GIS REGISTRY
Cover Sheet

July, 2008
(RR 5367)

Source Property Information

CLOSURE DATE: Mar 9, 2009

BRRTS #: **02-38-225802**

FID #: 438082590

ACTIVITY NAME: Goodman Forest Industries - Chemical Plant (Former)

DATCP #:

PROPERTY ADDRESS: 200 C Ave

COMM #:

MUNICIPALITY: Goodman

PARCEL ID #: 012-00066.000

***WTM COORDINATES:**

X: **647776** Y: **574369**

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

WTM COORDINATES REPRESENT:

- (●) Approximate Center Of Contaminant Source
- ( ) Approximate Source Parcel Center

Please check as appropriate: (BRRTS Action Code)

Contaminated Media:

- [ ] Groundwater Contamination > ES *(236)*
  - [ ] Contamination in ROW
  - [ ] Off-Source Contamination

  *(**note:** for list of off-source properties see "Impacted Off-Source Property")*

- [x] Soil Contamination > *RCL or **SSRCL *(232)*
  - [ ] Contamination in ROW
  - [ ] Off-Source Contamination

  *(**note:** for list of off-source properties see "Impacted Off-Source Property")*

Land Use Controls:

- [ ] Soil: maintain industrial zoning *(220)*

  *(**note:** soil contamination concentrations between residential and industrial levels)*

- [ ] Structural Impediment *(224)*
- [ ] Site Specific Condition *(228)*
- [ ] Cover or Barrier *(222)*

  *(**note:** maintenance plan for groundwater or direct contact)*

- [ ] Vapor Mitigation *(226)*
- [ ] Maintain Liability Exemption *(230)*

  *(**note:** local government or economic development corporation)*

Monitoring wells properly abandoned? *(234)*

(●) Yes ( ) No ( ) N/A

** Residual Contaminant Level*
***Site Specific Residual Contaminant Level*

GIS Registry Checklist

This fillable form is intended to provide a list of information that must be submitted for evaluation for case closure. It is to be used in conjunction with Form 4400-202, Case Closure Request (Section H). 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 #: 02-38-225802 PARCEL ID #: 012-00066.000

ACTIVITY NAME: Goodman Forest Industries Chemical Plant (former) WTM COORDINATES: X: 647776 Y: 574369

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

- [x] **Closure Letter**
- [ ] **Maintenance Plan** (*if activity is closed with a land use limitation or condition (land use control) under s. 292.12, Wis. Stats.*)
- [x] **Conditional Closure Letter**
- [ ] **Certification of Completion (COC)** for VPLE sites

Source Legal Document

- [x] **Deed:** The most recent deed as well as legal descriptions, for the **Source Property**. 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.*
- [x] **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 #: 3 **Title:**
- [x] **Signed Statement:** A statement signed by the Responsible Party (RP), which states that he or she believes that ALL legal descriptions attached to the statement are complete and accurate.
  Note: *The point here is that the legal descriptions are describing the correct (i.e., contaminated) properties.*

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

Maps must be no larger than 8.5 x 14 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 (do not include municipal wells).

  Figure #: 1 **Title: Site Location Map**
- [x] **Detailed Site Map:** A map that shows all contaminated properties within site boundaries, showing buildings, roads, property boundaries, contaminant sources, utility lines, monitoring wells and potable wells. This map shows 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 Generic Residual Contaminant Level (GRCL) or a Site Specific Residual Contaminant Levels (SSRCL) as determined under s. NR 720.09, 720.11 and 720.19.

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

  Figure #: 9 **Title: Excavation & Remaining Soil Impact Map**

BRRTS #: 02-38-225802 ACTIVITY NAME: Goodman Forest Industries Chemical Plant (former)

MAPS (continued)

☒ **Geologic Cross-Section Map:** A map showing the source location and vertical extent of residual soil contamination exceeding a Generic Residual Contaminant Level (GRCL) 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: Soil Cross Section**

Figure #: 10 **Title: Post Remediation Cross Section**

☐ **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 #: 11 **Title: Groundwater Flow Map**

Figure #: **Title:**

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

Tables must be no larger than 8.5 x 14 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 #: 5,2 **Title: Soil Sample Analytical Results, Soil Sample Laboratory Results**

☒ **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 #: 6,3 **Title: Groundwater Sample Laboratory Results,GW Monitoring VOC and PAH Analytic Results**

☒ **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 #: 8 **Title: Groundwater Elevation Data**

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 #: 02-38-225802 ACTIVITY NAME: Goodman Forest Industries Chemical Plant (former)

NOTIFICATIONS

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

☐ **Deed:** 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 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 the RP received confirmation for notifying current source property owner.

☐ **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 Letters:

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

☐ **Letter To Governmental Units/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 boundaries of the contaminated site, for contamination exceeding a groundwater Enforcement Standard (ES) and/or soil exceeding a Generic Residual Contaminant Level (GRCL) or a Site Specific Residual Contaminant Level (SSRCL).

Number of Letters:

State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

Jim Doyle, Governor
Matthew J. Frank, Secretary
Ronald W. Kazmierczak, Regional Director

Northeast Region Headquarters
2984 Shawano Ave., P.O. Box 10448
Green Bay, Wisconsin 54307-0448
Telephone 920-662-5100
FAX 920-662-5413
TTY Access via relay - 711

March 9, 2009

Mr. Charles Detiege
200 C Avenue
Goodman, WI 54125

SUBJECT: Final Case Closure with Continuing Obligations
Goodman Forest Industries (Former) Chemical Plant, 200C Avenue, Goodman, Wisconsin WDNR BRRTS Activity # 02-38-225802

Dear Mr. Detiege:

On June 24, 2008, the Northeast Region Closure Committee reviewed the above referenced case for closure. This committee reviews environmental remediation cases for compliance with state laws and standards to maintain consistency in the closure of these cases. On July 7, 2008, you were notified that the Closure Committee had granted conditional closure to this case.

On October 24, 2008 and February 19, 2009 the Department received correspondence indicating that you have complied with the requirements of closure. This information pertained to abandonment of monitoring wells at the site.

Based on the correspondence and data provided, it appears that your case meets the requirements of ch. NR 726, Wisconsin Administrative Code. The Department considers this case closed and no further investigation or remediation is required at this time, however, you and future property owners must comply with certain continuing obligations as explained in this letter.

GIS Registry

The conditions of case closure set out below in this letter require that your site be listed on the Remediation and Redevelopment Program's GIS Registry. The specific reasons are summarized below:

- Residual soil contamination exists that must be properly managed should it be excavated or removed

This letter and information that was submitted with your closure request application will be included on the GIS Registry. To review the sites on the GIS Registry web page, visit the RR Sites Map page at http://dnr.wi.gov/org/aw/rr/gis/index.htm. If the property is listed on the GIS Registry because of remaining contamination and you intend to construct or reconstruct a well, you will need prior Department approval in accordance with s. NR 812.09(4)(w), Wis. Adm. Code. To obtain approval, Form 3300-254 needs to be completed and submitted to the DNR Drinking and Groundwater program's regional water supply specialist. This form can be obtained on-line http://dnr.wi.gov/org/water/dwg/3300254.pdf or at the web address listed above for the GIS Registry.

Closure Conditions

Please be aware that pursuant to s. 292.12 Wisconsin Statutes, compliance with the requirements of this letter is a responsibility to which you and any subsequent property owners must adhere. You must pass on the information about these continuing obligations to the next property owner or owners. If these requirements are not followed or if additional information regarding site conditions indicates that contamination on or from the site poses a threat to public health, safety, welfare, or the environment, 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 or this case may be reopened pursuant to s. NR 726.09, Wis. Adm. Code. The Department intends to conduct inspections in the future to ensure that the conditions included in this letter are met

Remaining Residual Soil Contamination

Residual soil contamination remains at sampling locations S55W20, S90W8S, W-SW, N-SW, and E-SW as indicated in the information submitted to the Department of Natural Resources. If soil in the specific locations described above is excavated in the future, then pursuant to ch. NR 718 or, if applicable, ch. 289, Stats., and chs. 500 to 536, the property owner at the time of excavation must sample and analyze the excavated soil to determine if residual contamination remains. If sampling confirms that contamination is present the property owner at the time of excavation will need to determine whether the material would be 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.

Chapter NR 140, Wis. Adm. Code Exemption

Recent groundwater monitoring data at this site indicates exceedances of the NR 140 preventive action limit (PAL) for Benzo(a)pyrene, Benzo(a)anthracene, and Chrysene at LYMW-5, but compliance with the NR 140 enforcement standard. The Department may grant an exemption to a PAL for a substance of public health concern, other than nitrate, pursuant to s. NR 140.28(2)(b), Wis. Adm. Code, if all of the following criteria are met:

1. The measured or anticipated increase in the concentration of the substance will be minimized to the extent technically and economically feasible.

2. Compliance with the PAL is either not technically or economically feasible.

3. The enforcement standard for the substance will not be attained or exceeded at the point of standards application.

4. Any existing or projected increase in the concentration of the substance above the background concentration does not present a threat to public health or welfare.

Based on the information you provided, the Department believes that the above criteria have been or will be met because of the remedial soil excavations that have been performed at the site. Therefore, pursuant to s. NR 140.28(2)(b), Wis. Adm. Code, an exemption to the PAL is granted for

Benzo(a)pyrene, Benzo(a)anthracene, and Chrysene at LYMW-5. This letter serves as your 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 Jim Walden at 608-267-7572.

Sincerely,

Bruce Urben
Northeast Remediation & Redevelopment Team Supervisor

cc: John Hunt - Coleman
Bill Phelps, DG/2

State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

WISCONSIN
DEPT. OF NATURAL RESOURCES

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July 7, 2008

Mr. Charles Detiege
Goodman Veneer and Lumbar Company
200C Avenue
Goodman, WI 54125

Subject: Conditional Closure Decision, With Requirements to Achieve Final Closure
Goodman Forest Industries (Former) Chemical Plant, 200C Avenue, Goodman, Wisconsin WDNR BRRTS Activity # 02-38-225802

Dear Mr. Detiege:

On June 24, 2008, the Northeast Region Closure Committee reviewed your request for closure of the case described above. The Northeast 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 Northeast Region Closure Committee has determined that the petroleum contamination on the site from the oil spreading or vehicles appears to have been investigated and remediated to the extent practicable under 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:

Monitoring Well Abandonment

The monitoring wells at the site must be properly abandoned in compliance with ch. NR 141, Wis. Adm. Code. Documentation of well abandonment must be submitted to Jim Walden on Form 3300-005 found at http://dnr.wi.gov/org/water/dwg/gw/ or provided by the Department of Natural Resources.

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 608-267-7572.

Sincerely,

Jim Walden
Hydrogeologist
Bureau for Remediation & Redevelopment

Cc: John Hunt – Coleman Engineering

2

STATE BAR OF WISCONSIN FORM 2 - 1998

WARRANTY DEED

Document Number

DOC. #: 602762

Recorded
JULY 11, 2000 AT 03:00PM

MELANIE I HUEMPFNER
MARINETTE COUNTY
REGISTER OF DEEDS
Fee Amount: $12.00
Transfer fee: $3600.00

This Deed, made between Goodman Forest Industries, Ltd., a Wisconsin Corporation

Grantor,

and Besse Forest Products, Inc., a Michigan Corporation

Grantee.

Grantor, for a valuable consideration, conveys and warrants to Grantee the following described real estate in Marinette County, State of Wisconsin:

See attached legal descriptions

Recording Area

Name and Return Address
Attorney Cal R. Tillisch
Byrne Law Office
P.O. Box 1566
Wausau, WI 54402-1566

12.00

TRANSFER
3,600.
FEE
MARINETTE
COUNTY

PARCEL # 1 PIN

AS PER DEBBIE PROPERTY LISTING MARINETTE CO. REG OF DEEDS

Parcel Identification Numbers (PINS):

012-00065.000 012-00066.000
012-02157.002 012-00064.000
012-02155.003 012-02245.001
012-00049.000

See below
Parcel Identification Number (PIN)

This is not homestead property.
(is) (is not)

Exceptions to warranties:
Easements, covenants and restrictions of record and restrictions imposed by official government maps and ordinances.

Dated this 10th day of July, 2000.

(USE BLACK INK FOR ALL WRITING)

GOODMAN FOREST INDUSTRIES, LTD.

By: Richard M. Connor, Jr.

* Richard M. Connor, Jr., President

Attest: Richard Krawze

* Richard Krawze, Secretary

AUTHENTICATION

Signature(s) Richard M. Connor, Jr., President of Goodman Forest Industries, Ltd. and Richard Krawze, Secretary of Goodman Forest Industries, Ltd.

authenticated this _____ day of _____, _____

*

TITLE: MEMBER STATE BAR OF WISCONSIN
(If not, _____
authorized by § 706.06, Wis. Stats.)

THIS INSTRUMENT WAS DRAFTED BY

Attorney Cal R. Tillisch
115 Forest Street, Wausau, WI

(Signatures may be authenticated or acknowledged. Both are not necessary.)

ACKNOWLEDGMENT

STATE OF WISCONSIN)
) ss.
_____ County.)

Personally came before me this 10th day of July, 2000 the above named Richard M. Connor, Jr. President of Goodman Forest Industries, Ltd. and Richard Krawze, Secretary of Goodman Forest Industries, Ltd.
to me known to be the person s who executed the foregoing instrument and acknowledged the same.

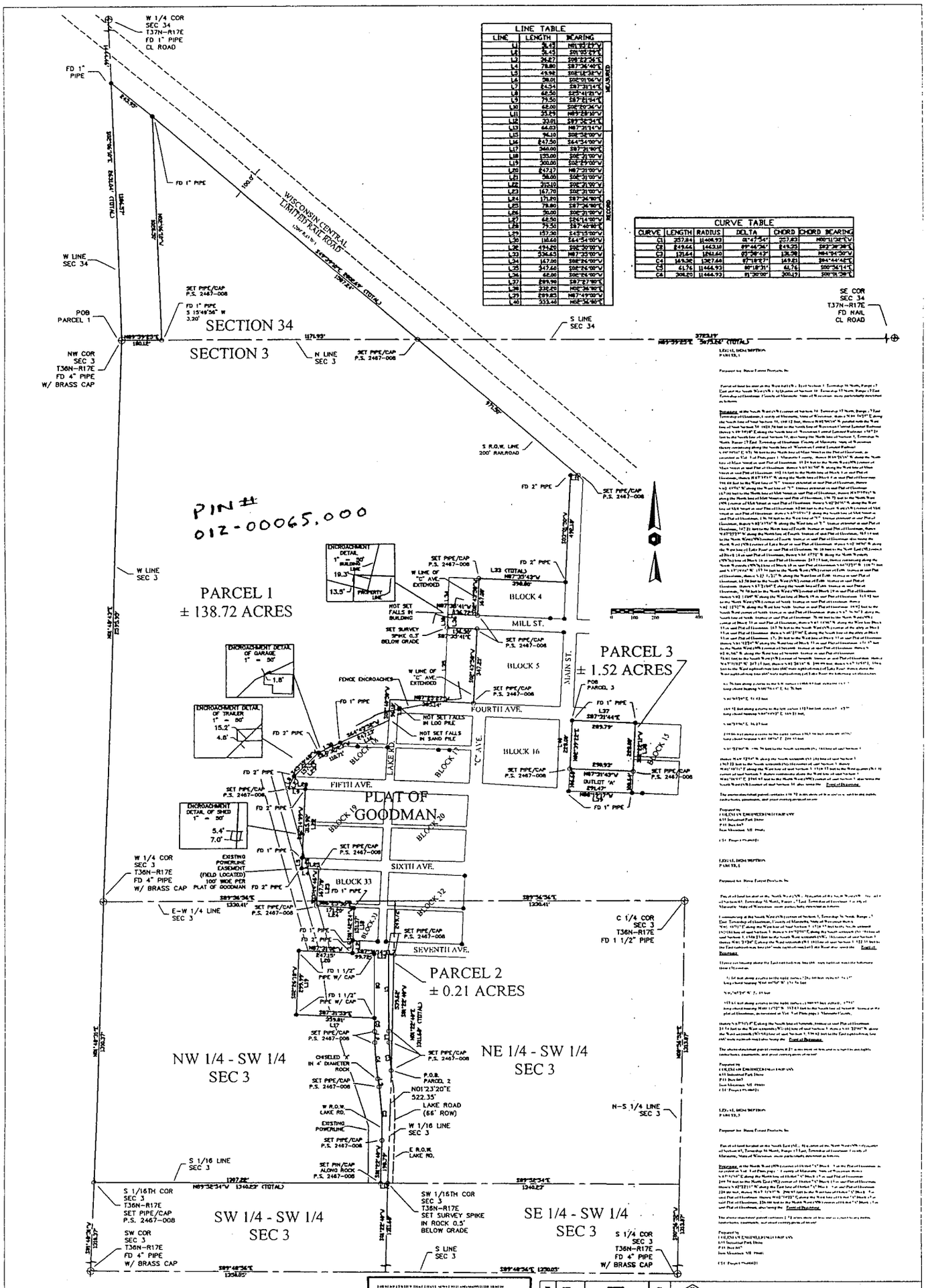
Terrence J Byrne

* Terrence J Byrne
Notary Public, State of Wisconsin
My Commission is permanent. (If not, state expiration date: _____, _____.)

*Names of persons signing in any capacity must be typed or printed below their signature.

WARRANTY DEED

STATE BAR OF WISCONSIN
FORM No. 2-1998



LINE TABLE		
LINE	LENGTH	BEARING
L1	36.45	N01°32'17"W
L2	36.45	S01°32'17"E
L3	94.67	S08°52'24"E
L4	78.80	S87°26'40"E
L5	49.98	S02°12'38"W
L6	38.01	S02°01'04"W
L7	84.54	S87°21'14"E
L8	62.50	S25°41'23"W
L9	79.50	S87°21'34"E
L10	68.00	S02°29'36"W
L11	53.69	N87°28'30"E
L12	33.01	S87°32'34"E
L13	64.03	N87°21'14"E
L14	96.10	S02°32'00"W
L16	247.30	S64°54'00"W
L17	346.00	S87°21'00"E
L18	135.00	S02°21'00"W
L19	200.00	S02°29'00"W
L20	247.47	N87°21'00"W
L21	58.00	S02°31'00"W
L22	213.10	S02°21'00"W
L23	167.70	S02°21'00"W
L24	171.89	S87°26'00"E
L25	78.80	S87°26'00"E
L26	36.00	S02°21'00"W
L27	68.50	S54°14'00"W
L28	79.50	S87°40'00"E
L29	157.30	S45°15'00"W
L30	114.60	S44°54'00"W
L31	434.20	S02°30'00"W
L32	534.45	N87°25'00"E
L34	147.00	S02°26'00"W
L35	347.60	S02°26'00"W
L36	68.00	S02°26'00"W
L37	889.90	S87°27'00"E
L38	332.20	N02°36'00"E
L39	289.85	N87°49'00"W
L40	333.40	N02°36'00"E

CURVE TABLE					
CURVE	LENGTH	RADIUS	DELTA	CHORD	CHORD BEARING
C1	257.84	11400.93	01°47'54"	257.83	N00°11'38"E
C2	249.64	1463.38	09°46'26"	249.29	S03°38'28"E
C3	131.64	1261.60	05°58'42"	131.58	N04°01'00"W
C4	169.38	1367.66	07°10'07"	169.27	S04°44'46"E
C5	61.76	11444.93	00°18'31"	61.76	S00°34'14"E
C6	304.20	11444.93	01°30'00"	304.19	S00°18'28"E

BEARINGS BASED ON THE PLAT OF GOODMAN

NOTE: LEGAL DESCRIPTIONS FURNISHED BY MARINETTE COUNTY ABSTRACT & LAND COMPANY COMMITMENT M-9451 AMENDMENT AM#1, 06-23-00 FOR SECTION 3 T36N-R17E. PROPERTY TAX DESCRIPTIONS FOR PARCELS IN SECTION 34 T37N-R17E.

FOUND AS NOTED
SET CAPPED BAR
FOUND REBAR
FOUND RR SPIKE
SET RR SPIKE
SET CAPPED PIPE
FOUND CONC ARM

ZACHARY J. STEVENS P.S. 24673-008

NO.	DATE	REVISIONS	BY
1	01/23/01	ENCROACHMENTS	DRH

COLEMAN ENGINEERING CO.
835 CIRCLE DRIVE – IRON MOUNTAIN, MICHIGAN 49801 (906) 774-3440
OFFICE ALSO LOCATED AT: IRONWOOD, MICHIGAN 49938 (906) 932-5045

GOODMAN FOREST INDUSTRIES SITE
SIEGER FOREST PRODUCTS
GOODMAN, WISCONSIN

SURVEYED BY	CEC--- ZS, DH & WE	DATE 12-08-99			
FIELD SURVEY BY	DATE	DRAWN BY J.J.P.	SCALE 1" = 200'	DATE 12-30-00	DRAWING NO.
FILE NUMBER 00421	DWG NUMBER 00421	CHECKED ZS	APPROVED JRM	JOB NO. S-00421	1 OF 1

FIGURE 3

Responsible Party Statement

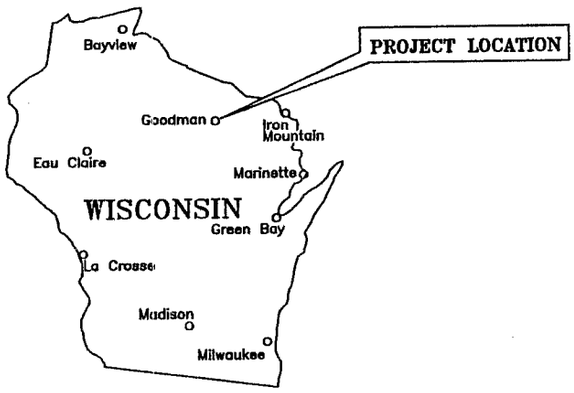
I, Wayne Brock, Manager of Goodman Veneer and Lumber Company (formerly Goodman Forest Industries), believe that the legal description included in this GIS Registry Packet for Soil at the Goodman Forest Industries Former Chemical Plant (BRRTS# 02-38-225802) is correct.

Signed,

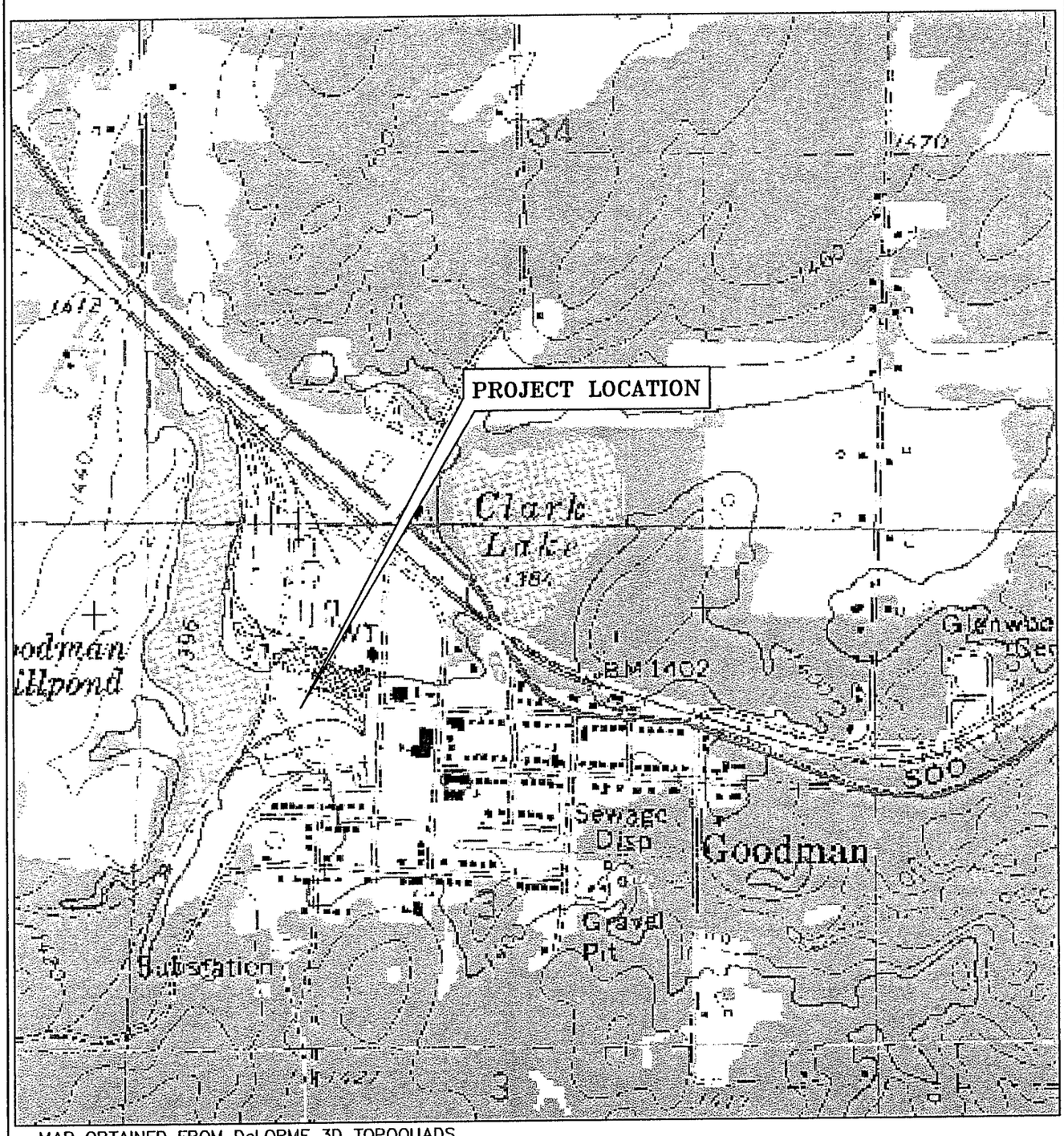
Wayne Brock

Wayne Brock, Manager
Goodman Veneer and Lumber Company

Date 4-18-08



NORTH
SCALE: 1"=1000'



MAP OBTAINED FROM DeLORME 3D TOPOQUADS

FIGURE 1 – SITE LOCATION MAP
FORMER GOODMAN FOREST INDUSTRIES
GOODMAN, WI

COLEMAN ENGINEERING COMPANY
635 CIRCLE DRIVE
IRON MOUNTAIN, MICHIGAN 49801

DATE 3/31/08
JOB NO 00405D
CADD FILE 00405D–WIQ.DWG

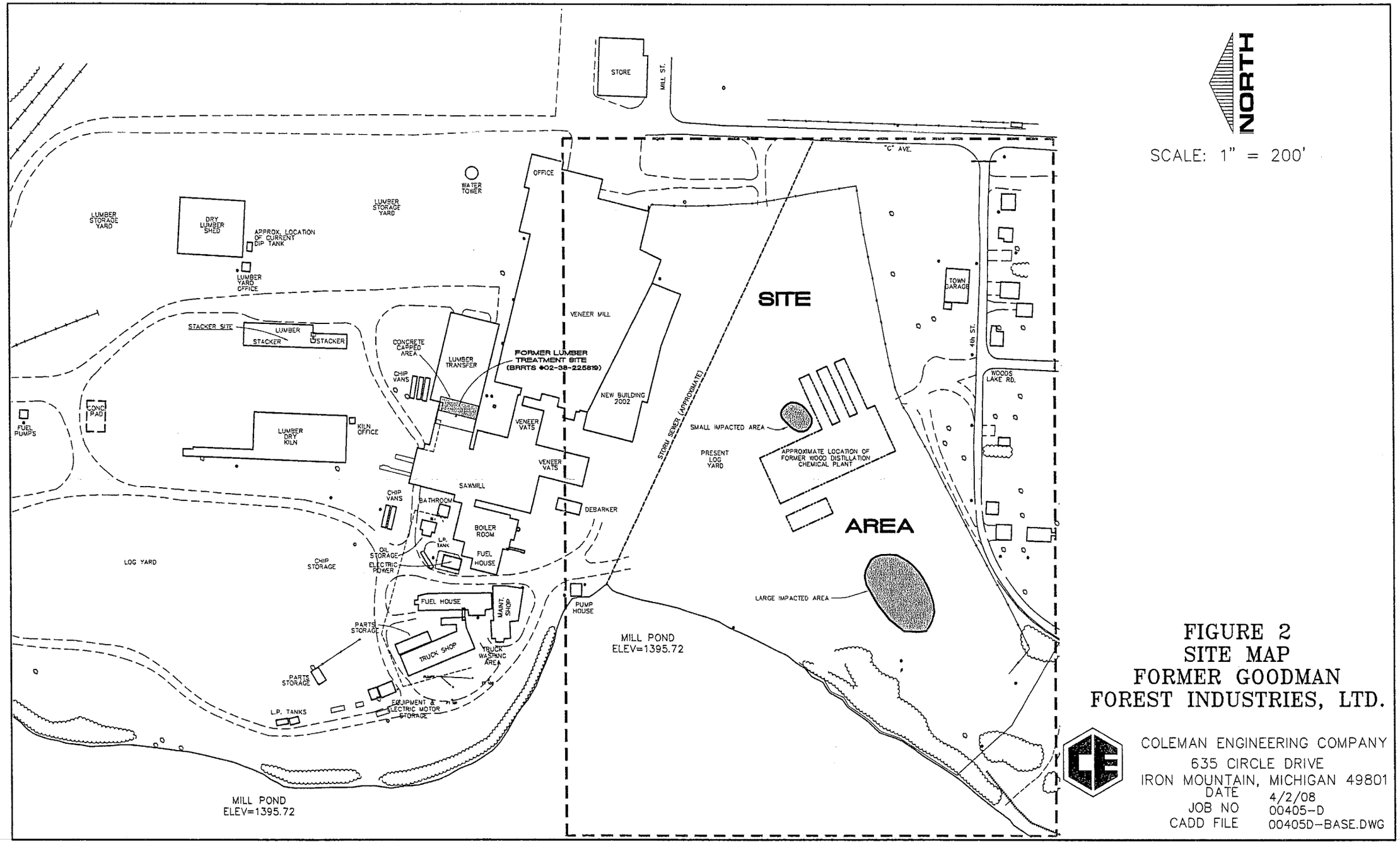


FIGURE 2
SITE MAP
FORMER GOODMAN FOREST INDUSTRIES, LTD.

COLEMAN ENGINEERING COMPANY
635 CIRCLE DRIVE
IRON MOUNTAIN, MICHIGAN 49801

DATE	4/2/08
JOB NO	00405-D
CADD FILE	00405D-BASE.DWG

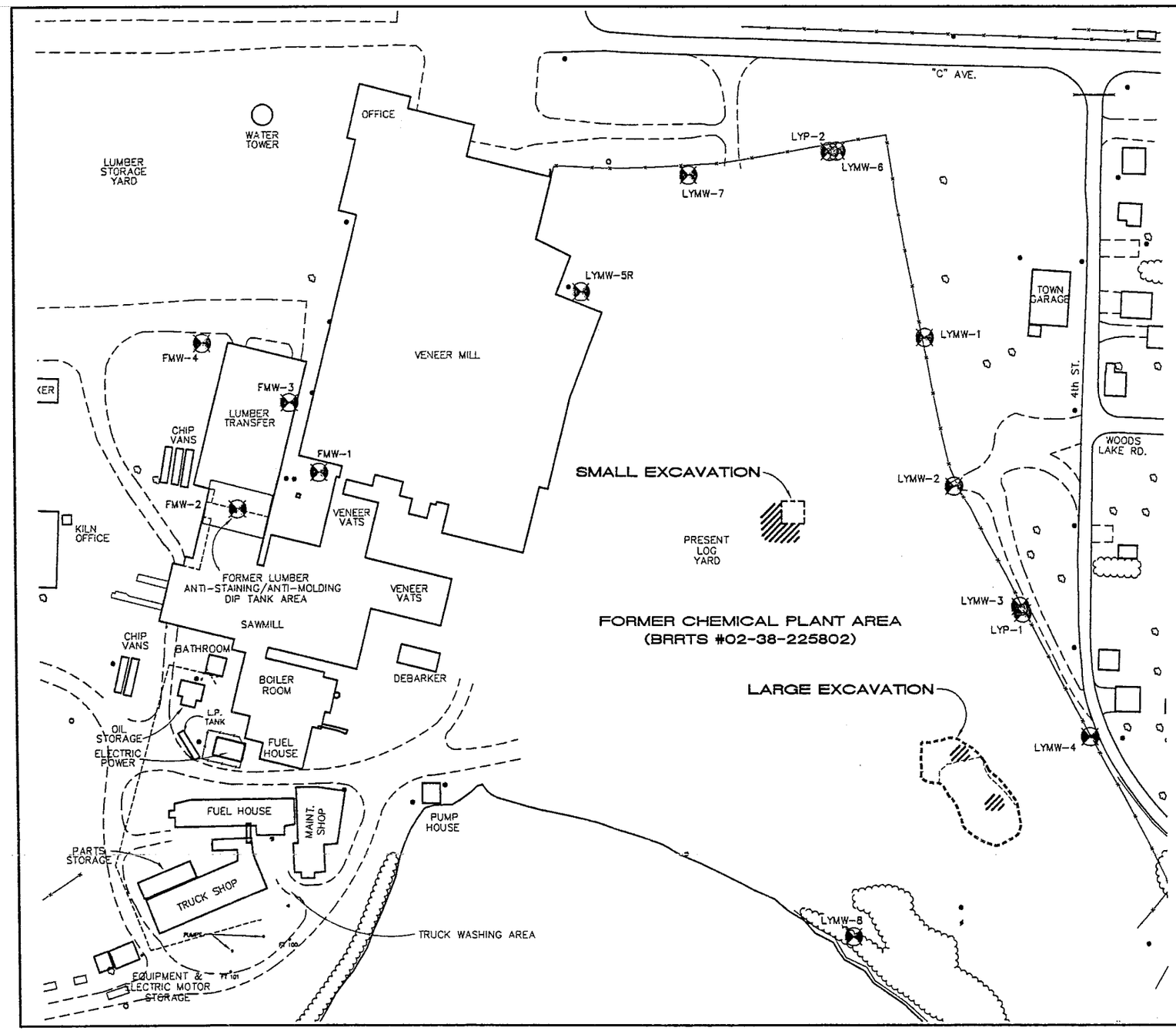


FIGURE 9
EXCAVATION AND REMAINING SOIL IMPACT MAP
FORMER GOODMAN FOREST INDUSTRIES, LTD.
FORMER CHEMICAL PLANT BRRTS #02-38-225802

COLEMAN ENGINEERING COMPANY
635 CIRCLE DRIVE
IRON MOUNTAIN, MICHIGAN 49801
DATE 4/15/08
JOB NO EE-00405D
CADD FILE 00405D-REMAIN_IMPACT

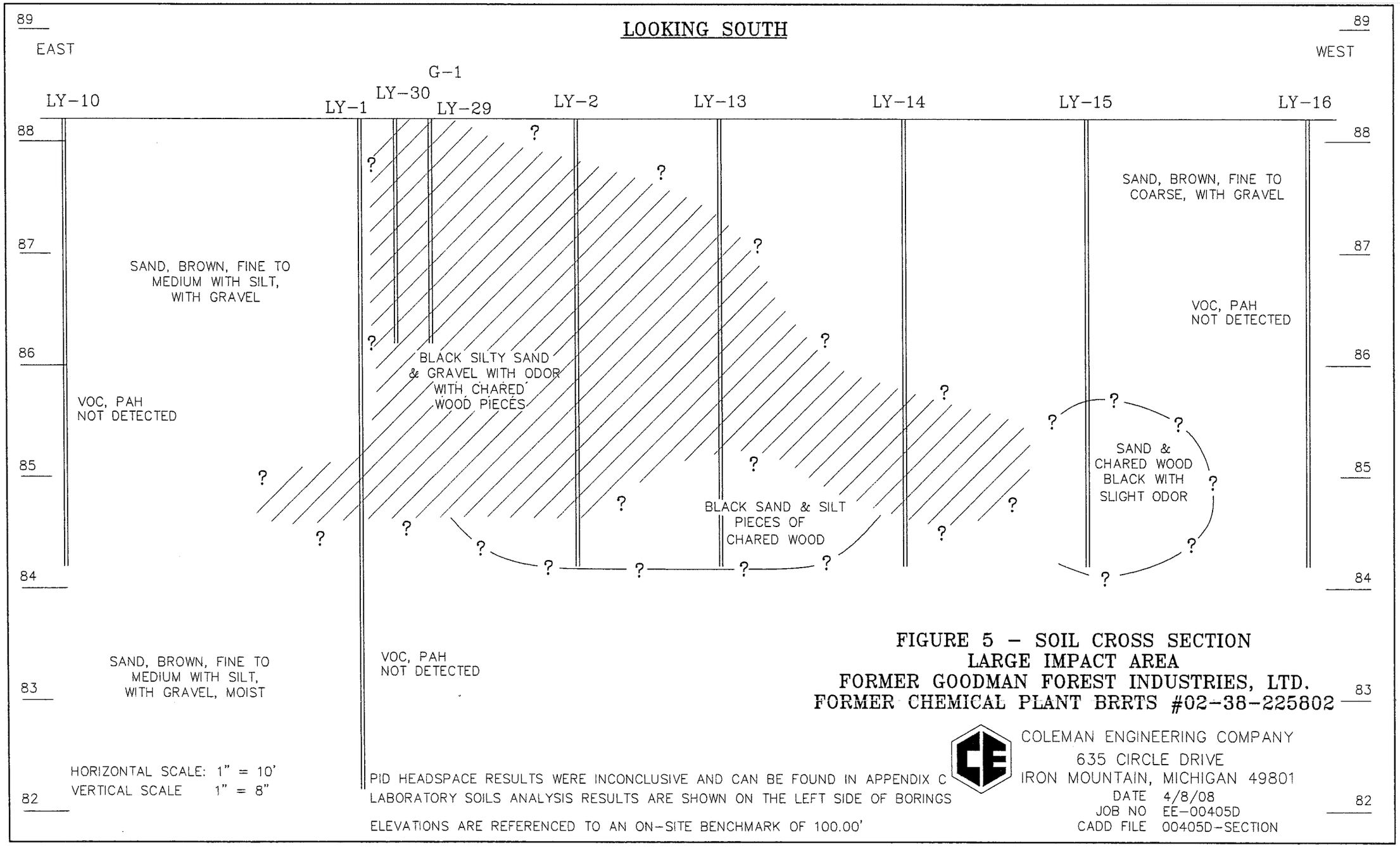
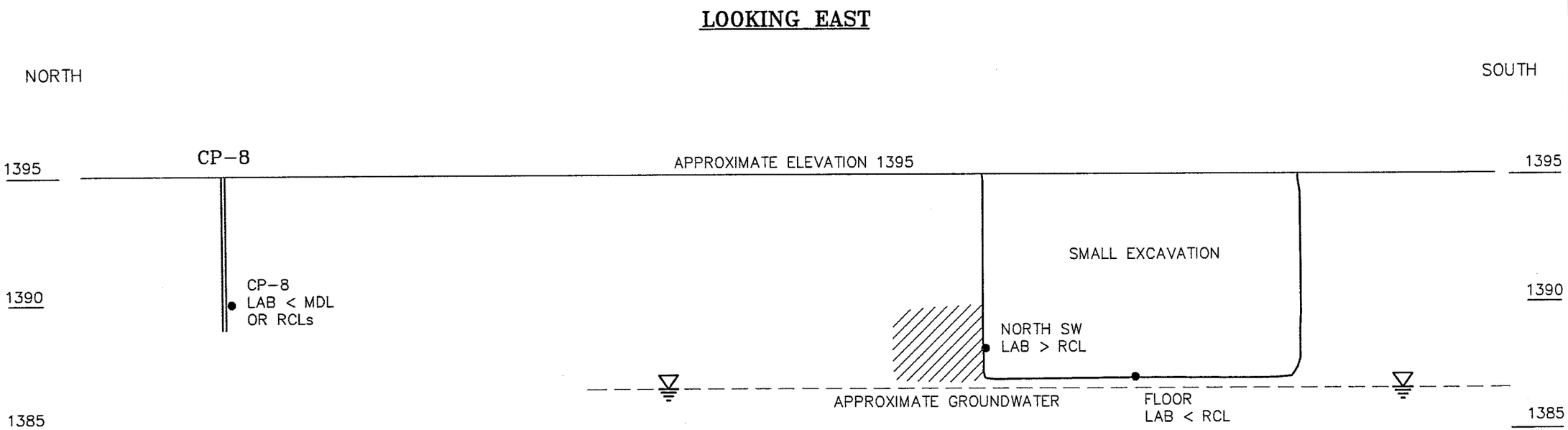


FIGURE 5 – SOIL CROSS SECTION
LARGE IMPACT AREA
FORMER GOODMAN FOREST INDUSTRIES, LTD.
FORMER CHEMICAL PLANT BRRTS #02-38-225802



LEGEND

- SAMPLE LOCATION AND I.D. AND LAB RESULT NOTE
- ESTIMATED AREA WITH SOIL EXCEDING NR 720 RCL

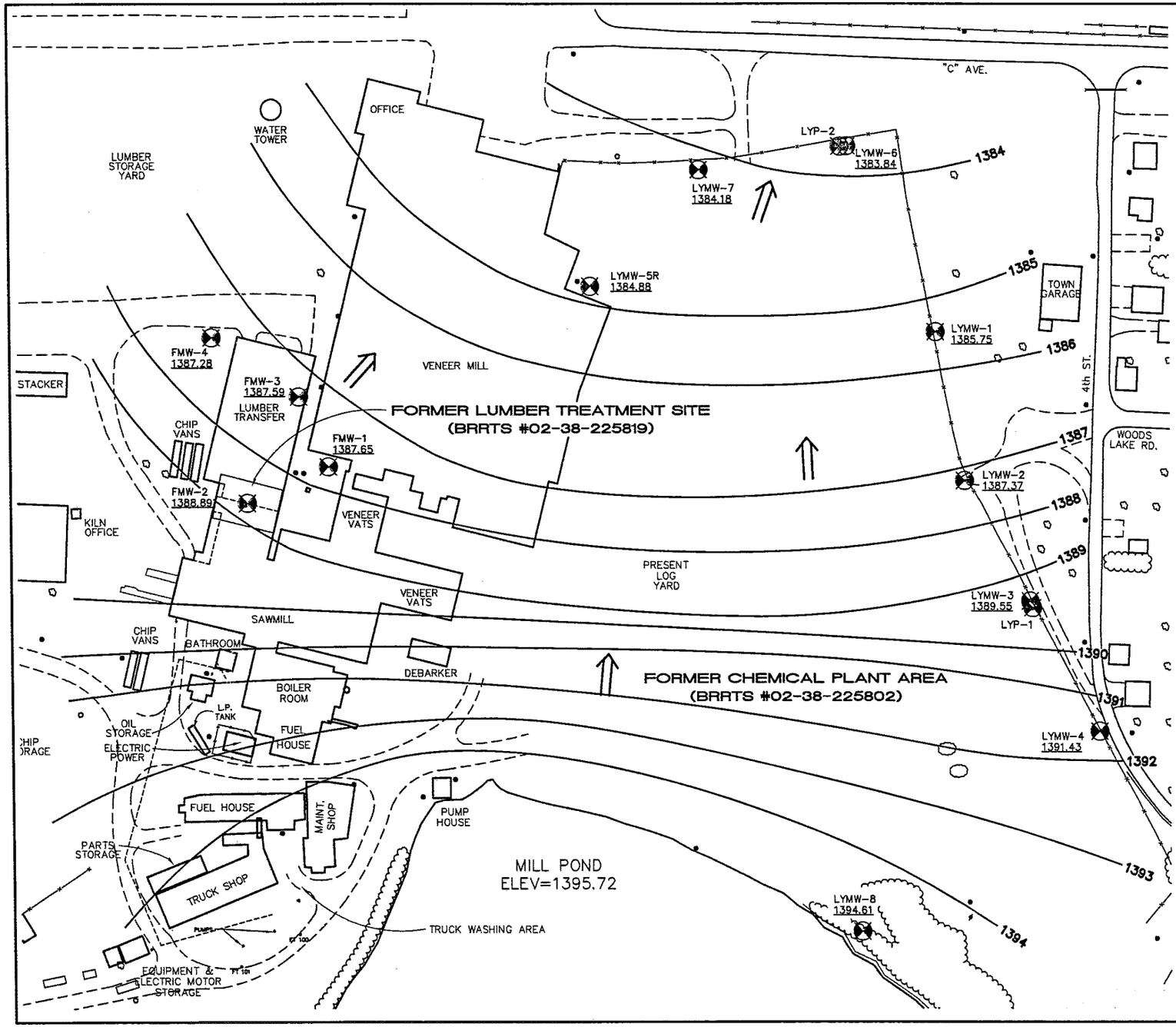
RCL = NR 720 RESIDUE CONTAMINANT LIMIT
MDL = METHOD DETECTION LIMIT

HORIZONTAL SCALE: 1" = 10'
VERTICAL SCALE 1" = 5"

FIGURE 10 – POST REMEDIATION CROSS SECTION
SMALL EXCAVATION
FORMER GOODMAN FOREST INDUSTRIES, LTD.
FORMER CHEMICAL PLANT BRRTS #02-38-225802

COLEMAN ENGINEERING COMPANY
635 CIRCLE DRIVE
IRON MOUNTAIN, MICHIGAN 49801

DATE 4/14/08
JOB NO EE-00405D
CADD FILE 00405D-SECTION



NORTH

SCALE: 1" = 150'

LEGEND

LYMW 1384.88 – MONITORING WELL I.D. AND 2/17/07 GROUNDWATER ELEVATION

– GROUNDWATER FLOW DIRECTION

1384 – GROUNDWATER CONTOUR

NOTE: GROUNDWATER ELEVATION REFERENCED TO USGS DATUM

FIGURE 11
GROUNDWATER FLOW MAP
FORMER GOODMAN FOREST INDUSTRIES, LTD.
FORMER CHEMICAL PLANT BRRTS #02-38-225802

COLEMAN ENGINEERING COMPANY
635 CIRCLE DRIVE
IRON MOUNTAIN, MICHIGAN 49801

DATE 4/15/08
JOB NO EE-00405D
CADD FILE 00405D-GW_FLOW

TABLE 5
GFI FORMER CHEMICAL PLANT SITE
BRRTS #02-38-225802
SOIL SAMPLE ANALYTICAL RESULTS - LARGE EXCAVATION

	Sample Number	S5-W15	S5-W40	S15-W10	S15-W20-F	S15-W40-F	S20-W55	S35-W5	S35-W15-F	S35-W70	S40-W40-F	S40-W60-F	S50-W95	S55-W20-F	S60-W15
	Depth of Sample (ft)	2	2	2	3	3	3	3	3	5	7	7	5	7	4
	Date Sampled	10/23/2001	10/23/2001	10/23/2001	10/23/2001	10/23/2001	10/23/2001	10/23/2001	10/23/2001	10/23/2001	10/23/2001	10/23/2001	10/23/2001	10/23/2001	10/23/2001
Analyte	**Soil Clean-up**														
VOC (ug/kg)	**Standard***														
Benzene	**5.5**	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	**36**	<25
Toluene	**1,500**	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	210	<25
Ethylbenzene	**2,900**	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	82	<25
1,2 dichloroethane	**4.9**	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
Total Xylenes	**4,100**	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	306	<25
1,3,5 Trimethylbenzene	**NS**	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	130	<25
1,2,4-Trimethylbenzene	**NS**	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	41	<25
Hexachlorobutadine	**NS**	<25	<25	27	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
Isopropylbenzene	**NS**	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
p-Isopropyltoluene	**NS**	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
n-Propylbenzene	**NS**	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
s-Butylbenzene	**NS**	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
n-Butylbenzene	**NS**	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	61	<25
PAH (ug/kg)															
Acenaphthene	**38,000**	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18
Acenaphthylene	**700**	<14	<14	<14	<14	<14	<14	<14	<14	<14	<14	<14	<14	<14	<14
Anthracene	**3,000,000**	<13	<13	<13	<13	<13	<13	<13	<13	23	<13	<13	<13	<13	<13
Benzo(a)anthracene	**17,000**	<15	<15	<15	<15	<15	<15	<15	<15	17	<15	<15	<15	<15	<15
Benzo(a)pyrene	**48,000**	<14	<14	<14	<14	<14	<14	<14	<14	15	<14	<14	<14	<14	<14
Benzo(b)fluoranthene	**360,000**	<12	<12	<12	<12	<12	<12	<12	<12	<12	<12	<12	<12	<12	<12
Benzo(g,h,i)perylene	**6,800,000**	<13	<13	<13	<13	<13	<13	<13	<13	<13	<13	<13	<13	<13	<13
Benzo(k)fluoranthene	**870,000**	<14	<14	<14	<14	<14	<14	<14	<14	<14	<14	<14	<14	<14	<14
Chrysene	**37,000**	<15	<15	<15	<15	<15	<15	<15	<15	18	<15	<15	<15	<15	<15
Dibenzo(a,h)anthracene	**38,000**	<12	<12	<12	<12	<12	<12	<12	<12	<12	<12	<12	<12	<12	<12
Fluoranthene	**500,000**	<12	<12	<12	<12	<12	<12	<12	<12	36	<12	<12	15	13	<12
Fluorene	**100,000**	<14	<14	<14	<14	<14	<14	<14	<14	15	<14	<14	<14	49	<14
Indeno(1,2,3-cd)pyrene	**680,000**	<13	<13	<13	<13	<13	<13	<13	<13	13	<13	<13	<13	<13	<13
1-Methylnaphthalene	**23,000**	<15	<15	<15	100	<15	<15	<15	<15	<15	<15	21	<15	69	<15
2-Methylnaphthalene	**20,000**	37	<13	<13	210	<13	<13	14	<13	17	<13	35	<13	100	<13
Naphthalene	**400**	<19	<19	<19	250	<19	<19	<19	<19	40	<19	<19	<19	260	<19
Phenanthrene	**1,800**	<12	<12	<12	<12	<12	<12	12	<12	42	<12	<12	14	33	<12
Pyrene	**8,700,000**	<13	<13	<13	<13	<13	<13	<13	<13	23	<13	<13	<13	<13	<13

ug/kg = Microgram per kilogram - parts per billion
NS = No Standard Established
VOC = Volatile Organic Compounds
PAH = Polycyclic Aromatic Hydrocarbons
Only VOC compounds detected are included in this table.

Bold result indicates standard exceedance
*-Suggested Soil Cleanup Levels for PAHs Interim Guidance-Publication RR-519-97
-VOC Soil Cleanup Levels form NR 720

TABLE 5
GFI FORMER CHEMICAL PLANT SITE
BRRTS #02-38-225802
SOIL SAMPLE ANALYTICAL RESULTS - LARGE EXCAVATION

	Sample Number	S60-W60-F	S60-W85-F	S60-W115	S70-W40-F	S70-W110-F	S80-W40	S85-W65-F	S85-W120-F	S85-W125	S90-W85-F	S95-W110-F	S100-W60	S110-W85	S110-W115
	Depth of Sample (ft)	7	7	6	7	7	4	7	7	6	7	7	4	4	5
	Date Sampled	10/23/2001	10/23/2001	10/25/2001	10/23/2001	10/24/2001	10/23/2001	10/23/2001	10/25/2001	10/25/2001	10/23/2001	10/24/2001	10/23/2001	10/23/2001	10/25/2001
Analyte	**Soil Clean-up**														
VOC (ug/kg)	**Standard***														
Benzene	**5.5**	<25	<25	<25	<25	<25	<25	<25	<25	<25	54	<25	<25	<25	<25
Toluene	**1,500**	<25	<25	<25	<25	<25	<25	<25	<25	<25	910	<25	<25	<25	<25
Ethylbenzene	**2,900**	<25	<25	<25	<25	<25	<25	<25	<25	<25	510	<25	<25	<25	<25
1,2 dichloroethane	**4.9**	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
Total Xylenes	**4,100**	<25	<25	<25	<25	<25	<25	<25	<25	<25	2010	<25	105	<25	<25
1,3,5 Trimethylbenzene	**NS**	<25	<25	<25	<25	<25	<25	<25	<25	<25	420	<25	<25	<25	<25
1,2,4-Trimethylbenzene	**NS**	<25	<25	<25	<25	<25	<25	<25	<25	<25	1400	<25	<25	<25	<25
Hexachlorobutadine	**NS**	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
Isopropylbenzene	**NS**	<25	<25	<25	<25	<25	<25	<25	<25	<25	43	<25	<25	<25	<25
p-Isopropyltoluene	**NS**	<25	<25	<25	<25	<25	<25	<25	<25	<25	100	<25	<25	<25	<25
n-Propylbenzene	**NS**	<25	<25	<25	<25	<25	<25	<25	<25	<25	260	<25	<25	<25	<25
s-Butylbenzene	**NS**	<25	<25	<25	<25	<25	<25	<25	<25	<25	29	<25	<25	<25	<25
n-Butylbenzene	**NS**	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
PAH (ug/kg)															
Acenaphthene	**38,000**	<18	<18	<18	<18	<18	<18	<18	<18	<18	250	<18	<18	<18	<18
Acenaphthylene	**700**	<14	<14	<14	<14	<14	<14	<14	<14	<14	<110	<14	<14	<14	<14
Anthracene	**3,000,000**	<13	<13	<13	<13	<13	<13	<13	<13	<13	200	<13	<13	<13	<13
Benzo(a)anthracene	**17,000**	<15	<15	<15	<15	<15	<15	<15	<15	<15	<120	<15	<15	<15	<15
Benzo(a)pyrene	**48,000**	<14	<14	<14	<14	<14	<14	<14	<14	<14	<110	<14	<14	<14	<14
Benzo(b)fluoranthene	**360,000**	<12	<12	<12	<12	<12	<12	<12	<12	<12	<98	<12	<12	<12	<12
Benzo(g,h,i)perylene	**6,800,000**	<13	<13	<13	<13	<13	<13	<13	<13	<13	<100	<13	<13	<13	<13
Benzo(k)fluoranthene	**870,000**	<14	<14	<14	<14	<14	<14	<14	<14	<14	<120	<14	<14	<14	<14
Chrysene	**37,000**	<15	<15	<15	<15	<15	<15	<15	<15	<15	<120	<15	<15	<15	<15
Dibenzo(a,h)anthracene	**38,000**	<12	<12	<12	<12	<12	<12	<12	<12	<12	<98	<12	<12	<12	<12
Fluoranthene	**500,000**	<12	<12	<12	<12	<12	<12	<12	<12	<12	<94	<12	14	<12	<12
Fluorene	**100,000**	<14	<14	<14	<14	<14	<14	23	<14	<14	1200	14	17	<14	<14
Indeno(1,2,3-cd)pyrene	**680,000**	<13	<13	<13	<13	<13	<13	<13	<13	<13	<100	<13	<13	<13	<13
1-Methylnaphthalene	**23,000**	16	<15	<15	<15	<15	<15	25	21	<15	1500	17	20	<15	<15
2-Methylnaphthalene	**20,000**	22	<13	<13	20	20	<13	38	29	<13	2200	23	36	<13	<13
Naphthalene	**400**	<19	<19	<19	<19	<19	<19	20	20	<19	**1100**	<19	33	<19	<19
Phenanthrene	**1,800**	<12	<12	<12	18	<12	<12	19	<12	<12	660	<12	25	<12	<12
Pyrene	**8,700,000**	<13	<13	<13	<13	<13	<13	<13	<13	<13	<110	<13	<13	<13	<13

ug/kg = Microgram per kilogram - parts per billug/kg = Microgram per kilogram - parts per billion.
NS = No Standard Established NS = No Standard Established.
VOC = Volatile Organic Compounds VOC = Volatile Organic Compounds.
PAH = Polycyclic Aromatic Hydrocarbons PAH = Polycyclic Aromatic Hydrocarbons.
Only VOC compounds detected are included i Only VOC compounds detected are included in this table.

Bold result indicates standard excedence
*-Suggested Soil Cleanup Levels for PAHs Interim Guidance-Publication RR-519-97
-VOC Soil Cleanup Levels form NR 720

Table 2
Goodman Forest Industries, Ltd.
Former Chemical Plant
Soil Sample Laboratory Results
Samples Collected April 1997

Parameter	LYMW-1	LYMW-2	LYMW-3	LYMW-4	LYMW-5	LYMW-6	LYMW-7	LYMW-8	WAC NR 720 Soil Standard
Depth (feet BGS)	1.5-3.5	4.5-6.5	5.5-6.5	4.0-6.0	10-12	2.0-4.0	6.5-6.8	1.0-3.0	NS
VOC's (µg/kg)	ND	ND	ND	ND	ND	ND	ND	ND	varies
PAH's (µg/kg)									
Benzo(a)pyrene	ND	ND	ND	ND	110	ND	ND	ND	48,000
Fluoranthene	54	ND	ND	ND	ND	ND	ND	ND	500,000
Fluorene	220	ND	ND	ND	ND	ND	ND	ND	100,000
2-methylnaphthalene	26	19	ND	ND	ND	ND	ND	ND	20,000
Phenanthrene	510	ND	ND	ND	ND	ND	ND	ND	1800
Pyrene	300	ND	ND	ND	ND	ND	ND	ND	8,700,000

All units µg/kg - micrograms per kilogram

Table 3
Goodman Forest Industries, Ltd.
Former Chemical Plant Wood Tar
Waste Characterization Laboratory Results

Parameter	LY-30	WAC NR 605 Standard
Arsenic - TCLP	< 0.7 mg/l	5.0
Barium - TCLP	0.75 mg/l	100
Cadmium - TCLP	< 0.01 mg/l	1.0
Chromium - TCLP	< 0.01 mg/l	5.0
Copper - TCLP	< 0.02 mg/l	NS
Cyanide, reactive	< 2.5 mg/kg	NS
Lead - TCLP	< 0.2 mg/l	5.0
Mercury - TCLP	< 0004 mg/l	0.20
Nickel - TCLP	< 0.02 mg/l	NS
Selenium - TCLP	< 0.7 mg/l	1.0
Silver - TCLP	< 0.01 mg/l	5.0
Sulfide, reactive	< 10 mg/kg	NS
Zinc - TCLP	0.33 mg/l	NS
Flashpoint	180 °F	<140 °F
pH	7.2 s.u.	< 2 or > 12.5
Percent Solids	47 %	NS
Semivolatiles - TCLP	ND	*
Volatiles - TCLP	ND	*

Only parameters detected are included in the Tables
BGS - Sample depth in feet Below Ground Surface **ND** - Not detected above laboratory detection limits
µg/kg - micrograms per kilogram **mg/l** - Milligrams per liter **mg/kg** - Milligrams per kilogram
NS - No Standard **VOC** - Volatile Organic Compounds **PAH** - Polynuclear Aromatic Hydrocarbons
WAC NR 720 - Wisconsin Administrative Code Chapter NR 720
WAC NR 605 - Wisconsin Administrative Code Chapter NR 605 Maximum Concentrations Standards
* indicates the standard varies

Table 6
Goodman Forest Industries, Ltd.
Former Chemical Plant
Groundwater Sample Laboratory Results

Parameter	LYMW-4 (7/20/97)	LYMW-5 (5/5/97)	LYMW-5 (7/30/97)	LYMW-6 (5/5/97)	LYMW-6 (7/30/97)	LYMW-7 (5/5/97)	LYMW-7 (7/30/97)	LYMW-8 (5/5/97)	LYMW-8 (7/30/97)	LYP-2 (7/30/97)	WAC NR140 PAL/ES
VOC's (µg/l)						ND					
Benzene	ND	5.1	1.2	ND	ND		ND	ND	ND	ND	0.5/5.0
Ethylbenzene	ND	2.0	0.49 Q	ND	0.28 Q		ND	2.5	ND	ND	140/700
Toluene	ND	18	0.43 Q	ND	ND		ND	ND	ND	0.29 Q	68.6/343
1,2,4-TMB	ND	2.6	1.0	ND	ND		ND	ND	ND	ND	NS
1,3,5-TMB	ND	0.6 Q	ND	ND	ND		ND	ND	ND	ND	NS
m,p-Xylene	ND	5.4	1.2 Q	0.7 Q	1.5 Q		ND	9.0	ND	ND	124/620
o-Xylene	ND	2.3	0.58 Q	0.6 Q	1.6		ND	1.9	ND	ND	124/620
Methylene Chloride	0.26 Q	ND	ND	ND	0.23 Q		0.26 Q	ND	0.48 Q	ND	0.5/5
p-Isopropyltoluene	ND	ND	ND	ND	7.9		ND	ND	ND	ND	NS
n-Propylbenzene	ND	0.4 Q	ND	ND	ND		ND	ND	ND	ND	NS
PAH	ND								ND	ND	
Benzo(a)anthracene		ND	ND	0.02 Q	ND	ND	0.032 Q	ND			NS
Benzo(a)pyrene		ND	ND	0.02 Q	ND	ND	0.025 Q	ND			0.02/0.2
Benzo(b)fluoranthene		0.03 Q	0.46	0.20	0.018 Q	0.05	0.063	ND			NS
Benzo(ghi)perylene		ND	ND	0.03 Q	ND	ND	ND	ND			NS
Benzo(k)fluoranthene		ND	ND	0.02 Q	ND	ND	ND	ND			NS
Chrysene		ND	ND	ND	ND	ND	0.034 Q	ND			NS
Fluoranthene		ND	ND	0.02 Q	ND	ND	0.029 Q	ND			NS
Indeno(1,2,3-cd)pyrene		ND	ND	0.05 Q	ND	ND	ND	ND			NS
1-Methylnaphthalene		ND	ND	ND	ND	ND	ND	0.7 Q			NS
Pyrene		ND	ND	0.03 Q	ND	0.02 Q	0.039	ND			NS

ND - Not Detected
µg/l - Micrograms per liter
WAC NR 140 - Wisconsin Administrative Code Chapter NR 140
PAL/ES - Preventive Action Limit and Enforcement Standard.
Q - Parameter has been detected below the laboratories level of quantification. The results are qualified due to the uncertain concentration between the level of detection and the level of quantification.
Shading denotes laboratory results exceeding WAC NR 140 Standard.
Only those parameters detected are listed.

TABLE 3
GOODMAN VENEER AND LUMBER COMPANY, INC.
FORMER CHEMICAL PLANT SITE, GOODMAN, WISCONSIN
BRRTS # 02-38-225802
GROUNDWATER MONITORING VOC AND PAH ANALYTIC RESULTS

Well ID			LYMW-1			LYMW-2			LYMW-3			LYMW-4			LYMW-5		
Date Sampled			12/6/1999	6/14/2004	2/15/2007	12/6/1999	6/14/2004	2/15/2007	12/6/1999	6/14/2004	2/15/2007	12/6/1999	6/14/2004	2/15/2007	12/6/1999	6/14/2004	2/15/2007
VOC (ug/l)																	
All VOC compounds were less than method detection limits (MDL) with the exception of methylene chloride (lab contaminant). All MDLs less than																	
PAH (ug/l)	ES	PAL															
Acenaphthene	NS	NS	<0.13	<0.017	<0.017	<0.14	<0.017	<0.083	<0.15	<0.017	<0.0083	<0.14	<0.017	<0.0084	<0.13	<0.017	0.015
Acenaphthylene	NS	NS	<0.15	<0.018	<0.017	<0.16	<0.018	<0.083	<0.17	<0.018	<0.0083	<0.16	<0.018	<0.0083	<0.15	<0.018	0.016
Anthracene	3000	600	0.02	<0.019	0.024	<0.021	<0.019	<0.12	<0.022	<0.019	<0.012	<0.021	<0.019	<0.012	<0.020	<0.019	0.028
Benzo(a)anthracene	NS	NS	<0.11	<0.011	<0.032	<0.12	<0.011	<0.16	<0.13	<0.011	<0.016	<0.12	<0.011	<0.016	<0.11	0.014	0.063
Benzo(a)pyrene	0.20	0.02	<0.013	<0.013	<0.038	<0.014	<0.013	<0.19	<0.015	<0.013	<0.019	<0.014	<0.013	<0.019	<0.013	<0.013	**0.062Q**
Benzo(b)fluoranthene	0.20	0.02	<0.055	<0.012	<0.032	<0.059	<0.012	<0.16	<0.061	<0.012	<0.016	<0.057	<0.012	<0.016	<0.055	<0.012	**0.047Q**
Benzo(g,h,i)perylene	NS	NS	<0.074	<0.015	<0.040	<0.079	<0.015	<0.20	<0.082	<0.015	<0.020	<0.076	<0.015	<0.020	<0.074	<0.015	0.042
Benzo(k)fluoranthene	NS	NS	<0.011	<0.018	<0.040	<0.012	<0.018	<0.20	<0.13	<0.018	<0.020	<0.12	<0.018	<0.020	<0.11	<0.018	0.054
Chrysene	0.20	0.02	<0.059	<0.013	<0.039	<0.064	<0.013	<0.19	<0.066	<0.013	<0.019	<0.062	<0.013	<0.019	<0.059	<0.013	**0.059Q**
Dibenzo(a,h)anthracene	NS	NS	<0.068	<0.015	<0.039	<0.073	<0.015	<0.19	<0.076	<0.015	<0.019	<0.071	<0.015	<0.019	<0.068	<0.015	<0.021
Fluoranthene	400	80	<0.066	<0.012	<0.032	<0.071	<0.012	<0.16	<0.074	<0.012	<0.016	<0.069	<0.012	<0.016	<0.066	0.021	0.12
Fluorene	400	80	<0.11	<0.016	<0.019	<0.012	<0.016	0.13	<0.13	<0.016	<0.0092	<0.12	<0.016	<0.0093	<0.11	<0.016	0.019
Indeno(1,2,3-cd)pyrene	NS	NS	<0.08	<0.02	<0.039	<0.086	<0.020	<0.19	<0.089	<0.020	<0.019	<0.083	<0.020	<0.019	<0.080	<0.020	0.033
1-Methylnaphthalene	NS	NS	<0.082	<0.017	0.19	<0.088	<0.017	0.012	<0.092	<0.017	<0.010	<0.085	<0.017	<0.010	<0.082	0.018	0.053
2-Methylnaphthalene	NS	NS	<0.072	0.018	0.27	<0.077	<0.016	<0.11	<0.080	<0.016	<0.011	<0.075	<0.016	<0.011	<0.072	0.019	0.041
Naphthalene	40	8	<0.056	0.34	0.20	<0.060	<0.023	<0.13	<0.062	0.024	0.013	<0.058	<0.023	0.021	<0.056	0.024	0.036
Phenanthrene	NS	NS	<0.045	<0.015	0.028	<0.048	<0.015	<0.12	<0.051	<0.015	0.013	<0.047	<0.015	<0.012	<0.045	0.023	0.12
Pyrene	250	50	<0.032	<0.016	<0.03	<0.034	<0.016	<0.15	<0.036	<0.016	0.015	<0.033	<0.016	<0.015	<0.032	0.022	0.095

Well ID			LYMW-6			LYMW-7			LYMW-8			LYP-1			LYP-2		
Date Sampled			12/6/1999	6/14/2004	2/15/2007	12/6/1999	6/14/2004	2/15/2007	12/6/1999	6/14/2004	2/15/2007	12/6/1999	6/14/2004	2/15/2007	12/6/1999	6/14/2004	2/15/2007
VOC (ug/l)																	
All VOC compounds were less than method detection limits (MDL) with the exception of methylene chloride (lab contaminant). All MDLs less than 1.0																	
PAH (ug/l)	ES	PAL															
Acenaphthene	NS	NS	<0.14	<0.017	<0.0082	<0.14	0.053	0.044	<0.15	<0.017	<0.0082	<0.14	<0.017	<0.0087	<0.13	<0.017	<0.0092
Acenaphthylene	NS	NS	<0.16	<0.018	<0.0082	<0.16	<0.18	<0.0086	<0.17	<0.018	<0.0082	<0.16	<0.018	<0.0087	<0.15	<0.018	<0.0091
Anthracene	3000	600	<0.021	<0.019	0.016	<0.020	<0.019	<0.012	<0.023	<0.019	<0.012	<0.021	0.037	0.026	<0.020	<0.019	<0.013
Benzo(a)anthracene	NS	NS	<0.12	0.030	<0.016	<0.12	<0.011	<0.017	<0.13	<0.012	<0.016	<0.12	<0.011	<0.017	<0.11	<0.011	<0.017
Benzo(a)pyrene	0.20	0.02	<0.014	0.030	<0.019	<0.014	<0.013	<0.02	<0.015	<0.013	<0.019	<0.014	<0.013	<0.020	<0.013	<0.013	<0.021
Benzo(b)fluoranthene	0.20	0.02	<0.059	0.021	<0.016	<0.056	<0.012	<0.017	<0.062	<0.012	<0.016	<0.058	<0.012	<0.017	<0.055	<0.012	<0.018
Benzo(g,h,i)perylene	NS	NS	<0.080	0.021	<0.019	<0.076	<0.015	<0.021	<0.084	<0.015	<0.019	<0.078	<0.015	<0.021	<0.074	<0.015	<0.022
Benzo(k)fluoranthene	NS	NS	<0.12	0.020	<0.020	<0.12	<0.018	<0.021	<0.13	<0.018	<0.020	<0.12	<0.018	<0.021	<0.11	<0.018	<0.022
Chrysene	0.20	0.02	<0.064	0.027	<0.019	<0.061	0.017	<0.020	<0.068	<0.013	<0.019	<0.063	<0.013	<0.020	<0.059	<0.013	<0.021
Dibenzo(a,h)anthracene	NS	NS	<0.073	<0.015	<0.019	<0.070	<0.015	<0.020	<0.077	<0.015	<0.019	<0.072	<0.015	<0.020	<0.068	<0.015	<0.021
Fluoranthene	400	80	<0.071	0.040	0.019	<0.068	<0.012	0.017	<0.075	<0.012	<0.016	<0.070	<0.012	<0.017	<0.066	<0.012	<0.017
Fluorene	400	80	<0.12	<0.016	0.11	<0.12	0.025	0.022	<0.13	<0.016	<0.0091	<0.12	<0.016	0.0099	<0.11	<0.016	0.12
Indeno(1,2,3-cd)pyrene	NS	NS	<0.087	<0.020	<0.019	<0.083	<0.020	<0.020	<0.091	<0.020	<0.019	<0.085	<0.020	<0.020	<0.080	<0.020	<0.021
1-Methylnaphthalene	NS	NS	<0.089	<0.017	<0.010	<0.084	<0.017	<0.011	<0.094	<0.017	<0.010	<0.087	<0.017	0.011	<0.082	<0.017	0.012
2-Methylnaphthalene	NS	NS	<0.078	0.017	0.012	<0.074	0.020	0.015	<0.082	<0.016	0.012	<0.076	<0.016	0.017	<0.072	0.017	0.015
Naphthalene	40	8	<0.060	0.044	<0.012	<0.057	0.38	<0.013	<0.063	0.024	0.016	<0.059	<0.023	<0.013	<0.056	0.038	<0.014
Phenanthrene	NS	NS	<0.049	0.022	0.081	<0.047	0.081	0.065	<0.052	<0.015	<0.011	<0.048	<0.015	<0.012	<0.045	<0.015	0.052
Pyrene	250	50	<0.035	0.048	0.034	<0.033	<0.016	0.021	<0.037	<0.016	<0.015	<0.034	<0.016	0.017	<0.032	<0.016	0.017

All units ug/l - Microgram per liter - parts per billion
ES/PAL-Enforcement Standard/Preventive Action Limit as per NR 140 WAC
NS-no ES/PAL

VOC-Volatile Organic Compound
PAH-Polynuclear Aromatic Hydrocompound
Q-The results are between MDL and level of quantitation therefor are qualified

TABLE 8
GFI FORMER CHEMICAL PLANT SITE BRRTS #02-38-225802
LUMBER TREATMENT SITE BRRTS #02-38-225819
GROUNDWATER ELEVATION DATA

			DATE	12/7/1999		6/14/2004		2/15/2007	
WELL ID	T/PVC	B/PVC	T/SCREEN	DTW	GW ELE	DTW	GW ELE	DTW	GW ELE
LYMW-1	1393.23	1383.78	1388.78	6.96	1386.27	5.2	1388.03	7.48	1385.75
LYMW-2	1398.79	1383.79	1393.79	11.09	1387.7	8.92	1389.87	11.42	1387.37
LYMW-3	1402.33	1387.23	1397.23	12.62	1389.71	10.12	1392.21	12.78	1389.55
LYMW-4	1405.43	1390.43	1400.43	13.77	1391.66	11.11	1394.32	14.00	1391.43
LYMW-5	1400.66	1380.66	1390.66	14.18	1386.48	NA	NA	NA	NA
LYMW-5R	1401.29	1379.76	1389.7	NA	NA	14.72	1386.57	15.78	1385.51
LYMW-6	1389.48	1379.7	1384.7	5.26	1384.22	3.64	1385.84	5.67	1383.81
LYMW-7	1392.18	1377.58	1387.58	7.71	1384.47	6.63	1385.55	8.00	1384.18
LYMW-8	1400.95	1390.7	1395.7	5.63	1395.32	5.3	1395.65	6.34	1394.61
LYP-1	1403.11	1377.36	1379.36	13.36	1389.75	10.88	1392.23	13.52	1389.59
LYP-2	1389.27	1362.07	1364.07	5.15	1384.12	8.92	1380.35	5.48	1383.79

Elevation data from Lumber Treatment Site BRRTS# 02-38-225819

			DATE	8/1/2003		11/20/2003		6/14/2004		4/21/2005		2/15/2007	
WELL ID	T/PVC	B/PVC	T/SCREEN	DTW	GW ELE	DTW	GW ELE	DTW	GW ELE	DTW	GW ELE	DTW	GW ELE
FMW-1	1402.89	1380.00	1390.00	14.97	1387.92	15.06	1387.83	14.07	1388.82	14.89	1388	15.24	1387.65
FMW-2	1408.31	1381.00	1391.00	19.00	1389.31	21.86	1386.45	18.02	1390.29	18.89	1389.42	19.42	1388.89
FMW-3	1408.99	1384.00	1394.00	21.46	1387.53	21.23	1387.76	20.5	1388.49	21.77	1387.22	21.4	1387.59
FMW-4	1413.84	1383.00	1393.00	26.04	1387.8	26.05	1387.79	25.31	1388.53	26.14	1387.7	26.56	1387.28

all elevations referenced to mean sea level-USGS Datum
T/PVC-top of pvc well casing
B/PVC-bottom of pvc well casing
T/SCREEN-top of screen
DTW-depth to water
GW ELE- groundwater elevation