	--	--	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
3,3'-Dichlorobenzidine	--	--	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Benzo(a)anthracene	--	--	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Chrysene	0.02	0.2	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
bis(2-Ethylhexyl)phthalate	--	--	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Di-n-octylphthalate	--	--	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Benzo(b)fluoranthene	0.02	0.2	5.0 U	5.0 UJ	5.0 U	5.0 UJ	5.0 UJ
Benzo(k)fluoranthene	--	--	5.0 U	5.0 UJ	5.0 U	5.0 UJ	5.0 UJ
Benzo(a)pyrene	0.02	0.2	5.0 U	5.0 UJ	5.0 U	5.0 UJ	5.0 UJ
Indeno(1,2,3-cd)pyrene	--	--	5.0 U	5.0 UJ	5.0 U	5.0 UJ	5.0 UJ
Dibenzo(a,h)anthracene	--	--	5.0 U	5.0 UJ	5.0 U	5.0 UJ	5.0 UJ
Benzo(g,h,i)perylene	--	--	5.0 U	5.0 UJ	5.0 U	5.0 UJ	5.0 UJ

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Table 3-2
Scrap Processing
Groundwater Sampling Analytical Results
Semi-Volatile Organic Compounds
Medford, Wisconsin

Sampling Location : SP7-	Wisc. PAL	Wisc. ES	MW10D-DUP	FB01	FB02	FB03
U.S. EPA Sample ID :			E0028	E0004	E0014	E0029
Sample Date :			11/8/2001	11/6/2001	11/7/2001	11/8/2001
Semivolatile (ug/L)						
Phenol	1200	6000	5.0 U	5.0 U	5.0 U	5.0 U
bis(-2-Chloroethyl) ether	--	--	5.0 U	5.0 U	5.0 U	5.0 U
2-Chlorophenol	--	--	5.0 U	5.0 U	5.0 U	5.0 U
2-Methylphenol	--	--	5.0 U	5.0 U	5.0 U	5.0 U
2,2'-oxybis(1-Chloropropane)	--	--	5.0 U	5.0 U	5.0 U	5.0 U
4-Methylphenol	--	--	5.0 U	5.0 U	5.0 U	5.0 U
N-Nitroso-di-n-propylamine	--	--	5.0 U	5.0 U	5.0 U	5.0 U
Hexachloroethane	--	--	5.0 U	5.0 U	5.0 U	5.0 U
Nitrobenzene	--	--	5.0 U	5.0 U	5.0 U	5.0 U
Isophorone	--	--	5.0 U	5.0 U	5.0 U	5.0 U
2-Nitrophenol	--	--	5.0 U	5.0 U	5.0 U	5.0 U
2,4-Dimethyphenol	--	--	5.0 U	5.0 U	5.0 U	5.0 U
bis(-2-Chloroethoxy)methane	--	--	5.0 U	5.0 U	5.0 U	5.0 U
2,4-Dichlorophenol	--	--	5.0 U	5.0 U	5.0 U	5.0 U
Naphthalene	8	40	5.0 U	5.0 U	5.0 U	5.0 U
4-Chloroaniline	--	--	5.0 U	5.0 U	5.0 U	5.0 U
Hexachlorobutadiene	--	--	5.0 U	5.0 U	5.0 U	5.0 U
4-Chloro-3-methylphenol	--	--	5.0 U	5.0 U	5.0 U	5.0 U
2-Methylnaphthalene	--	--	5.0 U	5.0 U	5.0 U	5.0 U
Hexachlorocyclopentadiene	--	--	5.0 U	5.0 U	5.0 U	5.0 U
2,4,6-Trichlorophenol	--	--	5.0 U	5.0 U	5.0 U	5.0 U
2,4,5-Trichlorophenol	--	--	20 U	20 U	20 U	20 U
2-Chloronaphthalene	--	--	5.0 U	5.0 U	5.0 U	5.0 U
2-Nitroaniline	--	--	20 U	20 U	20 U	20 U
Dimethylphthalate	--	--	5.0 U	5.0 U	5.0 UJ	5.0 U
Acenaphthylene	--	--	5.0 U	5.0 U	5.0 U	5.0 U
2,6-Dinitrotoluene	--	--	5.0 U	5.0 U	5.0 U	5.0 U
3-Nitroaniline	--	--	20 U	20 U	20 U	20 U
Acenaphthene	--	--	5.0 U	5.0 U	5.0 U	5.0 U

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Bold, Underlined, Italicized =
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Highlighted Concentration exceeds Wisconsin Enforcement Standard

Table 3-2
Scrap Processing
Groundwater Sampling Analytical Results
Semi-Volatile Organic Compounds
Medford, Wisconsin

Sampling Location : SP7-	Wisc. PAL	Wisc. ES	MW10D-DUP	FB01	FB02	FB03
U.S. EPA Sample ID :			E0028	E0004	E0014	E0029
Sample Date :			11/8/2001	11/6/2001	11/7/2001	11/8/2001
Parameter (ug/L)						
2,4-Dinitrophenol	--	--	20 UJ	20 U	20 UJ	20 UJ
4-Nitrophenol	--	--	20 U	20 U	20 U	20 U
Dibenzofuran	--	--	5.0 U	5.0 U	5.0 U	5.0 U
2,4-Dinitrotoluene	0.005	0.05	5.0 U	5.0 U	5.0 U	5.0 U
Diethylphthalate	--	--	5.0 U	5.0 U	5.0 UJ	5.0 U
Fluorene	--	--	5.0 U	5.0 U	5.0 U	5.0 U
4-Chlorophenyl-phenyl ether	80	400	5.0 U	5.0 U	5.0 U	5.0 U
4-Nitroaniline	--	--	20 U	20 U	20 U	20 U
4 6-Dinitro-2-methylphenol	--	--	20 UJ	20 U	20 UJ	20 UJ
N-Nitrosodiphenylamine	0.7	7	5.0 U	5.0 U	5.0 U	5.0 U
4-Bromophenyl-phenylether	--	--	5.0 U	5.0 U	5.0 U	5.0 U
Hexachlorobenzene	0.1	1	5.0 U	5.0 U	5.0 U	5.0 U
Pentachlorophenol	0.1	1	5.0 U	5.0 U	5.0 U	5.0 U
Phenanthrene	--	--	5.0 U	5.0 U	5.0 U	5.0 U
Anthracene	600	3000	5.0 U	5.0 U	5.0 U	5.0 U
Di-n-butylphthalate	--	--	5.0 U	5.0 U	5.0 UJ	5.0 U
Fluoranthene	80	400	5.0 U	5.0 U	5.0 U	5.0 U
Pyrene	50	250	5.0 U	5.0 U	5.0 U	5.0 U
Butylbenzylphthalate	--	--	5.0 U	5.0 U	5.0 UJ	5.0 U
3,3'-Dichlorobenzidine	--	--	5.0 U	5.0 U	5.0 U	5.0 U
Benzo(a)anthracene	--	--	5.0 U	5.0 U	5.0 U	5.0 U
Chrysene	0.02	0.2	5.0 U	5.0 U	5.0 U	5.0 U
bis(2-Ethylhexyl)phthalate	--	--	5.0 U	2.3 J	5.0 UJ	5.0 U
Di-n-octylphthalate	--	--	5.0 U	5.0 U	5.0 UJ	5.0 U
Benzo(b)fluoranthene	0.02	0.2	5.0 UJ	5.0 U	5.0 U	5.0 U
Benzo(k)fluoranthene	--	--	5.0 UJ	5.0 U	5.0 U	5.0 U
Benzo(a)pyrene	0.02	0.2	5.0 UJ	5.0 U	5.0 U	5.0 U
Indeno(1,2,3-cd)pyrene	--	--	5.0 UJ	5.0 U	5.0 U	5.0 U
Dibenzo(a,h)anthracene	--	--	5.0 UJ	5.0 U	5.0 U	5.0 U
Benzo(g,h,i)perylene	--	--	5.0 UJ	5.0 U	5.0 U	5.0 U

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Table 3-3
Scrap Processing
Groundwater Sampling Analytical Results
Metals
Medford, Wisconsin

Sample Location: SP7-	Wisc. PAL	Wisc. ES	MBD	MBD	MP1	MP1	MP2D	MP2D	MP2S	MP2S	MP3
U.S. EPA Sample ID: 2001ZG02			S27	S28 (F)	S35	S36 (F)	S01	S02 (F)	S03	S04 (F)	S37
Sample Date:			11/7/2001	11/7/2001	11/8/2001	11/8/2001	11/5/2001	11/5/2001	11/5/2001	11/5/2001	11/8/2001
PARAMETER (ug/L)											
Aluminum	--	--	273	50.0 U	5800	50.0 U	50.0 U	50.0 U	3550	50.0 U	1670
Antimony	1.2	6	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U
Arsenic	5	50	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Barium	400	2000	60.1	56.8	136	86.6	95.1	92.9	147	107	82.4
Beryllium	0.4	4	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Cadmium	0.5	5	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 UJ	0.50 U
Calcium	--	--	41000	41800	17000	15200	46800	47000	84600	76800	44700
Chromium	10	100	5.0 U	5.0 U	***13.8***	5.0 U	5.0 U	5.0 U	6.9 B	5.0 U	5.0 U
Cobalt	8	40	5.0 U	5.0 U	5.5 B	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Copper	130	1300	5.0 U	5.0 U	21.8	5.0 U	5.0 U	5.0 U	19	5.0 U	5.3 B
Iron	150	300	***844***	***488***	***7030***	40.0 U	***993***	***630***	***12200***	***6320***	***4100***
Lead	1.5	15	2.0 U	2.0 U	***3.3***	2.0 U	2.0 U	2.0 U	***2.9***	2.0 U	2.0 U
Magnesium	--	--	11800	12000	6290	4490	13600	13700	27200	24200	13700
Manganese	25	50	***170***	***168***	***118***	15.9	***169***	***170***	***1530***	***1400***	***484***
Mercury	0.2	2	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Nickel	20	100	5.0 U	5.0 U	22.9	10.1 B	5.0 U	5.0 U	7.5 B	5.0 U	5.0 U
Potassium	--	--	760 B	584 B	1260 B	596 B	825 B	782 B	1660 B	1060 B	695 B
Selenium	10	50	2.0 U	2.0 U	2.0 UJ	2.0 UJ	2.0 U	2.0 U	2.0 UJ	2.0 UJ	2.0 UJ
Silver	10	50	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Sodium	--	--	7050	6900	51600	52800	9070	8920	16300	15800	8880
Thallium	0.4	2	2.0 U	2.0 U	2.0 UJ	2.0 U	2.0 U	2.0 U	2.0 UJ	2.0 U	2.0 U
Vanadium	6	30	5.0 U	5.0 U	***23.6***	5.0 U	5.0 U	5.0 U	***12.7***	5.0 U	5.9 B
Zinc	2500	5000	5.0 U	5.0 U	39.6	62.4	368	98.1	11.8 B	5.0 U	7.3 B

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Table 3-3
Scrap Processing
Groundwater Sampling Analytical Results
Metals
Medford, Wisconsin

Sample Location: SP7-	Wisc.	Wisc.	MP3	MP3D	MP3D	MP3D-DUP	MP3D-DUP	MP4	MP4	MP5	MP5
U.S. EPA Sample ID: 2001ZG02	PAL	ES	S38 (F)	S17	S18 (F)	D17	D18 (F)	S33	S34 (F)	S15	S16 (F)
Sample Date:			11/8/2001	11/6/2001	11/6/2001	11/6/2001	11/6/2001	11/7/2001	11/7/2001	11/6/2001	11/6/2001
PARAMETER (ug/L)											
Aluminum	--	--	50.0 U	169	50.0 U	133	50.0 U	7580	1060	3770	50.0 U
Antimony	1.2	6	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U
Arsenic	5	50	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Barium	400	2000	52.9	71.7	70.2	72.4	69.2	187.0	301	269.0	201.0
Beryllium	0.4	4	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Cadmium	0.5	5	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 UJ	0.50 U	0.50 UJ
Calcium	--	--	42600	45100	46000	44100	45100	30900	26400	159000	156000
Chromium	10	100	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	***15.6***	5.0 U	10 B	5.0 U
Cobalt	8	40	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.1 B	5.0 U
Copper	130	1300	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	13	5.0 U	15.8	5.0 U
Iron	150	300	40.0 U	***961***	***702***	***880***	***690***	***12800***	***1450***	***8730***	40.0 U
Lead	1.5	15	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	***4.3***	2.0 U	***4***	2.0 U
Magnesium	--	--	12700	13500	13800	13300	13500	11100	8580	53500	47000
Manganese	25	50	***264***	***142***	***141***	***140***	***138***	***1130***	***109***	***830***	***378***
Mercury	0.2	2	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Nickel	20	100	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	***21***	5.0 U	17.3 B	5.0 U
Potassium	--	--	320 B	702 B	641 B	714 B	713 B	659 B	403 B	2310	1480 B
Selenium	10	50	2.0 UJ	2.0 U	2.0 U	2.0 U	2.0 U	2.0 UJ	2.0 UJ	2.0 UJ	2.0 UJ
Silver	10	50	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Sodium	--	--	2600	8720	8700	8760	8580	6180	8770	265000	25900
Thallium	0.4	2	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 UJ	2.0 U	2.0 UJ	2.0 U
Vanadium	6	30	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	***23.4***	5.0 U	***14***	5.0 U
Zinc	2500	5000	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	98.4	260.0	39.5	5.0 U

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Table 3-3
Scrap Processing
Groundwater Sampling Analytical Results
Metals
Medford, Wisconsin

Sample Location: SP7-	Wisc. PAL	Wisc. ES	MP6	MP6	MP7	MP7	MP7-DP	MP7-DP	MP8	MP8	MP9D
U.S. EPA Sample ID: 2001ZG02			S05	S06 (F)	S31	S32 (F)	D31	D32 (F)	S29	S30 (F)	S11
Sample Date:			11/5/2001	11/5/2001	11/7/2001	11/7/2001	11/7/2001	11/7/2001	11/7/2001	11/7/2001	11/6/2001
PARAMETER (ug/L)											
Aluminum	--	--	10300	50.0 U	301	50.0 U	287	50.00 U	190	50.0 U	50.0 U
Antimony	1.2	6	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U
Arsenic	5	50	5.0 U	5.0 U	5.0 U	5.0 U	5 U	5.0 U	5.0 U	5.0 U	5.0 U
Barium	400	2000	165	66.7	41.6	40	41.6	39.8	96.1	94.8	73.7
Beryllium	0.4	4	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Cadmium	0.5	5	0.50 U	0.50 U	0.50 U	0.50 UJ	0.50 U	0.50 UJ	0.50 U	0.50 UJ	0.50 U
Calcium	--	--	91500	45000	40700	40300	40200	41700	62000	63000	43500
Chromium	10	100	***105***	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Cobalt	8	40	***10.3***	5.0 U	9.0 B	9.6 B	9.1 B	9.1 B	5.0 U	5.0 U	5.0 U
Copper	130	1300	35.9	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Iron	150	300	***17700***	42.9 B	***3320***	***2850***	***3260***	***2950***	***1770***	***1420***	***881***
Lead	1.5	15	***6.1***	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Magnesium	--	--	29600	12800	12500	12400	12200	12900	17100	17600	13100
Manganese	25	50	***538***	***170***	***2160***	***2110***	***2150***	***2170***	***266***	***265***	***139***
Mercury	0.2	2	0.20 U	0.20 U	0.20 U	0.50 UJ	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Nickel	20	100	***103***	5.0 U	8.0 B	6.7 B	8.6 B	7.1 B	5.0 U	5.0 U	5.0 U
Potassium	--	--	2590	934 B	1440 B	1360 B	1350 B	1270 B	952 B	809 B	755 B
Selenium	10	50	2.0 UJ	2.0 UJ	2.0 UJ	2.0 UJ	2.0 UJ	2.0 UJ	2.0 UJ	2.0 UJ	2.0 UJ
Silver	10	50	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Sodium	--	--	9760	9210	8210	8050	8200	8250	8490	8580	8940
Thallium	0.4	2	2.0 UJ	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Vanadium	6	30	***24.1***	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Zinc	2500	5000	74.7	5.0 U	15.1 B	15.1 B	15.5 B	15.7 B	5.0 U	5.0 U	54.8

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Table 3-3
Scrap Processing
Groundwater Sampling Analytical Results
Metals
Medford, Wisconsin

Sample Location: SP7-	Wisc.	Wisc.	MP9D	MP9S	MP9S	MP10S	MP10S	MW1D	MW1D	MW1S	MW1S
U.S. EPA Sample ID: 2001ZG07	PAL	ES	S12 (F)	S13	S14 (F)	S09	S10 (F)	S19	S20 (F)	S21	S22 (F)
Sample Date:			11/6/2001	11/6/2001	11/6/2001	11/6/2001	11/6/2001	11/6/2001	11/6/2001	11/6/2001	11/6/2001
PARAMETER (ug/L)											
Aluminum	--	--	50.0 U	1960	50.0 U	128	50.0 U	50.0 U	50.0 U	2120	50.0 U
Antimony	1.2	6	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U
Arsenic	5	50	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Barium	400	2000	69.8	126	106	131	125	68.2	66.7	55.4	40.0 U
Beryllium	0.4	4	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Cadmium	0.5	5	0.50 UJ	0.50 U	0.50 UJ	0.50 U	0.50 UJ	0.50 U	0.50 U	0.50 U	0.50 U
Calcium	--	--	43200	195000	187000	56300	54700	44300	44600	26500	26400
Chromium	10	100	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	8.1 B	5.0 U
Cobalt	8	40	5.0 U	***16.1***	***12.7***	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Copper	130	1300	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	7.3 B	5.0 U
Iron	150	300	***675***	***30500***	***27600***	***10700***	***10200***	***780***	***727***	***3200***	40.0 U
Lead	1.5	15	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Magnesium	--	--	13300	63600	60200	19700	19400	12400	12600	12600	12100
Manganese	25	50	***137***	***3960***	***3890***	***797***	***760***	***202***	***301***	***37.6***	5.0 U
Mercury	0.2	2	0.20 U	0.20 U	0.20 U	0.20 U	0.2 U	0.20 U	0.20 U	0.20 U	0.20 U
Nickel	20	100	5.0 U	10.7 B	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	6.6 B	5.0 U
Potassium	--	--	698 B	1790 B	1460 B	1100 B	1040 B	824 B	763B	715 B	415 B
Selenium	10	50	2.0 UJ	2.0 J	2.0 UJ	2.0 UJ	2.0 UJ	2.0 U	2.0 U	2.0 U	2.0 U
Silver	10	50	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Sodium	--	--	8830	11700	11500	14300	13900	8230	8040	15900	15300
Thallium	0.4	2	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	5.0 U	2.0 U	2.0 U
Vanadium	6	30	5.0 U	***6.3 B***	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	***8.1 B***	5.0 U
Zinc	2500	5000	6.0 B	35.6	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	6.3 B	5.0 U

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Table 3-3
Scrap Processing
Groundwater Sampling Analytical Results
Metals
Medford, Wisconsin

Sample Location: SP7-	Wisc.	Wisc.	MW10D	MW10D-DP	MW10D-DP	FB01	FB01	FB02	FB02	FB03	FB03
U.S. EPA Sample ID: 2001ZG02	PAL	ES	S40 (F)	D39	D40 (F)	R01	R02 (F)	R03	R04 (F)	R05	R06 (F)
Sample Date:			11/8/2001	11/8/2001	11/8/2001	11/6/2001	11/6/2001	11/7/2001	11/7/2001	11/8/2001	11/8/2001
PARAMETER (ug/L)											
Aluminum	--	--	50.0 U	1420	50.0 U	50.0 U	50.0 U	50.0 U	50.0 U	72.8 B	50.0 U
Antimony	1.2	6	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U
Arsenic	5	50	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Barium	400	2000	67.5	79.4	67.7	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Beryllium	0.4	4	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Cadmium	0.5	5	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Calcium	--	--	42800	44000	42900	50.0 U	54.5 B	50.0 U	50.0 U	117 B	50.0 U
Chromium	10	100	5.0 U	***10.8***	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	7.8 B	5.0 U
Cobalt	8	40	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Copper	130	1300	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	95.6	5.0 U
Iron	150	300	***990***	***2720***	***939***	40.0 U	40.0 U	40.0 U	40.0 U	113	40.0 U
Lead	1.5	15	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	3.3	2.0 U
Magnesium	--	--	12400	13000	12400	50.0 U	50.0 U	50.0 U	50.0 U	50.0 U	50.0 U
Manganese	25	50	***165***	***176***	***166***	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Mercury	0.2	2	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Nickel	20	100	5.0 U	6.9 B	5.0 U	5 U	5 U	5 U	5 U	5.4 B	5.0 U
Potassium	--	--	884 B	1290 B	972 B	250 U	250 U	250 U	250 U	250 U	250 U
Selenium	10	50	2.0 UJ	2.0 UJ	2.0 UJ	2.0 U	2.0 U	2.0 U	2.0 U	2.0 UJ	2.0 UJ
Silver	10	50	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Sodium	--	--	8260	8670	8680	200 U	200 U	200 U	200 U	712 B	200 U
Thallium	0.4	2	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 UJ	2.0 U
Vanadium	6	30	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Zinc	2500	5000	5.0 U	5.5 B	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	56.4	5.0 U

U = Non detect
J = Estimated quantity
-- = none listed
B = the reported value is less than the contract required detection limit, but greater than or equal to the instrument detection limit
(F) = indicates sample was filtered
Bold, Underlined, Italicized = Concentration exceeds Wisconsin Preventative Action Limit
Highlight = Concentration exceeds Wisconsin Enforcement Standard

SECTION 4

SUMMARY

The ESs for VOCs and SVOCs were not exceeded in any of the monitoring wells and the PALs were not exceeded in any of the deep wells. However, there were two shallow wells that detected a total of three VOCs at concentrations greater than the PALs. The first was 1,2-Dichloroethane, which was detected again in MW10S (upgradient of Scrap Processing site) at 1.2 µg/L, above the PAL of 0.5 µg/L.

Prior to this sampling event, it appeared that there was a downward trend of 1,2-Dichloroethane during the past year and a half of quarterly groundwater sampling. 1,2-Dichloroethane has exceeded the PAL in MP10S during the December 1999, March 2000, June 2000, and March 2001 sampling rounds at 2 µg/L, 1 µg/L, 1 µg/L, and 0.7 mg/L, respectively. It was not detected in the June 2001 sampling event.

The second and third were trichloroethene and tetrachloroethene, which exceeded PALs in monitoring well MW1S at 1.2 µg/L and 1.8 µg/L, respectively.

A number of monitoring wells exceeded the PAL and ES for iron (150 µg/L and 300 µg/L respectively) and manganeese (50 µg/L and 25 µg/L, respectively). Because the background wells MBD and MP10S exceeded the ES for iron at 488 µg/L and 10,200 µg/L, respectively, and for manganese at 168 µg/L and 760 µg/L, respectively, the ES is considered low for this site. Several of the onsite wells still contained concentrations of iron and manganeese greater than background. The only other well with a high metal concentration in the filtered sample was MW9S, which exceeded the PAL of cobalt (8 µg/L) at 16.1 µg/L.

Figures

Site Location Maps

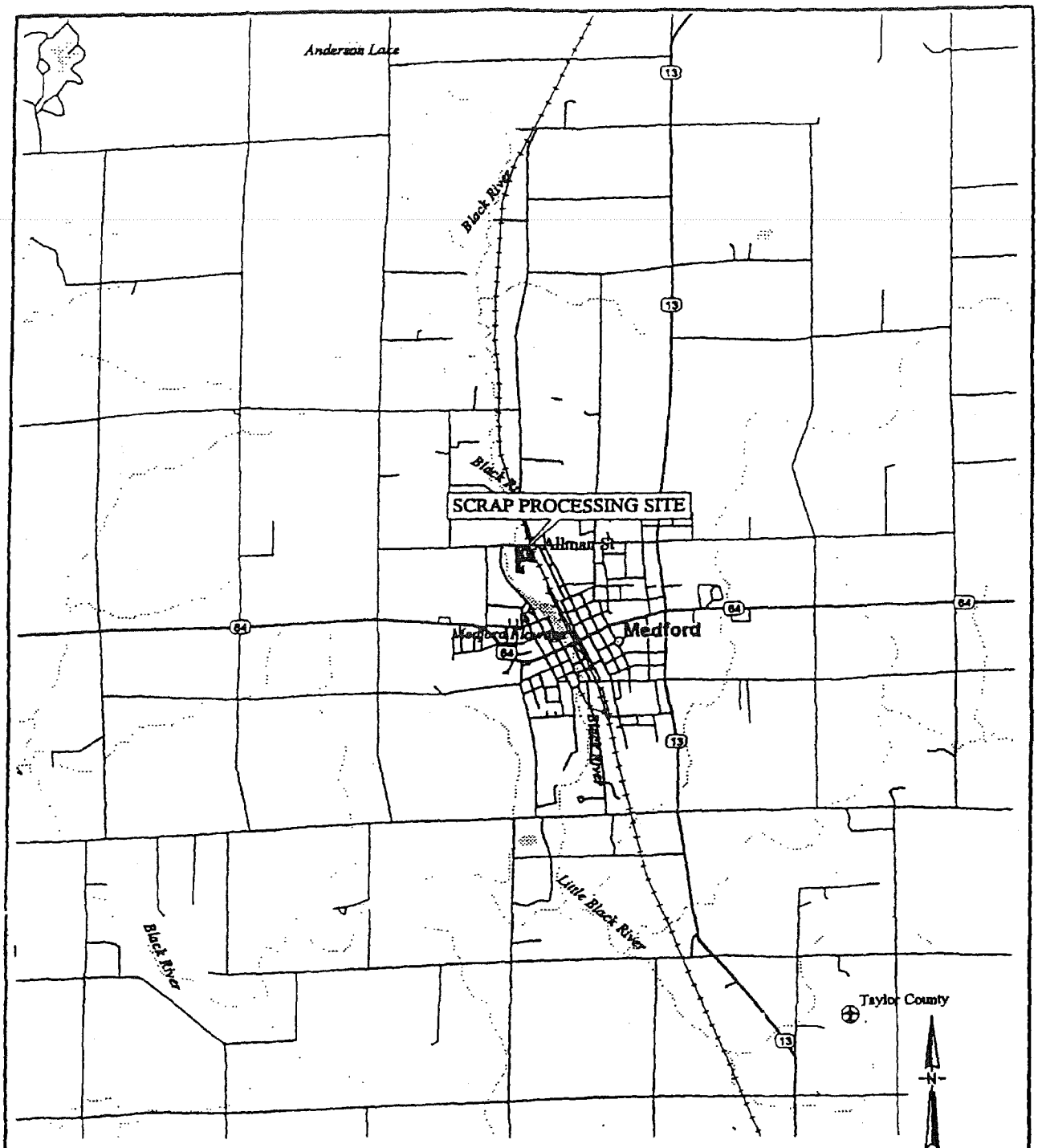


FIGURE 1

WESTON MANAGERS DESIGNERS/CONSULTANTS

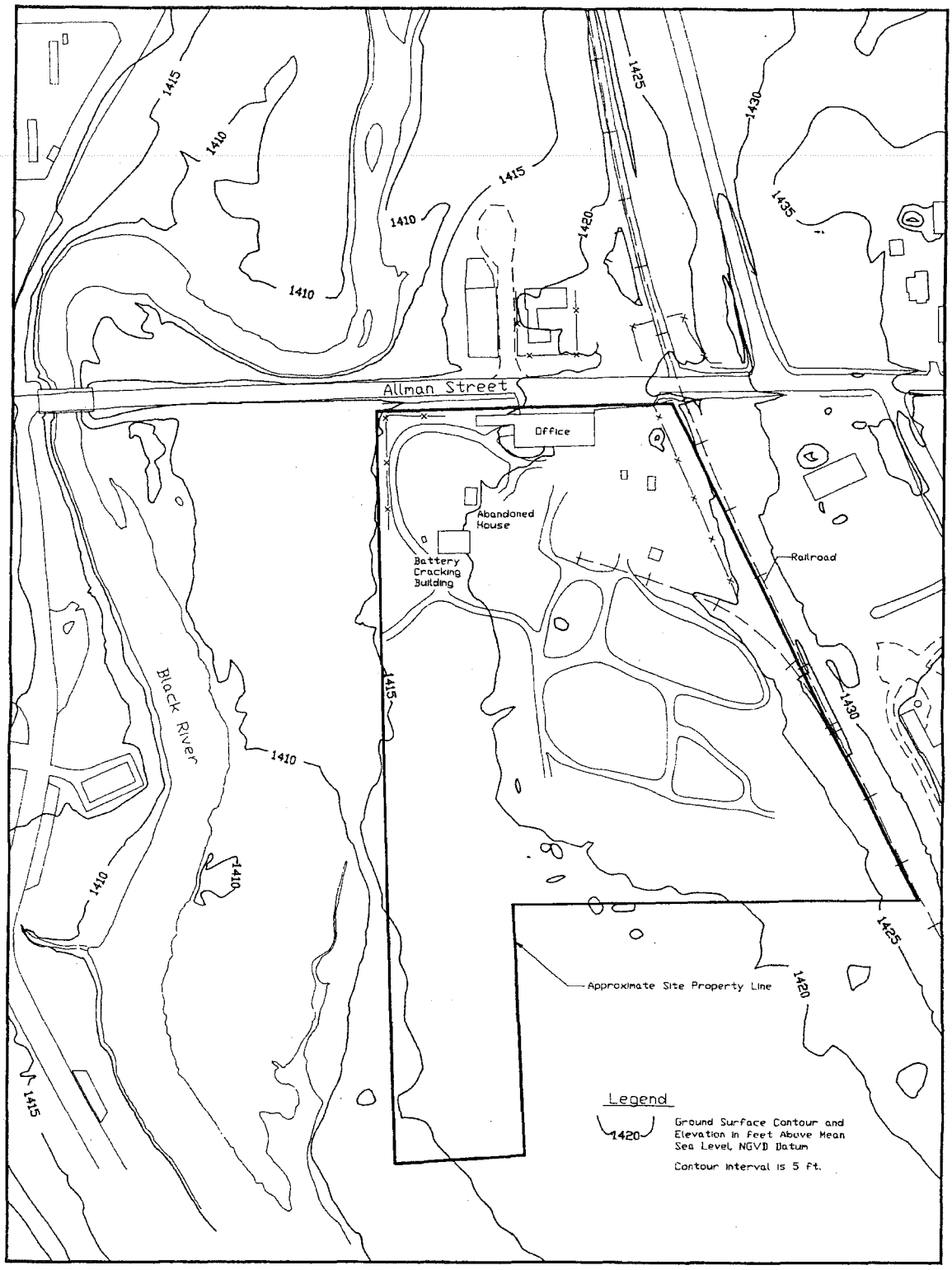
Three Hawthorn Parkway
Vernon Hills, Illinois
60061

SITE LOCATION MAP

SCRAP PROCESSING

Medford, Wisconsin

nez ACAD 12_c3
I=1 ORIGINAL DWG SIZE x
7 12:31:14 CAD DWG NO:

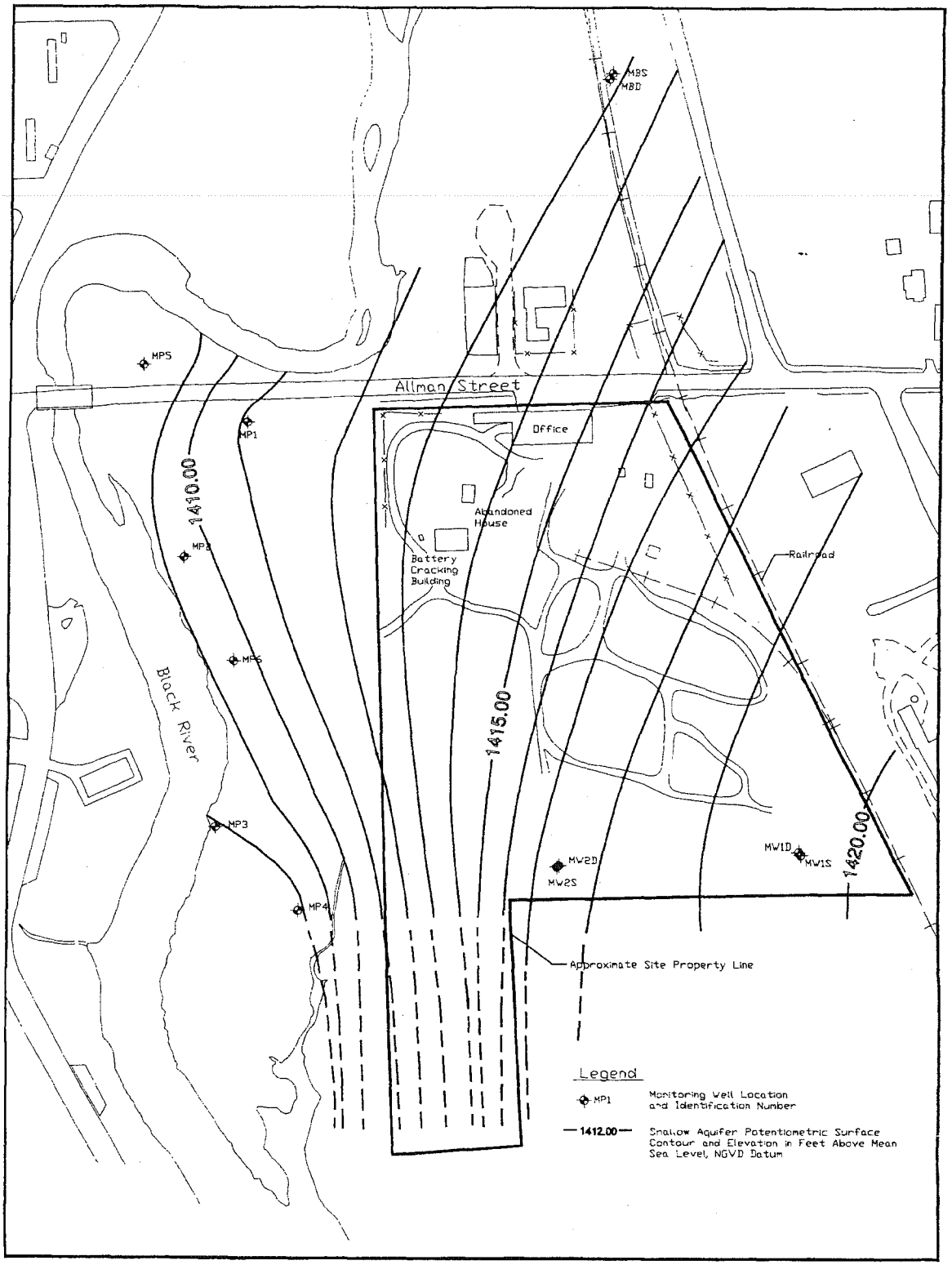


Scale in Feet

0 100 200 300 400 500

N

Figure 2-3
Site Topography
Scrap Processing, Medford, WI

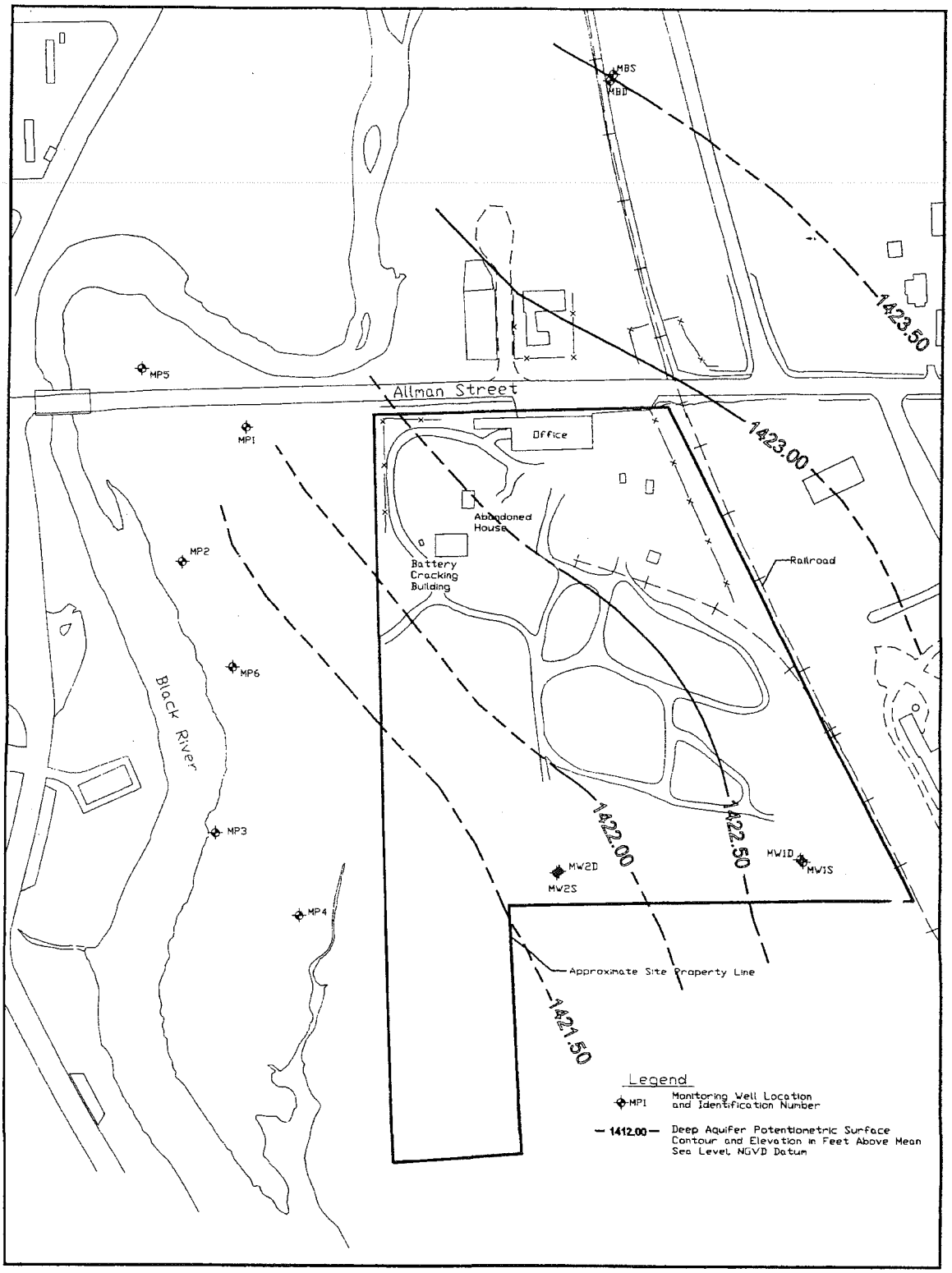


Scale in Feet

0 100 200 300 400 500

Figure 2-17

Shallow Aquifer Potentiometric Surface Contours on 10/18/95 Scrap Processing, Medford, WI



Scale in Feet

0 100 200 300 400 500

Figure 2-18

Deep Aquifer Potentiometric Surface Contours on 10/18/95 Scrap Processing, Medford, WI

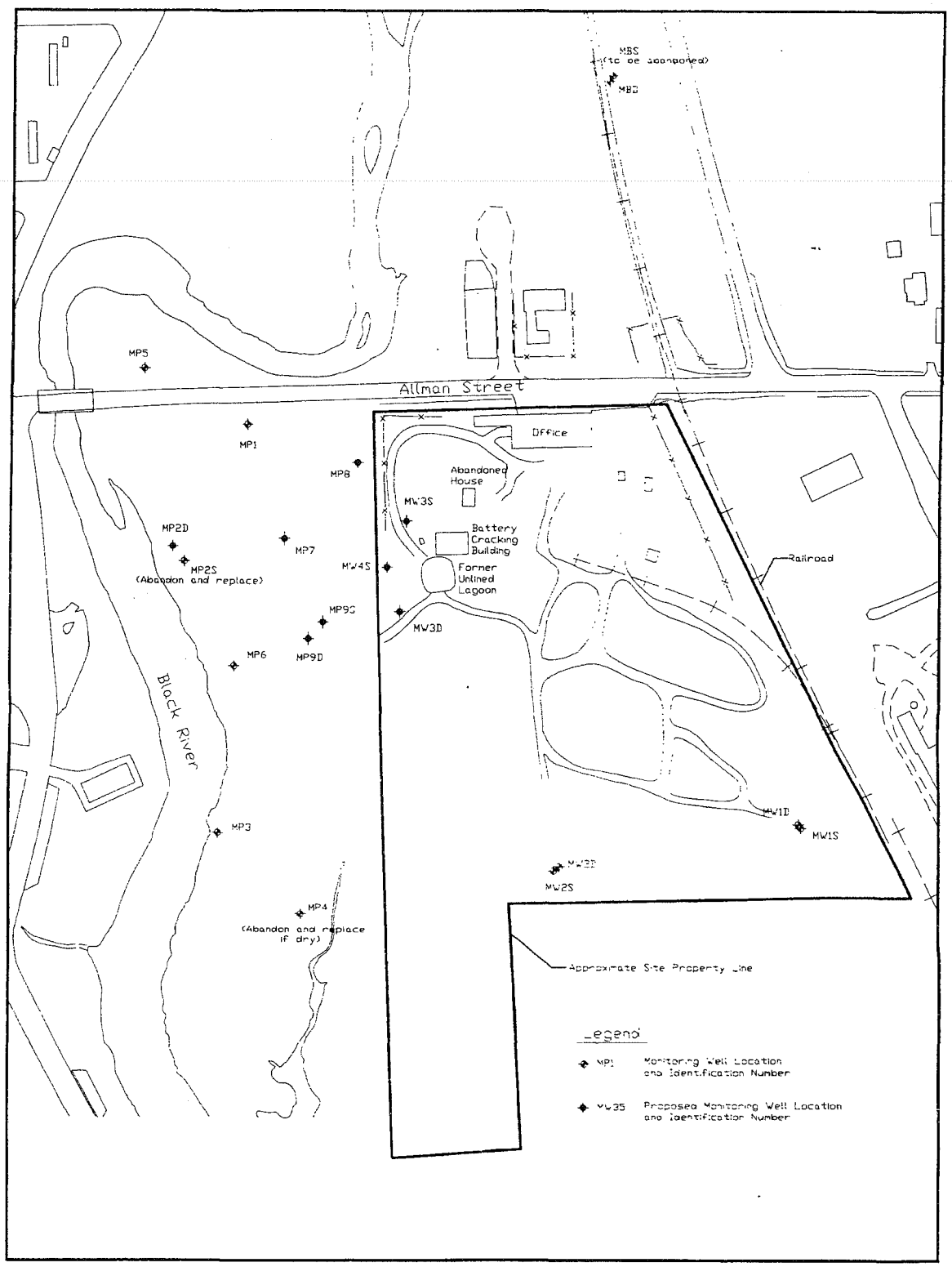
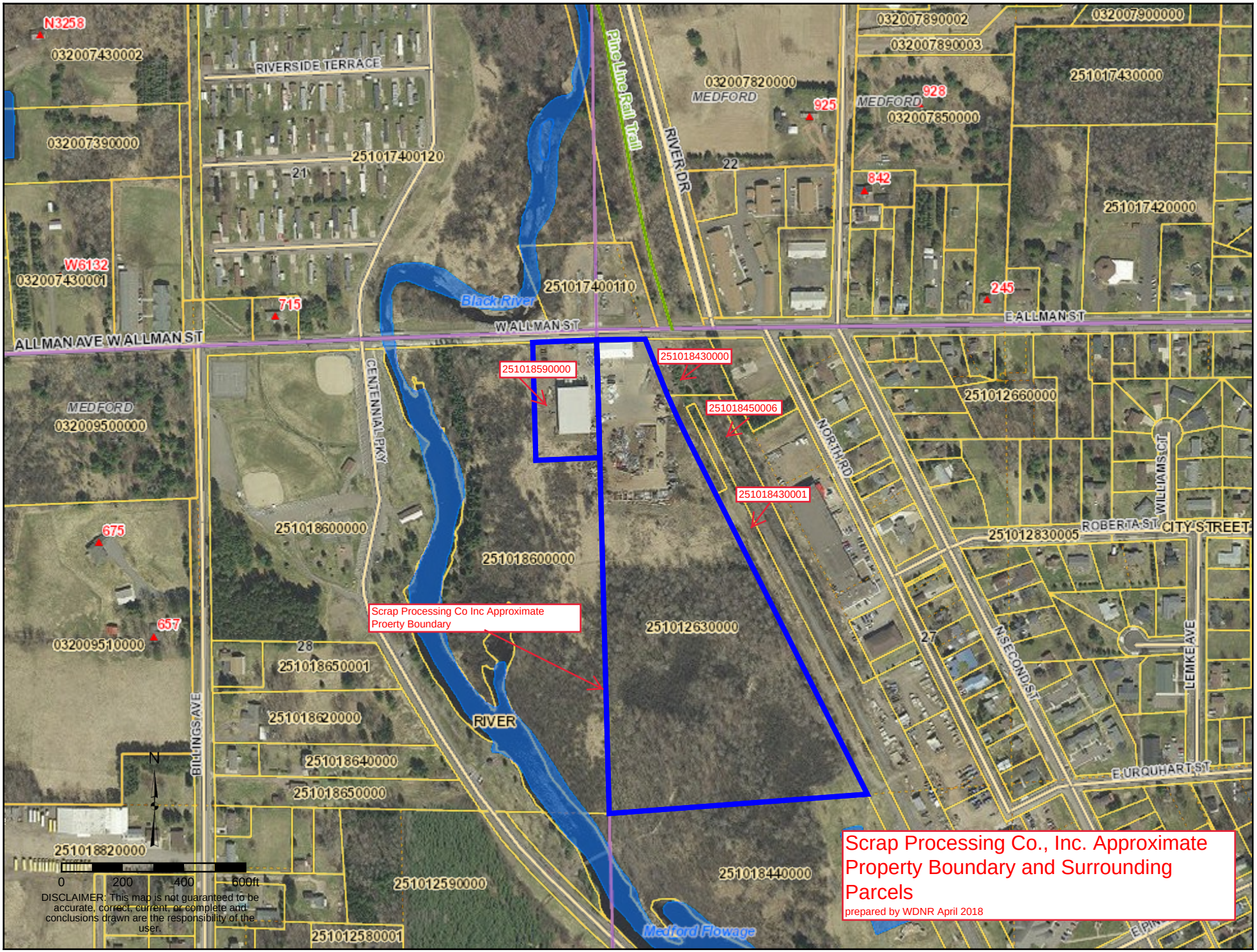
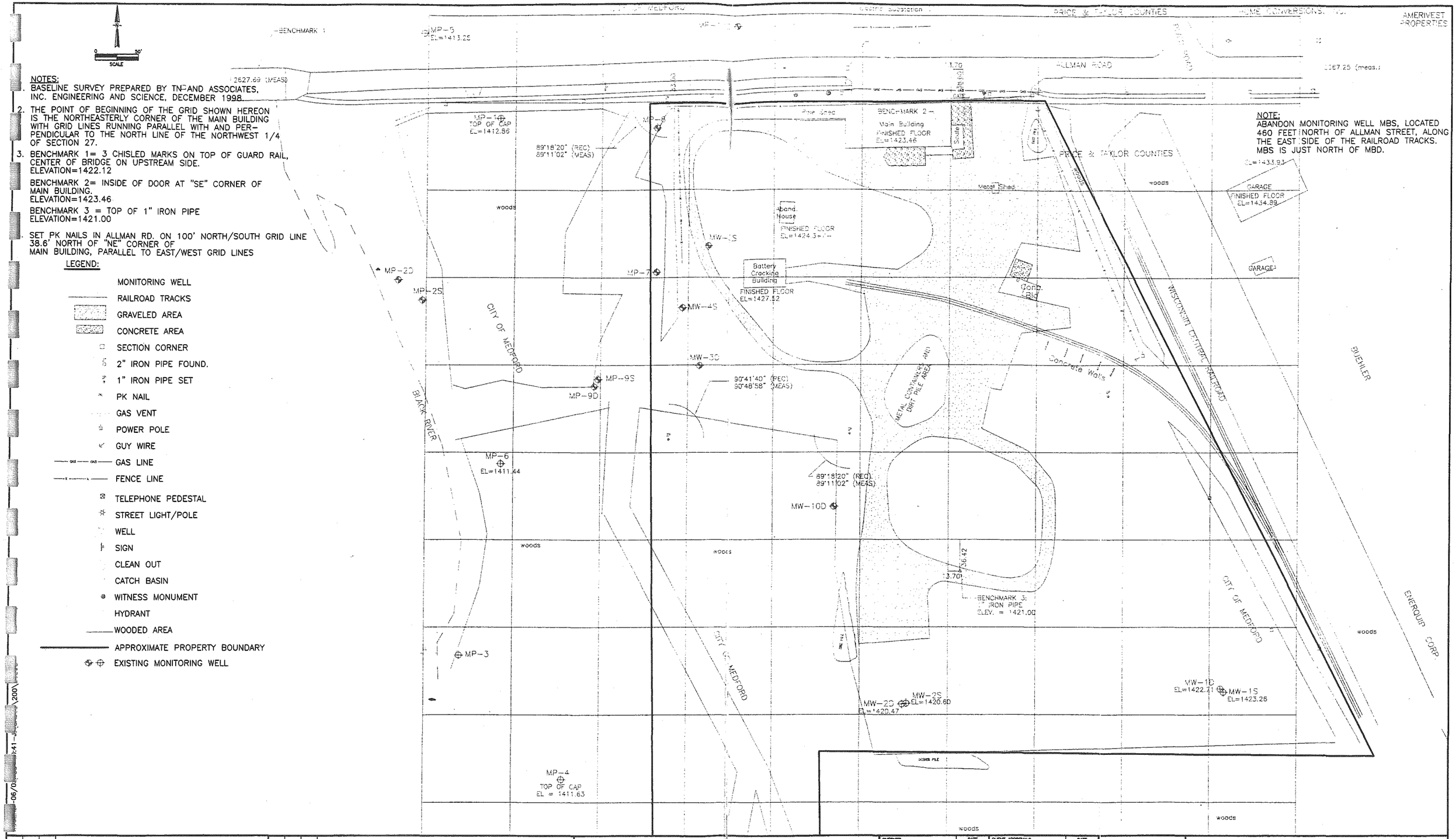


Figure 5-2
Proposed Long-Term Groundwater
Monitoring Network
Scrap Processing, Medford, WI


N3258
032007430002
RIVERSIDE TERRACE
032007390000
251017400120
21
W6132
032007430001
715
Black River
251017400110
Pine Line Rail Trail
RIVER DR
032007820000
MEDFORD
925
22
032007890002
032007900000
032007890003
251017430000
928
MEDFORD
032007850000
842
251017420000
245
E ALLMAN ST
W ALLMAN ST
ALLMAN AVE
MEDFORD
032009500000
CENTENNIAL PKY
251018590000
251018430000
251018450006
251012660000
NORTH RD
WILLIAMS CT
675
251018600000
251018600000
ROBERTA ST
CITY STREET
251012830005
Scrap Processing Co Inc Approximate Proerty Boundary
251018430001
657
032009510000
28
251018650001
251012630000
27
N SECOND ST
LEMKE AVE
BILLINGS AVE
251018620000
RIVER
251018640000
E URQUHART ST
251018650000
N
251018820000
0
200
400
600ft
DISCLAIMER: This map is not guaranteed to be accurate, correct, current, or complete and conclusions drawn are the responsibility of the user.
251012590000
251018440000
251012580001
Medford Flowage
Scrap Processing Co., Inc. Approximate Property Boundary and Surrounding Parcels
prepared by WDNR April 2018



DATE	APPR.	REVISION	NO.	DATE	APPR.	REVISION

SCRAP PROCESSING

Medford Wisconsin

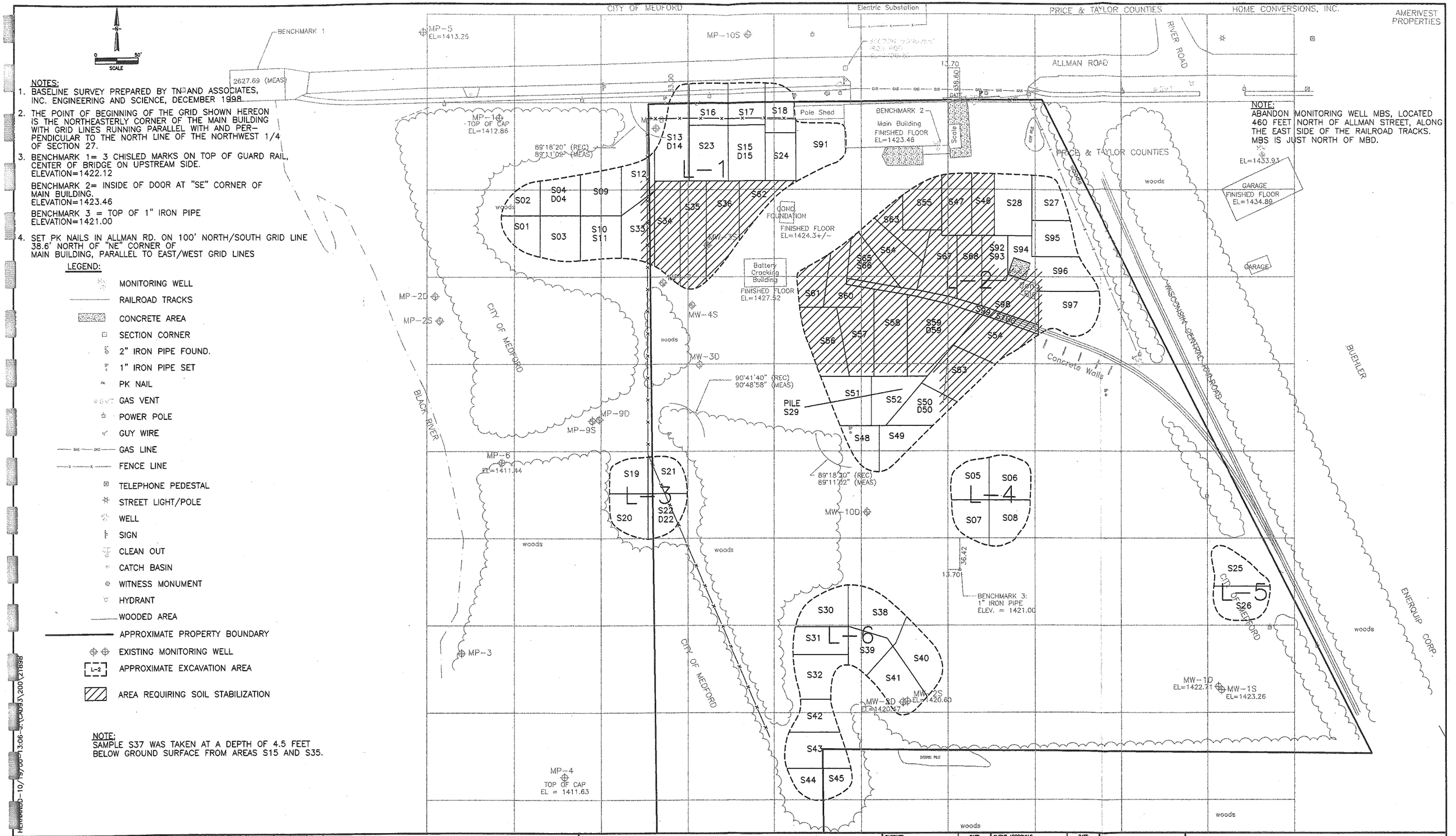
WESTON MANAGERS DESIGNERS/CONSULTANTS

VERNON HILLS ILLINOIS

CHECKED	DATE	CLIENT APPROVALS	DATE
DES. ENG.			
PROJ. ENG.			
PROJ. MGR.			
APPROVED			
APPROVED		ISSUED FOR	DATE

EXISTING SITE CONDITIONS

DRAWN	DATE	DWG. NO.	REV. NO.
D.C.H.	11/99	1-2	
SCALE	W.O. NO.	SHT.	OF
1"=100'	20064026100708O		



NOTES:

1. BASELINE SURVEY PREPARED BY TN AND ASSOCIATES, INC. ENGINEERING AND SCIENCE, DECEMBER 1998.
2. THE POINT OF BEGINNING OF THE GRID SHOWN HEREON IS THE NORTHEASTERLY CORNER OF THE MAIN BUILDING WITH GRID LINES RUNNING PARALLEL WITH AND PERPENDICULAR TO THE NORTH LINE OF THE NORTHWEST 1/4 OF SECTION 27.
3. BENCHMARK 1= 3 CHISLED MARKS ON TOP OF GUARD RAIL, CENTER OF BRIDGE ON UPSTREAM SIDE. ELEVATION=1422.12

   BENCHMARK 2= INSIDE OF DOOR AT "SE" CORNER OF MAIN BUILDING. ELEVATION=1423.46

   BENCHMARK 3 = TOP OF 1" IRON PIPE ELEVATION=1421.00
4. SET PK NAILS IN ALLMAN RD. ON 100' NORTH/SOUTH GRID LINE 38.6' NORTH OF "NE" CORNER OF MAIN BUILDING, PARALLEL TO EAST/WEST GRID LINES

LEGEND:

- MONITORING WELL
- RAILROAD TRACKS
- CONCRETE AREA
- SECTION CORNER
- 2" IRON PIPE FOUND.
- 1" IRON PIPE SET
- PK NAIL
- GAS VENT
- POWER POLE
- GUY WIRE
- GAS LINE
- FENCE LINE
- TELEPHONE PEDESTAL
- STREET LIGHT/POLE
- WELL
- SIGN
- CLEAN OUT
- CATCH BASIN
- WITNESS MONUMENT
- HYDRANT
- WOODED AREA
- APPROXIMATE PROPERTY BOUNDARY
- EXISTING MONITORING WELL
- APPROXIMATE EXCAVATION AREA (L-2)
- AREA REQUIRING SOIL STABILIZATION

NOTE:
SAMPLE S37 WAS TAKEN AT A DEPTH OF 4.5 FEET BELOW GROUND SURFACE FROM AREAS S15 AND S35.

NOTE:
ABANDON MONITORING WELL MBS, LOCATED 460 FEET NORTH OF ALLMAN STREET, ALONG THE EAST SIDE OF THE RAILROAD TRACKS. MBS IS JUST NORTH OF MBD.

NO.	DATE	APPR.	REVISION
1	10/00		RECORD DRAWINGS

SCRAP PROCESSING

Medford Wisconsin

WESTON MANAGERS DESIGNERS/CONSULTANTS

VERNON HILLS ILLINOIS

CHECKED	DATE	CLIENT APPROVALS	DATE
DES. ENG.			
PROJ. ENG.			
PROJ. MGR.			
APPROVED			
APPROVED		ISSUED FOR	DATE

CONFIRMATION SOIL SAMPLING AREAS

DRAWN	DATE	DWG. NO.	REV. NO.
D.C.H.	10/00	3-1	1
SCALE 1"=100'	W.O. NO. 20064026100140	SHT. ____ OF ____	

Hemwood-10/19/00-13:06-L:\DWG\3\20064026\100\21698

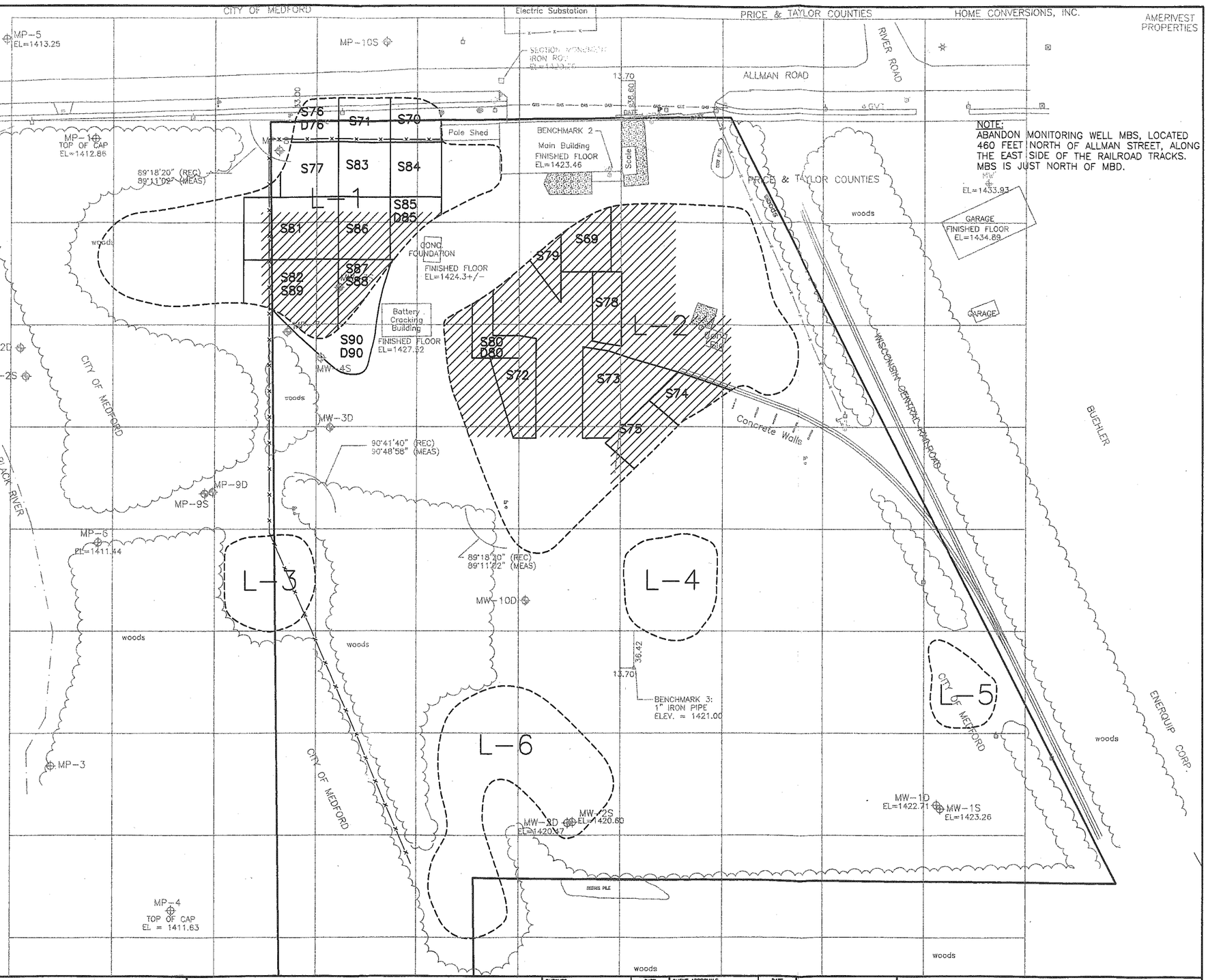
NOTES:
1. BASELINE SURVEY PREPARED BY TNT AND ASSOCIATES, INC. ENGINEERING AND SCIENCE, DECEMBER 1998.
2. THE POINT OF BEGINNING OF THE GRID SHOWN HEREON IS THE NORTHEASTERLY CORNER OF THE MAIN BUILDING WITH GRID LINES RUNNING PARALLEL WITH AND PERPENDICULAR TO THE NORTH LINE OF THE NORTHWEST 1/4 OF SECTION 27.
3. BENCHMARK 1= 3 CHISLED MARKS ON TOP OF GUARD RAIL, CENTER OF BRIDGE ON UPSTREAM SIDE. ELEVATION=1422.12

   BENCHMARK 2= INSIDE OF DOOR AT "SE" CORNER OF MAIN BUILDING. ELEVATION=1423.46

   BENCHMARK 3 = TOP OF 1" IRON PIPE ELEVATION=1421.00
4. SET PK NAILS IN ALLMAN RD. ON 100' NORTH/SOUTH GRID LINE 38.6' NORTH OF "NE" CORNER OF MAIN BUILDING, PARALLEL TO EAST/WEST GRID LINES

LEGEND:

- MONITORING WELL
- RAILROAD TRACKS
- CONCRETE AREA
- SECTION CORNER
- 2" IRON PIPE FOUND.
- 1" IRON PIPE SET
- PK NAIL
- GAS VENT
- POWER POLE
- GUY WIRE
- GAS LINE
- FENCE LINE
- TELEPHONE PEDESTAL
- STREET LIGHT/POLE
- WELL
- SIGN
- CLEAN OUT
- CATCH BASIN
- WITNESS MONUMENT
- HYDRANT
- WOODED AREA
- APPROXIMATE PROPERTY BOUNDARY
- EXISTING MONITORING WELL
- APPROXIMATE EXCAVATION AREA (L-2)
- AREA REQUIRING SOIL STABILIZATION



NO.	DATE	APPR.	REVISION
1	10/00		RECORD DRAWINGS

SCRAP PROCESSING
Medford Wisconsin
WESTON MANAGERS DESIGNERS/CONSULTANTS
VERNON HILLS ILLINOIS

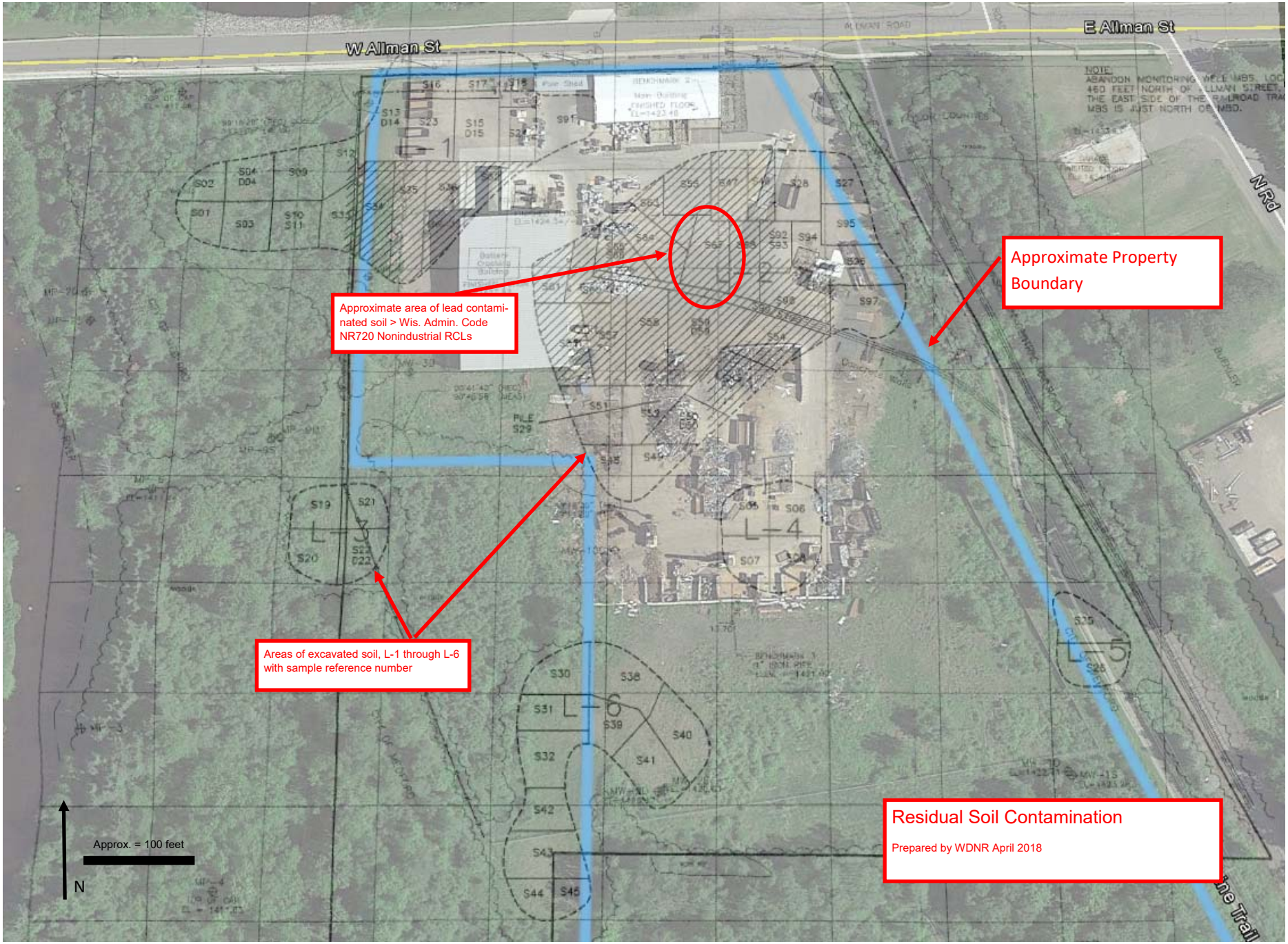
	DATE
CHECKED	
DES. ENG.	
PROJ. ENG.	
PROJ. MGR.	
APPROVED	
APPROVED	

CLIENT APPROVALS	DATE
ISSUED FOR	DATE

RE-SAMPLED CONFIRMATION SAMPLING AREAS

DRAWN D.C.H.	DATE 10/00	DWG. NO. 3-2	REV. NO. 1
SCALE 1"=100'	W.O. NO. 20064026100140	SHT. ____ OF ____	

H:\WORK\60-10/19/00=13:06-D:\0093\2001\21898


W Allman St
E Allman St
N Rd
Approximate area of lead contaminated soil > Wis. Admin. Code NR720 Nonindustrial RCLs
Approximate Property Boundary
Areas of excavated soil, L-1 through L-6 with sample reference number
Approx. = 100 feet
N
Residual Soil Contamination
Prepared by WDNR April 2018

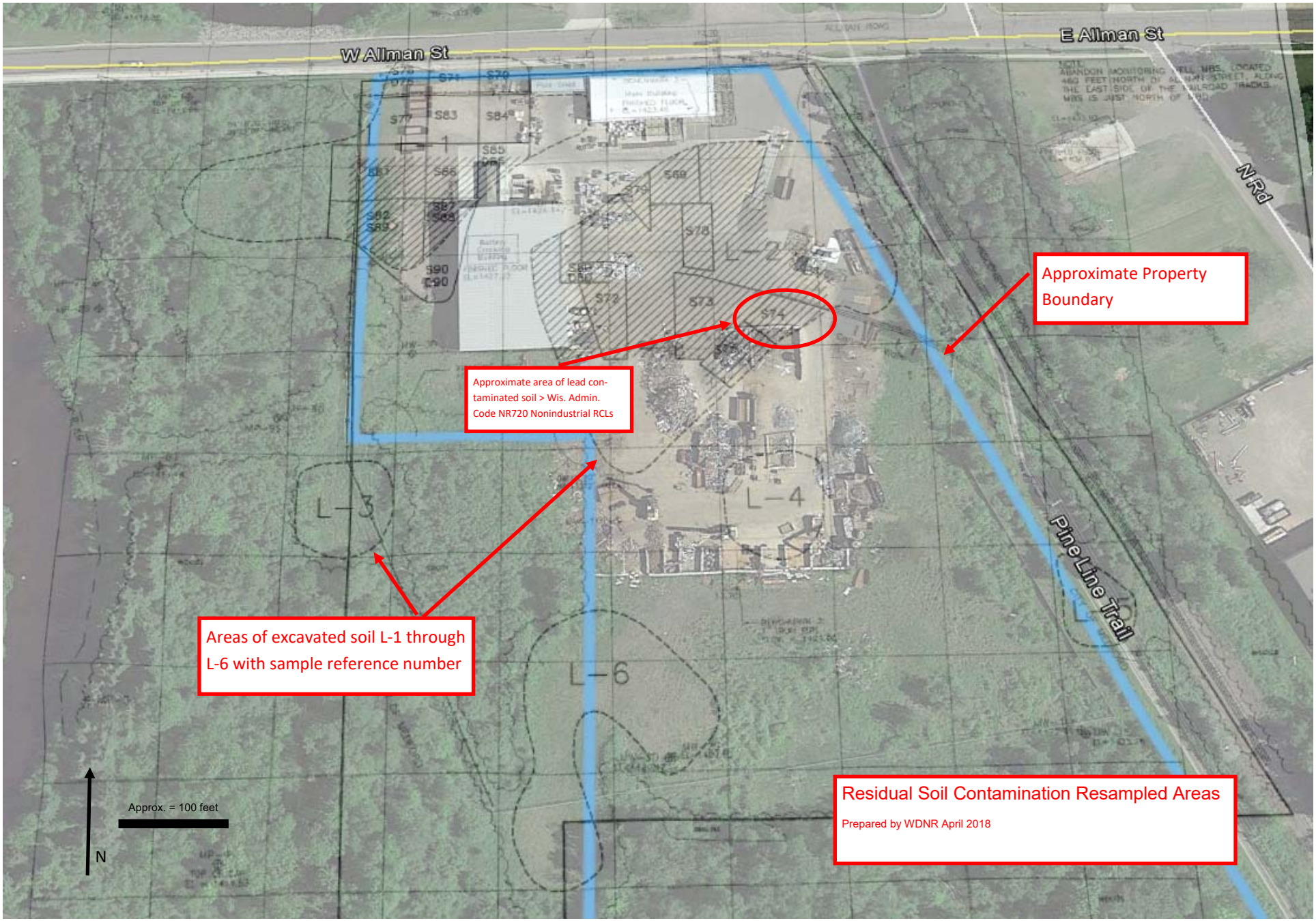

W Allman St
E Allman St
N Rd
Pine Line Trail
Approximate Property Boundary
Approximate area of lead contaminated soil > Wis. Admin. Code NR720 Nonindustrial RCLs
Areas of excavated soil L-1 through L-6 with sample reference number
L-1
L-2
L-3
L-4
L-6
Approx. = 100 feet
N
Residual Soil Contamination Resampled Areas
Prepared by WDNR April 2018

TABLE 3-1
SCRAP PROCESSING
SOIL REMEDIATION
TOTAL LEAD SOIL CONFIRMATION SAMPLING
MEDFORD, WISCONSIN
3 DECEMBER 1999

Analytical above lead cleanup objective of 500 mg/kg

DATE TAKEN	DATE RECEIVED BY LAB	LAB SAMPLE NUMBER	PROJECT SAMPLE NUMBER	STATION NUMBER	TOTAL LEAD (MG/KG)	ACTION TAKEN	RESAMPLED STATION NUMBER
01-Nov-99	04-Nov-99	17239	2000ZG02S01	SP1-SS01-01	21	No Action Taken	
01-Nov-99	04-Nov-99	17240	2000ZG02S02	SP1-SS02-01	29	No Action Taken	
01-Nov-99	04-Nov-99	17241	2000ZG02S03	SP1-SS03-01	29	No Action Taken	
02-Nov-99	04-Nov-99	17242	2000ZG02S04	SP1-SS04-01	43	No Action Taken	
02-Nov-99	04-Nov-99	17243	2000ZG02D04	SP1-SS04-01DP	40	No Action Taken	
02-Nov-99	04-Nov-99	17244	2000ZG02S05	SP1-SS05-01	35	No Action Taken	
02-Nov-99	04-Nov-99	17245	2000ZG02S06	SP1-SS06-01	18	No Action Taken	
02-Nov-99	04-Nov-99	17246	2000ZG02S07	SP1-SS07-01	67	No Action Taken	
02-Nov-99	04-Nov-99	17247	2000ZG02S08	SP1-SS08-01	33	No Action Taken	
02-Nov-99	04-Nov-99	17248	2000ZG02S09	SP1-SS09-01	80	No Action Taken	
03-Nov-99	04-Nov-99	17249	2000ZG02S10	SP1-SS10-01	74	No Action Taken	
03-Nov-99	04-Nov-99	17250	2000ZG02S11	SP1-SS11-01MSD	291	No Action Taken	
03-Nov-99	04-Nov-99	17251	2000ZG02S12	SP1-SS12-01	39	No Action Taken	
03-Nov-99	04-Nov-99	17252	2000ZG02S13	SP1-SS13-01	55	No Action Taken	
03-Nov-99	04-Nov-99	17253	2000ZG02D14	SP1-SS13-01DP	57	No Action Taken	
04-Nov-99	04-Nov-99	17255	2000ZG02S15	SP1-SS15-01	11,800	Excavte and resample	S83
04-Nov-99	04-Nov-99	17259	2000ZG02D15	SP1-SS15-01DP	10,800	Excavte and resample	S83
04-Nov-99	04-Nov-99	17256	2000ZG02S16	SP1-SS16-01	185	No Action Taken	
04-Nov-99	04-Nov-99	17257	2000ZG02S17	SP1-SS17-01	275	No Action Taken	
04-Nov-99	04-Nov-99	17258	2000ZG02S18	SP1-SS18-01	1,900	Excavte and resample	S70
05-Nov-99	08-Nov-99	17279	2000ZG02S19	SP1-SS19-01	17	No Action Taken	
05-Nov-99	08-Nov-99	17280	2000ZG02S20	SP1-SS20-01	13	No Action Taken	
05-Nov-99	08-Nov-99	17281	2000ZG02S21	SP1-SS21-01	19	No Action Taken	
05-Nov-99	08-Nov-99	17282	2000ZG02S22	SP1-SS22-01	21	No Action Taken	
05-Nov-99	08-Nov-99	17283	2000ZG02D22	SP1-SS22-01DP	18	No Action Taken	
05-Nov-99	08-Nov-99	17284	2000ZG02S23	SP1-SS23-01	710	Excavte and resample	S77
05-Nov-99	08-Nov-99	17285	2000ZG02S24	SP1-SS24-01	695	Excavte and resample	S84
08-Nov-99	08-Nov-99	17321	2000ZG02S25	SP1-SS25-01	31	No Action Taken	
08-Nov-99	08-Nov-99	17322	2000ZG02S26	SP1-SS26-01	23	No Action Taken	
08-Nov-99	08-Nov-99	17323	2000ZG02S27	SP1-SS27-01	97	No Action Taken	
08-Nov-99	08-Nov-99	17324	2000ZG02S28	SP1-SS28-01	96	No Action Taken	
09-Nov-99	10-Nov-99	17374	2000ZG02S29	SP1-SS29-01	8,470	Stabilize and excavate	
09-Nov-99	10-Nov-99	17375	2000ZG02S30	SP1-SS30-01	52	No Action Taken	
09-Nov-99	10-Nov-99	17376	2000ZG02S31	SP1-SS31-01	35	No Action Taken	
09-Nov-99	10-Nov-99	17377	2000ZG02S32	SP1-SS32-01	55	No Action Taken	
10-Nov-99	10-Nov-99	17387	2000ZG02S33	SP1-SS33-01	2,330	Excavte and resample	S82/S89/S81
10-Nov-99	10-Nov-99	17388	2000ZG02S34	SP1-SS34-01	2,720	Excavte and resample	S82/S89/S81
10-Nov-99	10-Nov-99	17389	2000ZG02S35	SP1-SS35-01	730	Excavte and resample	S87/S88/S86
10-Nov-99	10-Nov-99	17390	2000ZG02S36	SP1-SS36-01	970	Excavte and resample	S87/S88/S86
11-Nov-99	12-Nov-99	17459	2000ZG02S37	SP1-SS37-01	619	Taken at 4.5 ft bgs	S86
11-Nov-99	12-Nov-99	17460	2000ZG02S38	SP1-SS38-01	72	No Action Taken	
11-Nov-99	12-Nov-99	17461	2000ZG02S39	SP1-SS39-01	13	No Action Taken	
11-Nov-99	12-Nov-99	17462	2000ZG02S40	SP1-SS40-01	46	No Action Taken	
11-Nov-99	12-Nov-99	17463	2000ZG02S41	SP1-SS41-01	16	No Action Taken	
11-Nov-99	12-Nov-99	17464	2000ZG02S42	SP1-SS42-01	73	No Action Taken	
11-Nov-99	12-Nov-99	17465	2000ZG02S43	SP1-SS43-01	17	No Action Taken	
11-Nov-99	12-Nov-99	17466	2000ZG02S44	SP1-SS44-01	16	No Action Taken	
11-Nov-99	12-Nov-99	17467	2000ZG02S45	SP1-SS45-01MSD	18	No Action Taken	
12-Nov-99	15-Nov-99	17475	2000ZG02S46	SP1-SS46-01	140	No Action Taken	
12-Nov-99	15-Nov-99	17476	2000ZG02S47	SP1-SS47-01	234	No Action Taken	
12-Nov-99	15-Nov-99	17477	2000ZG02S48	SP1-SS48-01	58	No Action Taken	
12-Nov-99	15-Nov-99	17478	2000ZG02S49	SP1-SS49-01	130	No Action Taken	
12-Nov-99	15-Nov-99	17479	2000ZG02S50	SP1-SS50-01	314	No Action Taken	
12-Nov-99	15-Nov-99	17480	2000ZG02D50	SP1-SS50-01DP	275	No Action Taken	
15-Nov-99	16-Nov-99	17497	2000ZG02S51	SP1-SS51-01	252	No Action Taken	
15-Nov-99	16-Nov-99	17498	2000ZG02S52	SP1-SS52-01	336	No Action Taken	
15-Nov-99	16-Nov-99	17499	2000ZG02S53	SP1-SS53-01	846	Excavate 6 inches, stabilize, and resample	S75
15-Nov-99	16-Nov-99	17500	2000ZG02S54	SP1-SS54-01	945	Excavate 6 inches, stabilize, and resample	S74
15-Nov-99	16-Nov-99	17501	2000ZG02S55	SP1-SS55-01	1030	Excavate 6 inches, stabilize, and resample	S69
16-Nov-99	17-Nov-99	17502	2000ZG02S56	SP1-SS56-01	274	No Action Taken	

TABLE 3-1
SCRAP PROCESSING
SOIL REMEDIATION
TOTAL LEAD SOIL CONFIRMATION SAMPLING
MEDFORD, WISCONSIN
3 DECEMBER 1999

Analytical above lead cleanup objective of 500 mg/kg

DATE TAKEN	DATE RECEIVED BY LAB	LAB SAMPLE NUMBER	PROJECT SAMPLE NUMBER	STATION NUMBER	TOTAL LEAD (MG/KG)	ACTION TAKEN	RESAMPLED STATION NUMBER
16-Nov-99	17-Nov-99	17503	2000ZG02S57	SP1-SS57-01	943	Excavate 6 inches, stabilize, and resample	S72
16-Nov-99	17-Nov-99	17504	2000ZG02S58	SP1-SS58-01	360	No Action Taken	
16-Nov-99	17-Nov-99	17505	2000ZG02S59	SP1-SS59-01	567	Excavate 6 inches, stabilize, and resample	S73
16-Nov-99	17-Nov-99	17506	2000ZG02D59	SP1-SS59-01-DP	752	Excavate 6 inches, stabilize, and resample	S73
17-Nov-99	18-Nov-99	17561	2000ZG02S60	SP1-SS60-01	547	Excavate 6 inches, stabilize, and resample	S80/S87/S88
17-Nov-99	18-Nov-99	17562	2000ZG02S61	SP1-SS61-01	36	No Action Taken	
17-Nov-99	18-Nov-99	17563	2000ZG02S62	SP1-SS62-01	230	No Action Taken	
18-Nov-99	19-Nov-99	17595	2000ZG02S63	SP1-SS63-01	622	Excavate 6 inches, stabilize, and resample	S85/S87/S88
18-Nov-99	19-Nov-99	17596	2000ZG02S64	SP1-SS64-01	153	No Action Taken	
18-Nov-99	19-Nov-99	17597	2000ZG02S65	SP1-SS65-01	255	No Action Taken	
18-Nov-99	19-Nov-99	17598	2000ZG02S66	SP1-SS66-01MSD	165	No Action Taken	
18-Nov-99	19-Nov-99	17599	2000ZG02S67	SP1-SS67-01	494	No Action Taken	
18-Nov-99	19-Nov-99	17600	2000ZG02S68	SP1-SS68-01	698	Excavate 6 inches, stabilize, and resample	S78
18-Nov-99	19-Nov-99	17601	2000ZG02S69	SP1-SS69-01	33	No Action Taken	
18-Nov-99	22-Nov-99	17617	2000ZG02S70	SP1-SS70-01	396	No Action Taken	
18-Nov-99	22-Nov-99	17618	2000ZG02S71	SP1-SS71-01	345	No Action Taken	
19-Nov-99	22-Nov-99	17619	2000ZG02S72	SP1-SS72-01	18	No Action Taken	
19-Nov-99	22-Nov-99	17620	2000ZG02S73	SP1-SS73-01	93	No Action Taken	
19-Nov-99	22-Nov-99	17621	2000ZG02S74	SP1-SS74-01	417	No Action Taken	
19-Nov-99	22-Nov-99	17622	2000ZG02S75	SP1-SS75-01	36	No Action Taken	
19-Nov-99	22-Nov-99	17623	2000ZG02S76	SP1-SS76-01	49	No Action Taken	
19-Nov-99	22-Nov-99	17624	2000ZG02D76	SP1-SS76-01DP	77	No Action Taken	
19-Nov-99	22-Nov-99	17625	2000ZG02S77	SP1-SS77-01	86	No Action Taken	
23-Nov-99	24-Nov-99	17657	2000ZG02S78	SP1-SS78-01	31	No Action Taken	
23-Nov-99	24-Nov-99	17658	2000ZG02S79	SP1-SS79-01	39	No Action Taken	
23-Nov-99	24-Nov-99	17659	2000ZG02S80	SP1-SS80-01	11	No Action Taken	
23-Nov-99	24-Nov-99	17660	2000ZG02D80	SP1-SS80-01DP	9.4	No Action Taken	
23-Nov-99	24-Nov-99	17661	2000ZG02S81	SP1-SS81-01	37	No Action Taken	
24-Nov-99	29-Nov-99	17667	2000ZG02S82	SP1-SS82-01	961	Excavate 6 inches, stabilize, and resample	S89
24-Nov-99	29-Nov-99	17668	2000ZG02S83	SP1-SS83-01	76	No Action Taken	
24-Nov-99	29-Nov-99	17669	2000ZG02S84	SP1-SS84-01	13	No Action Taken	
30-Nov-99	01-Dec-99	17710	2000ZG02S85	SP1-SS85-01	20	No Action Taken	
30-Nov-99	01-Dec-99	17711	2000ZG02D85	SP1-SS85-01DP	54	No Action Taken	
30-Nov-99	01-Dec-99	17712	2000ZG02S86	SP1-SS86-01	42	No Action Taken	
30-Nov-99	01-Dec-99	17713	2000ZG02S87	SP1-SS87-01	27	No Action Taken	
30-Nov-99	01-Dec-99	17714	2000ZG02S88	SP1-SS88-01	27	No Action Taken	
01-Dec-99	02-Dec-99	17779	2000ZG02S89	SP1-SS89-01	19	No Action Taken	
01-Dec-99	02-Dec-99	17780	2000ZG02S90	SP1-SS90-01	69	No Action Taken	
01-Dec-99	02-Dec-99	17781	2000ZG02D90	SP1-SS90-01DP	86	No Action Taken	

TABLE 3-2
SOIL REMEDIATION
TCLP LEAD SOIL CONFIRMATION SAMPLING
3 DECEMBER 1999

ANALYTICAL ABOVE LEAD TCLP LIMIT OF 5 MG/L

DATE TAKEN	DATE RECEIVED BY LAB	LAB SAMPLE NUMBER	PROJECT SAMPLE NUMBER	STABILIZATION AREA	TCLP (MG/L)	ACTION TAKEN	Resampled Stabilization Area
11/04/1999	11/06/1999	255527	S-1	A-C	0.077	No Action Taken	
11/04/1999	11/06/1999	255528	S-2	B	9.81	Restabilize and resample	A5/A6
11/04/1999	11/06/1999	255529	S-3	D	0.002	No Action Taken	
11/08/1999	11/09/1999	255728	S-4	S-15 and S-18	235	Stabilize and sample	A2/A3
11/08/1999	11/09/1999	255729	S-5	T	0.022	No Action Taken	
11/08/1999	11/09/1999	255730	S-6	S	1.4	No Action Taken	
11/10/1999	11/11/1999	255971	S-7	Area L-1-batteries	NA	No Action Taken	
11/10/1999	11/11/1999	255972	S-8	B	<0.001	No Action Taken	
11/10/1999	11/11/1999	255973	S-9	B	0.208	No Action Taken	
11/11/1999	11/12/1999	256100	S-10	R	0.047	No Action Taken	
11/11/1999	11/12/1999	256101	S-11	P	<0.001	No Action Taken	
11/11/1999	11/12/1999	256102	S-12	Area L-1-batteries	10.8	Excavate batteries & resample	
11/11/1999	11/12/1999	256103	S-13	F	0.033	No Action Taken	
11/11/1999	11/12/1999	256104	S-14	Q	0.105	No Action Taken	
11/12/1999	11/15/1999	256169	S-15	Treatability study-untreated sample	129	No Action Taken	
11/12/1999	11/15/1999	256170	S-16	Treatability study-1.5% reagent	1.62	No Action Taken	
11/12/1999	11/15/1999	256171	S-17	Treatability study-2% reagent	0.462	No Action Taken	
11/12/1999	11/15/1999	256172	S-18	Treatability study-2.5% reagent	0.623	No Action Taken	
11/15/1999	11/16/1999	256226	S-19	E	0.141	No Action Taken	
11/15/1999	11/16/1999	256227	S-20	H	0.693	No Action Taken	
11/15/1999	11/16/1999	256228	S-21	I	0.002	No Action Taken	
11/15/1999	11/16/1999	256229	S-22	G	0.177	No Action Taken	
11/17/1999	11/18/1999	256630	S-23	K	2.29	No Action Taken	

TABLE 3-2
SOIL REMEDIATION
TCLP LEAD SOIL CONFIRMATION SAMPLING
3 DECEMBER 1999

ANALYTICAL ABOVE LEAD TCLP LIMIT OF 5 MG/L

DATE TAKEN	DATE RECEIVED BY LAB	LAB SAMPLE NUMBER	PROJECT SAMPLE NUMBER	STATION NUMBER	TCLP (MG/L)	ACTION TAKEN	Resampled Stabilization Area
11/18/1999	11/19/1999	256846	S-24	A1	0.147	No Action Taken	
11/18/1999	11/19/1999	256847	S-25	L-2, south of tracks	0.054	No Action Taken	
11/18/1999	11/19/1999	256848	S-26	A2	0.238	No Action Taken	
11/19/1999	11/22/1999	256857	S-27	A3	17.5	Restabilize and resample	S-33
11/19/1999	11/22/1999	256858	S-28	A4	0.873	No Action Taken	
11/19/1999	11/22/1999	256859	S-29	L-2, dirt pile	1.02	No Action Taken	
11/23/1999	11/24/1999	257092	S-30	S78,S79,S80	<0.001	No Action Taken	
11/23/1999	11/24/1999	257093	S-31	A5	0.18	No Action Taken	
11/23/1999	11/24/1999	25794	S-32	A7	<0.001	No Action Taken	
11/29/1999	11/30/1999	257338	S-33	A3 Restabilize	0.103	No Action Taken	A3
11/29/1999	11/30/1999	257339	S-34	A6	0.01	No Action Taken	
11/29/1999	11/30/1999	257340	S-35	A8	0.014	No Action Taken	