State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

Scott Walker, Governor
Cathy Stepp, Secretary
Scott Humrickhouse, Regional Director

Wisconsin Rapids Service Center
473 Griffith Avenue
Wisconsin Rapids, Wisconsin 54494
Telephone 715-421-7800
FAX 715-421-7830

February 2, 2012

FILE COPY

BRRTS #02-72-554728
BRRTS #06-72-553631

Mr. Stewart Marcoux
Domtar A.W., LLC
395 de Maisonneuve Blvd. West
Montreal, Quebec H3A 1L6

KEEP THIS DOCUMENT WITH YOUR PROPERTY RECORDS

SUBJECT: Final Case Closure with Continuing Obligations
Former Domtar Port Edwards Mill Production Area
Port Edwards, Wisconsin

Dear Mr. Marcoux:

The Department of Natural Resources (Department) considers the former Domtar Port Edwards Mill Production Area site closed, with continuing obligations. No further investigation or remediation is required related to past releases in this area. However, you and future property owners must comply with the continuing obligations as explained in the conditions of closure in this letter. Please read over this letter closely to ensure that you comply with all conditions and other on-going requirements. Provide this letter and the attached maintenance plan to anyone who purchases this property from Domtar A.W., LLC.

This final closure decision is based on the correspondence and data provided, and is issued under ch. NR 726, Wisconsin Administrative Code. The Wisconsin Department of Natural Resources West Central Region Closure Committee reviewed the request for closure on March 18, 2011. The Closure Committee reviews environmental remediation cases for compliance with state laws and standards to maintain consistency in the closure of these cases. A conditional closure letter was issued by the Department on March 24, 2011, and documentation that the conditions in that letter were met was received on December 30, 2011, and approved on January 17, 2012.

The Former Domtar Port Edwards Mill Production Area site includes areas in and around the Main Plant Acid Plant, Chemical Delivery, and paved areas between the Main Plant and the Wisconsin River. The conditions of closure and continuing obligations required are based on the property being used for industrial purposes.

Continuing Obligations

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

- Groundwater contamination is present above ch. NR 140, Wis. Adm. Code, enforcement standards.
- Residual soil contamination exists that must be properly managed should it be excavated or removed.
- Pavement, buildings or an engineered cover must be maintained over contaminated soil and the Department must approve any changes to this barrier.
- Before the land use may be changed from industrial to non-industrial, additional environmental work may be required.

GIS Registry

This site will be listed on the Remediation and Redevelopment Program's internet accessible Geographic Information System (GIS) Registry, to provide notice of residual contamination and of any continuing obligations. Department approval prior to well construction or reconstruction is required for all sites shown on the GIS Registry, in accordance with s. NR 812.09(4) (w), Wis. Adm. Code. To obtain approval, complete and submit Form 3300-254 to the Department's Drinking and Groundwater program's regional water supply specialist. This form can be obtained on-line at http://dnr.wi.gov/org/water/dwg/3300254.pdf or at the web address listed below for the GIS Registry.

All site information is also on file at the Department's Wisconsin Rapids Service Center at 473 West Griffith Avenue, Wisconsin Rapids, Wisconsin. This letter and information that was submitted with your closure request application, including the maintenance plan, will be included on the GIS Registry in a PDF attachment. To review the site on the GIS Registry web page, visit the RR Sites Map page at http://dnr.wi.gov/org/aw/rr/gis/index.htm.

Prohibited Activities

Certain activities are prohibited at closed sites because maintenance of a barrier is intended to prevent contact with any remaining contamination. When a barrier is required, the condition of closure requires notification of the Department before making a change, in order to determine if further action is needed to maintain the protectiveness of the remedy employed. The following activities are prohibited on any portion of the property where pavement, a building, an engineered cover or other barrier is required, as shown on the attached map, unless prior written approval has been obtained from the Department:

- removal of the existing barrier;
- replacement with another barrier;
- excavating or grading of the land surface;
- filling on covered or paved areas;
- plowing for agricultural cultivation;
- construction or placement of a building or other structure;
- changing the use or occupancy of the property to a residential exposure setting, which may include certain uses, such as single or multiple family residences, a school, day care, senior center, hospital, or similar residential exposure settings;

Closure Conditions

Compliance with the requirements of this letter is a responsibility to which you and any subsequent property owners must adhere. Department staff will conduct periodic prearranged inspections to ensure that the conditions included in this letter and the attached maintenance plans are met. If these requirements are not followed, the Department may take enforcement action under s. 292.11, Wisconsin Statutes, to ensure compliance with the specified requirements, limitations or other conditions related to the property.

Residual Groundwater Contamination (ch. NR 140, 812, Wis. Adm. Code)

Groundwater contamination greater than enforcement standards is present on this contaminated property. If anyone intends to construct a new well, or reconstruct an existing well, they will need prior Department approval.

Residual Soil Contamination (ch. NR 718, chs. 500 to 536, Wis. Adm. Code, or ch. 289, Wis. Stats.)

Soil contamination remains at this site. If soil is excavated in the future, the property owner 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 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. In addition, all current and future owners and occupants of the property need to be aware that excavation of the contaminated soil may pose an inhalation or other direct contact hazard and as a result special precautions may need to be taken to prevent a direct contact health threat to humans.

Cover or Barrier (s. 292.12 (2) (a), Wis. Stats.)

The pavement and buildings that exists in the specific location shown on the attached map shall be maintained in compliance with the attached maintenance plan in order to minimize the infiltration of water and prevent additional groundwater contamination that would violate the groundwater quality standards in ch. NR 140, Wis. Adm. Code, and to prevent direct contact with residual soil contamination that might otherwise pose a threat to human health.

A cover or barrier for industrial land uses, or certain types of commercial land uses may not be protective if use of the property were to change such that a residential exposure would apply. This may include, but is not limited to single or multiple family residences, a school, day care, senior center, hospital or similar settings. Before using the property for such purposes, you must notify the Department to determine if additional response actions are warranted.

A request may be made to modify or replace a cover or barrier. The replacement or modified cover or barrier must be protective of the revised use of the property, and must be approved in writing by the Department prior to implementation.

The attached maintenance plan and inspection log are to be kept up-to-date and on-site. Submit the inspection log to the Department only upon request.

Industrial Soil Standards (s. NR 726.05 (8) (b) 1., Wis. Adm. Code)

Soil contamination remains at this site. Samples contained arsenic and chromium in concentrations which exceeded non-industrial (residential) soil standards.

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 Department. An investigation and remedial action to meet applicable soil cleanup standards may be required at that time.

Dewatering Permits

The Department's Watershed Management Program regulates point source discharges of contaminated water, including discharges to surface waters, storm sewers, pits or to the ground surface. This includes discharges from construction related dewatering activities, including utility and building construction.

Based on the concentrations of contaminants remaining in groundwater at this location, it appears likely that dewatering activities would require a permit from the Department's Watershed Management Program. If you or any other person plan to conduct such activities, you or that person must contact that program, and if necessary, apply for the necessary discharge permit. Additional information regarding discharge permits is available at http://www.dnr.state.wi.us/org/water/wm/ww/.

The following Department fact sheet, "Continuing Obligations for Environmental Protection", RR-819, was included with this letter, to help explain a property owner's responsibility for continuing obligations on their property. If the fact sheet is lost, you may obtain a copy at http://dnr.wi.gov/org/aw/rr/archives/pubs/RR819.pdf.

Please send written notifications in accordance with the above requirements to the Wisconsin Department of Natural Resources West Central Region office, to the attention of the Remediation and Redevelopment Program Assistant.

Please be aware that the case may be reopened pursuant to s. NR 726.09, Wis. Adm. Code, 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.

Upon issuance of a Certificate of Completion (COC) under the Voluntary Party Liability Exemption (VPLE) Program, the voluntary party and any "successors or assigns" are exempt from provisions of the Hazardous Substance Spills Law (s. 292.11, Wis. Stats.), as this law relates to past releases of hazardous substances, and cannot be held responsible for further environmental investigation and cleanup of these past releases contingent upon compliance with the conditions of case closure and the exemption.

The Department appreciates your efforts to restore the environment at this site. If you have any questions regarding this closure decision or anything outlined in this letter, please contact Tom Hvizdak at (715) 421-7850.

Sincerely,

William Evans

William Evans, Team Supervisor
West Central Region Remediation & Redevelopment Program

Attachments: Engineering Control Maintenance Plan
Figure 1 - Paving Maintenance Area
Continuing Obligations for Environmental Protection (Department Publication RR-819)

c: Dave Ulrich, Domtar A.W., LLC, 301 Point Basse Ave., Nekoosa, WI 54457-1422
Loren Brumberg, Tom Hvizdak – DNR WCR
James Hutchens, Environ, 175 N. Corporate Dr., Suite 160, Brookfield, WI 53045

ENGINEERING CONTROL MAINTENANCE PLAN
SITE PAVING
BRRTS #02-72-554728
January 2012

1.0 Introduction

The property is located in Wood County, Wisconsin. The street address of the site is 100 Wisconsin River Drive in Port Edwards, Wisconsin. The site is bordered to the south and east by the Wisconsin River in Port Edwards, about 0.25 miles south of Highways 54 and 73.

This document is the Maintenance Plan for an impervious cover over the process area located along the Wisconsin River at the property described above in accordance with the requirements of s. NR 724.13(2), Wisconsin Administrative Code. The maintenance activities relating to the existing buildings and concrete and asphalt pavement areas occupying the process area are shown on Figure 1.

Soils in the area consist of sand with gravel and fill material over fine to coarse sand. The sample with the elevated PID reading (L1-012) was at a depth of 12 to 14 feet and was stained with a petroleum type odor with glass and other debris. The soils above this sample did not exhibit any odors or discoloration. Depth-to-water ranged from 8 to 14 feet. Analytical results of the soil and groundwater samples are summarized below.

- All process area samples detected arsenic concentrations. However, all samples with the exception of L1-001 were within the typical background concentrations observed in Wisconsin (5 to 10 mg/kg). L1-001 had a concentration of 41.2 ppm along with elevated levels of chromium and lead (217 ppm and 113 ppm, respectively). This boring was advanced southeast of the maintenance shop and may indicate fill material used in that area as the source of the contamination. Elevated chromium levels were also identified in L1-002 (71.8 ppm), L1-003 (35.3 ppm), and L5-001 (14.1 ppm). These elevated chromium levels could be the result of fill materials in these locations as well. The only other soil detections above standards were for benzo(a)pyrene in L1-004 (0.457 ppm), L1-005 (0.486 ppm), L1-010 (0.817 ppm), and L1-014 (0.508 ppm). No other metals, VOCs, or PAHs were detected above soil standards in the process area borings.
- Concentrations above NR 140 groundwater enforcement standard (ES) or preventive action limit (PAL) included the following: L5-001 had a detection of chrysene at 0.27 ppb, which is marginally above the ES of 0.2 ppb. L1-009, located near the acid plant, had a detection of methylene chloride (a common laboratory contaminant) at 0.94 ppb, which is below the NR 140 ES of 5 ppb. The sulfate level in L1-013 (672 ppm) was above the NR 140 ES (250 ppm) for public welfare.
- No soil or groundwater samples were collected beneath any of the buildings in the process area.

More site-specific information about this property may be found in:

- the case file in the WDNR West Central regional office;
- BRRTS on the Web (WDNR's Internet based data base of contaminated sites): http://dnr.wi.gov/botw/SetUpBasicSearchForm.do;
- GIS Registry PDF file for further information on the nature and extent of contamination: http://dnrmaps.wisconsin.gov/imf/imf.jsp?site=brrts2; and
- the WDNR Remediation & Redevelopment Program Project Manager for Wood County.

The entire area is covered with concrete and asphalt paving, or the existing mill building. This Engineering Control Maintenance Plan identifies pavement maintenance activities and the associated schedule to ensure that the pavement remains intact to limit volatilization of organics and direct contact and thus protect the potential receptor populations. Section 2 identifies the activities and schedule requirements of this maintenance plan. A figure depicting the extent of impact relative to other site features is contained as Figure 1.

2.0 Maintenance Requirements

This Engineering Control Maintenance Plan has been developed to ensure that the barrier to the underlying soil by the presence of the buildings and the concrete/asphalt paving in the process area will be properly maintained. Requirements will be met by both current and future property owners. The following procedures will be followed to ensure that the potential for exposure to residual contamination is minimized.

Inspections

The floors on the lowest level of the buildings and the concrete/asphalt exterior areas of the process area as shown in Figure 1 will be inspected on an annual basis. The inspection will include evaluating the surface for cracks or deterioration that can cause additional infiltration into/or exposure to underlying soils. The inspections will be performed by the property owner or their designated representative. The inspections will be performed to evaluate damage due to settling, exposure to the weather, wear from traffic, increasing age, and other factors. Any area where soils have become or are likely to become exposed (and where infiltration from the surface will not be effectively minimized) will be documented. A log of the inspections and any repairs will be maintained by the property owner. The log will include recommendations for necessary repair of any areas where underlying soils are exposed and where infiltration from the surface will not be effectively minimized. Once repairs are completed, they will be documented in the inspection log. A copy of the inspection log will be kept at the address of the property owner and available for submittal or inspection by the Wisconsin Department of Natural Resources (WDNR).

Maintenance Activities

If problems are noted during the annual inspections or at any other time during the year, repairs will be scheduled as soon as practical. Repairs can include patching and filling or larger resurfacing or construction operations. In the event that necessary maintenance activities expose the underlying soil, the owner must inform maintenance workers of the direct contact exposure hazard and provide them with appropriate personal protection equipment (PPE).

The owner must also sample any soil that is excavated from the site prior to disposal to ascertain if contamination remains. The soil must be treated, stored, and disposed of by the owner in accordance with applicable local, state, and federal laws. In the event the concrete/asphalt pavement or building structure in the process area are removed or replaced, the replacement barrier must be equally impervious. Any replacement barrier will be subject to the same maintenance and inspection guidelines as outlined in this Maintenance Plan unless indicated otherwise by the WDNR or its successor.

The property owner, in order to maintain the integrity of the concrete and building structure, will maintain a copy of this Maintenance Plan on-site and make it available to all interested parties for viewing.

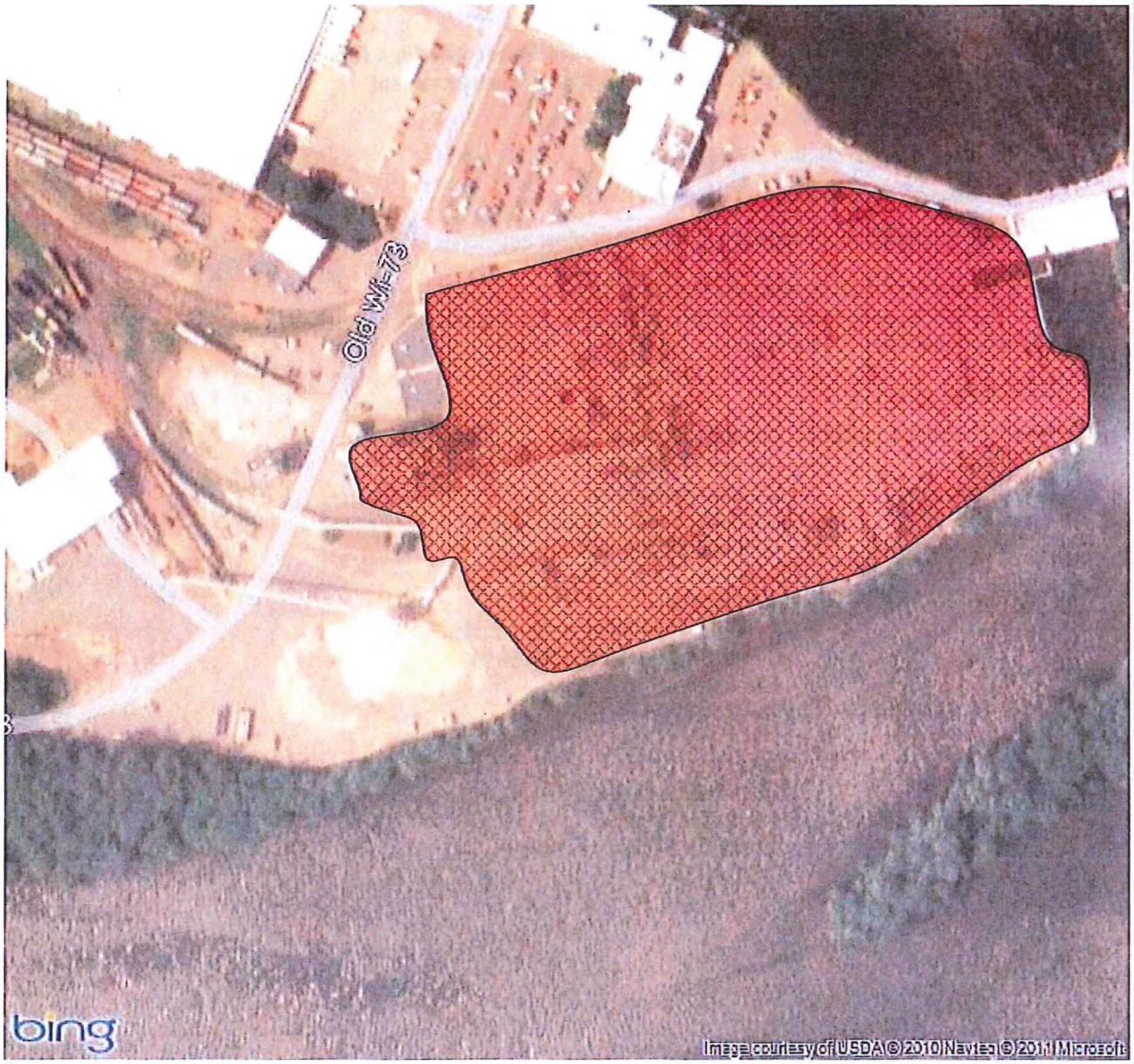
Prohibition of Activities and Notification of WDNR Prior to Actions Affecting the Cover
The following activities require WDNR approval prior to commencement.

1. removal or replacement of the existing barrier;
2. excavating or grading of the land surface;
3. filling on capped or paved areas; and
4. construction or placement of a building or other structure.

Amendment or Withdrawal of Maintenance Plan
This Maintenance Plan can be amended or withdrawn by the property owner and its successors with the written approval of the WDNR.

Contact Information

Site Owner and Operator:	Stewart Marcoux Domtar AW, LLC 395 de Maisonneuve Blvd Montreal, Quebec, Canada H3A1LC 514-848-5555
Consultant:	Jim Hutchens ENVIRON International Corporation 175 N. Corporate Drive, Suite 160 Brookfield, WI 53045 262-901-0095
Agency:	Tom Hvizdak Wisconsin Department of Natural Resources 473 Griffith Avenue Wisconsin Rapids, WI 54494 715-421-7850



Area requiring inspection and maintenance of Paved areas

PROJECT:	Domtar Port Edwards
SHEET TITLE:	Paving Maintenance Area - Production
DATE: 07/21/11	FIGURE No.: 1
PROJECT NO.: 21-52953A	

ENVIRON
www.environcorp.com

175 N. Corporate Drive, Suite 160
Brookfield, WI 53045
PHONE: (262) 901-0099
FAX: (262) 901-0079

State of Wisconsin Department of Natural Resources http://dnr.wi.gov	**GIS Registry Checklist** Form 4400-245 (R 3/10) Page 1 of 3

This Adobe Fillable form is intended to provide a list of information that is required for evaluation for case closure. It is to be used in conjunction with Form 4400-202, Case Closure Request. The closure of a case means that the Department has determined that no further response is required at that time based on the information that has been submitted to the Department.

NOTICE: Completion of this form is mandatory for applications for case closure pursuant to ch. 292, Wis. Stats. and ch. NR 726, Wis. Adm. Code, including cases closed under ch. NR 746 and ch. NR 726. The Department will not consider, or act upon your application, unless all applicable sections are completed on this form and the closure fee and any other applicable fees, required under ch. NR 749, Wis. Adm. Code, Table 1 are included. It is not the Department's intention to use any personally identifiable information from this form for any purpose other than reviewing closure requests and determining the need for additional response action. The Department may provide this information to requesters as required by Wisconsin's Open Records law [ss. 19.31 - 19.39, Wis. Stats.].

BRRTS #: 02-72-554728 PARCEL ID #: 772010580

ACTIVITY NAME: Domtar Port Edwards Production Area WTM COORDINATES: X: 531266 Y: 429324

CLOSURE DOCUMENTS (the Department adds these items to the final GIS packet for posting on the Registry)

- [x] **Closure Letter**
- [x] **Maintenance Plan** *(if activity is closed with a land use limitation or condition (land use control) under s. 292.12, Wis. Stats.)*
- [ ] **Continuing Obligation Cover Letter** (for property owners affected by residual contamination and/or continuing obligations)
- [x] **Conditional Closure Letter**
- [ ] **Certificate of Completion (COC)** (for VPLE sites)

SOURCE LEGAL DOCUMENTS

- [x] **Deed:** The most recent deed as well as legal descriptions, for the **Source Property** (where the contamination originated). Deeds for other, off-source (off-site) properties are located in the **Notification** section.
  Note: *If a property has been purchased with a land contract and the purchaser has not yet received a deed, a copy of the land contract which includes the legal description shall be submitted instead of the most recent deed. If the property has been inherited, written documentation of the property transfer should be submitted along with the most recent deed.*
- [ ] **Certified Survey Map:** A copy of the certified survey map or the relevant section of the recorded plat map *for those properties where the legal description in the most recent deed refers to a certified survey map or a recorded plat map.* (lots on subdivided or platted property (e.g. lot 2 of xyz subdivision)).

  Figure #: **Title:**
- [x] **Signed Statement:** A statement signed by the Responsible Party (RP), which states that he or she believes that the attached legal description accurately describes the correct contaminated property.

MAPS (meeting the visual aid requirements of s. NR 716.15(2)(h))

Maps must be no larger than 11 x 17 inches unless the map is submitted electronically.

- [x] **Location Map:** A map outlining all properties within the contaminated site boundaries on a U.S.G.S. topographic map or plat map in sufficient detail to permit easy location of all parcels. If groundwater standards are exceeded, include the location of all potable wells within 1200 feet of the site.
  Note: *Due to security reasons municipal wells are not identified on GIS Packet maps. However, the locations of these municipal wells must be identified on Case Closure Request maps.*

  Figure #: 1 **Title: Site Location Map**
- [x] **Detailed Site Map:** A map that shows all relevant features (buildings, roads, individual property boundaries, contaminant sources, utility lines, monitoring wells and potable wells) within the contaminated area. This map is to show the location of all contaminated public streets, and highway and railroad rights-of-way in relation to the source property and in relation to the boundaries of groundwater contamination exceeding a ch. NR 140 Enforcement Standard (ES), and/or in relation to the boundaries of soil contamination exceeding a Residual Contaminant Level (RCL) or a Site Specific Residual Contaminant Levels (SSRCL) as determined under s. NR 720.09, 720.11 and 720.19.

  Figure #: 2 **Title: Site Layout - Aerial Photo**
- [ ] **Soil Contamination Contour Map:** For sites closing with residual soil contamination, this map is to show the location of all contaminated soil and a single contour showing the horizontal extent of each area of contiguous residual soil contamination that exceeds a Residual Contaminant Level (RCL) or a Site Specific Residual Contaminant Level (SSRCL)as determined under s. NR 720.09, 720.11 and 720.19.

  Figure #: **Title:**

BRRTS #: 02-72-554728 ACTIVITY NAME: Domtar Port Edwards Production Area

MAPS (continued)

☒ **Geologic Cross-Section Map:** A map showing the source location and vertical extent of residual soil contamination exceeding a Residual Contaminant Level (RCL) or a Site Specific Residual Contaminant Level (SSRCL). If groundwater contamination exceeds a ch. NR 140 Enforcement Standard (ES) when closure is requested, show the source location and vertical extent, water table and piezometric elevations, and locations and elevations of geologic units, bedrock and confining units, if any.

Figure #: 3 **Title: Site Map with Cross Sections and Soil Boring Locations**

Figure #: 4 and 5 **Title: Geologic Cross Section A-A' and B-B'**

☐ **Groundwater Isoconcentration Map:** For sites closing with residual groundwater contamination, this map shows the horizontal extent of all groundwater contamination exceeding a ch. NR140 Preventive Action Limit (PAL) and an Enforcement Standard (ES). Indicate the direction and date of groundwater flow, based on the most recent sampling data.
Note: *This is intended to show the total area of contaminated groundwater.*

Figure #: **Title:**

☒ **Groundwater Flow Direction Map:** A map that represents groundwater movement at the site. If the flow direction varies by more then 20° over the history of the site, submit 2 groundwater flow maps showing the maximum variation in flow direction.

Figure #: 6 **Title: Groundwater Contour Map**

Figure #: **Title:**

TABLES (meeting the requirements of s. NR 716.15(2)(h)(3))

Tables must be no larger than 11 x 17 inches unless the table is submitted electronically. Tables must not contain shading and/or cross-hatching. The use of **BOLD** or *ITALICS* is acceptable.

☒ **Soil Analytical Table:** A table showing remaining soil contamination with analytical results and collection dates.
Note: This is one table of results for the contaminants of concern. Contaminants of concern are those that were found during the site investigation, that remain after remediation. It may be necessary to create a new table to meet this requirement.

Table #: 1-1 **Title: Soil Sampling Results Summary**

☒ **Groundwater Analytical Table:** Table(s) that show the most recent analytical results and collection dates, for all monitoring wells and any potable wells for which samples have been collected.

Table #: 2-1 **Title: Groundwater Sampling Results Summary**

☐ **Water Level Elevations:** Table(s) that show the previous four (at minimum) water level elevation measurements/dates from all monitoring wells. If present, free product is to be noted on the table.

Table #: **Title:**

IMPROPERLY ABANDONED MONITORING WELLS

For each monitoring well not properly abandoned according to requirements of s. NR 141.25 include the following documents.
Note: *If the site is being listed on the GIS Registry for only an improperly abandoned monitoring well you will only need to submit the documents in this section for the GIS Registry Packet.*

☒ **Not Applicable**

☐ **Site Location Map:** A map showing all surveyed monitoring wells with specific identification of the monitoring wells which have not been properly abandoned.
Note: *If the applicable monitoring wells are distinctly identified on the Detailed Site Map this Site Location Map is not needed.*

Figure #: **Title:**

☐ **Well Construction Report:** Form 4440-113A for the applicable monitoring wells.

☐ **Deed:** The most recent deed as well as legal descriptions for each property where a monitoring well was not properly abandoned.

☐ **Notification Letter:** Copy of the notification letter to the affected property owner(s).

BRRTS #: 02-72-554728 ACTIVITY NAME: Domtar Port Edwards Production Area

NOTIFICATIONS

Source Property

☒ **Not Applicable**

☐ **Letter To Current Source Property Owner:** If the source property is owned by someone other than the person who is applying for case closure, include a copy of the letter notifying the current owner of the source property that case closure has been requested.

☐ **Return Receipt/Signature Confirmation:** Written proof of date on which confirmation was received for notifying current source property owner.

Off-Source Property

Group the following information per individual property and label each group according to alphabetic listing on the "Impacted Off-Source Property" attachment.

☒ **Not Applicable**

☐ **Letter To "Off-Source" Property Owners:** Copies of all letters sent by the Responsible Party (RP) to owners of properties with groundwater exceeding an Enforcement Standard (ES), and to owners of properties that will be affected by a land use control under s. 292.12, Wis. Stats.
Note: *Letters sent to off-source properties regarding residual contamination must contain standard provisions in Appendix A of ch. NR 726.*

Number of "Off-Source" Letters:

☐ **Return Receipt/Signature Confirmation:** Written proof of date on which confirmation was received for notifying any off-source property owner.

☐ **Deed of "Off-Source" Property:** The most recent deed(s) as well as legal descriptions, for all affected deeded **off-source property(ies).** This does not apply to right-of-ways.
Note: *If a property has been purchased with a land contract and the purchaser has not yet received a deed, a copy of the land contract which includes the legal description shall be submitted instead of the most recent deed. If the property has been inherited, written documentation of the property transfer should be submitted along with the most recent deed.*

☐ **Letter To "Governmental Unit/Right-Of-Way" Owners:** Copies of all letters sent by the Responsible Party (RP) to a city, village, municipality, state agency or any other entity responsible for maintenance of a public street, highway, or railroad right-of-way, within or partially within the contaminated area, for contamination exceeding a groundwater Enforcement Standard (ES) and/or soil exceeding a Residual Contaminant Level (RCL) or a Site Specific Residual Contaminant Level (SSRCL).

Number of "Governmental Unit/Right-Of-Way Owner" Letters:

State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

Scott Walker, Governor
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- changing the use or occupancy of the property to a residential exposure setting, which may include certain uses, such as single or multiple family residences, a school, day care, senior center, hospital, or similar residential exposure settings;

Closure Conditions

Compliance with the requirements of this letter is a responsibility to which you and any subsequent property owners must adhere. Department staff will conduct periodic prearranged inspections to ensure that the conditions included in this letter and the attached maintenance plans are met. If these requirements are not followed, the Department may take enforcement action under s. 292.11, Wisconsin Statutes, to ensure compliance with the specified requirements, limitations or other conditions related to the property.

Residual Groundwater Contamination (ch. NR 140, 812, Wis. Adm. Code)

Groundwater contamination greater than enforcement standards is present on this contaminated property. If anyone intends to construct a new well, or reconstruct an existing well, they will need prior Department approval.

Residual Soil Contamination (ch. NR 718, chs. 500 to 536, Wis. Adm. Code, or ch. 289, Wis. Stats.)

Soil contamination remains at this site. If soil is excavated in the future, the property owner 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 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. In addition, all current and future owners and occupants of the property need to be aware that excavation of the contaminated soil may pose an inhalation or other direct contact hazard and as a result special precautions may need to be taken to prevent a direct contact health threat to humans.

Cover or Barrier (s. 292.12 (2) (a), Wis. Stats.)

The pavement and buildings that exists in the specific location shown on the attached map shall be maintained in compliance with the attached maintenance plan in order to minimize the infiltration of water and prevent additional groundwater contamination that would violate the groundwater quality standards in ch. NR 140, Wis. Adm. Code, and to prevent direct contact with residual soil contamination that might otherwise pose a threat to human health.

A cover or barrier for industrial land uses, or certain types of commercial land uses may not be protective if use of the property were to change such that a residential exposure would apply. This may include, but is not limited to single or multiple family residences, a school, day care, senior center, hospital or similar settings. Before using the property for such purposes, you must notify the Department to determine if additional response actions are warranted.

A request may be made to modify or replace a cover or barrier. The replacement or modified cover or barrier must be protective of the revised use of the property, and must be approved in writing by the Department prior to implementation.

The attached maintenance plan and inspection log are to be kept up-to-date and on-site. Submit the inspection log to the Department only upon request.

Industrial Soil Standards (s. NR 726.05 (8) (b) 1., Wis. Adm. Code)

Soil contamination remains at this site. Samples contained arsenic and chromium in concentrations which exceeded non-industrial (residential) soil standards.

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 Department. An investigation and remedial action to meet applicable soil cleanup standards may be required at that time.

Dewatering Permits

The Department's Watershed Management Program regulates point source discharges of contaminated water, including discharges to surface waters, storm sewers, pits or to the ground surface. This includes discharges from construction related dewatering activities, including utility and building construction.

Based on the concentrations of contaminants remaining in groundwater at this location, it appears likely that dewatering activities would require a permit from the Department's Watershed Management Program. If you or any other person plan to conduct such activities, you or that person must contact that program, and if necessary, apply for the necessary discharge permit. Additional information regarding discharge permits is available at http://www.dnr.state.wi.us/org/water/wm/ww/.

The following Department fact sheet, "Continuing Obligations for Environmental Protection", RR-819, was included with this letter, to help explain a property owner's responsibility for continuing obligations on their property. If the fact sheet is lost, you may obtain a copy at http://dnr.wi.gov/org/aw/rr/archives/pubs/RR819.pdf.

Please send written notifications in accordance with the above requirements to the Wisconsin Department of Natural Resources West Central Region office, to the attention of the Remediation and Redevelopment Program Assistant.

Please be aware that the case may be reopened pursuant to s. NR 726.09, Wis. Adm. Code, 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.

Upon issuance of a Certificate of Completion (COC) under the Voluntary Party Liability Exemption (VPLE) Program, the voluntary party and any "successors or assigns" are exempt from provisions of the Hazardous Substance Spills Law (s. 292.11, Wis. Stats.), as this law relates to past releases of hazardous substances, and cannot be held responsible for further environmental investigation and cleanup of these past releases contingent upon compliance with the conditions of case closure and the exemption.

The Department appreciates your efforts to restore the environment at this site. If you have any questions regarding this closure decision or anything outlined in this letter, please contact Tom Hvizdak at (715) 421-7850.

Sincerely,

William Evans

William Evans, Team Supervisor
West Central Region Remediation & Redevelopment Program

Attachments: Engineering Control Maintenance Plan
Figure 1 - Paving Maintenance Area
Continuing Obligations for Environmental Protection (Department Publication RR-819)

c: Dave Ulrich, Domtar A.W., LLC, 301 Point Basse Ave., Nekoosa, WI 54457-1422
Loren Brumberg, Tom Hvizdak – DNR WCR
James Hutchens, Environ, 175 N. Corporate Dr., Suite 160, Brookfield, WI 53045

ENGINEERING CONTROL MAINTENANCE PLAN
SITE PAVING
BRRTS #02-72-554728
January 2012

1.0 Introduction

The property is located in Wood County, Wisconsin. The street address of the site is 100 Wisconsin River Drive in Port Edwards, Wisconsin. The site is bordered to the south and east by the Wisconsin River in Port Edwards, about 0.25 miles south of Highways 54 and 73.

This document is the Maintenance Plan for an impervious cover over the process area located along the Wisconsin River at the property described above in accordance with the requirements of s. NR 724.13(2), Wisconsin Administrative Code. The maintenance activities relating to the existing buildings and concrete and asphalt pavement areas occupying the process area are shown on Figure 1.

Soils in the area consist of sand with gravel and fill material over fine to coarse sand. The sample with the elevated PID reading (L1-012) was at a depth of 12 to 14 feet and was stained with a petroleum type odor with glass and other debris. The soils above this sample did not exhibit any odors or discoloration. Depth-to-water ranged from 8 to 14 feet. Analytical results of the soil and groundwater samples are summarized below.

- All process area samples detected arsenic concentrations. However, all samples with the exception of L1-001 were within the typical background concentrations observed in Wisconsin (5 to 10 mg/kg). L1-001 had a concentration of 41.2 ppm along with elevated levels of chromium and lead (217 ppm and 113 ppm, respectively). This boring was advanced southeast of the maintenance shop and may indicate fill material used in that area as the source of the contamination. Elevated chromium levels were also identified in L1-002 (71.8 ppm), L1-003 (35.3 ppm), and L5-001 (14.1 ppm). These elevated chromium levels could be the result of fill materials in these locations as well. The only other soil detections above standards were for benzo(a)pyrene in L1-004 (0.457 ppm), L1-005 (0.486 ppm), L1-010 (0.817 ppm), and L1-014 (0.508 ppm). No other metals, VOCs, or PAHs were detected above soil standards in the process area borings.
- Concentrations above NR 140 groundwater enforcement standard (ES) or preventive action limit (PAL) included the following: L5-001 had a detection of chrysene at 0.27 ppb, which is marginally above the ES of 0.2 ppb. L1-009, located near the acid plant, had a detection of methylene chloride (a common laboratory contaminant) at 0.94 ppb, which is below the NR 140 ES of 5 ppb. The sulfate level in L1-013 (672 ppm) was above the NR 140 ES (250 ppm) for public welfare.
- No soil or groundwater samples were collected beneath any of the buildings in the process area.

More site-specific information about this property may be found in:

- the case file in the WDNR West Central regional office;
- BRRTS on the Web (WDNR's internet based data base of contaminated sites): http://dnr.wi.gov/botw/SetUpBasicSearchForm.do;
- GIS Registry PDF file for further information on the nature and extent of contamination: http://dnrmaps.wisconsin.gov/imf/imf.jsp?site=brrts2; and
- the WDNR Remediation & Redevelopment Program Project Manager for Wood County.

The entire area is covered with concrete and asphalt paving, or the existing mill building. This Engineering Control Maintenance Plan identifies pavement maintenance activities and the associated schedule to ensure that the pavement remains intact to limit volatilization of organics and direct contact and thus protect the potential receptor populations. Section 2 identifies the activities and schedule requirements of this maintenance plan. A figure depicting the extent of impact relative to other site features is contained as Figure 1.

2.0 Maintenance Requirements

This Engineering Control Maintenance Plan has been developed to ensure that the barrier to the underlying soil by the presence of the buildings and the concrete/asphalt paving in the process area will be properly maintained. Requirements will be met by both current and future property owners. The following procedures will be followed to ensure that the potential for exposure to residual contamination is minimized.

Inspections

The floors on the lowest level of the buildings and the concrete/asphalt exterior areas of the process area as shown in Figure 1 will be inspected on an annual basis. The inspection will include evaluating the surface for cracks or deterioration that can cause additional infiltration into/or exposure to underlying soils. The inspections will be performed by the property owner or their designated representative. The inspections will be performed to evaluate damage due to settling, exposure to the weather, wear from traffic, increasing age, and other factors. Any area where soils have become or are likely to become exposed (and where infiltration from the surface will not be effectively minimized) will be documented. A log of the inspections and any repairs will be maintained by the property owner. The log will include recommendations for necessary repair of any areas where underlying soils are exposed and where infiltration from the surface will not be effectively minimized. Once repairs are completed, they will be documented in the inspection log. A copy of the inspection log will be kept at the address of the property owner and available for submittal or inspection by the Wisconsin Department of Natural Resources (WDNR).

Maintenance Activities

If problems are noted during the annual inspections or at any other time during the year, repairs will be scheduled as soon as practical. Repairs can include patching and filling or larger resurfacing or construction operations. In the event that necessary maintenance activities expose the underlying soil, the owner must inform maintenance workers of the direct contact exposure hazard and provide them with appropriate personal protection equipment (PPE).

The owner must also sample any soil that is excavated from the site prior to disposal to ascertain if contamination remains. The soil must be treated, stored, and disposed of by the owner in accordance with applicable local, state, and federal laws. In the event the concrete/asphalt pavement or building structure in the process area are removed or replaced, the replacement barrier must be equally impervious. Any replacement barrier will be subject to the same maintenance and inspection guidelines as outlined in this Maintenance Plan unless indicated otherwise by the WDNR or its successor.

The property owner, in order to maintain the integrity of the concrete and building structure, will maintain a copy of this Maintenance Plan on-site and make it available to all interested parties for viewing.

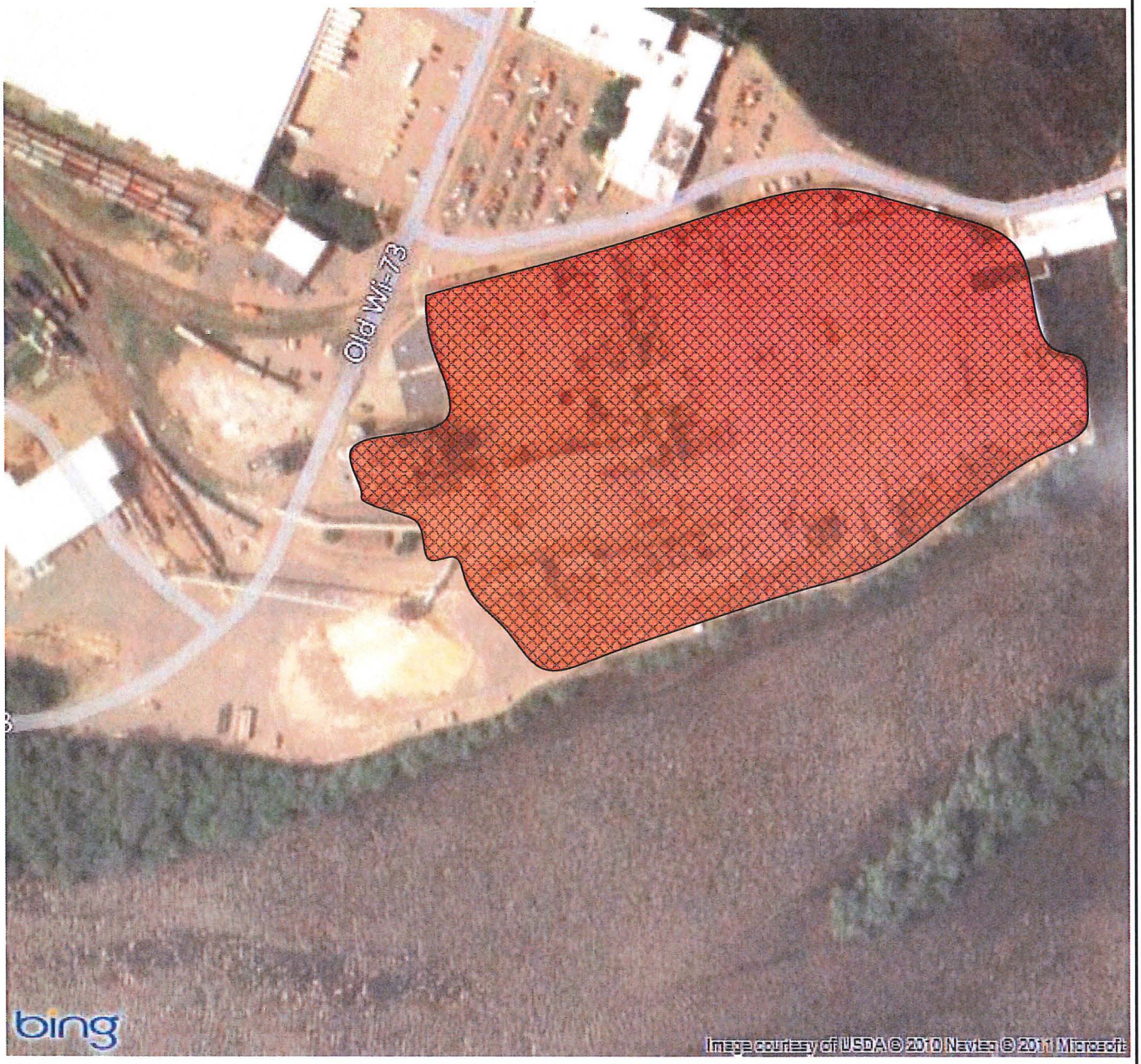
Prohibition of Activities and Notification of WDNR Prior to Actions Affecting the Cover
The following activities require WDNR approval prior to commencement.

1. removal or replacement of the existing barrier;
2. excavating or grading of the land surface;
3. filling on capped or paved areas; and
4. construction or placement of a building or other structure.

Amendment or Withdrawal of Maintenance Plan
This Maintenance Plan can be amended or withdrawn by the property owner and its successors with the written approval of the WDNR.

Contact Information

Site Owner and Operator:	Stewart Marcoux Domtar AW, LLC 395 de Maisonneuve Blvd Montreal, Quebec, Canada H3A1LC 514-848-5555
Consultant:	Jim Hutchens ENVIRON International Corporation 175 N. Corporate Drive, Suite 160 Brookfield, WI 53045 262-901-0095
Agency:	Tom Hvizdak Wisconsin Department of Natural Resources 473 Griffith Avenue Wisconsin Rapids, WI 54494 715-421-7850



Area requiring inspection and maintenance of Paved areas

PROJECT: Domtar Port Edwards	
SHEET TITLE: Paving Maintenance Area - Production	
DATE: 07/21/11	FIGURE No.: 1
PROJECT NO.: 21-52953A	

ENVIRON
www.environcorp.com

175 N. Corporate Drive, Suite 160
Brookfield, WI 53045
PHONE: (262) 901-0099
FAX: (262) 901-0079

Continuing Obligations for Environmental Protection

Responsibilities of Wisconsin Property Owners

PUB-RR-819 June 2009

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.

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 residual contamination to remain after cleanup of soil or groundwater 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.)

Wisconsin Department of Natural Resources
P.O. Box 7921, Madison, WI 53707
dnr.wi.gov/org/aw/rr/

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.

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 "cap" 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:

1. comply with these property-specific requirements; and
2. 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 DNR modify or remove a continuing obligation. A fee is required for DNR's review of this request ($500 or $750, depending on the nature of the request). Fees are subject to change; current fees are found in Chapter NR 749, Wis. Admin. Code, on the web at www.legis.state.wi.us/rsb/code/nr/nr749.pdf.

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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.

Properties with continuing obligations can generally be located in DNR's *GIS Registry*, part of the *RR Sites Map*. 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.

> *BRRTS on the Web* and *RR Sites Map* are part of **CLEAN** (the **Contaminated Lands Environmental Action Network**) at dnr.wi.gov/org/aw/rr/clean.htm.

However, some older cleanups may not be listed in the *GIS Registry*, so please consult DNR's comprehensive database of contaminated and cleaned up sites, *BRRTS on the Web*. This database shows all contamination activities known to DNR.

If a completed cleanup is shown in *BRRTS on the Web* but the site documents can not be found in the *GIS Registry*, 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/org/aw/rr/technical/lists/contact_rr.htm).

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. Wisconsin law, s. 292.13, Wis. Stats., 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 off-site 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 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 $500 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/org/aw/rr/liability/index.htm.

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 off-site 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 can not enforce it.

2. If a cleanup proposal that includes off-site continuing obligations is approved, 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 web site at dnr.wi.gov/org/aw/rr/cleanup/obligations.htm.

Additional Information

For more information about DNR's Remediation and Redevelopment Program, see our web site at **dnr.wi.gov/org/aw/rr/**. This document contains information about certain state statutes and administrative rules but does not include all of the details found in the statutes and rules. Readers should consult the actual language of the statutes and rules to answer specific questions.

The Wisconsin Department of Natural Resources provides equal opportunity in its employment, programs, services, and functions under an Affirmative Action Plan. If you have any questions, please write to Equal Opportunity Office, Department of Interior, Washington, D.C. 20240. This publication is available in alternative format upon request. Please call 608-267-3543 for more information.

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State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

Scott Walker, Governor
Cathy Stepp, Secretary
Scott Humrickhouse, Regional Director

Wisconsin Rapids Service Center
473 Griffith Avenue
Wisconsin Rapids, Wisconsin 54494
Telephone 715-421-7800
FAX 715-421-7830

March 24, 2011

BRRTS #02-72-554728
BRRTS#:06-72-553631

Mr. Stuart Marcoux
Domtar A.W., LLC
395 de Maisonneuve Blvd. West
Montreal, Quebec H3A 1L6

Subject: Conditional Closure Decision with Requirements to Achieve Final Closure, Former Domtar Port Edwards Production Mill Area, Port Edwards, Wisconsin

Dear Mr. Marcoux:

On March 18, 2011, the Wisconsin Department of Natural Resources (DNR) Westcentral Region Closure Committee reviewed your request for closure of the case described above. The Westcentral Region Closure Committee reviews environmental remediation cases for compliance with state rules and statutes to maintain consistency in the closure of these cases. After careful review of the closure request, the Westcentral Region Closure Committee has determined that the contamination from various spills and releases that have historically occurred throughout the Domtar Port Edwards Production Mill area appears to have been investigated and remediated to the extent practicable under current site conditions. Your case has been remediated to Department standards in accordance with s. NR 726.05, Wis. Adm. Code and will be closed if the following conditions are satisfied:

- Any remaining purge water, waste and/or soil piles generated as part of site investigation or remediation activities must be removed from the site and disposed of or treated in accordance with Department of Natural Resources' rules. Once that work is completed, please send appropriate documentation regarding the treatment or disposal of the remaining purge water, waste and/or soil piles.
- Submittal of a soil and groundwater GIS packet for this site. Instructions and forms regarding GIS packets are found at: http://dnr.wi.gov/org/aw/rr/archives/pubs/4400-245.pdf.
- The main production area buildings (excluding the Chip Plant), the paved areas between these buildings, and the paved area between these buildings and the Wisconsin River must be maintained as a cap/barrier to prevent infiltration and direct contact of the underlying soil. As part of this requirement you must conduct a certified survey of the cap area and submit a draft maintenance plan for the cap area for review and approval by DNR prior to final closure of the site. Instructions and forms regarding cap maintenance plans are found at: http://dnr.wi.gov/org/aw/rr/archives/pubs/RR606.pdf.

When the above conditions have been satisfied, please submit the appropriate documentation (for example, disposal receipts, copies of correspondence, etc.) to verify that applicable conditions have been met, and your case will be closed. Your site will be listed on the DNR's Remediation and Redevelopment GIS Registry. Information that was submitted with your GIS packet will be included

on the GIS Registry. To review the site on the GIS Registry web page, visit the RR Sites Map page at: http://dnr.wi.gov/org/aw/rr/gis/index.htm.

Also, as part of the approval of the closure of this case, you will be responsible for maintaining industrial zoning and maintenance of the impervious cap as continuing obligations of the property. In the final closure approval, you will also be required to conduct annual inspections. Documentation of the annual inspections will be required to be kept on site.

Please be aware that the case may be reopened pursuant to s. NR 726.09, Wis. Adm. Code, 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.

We appreciate your efforts to restore the environment at this site. If you have any questions regarding this letter, please contact me at (715) 421-7850.

Sincerely,

T-Hvizdak

Tom Hvizdak
Hydrogeologist
Remediation & Redevelopment Program

c: Dave Ulrich, Domtar A.W., LLC, 301 Point Basse Ave., Nekoosa, WI 54457-1422
Loren Brumberg, Bill Evans – DNR WCR
James Hutchens, Environ, 175 N. Corporate Dr., Suite 160, Brookfield, WI 53045

STATEMENT OF AFFECTED PROPERTY LEGAL DESCRIPTION

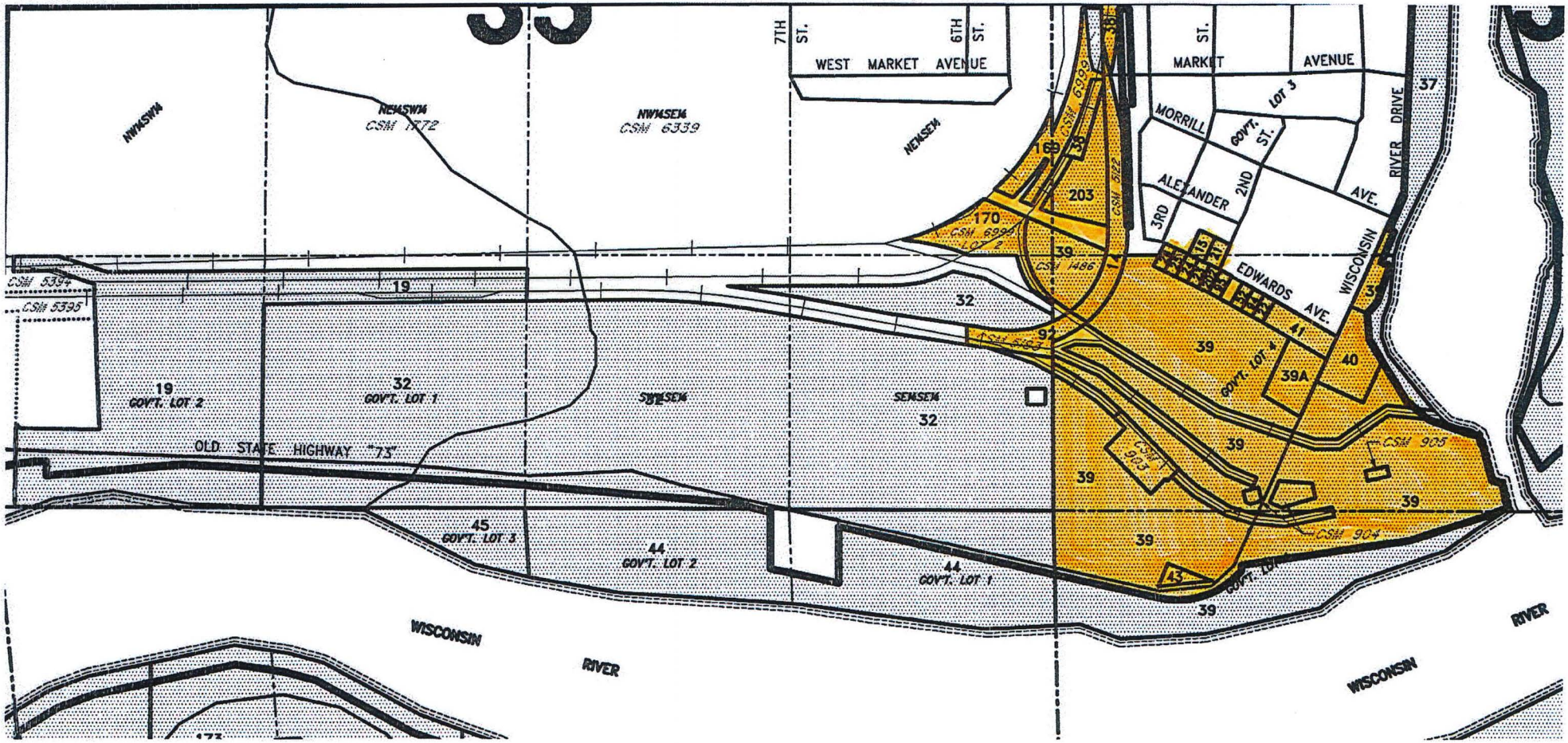
As required by s NR726.05(3)g, Wisconsin Administrative Code, Domtar AW LLC is providing this signed statement that the legal description included in this Wisconsin Department of Natural Resources Geographic Information System registry packet is accurate to the best of my knowledge.

David S. Ulrich
(Signature)

David S. Ulrich
(Name)

Superintendent, Environmental Services
(Title)

10/21/11
(Date)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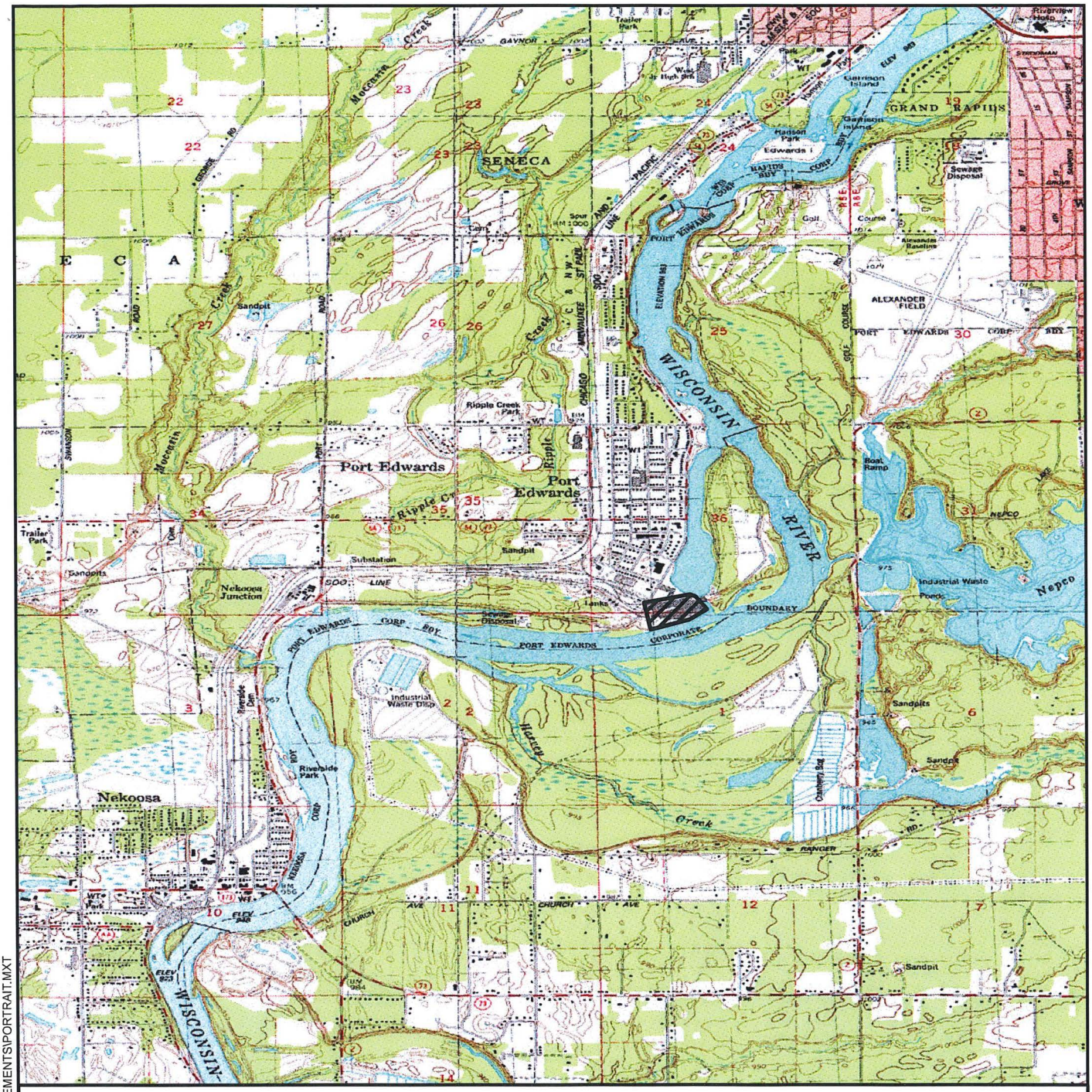
CSM 6929
CSM 6922
CSM 5394
CSM 5395
19
19
GOV'T. LOT 2
32
GOV'T. LOT 1
SW¼SE¼
SE¼SE¼
32
32
92
CSM 6923
170
CSM 6999
LOT 2
39
CSM 1486
203
16
38
37
41
39A
40
GOV'T. LOT 4
39
39
39
39
39
39
CSM 903
CSM 905
CSM 904
43
GOV'T. LOT
OLD STATE HIGHWAY "73"
45
GOV'T. LOT 3
44
GOV'T. LOT 2
44
GOV'T. LOT 1
WISCONSIN
RIVER
WISCONSIN
RIVER



Legend

Approximate Site Location

0 4,000 8,000

Feet

1 inch = 4,000 feet

ENVIRON

DRAFTED BY: NWEBER | DATE: 1/25/2011

SITE LOCATION MAP
DOMTAR - PORT EDWARDS
PORT EDWARDS, WISCONSIN

Figure 1

PROJECT: 01-WUNA

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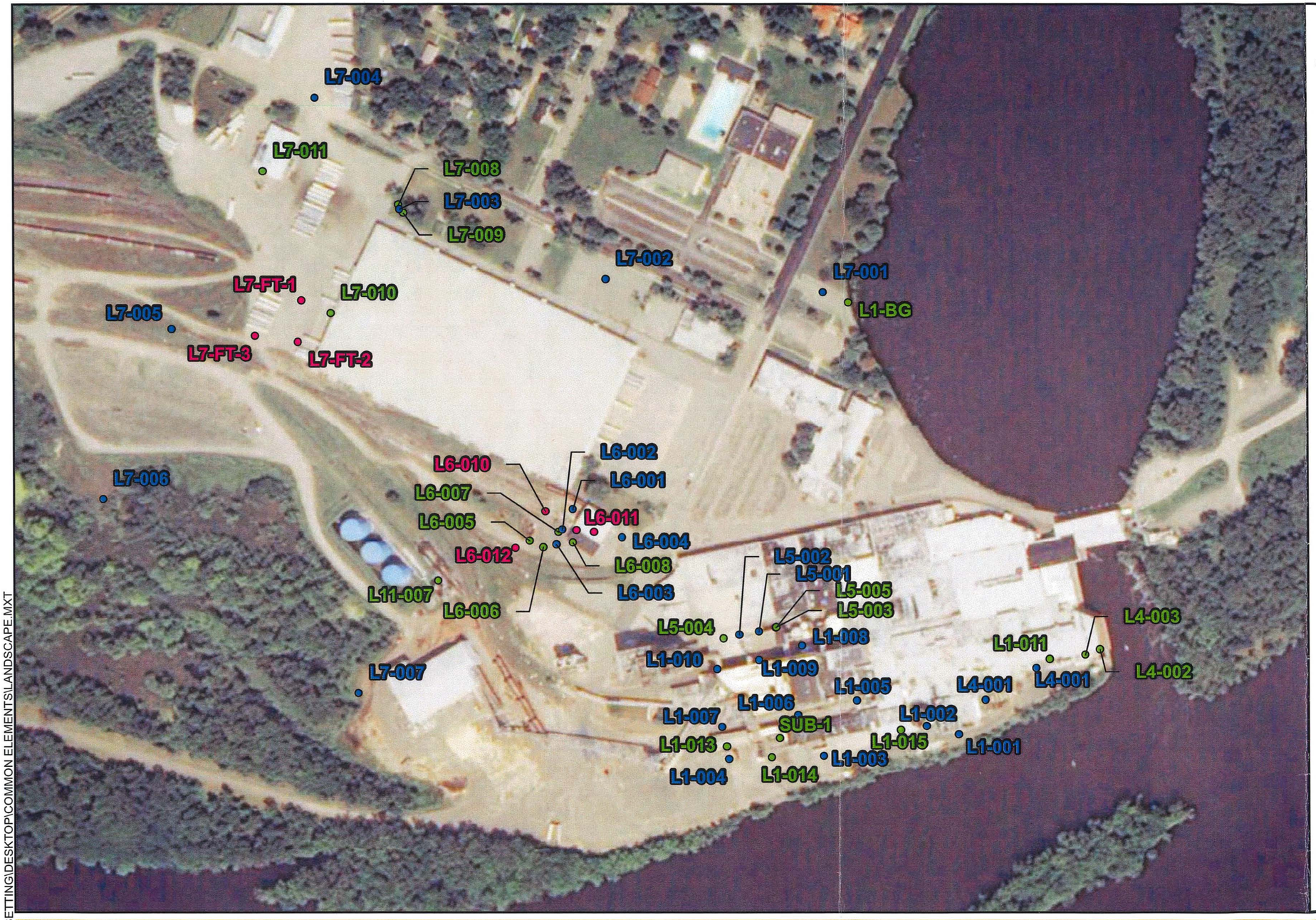

Legend

Port Edwards Sample Locations

- Investigation Locations (Jan. 2009)
- Investigation Locations (Sep. 2009)
- Investigation Locations (Mar. 2010)

Notes

1. Aerial photography obtained from 2008 NAIP Wisconsin - 1 Meter.

Locaton	Descripton
1	Process Areas
4	Chemical Delivery Area
5	Rail Chemical Delivery Area
6	Roundhouse
7	Property Perimeter and Former Tank Areas
11	No. 6 Fuel Area

0 340 680 Feet

1 inch = 267 feet

C:\DOCUMENTS AND SETTING\DESKTOP\COMMON ELEMENTS\LANDSCAPE.MXT

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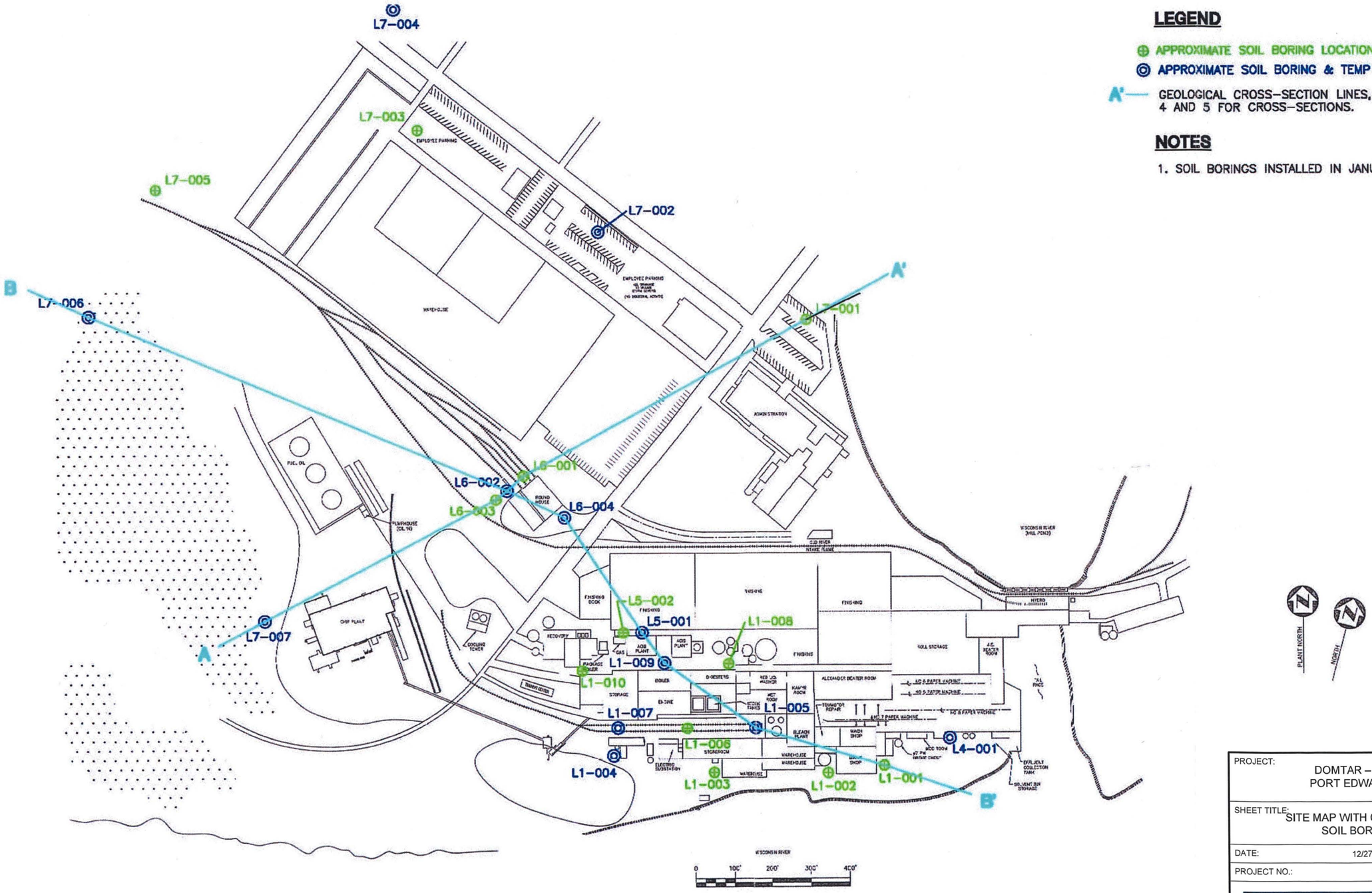
DRAFTED BY: NWEBER | DATE: 10/11/2010

SAMPLE LOCATION MAP
DOMTAR - PORT EDWARDS
PORT EDWARDS, WISCONSIN

Figure 2

PROJECT: 01-WUNA



LEGEND

⊕ APPROXIMATE SOIL BORING LOCATION

◎ APPROXIMATE SOIL BORING & TEMP WELL LOCATION

A'— GEOLOGICAL CROSS-SECTION LINES, SEE FIGURES 4 AND 5 FOR CROSS-SECTIONS.

NOTES

1. SOIL BORINGS INSTALLED IN JANUARY 2009

PROJECT:	DOMTAR – PORT EDWARDS PORT EDWARDS, WISCONSIN
SHEET TITLE:	SITE MAP WITH CROSS-SECTIONS AND SOIL BORING LOCATIONS
DATE: 12/27/10	FIGURE No.: Figure 3
PROJECT NO.: PE	

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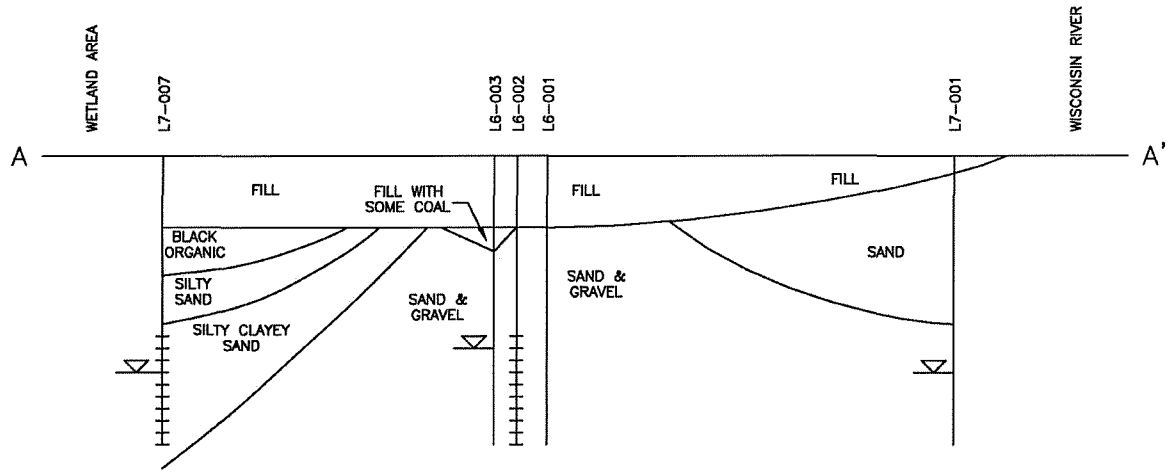
175 N. Corporate Drive, Suite 160
Brookfield, WI 53045
PHONE: (414) 456-1210
FAX: (414) 456-1220



LEGEND:

OBSERVED WATER TABLE

NOTES:

1. NO SURVEY PERFORMED.
2. SITE LOCATIONS ARE APPROXIMATE.
3. SITE IS RELATIVELY FLAT, ELEVATIONS NOT MEASURED.

VERTICAL SCALE: 1"=5'

HORIZONTIAL SCALE: 1"=250'

PROJECT:	DOMTAR – PORT EDWARDS PORT EDWARDS, WISCONSIN
SHEET TITLE:	GEOLOGIC CROSS-SECTION A-A'
DATE: 12/27/10	FIGURE No.: Figure 4
PROJECT NO.: PE	

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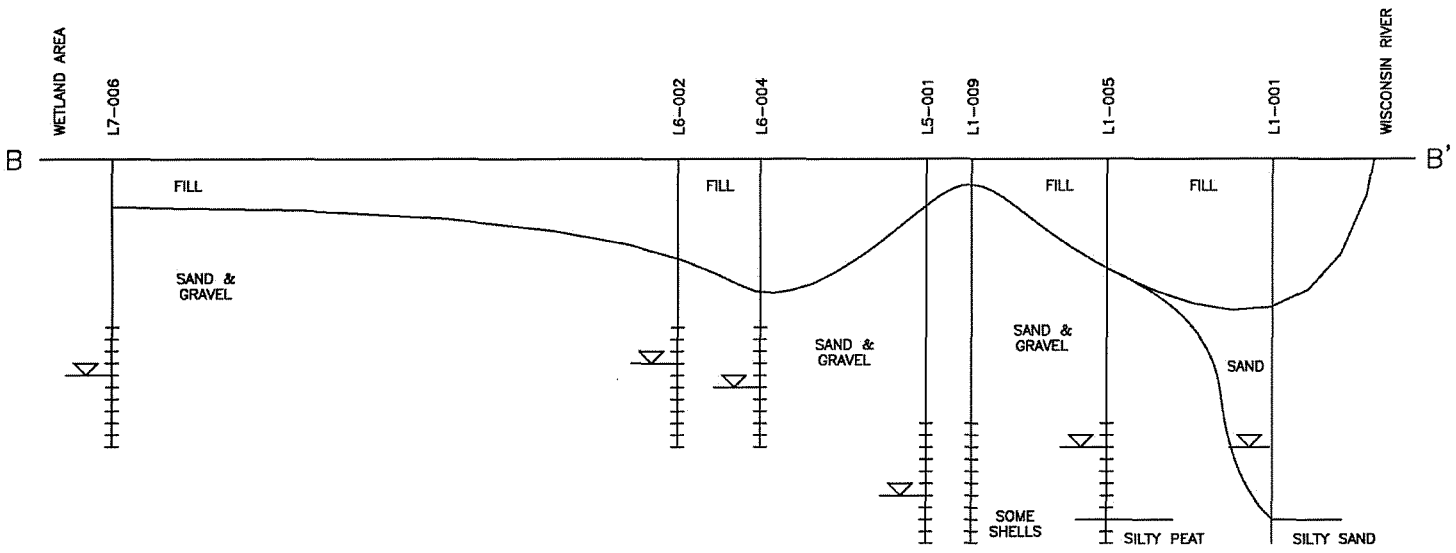


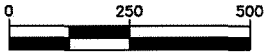
LEGEND:

▽ OBSERVED WATER TABLE

NOTES:

1. NO SURVEY PERFORMED.
2. SITE LOCATIONS ARE APPROXIMATE.
3. SITE IS RELATIVELY FLAT, ELEVATIONS NOT MEASURED.

VERTICAL SCALE: 1"=5'



HORIZONTIAL SCALE: 1"=250'

PROJECT:	DOMTAR – PORT EDWARDS PORT EDWARDS, WISCONSIN
SHEET TITLE:	GEOLOGIC CROSS-SECTION B-B'
DATE: 12/27/10	FIGURE No.: Figure 5
PROJECT NO.: PE	

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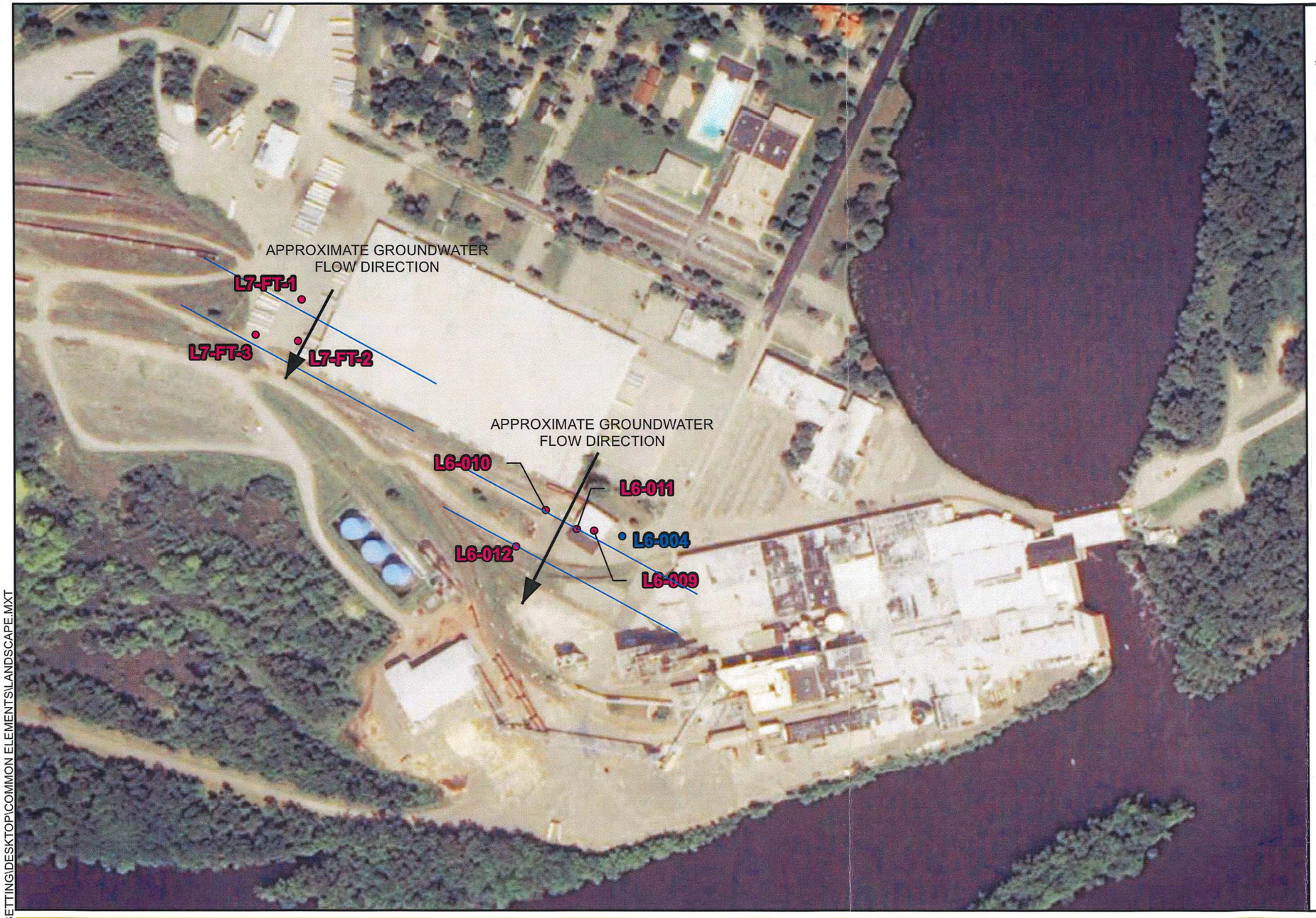

Legend

Port Edwards Sample Locations

- Investigation Locations (Jan. 2009)
- Investigation Locations (Sep. 2009)
- Investigation Locations (Mar. 2010)

Notes

1. Aerial photography obtained from 2008 NAIP Wisconsin - 1 Meter.
2. Groundwater elevations are not tied to a singular benchmark.

Locaton	Descripton
1	Process Areas
4	Chemical Delivery Area
5	Rail Chemical Delivery Area
6	Roundhouse
7	Property Perimeter and Former Tank Areas
11	No. 6 Fuel Area

0 340 680 Feet

1 inch = 267 feet

C:\DOCUMENTS AND SETTINGS\DESKTOP\COMMON ELEMENTS\LANDSCAPE.MXT

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DRAFTED BY: NWEBER | DATE: 10/8/2010

GROUNDWATER CONTOUR MAP
PORT EDWARDS, WISCONSIN

Figure 6

PROJECT: 01-WUNA

DRAFTED BY: NWEBER

Table 1-1
Soil Sampling Results Summary - Site Investigation
Domtar Industries, Inc. - Port Edwards, Wisconsin
Location 1 - Process Area

	WDNR RCL	L1-001	L1-004	L1-005	L1-011	L1-014
		(6-8')	(8-10')	(10-12')	(0-4')	(0-2')
PID Readings		0.0	0.0	0.0	2.0	0.9
Sample Date		Jan-09	Jan-09	Jan-09	Sep-09	Sep-09
Total RCRA Metals (mg/kg)						
Arsenic	**1.6**	**41.2**	**1.5 J**	**2.3 J**	<5.27	<4.97
Barium		75.8	36.3	33.3	57.3	24.5
Chromium	**200**	**217**	6.71	12.4 **B**	8.33	<7.45
Copper		NS	NS	NS	10.3	7
Lead	**500**	113	6.97	37.3	33.6	3.2 J
Mercury		0.658	0.0444	0.0789	0.0518	0.014 J
Selenium		<5.49	<5.16	<2.69	<5.27	<4.97
Silver		<5.49	<5.16	<2.69	<5.27	<4.97
PAH's (ug/kg)						
Acenaphthene	**60000000**	<27.6	186.0	929.0	69.8	3J
Acenaphthylene	**360000**	<138	<128	<124	124	8J
Anthracene	**300000000**	<27.6	368.0	847.0	386	47.2
Benz(a)anthracene	**3900**	35.8	516.0	857.0	1020	494
Benzo(a)pyrene	**390**	49.6	**457.0**	**486.0**	**817**	**508**
Benzo(b)fluoranthene	**3900**	38.6	355.0	507.0	927	728
Benzo(g,h,i)perylene	**39000**	55.1	378.0	358.0	558	424
Benzo(k)fluoranthene	**39000**	<27.6	217.0	287.0	329	239
Chrysene	**390000**	55.1	513.0	844.0	931	538
Dibenz(a,h)anthracene	**390**	<27.6	71.5	69.0	117	87J
Fluoranthene	**40000000**	102.0	1400.0	3190.0	2140	663
Fluorene	**40000000**	<27.6	125.0	879.0	86	8J
Indeno(1,2,3-cd)pyrene	**3900**	44.1	337.0	350.0	546	446
Naphthalene	**110000**	<27.6	33.2	154.0	16JB	2J
Phenanthrene	**390000**	88.2	1370.0	3530.0	1140JB	171
Pyrene	**30000000**	90.9	1250.0	2600.0	1950	690
Total VOCs (ug/kg)						
Bromomethane		<200	<200	<510	<333	<445
Chloroform		<251	<237	130 J	<167	<222
Chloromethane		<502	<475	<510	<333	<445
Ethylbenzene	**2,900**	21 J	<237	<255	<167	<222
m,p-Xylene		230 J	210 J	230 J	<333	<445
o-xylene		94J	81J	83J	<167	<222
Tetrachloroethene		32 J	43 J	<60	14 J	31 JB
trans-1,2-Dichloroethene		24 J	<237	<255	<167	<222
Xylenes, total	**4,100.00**	330 J	290 J	310 J	<500	<667

Notes:
Total RCRA Metals analyzed using EPA Method 6020, except for mercury (EPA Method 7471)
mg/kg = milligrams per kilogram (ppm)
ug/kg = micrograms per kilowgram (ppb)
VOCs = volatile organic compounds analyzed using EPA Method 8260B
PAH = polynuclear aromatic hydrocarbons analyzed using EPA method 8310
Hydrocarbons (PAHs) Interim Guidance (RR 519)
Samples analyzed by Environmental Monitoring and Technologies, Inc. (WDNR Certification #999888890)
Exceedances of RCL are highlited and bolded
Only compounds with at least one detection are listed
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank

Table 2-1
Groundwater Sampling Results Summary - Site Investigation
Domtar Industries, Inc.
Port Edwards, Wisconsin

	NR 140 Standard		Location 1 - Process Area									Location 4 - Chemical Delivery Area		Location 5 - Rail Chemical Delivery Area		
	ES	PAL	L1-004	L1-005	L1-007	L1-009	L1-011	L1-012	L1-013	L1-014	L1-BG	L4-001	L4-003	L5-001	L5-003	L5-004
Nitrates & Sulfates (mg/L)																
Nitrogen, Nitrate (As N)	**10**	2	NS	NS	NS	NS	0.91	3.25	0.12 J	0.257	0.26	NS	0.15 J	NS	0.28	0.21
Nitrogen, Nitrite	**1**	0.2	NS	NS	NS	NS	<0.5	0.48 J	<0.5	0.23 J	0.2 J	NS	<0.5	NS	<0.5	<0.5
Sulfate	**250**	125	NS	NS	NS	NS	13.4	76.1	**672**	64	25.3	NS	46.4	NS	72.2	44
RCRA Metals, dissolved (mg/l)																
Barium	**2**	0.4	0.19	0.059J	0,124	0.04J	0.034 J	0.0703	0.349	0.059 J	NS	0.041J	0.446	0.052J	NS	NS
Chromium	**0.1**	0.01	<0.063	<0.063	<0.063	<0.063	<0.063	<0.063	0.0074 J	<0.063	NS	<0.063	<0.063	<0.063	NS	NS
Selenium			<0.063	<0.063	<0.063	0.036J	<0.063	<0.063	<0.063	<0.063	NS	<0.063	<0.063	<0.063	NS	NS
Silver	**0.05**	0.01	<0.063	<0.063	<0.063	<0.063	<0.063	<0.063	<0.063	<0.063	NS	0.017J	<0.063	<0.063	NS	NS
PAH's (ug/l)																
Acenapthene			<0.25	1.45	1.33	<0.119	<0.2	<0.27	<0.22	<0.21	NS	<0.21	<0.22	<0.23	<0.27	<0.21
Anthracene	**3000**	600	<0.25	0.19J	0.56	<5.94	<0.2	<0.21	<0.22	<0.21	NS	<0.21	<0.22	<0.23	<0.22	<0.21
Benz(a)anthracene			<0.13	0.2	<0.13	<0.119	<0.13	0.242	<0.13	<0.13	NS	<0.13	<0.13	<0.13	<0.13	<0.13
Benzo(b)fluoranthene	**0.2**	0.02	<0.18	<0.18	<0.18	<0.119	<0.18	0.094 J	<0.18	<0.18	NS	<0.18	<0.18	<0.17	<0.18	<0.18
Chrysene	**0.2**	0.02	<0.25	<0.26	<0.24	<0.119	<0.2	0.19 J	<0.22	<0.21	NS	<0.21	<0.22	**0.27**	<0.22	<0.21
Fluoranthene	**400**	80	<0.25	0.51	0.93	<0.119	0.08J	1.94	<0.22	<0.21	NS	<0.21	0.08 J	<0.23	<0.22	<0.21
Fluorene	**400**	80	<0.25	0.66	1.3	<0.119	<0.2	<0.27	<0.22	<0.21	NS	<0.21	<0.22	<0.23	<0.22	<0.21
Naphthalene	**100**	10	<0.25	1.04	0.64	<0.119	<0.2	<0.21	<0.22	<0.21	NS	<0.21	<0.22	<0.23	<0.22	<0.21
Phenanthrene			<0.25	1.13	2.76	<0.119	0.13J	0.591	0.07 J	0.2 J	NS	<0.21	0.29	<0.23	0.14 J	0.12 J
Pyrene	**250**	50	0.11J	0.43	0.59	<0.119	<0.2	1.23	<0.22	<0.21	NS	<0.21	0.18 J	<0.23	<0.22	<0.21
VOCs (ug/l)																
Acetone	**1000**	200	8.3J	7J	6.9J	<40	<40	<40	<40	<40	NS	7.4J	<40	7.9J	<40	<40
Benzene			<2	<2	<2	0.22J	<2	<2	<2	<2	NS	<2	<2	<2	<2	<2
Bromomethane	**10**	1	<2	<2	<2	<2	<2	<2	<2	<2	NS	<2	<2	<2	<2	<2
Carbon Disulfide	**1000**	200	<2	1J	<2	<2	<2	<2	<2	<2	NS	<2	<2	<2	<2	<2
Chlorobenzene			<2	<2	<2	0.37J	<2	<2	<2	<2	NS	<2	<2	<2	<2	<2
Chloroform	**6**	0.6	<0.2	<0.2	<0.2	<0.2	<2	0.85 J	<2	<2	NS	<0.2	0.3 J	<0.2	<2	<2
Chloromethane	**3**	0.3	<2	<2	<2	<2	<2	<2	<2	<2	NS	<2	<2	<2	0.42 JB	0.43 JB
cis-1,2-Dichloroethene	**70**	7	<2	<2	<2	<2	<2	<2	<2	<2	NS	<2	<2	<2	<2	<2
Ethylbenzene	**700**	140	<2	<2	<2	0.27j	<2	<2	<2	<2	NS	<2	<2	<2	<2	<2
m,p-Xylene			<4	<4	<4	<4	<4	0.45 JB	<4	<4	NS	<4	0.37 JB	<4	<4	0.3 J
Methylene chloride	**5**	0.5	0.4J	0.32J	0.33J	0.94J	<2	<2	<2	<2	NS	0.33J	<2	0.33J	0.46 JB	<2
o-xylene			0.76J	0.72J	0.8J	0.87J	<2	<2	<2	<2	NS	0.77J	<2	0.79J	<2	<2
Tetrachloroethene	**5**	0.5	0.67J	0.47J	0.68J	1.1J	0.52 JB	0.71 JB	0.54 JB	0.68 JB	NS	0.55J	<2	0.58J	<2	0.75 J
Toluene	**1,000**	200	1.5J	0.26J	0.54J	0.54J	0.3 JB	0.48 JB	0.44 JB	0.45 JB	NS	0.25J	0.41 JB	0.26J	0.42 JB	0.3 JB
Trichloroehene	**5**	0.5	<2	<2	<2	<2	<2	<2	<2	<2	NS	<2	<2	<2	<2	<2
Xylene (Total)	**10,000**	1,000	0.76J	0.72J	0.87J	0.715	<6	<6	<6	<6	NS	0.77J	<6	0.79J	<6	<6

Notes:
VOCs = Volatile Organic Compounds analyzed using EPA Method 8260
ug/l = micrograms per liter (ppb)
mg/l = milligrams per liter (ppm)
NR 140 ES = Wisconsin Administrative Code Chapter NR 140 Enforcement Standard
NR 140 PAL = Wisconsin Administrative Code Chapter NR 140 Preventive Action Limit
Enforcement Standard Exceedances are bolded
J - result is reported between Method Detection Limit and Limit of Quantitation (LOQ) and are therefore less certain than results detected at or above the LOQ
B - Analyte detected in the method blank

Table 1-3
Soil Sampling Results Summary - Site Investigation
Domtar Industries, Inc. - Port Edwards, Wisconsin
Location 5 - Rail Chemical Delivery Area to the Acid Plant

	WDNR RCL	L5-001 (10-12')	L5-002 (12-14')	L5-003 (2-4')	L5-003 (10-12')	L5-004 (0-2')	L5-004 (10-12')
PID Readings		0.0	0.0	0.7	1.9	1.9	1.6
Date Sampled		Jan-09	Jan-09	Sep-09	Sep-09	Sep-09	Sep-09
Total RCRA Metals (mg/kg)							
Arsenic	1.6	0.97 J	0.93 J	<5.38	<4.79	<5.36	<4.74
Barium		28.7	20.6	114	15.4	69.6	22.6
Chromium	200	14.1	12.5	6.3 J	<7.19	6 J	10.8
Lead	500	2.5 J	5	40	6.17	53.4	1.1 J
Mercury		0.014 J	0.018 J	2.07	0.0375	0.164	0.017 J
PAH's (ug/kg)							
Acenaphthene	60000000	<25.3	<25.7	5.6 J	<4.08	<4.27	<4.1
Acenaphthylene	360000	<126	<129	34 J	<20.4	7.7 J	<20.5
Anthracene	300000000	<25.3	<25.7	32 J	<20.4	5 J	<20.5
Benz(a)anthracene	3900	<25.3	<25.7	111	<20.4	15 J	<20.5
Benzo(a)pyrene	390	<25.3	<25.7	83 J	<102	16 J	<102
Benzo(b)fluoranthene	3900	<25.3	<25.7	160 J	<40.8	22 J	<41
Benzo(g,h,i)perylene	39000	<25.3	<25.7	130 J	<8.16	14 J	<102
Benzo(k)fluoranthene	39000	<25.3	<25.7	43 J	<102	7.5 J	<20.8
Chrysene	390000	<25.3	<25.7	193	<40.8	15.4	<8.2
Dibenz(a,h)anthracene	390	<25.3	<25.7	24 J	<8.16	<107	<102
Fluoranthene	40000000	<25.3	38.60	252	<102	27 J	<41
Fluorene	40000000	<25.3	<25.7	7.8 J	<8.16	1.5 J	<8.2
Indeno(1,2,3-cd)pyrene	3900	<25.3	<25.7	95 J	<102	12 J	<102
Naphthalene	110000	<25.3	<25.7	16 J	<8.16	4.3 J	<8.2
Phenanthrene	390000	<25.3	54.00	152	0.61 JB	13.3	0.7 JB
Pyrene	30000000	<25.3	36.00	263	<20.4	22	<20.5
Total VOCs (ug/kg)							
Dibromochloromethane		<235	21 J	<238	<194	<224	<210
m,p-Xylene		210 J	250 J	<475	<387	39 J	<420
o-Xylene		81 J	95 J	<237	<194	24 J	<210
Tetrachloroethene		41 J	<60	41 JB	28 JB	28 JB	23 JB
Xylenes, total	4100	290 J	340 J	<713	<581	63 J	<630

Notes:

Total RCRA Metals analyzed using EPA Method 6020, except for mercury which was analyzed using EPA Method 7471
mg/kg = milligrams per kilogram (ppm)
ug/kg = micrograms per kilowgram (ppb)
VOCs = volatile organic compounds analyzed using EPA Method 8260B
PAH = polynuclear aromatic hydrocarbons analyzed using EPA method 8310
WDNR RCL - Soil cleanup standards (WDNR NR 720) or Soil Cleanup Levels for Polycyclic Aromatic Hydrocarbons (PAHs) Interim Guidance (RR 519)
Samples analyzed by Environmental Monitoring and Technologies, Inc. (WDNR Certification #999888890)
Exceedances of RCL are highlited and bolded
Only compounds with at least one detection are listed
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank

Table 1-4
Soil Sampling Results Summary - Site Investigation
Domtar Industries, Inc. - Port Edwards, Wisconsin
Transformer Substation Area

		SUB-1	SUB-2	SUB-3	SUB-4
		-	-	-	-
PID Readings		NR	NR	NR	NR
Percent Moisture (%)		2.74	7	1.03	2.55
PCBs (mg/kg)					
Aroclor 1016		<0.303	<0.321	<0.294	<0.303
Aroclor 1221		<0.303	<0.321	<0.294	<0.303
Aroclor 1232		<0.303	<0.321	<0.294	<0.303
Aroclor 1242		<0.303	<0.321	<0.294	<0.303
Aroclor 1248		<0.303	<0.321	<0.294	<0.303
Aroclor 1254		**0.200J**	<0.321	<0.294	**3.71**
Aroclor 1260		<0.303	<0.321	<0.294	<0.303

Notes:
mg/kg = milligrams per kilowgram (ppm)
Samples analyzed by Environmental Monitoring and Technologies, Inc. (WDNR Certification #999888890)
Exceedances of RCL are highlited and bolded
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
Only compounds with at least one detection are listed

Table 1-1
Soil Sampling Results Summary - Site Investigation
Domtar Industries, Inc. - Port Edwards, Wisconsin
Location 1 - Process Area

	WDNR RCL	L1-001 (6-8')	L1-002 (8-10')	L1-003 (8-10')	L1-004 (8-10')	L1-005 (10-12')	L1-006 (8-10')	L1-007 (8-10')	L1-008 (10-12')	L1-009 (8-10')	L1-010 (8-10')	L1-011 (0-4')	L1-011 (4-8')	L1-012 (0-2')	L1-012 (12-14')	L1-013 (0-2')	L1-013 (6-8')	L1-014 (0-2')	L1-014 (6-8')	L1-015 (0-4')	L1-015 (6-8')
PID Readings		0.0	0.0	0.0	0.0	0.0	0.0	0.4	2.5	0.0	0.0	2.0	3.2	3.7	460	0.6	1.3	0.9	4.3	0.0	0.0
Sample Date		Jan-09	Jan-09	Jan-09	Jan-09	Jan-09	Jan-09	Jan-09	Jan-09	Jan-09	Jan-09	Sep-09	Sep-09	Sep-09	Sep-09	Sep-09	Sep-09	Sep-09	Sep-09	Sep-09	Sep-09
Total RCRA Metals (mg/kg)																					
Arsenic	**1.6**	**41.2**	**4.6 J**	**3 J**	**1.5 J**	**2.3 J**	0.92 **J**	1.5 J	**1.8 J**	0.71 **J**	0.96 **J**	<5.27	<5.25	<5.13	**2.9 J**	<5.26	<5.26	<4.97	<4.98	**2.8 J**	<6.05
Barium		75.8	83.3	57.9	36.3	33.3	46.5	36.8	12.4	17.7	18.2	57.3	57.2	36.6	41.1	52.6	44.1	24.5	23.2	66.6	83.3
Chromium	**200**	**217**	71.8	35.3	6.71	12.4 **B**	8.0	7.14	8.1	11.1	8.1	8.33	11.4	10.6	64	11.7	11	<7.45	10.1	19.8	17.3
Copper		NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	10.3	8.92	5.35	41.8	13.1	14.2	7	6.61	228	14.9
Lead	**500**	113	1.4 **J**	3.9 **J**	6.97	37.3	1.5 **J**	3.2	8	1.8 **J**	1.2 **J**	33.6	14.3	7.07	10.4	22.9	20.9	3.2 J	7.8	224	3.7 J
Mercury		0.658	0.054	0.0379	0.0444	0.0789	0.011 **J**	0.0284	0.453	0.024 **J**	<0.0307	0.0518	0.0405	0.013	7.3	0.0774	0.16	0.014 J	0.019	0.33	0.015 J
Selenium		<5.49	<5.02	<5.99	<5.16	<2.69	<2.5	<5.2	1.2 **J**	<2.6	<2.49	<5.27	<5.25	<5.13	<5.89	<5.89	<5.26	<4.97	<4.98	<5.41	<6.05
Silver		<5.49	<5.02	<5.99	<5.16	<2.69	<2.5	<5.2	<2.63	<5.2	<2.49	<5.27	<5.25	<5.13	<5.89	<5.89	<5.26	<4.97	<4.98	<5.41	<6.05
PAH's (ug/kg)																					
Acenaphthene	**60000000**	<27.6	<25.6	<31.2	186.0	929.0	<24.7	<27	<26.5	<25.7	<25.3	69.8	6.3J	<4.11	346	2J	6.3	3J	1J	5.4	<4.97
Acenaphthylene	**360000**	<138	<128	<156	<128	<124	<124	<135	<132	<128	<128	124	<85.3	<20.5	129	6J	42.7	8J	<21.1	13J	<24.9
Anthracene	**300000000**	<27.6	<25.6	<31.2	368.0	847.0	<24.7	<27	<26.5	<25.7	<25.3	386	19J	<20.5	115	9J	39.5	47.2	6J	37.6	<24.9
Benz(a)anthracene	**3900**	35.8	<25.6	<31.2	516.0	857.0	<24.7	<27	<26.5	<25.7	<25.3	1020	57J	1J	348	34J	160	494	20J	138	<24.9
Benzo(a)pyrene	**390**	49.6	<25.6	<31.2	**457.0**	**486.0**	<24.7	<27	<26.5	<25.7	<25.3	**817**	44J	<103	120J	32J	173	**508**	18J	118	<124
Benzo(b)fluoranthene	**3900**	38.6	<25.6	<31.2	355.0	507.0	<24.7	<27	<26.5	<25.7	<25.3	927	53J	<41.1	202	42J	213	728	20J	149	<49.7
Benzo(g,h,i)perylene	**39000**	55.1	<25.6	<31.2	378.0	358.0	<24.7	<27	<26.5	<25.7	<25.3	558	61J	<103	44J	27J	127	424	12J	110	<124
Benzo(k)fluoranthene	**39000**	<27.6	<25.6	<31.2	217.0	287.0	<24.7	<27	<26.5	<25.7	<25.3	329	20J	<20.5	71	16J	82.1	239	8J	41.4	<24.9
Chrysene	**390000**	55.1	<25.6	<31.2	513.0	844.0	<24.7	<27	<26.5	<25.7	<25.3	931	47J	0.9J	264	33.8	169	538	18	123	<9.94
Dibenz(a,h)anthracene	**390**	<27.6	<25.6	<31.2	71.5	69.0	<24.7	<27	<26.5	<25.7	<25.3	117	427	<103	14J	5J	25J	87J	<105	16J	<124
Fluoranthene	**40000000**	102.0	<25.6	<31.2	1400.0	3190.0	<24.7	<27	<26.5	<25.7	<25.3	2140	100J	1J	1720	61.6	411	663	40J	259	0.6J
Fluorene	**40000000**	<27.6	<25.6	<31.2	125.0	879.0	<24.7	<27	<26.5	<25.7	<25.3	86	6J	<8.22	311	2J	15.3	8J	2J	9J	<9.94
Indeno(1,2,3-cd)pyrene	**3900**	44.1	<25.6	<31.2	337.0	350.0	<24.7	<27	<26.5	<25.7	<25.3	546	34J	<103	52J	2J	12.8	446	11J	72J	<124
Naphthalene	**110000**	<27.6	<25.6	<31.2	33.2	154.0	<24.7	<27	<26.5	<25.7	<25.3	16JB	56J	<8.22	39.5	29J	9.9	2J	2J	3J	<9.94
Phenanthrene	**390000**	88.2	<25.6	<31.2	1370.0	3530.0	<24.7	<27	<26.5	<25.7	<25.3	1140JB	80	0.7J	1050	32.4	250	171	23.8	133	0.9J
Pyrene	**30000000**	90.9	<25.6	<31.2	1250.0	2600.0	<24.7	<27	<26.5	<25.7	<25.3	1950	95	1J	1070	55	310	690	31	245	<24.9
Total VOCs (ug/kg)																					
Bromomethane		<200	<200	<200	<200	<510	<511	<200	<228	<210	<445	<333	<445	160 J	140 J	<446	<446	<445	<448	<458	<529
Chloroform		<251	<368	<276	<237	130 J	<256	<238	<456	<421	<222	<167	<222	<220	<262	<223	<234	<222	<224	29 J	<264
Chloromethane		<502	<735	<551	<475	<510	<511	<477	<228	<210	<445	<333	<445	150 J	160 J	<446	<446	<445	<448	<458	<529
Ethylbenzene	**2,900**	21 J	<368	<276	<237	<255	21 J	<238	<228	<421	<222	<167	<222	<220	<262	<223	<234	<222	<224	<229	<264
m,p-Xylene		230 J	330 J	230 J	210 J	230 J	240 J	210 J	220 J	190 J	200 J	<333	<445	<440	<525	<446	<446	<445	<448	<458	<529
o-xylene		94J	130J	85J	81J	83J	85J	69J	80J	68J	71J	<167	<445	<220	<262	<223	<234	<222	<224	<229	<264
Tetrachloroethene		32 J	58 J	34 J	43 J	<60	43 J	40 J	19 J	18 J	38 J	14 J	19 J	21 J	26 J	31 JB	34 JB	31 JB	57 JB	37 JB	34 JB
trans-1,2-Dichloroethene		24 J	<368	<276	<237	<255	<256	<238	<220	<210	<222	<167	<222	<220	<262	<223	<234	<222	<224	<229	<264
Xylenes, total	**4,100.00**	330 J	450 J	320 J	290 J	310 J	320 J	280 J	300 J	260 J	270 J	<500	<667	<660	<787	<669	53 J	<667	<672	<687	<793

Notes:

Total RCRA Metals analyzed using EPA Method 6020, except for mercury which was analyzed using EPA Method 7471
mg/kg = milligrams per kilogram (ppm)
ug/kg = micrograms per kilowgram (ppb)
VOCs = volatile organic compounds analyzed using EPA Method 8260B
PAH = polynuclear aromatic hydrocarbons analyzed using EPA method 8310
WDNR RCL - Soil cleanup standards (WDNR NR 720) or Soil Cleanup Levels for Polycyclic Aromatic Hydrocarbons (PAHs) Interim Guidance (RR 519)
Samples analyzed by Environmental Monitoring and Technologies, Inc. (WDNR Certification #999888890)
Exceedances of RCL are highlited and bolded
Only compounds with at least one detection are listed
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank

~~02-72-558435~~
~~02-72-558436~~

~~03-72-555266~~
~~02-72-554728~~

Hvizdak, Tom J - DNR

02-72-554728

From: Hvizdak, Tom J - DNR
Sent: Friday, December 23, 2011 11:29 AM
To: 'James L. Hutchens'
Cc: Brumberg, Loren A - DNR
Subject: Draft Maintenance Plans

Attachments: 122111maintenance plan II_paving.docx; 122111maintenance plan production area.docx

Hi Jim,

Here are my suggested changes to your maintenance plans. Look them over and call me if you have any questions/comments. I will be in the office next week Tue. & Wed. Once we get a final draft I'll take them to the closure committee and get their comments.

Have a good Holidays
Tom

122111maintenance plan II_pavi... 122111maintenance plan product...

ENGINEERING CONTROL MAINTENANCE PLAN
SITE PAVING
BRRTS #02-72-5554728
January 2012

1.0 Introduction

The property is located in Wood County, Wisconsin. The street address of the site is 100 Wisconsin River Drive in Port Edwards, Wisconsin. The site is bordered to the south and east by the Wisconsin River in Port Edwards, about 0.25 miles south of Highways 54 and 73.

This document is the Maintenance Plan for an impervious cover over the process area located along the Wisconsin River at the property describe above in accordance with the requirements of s. NR 724.13(2), Wisconsin Administrative Code. The maintenance activities relate to the existing buildings, and concrete and asphalt pavement areas, occupying the process area are shown on Figure 1.

Soils in the area consist of sand with gravel and fill material over fine to coarse sand. The sample with the elevated PID reading (L1-012) was at a depth of 12 to 14 feet and was stained with a petroleum type odor with glass and other debris. The soils above this sample did not exhibit any odors or discoloration. Depth-to-water ranged from 8 to 14 feet. Analytical results of the soil and groundwater samples are summarized below.

- All process area samples detected arsenic concentrations. However, all samples with the exception of L1-001 were within the typical background concentrations observed in Wisconsin (5 to 10 mg/kg). L1-001 had a concentration of 41.2 ppm along with elevated levels of chromium and lead (217 ppm and 113 ppm, respectively). This boring was advanced southeast of the maintenance shop and may indicate fill material used in that area as the source of the contamination. Elevated chromium levels were also identified in L1-002 (71.8 ppm), L1-003 (35.3 ppm), and L5-001 (14.1 ppm). These elevated chromium levels could be the result of fill materials in these locations as well. The only other soil detections above standards were for benzo(a)pyrene in L1-004 (0.457 ppm), L1-005 (0.486 ppm), L1-010 (0.817 ppm), and L1-014 (0.508 ppm). No other metals, VOCs, or PAHs were detected above soil standards in the process area borings.
- Concentrations above NR 140 groundwater enforcement standard (ES) or preventive action limit (PAL) included the following: L5-001 had a detection of chrysene at 0.27 ppb, which is marginally above the ES of 0.2 ppb. L1-009, located near the acid plant, had a detection of methylene chloride (a common laboratory contaminant) at 0.94 ppb, which is below the NR 140 ES of 5 ppb. The sulfate level in L1-013 (672 ppm) was above the NR 140 ES (250 ppm) for public welfare.
- No soil or groundwater samples were collected beneath any of the buildings in the process area.

More site-specific information about this property may be found in:

- The case file in the DNR West Central regional office
- BRRTS on the Web (DNR's internet based data base of contaminated sites): http://dnr.wi.gov/botw/SetUpBasicSearchForm.do
- GIS Registry PDF file for further information on the nature and extent of contamination: http://dnrmaps.wisconsin.gov/imf/imf.jsp?site=brrts2; and
- The DNR Remediation & Redevelopment Program project manager for Wood County.

The entire area is covered with concrete and asphalt paving, or the existing mill building.

This Engineering Control Maintenance Plan identifies pavement maintenance activities and the associated schedule to ensure that the pavement remains intact to limit volatilization of organics and direct contact and thus protect the potential receptor populations. Section 2 identifies the activities and schedule requirements of this maintenance plan. A figure depicting the extent of impact relative to other site features is contained as Figure 1.

2.0 MAINTENANCE REQUIREMENTS

This Engineering Control Maintenance Plan has been developed to ensure that the barrier to the underlying soil by the presence of the buildings and the concrete/ asphalt paving in ~~this~~the process area will be properly maintained. Requirements will be met by both current and future property owners. The following procedures will be followed to ensure that the potential for exposure to residual contamination is minimized.

Inspections

The floors on the lowest level of the buildings and the concrete/asphalt ~~in the~~ exterior ~~affected~~ areas of the process area as shown in Figure 1 will be inspected on an annual basis. The inspection will include evaluating the surface for cracks or deterioration that can cause ~~[~~additional infiltration into~~]~~ ~~[~~or exposure to~~]~~ underlying soils. The inspections will be performed by the property owner or their designated representative. The inspections will be performed to evaluate damage due to settling, exposure to the weather, wear from traffic, increasing age and other factors. Any area where soils have become or are likely to become exposed (and where infiltration from the surface will not be effectively minimized) will be documented. A log of the inspections and any repairs will be maintained by the property owner. The log will include recommendations for necessary repair of any areas where underlying soils are exposed and where infiltration from the surface will not be effectively minimized. Once repairs are completed, they will be documented in the inspection log. A copy of the inspection log will be kept at the address of the property owner and available for submittal or inspection by Wisconsin Department of Natural Resources (WDNR).

Maintenance Activities

If problems are noted during the annual inspections or at any other time during the year, repairs will be scheduled as soon as practical. Repairs can include patching and filling or larger resurfacing or construction operations. In the event that necessary maintenance activities expose the underlying soil, the owner must inform maintenance workers of the direct contact exposure hazard and provide them with appropriate personal protection equipment (PPE).

The owner must also sample any soil that is excavated from the site prior to disposal to ascertain if contamination remains. The soil must be treated, stored and disposed of by the owner in accordance with applicable local, state and federal law. In the event the concrete/asphalt pavement or building structure in the process area~~overlying the contaminated soils~~ are removed or replaced, the replacement barrier must be equally impervious. Any replacement barrier will be subject to the same maintenance and inspection guidelines as outlined in this Maintenance Plan unless indicated otherwise by the WDNR or its successor.

The property owner, in order to maintain the integrity of the concrete and building structure, will maintain a copy of this Maintenance Plan on-site and make it available to all interested parties for viewing.

Prohibition of Activities and Notification of DNR Prior to Actions Affecting the Cover
The following activities require WDNR approval prior to commencement.

1. removal or replacement of the existing barrier;

~~1.~~2. excavating or grading of the land surface;

~~1.~~3. filling on capped or paved areas;

~~1.~~4. construction or placement of a building or other structure.

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Amendment or Withdrawal of Maintenance Plan

This Maintenance Plan can be amended or withdrawn by the property owner and its successors with the written approval of WDNR.

Contact Information

December 2011

Site Owner and Operator: Stewart Marcoux
Domtar AW, LLC
395 de Maisonneuve Blvd
Montreal, Quebec Canada H3A1LC
514-848-5555

Consultant: Jim Hutchens
ENVIRON International Corporation
175 N. Corporate Drive, Suite 160
Brookfield, WI 53045
262-901-0095

WDNR: Tom Hvizdak
473 Griffith Avenue
Wisconsin Rapids WI 54494
715-421-7850

02-72-554525
03-72-555266
02-72-554728

Hvizdak, Tom J - DNR

From: Hvizdak, Tom J - DNR
Sent: Monday, December 12, 2011 10:05 AM
To: 'James L. Hutchens'
Subject: RE: Domtar GIS Packets

Thanks Jim,

I have a lot of meetings this week, but I'll try to get this done by the end of the week.

Tom

From: James L. Hutchens [mailto:jlhutchens@environcorp.com]
Sent: Tuesday, December 06, 2011 2:50 PM
To: Hvizdak, Tom J - DNR
Cc: Marcoux, Stewart; Brumberg, Loren A - DNR
Subject: RE: Domtar GIS Packets

Tom
Attached are the GIS registries with the changes requested. Any questions please let me know. I tried to send as one email but it appears it was returned to me. I will follow with the other two.

Jim

From: Hvizdak, Tom J - DNR [mailto:Tom.Hvizdak@Wisconsin.gov]
Sent: Thursday, December 01, 2011 2:42 PM
To: James L. Hutchens
Cc: Marcoux, Stewart; Brumberg, Loren A - DNR
Subject: Domtar GIS Packets

Hi Jim,

I have some comments regarding the GIS packets you submitted on 10/28/11:

Roundhouse Site (BRRTS #02-72-554525)

- You need to submit a copy of the deed for this area.
- The Roundhouse site is outside the hatched area on the site location map you submitted. Figures 1 & 2 from the closure request with the roundhouse area somehow highlighted to make it stand out would be better.
- The detailed site map doesn't include all sample locations. Figure 3 from the closure request should be used instead.

Former UST Site (BRRTS #03-72-555266)

- You need to submit a copy of the deed for this area.
- The former UST site is outside the hatched area on the site location map you submitted. Figures 1 & 2 from the closure request with the former UST area somehow highlighted to make it stand out would be better.
- The detailed site map doesn't include all sample locations. Figure 5 from the closure request should be added to show the sample locations from the remedial excavation.
- The maintenance plan should also include contact info, the standard list of prohibited activities without prior approval by DNR, etc. There's a maintenance plan template starting on Page 21 of the DNR guidance for continuing obligations located at the following link:

  http://dnr.wi.gov/org/aw/rr/archives/pubs/RR606.pdf

It's easiest if you use this template, but it's not required, as long as your plan includes all of the info included in the template.

Also, I haven't had time to look at the new cover, so I'm assuming that the area was covered with asphalt. Because the contamination extends under the concrete cover too, the maintenance plan should include inspection of both the asphalt and concrete surface covers.

The Production Area (BRRTS #02-72-554728)

- You need to submit a copy of the deed for this area.
- The detailed site map doesn't include all sample locations. Figure 3 from the closure request should be added to the packet.
- Pretty much the same comments as the UST site regarding the maintenance plan. Except that the building is also part of the cover/barrier and needs to be included in the maintenance plan.

I hope this helps.

Tom

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Hvizdak, Tom J - DNR

From: James L. Hutchens [jlhutchens@environcorp.com]
Sent: Tuesday, December 06, 2011 2:50 PM
To: Hvizdak, Tom J - DNR
Cc: Marcoux, Stewart; Brumberg, Loren A - DNR
Subject: RE: Domtar GIS Packets
Attachments: GIS Registry Checklist-Production_Final.pdf

Tom
Attached are the GIS registries with the changes requested. Any questions please let me know. I tried to send as one email but it appears it was returned to me. I will follow with the other two.

Jim

From: Hvizdak, Tom J - DNR [mailto:Tom.Hvizdak@Wisconsin.gov]
Sent: Thursday, December 01, 2011 2:42 PM
To: James L. Hutchens
Cc: Marcoux, Stewart; Brumberg, Loren A - DNR
Subject: Domtar GIS Packets

Hi Jim,

I have some comments regarding the GIS packets you submitted on 10/28/11:

Roundhouse Site (BRRTS #02-72-554525)

- You need to submit a copy of the deed for this area.
- The Roundhouse site is outside the hatched area on the site location map you submitted. Figures 1 & 2 from the closure request with the roundhouse area somehow highlighted to make it stand out would be better.
- The detailed site map doesn't include all sample locations. Figure 3 from the closure request should be used instead.

ner UST Site (BRRTS #03-72-555266)

- You need to submit a copy of the deed for this area.
- The former UST site is outside the hatched area on the site location map you submitted. Figures 1 & 2 from the closure request with the former UST area somehow highlighted to make it stand out would be better.
- The detailed site map doesn't include all sample locations. Figure 5 from the closure request should be added to show the sample locations from the remedial excavation.
- The maintenance plan should also include contact info, the standard list of prohibited activities without prior approval by DNR, etc. There's a maintenance plan template starting on Page 21 of the DNR guidance for continuing obligations located at the following link:

  http://dnr.wi.gov/org/aw/rr/archives/pubs/RR606.pdf

It's easiest if you use this template, but it's not required, as long as your plan includes all of the info included in the template.

Also, I haven't had time to look at the new cover, so I'm assuming that the area was covered with asphalt. Because the contamination extends under the concrete cover too, the maintenance plan should include inspection of both the asphalt and concrete surface covers.

Production Area (BRRTS #02-72-554728)

- You need to submit a copy of the deed for this area.

- The detailed site map doesn't include all sample locations. Figure 3 from the closure request should be added to the packet.
- Pretty much the same comments as the UST site regarding the maintenance plan. Except that the building is also part of the cover/barrier and needs to be included in the maintenance plan.

I hope this helps.

Tom

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02-72-554525
03-72-555266
02-72-554728

Hvizdak, Tom J - DNR

From: James L. Hutchens [jlhutchens@environcorp.com]
Sent: Friday, October 28, 2011 10:12 AM
To: Hvizdak, Tom J - DNR
Subject: GIS REgistries - Port Edwards
Attachments: GIS Registry Checklist-Production_Final.pdf; GIS Registry Checklist-Roundhouse_Final.pdf; GIS Registry Checklist-UST Area_Final.pdf

Tom
Attached are the three GIS Registries for the Port Edwards site. I believe you have the MW abandonment forms for the roundhouse and UST area. If not let me know and I can get them to you

Jim

James L. Hutchens, P.E. | Senior Manager
ENVIRON International Corporation | www.environcorp.com
175 North Corporate Drive, Suite 160
Brookfield, Wisconsin 53045-5898
Voice: 262.901.0095 | Facsimile: 262.901.0079 | Mobile 414.502.6749
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02-72-554728
02-72-554525

Hvizdak, Tom J - DNR

From: James L.Hutchens [jlhutchens@environcorp.com]
Sent: Friday, August 05, 2011 2:06 PM
To: Hvizdak, Tom J - DNR
Cc: Marcoux, Stewart; Brumberg, Loren A - DNR
Subject: RE: Production Area & Roundhouse GIS Packets

Thanks Tom
I will modify both based on your comments and reissue

Jim

From: Hvizdak, Tom J - DNR [mailto:Tom.Hvizdak@Wisconsin.gov]
Sent: Friday, August 05, 2011 1:54 PM
To: James L.Hutchens
Cc: Marcoux, Stewart; Brumberg, Loren A - DNR
Subject: Production Area & Roundhouse GIS Packets

Hi Jim,

I took a quick look at the 2 GIS packets you submitted and noticed a number of issues:

Roundhouse Packet:

- The only continuing requirement for this site is to maintain industrial zoning. The closure committee did not require that a cap be maintained, so I'm confused as to why you included a cap maintenance plan.
- A copy of the deed and a notarized statement certifying that it is the deed for the site was not included in the packet. Please note that each packet has to be a stand alone document, so even if a particular deed may apply for multiple sites, each packet must contain a copy of that deed and certification statement.

Production Area Packet:

- A notarized statement certifying that it is the deed for the site was not included in the packet.
- The maintenance plan is to include more than just the paved area between the production buildings and the river. Please refer to the conditional closure letter for the area that needs to be included and other requirements.
- The cross section included in this packet is for a different part of the property. Please include a more appropriate cross section.

Also, while it appears that you included all of the applicable soil and groundwater lab data collected at each site, I did not take the time to go through the file and verify this. Could you please double check to make sure that the lab data tables are complete?

Thanks
Tom

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Hvizdak, Tom J - DNR

From: James L.Hutchens [jlhutchens@environcorp.com]
Sent: Thursday, July 28, 2011 3:17 PM
To: Hvizdak, Tom J - DNR
Subject: GIS Registry - Production Area
Attachments: GIS Registry Checklist_Final.pdf

Tom
Attached is the GIS registry for the production area. Any questions please let me know

Jim

James L. Hutchens, P.E. | Senior Manager
ENVIRON International Corporation | www.environcorp.com
175 North Corporate Drive, Suite 160
Brookfield, Wisconsin 53045-5898
Voice: 262.901.0095 | Facsimile: 262.901.0079 | Mobile 414.502.6749
Email: jlhutchens@environcorp.com

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GIS Registry Checklist

Form 4400-245 (R 3/10)

This Adobe Fillable form is intended to provide a list of information that is required for evaluation for case closure. It is to be used in conjunction with Form 4400-202, Case Closure Request. The closure of a case means that the Department has determined that no further response is required at that time based on the information that has been submitted to the Department.

NOTICE: Completion of this form is mandatory for applications for case closure pursuant to ch. 292, Wis. Stats. and ch. NR 726, Wis. Adm. Code, including cases closed under ch. NR 746 and ch. NR 726. The Department will not consider, or act upon your application, unless all applicable sections are completed on this form and the closure fee and any other applicable fees, required under ch. NR 749, Wis. Adm. Code, Table 1 are included. It is not the Department's intention to use any personally identifiable information from this form for any purpose other than reviewing closure requests and determining the need for additional response action. The Department may provide this information to requesters as required by Wisconsin's Open Records law [ss. 19.31 - 19.39, Wis. Stats.].

BRRTS #: 02-72-554728 PARCEL ID #: 772010580

ACTIVITY NAME: Domtar Port Edwards Production Area WTM COORDINATES: X: 531266 Y: 429324

CLOSURE DOCUMENTS (the Department adds these items to the final GIS packet for posting on the Registry)

- ☐ **Closure Letter**
- ☒ **Maintenance Plan** *(if activity is closed with a land use limitation or condition (land use control) under s. 292.12, Wis. Stats.)*
- ☐ **Continuing Obligation Cover Letter** (for property owners affected by residual contamination and/or continuing obligations)
- ☐ **Conditional Closure Letter**
- ☐ **Certificate of Completion (COC)** (for VPLE sites)

SOURCE LEGAL DOCUMENTS

☒ **Deed:** The most recent deed as well as legal descriptions, for the **Source Property** (where the contamination originated). Deeds for other, off-source (off-site) properties are located in the **Notification** section.
Note: *If a property has been purchased with a land contract and the purchaser has not yet received a deed, a copy of the land contract which includes the legal description shall be submitted instead of the most recent deed. If the property has been inherited, written documentation of the property transfer should be submitted along with the most recent deed.*

☐ **Certified Survey Map:** A copy of the certified survey map or the relevant section of the recorded plat map *for those properties where the legal description in the most recent deed refers to a certified survey map or a recorded plat map.* (lots on subdivided or platted property (e.g. lot 2 of xyz subdivision)).

Figure #: **Title:**

☐ **Signed Statement:** A statement signed by the Responsible Party (RP), which states that he or she believes that the attached legal description accurately describes the correct contaminated property.

MAPS (meeting the visual aid requirements of s. NR 716.15(2)(h))

Maps must be no larger than 11 x 17 inches unless the map is submitted electronically.

☒ **Location Map:** A map outlining all properties within the contaminated site boundaries on a U.S.G.S. topographic map or plat map in sufficient detail to permit easy location of all parcels. If groundwater standards are exceeded, include the location of all potable wells within 1200 feet of the site.
Note: *Due to security reasons municipal wells are not identified on GIS Packet maps. However, the locations of these municipal wells must be identified on Case Closure Request maps.*

Figure #: 1 **Title: Site Location Map**

☒ **Detailed Site Map:** A map that shows all relevant features (buildings, roads, individual property boundaries, contaminant sources, utility lines, monitoring wells and potable wells) within the contaminated area. This map is to show the location of all contaminated public streets, and highway and railroad rights-of-way in relation to the source property and in relation to the boundaries of groundwater contamination exceeding a ch. NR 140 Enforcement Standard (ES), and/or in relation to the boundaries of soil contamination exceeding a Residual Contaminant Level (RCL) or a Site Specific Residual Contaminant Levels (SSRCL) as determined under s. NR 720.09, 720.11 and 720.19.

Figure #: 2 **Title: Site Layout - Aerial Photo**

☐ **Soil Contamination Contour Map:** For sites closing with residual soil contamination, this map is to show the location of all contaminated soil and a single contour showing the horizontal extent of each area of contiguous residual soil contamination that exceeds a Residual Contaminant Level (RCL) or a Site Specific Residual Contaminant Level (SSRCL)as determined under s. NR 720.09, 720.11 and 720.19.

Figure #: **Title:**

BRRTS #: 02-72-554728 ACTIVITY NAME: Domtar Port Edwards Production Area

MAPS (continued)

☒ **Geologic Cross-Section Map:** A map showing the source location and vertical extent of residual soil contamination exceeding a Residual Contaminant Level (RCL) or a Site Specific Residual Contaminant Level (SSRCL). If groundwater contamination exceeds a ch. NR 140 Enforcement Standard (ES) when closure is requested, show the source location and vertical extent, water table and piezometric elevations, and locations and elevations of geologic units, bedrock and confining units, if any.

Figure #: 5 **Title: Site Map with Cross Sections and Soil Boring Locations**

Figure #: 6 **Title: Geologic Cross Section A-A'**

☐ **Groundwater Isoconcentration Map:** For sites closing with residual groundwater contamination, this map shows the horizontal extent of all groundwater contamination exceeding a ch. NR140 Preventive Action Limit (PAL) and an Enforcement Standard (ES). Indicate the direction and date of groundwater flow, based on the most recent sampling data.
Note: *This is intended to show the total area of contaminated groundwater.*

Figure #: **Title:**

☒ **Groundwater Flow Direction Map:** A map that represents groundwater movement at the site. If the flow direction varies by more then 20° over the history of the site, submit 2 groundwater flow maps showing the maximum variation in flow direction.

Figure #: 4 **Title: Groundwater Contour Map**

Figure #: **Title:**

TABLES (meeting the requirements of s. NR 716.15(2)(h)(3))

Tables must be no larger than 11 x 17 inches unless the table is submitted electronically. Tables must not contain shading and/or cross-hatching. The use of **BOLD** or *ITALICS* is acceptable.

☒ **Soil Analytical Table:** A table showing remaining soil contamination with analytical results and collection dates.
Note: This is one table of results for the contaminants of concern. Contaminants of concern are those that were found during the site investigation, that remain after remediation. It may be necessary to create a new table to meet this requirement.

Table #: 1-1 **Title: Soil Sampling Results Summary**

☒ **Groundwater Analytical Table:** Table(s) that show the most recent analytical results and collection dates, for all monitoring wells and any potable wells for which samples have been collected.

Table #: 2-1 **Title: Groundwater Sampling Results Summary**

☐ **Water Level Elevations:** Table(s) that show the previous four (at minimum) water level elevation measurements/dates from all monitoring wells. If present, free product is to be noted on the table.

Table #: **Title:**

IMPROPERLY ABANDONED MONITORING WELLS

For each monitoring well not properly abandoned according to requirements of s. NR 141.25 include the following documents.
Note: *If the site is being listed on the GIS Registry for only an improperly abandoned monitoring well you will only need to submit the documents in this section for the GIS Registry Packet.*

☒ **Not Applicable**

☐ **Site Location Map:** A map showing all surveyed monitoring wells with specific identification of the monitoring wells which have not been properly abandoned.
Note: *If the applicable monitoring wells are distinctly identified on the Detailed Site Map this Site Location Map is not needed.*

Figure #: **Title:**

☐ **Well Construction Report:** Form 4440-113A for the applicable monitoring wells.

☐ **Deed:** The most recent deed as well as legal descriptions for each property where a monitoring well was not properly abandoned.

☐ **Notification Letter:** Copy of the notification letter to the affected property owner(s).

BRRTS #: 02-72-554728 ACTIVITY NAME: Domtar Port Edwards Production Area

NOTIFICATIONS

Source Property

☒ **Not Applicable**

☐ **Letter To Current Source Property Owner:** If the source property is owned by someone other than the person who is applying for case closure, include a copy of the letter notifying the current owner of the source property that case closure has been requested.

☐ **Return Receipt/Signature Confirmation:** Written proof of date on which confirmation was received for notifying current source property owner.

Off-Source Property

Group the following information per individual property and label each group according to alphabetic listing on the "Impacted Off-Source Property" attachment.

☒ **Not Applicable**

☐ **Letter To "Off-Source" Property Owners:** Copies of all letters sent by the Responsible Party (RP) to owners of properties with groundwater exceeding an Enforcement Standard (ES), and to owners of properties that will be affected by a land use control under s. 292.12, Wis. Stats.
Note: *Letters sent to off-source properties regarding residual contamination must contain standard provisions in Appendix A of ch. NR 726.*

Number of "Off-Source" Letters:

☐ **Return Receipt/Signature Confirmation:** Written proof of date on which confirmation was received for notifying any off-source property owner.

☐ **Deed of "Off-Source" Property:** The most recent deed(s) as well as legal descriptions, for all affected deeded **off-source property(ies).** This does not apply to right-of-ways.
Note: *If a property has been purchased with a land contract and the purchaser has not yet received a deed, a copy of the land contract which includes the legal description shall be submitted instead of the most recent deed. If the property has been inherited, written documentation of the property transfer should be submitted along with the most recent deed.*

☐ **Letter To "Governmental Unit/Right-Of-Way" Owners:** Copies of all letters sent by the Responsible Party (RP) to a city, village, municipality, state agency or any other entity responsible for maintenance of a public street, highway, or railroad right-of-way, within or partially within the contaminated area, for contamination exceeding a groundwater Enforcement Standard (ES) and/or soil exceeding a Residual Contaminant Level (RCL) or a Site Specific Residual Contaminant Level (SSRCL).

Number of "Governmental Unit/Right-Of-Way Owner" Letters:

ENGINEERING CONTROL MAINTENANCE PLAN
SITE PAVING

1.0 INTRODUCTION

The property is located in Wood County, Wisconsin. The street address of the site is 100 Wisconsin River Drive in Port Edwards, Wisconsin. The site is bordered to the south and east by the Wisconsin River in Port Edwards, about 0.25 miles south of Highways 54 and 73.

Soils in the area consist of sand with gravel and fill material over fine to coarse sand. The sample with the elevated PID reading (L1-012) was at a depth of 12 to 14 feet and was stained with a petroleum type odor with glass and other debris. The soils above this sample did not exhibit any odors or discoloration. Depth-to-water ranged from 8 to 14 feet. Analytical results of the soil and groundwater samples are summarized below.

- All process area samples detected arsenic concentrations. However, all samples with the exception of L1-001 were within the typical background concentrations observed in Wisconsin (5 to 10 mg/kg). L1-001 had a concentration of 41.2 ppm along with elevated levels of chromium and lead (217 ppm and 113 ppm, respectively). This boring was advanced southeast of the maintenance shop and may indicate fill material used in that area as the source of the contamination. Elevated chromium levels were also identified in L1-002 (71.8 ppm), L1-003 (35.3 ppm), and L5-001 (14.1 ppm). These elevated chromium levels could be the result of fill materials in these locations as well. The only other soil detections above standards were for benzo(a)pyrene in L1-004 (0.457 ppm), L1-005 (0.486 ppm), L1-010 (0.817 ppm), and L1-014 (0.508 ppm). No other metals, VOCs, or PAHs were detected above soil standards in the process area borings.
- Concentrations above NR 140 groundwater enforcement standard (ES) or preventive action limit (PAL) included the following: L5-001 had a detection of chrysene at 0.27 ppb, which is marginally above the ES of 0.2 ppb. L1-009, located near the acid plant, had a detection of methylene chloride (a common laboratory contaminant) at 0.94 ppb, which is below the NR 140 ES of 5 ppb. The sulfate level in L1-013 (672 ppm) was above the NR 140 ES (250 ppm) for public welfare.

Needs To Include Bldgs Too

The entire area is covered with concrete paving or the existing mill building.

This Engineering Control Maintenance Plan identifies pavement maintenance activities and the associated schedule to ensure that the pavement remains intact to limit volatilization of organics and direct contact and thus protect the potential receptor populations. Section 2 identifies the activities and schedule requirements of this maintenance plan. A figure depicting the extent of impact relative to other site features is contained as Figure 1.

2.0 MAINTENANCE REQUIREMENTS

This Engineering Control Maintenance Plan has been developed to ensure that the concrete/asphalt paving in this area will be properly maintained. Requirements will be met by both current and future property owners. The following procedures will be followed at the vacant parcel site to ensure that the potential for exposure to residual contamination is minimized:

- The concrete/asphalt in the affected areas will be inspected on an annual basis. The inspection will include evaluating the surface for cracks or deterioration. If large cracks (>1")

or other breaching of the concrete/asphalt integrity is observed, proper maintenance will be incorporated; large cracks will be filled or sections will be replaced. Observations and repair activities will be documented in a logbook that will be maintained on site.

- If subsurface work is to be completed in the impacted areas, the owner will employ practices to notify employees and contractor personnel of potential exposure issues (hazard communication) and implement controls, as necessary, which may include worker exposure air monitoring and ventilation. A Health and Safety Plan accounting for the potential exposure risks will need to be developed for each activity.
- Demo of existing bldg

Area requiring inspection and maintenance of Paved areas

PROJECT: Domtar Port Edwards	
SHEET TITLE: Paving Maintenance Area - Production	
DATE: 07/21/11	FIGURE No.: 1
PROJECT NO.: 21-52953A	

ENVIRON
www.environcorp.com

175 N. Corporate Drive, Suite 160
Brookfield, WI 53045
PHONE: (262) 901-0099
FAX: (262) 901-0079

883553

REGISTER OF DEEDS
WOOD COUNTY
RECORDED ON

08-07-2001 4:29 PM

RENE' L KRAUSE
REGISTER OF DEEDS

Rene' L. Krause Dp

REC. FEE 96.00
TRAN. FEE: 2588.10
PAGES: 44

SPECIAL WARRANTY DEED

This Instrument to be returned to:

Boles-Wallner Abstract & Title, Inc.
P.O. Box 575
Wisconsin Rapids, WI 54495

Parcel ID Nos. 9600 P

$ 2,588.10 BWA
TRANSFER FEE

THIS INDENTURE, made this 7th day of August, 2001 by and between **NEKOOSA PAPERS INC.**, a Wisconsin corporation ("Grantor"), and **DOMTAR A.W. CORP.**, a Delaware corporation, having an address at 395 de Maisonneuve Blvd. West, Montreal, Quebec, Canada H3A 1L6, ("Grantee") ("Grantor" and "Grantee" to include their respective successors, legal representatives, heirs and assigns where the context requires or permits);

WITNESSETH, That:

Grantor, for and in consideration of the sum of TEN AND NO/100 DOLLARS ($10.00), and other good and valuable consideration in hand paid at and before the sealing and delivery of these presents, the receipt and sufficiency whereof are hereby acknowledged, has granted, bargained, sold, aliened, conveyed, and confirmed, and by these presents does grant, bargain, sell, alien, convey and confirm unto Grantee, all that tract or parcel of land described in Exhibit A, attached hereto and by this reference made a part hereof (hereinafter the "Land").

TOGETHER WITH all rights, members, easements, and appurtenances appertaining to the Land, together with all right, title, and interest of Grantor in and to any and all alleys, streets, and rights-of-way adjacent to or abutting the Land (the Land, together with such rights and appurtenances and all buildings and improvements thereon, hereinafter the "Property").

TO HAVE AND TO HOLD the Property, with all and singular the rights, members, and appurtenances thereof, to the same being, belonging, or in anywise appertaining to the only proper use, benefit, and behoof of Grantee forever in FEE SIMPLE.

AND Grantor will warrant and forever defend the right and title to the Property unto Grantee against the claims of all persons claiming by, through or under Grantor, and no further.

The conveyance effected hereby and warranty of title set forth herein is expressly made subject to the matters described in Exhibit B, attached hereto and by this reference made a part hereof.

IN WITNESS WHEREOF, Grantor has signed, sealed and delivered this Deed, the day and year first above written.

GRANTOR:

NEKOOSA PAPERS INC.,
a Wisconsin corporation

Barbara M Smith
Witness
Name: Barbara M Smith

Carol A. Stephens
Name: Carol A. Stephens
Title: Senior Director of Corporate Real Estate

DRAFTED BY: THOMAS K. DOTZENROD

ACKNOWLEDGMENT
(CORPORATION)

STATE OF NEW YORK)
)ss.:
COUNTY OF NEW YORK)

On this day, personally appeared before me, Carol A. Stephens, to me personally well known, who acknowledged that she was the Senior Director of Corporate Real Estate of Nekoosa Papers Inc., a Wisconsin corporation, and that she, as such officer, being authorized to do so, had executed the foregoing instrument for the purposes therein contained, by signing the name of the corporation by herself as such officer.

IN TESTIMONY WHEREOF, I have hereunto set my hand and official seal this 4th day of August, 2001.

Signature and Office of Individual
Taking the Acknowledgement

Michael S. Kenny

MICHAEL S. KENNY
Notary Public, State of New York
No. 01KE6039488
Qualified in Queens County
Certificate Filed in New York County
Commission Expires April 3, 2002

(SEAL)

NOTARY PUBLIC

EXHIBIT A

[Legal Description of the Property]

Exhibit A

Domtar A.W. Corp. Legal Descriptions

The parcels described as follows, including without limitation any and all riparian rights appurtenant thereto:

Parcel 5:
The SW ¼ of the NW ¼ of Section 3, Township 21 North, Range 5 East, Town of Port Edwards, Wood County, Wisconsin, EXCEPT 25 acres for Managed Forest.
(Tax Key No. 13-00328)

Parcel 6:
25.00 acres for Managed Forest Land located in the SW ¼ of the NW ¼ of Section 3, Township 21 North, Range 5 East, Town of Port Edwards, Wood County, Wisconsin.
(Tax Key No. 13-00328A)

Parcel 9:
Lot 32 of West Side Assessor's Plat No. 7, City of Wisconsin Rapids, Wood County, Wisconsin.
(Tax Key No. 34-04665)

Parcel 11:
Part of Government Lot 3 lying south of Hurley Street and West of 2nd Avenue in Section 24, Township 22 North, Range 5 East, City of Wisconsin Rapids, Wood County, Wisconsin, EXCEPT Commencing at the intersection of the South line of Hurley Street and the West line of 2nd Avenue, thence West 120 feet, thence South 80 feet, thence Southeast 51.4 feet, thence East 88 feet, thence Northerly 120 feet to the point of beginning.
(Tax Key No. 34-04906)

Parcel 13:
Lot 1 of Wood County Certified Survey Map No. 3259, as recorded in Volume 11 of Survey Maps, page 259, being part of Government Lot 4 of Section 24, Township 22 North, Range 5 East, City of Wisconsin Rapids, Wood County, Wisconsin.
(Tax Key No. 34-04926)

Parcel 14:
Lot 1 of Wood County Certified Survey Map No. 5122, as recorded in Volume 18 of Survey Maps, page 22, being part of Government Lots 3 and 4 in Section 36, Township 22 North, Range 5 East, Village of Port Edwards, Wood County, Wisconsin.
(Tax Key No. 27-00080A)

Parcel 15:
The East 44 feet of Lot 6 and the West 44 feet of Lot 7 of Block 25 of the First Addition to the Townsite of the Village of Port Edwards, Village of Port Edwards, Wood County, Wisconsin.
(Tax Key No. 27-00316)

Parcel 17:

A strip of land 100 feet wide on the Westerly side of Government Lot 4 in Section 25, Township 22 North, Range 5 East, being the right of way of Chicago & Northwestern Railroad, Village of Port Edwards, Wood County, Wisconsin.
(Tax Key No. 27-00005B)

Parcel 18:
Lot 1 of Wood County Certified Survey Map No. 2332, as recorded in Volume 8 of Survey Maps, page 232, being part of Government Lot 4, Section 25, Township 22 North, Range 5 East, Village of Port Edwards, Wood County, Wisconsin.
(Tax Key No. 27-00009)

Parcel 20:
A strip of land 100 feet wide on the Westerly side of Government Lot 1 in Section 25, Township 22 North, Range 5 East, being the right-of-way of Chicago & Northwestern Railroad, Village of Port Edwards, Wood County, Wisconsin.
(Tax Key No. 27-00001E)

Parcel 21:
The East 22 feet of Lot 7 and all of Lot 8 of Block 25 of the First Addition to the Townsite of the Village of Port Edwards, Village of Port Edwards, Wood County, Wisconsin.
(Tax Key No. 27-00317)

Parcel 22:
Lot 1 of Block 25B of the Fifth Addition to the Village of Port Edwards, Village of Port Edwards, Wood County, Wisconsin.
(Tax Key No. 27-00339A)

Parcel 23:
Lot 7 of Block 25B of the Fifth Addition to the Village of Port Edwards, Village of Port Edwards, Wood County, Wisconsin.
(Tax Key No. 27-00339G)

Parcel 24:
Lot 8 of Block 25B of the Fifth Addition to the Village of Port Edwards, Village of Port Edwards, Wood County, Wisconsin.
(Tax Key No. 27-00339H)

Parcel 25:
Lot 9 of Block 25B of the Fifth Addition to the Village of Port Edwards, Village of Port Edwards, Wood County, Wisconsin.
(Tax Key No. 27-00339I)

Parcel 26:
Lot 10 of Block 25B of the Fifth Addition to the Village of Port Edwards, Village of Port Edwards, Wood County, Wisconsin.
(Tax Key No. 27-00339J)

Parcel 28:

A strip of land 100 feet wide on the Westerly side of Government Lot 2 in Section 25, Township 22 North, Range 5 East, being the right of way of CNW Railroad, Village of Port Edwards, Wood County, Wisconsin.
(Tax Key No. 27-00002A)

Parcel 30:
A strip of land 100 feet wide on the Westerly side of Government Lot 3 in Section 25, Township 22 North, Range 5 East, being the right of way of CNW Railroad, Village of Port Edwards, Wood County, Wisconsin.
(Tax Key No. 27-00004C)

Parcel 34:
A strip of land 100 feet wide on the Westerly side of Government Lot 1 in Section 36, Township 22 North, Range 5 East, being the right of way of CNW Railroad, Village of Port Edwards, Wood County, Wisconsin.
(Tax Key No. 27-00075A)

Parcel 36:
A strip of land 100 feet wide on the West side of Government Lot 2 in Section 36, Township 22 North, Range 5 East, being the right of way of CNW Railroad, Village of Port Edwards, Wood County, Wisconsin.
(Tax Key No. 27-00076A)

Parcel 38:
Lot 3 of Wood County Certified Survey Map No. 6999, as recorded in Volume 24 of Survey Maps, page 99, being part of Government Lot 3 in Section 36, Township 22 North, Range 5 East, Village of Port Edwards, Wood County, Wisconsin.
(Tax Key No. 27-00079)

Parcel 39:
Government Lot 4 in Section 36, Township 22 North, Range 5 East (including Wood County Certified Survey Map No. 1486, being part of Section 35 and Government Lot 3), and Government Lot 1 in Section 1, Township 21 North, Range 5 East, EXCEPT that part lying North of Edwards Avenue and West of Wisconsin River Drive, EXCEPT Block 25-B, EXCEPT part described in Volume 327 of Deeds, page 369, Wood County Records, more particularly described as follows: That part of said Government Lot 4 lying Easterly of the public highway known as State Trunk Highway 73 (Wisconsin River Drive) as the same is now located, more particularly described as follows: Commencing at the Northeast corner of Lot 1 in Block 25B of the Fifth Addition to the Village of Port Edwards according to the recorded plat thereof, thence S 66 degrees 41.69' East 347 feet to the point of beginning; thence S 23 degrees 18.31' West 173 feet; thence S 66 degrees 41.69' East 264 feet, thence North 23 degrees 18.31' East 234.72 feet; thence North 31 degrees 04.88' West 133.53 feet; thence N 5 degrees 04.19' West 135.01 feet; thence N 66 degrees 41.69' West 91.29 feet; thence S 23 degrees 18.31' West 258.26 feet to the point of beginning; BUT INCLUDING Wood County Certified Survey Map No. 903, 904 and 905. All located in the Village of Port Edwards, Wood County, Wisconsin, EXCEPT Wood County Certified Survey Map No. 7174.
(Tax Key No. 27-00081)

AND FURTHER EXCEPTING the property described below:

AREA SOUTH AND EAST OF FERC LINE IN VICINITY OF PORT EDWARDS MILL

All that part of Government Lot 1, Section 1, T21N, R5E, and Government Lot 4, Section 36, T22N, R5E, Village of Port Edwards, Wood County, Wisconsin, lying South and East of the

following described line, said line being defined as the FERC line lying within said Government Lots, and being more particularly described as follows:

COMMENCING at the northwest corner of said Section 1, T21N, R5E, said corner also be the southwest corner of Section 36, T22N, R5E;

THENCE S 01°13'40" E, along the west line said Section 1, 427.84 feet to a point on the FERC line and the POINT OF BEGINNING;

THENCE with said FERC line the following 28 courses:

1. S 75°41' 36" E, 294.34 feet
2. Northeasterly on a curve to the left having a radius of 673.70 feet, said curve subtended by a chord which bears N 80°43' 55" E a chord distance of 538.88 feet, an arc distance of 554.39 feet;
3. N 32°50' 33" W, 40.00 feet;
4. N 56°34' 23" E, 11.00 feet;
5. N 79°50' 21" E, 992.09 feet;
6. N 63°36' 43" E, 346.14 feet;
7. N 63°36' 43" E, 87.69 feet;
8. N 70°10' 35" E, 123.11 feet to a building corner;
9. N 76°25' 18" E, along a building line, 23.28 feet to a building corner;
10. N 13°34' 42" W, along a building line, 46.55 feet to a building corner;
11. N 76°00' 45" E, along a building line, 6.00 feet to a building corner;
12. N 13°34' 42" W, along a building line, 85.87 feet to a building corner;
13. N 73°56' 28" W, along a building line, 53.95 feet to a building corner;
14. N 13°56' 27" W, along a building line, 123.75 feet to a building corner;
15. S 76°03' 33" W, along a building line, 1.40 feet to a building corner;
16. N 13°56' 27" W, along a building line, 66.70 feet to a building corner;
17. S 76° 03' 32" W, along a building line, 5.30 feet to a building corner;
18. N 13°56' 27" W, along a building line, 51.04 feet;
19. S 76°04' 45" W, 11.17 feet;
20. N 76°14' 39" W, 56.78 feet;
21. N 70°04' 26" W, 202.01 feet;
22. N 49°04' 26" W, 150.01 feet;
23. N 31°04' 26" W, 373.02 feet;
24. N 04°59' 43" W, 135.21 feet;
25. N 44°18' 29" E, 84.75 feet;
26. N 19°15' 26" E, 200.17 feet;
27. N 66°56' 09" W, 47.86 feet;
28. N 23°14' 42" E, 6.62 feet to a point on the north line of said Government Lot 4, Section 36, 22N, R5E.

Parcel 39a:
Lot 1 of Wood County Certified Survey Map No. 7174, as recorded in Volume 24 of Survey Maps, page 274, being a portion of land located in Government Lot 3 of Section 36, Township 22 North, Range 5 East, Village of Port Edwards, Wood County, Wisconsin.
(Tax Key No. 27-00081B)

Parcel 40:

That part of Government Lot 4 in Section 36, Township 22 North, Range 5 East as described in Volume 327 of Deeds, page 369, Wood County Records, more particularly described as follows: That part of said Government Lot 4 lying Easterly of the public highway known as State Trunk Highway 73 (Wisconsin River Drive) as the same is now located, more particularly described as follows: Commencing at the Northeast corner of Lot 1 in Block 25B of the Fifth Addition to the Village of Port Edwards according to the recorded plat thereof, thence S 66 degrees 41.69' East 347 feet to the point of beginning; thence S 23 degrees 18.31' West 173 feet; thence S 66 degrees 41.69' East 264 feet, thence North 23 degrees 18.31' East 234.72 feet; thence North 31 degrees 04.88' West 133.53 feet; thence N 5 degrees 04.19' West 135.01 feet; thence N 66 degrees 41.69' West 91.29 feet; thence S 23 degrees 18.31' West 258.26 feet to the point of beginning; and the East ½ of the vacated Wisconsin River Drive adjacent to said parcel, Village of Port Edwards, Wood County, Wisconsin.
(Tax Key No. 27-00081A)

Parcel 41:
The Northerly 132 feet of the Easterly 264 feet of that part of Government Lot 4 lying Southerly of Edwards Avenue and Westerly of Wisconsin River Avenue, and the W ½ of vacated Wisconsin River Drive adjacent to said parcel, in Section 36, Township 22 North, Range 5 East, Village of Port Edwards, Wood County, Wisconsin.
(Tax Key No. 27-00082)

Parcel 43:
That part of Government Lot 1 in Section 1, Township 21 North, Range 5 East, Village of Port Edwards, Wood County, Wisconsin, described as follows: Commencing at a point on the Westerly line of the highway 92 feet Southerly of the intersection with the North line; thence Northwesterly at right angles 246 feet; thence Southerly at right angles 130 feet, thence Easterly to said highway, thence Northerly to the point of beginning.
(Tax Key No. 27-00087)

Parcel 47:
That part of the C & NW Railroad right of way in Government Lots 1 and 3 which is 100 feet wide, in Section 3, Township 21 North, Range 5 East, Village of Port Edwards, Wood County, Wisconsin.
(Tax Key No. 27-00091B)

Parcel 48:
Lot 4 in Block 5 of the Townsite of Port Edwards, Village of Port Edwards, Wood County, Wisconsin.
(Tax Key No. 27-00142)

Parcel 49:
Lot 5 in Block 5 of the Townsite of Port Edwards, Village of Port Edwards, Wood County, Wisconsin.
(Tax Key No. 27-00143)

Parcel 50:
Lot 4 in Block 6 of the Townsite of Port Edwards, Village of Port Edwards, Wood County, Wisconsin.
(Tax Key No. 27-00150)

Parcel 51:
Lot 5 in Block 6 of the Townsite of Port Edwards, Village of Port Edwards, Wood County, Wisconsin.
(Tax Key No. 27-00151)

Parcel 52:
Lot 3 in Block 25B of the Fifth Addition to the Village of Port Edwards, Village of Port Edwards, Wood County, Wisconsin.
(Tax Key No. 27-00339C)

Parcel 53:
Lot 2 in Block 30 of the Port Edwards Village Plat of Third Addition, Village of Port Edwards, Wood County, Wisconsin.
(Tax Key No. 27-00369)

Parcel 54:
Lot 3 in Block 30 of the Port Edwards Village Plat of Third Addition, Village of Port Edwards, Wood County, Wisconsin.
(Tax Key No. 27-00370)

Parcel 55:
Lot 2 in Block 31 of the Port Edwards Village Plat of Third Addition, Village of Port Edwards, Wood County, Wisconsin.
(Tax Key No. 27-00373)

Parcel 56:
Lot 3 in Block 31 of the Port Edwards Village Plat of Third Addition, Village of Port Edwards, Wood County, Wisconsin.
(Tax Key No. 27-00374)

Parcel 57:
Lot 2 in Block 40 of the Port Edwards Village Plat of Third Addition, Village of Port Edwards, Wood County, Wisconsin.
(Tax Key No. 27-00479)

Parcel 58:
Lot 3 in Block 40 of the Port Edwards Village Plat of Third Addition, Village of Port Edwards, Wood County, Wisconsin.
(Tax Key No. 27-00480)

Parcel 59:
Lot 3 in Block 41 of the Port Edwards Village Plat of Third Addition, Village of Port Edwards, Wood County, Wisconsin.
(Tax Key No. 27-00484)

Parcel 60:
Lot 4 in Block 41 of the Port Edwards Village Plat of Third Addition, Village of Port Edwards, Wood County, Wisconsin.
(Tax Key No. 27-00485)

Parcel 61:
Lot 3 in Block 50 of the Port Edwards Village Plat of Third Addition, Village of Port Edwards, Wood County, Wisconsin.
(Tax Key No. 27-00537)

Parcel 62:
Lot 4 in Block 50 of the Port Edwards Village Plat of Third Addition, Village of Port Edwards, Wood County, Wisconsin.
(Tax Key No. 27-00538)

Parcel 63:
32 foot right of way from LaVigne Avenue to Ver Bunker Avenue lying East and adjacent to C & NW Railroad right of way in Blocks 30, 31, 40, 41 and 50, Port Edwards Village Plat of Third Addition, Village of Port Edwards, Wood County, Wisconsin.
(Tax Key No. 27-00540)

Parcel 64:
The South 300 feet of the East 1000 feet of the South Frl. ½ of the SW ¼ of Section 30, Township 22 North, Range 6 East, Village of Port Edwards, Wood County, Wisconsin.
(Tax Key No. 27-00542)

Parcel 79:
Railroad right of way as located in the S ½ of the SE ¼ of Section 34, Township 22 North, Range 5 East, Village of Port Edwards, Wood County, Wisconsin.
(Tax Key No. 27-00032D)

Parcel 84:
The NE frl. ¼ of the NE ¼ of Section 25, Township 22 North, Range 5 East, Village of Port Edwards, Wood County, Wisconsin, EXCEPT the North 300 feet thereof, AND FURTHER EXCEPTING Wood County Certified Survey Map Nos. 6868 and 6945 but including that part of Government Lot 8 lying Easterly of Wood County Certified Survey Map No. 6868.
(Tax Key No. 27-00588)

Parcel 89:
The North 33 feet of Lot 11 and all of Lot 12 of Block 53 of the Sixth Addition to the Village of Port Edwards, Village of Port Edwards, Wood County, Wisconsin.
(Tax Key No. 27-00642A)

Parcel 90:
Lot 9 of Block 54 of the Sixth Addition to the Village of Port Edwards, Village of Port Edwards, Wood County, Wisconsin, EXCEPT the Southerly 36 feet thereof.
(Tax Key No. 27-00659)

Parcel 91:
Lot 8 of Block 56 of the Sixth Addition to the Village of Port Edwards, Village of Port Edwards, Wood County, Wisconsin, EXCEPT beginning at the Southeast corner of said Lot, thence West to the Southwest corner, thence North 60 feet, thence East to the East lot line, thence Southeasterly to the point of beginning.
(Tax Key No. 27-00687)

Parcel 92:
Lot 1 of Wood County Certified Survey Map No. 5183, as recorded in Volume 18 of Survey Maps, page 83, being part of the SE ¼ of the SE ¼ of Section 35 and part of Government Lot 4 of Section 36, all in Township 22 North, Range 5 East, Village of Port Edwards, Wood County, Wisconsin.
(Tax Key No. 27-00074B)

Parcel 93:
Lot 2 of Wood County Certified Survey Map No. 5393, as recorded in Volume 18 of Survey Maps, page 293, being part of Government Lot 2 of Section 3, Township 21 North, Range 5 East and part of the SE ¼ of the SE ¼ of Section 34, Township 22 North, Range 5 East, Village of Port Edwards, Wood County, Wisconsin, including Outlot 1 of Wood County Certified Survey Map No. 5610, as recorded in Volume 19 of Survey Maps, Page 210.
(Tax Key No. 27-00092A)

Parcel 94:
Lot 2 of Block 25B of the Fifth Addition to the Village of Port Edwards, Village of Port Edwards, Wood County, Wisconsin.
(Tax Key No. 27-00339B)

Parcel 95:
Lot 5 of Block 25B of the Fifth Addition to the Village of Port Edwards, Village of Port Edwards, Wood County, Wisconsin.
(Tax Key No. 27-00339E)

Parcel 99:
The NE ¼ of the NE ¼ of Section 15, Township 21 North, Range 5 East, Town of Saratoga, Wood County, Wisconsin, EXCEPT the South 710 feet thereof.
(Tax Key No. 18-00820)

Parcel 100:
The SW ¼ of the SW ¼ of Section 11, Township 21 North, Range 5 East, Town of Saratoga, Wood County, Wisconsin, which is designated as Managed Forest Land.
(Tax Key No. 18-00686)

Parcel 101:
The NW ¼ of the SW ¼ of Section 11, Township 21 North, Range 5 East, Town of Saratoga, Wood County, Wisconsin.
(Tax Key No. 18-00685)

Parcel 105:
The SE ¼ of the SE ¼ of Section 10, Township 21 North, Range 5 East, Town of Saratoga, Wood County, Wisconsin, EXCEPT Wood County Certified Survey Map No. 4014.
(Tax Key No. 18-00669)

Parcel 110:
Lot 1 of Wood County Certified Survey Map No. 367 (Delbert & Vernon Weber's 1st Certified Survey Map), as recorded in Volume 2 of Survey Maps, page 67, being part of the SW ¼ of the SE ¼ of Section 2, Township 21 North, Range 5 East, Town of Saratoga, Wood County, Wisconsin, EXCEPT the North 33 feet for road purposes.

(Tax Key No. 18-00662A)

Parcel 111:
Lot 1 of Wood County Certified Survey Map No. 1317, as recorded in Volume 5 of Survey Maps, page 117, being part of the SW ¼ of the SE ¼ of Section 2 and the NW ¼ of the NE ¼ of Section 11, all in Township 21 North, Range 5 East, Town of Saratoga, Wood County, Wisconsin.
(Tax Key No. 18-00662)

Parcel 114:
Parcel E of Wood County Certified Survey Map No. 1094, as recorded in Volume 4 of Survey Maps, page 194, being part of Government Lot 9 and the SE ¼ of the SW ¼ of Section 2, and part of Government Lot 1 and the NE ¼ of the NW ¼ of Section 11, all in Township 21 North, Range 5 East, Town of Saratoga, Wood County, Wisconsin.
(Tax Key No. 18-00658A)

Parcel 120:
Government Lot 5 of Section 2, Township 21 North, Range 5 East, Town of Saratoga, Wood County, Wisconsin, EXCEPT the Northerly 100 feet lying adjacent to River AND FURTHER EXCEPTING Wood County Certified Survey Map Nos. 1093 and 1387.
(Tax Key No. 18-00655)

Parcel 135:
The West 100 feet of that part of Government Lot 3 lying Easterly of Chicago & Northwestern Railroad right of way in Section 3, Township 21 North, Range 5 East, City of Nekoosa, Wood County, Wisconsin.
(Tax Key No. 30-00003)

Parcel 137:
That part of Government Lot 3 lying West of highway and Easterly of a line that is 100 feet Easterly of and parallel with the railroad right of way and North of Town Road in Section 3, Township 21 North, Range 5 East, City of Nekoosa, Wood County, Wisconsin.
(Tax Key No. 30-00002-1)

Parcel 138:
The NE ¼ of the SW ¼ of Section 3, Township 21 North, Range 5 East, City of Nekoosa, Wood County, Wisconsin.
(Tax Key No. 30-00006)

Parcel 139:
The NW ¼ of the SW ¼ of Section 3, Township 21 North, Range 5 East, City of Nekoosa, Wood County, Wisconsin.
(Tax Key No. 30-00007)

Parcel 140:
The SE ¼ of the SW ¼ of Section 3, Township 21 North, Range 5 East, City of Nekoosa, Wood County, Wisconsin, EXCEPT the South 60 feet thereof.
(Tax Key No. 30-00015)

Parcel 142:

That part of Government Lot 4 lying West of railroad right-of-way in Section 3, Township 21 North, Range 5 East, City of Nekoosa, Wood County, Wisconsin.
(Tax Key No. 30-00017)

Parcel 143:
That part of Government Lots 4 and 5 in Section 3, Township 21 North, Range 5 East, City of Nekoosa, Wood County, Wisconsin, described as follows: Commencing at a point 722 feet East and 149 feet South of the Northwest corner of said Government Lot 4, thence South 314 feet, thence East 493.36 feet to the highway, thence North 314.96 feet, thence West 465.4 feet to the point of beginning.

AND Lots 4, 5 and 6 of Block 49;

Lots 1, 2 and 3 of Block 50;

Lots 1, 2, 3 and 4 of Block 51;

Lots 1, 2, 3 and 4 of Block 32;

Lot 1 of Block 33;

Lot 1 of Block 34;

Lots 1, 2, 3 and 4 of Block 35;

All of Block 38;

Lots 1, 2, 3 and 4 of Block 39;

All of Block 40 EXCEPT the West 100 feet thereof;

Lots 1 and 6 of Block 41;

Lots 1, 2, 3, 4, 5, 6, 7 and 8 of Block 42;

Lots 1, 2, 3, 4, 5, 6, 7 and 8 of Block 45;

Lots 1 and 6 of Block 46;

Lot 1 and 6 of Block 47;

Lots 1, 2, 3, 4, 5, 6, 7 and 8 of Block 48;

Lots 1 and 6, Block 52;

All in Nekoosa Paper Co.'s Addition to the Village (now City) of Nekoosa, Wood County, Wisconsin, EXCEPT streets.
(Tax Key No. 30-00018)

Parcel 145:

That part of Government Lot 5 lying Westerly of railroad right of way and Northerly of 9th Street in Section 3, Township 21 North, Range 5 East, City of Nekoosa, Wood County, Wisconsin. (Tax Key No. 30-00020)

Parcel 146:
That part of Government Lot 5 lying Westerly of railroad right of way and Southerly of 9th Street in Section 3, Township 21 North, Range 5 East, City of Nekoosa, Wood County, Wisconsin. (Tax Key No. 30-00021)

Parcel 147:
That part of Government Lot 5 lying East of railroad right of way, West of Patton Avenue and South of the South line of the alley in Blocks 32 and 33 of Nekoosa-Paper Co.'s Addition, in Section 3, Township 21 North, Range 5 East, City of Nekoosa, Wood County, Wisconsin. (Tax Key No. 30-00022)

Parcel 148:
Outlots 1-A, 2-A and 3-A of Wood County Certified Survey Map No. 2965, as recorded in Volume 10 of Survey Maps, page 265, being part of the NE ¼ of the SE ¼ of Section 9, Township 21 North, Range 5 East, City of Nekoosa, Wood County, Wisconsin. (Tax Key No. 30-00103A)

Parcel 150:
That part of Government Lots 6 and 7 lying Easterly of Chicago & Northwestern Railroad right of way, Northerly of the map of Nekoosa and Westerly of Nekoosa Paper Co.'s Addition to the Village (now City) of Nekoosa in Section 10, Township 21 North, Range 5 East, City of Nekoosa, Wood County, Wisconsin, EXCEPT Wood County Certified Survey Map No. 2145, AND FURTHER EXCEPTING that part of the railroad right of way 100 feet in width between the North line of Market Street and the North line of 1st Street and Parcel B of Wood County Certified Survey Map No. 2145.
(Tax Key No. 30-00148)

Parcel 151:
That part of Government Lots 5 and 6 and SE ¼ of the NW ¼ lying Easterly of Point Basse Avenue and South of the South line of Alley of Blocks 3, 4, 5 and 6 of Nekoosa and Southwest of highway as vacated in Volume 359 of Mis. Records, page 611, located in Section 10, Township 21 North, Range 5 East, City of Nekoosa, Wood County, Wisconsin;
AND INCLUDING the East 6 feet of Point Basse Avenue;
AND Lots 1 thru 8, Block 3;
Lots 1 thru 8, Block 4;
Lots 1 thru 8, Block 5;
Lots 4 thru 8, Block 6;
AND vacated streets between Blocks 3 and 4, Blocks 4 and 5, and Blocks 5 and 6, and vacated alley on the South side;
ALL of Nekoosa, City of Nekoosa Wood County, Wisconsin (Tax Key No. 30-00150);

EXCEPTING THEREFROM the following described property:

AREA SOUTH AND EAST OF FERC LINE IN VICINITY OF NEKOOSA MILL

All that part of Government Lot 5, Section 10, T21N, R5E, City of Nekoosa, Wood County, Wisconsin, lying South and East of the following described line, said line being defined as the FERC line lying within said Government Lot 5, and being more particularly described as follows:

COMMENCING at the West Quarter corner of said Section 10, T21N, R5E;

THENCE S 00°24'27" E, along the west line said Section 10, 1321.36 feet to the southwest corner of Government Lot 5 of said Section 10;

THENCE N 89°17' 16" E, along the south line of said Government Lot 5, 1322.87 feet to a point on the FERC line and the POINT OF BEGINNING;

THENCE with said FERC line the following 18 courses:

1. N 02°52' 41" E, 82.55 feet;
2. N 11°13' 00" E, 157.37 feet;
3. N 31°13' 10" E, 349.17 feet to a building wall;
4. N 55°30' 56" E, 232.05 feet to a building corner;
5. N 58°36' 07" E, along a building wall, 424.35 feet to a building corner;
6. S 30°35' 14" E, along a building wall,22.28 feet to a building corner;
7. N 57°11' 34" E, along a building wall, 14.71 feet to a building corner;
8. S 31°44' 09" E, along a building wall, 142.91 feet to a building corner;
9. N 57°25' 30" E, 97.67 feet;
10. N 32° 34' 30" W, 139.64 feet;
11. N 57°25' 30" E, 13.92 feet;
12. N 31°23' 29" W, 39.78 feet to a building wall;
13. N 58°36' 31" E, along a building wall, 323.64 feet to a building corner;
14. S 86°27' 18" E, 70.02 feet to a building corner;
15. N 61°57' 37" E, 166.47 feet;
16. N 76°14' 42" E, 150.41 feet;
17. N 82°00' 39" E, 597.51 feet;
18. N 55°28' 47" E to the north line of said Government Lot 5.

Parcel 153:
Lot 2 of Wood County Certified Survey Map No. 5307, as recorded in Volume 18 of Survey Maps, page 207, being part of the SW ¼ of the NW ¼ of Section 10, Township 21 North, Range 5 East, City of Nekoosa, Wood County, Wisconsin.
(Tax Key No. 30-00163B)

Parcel 155:
Lot A and Lot 14 in Block 1 of Nekoosa, City of Nekoosa, Wood County, Wisconsin.
(Tax Key No. 30-00194)

Parcel 156:
Lot 9 in Block 2 of Nekoosa, City of Nekoosa, Wood County, Wisconsin.
(Tax Key No. 30-00217)

Parcel 157:
Lot 11 in Block 12 of Nekoosa, City of Nekoosa, Wood County, Wisconsin.
(Tax Key No. 30-00303)

Parcel 158:
The N ½ of Lots 5 and 6, Block 13; and commencing at the Northeast corner of said Lot 6, thence North 66 feet, thence West 212.90 feet, thence South 66 feet to the Northwest corner of Lot 4, thence East to the point of beginning, all in Nekoosa, City of Nekoosa, Wood County, Wisconsin.
(Tax Key No. 30-00313)

Parcel 159:
Lots 1, 2 and 3 of Block 20 of Nekoosa, City of Nekoosa, Wood County, Wisconsin, AND commencing at the Northeast corner of said Lot 1, thence North 16 feet, thence West 210.90 feet, thence South 16 feet to the Northwest corner of said Lot 3, thence East to the point of beginning.
(Tax Key No. 30-00351)

Parcel 160:
Lots 4 and 5 in Block 27 of Nekoosa Paper Co.'s Addition, City of Nekoosa, Wood County, Wisconsin.
(Tax Key No. 30-00417)

Parcel 161:
Lots 1, 2, 3 and 4 in Block 28 of Nekoosa Paper Co.'s Addition, City of Nekoosa, Wood County, Wisconsin.
(Tax Key No. 30-00425)

Parcel 162:
Lot 5 in Block 56 of Nekoosa Paper Co.'s Addition, City of Nekoosa, Wood County, Wisconsin.
(Tax Key No. 30-00565)

Parcel 163:
The North 200 feet of the East 54 feet of Lot 2 in Block 59 of Nekoosa Paper Co.'s Addition, City of Nekoosa, Wood County, Wisconsin.
(Tax Key No. 30-00589)

Parcel 164:
Lot 3 in Block 56 of Nekoosa Paper Co.'s Addition, City of Nekoosa, Wood County, Wisconsin.
(Tax Key No. 30-00563)

Parcel 165:
Lots 1, 2, 3, 4, 5, 11 and 12 in Block 2 of Nekoosa, City of Nekoosa, Wood County, Wisconsin.
(Tax Key No. 30-00209)

Parcel 166:
Lot 4 and the W ½ of Lot 3 in Block 1 of Nekoosa, City of Nekoosa, Wood County, Wisconsin.
(Tax Key No. 30-00198)

Parcel 167:
Lot 3 of Wood County Certified Survey Map No. 4313, as recorded in Volume 15 of Survey Maps, page 113, and Lot 1 of Wood County Certified Survey Map No. 5426, as recorded in Volume 19 of Survey Maps, page 26, EXCEPT Outlot 1 of Wood County Certified Survey Map No. 4482, all being part of the SE ¼ of the NW ¼ of Section 10, Township 21 North, Range 5 East;

AND INCLUDING all that part of Block 53 of Nekoosa Paper Co.'s Addition West of Garrison Street;
AND Lot 6 Block 56 of the Nekoosa Paper Co.'s Addition;
AND Commencing at the Northeast corner of said Lot 6, thence North 33 feet, thence East 132 feet, thence North 33 feet, thence West 264 feet, thence South 66 feet, thence East 132 feet to the point of beginning.
All in the City of Nekoosa, Wood County, Wisconsin.
(Tax Key No. 30-00151B)

Parcel 168:
That part of Lot 1 Block 59 of Nekoosa Paper Co.'s Addition, City of Nekoosa, Wood County, Wisconsin described as follows: Commencing on the West line of Point Basse Avenue 68 feet Northerly of the Southeast corner, thence Northeasterly 146.85 feet to the Northeast corner, thence Westerly 254.5 feet, thence South 200 feet to the Southwest corner, thence East 84.7 feet, thence Northeasterly 118.6 feet, thence Southeasterly 105 feet to the point of beginning. AND the South 200 feet of Lot 2 and all of Lots 12 and 13 of Nekoosa Paper Co.'s Addition, City of Nekoosa, Wood County, Wisconsin, EXCEPT the West 112 feet thereof, AND EXCEPT for street.
(Tax Key No. 30-00585)

Parcel 169:
Lot 1 of Wood County Certified Survey Map No. 6999, as recorded in Volume 24 of Survey Maps, page 99, being part of the railroad right of way in the NE ¼ of the SE ¼ in Section 35 and Government Lot 3 in Section 36, in Township 22 North, Range 5 East, Village of Port Edwards, Wood County, Wisconsin.
(Tax Key No. 27-00071A)

Parcel 170:
Lot 2 of Wood County Certified Survey Map No. 6999, as recorded in Volume 24 of Survey Maps, page 99, being part of the railroad right of way in the NE ¼ of the SE ¼ and the SE ¼ of the SE ¼ of Section 35, Township 22 North, Range 5 East, Village of Port Edwards, Wood County, Wisconsin.
(Tax Key No. 27-00071B)

Parcel 173 (part):
Parcel D of Wood County Certified Survey Map No. 1093, as recorded in Volume 4 of Survey Maps, page 193 and Parcel F of Wood County Certified Survey Map No. 1387, as recorded in Volume 5 of Survey Maps, page 187, being all of Government Lot 4 and the NE ¼ of the SW ¼ and parts of Government Lots 5, 8 and 9 and the SE ¼ of the SW ¼ of Section 2, Township 21 North, Range 5 East, Town of Saratoga, Wood County, Wisconsin.
(Tax Key No. 18-00652)

EXCEPTING THEREFROM the property described below:

AREA NORTH AND WEST OF FERC LINE IN VICINITY OF WASTEWATER FACILITY

All of Government Lot 1, Section 3, T21N, R5E, that part of Government Lots 4, 5, 6, 8 and 9, and the Northwest Quarter of the Southeast Quarter, Section 2, T21N, R5E, and that part of Government Lot 1, Section 11, T21N, R5E, Town of Saratoga, Wood County, Wisconsin, lying

to the left of the following described line, said line being defined as the FERC line lying within said Government Lots, and being more particularly described as follows:

BEGINNING at a point on the South line of Government Lot 1, Section 11, T21N, R5E, said point being 1200 feet west of the southeast corner of said Government Lot 1;

THENCE Easterly, along the said South line of Government Lot 1, a distance of 300 feet;

THENCE Northerly, parallel with and 900 feet westerly, as measured perpendicular to, the east line of said Government Lot 1 to a point on the common line between said Government Lot 1, Section 11, T21N, R5E, and Government Lot 9, Section 2, T21N, R5E;

THENCE Northerly, parallel with and 900 feet westerly, as measured perpendicular to, the east line of Government Lots 9 and 8 of said Section 2 to a point on the common line between Government Lot 8 and Government Lot 4 of said Section 2;

THENCE Westerly, along the common Line between said Government Lots 8 and 4 to the southwest corner of said Government Lot 4, Section 2, T21N, R5E, said point being on the easterly line of Government Lot 1, Section 3, T21N, R5E;

THENCE Northerly, along the common line between said Government Lots to a point 100 foot southerly of south bank of the Wisconsin River;

THENCE Easterly, 100 foot southerly of and parallel with the meanders of the south bank of the Wisconsin River to its confluence with Harvey Creek;

THENCE Southeasterly, 100 foot southwesterly of and parallel with the meanders of the westerly bank of Harvey Creek to the East line of the Northwest Quarter of Southeast Quarter of said Section 2, T21N, R5E.

Parcel 175:
That part of Government Lot 6 lying South of the South line of the alley South of Blocks 7 and 8 of Nekoosa and Northeasterly of the highway and Westerly of Prospect Avenue, in Section 10, Township 21 North, Range 5 East, City of Nekoosa, Wood County, Wisconsin, EXCEPT Commencing at the intersection of the South line of Market Street and the East line of Prospect Avenue, thence Southerly along Prospect Avenue to its intersection with the public alley, thence West to a line which is the ext between Lots 4 & 5, thence North to the South line of the public alley, thence East to the point of beginning.
(Tax Key No. 30-00149)

Parcel 176:
Parcel A of Wood County Certified Survey Map No. 1914, as recorded in Volume 7 of Survey Maps, page 114, being part of Government Lot 6 and the SE ¼ of the NW ¼ of Section 10, Township 21 North, Range 5 East, City of Nekoosa, Wood County, Wisconsin.
(Tax Key No. 30-00149B)

Parcel 177:
Lot 1 of Wood County Certified Survey Map No. 1294, as recorded in Volume 5 of Survey Maps, page 94, being Lots 1 and 2 and part of Lot 3, Block 1 of Nekoosa, City of Nekoosa, Wood County, Wisconsin.

(Tax Key No. 30-00195)

Parcel 178:
Lot 5, Block 1 of Nekoosa, City of Nekoosa, Wood County, Wisconsin.
(Tax Key No. 30-00199)

Parcel 179:
Lot 3, Block 13 of Nekoosa, City of Nekoosa, Wood County, Wisconsin, EXCEPT the East 60 feet thereof.
(Tax Key No. 30-00311)

Parcel 180:
Lot 4, Block 13 of Nekoosa, City of Nekoosa, Wood County, Wisconsin.
(Tax Key No. 30-00312)

Parcel 191:
The NE ¼ of the SW ¼ of Section 11, Township 21 North, Range 5 East, Town of Saratoga, Wood County, Wisconsin.
(Tax Key No. 18-00684)

Parcel 192:
The SE ¼ of the SW ¼ of Section 11, Township 21 North, Range 5 East, Town of Saratoga, Wood County, Wisconsin, EXCEPT THE FOLLOWING DESCRIBED PARCELS OF LAND: Commencing at the Northeast corner of a piece or parcel of land in the NW ¼ of the NW ¼ of Section 14-21-5 East, which was conveyed to Elmer H. Zuelke and Selda Suelke, husband and wife, by Warranty Deed recorded in Volume 288 of Deeds, page 548, Document No. 408331 (more particularly described as follows: Commencing at the Northeast corner of said forty, run thence S 00 degrees 07' 43" East on the East line thereof a distance of 50 feet, thence N 89 degrees 48' 25" West on a line parallel to the North line of said forty a distance of 24.75 feet to the point of beginning; from said point of beginning continue to run N 89 degrees 48' 25" West on a line parallel to the North line of said forty a distance of 102.56 feet, thence S 00 degrees 07' 43" East on a line parallel to the East line of said forty a distance of 200 feet, thence S 89 degrees 48' 25" East on a line parallel to the North line of said forty 102.56 feet, thence N 00 degrees 07' 43" West on a line parallel to the East line of said forty a distance of 200 feet to the point of beginning); thence S 89 degrees 57.98' East a distance of 24.75 feet, thence N 0 degrees 17.28' West a distance of 51.45 feet, thence S 89 degrees 59.33' East a distance of 853.46 feet, thence N 0 degrees 00.67' East a distance of 70 feet to the point of beginning of the piece or parcel hereby conveyed which point is marked by a 2 inch pipe with a cap; from said point of beginning thence N 0 degrees 00.67' East a distance of 250 feet, thence S 89 degrees 59.33' East a distance of 300 feet, thence S 0 degrees 00.67' West a distance of 250 feet, thence N 89 degrees 59.33' West a distance of 300 feet to the point of beginning. **Said parcel is referred to as 1960 Parcel.** AND FURTHER EXCEPTING A piece or parcel of land, **referred to as Parcel A,** in the SE ¼ of the SW ¼ of Section 11, Township 21 North, Range 5 East, described as follows: Commencing at the Northeast corner of a piece or parcel of land in the NW ¼ of the NW ¼ of Section 14, Township 21 North, Range 5 East, which was conveyed to Elmer H. Zuelke and Selda Suelke, husband and wife, by Warranty Deed recorded in Volume 288 of Deeds, page 548, Document No. 408331 (more particularly described as follows: Commencing at the Northeast corner of said forty, run thence S 00 degrees 07' 43" East on the East line thereof a distance of 50 feet, thence N 89 degrees 48' 25" West on a line parallel to the North line of said forty a distance of 24.75 feet to the point of beginning; from said point of beginning continue to run N 89 degrees 48' 25" West

on a line parallel to the North line of said forty a distance of 102.56 feet, thence S 00 degrees 07' 43" East on a line parallel to the East line of said forty a distance of 200 feet, thence S 89 degrees 48' 25" East on a line parallel to the North line of said forty 102.56 feet, thence N 00 degrees 07' 43" West on a line parallel to the East line of said forty a distance of 200 feet to the point of beginning); thence S 89 degrees 57.98' East a distance of 24.75 feet, thence N 0 degrees 17.28' West a distance of 51.45 feet, thence S 89 degrees 59.33' East a distance of 853.46 feet, thence N 0 degrees 00.67' East a distance of 70 feet to a point marked by a 2 inch pipe with cap, which point is the Southwest corner of the above described parcel herein referred to as 1960 Parcel; thence continue N 0 degrees 00.67' East along the West line of said 1960 Parcel a distance of 30 feet to the point of beginning of this Parcel A, which point is marked by a 2 inch pipe. From said point of beginning continue N 0 degrees 00.67' East along the West line of said 1960 Parcel a distance of 220 feet to the Northwest corner of said 1960 Parcel, which is marked by a 2 inch pipe with cap, thence N 89 degrees 59.33' West a distance of 50 feet, thence S 0 degrees 00.67' West a distance of 219.62 feet to a point on the North right-of-way line of State Trunk Highway 73, thence in an Easterly direction along the curved North right-of-way line of said highway a distance of 50.01 feet to the point of beginning. (Tax Key No. 18-00687)

Parcel 202:
Lot 6, Block 25B, Fifth Addition to the Village of Port Edwards, Wood County, Wisconsin. (Tax Key No. 27-00339F)

Parcel 203:
Those parts of Government Lot 3 in Section 36, Township 22 North, Range 5 East, Village of Port Edwards, Wood County, Wisconsin, more particularly described as follows:
Commencing at a point on the South line of said Government Lot 3 where said line intersects with the Section line between Sections 35 and 36, same Township and Range; run thence North 232 feet (more or less) on said Section line to the intersection with the Northerly line of Edwards Avenue, for a starting point; from said starting point run thence in a Southeasterly direction on the Northerly line of Edwards Avenue, 293 feet (more or less), to the intersection with the West line of the Chicago & Northwestern Railway Company's right of way; run thence North, on the West line of said Railroad right-of-way, 310 feet (more or less); run thence West 11 degrees North to the East line of Minneapolis, St. Paul & Sault Ste. Marie Railroad Company's right-of-way approximately 270 feet (more or less); thence South on said Railroad right-of-way 45 feet (more or less), to its intersection with the Section line between said Sections 35 and 36; run thence South on said Section line approximately 198 feet (more or less) to the starting point.
AND
Beginning at a point on the West line of the Chicago & Northwestern Railway Company's right-of-way 310 feet (more or less) North of the point of intersection of the West line of said Railroad right-of-way with the Northerly line of Edwards Avenue; run thence West 11 degrees North, approximately 135 feet (more or less); run thence in a Northeasterly direction to a point where the South line of Market Avenue intersects with the West line of the Chicago & Northwestern Railway Company's right-of-way; run thence South on the West line of said Railroad right-of-way to the place of beginning.
AND
Part of the NE ¼ of the SE ¼ of Section 35, Township 22 North, Range 5 East, Village of Port Edwards, Wood County, Wisconsin, more particularly described as follows:
Commencing at the Southeast corner of the NE ¼ of the SE ¼ of Section 35, Township 22 North, Range 5 East; run thence North 232 feet (more or less) on the East Section line of said Section 35 to the intersection with the Northerly line of Edwards Avenue, for a starting point; from said starting point run thence in a Northwesterly direction on the Northerly line of Edwards Avenue to

the intersection with the East line of Minneapolis, St. Paul & Sault Ste. Marie Railroad Company's right-of-way; run thence Northeasterly on said Railroad right-of-way, to its intersection with the East Section line of said Section 35; run thence South on said Section line to the starting point. Intending to describe a piece or parcel of land in the Village of Port Edwards lying East of Minneapolis, St. Paul & Sault Ste. Marie Railroad Company's right-of-way, North of Edwards Avenue, and West of the East Section line of Section 35, Township 22 North, Range 5 East.
(Tax Key No. 27-00079A)

Easements Nos. 1 - 22

Easement No. 1:
NEPCO LAKE WATER LINE EASEMENT

The right to construct and operate a subsurface water pipe line in and across the public highways in the Town of Saratoga, Wood County, Wisconsin:

In the
SE ¼ of the SE ¼ of Section 2;
The SW ¼ of the SE ¼ of Section 2;
The NW ¼ of the NE ¼ and the NW ¼ of the SW ¼ of Section 11;
And the NE ¼ of the SE ¼ of Section 10;
ALL LOCATED IN TOWNSHIP 21 NORTH, RANGE 5 EAST.

Running North and South on the line of Section 31, Township 22 North, Range 6 East, and Section 36, Township 22 North, Range 5 East.

The right to construct and maintain perpetually a pipe line for the purpose of carrying water across the following described lands to-wit:

Diagonally across the West 5 acres of the SE ¼ of the NW ¼ of Section 11;

The East 5 acres of the West 10 acres of the SE ¼ of the NW ¼ of Section 11;

Diagonally across the East 10 acres of the West 20 acres of the SE ¼ of the NW ¼ of Section 11;

Diagonally across the West 5 acres of the East 20 acres of the SE ¼ of the NW ¼ of Section 11;

Diagonally across the North end of the East 15 acres of the SE ¼ of the NW ¼ of Section 11;

Diagonally across the Southeast corner (a distance of approximately 40 feet in length) of the NE ¼ of the SW ¼ of Section 11;

Diagonally across the SW ¼ of the SE ¼ of Section 2;

Diagonally across the NW ¼ of the NE ¼ of Section 11;

ALL LOCATED IN TOWNSHIP 21 NORTH, RANGE 5 EAST.

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Easement No. 2:
Easement to operate and maintain a segment of an intermill track upon, across and over the surface property described as:

Part of Government Lot 2, Section 3, Township 21 North, Range 5 East and part of the SW ¼ of the SE1/4 and the SE ¼ of the SE ¼ of Section 34, Township 22 North, Range 5 East, Village of Port Edwards, Wood County, Wisconsin;

Commencing at the inaccessible Southeast corner of Section 34;

Thence N 01 degrees 16' 12" East along the East section line 1007.50 feet;

Thence S 89 degrees 09' 50" West, 60.00 feet to an iron rod stake on the West line of Wisconsin State Trunk Highway 73 and the point of beginning of the following description;

From said point of beginning Southwesterly 179.63 feet along the arc of a circular curve concave to the Southeast which has a radius of 781.06 feet and a central angle of 13 degrees 10' 38" to an iron rod stake measured by a chord of 179.24 feet which bears S 73 degrees 52' 23" West;

Thence N 22 degrees 42' 56" West, 37.00 feet to an iron rod stake on the arc of a circular curve concave to the Southeast which has a radius of 818.06 feet and a central angle of 37 degrees 24' 14";

Thence Southwesterly 534.05 feet along the arc of said curve to an iron pipe stake measured by a chord of 524.61 feet which bears S 48 degrees 34' 57" West;

Thence S 29 degrees 52' 50" West, 1330.88 feet to an iron pipe stake;

Thence S 60 degrees 07' 10" East, 37.00 feet to an iron pipe stake;

Thence N 29 degrees 52' 50" East, 307.79 feet to an iron pipe stake;

Thence S 62 degrees 13' 10" East, 36.66 feet to an iron pipe stake on the arc of a circular curve concave to the East on the Westerly line of Wisconsin State Trunk Highway 73;

Said curve has a radius of 1532.39 feet and a central angle of 22 degrees 19' 44";

Thence Southwesterly along the West line of said highway 597.19 feet to an iron rod stake measured as a chord of 593.42 feet which bears S 22 degrees 05' 09" West;

Thence N 60 degrees 07' 10" West, 155.35 feet to an iron rod stake;

Thence N 24 degrees 22' 50" East, 397.99 feet to an iron rod stake on the arc of a circular curve concave to the West which has a radius of 1004.93 feet and a central angle of 14 degrees 07' 16";

Thence Northeasterly 247.68 feet along the arc of said curve to an iron rod stake measured by a chord of 247.05 feet which bears N 17 degrees 19' 12" East;

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Thence N 10 degrees 15' 34" East, 26.48 feet to an iron rod stake;

Thence N 29 degrees 52' 50" East, 1015.04 feet to an iron rod stake at the beginning of a circular arc concave to the Southeast which has a radius of 837.86 feet and a central angle of 55 degrees 54' 49";

Thence Northeasterly 817.65 feet to an iron rod stake on the Westerly line of the aforesaid Highway 73 which is measured by a chord of 785.59 feet which bears N 57 degrees 50' 14.5" East;

Thence S 00 degrees 59' 53" West along the Westerly line of said Highway 73, 106.00 feet to an iron rod stake;

Thence S 89 degrees 03' 24" West continuing along said highway 27.08 feet to a steel right of way channel;

Thence S 01 degrees 25' 50" West continuing along said highway 58.49 feet to the point of beginning.

And to share the at-grade railroad crossing of Wisconsin Central Ltd.'s and the Tracks with Wisconsin STH 73 as designated in Wood County Certified Survey Map No. 5422 recorded in Volume 19 of Survey Maps, on page 22, as Document No. 759300.

Easement No. 3:
A perpetual easement to construct, replace, repair, maintain and operate an electric power transmission or distribution line(s) or system, and to cut and trim trees and shrubbery to the extent necessary to keep them clear of said electric power line(s) or system, over and across the following described land located in the City of Nekoosa, Wood County, Wisconsin, to-wit:

Part of the NE ¼ of the NW ¼, part of Government Lot 7, and part of the SE ¼ of the NW ¼ in Section 10, Township 21 North, Range 5 East in the City of Nekoosa, Wood County, Wisconsin.

Beginning at an iron rod stake which is S 03 degrees 45' 22" East, 73.68 feet from the iron pipe stake on the East line of Lot 2 of Wood County Certified Survey Map No. 2295 at its intersection with the Northerly right of way line of the abandoned Wisconsin Central Ltd. Railway;

Thence S 03 degrees 45' 22" West, 71.57 feet to an iron rod stake;

Thence S 53 degrees 12' 26" West, 606.29 feet to an iron rod stake on the East line of Garrison Street;

Thence N 00 degrees 41' 07" West along the East line of Garrison Street 74.27 feet;

Continued...

Thence N 53 degrees 12' 26" East, 601.55 feet to the point of beginning, containing 36,235 square feet. The same being a 60-foot wide description of an easement for an aerial electric power line of lines.

Easement No. 4:
An easement area to construct, repair, relocate, replace, maintain and operate an electric transmission or distribution line or system over the following described real estate situated in Wood County, Wisconsin, to-wit:

Outlot 1 of Wood County Certified Survey Map No. 3971, as recorded in Volume 14 of Survey Maps, page 71, all in Government Lots 2 and 3, Section 36, Township 22 North, Range 5 East, Village of Port Edwards, Wood County, Wisconsin.

Easement No. 5:
An easement to construct, repair, maintain and operate an electric power transmission or distribution line or system, and to cut and trim trees and shrubbery to the extent necessary to keep them clear of said electric power line or system, over and across the following described land located in the City of Nekoosa, Wood County, Wisconsin, to-wit:

A strip of land 28 feet in width parallel to the West line of Lot 9, Block 2 of the Original Plat of the Village (now City) of Nekoosa according to the recorded plat thereof, the West line of said strip being the center line of Point Basse Avenue as platted and the East line being a line which is parallel to and 5 feet distance from the West line of said Lot 9, all as shown on the drawing attached hereto as Exhibt A which is made a part hereof. This easement is subject to any prior easements, including those for public streets and alleys.

Easement No. 6:
Road easement over existing roads located over all property identified on Exhibit B attached EXCEPT any said property located in Section 30 [illegible] East; Section 4, Township 21 North, Range 6 East; or Section 11, [illegible] East; all in Wood County, Wisconsin.

Easement No. 7:
A perpetual easement for the construction, location, installation, operation, maintenance, repair and replacement of an underground water line over, under and upon the South 720 feet of the W ½ of the NE ¼ of the NE ¼; the South 660 feet of the East 660 feet of Government Lot 4; and the SW ¼ of the NE ¼, all in Section 1, Township 21 North, Range 5 East, Wood County, Wisconsin.

Easement No. 8:
Road easement over existing roads located in the SE ¼ of the NE ¼, Section 1, Township 21 North, Range 5 East, Wood County, Wisconsin.

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Easement No. 9:
A perpetual easement for the construction, location, installation, operation, maintenance, repair and replacement of an overhead power line over and upon the South 720 feet of the W ½ of the NE ¼ of the NE ¼; the South 660 feet of the East 660 feet of Government Lot 4; the SW ¼ of the NE ¼; and the SE ¼ of the NE ¼, all in Section 1, Township 21 North, Range 5 East, Wood County, Wisconsin.

Easement No. 10:
Reservation of the use of all water power, water flowage and dam privileges forever of or pertaining to a tract or parcel of land in Government Lot 3, Section 25, Township 22 North, Range 5 East, more particularly described as follows:
For the point of beginning of said parcel, extend the common lot line between Lots 11 and 12 of Block 53 of the Sixth Addition to the Townsite (now Village) of Port Edwards according to the recorded plat thereof, in a Northeasterly direction a distance of 100 feet from the Northeast corner of said Lot 11, said point of beginning (designated Station 1) being where said extended line intersects the East right-of-way line of State Trunk Highway 73 (also known at State Trunk Highway 54 and Wisconsin River Avenue) as the same now traverses said Government Lot 3.
For the Southern boundary of said parcel, start at the point of beginning (Station 1) and continue in a Northeasterly direction along the same line described in the sentence above further extended a distance of 114 feet to a point (designated Station 2) on the West bank of the Wisconsin River.
For the Western, Northern and Eastern boundaries of said parcel, start at the point of beginning (Station 1) and proceed in a Northwesterly and Northerly direction along the East right-of-way line of said State Trunk Highway 73 a distance of 350 feet to a point (designated Station 3); thence in a Northeasterly direction on a line parallel to the Southern boundary of said parcel a distance of 21 feet to a point (designated Station 4) on the West bank of the Wisconsin River; thence in a Southeasterly and Southerly direction on a line which follows along the West bank of the Wisconsin River a distance of approximately 440 feet to the point designated above as Station 2.

Easement No. 11:
Reservation of the use of all water power, water flowage and dam privileges forever of or pertaining to a tract or parcel of land in Government Lots 2 and 3, Section 25, Township 22 North, Range 5 East, more particularly described as follows:
Commencing at the Southeast corner of Block 63 of the Seventh Addition to the Village of Port Edwards according to the recorded plat thereof, thence S 84 degrees 25' E (recorded in the plat of said Seventh Addition as S 84 degrees 21' E) along the prolongation of the Southerly line of said Block 63, 100.00 feet to the point of beginning of this description, which point is on the Easterly right-of-way line of Wisconsin River Drive (also known as State Trunk Highways 54 and 73). From said point of beginning thence continue S 84 degrees 25' E, 111.05 feet; thence S 5 degrees 09' W, 49.77 feet; thence S 8 degrees 28' E, 51.93 feet; thence S 12 degrees 04' E, 53.90 feet; thence S 2 degrees 49' E, 29.43 feet; thence S 46 degrees 27' W, 26.54 feet; thence S 68 degrees 16' W, 53.90 feet; thence S 47 degrees 31' W, 33.08 feet; thence S 42 degrees 28' W, 63.20 feet; thence S 32 degrees 45' W, 21.42 feet to the Easterly right of way line of said Wisconsin River Drive; thence Northeasterly along the curved line of the Easterly right-of-way line of said Wisconsin River Drive whose chord bears N 3 degrees 27' E, 219.43 feet to the beginning of said curve; thence N 4 degrees 45' E along the Easterly right-of-way line of said Wisconsin River Drive, 99.96 feet to the point of beginning.

Easement No. 12:
Reservation of the use of all water power, water flowage and dam privileges forever of or pertaining to a tract or parcel of land in Government Lot 4, Section 25, Township 22 North, Range 5 East, more particularly described as follows:
Commencing at the Northeast corner of Lot 8, Block 51 of the Sixth Addition to the Village of Port Edwards according to the recorded plat thereof, which corner is on the Westerly right-of-way line of Wisconsin River Drive, also known as State Trunk Highways 54 and 73 (herein referred to as "Drive"), marked by an iron pipe driven in the ground; thence N 57 degrees 22' E at right angles to the Westerly right-of-way line of said Drive, 100.00 feet to a point on the Easterly right-of-way line of said Drive marked by an iron pipe driven in the ground, which is the point of beginning of this description. From said point of beginning, thence S 32 degrees 38' E along the Easterly right-of-way line of said Drive, 46.90 feet to a point marked by an iron pipe driven in the ground; thence S 89 degrees 29' 20" E, 180.00 feet to a point marked by an iron pipe driven in the ground; thence N 00 degrees 30' 40" E, 42.15 feet to a point marked by an iron pipe driven in the ground; thence N 81 degrees 24' 40" W, 61.50 feet to a point marked by an iron pipe driven in the ground; thence N 54 degrees 42' 20" W, 153.67 feet to a point marked by an iron pipe driven in the ground; thence N 73 degrees 50' 20" W, 72.80 feet to a point marked by an iron pipe driven in the ground; thence S 58 degrees 47' 20" W, 20.50 feet to a point on the Easterly curved right-of-way line of said Drive marked by an iron pipe driven in the ground; thence Southeasterly along the Easterly curved right-of-way line of said Drive, which is the arc of a curve concave to the Northeast, whose radius is 5,654.65 feet, and whose chord bears S 31 degrees 12' 40" E and is 48.40 feet in length, to the point of tangency of said curve, marked by an iron pipe driven in the ground; thence S 32 degrees 38' E along the Easterly right-of-way line of said Drive, 79.78 feet to the point of beginning.

Easement No. 13:
An easement to construct, repair, maintain and operate an electric power transmission or distribution line or system, and to cut and trim trees and shrubbery to the extent necessary to keep them clear of said electric power line or system, over and across the following described land located in the City of Nekoosa, Wood County, Wisconsin, to-wit:
A strip of land 28 feet in width parallel to the West line of Lot 8, Block 2 of the Original Plat of the Village (now City) of Nekoosa according to the recorded plat thereof, the West line of said strip being the center line of Point Basse Avenue as that street now exists and the East line being a line which is parallel to and 5 feet distance from the West line of said Lot 8.

Easement No. 14:
An easement to construct, repair, maintain and operate an electric power transmission or distribution line or system, and to cut and trim trees and shrubbery to the extent necessary to keep them clear of said electric power line or system, over and across the following described land located in the City of Nekoosa, Wood County, Wisconsin, to-wit:
A strip of land 28 feet in width parallel to the West line of Lot 9, Block 2 of the Original Plat of the Village (now City) of Nekoosa according to the recorded plat thereof, the West line of said strip being the center line of Point Basse Avenue as platted and the East line being a line which is parallel to and 5 feet distance from the West line of said Lot 9.

Easement No. 15:
An easement to construct, repair, maintain and operate an electric power transmission or distribution line or system, and to cut and trim trees and shrubbery to the extent necessary to keep them clear of said electric power line or system, over and across the following described land located in the City of Nekoosa, Wood County, Wisconsin, to-wit:
A strip of land 28 feet in width parallel to the West lines of Lots 4 and 5, Block 56 of the Nekoosa Paper Co.'s Addition to the City of Nekoosa according to the recorded plat thereof, the West line of said strip being the center line of Point Basse Avenue as platted and the East line being a line which is parallel to and 5 feet distance from the West lines of said Lots 4 and 5.

Easement No. 16:
An easement to construct, repair, maintain and operate an electric power transmission or distribution line or system, and to cut and trim trees and shrubbery to the extent necessary to keep them clear of said electric power line or system, over and across the following described land located in the City of Nekoosa, Wood County, Wisconsin, to-wit:
A strip of land 28 feet in width parallel to the West line of Block 53 of the Nekoosa Paper Co.'s Addition to the City of Nekoosa according to the recorded plat thereof, the West line of said strip being the center line of Point Basse Avenue as platted and the East line being a line which is parallel to and 5 feet distance from the West line of said Block 53.

Easement No. 17:
An easement area to construct, repair, relocate, replace, maintain and operate an electric transmission or distribution line or system over the following described real estate situated in Wood County, Wisconsin, to-wit:
Outlot 1 of Certified Survey Map No. 3971 as recorded in Volume 14 of Survey Maps, page 71, all in Govt. Lots 2 and 3, Section 36, Township 22 North, Range 5 East, Village of Port Edwards, Wood County, Wisconsin.

Easement No. 18:
A perpetual easement to construct, replace, repair, maintain and operate an electric power transmission or distribution line(s) or system, and to cut and trim trees and shrubbery to the extent necessary to keep them clear of said electric power line(s) or system, over and across the following described land located in the City of Nekoosa, Wood County, Wisconsin, to-wit:
Part of the NW ¼ of the NE ¼, part of Government Lot 7, and part of the SE ¼ of the NW ¼ in Section 10, Township 21 North, Range 5 East, City of Nekoosa, Wood County, Wisconsin.
Beginning at an iron rod stake which is S 03 degrees 45' 22" E, 73.68 feet from the iron pipe stake on the East line of Lot 2 of CSM 2295 at its intersection with the Northerly right of way line of the abandoned Wisconsin Central Ltd. Railway;
Thence S 03 degrees 45' 22" W, 71.57 feet to an iron rod stake;
Thence S 53 degrees 12' 26" W, 606.29 feet to an iron rod stake on the East line of Garrison Street;
Thence N 00 degrees 41' 07" W along the East line of Garrison Street 74.27 feet;
Thence N 53 degrees 12' 26" E, 601.55 feet to the point of beginning. The same being a 60-foot wide description of an easement for an aerial electric power line or lines.

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Easement No. 19:
The right and easement to construct, reconstruct, separate, maintain, remove and use 4 railroad crossings and such equipment and materials as may be necessary over and across those portions of Market Street and First Street that lie between Alexander Avenue and Garrison Avenue in the City of Nekoosa, Wood County, Wisconsin, which said Market Street, First Street, railroad crossings, materials and equipment are located in the plat (original) of the Village (now City) of Nekoosa, the SE ¼ of the NW ¼, and Government Lot 6, all in Section 10, Township 21 North, Range 5 East, Wood County, Wisconsin.
NOTE: ~~This easement needs to be recorded~~.

Easement No. 20:
The right and easement to construct, reconstruct, separate, maintain, remove and use 1 railroad crossing and such equipment and materials as may be necessary over and across that portion of Market Street that lies between Alexander Avenue and Garrison Avenue in the City of Nekoosa, Wood County, Wisconsin, which said Market Street railroad crossing, materials and equipment are located in the plat (original) of the Village (now City) of Nekoosa, the SE ¼ of the NW ¼, and Government Lot 6, all in Section 10, Township 21 North, Range 5 East, Wood County, Wisconsin.
NOTE: ~~This easement needs to be recorded~~.

Easement No. 21:
An easement area 28 feet in width to construct, repair, maintain and operate an electric power transmission line or distribution line or system and to cut and trim trees and shrubbery to the extent necessary to keep them clear of said electric power line or system over, across and along those portions of Market Street, First Street, Second Street and Point Basse Avenue in the City of Nekoosa, Wood County, Wisconsin, which said portions of Market Street, First Street, Second Street and Point Basse Avenue are located in the plat (original) of the Village (now City) of Nekoosa and the plat of Nekoosa Paper Co.'s Addition of the Village (now City) of Nekoosa, all in Wood County, Wisconsin.
NOTE: ~~This easement needs to be recorded~~.

Easement No. 19:
The right and easement to construct, reconstruct, separate, maintain, remove and use 4 railroad crossings and such equipment and materials as may be necessary over and across those portions of Market Street and First Street that lie between Alexander Avenue and Garrison Avenue in the City of Nekoosa, Wood County, Wisconsin, which said Market Street, First Street, railroad crossings, materials and equipment are located in the plat (original) of the Village (now City) of Nekoosa, the SE ¼ of the NW ¼, and Government Lot 6, all in Section 10, Township 21 North, Range 5 East, Wood County, Wisconsin.
NOTE: ~~This easement needs to be recorded~~.

Easement No. 20:
The right and easement to construct, reconstruct, separate, maintain, remove and use 1 railroad crossing and such equipment and materials as may be necessary over and across that portion of Market Street that lies between Alexander Avenue and Garrison Avenue in the City of Nekoosa, Wood County, Wisconsin, which said Market Street railroad crossing, materials and equipment are located in the plat (original) of the Village (now City) of Nekoosa, the SE ¼ of the NW ¼, and Government Lot 6, all in Section 10, Township 21 North, Range 5 East, Wood County, Wisconsin.
NOTE: ~~This easement needs to be recorded~~.

Easement No. 21:
An easement area 28 feet in width to construct, repair, maintain and operate an electric power transmission line or distribution line or system and to cut and trim trees and shrubbery to the extent necessary to keep them clear of said electric power line or system over, across and along those portions of Market Street, First Street, Second Street and Point Basse Avenue in the City of Nekoosa, Wood County, Wisconsin, which said portions of Market Street, First Street, Second Street and Point Basse Avenue are located in the plat (original) of the Village (now City) of Nekoosa and the plat of Nekoosa Paper Co.'s Addition of the Village (now City) of Nekoosa, all in Wood County, Wisconsin.
NOTE: ~~This easement needs to be recorded~~.

Easement NO 22:
Reservation of the use of all water power, water flowage and dam privileges forever of or pertaining to a tract or parcel of Government Lot 6 section 10 Township 21 North Range 5 East, more particularly described as follows:

Commencing at the intersection of the Southerly right-of-way line of Market Street and the Easterly right-of-way line of Prospect Avenue, as said streets were laid out in the duly recorded plat of the Village, now City of Nekoosa, proceed in a Southwesterly direction along said Easterly right-of-way line of said Prospect Avenue as originally platted and which has since been vacated, to the point of intersection with the Southerly right-of-way line of the public alley designated in said plat which lies southerly of Block 8 in said plat, said point being the point of beginning of the land hereby conveyed. From said point of beginning continue to run Southwesterly on a line which is the prolongation of the Easterly right-of-way line of said Prospect Avenue, as originally platted, to the point of intersection with a line which is the prolongation Southerly of the lot line between Lots Four (4) and Five (5) of said Block 8 of said plat of the Village, now City of Nekoosa, thence North on said last described line to the Southerly right-of-way line of said public alley, thence East along the Southerly right-of-way line of said public alley to the point of beginning.

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Easement No. 22:

Reservation of the use of all water power, water flowage and dam privileges forever of or pertaining to: A strip or belt of land over and across the SE ¼ of the SE ¼ of Section 34, Township 22 North, Range 5 East and Government Lot 2, Section 3, Township 21 North, Range 5 East, 100 feet in width, being 50 feet on either side of the center line, which is more particularly described as follows:

Commencing at the Section corner common to Section 34 and 35, Township 22 North, Range 5 East and Sections 2 and 3, Township 21 North, Range 5 East; thence North on the Section line common to said Sections 34 and 35, 993.5 feet; thence West at right angles to said Section line 60 feet to a point marked by an iron pipe driven in the ground, which point is on the Westerly right-of-way line of Wood County Trunk Highway FF and 30 feet South of and perpendicular to the center line of Nekoosa-Edwards Paper Company's intermill railroad; thence S 1 degree 27' W along the Westerly right-of-way line of said Wood County Trunk Highway FF, 517.50 feet to a point marked by an iron pipe driven in the ground; thence S 46 degrees 56' W, 194.44 feet to a point marked by an iron pipe driven in the ground, which point is on the Northerly right-of-way line of Wisconsin State Trunk Highway 73; thence Southwesterly 128.7 feet along the Northerly right-of-way line of said Wisconsin State Trunk Highway 73, which line is the arc of a 3 degree 44' curve concave to the Southeast whose radius is 1532.7 feet to the point of beginning of said center line. From said point of beginning thence S 20 degrees 23' 50" E, 350 feet, more or less, to the edge of the Wisconsin River.

90-

EXHIBIT B

1. Taxes and special assessments for the year 2001, and subsequent years, not yet due and payable.

2. Zoning ordinances, building codes and other land use laws and applicable governmental regulations.

CONTINUED ON NEXT PAGE

SCHEDULE B

Number FA1422

9. General taxes for the year 2001 and subsequent years, none now due and payable.

Continued...

A.D.

(2) 46. Lease by and between Nekoosa-Edwards Paper Company and Village of Port Edwards, dated March 1, 1955 and recorded March 15, 1955 in Volume 284 of Mis. Records, page 501, Document No. 404548, Wood County Records.

(3) 47. Lease by and between Nekoosa-Edwards Paper Company and Village of Port Edwards, dated May 11, 1950 and recorded June 6, 1950 in Volume 242 of Mis. Records, page 585, Document No. 378431, Wood County Records.

(4) 48. Short Lease by and between Nekoosa Papers Inc. and Bulls Eye Country Club, dated May 28, 1999 and recorded June 8, 1999 in Volume 940 of Records, page 339, Document No. 847601, Wood County Records.

(5) 49. Solid Waste Disposal Site Affidavit recorded June 12, 1980 in Volume 499 of Mis. Records, page 521, Document No. 597351, AND recorded February 1, 1983 in Volume 517 of Mis. Records, page 180, Document No. 620063, Wood County Records, AND recorded February 24, 1989 in Volume 566 of Records, page 258, Document No. 690558, Wood County Records.

(6) 50. Agreement by and between Nekoosa Papers Inc. and Arthur W. Clark, dated December 22, 1977 and recorded December 22, 1977 in Volume 478 of Mis. Records, page 67, Document No. 571022, Wood County Records. Consent to Transfer and Nonelection to Purchase by and between Nekoosa Papers Inc. and Arthur S. Clark and Robert W. Clark, dated August 3, 1987 and recorded December 18, 1987 in Volume 551 of Mis. Records, page 281, Document No. 678102, Wood County Records.

(7) 21. License from Nekoosa Papers Inc. to Richard C. Zwicke and Kay Jean Zwicke, his wife, as joint tenants, dated March 31, 1983 and recorded October 7, 1983 in Volume 521 of Mis. Records, page 711, Document No. 628294, Wood County Records. Amendment No. 1 dated April 1, 1985 and recorded May 8, 1985 in Volume 535 of Mis. Records, page 93, Document No. 644666, Wood County Records. Amendment No. 2 dated April 1, 1990 and recorded March 27, 1990 in Volume 586 of Records, page 769, Document No. 701917, Wood County Records. Such License has expired. Exception as to any actual encroachments as they exist as of the date hereof.

(8) 22. License from Nekoosa Papers Inc. to Patrick E. Cox and Shirley M. Cox, his wife, as joint tenants, dated June 23, 1983 and recorded October 7, 1983 in Volume 521 of Mis. Records, page 715, Document No. 628295, Wood County Records. Amendment No. 1 dated April 1, 1985 and recorded May 15, 1985 in Volume 535 of Mis. Records, page 147, Document No. 644844, Wood County Records. Such License has expired. Exception as to any actual encroachments as the exist as of the date hereof.

(9) 23. License from Nekoosa Papers Inc. to Anthony T. Christman and Debra A. Christman, his wife, as joint tenants, dated August 15, 1989 and recorded August 21, 1989 in Volume 575 of Records, page 877, Document No. 695912, Wood County Records. Such License has expired. Exception as to any actual encroachments as they exist as of the date hereof.

(10) 24. Groundwater Use Restriction dated July 20, 2000 and recorded September 21, 2000 as Document No. 868259, Wood County Records. Amended Groundwater Use Restriction dated February 16, 2001 and recorded February 21, 2001 as Document No. 874178, Wood County Records.

(11) 25. Septic Tank Maintenance Affidavit dated December 15, 1988 and recorded September 28, 1989 in Volume 578 of Records, page 93, Document No. 697104, Wood County Records.

(12) 26. Septic Tank Maintenance Affidavit dated September 10, 1985 and recorded September 11, 1985 in Volume 537 of Mis. Records, page 401, Document No. 648730, Wood County Records.

(13) 27. Septic Tank Maintenance Affidavit dated October 19, 1987 and recorded October 26, 1987 in Volume 550 of Mis. Records, page 744, Document No. 676566, Wood County Records.

(14) 28. Petenwell Agreement by and between Wisconsin River Power Company and Nekoosa Edwards Paper Company, dated January 21, 1948 and recorded April 28, 1948 in Volume 224 of Mis. Records, page 509, Document No. 256805, Wood County Records.

(15) 29. Pipeline Right-of-Way Easement from Nekoosa Papers Inc., a Wisconsin corporation, to Wisconsin Gas Company, its successors and assigns, dated December 2, 1993 and recorded January 7, 1994 in Volume 707 of Records, page 718, Document No. 758373, Wood County Records.

(16) 30. Easement from Nekoosa Papers Inc. to City of Nekoosa, dated September 1, 1976 and recorded October 1, 1976 in Volume 472 of Mis. Records, page 671, Document No. 555243, Wood County Records.

(17) 31. Easement from Nekoosa Edwards Paper Company, Inc. to Village of Port Edwards, dated October 1, 1973 and recorded October 26, 1973 in Volume 445 of Mis. Records, page 519, Document No. 527813, Wood County Records.

(18) 32. Easement from Nekoosa Edwards Paper Company, Inc. to City of Nekoosa, dated October 1, 1973 and recorded October 26, 1973 in Volume 445 of Mis. Records, page 517, Document No. 527811, Wood County Records.

(19) 33. Easement Agreement from Nekoosa-Edwards Paper Company, a Wisconsin corporation, to Wisconsin Gas Company, a Wisconsin corporation, dated November 15, 1966 and recorded December 9, 1966 in Volume 380 of Mis. Records, page 417, Document No. 476129, Wood County Records.

(20) 34. Easement & Access Rights from Nekoosa-Edwards Paper Company to State of Wisconsin, dated February 21, 1962 and recorded March 16, 1962 in Volume 340 of Mis. Records, page 141, Document No. 445721, Wood County Records.

(21) 35. Easement from Nekoosa-Edwards Paper Company to Chicago, Milwaukee, St. Paul and Pacific Railroad Company, dated January 3, 1961 and recorded February 6, 1961 in Volume 332 of Mis. Records, page 605, Document No. 439030, Wood County Records.

(22) 36. Right-of-Way Easement from Nekoosa-Edwards Paper Company to Wisconsin Power and Light Company, dated April 19, 1957 and recorded May 1, 1957 in Volume 301 of Mis. Records, page 419, Document No. 417165, Wood County Records.

(23) 37. Right-of-Way Easement from Nekoosa-Edwards Paper Company to Wisconsin Power and Light Company, dated April 20, 1955 and recorded May 16, 1955 in Volume 285 of Mis. Records, page 135, Document No. 405714, Wood County Records.

(24) 38. Right of Way Easement from Nekoosa-Edwards Paper Company to Wisconsin Power & Light Company, dated January 31, 1955 and recorded February 16, 1955 in Volume 284 of Mis. Records, page 341, Document No. 404059, Wood County Records.

(25) 39. Corrected Right-of-Way Easement from Nekoosa-Edwards Paper Company to Wisconsin Power & Light Company, dated August 31, 1954 and recorded September 13, 1954 in Volume 281 of Mis. Records, page 243, Document No. 401817, Wood County Records.

(26) 40. Easement from Nekoosa Edwards Paper Company to City of Nekoosa, dated December 13, 1938 and recorded February 2, 1939 in Volume 172 of Mis. Records, page 389, Document No. 211885, Wood County Records.

(27) 41. Easement from Nekoosa-Edwards Paper Company to Wisconsin Central Railway Company, dated February 21, 1917 and recorded May 7, 1917 in Volume 103 of Mis. Records, page 102, Document No. 127856, Wood County Records.

(28) 42. Easement for Electric Line from Nekoosa Edwards Paper Company, Inc. to Adams-Marquette Electric Cooperative, dated December 28, 1973 and recorded March 7, 1974 in Volume 448 of Mis. Records, page 745, Document No. 530418, Wood County Records.

(29) 43. Easement for Electric Line from Nekoosa Papers Inc. to Wisconsin Power and Light Company, dated October 17, 1984 and recorded November 1, 1984 in Volume 530 of Mis. Records, page 25, Document No. 639571, Wood County Records.

(30) 44. Easement from Nekoosa-Edwards Paper Company to Wisconsin Central Railway Company, dated April 26, 1928 and recorded April 28, 1928 in Volume 141 of Mis. Records, page 82, Document No. 174803, Wood County Records.

(31) 45. Right-of-Way Easement from Nekoosa-Edwards Paper Company to Wisconsin Power & Light Company, dated May 7, 1954 and recorded May 12, 1954 in Volume 278 of Mis. Records, page 319, Document No. 399839, Wood County Records.

(32) 46. Easement from Nekoosa-Edwards Paper Company to Wisconsin Power & Light Company, dated August 31, 1954 and recorded September 22, 1954 in Volume 281 of Mis. Records, page 281, Document No. 401956, Wood County Records.

(33) 47. Easement from the City of Nekoosa to Wisconsin Power and Light Company, as noted in Resolution dated December 3, 1956 and recorded May 1, 1957 in Volume 301 of Mis. Records, page 416, Document No. 417164, Wood County Records.

(34) 48. Easement from Nekoosa-Edwards Paper Company to the County of Wood, dated August 29, 1963 and recorded October 15, 1963 in Volume 352 of Mis. Records, page 553, Document No. 456101, Wood County Records.

(35) 49. Right of Way Easement from Nekoosa-Edwards Paper Company to Wisconsin Power & Light Company, dated July 20, 1966 and recorded August 22, 1966 in Volume 377 of Mis. Records, page 371, Document No. 474420, Wood County Records.

(36) 50. Easement from Nekoosa-Edwards Paper Company to Village of Port Edwards, dated August 24, 1966 and recorded September 1, 1966 in Volume 377 of Mis. Records, page 453, Document No. 474601, Wood County Records.

(37) 52. Easement Agreement from Nekoosa-Edwards Paper Company to Wisconsin Gas Company, dated September 5, 1967 and recorded September 29, 1967 in Volume 388 of Mis. Records, page 163, Document No. 480997, Wood County Records.

(38) 53. Easement for Electric Line from Nekoosa-Edwards Paper Company, dated April 3, 1967 and recorded April 24, 1968 in Volume 393 of Mis. Records, page 545, Document No. 484953, Wood County Records.

(39) 54. Easement from Nekoosa-Edwards Paper Company to Village of Port Edwards, dated November 1, 1968 and recorded January 3, 1969 in Volume 399 of Mis. Records, page 203, Document No. 489662, Wood County Records.

(40) 55. Easement for Highway Purposes from Nekoosa-Edwards Paper Company to City of Nekoosa, dated April 27, 1967 and recorded February 15, 1971 in Volume 418 of Mis. Records, page 473, Document No. 503955, Wood County Records.

(41) 56. Easement for Electric Line from Nekoosa Edwards Paper Company to Wisconsin Power and Light Company, dated June 22, 1972 and recorded September 26, 1972 in Volume 436 of Mis. Records, page 655, Document No. 517617, Wood County Records.

57. Easement for Electric Line from Nekoosa Edwards Paper Company, Inc. to Wisconsin Power and Light Company, dated April 20, 1973 and recorded July 13, 1973 in Volume 443 of Mis. Records, page 359, Document No. 525012, Wood County Records.

58. Easement for Electric Line from Nekoosa Edwards Paper Company, Inc. to Wisconsin Power and Light Company, dated August 15, 1975 and recorded September 3, 1975 in Volume 469 of Mis. Records, page 395, Document No. 543612, Wood County Records.

59. Easement for Highway Purposes from Nekoosa Papers, Inc. to City of Nekoosa, dated April 21, 1980 and recorded May 5, 1980 in Volume 499 of Mis. Records, page 197, Document No. 596614, Wood County Records.

60. Obstruction Light Easement by and between Nekoosa Papers Inc. and City of Wisconsin Rapids, City of Nekoosa, Village of Port Edwards, Village of Biron and Town of Grand Rapids, dated August 13, 1982 and recorded September 17, 1982 in Volume 516 of Mis. Records, page 35, Document No. 616746, Wood County Records.

61. Avigation Easement by and between Nekoosa Papers Inc. and City of Wisconsin Rapids, City of Nekoosa, Village of Port Edwards, Village of Biron, and Town of Grand Rapids, dated August 13, 1982 and recorded September 17, 1982 in Volume 516 of Mis. Records, page 41, Document NO. 616747, Wood County Records.

62. Easement for Electric Line from Nekoosa Papers Inc. to Wisconsin Power and Light Company, dated October 17, 1984 and recorded November 1, 1984 in Volume 530 of Mis. Records, page 25, Document No. 639571, Wood County Records.

63. Common Ownership Plumbing System Inspection and Enforcement Easement from Nekoosa Papers, Inc. to State of Wisconsin, Department of Industry, Labor and Human Relations, Bureau of Plumbing, recorded July 16, 1985 in Volume 535 of Mis. Records, page 743, Document No. 646742, Wood County Records.

64. Easement for Electric Line from Nekoosa Papers Inc. to Wisconsin Power and Light Company, dated August 12, 1988 and recorded September 26, 1988 in Volume 554 of Mis. Records, page 813, Document No. 686592, Wood County Records.

65. Easement from Nekoosa Papers, Inc. to Wisconsin Gas Company, dated September 6, 1991 and recorded October 9, 1991 in Volume 622 of Records, page 481, Document No. 721200, Wood County Records. Said easement was re-recorded October 30, 1991 in Volume 624 of Records, page 31, Document No. 721958, Wood County Records.

66. Pipeline Right-of-Way Easement from Nekoosa Papers Inc. to Wisconsin Gas Company, dated December 8, 1992 and recorded December 17, 1992 in Volume 665 of Records, page 433, Document No. 740494, Wood County Records.

67. Pipeline Right-of-Way Easement from Nekoosa Papers Inc. to Wisconsin Gas Company, dated August 30, 1993 and recorded October 15, 1993 in Volume 697 of Records, page 423, Document No. 754037, Wood County Records.

68. Pipeline Right-of-Way Easement from Nekoosa Papers Inc. to Wisconsin Gas Company, dated September 29, 1994 and recorded October 20, 1994 in Volume 736 of Records, page 546, Document No. 771058, Wood County Records.

69. Intentionally Deleted.

70. Permanent Limited Easement from Nekoosa Paper Inc., a Wisconsin corporation, to City of Wisconsin Rapids, a municipal corporation, dated February 26, 2001 and recorded March 5, 2001 as Document No. 874710, Wood County Records.

71. Notice of Transfer of Ownership – Forest Crop Law dated June 2, 1970 and recorded June 5, 1970 in Volume 5R of Lis Pendens, page 4N, Document No. 499547, Wood County Records.

72. Forest Crop Lands Order and Approval dated March 2, 1973 and recorded March 19, 1973 in Volume 5R of Lis Pendens, page 4N, Document No. 521560, Wood County Records.

73. Forest Crop Lands Order and Approval dated March 17, 1978 and recorded March 20, 1978 in Volume 6R of Lis Pendens, page 1N, Document No. 573723, Wood County Records.

74. Order of Renewal of Forest Crop Lands dated November 20, 1978 and recorded November 20, 1978 in Volume 6R of Lis Pendens, page 1N, Document No. 582538, Wood County Records.

75. Order of Renewal of Forest Crop Lands dated November 20, 1979 and recorded November 20, 1979 in Volume 6R of Lis Pendens, page 1N, Document No. 593148, Wood County Records.

76. Order of Conversion and Designation dated November 9, 1998 and recorded January 12, 1999 in Volume 916 of Records, page 757, Document No. 839456, Wood County Records.

77. Order of Conversion and Designation dated November 9, 1998 and recorded January 12, 1999 in Volume 916 of Records, page 773, Document No. 839459, Wood County Records.

78. Rights of the public in any portion of the subject premises lying below the ordinary high water mark of the Wisconsin River, Nepco Lake and Four Mile Creek, and rights of the government to regulate the use of the shore and riparian rights.

79. This policy does not insure the exact location of any portion of the land created by gradual buildup of the shore (accretion) or the lowering of the water level (reliction), the title to land cut off by a change in the course of the water body (avulsion), or ownership of artificially filled land.

90

(64) 89. Easement from Wisconsin Central LTD., an Illinois Corporation to Nekoosa Papers Inc., a Wisconsin corporation, dated May 17, 1994 and recorded June 22, 1994 in Volume 724 of Records, page 772, Document No. 765842, Wood County Records. (Affects Easement No. 2)

(65) 90. Easement for Electric Power Line from Nekoosa Corporation, a Wisconsin corporation to Nekoosa Papers Inc., a Wisconsin corporation, dated July 25, 1989 and recorded October 19, 1989 in Volume 579 of Records, page 491, Document No. 697788, Wood County Records. (Affects Easement No. 3)

10

(66) 91. Easement from Electric Line as noted in Resolution by Village Board of the Village of Port Edwards to Nekoosa Papers Inc., a Wisconsin corporation, dated November 10, 1987 and recorded November 17, 1987 in Volume 551 of Mis. Records, page 23, Document No. 677321, Wood County Records. (Affects Easement No. 4)

(67) 92. Easement for Electric Power Line from Chester F. Korbol and Janet E. Korbol, husband and wife, to Nekoosa Edwards Paper Company, Inc., a Wisconsin corporation, dated May 21, 1971 and recorded June 7, 1971 in Volume 421 of Mis. Records, page 563, Document No. 506199, Wood County Records. (Affects Easement No. 5)

(68) 95. All merchantable timber standing, lying, growing and being on the land described in Exhibit C in perpetuity together with the rights of ingress and egress to plant, cultivate, harvest, manage and remove such timber as noted in QuitClaim Deed dated July 1, 2000 and recorded July 13, 2000 as Document No. 865464, Wood County Records.

(69) 97. Lack of U.S. Patent for the land described in Parcel 126.

(70) 98. Interests disclosed by Quarles & Brady document attached hereto entitled Wisconsin Leases and Licences. To the extent still in effect or encroachments exist.

90

(70) 100. Reservation of the use of all water power, water flowage and dam privileges forever, as noted in Warranty Deed dated April 1, 1952 and recorded June 23, 1952 in Volume 262 of Deeds, page 463, Document No. 389873, Wood County Records.

(71) 101. Reservation of the use of all water power, water flowage and dam privileges forever, as noted in Warranty Deed dated August 26, 1963 and recorded September 16, 1963 in Volume 353 of Deeds, page 525, Document No. 455497, Wood County Records.

(72) 102. Reservation of the use of all water power, water flowage and dam privileges, forever, as noted in Warranty Deed dated April 7, 1966 and recorded July 12, 1966 in Volume 378 of Deeds, page 37, Document No. 473684, Wood County Records.

(73) 103. Easement for Electric Power Line granted unto Nekoosa Edwards Paper Company, Inc., dated May 21, 1971 and recorded June 7, 1971 in Volume 421 of Mis. Records, page 561, Document No. 506198, Wood County Records.

(74) 104. Easement for Electric Power Line granted unto Nekoosa Edwards Paper Company, Inc., dated May 21, 1971 and recorded June 7, 1971 in Volume 421 of Mis. Records, page 563, Document No. 506199, Wood County Records.

(75) 105. Easement for Electric Power Line granted unto Nekoosa Edwards Paper Company, Inc., dated May 21, 1971 and recorded June 7, 1971 in Volume 421 of Mis. Records, page 565, Document No. 506200, Wood County Records.

(76) 106. Easement for Electric Power Line granted unto Nekoosa Edwards Paper Company, Inc., dated May 21, 1971 and recorded June 7, 1971 in Volume 421 of Mis. Records, page 567, Document No. 506201, Wood County Records.

(77) 107. Easement for Electric Line granted to Nekoosa Papers Inc. dated November 10, 1987 and recorded November 17, 1987 in Volume 551 of Mis. Records, page 23, Document No. 677321, Wood County Records.

(78) 108. Easement for Electric Line granted unto Nekoosa Papers Inc. dated July 25, 1989 and recorded October 19, 1989 in Volume 579 of Records, page 491, Document No. 697788, Wood County Records.

(79) 109. Affidavit for Easement dated 12-7-59 and recorded 8-1-2001 as Document No. 883211, Wood County Records.

(80) 110. Affidavit for Easement dated 10-2-61 and recorded 8-1-2001 as Document No. 883211, Wood County Records.

(81) 111. Affidavit for Easement dated 6-8-71 and recorded 8-1-2001 as Document No. 883211, Wood County Records.

***

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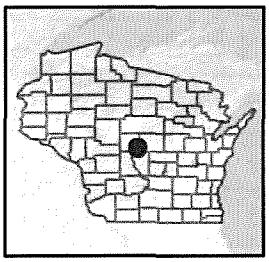
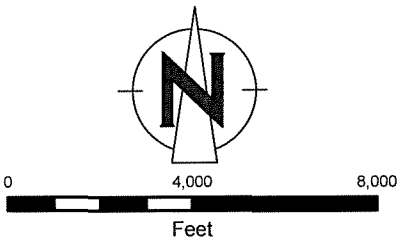
PARCEL INDEX

PARCEL NO.	TAX NO.	VOLUME AND PAGE AND/OR DOCUMENT NUMBER	
1	27-00012	VOLUME 510 PAGE 203	VOLUME 412 PAGE 203
2	27-00004	VOLUME 510 PAGE 203	VOLUME 412 PAGE 203
3	27-00002	VOLUME 510 PAGE 203	VOLUME 412 PAGE 203
4	27-00007	VOLUME 510 PAGE 203	VOLUME 412 PAGE 203
5	1-00121	VOLUME 300 PAGE 50	VOLUME 412 PAGE 203
6	1-00121	VOLUME 300 PAGE 50	VOLUME 412 PAGE 203
7	1-00121	VOLUME 300 PAGE 50	VOLUME 412 PAGE 203



Legend

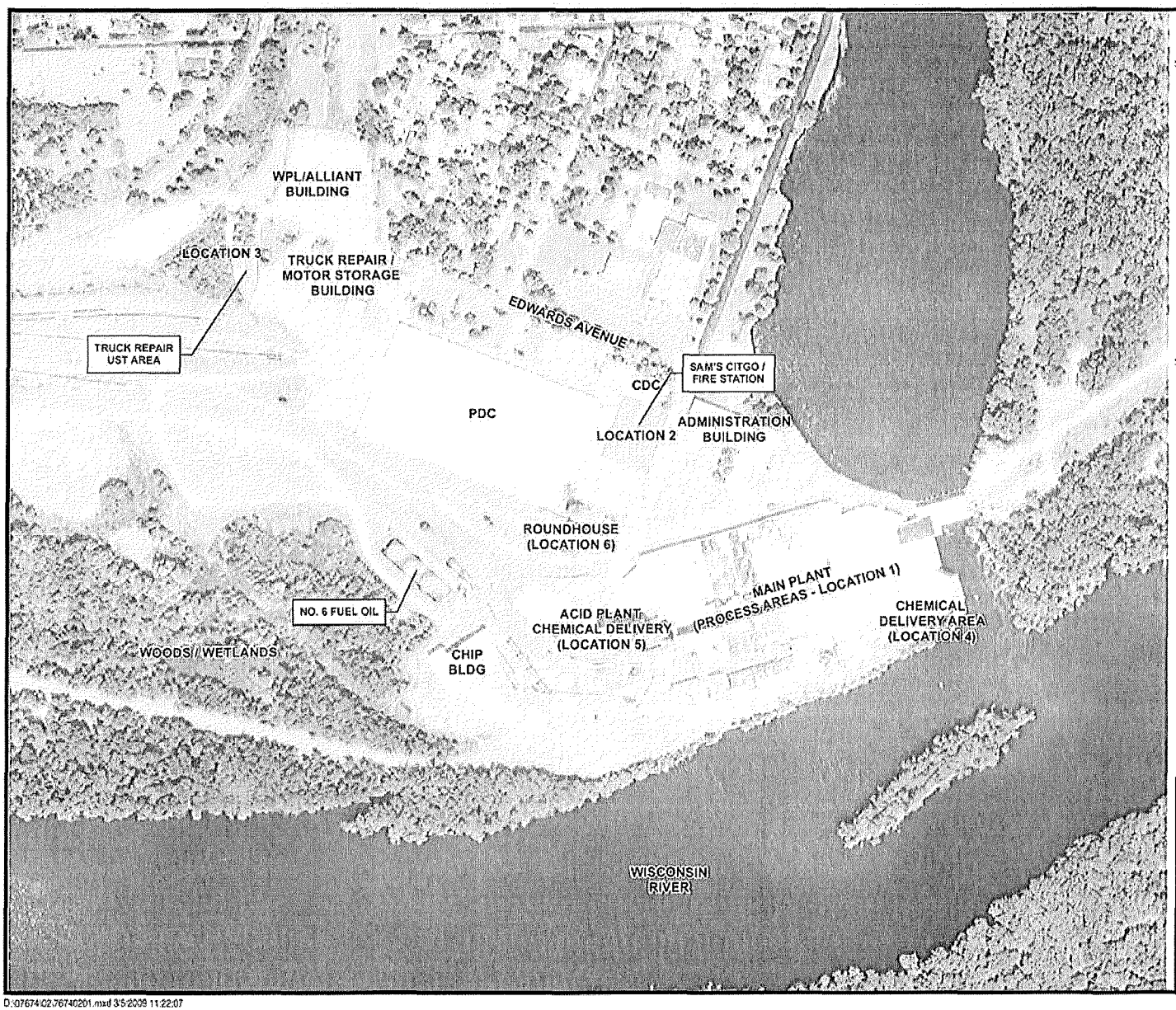
Approximate Site Location



1 inch = 4,000 feet

ENVIRON	SITE LOCATION MAP DOMTAR - PORT EDWARDS PORT EDWARDS, WISCONSIN	Figure 1
DRAFTED BY: NWEBER / DATE: 10/6/2010		PROJECT: 01-WUNA

C:\DOCUMENTS AND SETTINGS\GMILES\DESKTOP\COMMON ELEMENTS\PORTRAIT.MXT



LEGEND

CLOSED INVESTIGATION AREAS

NOTES

1. 2004-2008 NAIP BASE MAP OBTAINED FROM HTTP://WISCONSINVIEW.SSEC.WISC.EDU/

0 25 50 100 150 200 Feet

1" = 100
1:1,200

PROJECT: DOMTAR - PORT EDWARDS
PORT EDWARDS, WISCONSIN

SHEET TITLE: SITE LAYOUT - AERIAL PHOTO

DRAWN BY: PYLKASE	SCALE: AS NOTED	PROJ. NO: 06-07674-02	
CHECKED BY: HUTCHENS		FILE NO: 76740201	
APPROVED BY:	DATE PRINTED: 3/5/2009	FIGURE 2	
DATE: MARCH 2009			

ENVIRON
www.environcorp.com

175 N. Corporate Drive, Suite 160
Brookfield, WI 53045
PHONE: (414) 456-1210
FAX: (414) 456-1220

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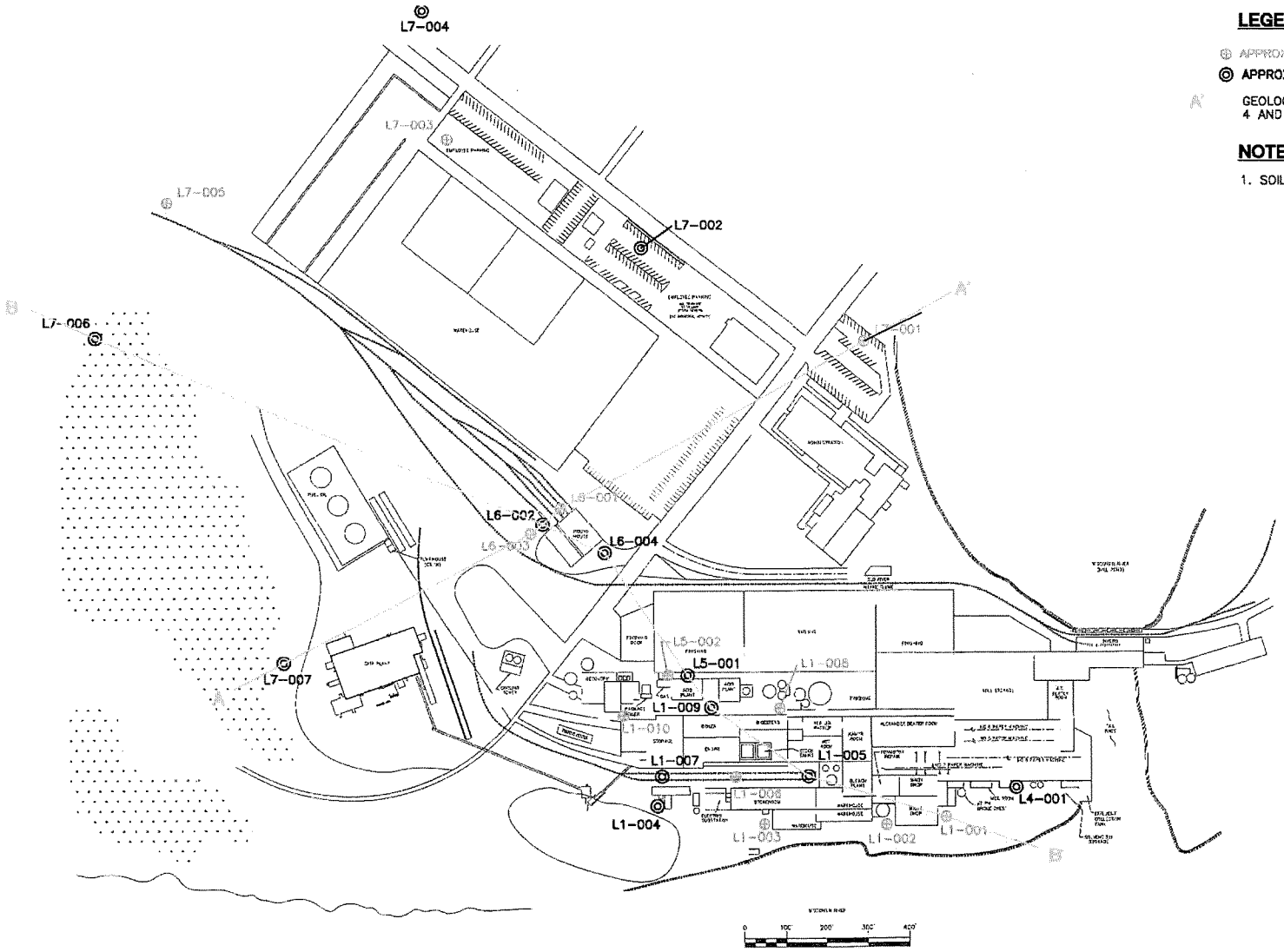


LEGEND

⊕ APPROXIMATE SOIL BORING LOCATION

◎ APPROXIMATE SOIL BORING & TEMP WELL LOCATION

A' GEOLOGICAL CROSS-SECTION LINES, SEE FIGURES 4 AND 5 FOR CROSS-SECTIONS.

NOTES

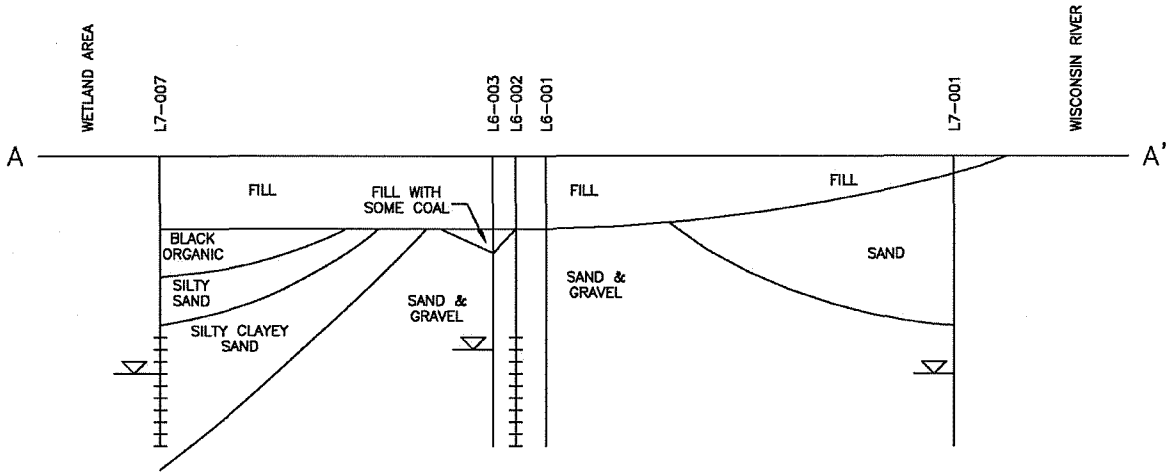
1. SOIL BORINGS INSTALLED IN JANUARY 2009

PLANT NORTH

NORTH

PROJECT: DOMTAR – PORT EDWARDS PORT EDWARDS, WISCONSIN	
SHEET TITLE: SITE MAP WITH CROSS-SECTIONS AND SOIL BORING LOCATIONS	
DATE: 12/27/10	FIGURE No.:
PROJECT NO.: PE	Figure 5

ENVIRON
www.environcorp.com
175 N. Corporate Drive, Suite 160
Brookfield, WI 53045
PHONE: (262) 901-0099
FAX: (262) 901-0079



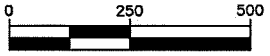
LEGEND:

OBSERVED WATER TABLE

NOTES:

1. NO SURVEY PERFORMED.
2. SITE LOCATIONS ARE APPROXIMATE.
3. SITE IS RELATIVELY FLAT, ELEVATIONS NOT MEASURED.

VERTICAL SCALE: 1"=5'

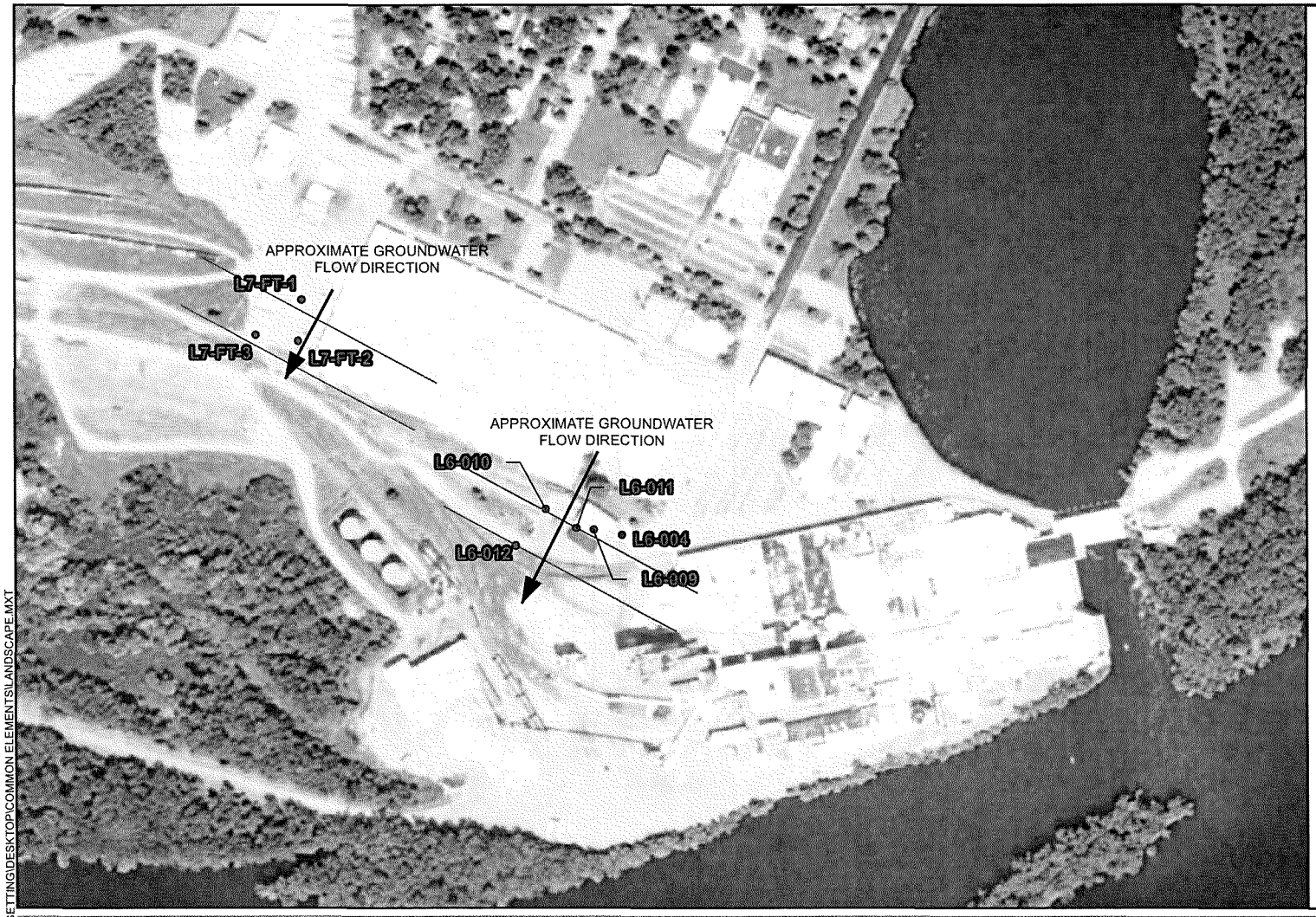


HORIZONTIAL SCALE: 1"=250'

PROJECT:	DOMTAR – PORT EDWARDS PORT EDWARDS, WISCONSIN
SHEET TITLE:	GEOLOGIC CROSS-SECTION A-A'
DATE: 12/27/10	FIGURE No.:
PROJECT NO.: PE	Figure 6

ENVIRON
www.environcorp.com
175 N. Corporate Drive, Suite 160
Brookfield, WI 53045
PHONE: (262) 901-0099
FAX: (262) 901-0079

PRIVILEGED AND CONFIDENTIAL
PREPARED AT THE REQUEST OF COUNSEL



Legend

Port Edwards Sample Locations

- Investigation Locations (Jan. 2009)
- Investigation Locations (Sep. 2009)
- Investigation Locations (Mar. 2010)

Notes

1. Aerial photography obtained from 2008 NAIP Wisconsin - 1 Meter.
2. Groundwater elevations are not tied to a singular benchmark.

Locaton	Descripton
1	Process Areas
4	Chemical Delivery Area
5	Rail Chemical Delivery Area
6	Roundhouse
7	Property Perimeter and Former Tank Areas
11	No. 6 Fuel Area

0 340 680 Feet

1 inch = 267 feet

ENVIRON

DRAFTED BY: NWEBER | DATE: 10/8/2010

GROUNDWATER CONTOUR MAP
PORT EDWARDS, WISCONSIN

Figure 4

PROJECT: 01-WUNA

C:\DOCUMENTS AND SETTINGS\DESKTOP\COMMON ELEMENTS\LANDSCAPE.MXT

DRAFTED BY: NWEBER

Table 1-1
Soil Sampling Results Summary - Site Investigation
Domtar Industries, Inc. - Port Edwards, Wisconsin
Location 1 - Process Area

	WDNR RCL	L1-001 (6-8')	L1-004 (8-10')	L1-005 (10-12')	L1-011 (0-4')	L1-014 (0-2')
PID Readings		0.0	0.0	0.0	2.0	0.9
Sample Date		Jan-09	Jan-09	Jan-09	Sep-09	Sep-09
Total RCRA Metals (mg/kg)						
Arsenic	**1.6**	**41.2**	**1.5 J**	**2.3 J**	<5.27	<4.97
Barium		75.8	36.3	33.3	57.3	24.5
Chromium	**200**	**217**	6.71	12.4 **B**	8.33	<7.45
Copper		NS	NS	NS	10.3	7
Lead	**500**	113	6.97	37.3	33.6	3.2 J
Mercury		0.658	0.0444	0.0789	0.0518	0.014 J
Selenium		<5.49	<5.16	<2.69	<5.27	<4.97
Silver		<5.49	<5.16	<2.69	<5.27	<4.97
PAH's (ug/kg)						
Acenaphthene	**60000000**	<27.6	186.0	929.0	69.8	3J
Acenaphthylene	**360000**	<138	<128	<124	124	8J
Anthracene	**300000000**	<27.6	368.0	847.0	386	47.2
Benz(a)anthracene	**3900**	35.8	516.0	857.0	1020	494
Benzo(a)pyrene	**390**	49.6	**457.0**	**486.0**	**817**	**508**
Benzo(b)fluoranthene	**3900**	38.6	355.0	507.0	927	728
Benzo(g,h,i)perylene	**39000**	55.1	378.0	358.0	558	424
Benzo(k)fluoranthene	**39000**	<27.6	217.0	287.0	329	239
Chrysene	**390000**	55.1	513.0	844.0	931	538
Dibenz(a,h)anthracene	**390**	<27.6	71.5	69.0	117	87J
Fluoranthene	**40000000**	102.0	1400.0	3190.0	2140	663
Fluorene	**40000000**	<27.6	125.0	879.0	86	8J
Indeno(1,2,3-cd)pyrene	**3900**	44.1	337.0	350.0	546	446
Naphthalene	**110000**	<27.6	33.2	154.0	16JB	2J
Phenanthrene	**390000**	88.2	1370.0	3530.0	1140JB	171
Pyrene	**30000000**	90.9	1250.0	2600.0	1950	690
Total VOCs (ug/kg)						
Bromomethane		<200	<200	<510	<333	<445
Chloroform		<251	<237	130 J	<167	<222
Chloromethane		<502	<475	<510	<333	<445
Ethylbenzene	**2,900**	21 J	<237	<255	<167	<222
m,p-Xylene		230 J	210 J	230 J	<333	<445
o-xylene		94J	81J	83J	<167	<222
Tetrachloroethene		32 J	43 J	<60	14 J	31 JB
trans-1,2-Dichloroethene		24 J	<237	<255	<167	<222
Xylenes, total	**4,100.00**	330 J	290 J	310 J	<500	<667

Notes:
Total RCRA Metals analyzed using EPA Method 6020, except for mercury (EPA Method 7471)
mg/kg = milligrams per kilogram (ppm)
ug/kg = micrograms per kilowgram (ppb)
VOCs = volatile organic compounds analyzed using EPA Method 8260B
PAH = polynuclear aromatic hydrocarbons analyzed using EPA method 8310
Hydrocarbons (PAHs) Interim Guidance (RR 519)
Samples analyzed by Environmental Monitoring and Technologies, Inc. (WDNR Certification #999888890)
Exceedances of RCL are highlited and bolded
Only compounds with at least one detection are listed
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank

Table 2-1
Groundwater Sampling Results Summary - Site Investigation
Domtar Industries, Inc.
Port Edwards, Wisconsin

	NR 140 Standard		Location 1 - Process Area									Location 4 - Chemical Delivery Area		Location 5 - Rail Chemical Delivery Area		
	ES	PAL	L1-004	L1-005	L1-007	L1-009	L1-011	L1-012	L1-013	L1-014	L1-BG	L4-001	L4-003	L5-001	L5-003	L5-004
Nitrates & Sulfates (mg/L)																
Nitrogen, Nitrate (As N)	**10**	2	NS	NS	NS	NS	0.91	3.25	0.12 J	0.257	0.26	NS	0.15 J	NS	0.28	0.21
Nitrogen, Nitrite	**1**	0.2	NS	NS	NS	NS	<0.5	0.48 J	<0.5	0.23 J	0.2 J	NS	<0.5	NS	<0.5	<0.5
Sulfate	**250**	125	NS	NS	NS	NS	13.4	76.1	**672**	64	25.3	NS	46.4	NS	72.2	44
RCRA Metals, dissolved (mg/l)																
Barium	**2**	0.4	0.19	0.059J	0.124	0.04J	0.034 J	0.0703	0.349	0.059 J	NS	0.041J	0.446	0.052J	NS	NS
Chromium	**0.1**	0.01	<0.063	<0.063	<0.063	<0.063	<0.063	<0.063	0.0074 J	<0.063	NS	<0.063	<0.063	<0.063	NS	NS
Selenium			<0.063	<0.063	<0.063	0.036J	<0.063	<0.063	<0.063	<0.063	NS	<0.063	<0.063	<0.063	NS	NS
Silver	**0.05**	0.01	<0.063	<0.063	<0.063	<0.063	<0.063	<0.063	<0.063	<0.063	NS	0.017J	<0.063	<0.063	NS	NS
PAH's (ug/l)																
Acenapthene			<0.25	1.45	1.33	<0.119	<0.2	<0.27	<0.22	<0.21	NS	<0.21	<0.22	<0.23	<0.27	<0.21
Anthracene	**3000**	600	<0.25	0.19J	0.56	<5.94	<0.2	<0.21	<0.22	<0.21	NS	<0.21	<0.22	<0.23	<0.22	<0.21
Benz(a)anthracene			<0.13	0.2	<0.13	<0.119	<0.13	0.242	<0.13	<0.13	NS	<0.13	<0.13	<0.13	<0.13	<0.13
Benzo(b)fluoranthene	**0.2**	0.02	<0.18	<0.18	<0.18	<0.119	<0.18	0.094 J	<0.18	<0.18	NS	<0.18	<0.18	<0.17	<0.18	<0.18
Chrysene	**0.2**	0.02	<0.25	<0.26	<0.24	<0.119	<0.2	0.19 J	<0.22	<0.21	NS	<0.21	<0.22	**0.27**	<0.22	<0.21
Fluoranthene	**400**	80	<0.25	0.51	0.93	<0.119	0.08J	1.94	<0.22	<0.21	NS	<0.21	0.08 J	<0.23	<0.22	<0.21
Fluorene	**400**	80	<0.25	0.66	1.3	<0.119	<0.2	<0.27	<0.22	<0.21	NS	<0.21	<0.22	<0.23	<0.22	<0.21
Naphthalene	**100**	10	<0.25	1.04	0.64	<0.119	<0.2	<0.21	<0.22	<0.21	NS	<0.21	<0.22	<0.23	<0.22	<0.21
Phenanthrene			<0.25	1.13	2.76	<0.119	0.13J	0.591	0.07 J	0.2 J	NS	<0.21	0.29	<0.23	0.14 J	0.12 J
Pyrene	**250**	50	0.11J	0.43	0.59	<0.119	<0.2	1.23	<0.22	<0.21	NS	<0.21	0.18 J	<0.23	<0.22	<0.21
VOCs (ug/l)																
Acetone	**1000**	200	8.3J	7J	6.9J	<40	<40	<40	<40	<40	NS	7.4J	<40	7.9J	<40	<40
Benzene			<2	<2	<2	0.22J	<2	<2	<2	<2	NS	<2	<2	<2	<2	<2
Bromomethane	**10**	1	<2	<2	<2	<2	<2	<2	<2	<2	NS	<2	<2	<2	<2	<2
Carbon Disulfide	**1000**	200	<2	1J	<2	<2	<2	<2	<2	<2	NS	<2	<2	<2	<2	<2
Chlorobenzene			<2	<2	<2	0.37J	<2	<2	<2	<2	NS	<2	<2	<2	<2	<2
Chloroform	**6**	0.6	<0.2	<0.2	<0.2	<0.2	<2	0.85 J	<2	<2	NS	<0.2	0.3 J	<0.2	<2	<2
Chloromethane	**3**	0.3	<2	<2	<2	<2	<2	<2	<2	<2	NS	<2	<2	<2	0.42 JB	0.43 JB
cis-1,2-Dichloroethene	**70**	7	<2	<2	<2	<2	<2	<2	<2	<2	NS	<2	<2	<2	<2	<2
Ethylbenzene	**700**	140	<2	<2	<2	0.27j	<2	<2	<2	<2	NS	<2	<2	<2	<2	<2
m,p-Xylene			<4	<4	<4	<4	<4	0.45 JB	<4	<4	NS	<4	0.37 JB	<4	<4	0.3 J
Methylene chloride	**5**	0.5	0.4J	0.32J	0.33J	0.94J	<2	<2	<2	<2	NS	0.33J	<2	0.33J	0.46 JB	<2
o-xylene			0.76J	0.72J	0.8J	0.87J	<2	<2	<2	<2	NS	0.77J	<2	0.79J	<2	<2
Tetrachloroethene	**5**	0.5	0.67J	0.47J	0.68J	1.1J	0.52 JB	0.71 JB	0.54 JB	0.68 JB	NS	0.55J	<2	0.58J	<2	0.75 J
Toluene	**1,000**	200	1.5J	0.26J	0.54J	0.54J	0.3 JB	0.48 JB	0.44 JB	0.45 JB	NS	0.25J	0.41 JB	0.26J	0.42 JB	0.3 JB
Trichloroehene	**5**	0.5	<2	<2	<2	<2	<2	<2	<2	<2	NS	<2	<2	<2	<2	<2
Xylene (Total)	**10,000**	1,000	0.76J	0.72J	0.87J	0.715	<6	<6	<6	<6	NS	0.77J	<6	0.79J	<6	<6

Notes:
VOCs = Volatile Organic Compounds analyzed using EPA Method 8260
ug/l = micrograms per liter (ppb)
mg/l = milligrams per liter (ppm)
NR 140 ES = Wisconsin Administrative Code Chapter NR 140 Enforcement Standard
NR 140 PAL = Wisconsin Administrative Code Chapter NR 140 Preventive Action Limit
Enforcement Standard Exceedances are bolded
J - result is reported between Method Detection Limit and Limit of Quantitation (LOQ) and are therefore less certain than results detected at or above the LOQ
B - Analyte detected in the method blank

ENVIRON

February 1, 2011

Mr. Tom Hvizdak
Wisconsin Department of Natural Resources
Wisconsin Rapids Office
473 Griffith Avenue
Wisconsin Rapids, WI 54494

Re: Request for Site Closure
Domtar A.W., LCC – Port Edwards Production Area
WDNR BRRTS No. 02-72-554728

Dear Tom:

Domtar A.W., LLC is requesting the Wisconsin Department of Natural Resources (WDNR) review the above referenced site for closure status. We have attached the necessary documentation to this letter along with the WDNR Case Closure Request Form 4400-202.

We appreciate the WDNR's consideration of this request. If you have any questions regarding this information, please contact me at 262-901-0095.

Sincerely,

ENVIRON International Corporation

James L. Hutchens, PE
Senior Manager

cc: Stewart Marcoux, Domtar
Barry Zeurcher, Domtar
David Ulrich, Domtar
Tom McElligott, Quarles & Brady

WDNR BRRTS CASE # 02 - 72 - 554728 WDNR SITE NAME : Domtar Port Edwards Production Area

WISCONSIN DEPARTMENT OF NATURAL RESOURCES
Remediation and Redevelopment Program

This form is intended to provide instructions and a list of information that must be submitted for evaluation for case closure, each time a request is made. The closure of a case means that the Department has determined that no further response is required at that time based on the information that has been submitted to the Department.

NOTICE: ***Completion of this form is mandatory*** *for applications for case closure pursuant to ch. 292, Wis. Stats. and ch. NR 726, Wis. Adm. Code, including cases closed under ch. NR 746 and ch. NR 726. The Department will not consider, or act upon your application, unless all applicable sections are completed on this form and the closure fee and any other applicable fees, required under ch. NR 749, Wis. Adm. Code, Table 1 are included. It is not the Department's intention to use any personally identifiable information from this form for any purpose other than reviewing closure requests and determining the need for additional response action. The Department may provide this information to requesters as required by Wisconsin's Open Records law [ss. 19.31 - 19.39, Wis. Stats.].*

In order to expedite the closure process, provide a complete and accurate closure package according to the following instructions, each time a closure decision is requested:

- Submit the Case Closure Request form and the required attachments as a stand-alone, **unbound** package. Include all information requested per section, as appropriate to the site, in the order shown. Include all attachments per section, as appropriate. Do not attach previously submitted reports. Correctly reference any reports in the case summary, as applicable.
- Include fees with this request at the time it is submitted to the department in order for the application to be considered complete.
- Specify your selected closure option.
- **Use forms 4400-245 and 4400-246 for Section H.** Include all **GIS Registry information** (in Section H) as a stand-alone document (*do not refer to materials in other attachments*). Include copies of all off-source property and ROW notifications.
- Place a √ (attached) or NA (not applicable) in the blank next to each attachment, in each section.
- Include a maintenance plan, if it is required for the implemented remedial action.
- **Maps for the GIS Registry may not be larger than 8.5 x 14 inches,** unless maps are submitted in electronic form in portable document format (pdf) readable by the Adobe Acrobat Reader. For electronic document submittal requirements, see http://dnr.wi.gov/org/aw/rr/archives/pubs/RR690.pdf.
- Prepare maps according to the applicable portions of ss. NR 716.15(2)(h)1 and 726.05(3)(a)4.d. Prepare visual aids, including maps, plans, drawings, cross sections, fence diagrams, tables and photographs according to s. NR 716.15(2)(h)1. – 4.
- **Use a bold font** on information of importance on tables, maps and figures. A **bold font (for ES exceedances)** and *italics (for PALs)* are preferred when differentiation is necessary. **Please do not use shading or highlights** on any of the analytical tables (per s. NR 726.05(3) and maps as the shading obscures the information that is scanned for inclusion in the GIS Registry.
- Put multiple tables submitted for contaminated media data (eg. pre- and post-remedial data) in chronological order. Include the level of detection for results which are below the detection level (i.e. do not just list as no detect (ND)). Summaries of all data should include information collected by previous consultants. Do not submit lab data sheets unless these have not been submitted in a previous report. Tabulate all data required in s. NR 716.15(2)(g)3 in the format required in s. NR 716.15(2)(h)3.
- Document free product recovery estimates as required in s. NR 708.15, if applicable.

WDNR BRRTS CASE # 02 - 72 - 554728 WDNR SITE NAME : Domtar Port Edwards Production Area

Section A: Case History and Closure Pathway Selected

ATTACHMENTS:

X A brief site summary including results of all investigative activities, interim and remedial actions taken, a description of any residual soil and/or groundwater contamination and their locations, a description of any other media affected, and a description of how actual and potential impacts to receptors have been addressed.

X Site location map on USGS topographic base map.

X Site map including buildings, utilities, property lines of source property and impacted non-source properties, ground cover and supply wells, including any municipal wells. *These maps may be combined.*

X Verification of the zoning for affected properties.

INFORMATION NEEDED:

1. Site Name Domtar Port Edwards Production Area
   Street Address: 100 Wisconsin River Road
   City/Zip Code: Port Edwards, WI 54469-1436
2. BRRTS #: 02-72-554728
3. DNR FID #: 772010580 PECFA Claim#: ____
4. Responsible Party Name Domtar A.W., LLC
   Mailing Address: 395 de Maisonneuve Blvd. City/Zip Code: Montreal, Quebec, Canada H3A 1LC
   Phone number: 514-848-5555 E Mail Address: Stewart.Marcoux@domtar.com
   Contact Person: Mr. Stewart Marcoux
5. Date of Incident/Discovery: 11/23/2009 Contaminant Type(s): petroleum, metals, VOCs
6. Quantity Released: Unknown, minimal impacts identified
7. Land Use:
   Current : ____ Residential ____ Commercial X Industrial ____ Other
   If other, specify: ____
   Planned Post Remediation : ____ Residential ____ Commercial X Industrial ____ Other
   If other, specify: ____
8. Is a zoning change required? ____Y X N
   If so, has it been completed for post remedial land use? ____Y ____N
9. >100 Acres ready for use (The total area in acres of all adjacent tax parcels owned by the same entity on the site where the contamination originated, rounding fractions to nearest .5 acre and noting >100 acres for acreages above 100 acres. For multiple discharges that are cleaned up concurrently, count the acres once.)
10. Geographic Coordinates (meters/WTM83/91) E 531291 N 429311
11. Method Used to Obtain Geographic Coordinates:
    ____ On-site using GPS equipment, converted or projected into WTM83/91 coordinates
    ____ Used county web map site to get coordinates
    X Used RR Sites Map web site to get WTM83/91 coordinates
    ____ Other (specify): ____
12. *Groundwater Contamination Remaining (>ES):
    On Source Property X Y ___ N
    Off Source Property ___Y X N
13. *Residual Soil Contamination > Generic or Site-Specific RCL:
    On Source Property X Y ___ N
    Off Source Property ___Y X N
14. Contamination in Right of Way: ___Y X N
15. Closure Pathway Selected: check all that apply

CLOSURE via NR 726	
Soil	Groundwater
X < s. NR 720.09/720.11 Generic RCLs	X < s. NR 140.10 Table 1 & Table 2 Values
___s. NR 720.19(2) Soil Performance Standards	___s. NR 140.28(2) PAL Exemption
___s. NR 720.19(4) Groundwater Pathway	___s. NR 726.05(2)(b), ≥ ES Natural Attenuation

WDNR BRRTS CASE # 02 - 72 - 554728 WDNR SITE NAME: Domtar Port Edwards Production Area

___s. NR 720.19(5) Direct Contact	
___s. NR 720.19(6) Other Pathways	

CLOSURE via NR 746 and NR 726	
Petroleum Storage Tank **Soil** Options for Closure:	
___s. NR 746.07 Requirements Met-Post Investigation	
___s. NR 746.08 Requirements Met-Post Remed.	
Petroleum Storage Tank **GW** Options for Closure:	Petroleum Storage Tank **GW** Options for Closure:
Within Permeable Material:	Within Low Permeability Material:
___s. NR 746.07(3) ≥PAL <ES, Post Investigation	___s. NR 746.07(2), Post Investigation
___s. NR746.07(4) >ES, Post Investigation	___s. NR 746.08(2), Post Remediation
___s. NR 746.08(3)≥ PAL, <ES, Post Remediation	
___s. NR 746.08(4) >ES, Post Remediation	

Section B: Receptor Summary

ATTACHMENTS:

N/A Notification(s) regarding contamination in ROW
N/A Notification(s) to off-source property owners regarding sampling results

INFORMATION NEEDED:

1. Identify **all** pre-remedial actual receptors, the assessed risk and their locations (e.g., both on- and off-site utility corridors, basements or sumps of nearby buildings, direct contact threat from soil, water supplies, surface waters, sediments, vapors, etc.) *For definitions, refer to s. NR 700.03 (47), Wis. Adm. Code.*
   Facility basement, Wisconsin River downgradient
2. Have the remedial actions addressed the potential or actual impacts to these receptors?
   X Y (Details in the case history summary (Section A)).
   ___N If no, please identify the nature of the remaining risk and the receptor at risk, if any:

Section C: Soil Investigation Information

ATTACHMENTS:

X Complete soil data summary table of field screening and laboratory analytical results, including all detects, regardless of ch. NR 720 standards, with dates, sample locations, depths and detection limits. Identify exceedances.
X Map(s) of all pre-remedial soil sampling locations: depicting all soil sample locations relative to site facilities. Note in bold font those sample locations that exceed ch. NR 720 RCLs (including free product location) and delineate the extent of contamination.
X Pre-remedial geologic cross-sections; including geology, source location(s), extent of soil and groundwater contamination, free product location/depth, soil sample locations, water table elevation, and bedrock elevation, if encountered.

INFORMATION NEEDED:

1. Extent Defined? X Y ___N If not, explain why. ___
2. Soil Type(s): silty sand, sand

WDNR BRRTS CASE # 02 - 72 - 554728 WDNR SITE NAME : Domtar Port Edwards Production Area

3. Depth of Contamination: Top: 0' Bottom: 10'
4. Type of Bedrock: granite Depth to Bedrock: >25'
5. Is Any Contaminated Soil (Unsaturated or Saturated) in Contact With the Bedrock? ____Y X N
6. Measurable Free Product? ____Y X N Depth/Location: _____

Section D: Soil Remediation Information

ATTACHMENTS:

X Map showing remediated area (for example, excavation limits or area influenced by SVE) and locations of post-remediation soil samples (if any). This map should show the locations and extent of residual soil contamination exceeding ch. NR 720 RCLs. These samples should be noted in bold font. *A copy of the map(s) from Section H(form 4400-245) may be used.*

N/A Soil disposal documentation

N/A NR 720.19 analysis, assumptions and calculations for site specific RCLs (SSRCLs) , with justification

N/A Calculations and results of EPA Soil Screening Level Model.

N/A Post-remedial cross-section(s) with post remedial soil sampling results, if soil removal or treatment has occurred. Identify sample results and depths. *A copy of the cross-section(s) from Section H(form 4400-245) may be used or you may refer to the cross-section(s) in Section E, as appropriate.*

____see Section E

INFORMATION NEEDED:

1. Remedial Action Completed? ____Y X N
2. Were immediate or interim actions conducted? ____Y X N If yes, what action was taken?
3. Brief description of remedial action taken:
4. Were soils excavated? _____Y X N
   Quantity: _____ Disposal Method: _____
5. Final Confirmation Sample Collection Methods: N/A
6. Final Soil/Drill Cuttings Disposal Location: N/A
7. Estimated volume and depth of in situ soils exceeding ch. NR 720 Table RCLs or Site Specific RCLs: N/A
8. Estimated volume and depth of in situ soils exceeding ch. NR 746 Table 1 or Table 2 or Site Specific RCLs (*underground petroleum tank systems, as defined in ch. NR 746 only*): N/A
9. s. NR 720.19 Analysis? _____Y X N
   ___ Performance Standard -NR 720.19(2)
   ___ SSRCL - NR 720.19(3) and (4),(5) or (6)
10. If the remedy includes a Soil Performance Standard, what type? X not applicable
    ____Cap ____ Soil ____Building ____ Natural Attenuation of Groundwater ____Other
    Specify other: _____
11. Will the maintenance of the SPS be consistent with the planned post remediation land use?
    _____Y _____N If No, please explain: _____
12. Is the EPA Soil Screening Level Model used as justification for closure of sites with residual contaminated soils?
    ____ Y X N Are the input numbers used: _____ Site Specific , or _____ WI Defaults?

Section E: Groundwater Information

ATTACHMENTS:

X Table identifying all contaminants, summarizing all pre- and post-remediation groundwater analytical results, with sample collection dates *(prepared in accordance with guidance document RR-628)*

WDNR BRRTS CASE # 02 - 72 - 554728 WDNR SITE NAME: Domtar Port Edwards Production Area

X Groundwater sample location map showing the site facilities and all monitoring wells, sumps, extraction wells, and potable and non-potable wells.

N/A Isoconcentration map(s) when included as part of the site investigation or map(s) of the horizontal extent of contamination based on most recent data. *A copy of the map(s) from Section H (from 4400-245) may be used.*

X A map showing groundwater flow direction(s) and summarizing the maximum variation in flow direction. *Multiple maps may be used. A copy of the map(s) from Section H (form 4400-245) may be used.*

N/A A table summarizing all groundwater elevations, with dates, and top and bottom elevations of well screens. (*Wells are to be referenced to national geodetic survey datum, as per NR 141.065(2)).*

N/A Graphs and statistical analyses which demonstrate the dynamics of the groundwater plume, for sites requesting closure using natural attenuation that meet the criteria s. NR 726.05(2)(b) or of s. NR 746 (permeable soils). *Refer to WDNR publication RR-614 for guidance.*

N/A Geologic cross-sections showing extent of residual soil and/or groundwater contamination, as applicable. *A copy of the cross-section(s) from Section H, (form 4400-245) may be used.*

INFORMATION NEEDED:

1. Extent of Contamination Defined? X Y ____ N ____ N/A
2. Remedial Action Completed? ____ Y X N ____ N/A
   Brief Description of Remedial Action Taken: N/A
3. Depth(s) to Groundwater 6' to 14' Flow Direction(s): southwest
4. Field Analyses? ____ Y X N
   Lab Analyses? X Y ____ N
5. 1 # of Sample Rounds
   13 # of Sampling Points
   0 # NR 141 Monitoring Wells Sampled
   13 # Temporary GW Sampling Points Sampled
   0 # Recovery Sumps Sampled
   0 # Municipal Wells Sampled
   0 # Private Wells Sampled
6. Was DNR notified of substances in groundwater without standards? X Y ____ N ____ N/A
   If yes, how many? ____ What substances? PAHs, VOCs
7. Preventive Action Limit currently exceeded? X Y ____ N If yes, identify location(s)
   L1-012-Nitrate
8. Enforcement Standard currently exceeded? X Y ____ N If yes, identify location(s)
   L1-013-Sulfate L5-001-Chrysene
9. Measurable free product detected? ____ Y X N Pre-remediation
   ____ Y X N Post-remediation
10. Was free product remediated? ____ Y X N
    Method: ____
    Purge water or free product-groundwater mixture disposal method? ____
11. Potable wells within 1200 feet of site? ____ Y X N
    Have they been sampled? ____ Y ____ N
    Type (i.e. municipal, private, etc.)? ____
    [NOTE: Include wells on *groundwater well location map*]
12. Has DNR been provided with **all** results of private well sampling? ____ Y ____ N
13. Have well owners/occupants been notified of results? (*Sec. B Attachments*) ____ Y ____ N
    (*Results also need to be sent to the DNR Water Supply Specialist)*
14. Are there any monitoring wells that have not been located for abandonment? ____ Y ____ N
15. Identify the property address(es) where the missing well is located: ____

WDNR BRRTS CASE # 02 - 72 - 554728 WDNR SITE NAME : Domtar Port Edwards Production Area

Section F. Other Contaminated Media Information:

ATTACHMENTS:
N/A Table of analytical results for all contaminants for media other than soil or groundwater

INFORMATION NEEDED:
1. Have other media been impacted (either on-site or off-site e.g. sediment, utilities, air)? _____Y X N
   Briefly describe type and extent of **all** contamination found in media other than soil or groundwater:
2. Remedial action completed? _____Y _____N X N/A
   Brief description of remedial action taken: _____
3. # of Post Remedial Sample Rounds: _____
   # of Sampling Points: _____
   Field Analyses? _____Y _____N
   Lab Analyses? _____Y _____N

Section G. Associated Site Closure Information:

ATTACHMENTS:
N/A Construction documentation or as-built report for any constructed remedial action or portion of, or interim action specified in s. NR 724.02(1), in accordance with s. NR 724.15.
N/A Maps and photos documenting the cap area, and/or integrity of the cap, with date.
N/A Description of any soil performance standard cover system used, including a description of how it meets the requirement to be protective until residual contaminant concentrations no longer pose a threat to public health, safety, welfare or the environment, per s. NR 720.19(2), s. NR 722.09(2) and (3).
N/A Maintenance plan associated with 292.12 land use control or for performance standard remedy. (per ss. NR 720.19(2) and 724.13(2))

INFORMATION NEEDED:
1. Enforcement actions closed out? ____Y _____N X N/A
2. Permits closed out? ____Y _____N X N/A
3. Describe how the following pathways are protected:
   a) Direct Contact Pathway: paving/building over impacted area
   b) Groundwater: _____
   c) Other: _____

Section H. Required GIS Registry Information: Use form 4400-245, GIS Registry Checklist, and form 4400-246, Impacted Off-Source Property Information. Submit these forms and their attachments with this closure request form.

WDNR BRRTS CASE # 02 - 72 - 554728 WDNR SITE NAME: Domtar Port Edwards Production Area

I certify that, to the best of my knowledge, the information presented on and attached to this form is true and accurate. This recommendation for case closure is based upon all available data as of 1/17/2011 (date). I have read the Case Closure Request Form instructions and all required information has been included.

Form Completed By: _____ (Signature) 1/17/11 (Date)

____ **$750.00 Closure Review Fee Attached**
____ **$250.00 GIS Registry Maintenance Fee Attached (GW and/or monitoring well to be abandoned)**
____ **$200.00 GIS Registry Maintenance Fee Attached (Soil)**

Printed Name: James L. Hutchens, PE

Company Name: ENVIRON International Corporation

Email address: jlhutchens@environcorp.com

If not site owner, relationship to site owner: Environmental Consultant

Address: 175 N. Corporate Dr., Ste 160 City/Zip Code Brookfield, WI 53045

Telephone Number: (262) 901-0099 FAX Number: (262) 901-0079

Source Property Owner's Name (if different from person conducting the cleanup): Domtar Corporation

Address: 395 de Maisonneuve Blvd. City/Zip Code Montreal, Quebec H3A 1LC

Telephone Number: (514) 848-5555 Email Address: Stewart.Marcoux@domtar.com

Environmental Consultant (if different than above): ENVIRON International Corporation

Address: 175 N. Corporate Dr., Ste 160 City/Zip Code Brookfield, WI 53045

Email Address: jlhutchens@environcorp.com

Telephone Number: (262) 901-0099 FAX Number: (262) 901-0079

WDNR BRRTS CASE # 02 - 72 - 554728 WDNR SITE NAME : Domtar Port Edwards Production Area

FOR DEPARTMENT USE ONLY

PROJECT MANAGER: Hvizdak Date Reviewed: 3/18/11

( ) **Approved** ( ) **Denied** ( ) **Sent to Committee** (Date: _____)

CLOSURE COMMITTEE DECISION ON CLOSURE:

FIRST COMMITTEE REVIEW DATE: 3-18-11 (X) **Approved** ( ) **Denied**

(Signature)	Bill Evans (Signature)	James E Boettcher (Signature)	(Signature)

COMMITTEE RECOMMENDATION:

X **Closure Approved With:**

- ____ No Restrictions
- X Listing on GIS Registry due to Groundwater impacts
- X Listing on GIS Registry due to Soil impacts
- ____ Zoning Verification
- ____ Well Abandonment Documentation
- ____ Soil Disposal Documentation
- ____ NR 140 Exemption For: _____
- ____ VPLE Insurance needed
- ____ ROW notification needed
- X Cap required, maintenance plan needed for cap FOR FORMER BLDG + SOUTHERN ASPHALT PARKING AREA
- ____ Structural Impediment – notification and investigation needed if change in land use
- ____ Maintain Zoning - Industrial Land Use soil standards applied
  - notification needed if change in land use
- ____ Site Specific Closure Letter
- ____ Deed Restriction
- ____ Deed Notice
- ____ Other

Conditions/Comments: _____

_____ **Closure Denied, Needs More:**

- ____ Investigation
- ____ Groundwater Monitoring
- ____ Soil Remediation
- ____ Groundwater Remediation
- ____ Documentation of Soil Landspreading or Biopile Destiny

Specific Comments:

WDNR BRRTS CASE # 02 - 72 - 554728 WDNR SITE NAME : Domtar Port Edwards Production Area

FOR DEPARTMENT USE ONLY

PROJECT MANAGER: _____ Date Reviewed: _____

( ) **Approved** ( ) **Denied** ( ) **Sent to Committee** (Date: _____)

CLOSURE COMMITTEE DECISION ON CLOSURE:

SECOND COMMITTEE REVIEW DATE: _____ ( ) **Approved** ( ) **Denied**

_____	_____	_____	_____
(Signature)	(Signature)	(Signature)	(Signature)

COMMITTEE RECOMMENDATION:

_____ **Closure Approved With:**

- _____ No Restrictions
- _____ Listing on GIS Registry due to Groundwater impacts
- _____Listing on GIS Registry due to Soil impacts
- _____ Zoning Verification
- _____ Deed Restriction
- _____ Deed Notice
- _____ Site Specific Close Out Letter
- _____ Well Abandonment Documentation
- _____ Soil Disposal Documentation
- _____ NR 140 Exemption For: _____
- _____VPLE Insurance needed
- _____ Other Conditions/Comments:_____

_____

_____

_____

_____ **Closure Denied, Needs More:**

- _____ Investigation
- _____ Groundwater Monitoring
- _____ Soil Remediation
- _____ Groundwater Remediation
- _____ Documentation of Soil Landspreading or Biopile Destiny
- _____Specific Comments: _____

_____

_____

_____

Site Summary – Domtar Port Edwards
Production Area
BRRTS #02-07-554728

Site Location and Legal Description

The property is located in Wood County, Wisconsin. The street address of the site is 100 Wisconsin River Drive, Port Edwards, Wisconsin 54469. The site is bordered to the south and east by the Wisconsin River in Port Edwards, about 0.25 miles south of Highways 54 and 73.

Figure 1 shows the location of the site. Figure 1 was developed from the Wisconsin Rapids - South, Wisconsin Quadrangle, United States Geological Survey (USGS) 7.5-minute quadrangle map dated 1984. Figure 2 depicts the layout of the property.

Property Use

The site was originally developed with a sawmill in 1840 and converted to a paper mill in 1886. The Port Edwards Mill previously produced about 230 tons of sulfite pulp per day from mixed hardwood chips and used an additional 300 tons per day of purchased pulp to produce 530 tons of finished paper per day. Paper was made by using sulfite pulp produced at the facility from raw logs, bleached pulp purchased from other mills, broke, and recycled paper. The mill ceased operations on June 27, 2008.

The property's history of industrial activity as a pulp and paper mill dates back to the 1880s. Available records indicated that reportable releases and spills have occurred since modern record keeping began. The age and condition of the sewer system is unknown. In addition, there was some staining near the chemical delivery area on the southeast portion of the building, south of the #8 paper machine, as well as in the rail chemical delivery area for the acid plant.

Investigation Activities

Based on the above history, a site investigation was performed throughout the process areas of the facility. Investigation consisted of the following:

- Twenty-two direct push borings were advanced in and around the Mill building. Only one of the sampling locations (L1-012) had significant PID readings (460 units). No other odors, staining, or obvious signs of contamination were noted in any of the borings. Soil sample were analyzed for VOCs, PAHs, and RCRA Metals.
- Thirteen temporary wells were installed throughout the Mill process area. In addition, a location upgradient of the facility was sampled for background concentrations. Water was analyzed for VOCs, PAHs, and dissolved RCRA 8 Metals.

- Four surface samples (0 to 1 feet) were obtained within the fenced transformer area south of the main facility. The samples were analyzed for PCBs. Figure 3 identifies all of the boring locations at the site.

Results

Soil in the area consisted of sand with gravel and fill material over fine to coarse sand. The sample with the elevated PID reading (L1-012) was at a depth of 12 to 14 feet and was stained with a petroleum type odor with glass and other debris. The soils above this sample did not exhibit any odors or discoloration. Depth-to-water ranged from 8 to 14 feet. Analytical results of the soil and groundwater samples are summarized below:

- All process area samples detected arsenic concentrations. However, all samples with the exception of L1-001 were within the typical background concentrations observed in Wisconsin (5 to 10 mg/kg). L1-001 had a concentration of 41.2 ppm along with elevated levels of chromium and lead (217 ppm and 113 ppm, respectively). This boring was advanced southeast of the maintenance shop and may indicate fill material used in that area as the source of the contamination. Elevated chromium levels were also identified in L1-002 (71.8 ppm), L1-003 (35.3 ppm), and L5-001 (14.1 ppm). These elevated chromium levels could be the result of fill materials in these locations as well. The only other soil detections above standards were for benzo(a)pyrene in L1-004 (0.457 ppm), L1-005 (0.486 ppm), L1-010 (0.817 ppm), and L1-014 (0.508 ppm). No other metals, VOCs, or PAHs were detected above soil standards in the process area borings.
- Concentrations above NR 140 groundwater enforcement standard (ES) or preventive action limit (PAL) included the following: L5-001 had a detection of chrysene at 0.27 ppb, which is marginally above the ES of 0.2 ppb. L1-009, located near the acid plant, had a detection of methylene chloride (a common laboratory contaminant) at 0.94 ppb, which is below the NR 140 enforcement standard of 5 ppb. The sulfate level in L1-013 (672 ppm) was above the NR 140 ES (250 ppm) for public welfare.
- Two of the samples within the transformer area had very low levels (0.2 to 3.1 ppm) of Aroclor 1254.

Groundwater flow in the area has been determined to flow in a southwesterly direction as shown in Figure 4. Tables 1-1 through 1-4 identify the laboratory results for soil samples. Table 2 identifies the groundwater results for the monitoring wells. Figures 5 through 7 depict the geologic cross sections across the site based on the boring logs for the site.

The entire area is covered with concrete paving or the existing mill building.

Table 1-1
Soil Sampling Results Summary - Site Investigation
Domtar Industries, Inc. - Port Edwards, Wisconsin
Location 1 - Process Area

	WDNR RCL	L1-001 (6-8')	L1-002 (8-10')	L1-003 (8-10')	L1-004 (8-10')	L1-005 (10-12')	L1-006 (8-10')	L1-007 (8-10')	L1-008 (10-12')	L1-009 (8-10')	L1-010 (8-10')	L1-011 (0-4')	L1-011 (4-8')	L1-012 (0-2')	L1-012 (12-14')	L1-013 (0-2')	L1-013 (6-8')	L1-014 (0-2')	L1-014 (6-8')	L1-015 (0-4')	L1-015 (6-8')
PID Readings		0.0	0.0	0.0	0.0	0.0	0.0	0.4	2.5	0.0	0.0	2.0	3.2	3.7	460	0.6	1.3	0.9	4.3	0.0	0.0
Sample Date		Jan-09	Jan-09	Jan-09	Jan-09	Jan-09	Jan-09	Jan-09	Jan-09	Jan-09	Jan-09	Sep-09	Sep-09	Sep-09	Sep-09	Sep-09	Sep-09	Sep-09	Sep-09	Sep-09	Sep-09
Total RCRA Metals (mg/kg)																					
Arsenic	**1.6**	**41.2**	**4.6 J**	**3 J**	**1.5 J**	**2.3 J**	0.92 **J**	1.5 J	**1.8 J**	0.71 **J**	0.96 **J**	<5.27	<5.25	<5.13	**2.9 J**	<5.26	<5.26	<4.97	<4.98	**2.8 J**	<6.05
Barium		75.8	83.3	57.9	36.3	33.3	46.5	36.8	12.4	17.7	18.2	57.3	57.2	36.6	41.1	52.6	44.1	24.5	23.2	66.6	83.3
Chromium	**200**	**217**	71.8	35.3	6.71	12.4 **B**	8.0	7.14	8.1	11.1	8.1	8.33	11.4	10.6	64	11.7	11	<7.45	10.1	19.8	17.3
Copper		NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	10.3	8.92	5.35	41.8	13.1	14.2	7	6.61	228	14.9
Lead	**500**	113	1.4 **J**	3.9 **J**	6.97	37.3	1.5 **J**	3.2	8	1.8 **J**	1.2 **J**	33.6	14.3	7.07	10.4	22.9	20.9	3.2 J	7.8	224	3.7 J
Mercury		0.658	0.054	0.0379	0.0444	0.0789	0.011 **J**	0.0284	0.453	0.024 **J**	<0.0307	0.0518	0.0405	0.013	7.3	0.0774	0.16	0.014 J	0.019	0.33	0.015 J
Selenium		<5.49	<5.02	<5.99	<5.16	<2.69	<2.5	<5.2	1.2 **J**	<2.6	<2.49	<5.27	<5.25	<5.13	<5.89	<5.89	<5.26	<4.97	<4.98	<5.41	<6.05
Silver		<5.49	<5.02	<5.99	<5.16	<2.69	<2.5	<5.2	<2.63	<5.2	<2.49	<5.27	<5.25	<5.13	<5.89	<5.89	<5.26	<4.97	<4.98	<5.41	<6.05
PAH's (ug/kg)																					
Acenaphthene	**60000000**	<27.6	<25.6	<31.2	186.0	929.0	<24.7	<27	<26.5	<25.7	<25.3	69.8	6.3J	<4.11	346	2J	6.3	3J	1J	5.4	<4.97
Acenaphthylene	**360000**	<138	<128	<156	<128	<124	<124	<135	<132	<128	<128	124	<85.3	<20.5	129	6J	42.7	8J	<21.1	13J	<24.9
Anthracene	**300000000**	<27.6	<25.6	<31.2	368.0	847.0	<24.7	<27	<26.5	<25.7	<25.3	386	19J	<20.5	115	9J	39.5	47.2	6J	37.6	<24.9
Benz(a)anthracene	**3900**	35.8	<25.6	<31.2	516.0	857.0	<24.7	<27	<26.5	<25.7	<25.3	1020	57J	1J	348	34J	160	494	20J	138	<24.9
Benzo(a)pyrene	**390**	49.6	<25.6	<31.2	**457.0**	**486.0**	<24.7	<27	<26.5	<25.7	<25.3	**817**	44J	<103	120J	32J	173	**508**	18J	118	<124
Benzo(b)fluoranthene	**3900**	38.6	<25.6	<31.2	355.0	507.0	<24.7	<27	<26.5	<25.7	<25.3	927	53J	<41.1	202	42J	213	728	20J	149	<49.7
Benzo(g,h,i)perylene	**39000**	55.1	<25.6	<31.2	378.0	358.0	<24.7	<27	<26.5	<25.7	<25.3	558	61J	<103	44J	27J	127	424	12J	110	<124
Benzo(k)fluoranthene	**39000**	<27.6	<25.6	<31.2	217.0	287.0	<24.7	<27	<26.5	<25.7	<25.3	329	20J	<20.5	71	16J	82.1	239	8J	41.4	<24.9
Chrysene	**390000**	55.1	<25.6	<31.2	513.0	844.0	<24.7	<27	<26.5	<25.7	<25.3	931	47J	0.9J	264	33.8	169	538	18	123	<9.94
Dibenz(a,h)anthracene	**390**	<27.6	<25.6	<31.2	71.5	69.0	<24.7	<27	<26.5	<25.7	<25.3	117	427	<103	14J	5J	25J	87J	<105	16J	<124
Fluoranthene	**40000000**	102.0	<25.6	<31.2	1400.0	3190.0	<24.7	<27	<26.5	<25.7	<25.3	2140	100J	1J	1720	61.6	411	663	40J	259	0.6J
Fluorene	**40000000**	<27.6	<25.6	<31.2	125.0	879.0	<24.7	<27	<26.5	<25.7	<25.3	86	6J	<8.22	311	2J	15.3	8J	2J	9J	<9.94
Indeno(1,2,3-cd)pyrene	**3900**	44.1	<25.6	<31.2	337.0	350.0	<24.7	<27	<26.5	<25.7	<25.3	546	34J	<103	52J	2J	12.8	446	11J	72J	<124
Naphthalene	**110000**	<27.6	<25.6	<31.2	33.2	154.0	<24.7	<27	<26.5	<25.7	<25.3	16JB	56J	<8.22	39.5	29J	9.9	2J	2J	3J	<9.94
Phenanthrene	**390000**	88.2	<25.6	<31.2	1370.0	3530.0	<24.7	<27	<26.5	<25.7	<25.3	1140JB	80	0.7J	1050	32.4	250	171	23.8	133	0.9J
Pyrene	**30000000**	90.9	<25.6	<31.2	1250.0	2600.0	<24.7	<27	<26.5	<25.7	<25.3	1950	95	1J	1070	55	310	690	31	245	<24.9
Total VOCs (ug/kg)																					
Bromomethane		<200	<200	<200	<200	<510	<511	<200	<228	<210	<445	<333	<445	160 J	140 J	<446	<446	<445	<448	<458	<529
Chloroform		<251	<368	<276	<237	130 J	<256	<238	<456	<421	<222	<167	<222	<220	<262	<223	<234	<222	<224	29 J	<264
Chloromethane		<502	<735	<551	<475	<510	<511	<477	<228	<210	<445	<333	<445	150 J	160 J	<446	<446	<445	<448	<458	<529
Ethylbenzene	**2,900**	21 J	<368	<276	<237	<255	21 J	<238	<228	<421	<222	<167	<222	<220	<262	<223	<234	<222	<224	<229	<264
m,p-Xylene		230 J	330 J	230 J	210 J	230 J	240 J	210 J	220 J	190 J	200 J	<333	<445	<440	<525	<446	<446	<445	<448	<458	<529
o-xylene		94J	130J	85J	81J	83J	85J	69J	80J	68J	71J	<167	<445	<220	<262	<223	<234	<222	<224	<229	<264
Tetrachloroethene		32 J	58 J	34 J	43 J	<60	43 J	40 J	19 J	18 J	38 J	14 J	19 J	21 J	26 J	31 JB	34 JB	31 JB	57 JB	37 JB	34 JB
trans-1,2-Dichloroethene		24 J	<368	<276	<237	<255	<256	<238	<220	<210	<222	<167	<222	<220	<262	<223	<234	<222	<224	<229	<264
Xylenes, total	**4,100.00**	330 J	450 J	320 J	290 J	310 J	320 J	280 J	300 J	260 J	270 J	<500	<667	<660	<787	<669	53 J	<667	<672	<687	<793

Notes:

Total RCRA Metals analyzed using EPA Method 6020, except for mercury which was analyzed using EPA Method 7471
mg/kg = milligrams per kilogram (ppm)
ug/kg = micrograms per kilowgram (ppb)
VOCs = volatile organic compounds analyzed using EPA Method 8260B
PAH = polynuclear aromatic hydrocarbons analyzed using EPA method 8310
WDNR RCL - Soil cleanup standards (WDNR NR 720) or Soil Cleanup Levels for Polycyclic Aromatic Hydrocarbons (PAHs) Interim Guidance (RR 519)
Samples analyzed by Environmental Monitoring and Technologies, Inc. (WDNR Certification #999888890)
Exceedances of RCL are highlited and bolded
Only compounds with at least one detection are listed
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank

Table 1-2
Soil Sampling Results Summary - Site Investigation
Domtar Industries, Inc. - Port Edwards, Wisconsin
Location 4 - Chemical Delivery Area South of No. 8 Paper Machine

		L4-001	L4-002	L4-002	L4-003	L4-003
	WDNR RCL	(6-8')	(0-4')	(6-8')	(0-2')	(6-8')
PID Readings		0.0	2.1	1.2	2.4	3.1
Sample Date		Jan-09	Sep-09	Sep-09	Sep-09	Sep-09
Total RCRA Metals (mg/kg)						
Arsenic	1.6	1.4 J	<5.21	<5.63	<5.15	**2.5 J**
Barium		18.9	40.6	84.2	44.2	61
Chromium	200	13.4	9.32	15.4	8.4	8.34
Copper			18.7	22.7	10	9.37
Lead	500	1.7 J	49.7	97.5	23.8	33.9
Mercury		0.018 J	1.29	0.159	0.333	0.951
PAH's (ug/kg)						
Acenaphthene	60000000	<28.9	2.2 J	4.6 J	3.3 J	8 J
Acenaphthylene	360000	<145	<84.1	6 J	11 J	39 J
Anthracene	300000000	<28.9	<84.1	12 J	14 J	82 J
Benz(a)anthracene	3900	<28.9	35 J	39.7	42.6	83 J
Benzo(a)pyrene	390	<28.9	28 J	36 J	43 J	320 J
Benzo(b)fluoranthene	3900	<28.9	38 J	44 J	60	178
Benzo(g,h,i)perylene	39000	<28.9	25 J	29 J	36 J	1110
Benzo(k)fluoranthene	39000	<28.9	7.4 J	16 J	21	44 J
Chrysene	390000	<28.9	23 J	35.7	42.5	138
Dibenz(a,h)anthracene	390	<28.9	28 J	6.5 J	9 J	71 J
Fluoranthene	40000000	<28.9	73 J	80.3	71	42 J
Fluorene	40000000	<28.9	3 J	4.8 J	3.4 J	15 J
Indeno(1,2,3-cd)pyrene	3900	<28.9	19 J	20 J	36 J	270 J
Naphthalene	110000	<28.9	3.5 J	2.7 J	7.4 J	42.3
Phenanthrene	390000	<28.9	36.2	46.1	31	113
Pyrene	30000000	<28.9	55 J	68.3	68.5	208
Total VOCs (ug/kg)						
Bromomethane		<521	<296	<419	<403	170 J
Chloroform		<261	<148	<209	53 J	36 J
Chloromethane		<521	<296	<419	<403	89 J
m,p-Xylene		240 J	<296	<419	45j	<452
o-Xylene		88 J	<148	<209	38 J	<226
Tetrachloroethene		40 J	20 J	20 J	20 JB	27 JB
Xylenes, total	4,100	320 J	<444	<628	83 J	<678

Notes:

Total RCRA Metals analyzed using EPA Method 6020, except for mercury which was analyzed using EPA Method 7471
mg/kg = milligrams per kilogram (ppm)
ug/kg = micrograms per kilowgram (ppb)
VOCs = volatile organic compounds analyzed using EPA Method 8260B
PAH = polynuclear aromatic hydrocarbons analyzed using EPA method 8310
WDNR RCL - Soil cleanup standards (WDNR NR 720) or Soil Cleanup Levels for Polycyclic Aromatic Hydrocarbons (PAH
Samples analyzed by Environmental Monitoring and Technologies, Inc. (WDNR Certification #999888890)
Exceedances of RCL are highlited and bolded
Only compounds with at least one detection are listed
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank

Table 1-3
Soil Sampling Results Summary - Site Investigation
Domtar Industries, Inc. - Port Edwards, Wisconsin
Location 5 - Rail Chemical Delivery Area to the Acid Plant

	WDNR RCL	L5-001 (10-12')	L5-002 (12-14')	L5-003 (2-4')	L5-003 (10-12')	L5-004 (0-2')	L5-004 (10-12')
PID Readings		0.0	0.0	0.7	1.9	1.9	1.6
Date Sampled		Jan-09	Jan-09	Sep-09	Sep-09	Sep-09	Sep-09
Total RCRA Metals (mg/kg)							
Arsenic	1.6	0.97 J	0.93 J	<5.38	<4.79	<5.36	<4.74
Barium		28.7	20.6	114	15.4	69.6	22.6
Chromium	200	14.1	12.5	6.3 J	<7.19	6 J	10.8
Lead	500	2.5 J	5	40	6.17	53.4	1.1 J
Mercury		0.014 J	0.018 J	2.07	0.0375	0.164	0.017 J
PAH's (ug/kg)							
Acenaphthene	60000000	<25.3	<25.7	5.6 J	<4.08	<4.27	<4.1
Acenaphthylene	360000	<126	<129	34 J	<20.4	7.7 J	<20.5
Anthracene	300000000	<25.3	<25.7	32 J	<20.4	5 J	<20.5
Benz(a)anthracene	3900	<25.3	<25.7	111	<20.4	15 J	<20.5
Benzo(a)pyrene	390	<25.3	<25.7	83 J	<102	16 J	<102
Benzo(b)fluoranthene	3900	<25.3	<25.7	160 J	<40.8	22 J	<41
Benzo(g,h,i)perylene	39000	<25.3	<25.7	130 J	<8.16	14 J	<102
Benzo(k)fluoranthene	39000	<25.3	<25.7	43 J	<102	7.5 J	<20.8
Chrysene	390000	<25.3	<25.7	193	<40.8	15.4	<8.2
Dibenz(a,h)anthracene	390	<25.3	<25.7	24 J	<8.16	<107	<102
Fluoranthene	40000000	<25.3	38.60	252	<102	27 J	<41
Fluorene	40000000	<25.3	<25.7	7.8 J	<8.16	1.5 J	<8.2
Indeno(1,2,3-cd)pyrene	3900	<25.3	<25.7	95 J	<102	12 J	<102
Naphthalene	110000	<25.3	<25.7	16 J	<8.16	4.3 J	<8.2
Phenanthrene	390000	<25.3	54.00	152	0.61 JB	13.3	0.7 JB
Pyrene	30000000	<25.3	36.00	263	<20.4	22	<20.5
Total VOCs (ug/kg)							
Dibromochloromethane		<235	21 J	<238	<194	<224	<210
m,p-Xylene		210 J	250 J	<475	<387	39 J	<420
o-Xylene		81 J	95 J	<237	<194	24 J	<210
Tetrachloroethene		41 J	<60	41 JB	28 JB	28 JB	23 JB
Xylenes, total	4100	290 J	340 J	<713	<581	63 J	<630

Notes:

Total RCRA Metals analyzed using EPA Method 6020, except for mercury which was analyzed using EPA Method 7471
mg/kg = milligrams per kilogram (ppm)
ug/kg = micrograms per kilowgram (ppb)
VOCs = volatile organic compounds analyzed using EPA Method 8260B
PAH = polynuclear aromatic hydrocarbons analyzed using EPA method 8310
WDNR RCL - Soil cleanup standards (WDNR NR 720) or Soil Cleanup Levels for Polycyclic Aromatic Hydrocarbons (PAHs) Interim Guidance (RR 519)
Samples analyzed by Environmental Monitoring and Technologies, Inc. (WDNR Certification #999888890)
Exceedances of RCL are highlited and bolded
Only compounds with at least one detection are listed
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank

Table 2-1
Groundwater Sampling Results Summary - Site Investigation
Domtar Industries, Inc.
Port Edwards, Wisconsin

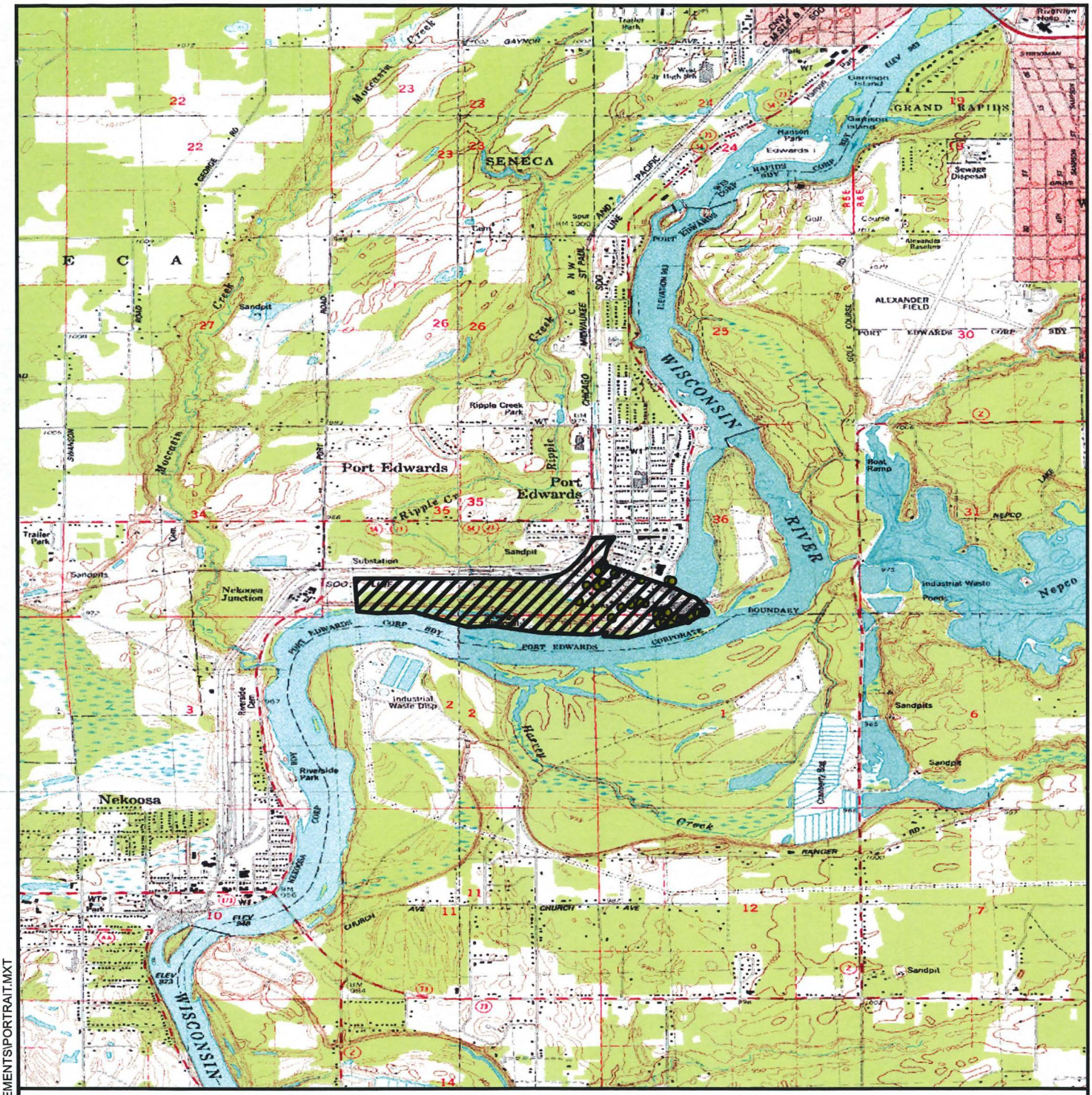
	NR 140 Standard		Location 1 - Process Area									Location 4 - Chemical Delivery Area		Location 5 - Rail Chemical Delivery Area		
	ES	PAL	L1-004	L1-005	L1-007	L1-009	L1-011	L1-012	L1-013	L1-014	L1-BG	L4-001	L4-003	L5-001	L5-003	L5-004
Nitrates & Sulfates (mg/L)																
Nitrogen, Nitrate (As N)	**10**	2	NS	NS	NS	NS	0.91	3.25	0.12 J	0.257	0.26	NS	0.15 J	NS	0.28	0.21
Nitrogen, Nitrite	**1**	0.2	NS	NS	NS	NS	<0.5	0.48 J	<0.5	0.23 J	0.2 J	NS	<0.5	NS	<0.5	<0.5
Sulfate	**250**	125	NS	NS	NS	NS	13.4	76.1	**672**	64	25.3	NS	46.4	NS	72.2	44
RCRA Metals, dissolved (mg/l)																
Barium	**2**	0.4	0.19	0.059J	0,124	0.04J	0.034 J	0.0703	0.349	0.059 J	NS	0.041J	0.446	0.052J	NS	NS
Chromium	**0.1**	0.01	<0.063	<0.063	<0.063	<0.063	<0.063	<0.063	0.0074 J	<0.063	NS	<0.063	<0.063	<0.063	NS	NS
Selenium			<0.063	<0.063	<0.063	0.036J	<0.063	<0.063	<0.063	<0.063	NS	<0.063	<0.063	<0.063	NS	NS
Silver	**0.05**	0.01	<0.063	<0.063	<0.063	<0.063	<0.063	<0.063	<0.063	<0.063	NS	0.017J	<0.063	<0.063	NS	NS
PAH's (ug/l)																
Acenapthene			<0.25	1.45	1.33	<0.119	<0.2	<0.27	<0.22	<0.21	NS	<0.21	<0.22	<0.23	<0.27	<0.21
Anthracene	**3000**	600	<0.25	0.19J	0.56	<5.94	<0.2	<0.21	<0.22	<0.21	NS	<0.21	<0.22	<0.23	<0.22	<0.21
Benz(a)anthracene			<0.13	0.2	<0.13	<0.119	<0.13	0.242	<0.13	<0.13	NS	<0.13	<0.13	<0.13	<0.13	<0.13
Benzo(b)fluoranthene	**0.2**	0.02	<0.18	<0.18	<0.18	<0.119	<0.18	0.094 J	<0.18	<0.18	NS	<0.18	<0.18	<0.17	<0.18	<0.18
Chrysene	**0.2**	0.02	<0.25	<0.26	<0.24	<0.119	<0.2	0.19 J	<0.22	<0.21	NS	<0.21	<0.22	**0.27**	<0.22	<0.21
Fluoranthene	**400**	80	<0.25	0.51	0.93	<0.119	0.08J	1.94	<0.22	<0.21	NS	<0.21	0.08 J	<0.23	<0.22	<0.21
Fluorene	**400**	80	<0.25	0.66	1.3	<0.119	<0.2	<0.27	<0.22	<0.21	NS	<0.21	<0.22	<0.23	<0.22	<0.21
Naphthalene	**100**	10	<0.25	1.04	0.64	<0.119	<0.2	<0.21	<0.22	<0.21	NS	<0.21	<0.22	<0.23	<0.22	<0.21
Phenanthrene			<0.25	1.13	2.76	<0.119	0.13J	0.591	0.07 J	0.2 J	NS	<0.21	0.29	<0.23	0.14 J	0.12 J
Pyrene	**250**	50	0.11J	0.43	0.59	<0.119	<0.2	1.23	<0.22	<0.21	NS	<0.21	0.18 J	<0.23	<0.22	<0.21
VOCs (ug/l)																
Acetone	**1000**	200	8.3J	7J	6.9J	<40	<40	<40	<40	<40	NS	7.4J	<40	7.9J	<40	<40
Benzene			<2	<2	<2	0.22J	<2	<2	<2	<2	NS	<2	<2	<2	<2	<2
Bromomethane	**10**	1	<2	<2	<2	<2	<2	<2	<2	<2	NS	<2	<2	<2	<2	<2
Carbon Disulfide	**1000**	200	<2	1J	<2	<2	<2	<2	<2	<2	NS	<2	<2	<2	<2	<2
Chlorobenzene			<2	<2	<2	0.37J	<2	<2	<2	<2	NS	<2	<2	<2	<2	<2
Chloroform	**6**	0.6	<0.2	<0.2	<0.2	<0.2	<2	0.85 J	<2	<2	NS	<0.2	0.3 J	<0.2	<2	<2
Chloromethane	**3**	0.3	<2	<2	<2	<2	<2	<2	<2	<2	NS	<2	<2	<2	0.42 JB	0.43 JB
cis-1,2-Dichloroethene	**70**	7	<2	<2	<2	<2	<2	<2	<2	<2	NS	<2	<2	<2	<2	<2
Ethylbenzene	**700**	140	<2	<2	<2	0.27j	<2	<2	<2	<2	NS	<2	<2	<2	<2	<2
m,p-Xylene			<4	<4	<4	<4	<4	0.45 JB	<4	<4	NS	<4	0.37 JB	<4	<4	0.3 J
Methylene chloride	**5**	0.5	0.4J	0.32J	0.33J	0.94J	<2	<2	<2	<2	NS	0.33J	<2	0.33J	0.46 JB	<2
o-xylene			0.76J	0.72J	0.8J	0.87J	<2	<2	<2	<2	NS	0.77J	<2	0.79J	<2	<2
Tetrachloroethene	**5**	0.5	0.67J	0.47J	0.68J	1.1J	0.52 JB	0.71 JB	0.54 JB	0.68 JB	NS	0.55J	<2	0.58J	<2	0.75 J
Toluene	**1,000**	200	1.5J	0.26J	0.54J	0.54J	0.3 JB	0.48 JB	0.44 JB	0.45 JB	NS	0.25J	0.41 JB	0.26J	0.42 JB	0.3 JB
Trichloroehene	**5**	0.5	<2	<2	<2	<2	<2	<2	<2	<2	NS	<2	<2	<2	<2	<2
Xylene (Total)	**10,000**	1,000	0.76J	0.72J	0.87J	0.715	<6	<6	<6	<6	NS	0.77J	<6	0.79J	<6	<6

Notes:
VOCs = Volatile Organic Compounds analyzed using EPA Method 8260
ug/l = micrograms per liter (ppb)
mg/l = milligrams per liter (ppm)
NR 140 ES = Wisconsin Administrative Code Chapter NR 140 Enforcement Standard
NR 140 PAL = Wisconsin Administrative Code Chapter NR 140 Preventive Action Limit
Enforcement Standard Exceedances are bolded
J - result is reported between Method Detection Limit and Limit of Quantitation (LOQ) and are therefore less certain than results detected at or above the LOQ
B - Analyte detected in the method blank

Table 1-4
Soil Sampling Results Summary - Site Investigation
Domtar Industries, Inc. - Port Edwards, Wisconsin
Transformer Substation Area

		SUB-1	SUB-2	SUB-3	SUB-4
		-	-	-	-
PID Readings		NR	NR	NR	NR
Percent Moisture (%)		2.74	7	1.03	2.55
PCBs (mg/kg)					
Aroclor 1016		<0.303	<0.321	<0.294	<0.303
Aroclor 1221		<0.303	<0.321	<0.294	<0.303
Aroclor 1232		<0.303	<0.321	<0.294	<0.303
Aroclor 1242		<0.303	<0.321	<0.294	<0.303
Aroclor 1248		<0.303	<0.321	<0.294	<0.303
Aroclor 1254		**0.200J**	<0.321	<0.294	**3.71**
Aroclor 1260		<0.303	<0.321	<0.294	<0.303

Notes:
mg/kg = milligrams per kilowgram (ppm)
Samples analyzed by Environmental Monitoring and Technologies, Inc. (WDNR Certification #999888890)
Exceedances of RCL are highlited and bolded
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
Only compounds with at least one detection are listed



Legend

Approximate Site Location

0 4,000 8,000

Feet

1 inch = 4,000 feet

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DRAFTED BY: NWEBER

DATE: 10/6/2010

SITE LOCATION MAP
DOMTAR - PORT EDWARDS
PORT EDWARDS, WISCONSIN

Figure 1

PROJECT: 01-WUNA

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LEGEND

CLOSED INVESTIGATION AREAS

NOTES

1. 2004-2008 NAIP BASE MAP OBTAINED FROM HTTP://WISCONSINVIEW.SSEC.WISC.EDU/

0 25 50 100 150 200 Feet

1" = 100'
1:1,200

PROJECT: DOMTAR - PORT EDWARDS
PORT EDWARDS, WISCONSIN

SHEET TITLE: SITE LAYOUT - AERIAL PHOTO

DRAWN BY: PYLKASE	SCALE: AS NOTED	PROJ. NO: 00-07674.02	
CHECKED BY: HUTCHENSJ		FILE NO: 76740201	
APPROVED BY:	DATE PRINTED: 3/5/2009	FIGURE 2	
DATE: MARCH 2009			

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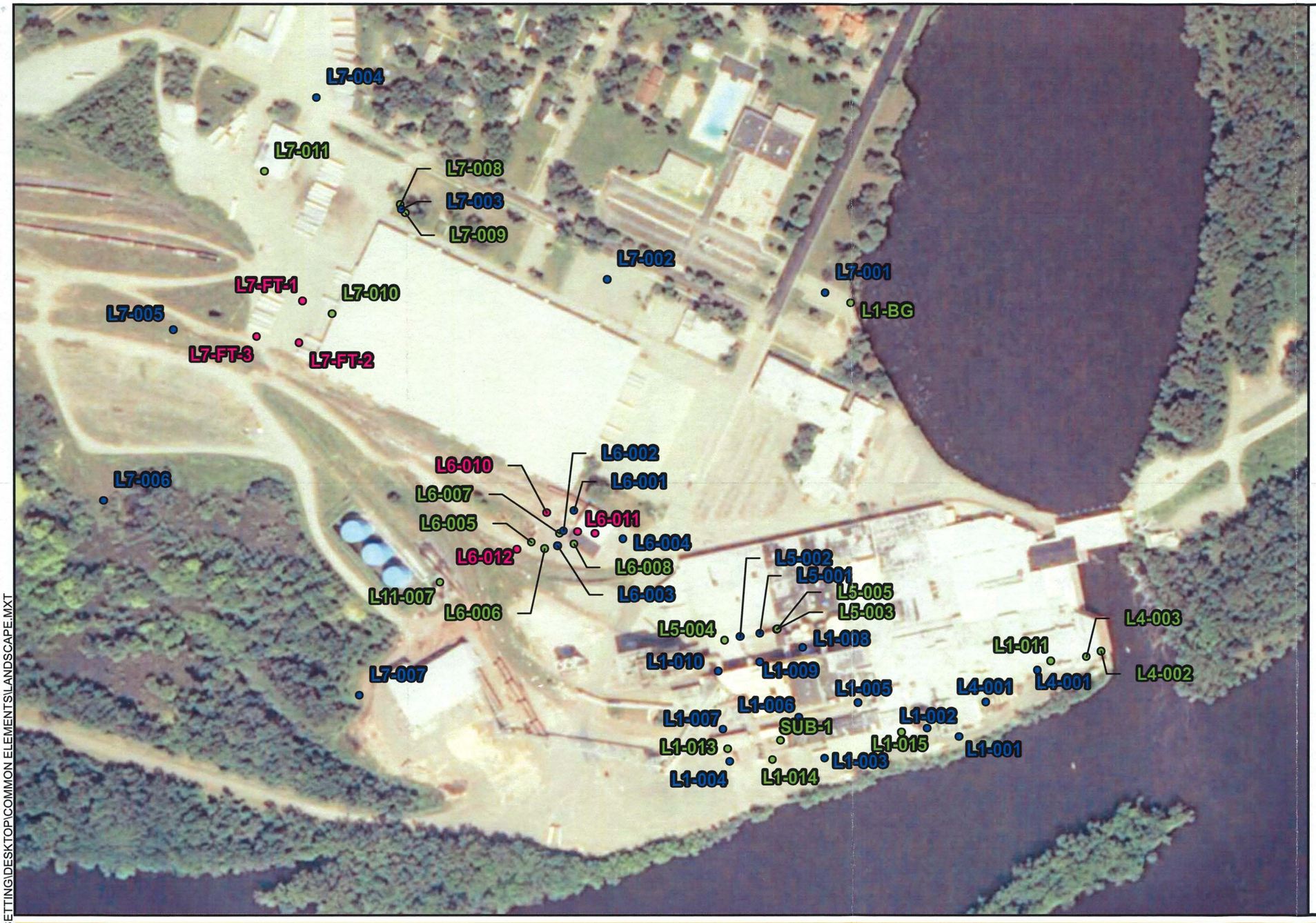
D:\07674\02\76740201.mxd 3/5/2009 11:22:07



Legend

Port Edwards Sample Locations

- Investigation Locations (Jan. 2009)
- Investigation Locations (Sep. 2009)
- Investigation Locations (Mar. 2010)

Notes

1. Aerial photography obtained from 2008 NAIP Wisconsin - 1 Meter.

Locaton	Descripton
1	Process Areas
4	Chemical Delivery Area
5	Rail Chemical Delivery Area
6	Roundhouse
7	Property Perimeter and Former Tank Areas
11	No. 6 Fuel Area

0 340 680 Feet

1 inch = 267 feet

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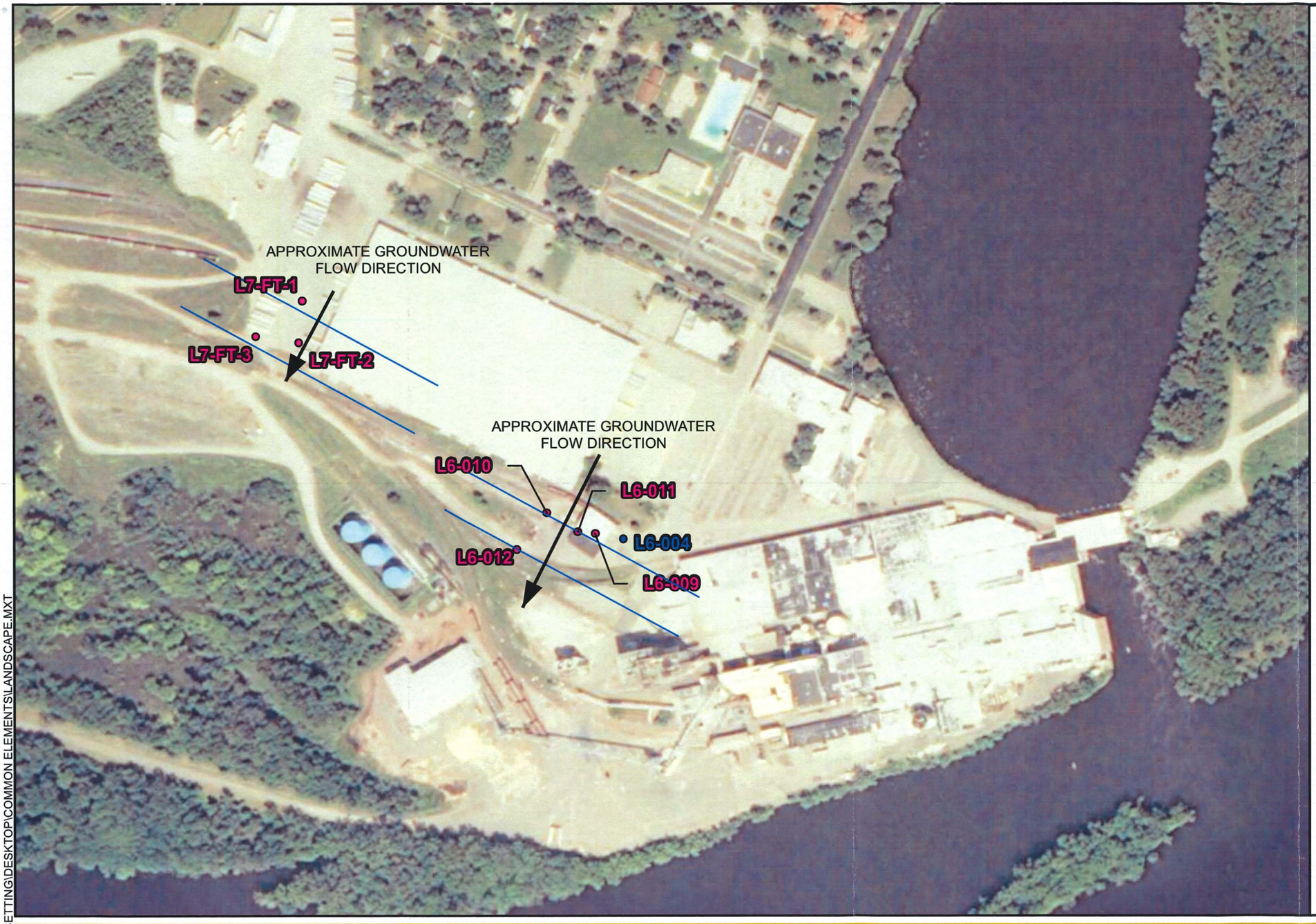
DRAFTED BY: NWEBER | DATE: 10/11/2010

SAMPLE LOCATION MAP
DOMTAR - PORT EDWARDS
PORT EDWARDS, WISCONSIN

Figure 3

PROJECT: 01-WUNA



Legend

Port Edwards Sample Locations

- Investigation Locations (Jan. 2009)
- Investigation Locations (Sep. 2009)
- Investigation Locations (Mar. 2010)

Notes

1. Aerial photography obtained from 2008 NAIP Wisconsin - 1 Meter.
2. Groundwater elevations are not tied to a singular benchmark.

Locaton	Descripton
1	Process Areas
4	Chemical Delivery Area
5	Rail Chemical Delivery Area
6	Roundhouse
7	Property Perimeter and Former Tank Areas
11	No. 6 Fuel Area

0 340 680 Feet

1 inch = 267 feet

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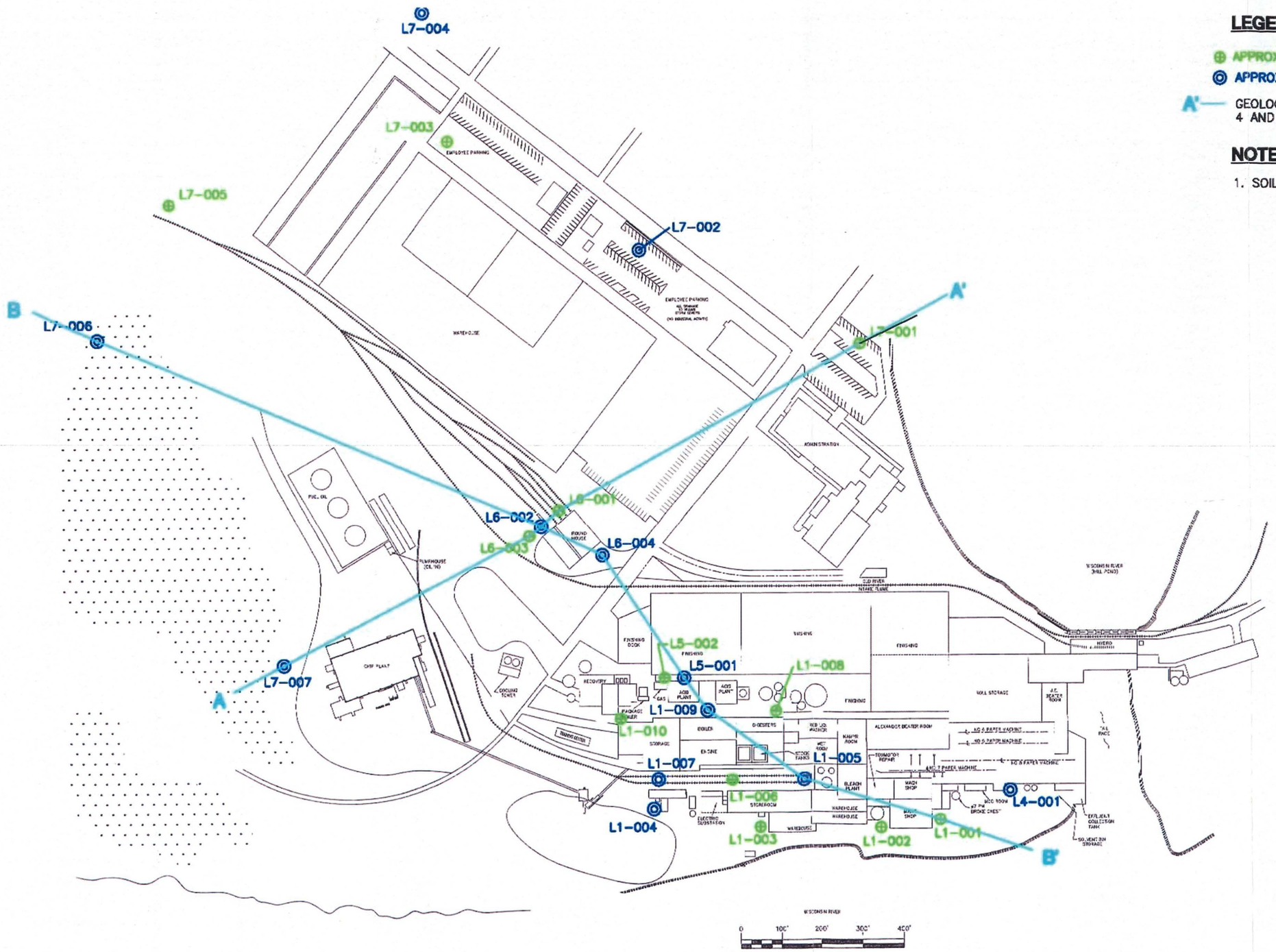
GROUNDWATER CONTOUR MAP
PORT EDWARDS, WISCONSIN

Figure 4

PROJECT: 01-WUNA

DRAFTED BY: NWEBER



LEGEND

- ⊕ APPROXIMATE SOIL BORING LOCATION
- ◎ APPROXIMATE SOIL BORING & TEMP WELL LOCATION
- A'— GEOLOGICAL CROSS-SECTION LINES, SEE FIGURES 4 AND 5 FOR CROSS-SECTIONS.

NOTES

1. SOIL BORINGS INSTALLED IN JANUARY 2009

PROJECT:	DOMTAR – PORT EDWARDS PORT EDWARDS, WISCONSIN
SHEET TITLE:	SITE MAP WITH CROSS-SECTIONS AND SOIL BORING LOCATIONS
DATE: 12/27/10	FIGURE No.:
PROJECT NO.: PE	Figure 5

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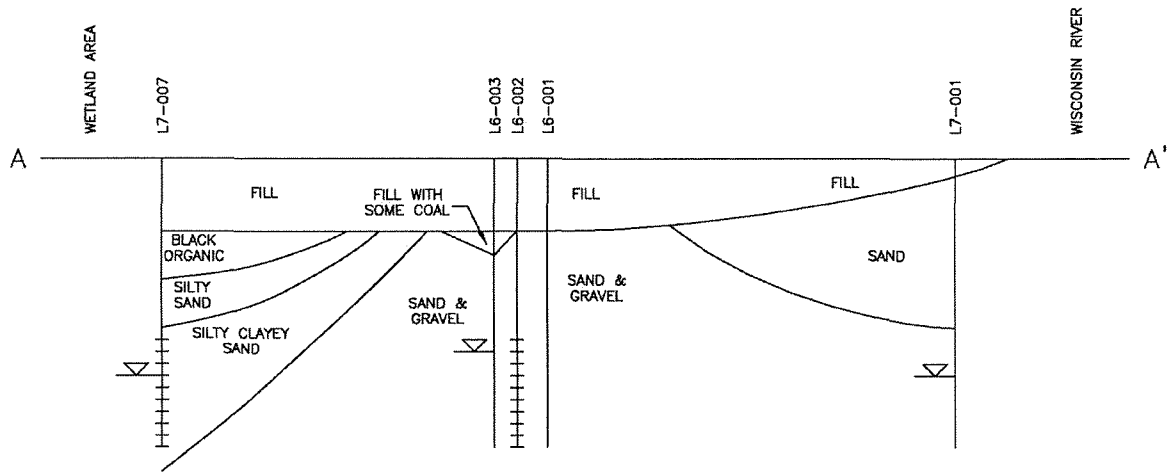


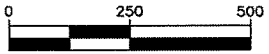
LEGEND:

OBSERVED WATER TABLE

NOTES:

1. NO SURVEY PERFORMED.
2. SITE LOCATIONS ARE APPROXIMATE.
3. SITE IS RELATIVELY FLAT, ELEVATIONS NOT MEASURED.

VERTICAL SCALE: 1"=5'



HORIZONTIAL SCALE: 1"=250'

PROJECT:	DOMTAR – PORT EDWARDS PORT EDWARDS, WISCONSIN
SHEET TITLE:	GEOLOGIC CROSS-SECTION A-A'
DATE: 12/27/10	FIGURE No.: Figure 6
PROJECT NO.: PE	

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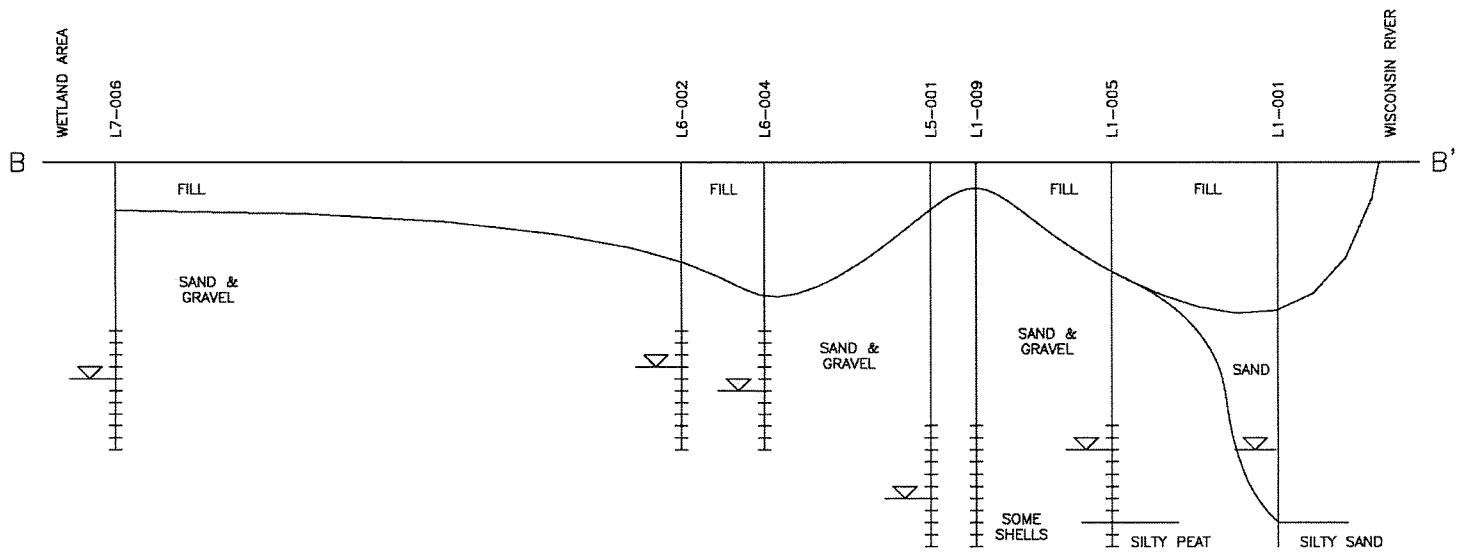
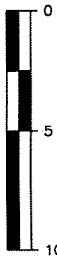


LEGEND:

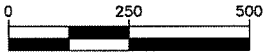
OBSERVED WATER TABLE

NOTES:

1. NO SURVEY PERFORMED.
2. SITE LOCATIONS ARE APPROXIMATE.
3. SITE IS RELATIVELY FLAT, ELEVATIONS NOT MEASURED.



VERTICAL SCALE: 1"=5'



HORIZONTIAL SCALE: 1"=250'

PROJECT:	DOMTAR – PORT EDWARDS PORT EDWARDS, WISCONSIN
SHEET TITLE:	GEOLOGIC CROSS-SECTION B-B'
DATE: 12/27/10	FIGURE No.: Figure 7
PROJECT NO.: PE	

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FAX: (262) 901-0079

Department of Natural Resources **BRRTS CASE TRACKING FORM** Rev. 7/05

1. ☐ LUST ☒ ERP ☐ DRY CLEANER ☐ OTHER

2. **BRRTS # and FID # (assigned by PA):**

BRRTS #: **02-72-554728** FID #: **772010580**

3. **Discharge reported by:**

Name: **Domtar Port Edwards**	Initial Contact Date: **11/23/09**
Firm: **Domtar A.W., LLC**	Date of RP Letter:
Mailing Address: **301 Point Basse Avenue, Nekoosa, WI 55457**	Phone Number: **(715) 886-7711**

4. **Site information:**

County: **Wood**

Site Name: **Domtar Port Edwards Paper Production Area**

Location (street address, not P.O. Box): **100 Wisconsin River Drive**

Municipality: **Port Edwards**

Legal Description: **se** ¼, **sw** ¼, Section **36**, Tn **22** N, R **5** E/W **e**

5. **Who Information (responsible party, RP contact):**

Contact Person: **Dave Ulrich**

Responsible Party: **Domtar A.W., LLC**

Mailing Address: **301 Point Basse Avenue**

City, State, Zip: **Nekoosa, WI 55457-1422**

Phone Number: **(715) 886-7711**

6. **Consultant Information:**

Contact Name: **James Hutchens**

Company Name: **RMT**

Mailing Address: **150 North Patrick Blvd.**

City, State, Zip: **Brookfield, WI 53045**

Phone Number: **(262) 879-1212**

7. Risk, Priority, Funding Source:

Risk	Priority	Funding Source	Effective Date
☐ High	☐ High	☒ RP	/ /
☐ Medium	☐ Medium	☐ EF	/ /
☐ Low	☐ Low	☐ Other	/ /
☒ Unknown	☒ Unknown		

8. Substances Discharged (check those that apply):

Ag Chemicals
☐ Fertilizer
☐ Pesticide/Herbicide/Insecticide
Animal Products
☐ Animal By-Products
☐ Dairy Products
☐ Manure
Antifreeze
☐ Antifreeze
Asbestos
☐ Asbestos
Food
☐ Food Products
Gases
☐ Chlorine Gas
☐ Freon
☐ Natural Gas
Industrial
☒ Acid
☐ Ammonia
☒ Base
☐ Bleach
☐ Cyanide
☐ Paint
☐ Styrene
Leachate
☐ Leachate
Metals
☒ Arsenic
☒ Chromium
☒ Lead
☐ Mercury
☒ Metals
PCB
☐ PCB
Petroleum
☐ Asphalt
☒ Diesel/Fuel Oil
☐ Engine Oil
☐ Gasoline
☐ Jet Fuel
☐ Machine Coolant
☐ Mineral Oil
☐ MTBE
☒ PAH
☐ Unknown Type
☐ Transmission Fluid
Radioactive
☐ Radioactive Material
RCRA
☐ RCRA Hazardous Waste
Salt
☐ Salt
Sewage
☐ Sewage
Solvent
☐ PERC
☐ Chlorinated
☐ Non-chlorinated
☐ VOC
Unknown
☐ Unknown
Wastewater
☐ Wastewater
Other
☐ Other

9. Impacts to the Environment (check those that apply):

☐ Air Contamination
☐ Co-contamination
☐ Concrete/Asphalt
☐ Contained/Recovered
☐ Contamination within 1 Meter of Bedrock
☐ Contaminated Private Well
☐ Contaminated Public Well
☐ Contamination in Fractured Bedrock
☐ Contamination in Right-of-Way
☐ Direct Contact
☐ Expanding Plume
☐ Fire Explosion Threat
☐ Free Product
☒ Groundwater Contamination
☐ Off-Site Contamination
☐ Sanitary Sewer Contamination
☒ Soil Contamination
☐ Storm Sewer Contamination
☐ Surface Water Contamination
☐ Vapor Intrusion Pathway
☐ Within 100 ft. of Private Well
☐ Within 1000 ft. of Public Well
☐ Other

10. Contamination was discovered as a result of:

☐ Tank Closure Assessment	☒ Site Assessment	☐ Spill	☐ Other (Describe):
Date	Date **9/23/09**	Date	Date

11. CCs:

12. Additional Remarks: **Site assessment at the paper production area site was conducted as part of a broader VPLE investigation at the Domtar Port Edwards facility.**