

GIS REGISTRY

Cover Sheet

May, 2009

(RR 5367)

Source Property Information

BRRTS #:

ACTIVITY NAME:

PROPERTY ADDRESS:

MUNICIPALITY:

PARCEL ID #:

CLOSURE DATE:

FID #:

DATCP #:

COMM #:

*WTM COORDINATES:

X: Y:

**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")*

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:

N/A (Not Applicable)

Soil: maintain industrial zoning (220)

*(note: soil contamination concentrations
between non-industrial 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:

Are all monitoring wells properly abandoned per NR 141? (234)

Yes No N/A

**Residual Contaminant Level*

***Site Specific Residual Contaminant Level*

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 #: 02-41-548777 PARCEL ID #: NA - see attached Legal Description Statement

ACTIVITY NAME: OCPP - Coal Dock/Tractor Shed Area WTM COORDINATES: X: 697436 Y: 266054

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.)
- 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 8.5 x 14 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 and 2 Title: Figure 1: Site Location Map Figure 2: Overall OCPP Layout 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 #: 3 Title: Coal Dock/Tractor Shed Area Layout Map
- 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 #: 5 Title: Summary of Confirmation Soil Sample Analytical Results

BRRTS #: 02-41-548777

ACTIVITY NAME: OCPP - Coal Dock/Tractor Shed 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 #: Title:

Figure #: Title:

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 than 20° over the history of the site, submit 2 groundwater flow maps showing the maximum variation in flow direction.

Figure #: Title:

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 #: 1 Title: **Summary of Confirmation Soil Sample Analytical 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 #: 2 Title: **Summary of Groundwater Sample Analytical 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 #: 3 Title: **Summary of 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 #: 02-41-548777

ACTIVITY NAME: OCPP - Coal Dock/Tractor Shed Area

NOTIFICATIONS

Source Property

- 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.

- 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

Jim Doyle, Governor
Matthew J. Frank, Secretary
Gloria L. McCutcheon, Regional Director

Southeast Region Headquarters
2300 N. Dr. Martin Luther King, Jr. Drive
Milwaukee, Wisconsin 53212-0436
Telephone 414-263-8500
FAX 414-263-8606
TTY 711

June 17, 2009

Mr. Thomas Jansen
WE Energies
333 West Everett Street
Milwaukee, WI 53203

Subject: Final Case Closure with Land Use Limitations or Conditions
Oak Creek Power Plant - Coal Dock/Tractor Shed Area
11060 South Chicago Road, Oak Creek, WI 53154
FID #: 341140580; BRRTS #: 02-41-548777

Dear Mr. Jansen:

The Department of Natural Resources (Department) has completed the review of the above referenced case for closure. The Department reviews environmental remediation cases for compliance with state laws and standards to maintain consistency in the closure of these cases. Information submitted to the Department for closure request includes soil documents for GIS registry and summary of groundwater analytical results from temporary wells.

Based on the correspondence and data provided in the case file, 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.

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. 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, Wisconsin Administrative Code.

Remaining Residual Soil Contamination:

Residual soil contamination remains at the approximate location shown on **Figure 5: Summary of Confirmation Soil Sample Analytical Results, Coal Dock/Tractor Shed Area, Oak Creek Power Plant, Oak Creek, Wisconsin**. If the residual contaminated soil in the specific location(s) described above is excavated in the future the property owner at the time of excavation must sample and analyze the excavated soil to determine if the 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 statutes 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 during excavation activities to prevent a health threat to humans.

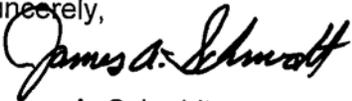
Mr. Thomas Jansen - WE Energies
RE: Final Case Closure with Land Use Limitations or Conditions
Oak Creek Power Plant - Coal Dock/Tractor Shed Area
11060 South Chicago Road, Oak Creek, WI 53154
June 17, 2009
Page 2.

In addition, depending on site-specific conditions, construction over contaminated materials may result in vapor migration into enclosed structures or migration along newly placed underground utility lines. The potential for vapor inhalation and mitigation should be evaluated when planning any future redevelopment, and measures should be taken to ensure the continued protection of public health, safety, welfare and the environment at the site.

Your site will be listed on the DNR Remediation and Redevelopment GIS Registry of Closed Remediation Sites. 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 <http://dnr.wi.gov/org/aw/rr/gis/index.htm>. If your 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://www.dnr.state.wi.us/org/water/dwg/3300254.pdf> or at the web address listed above.

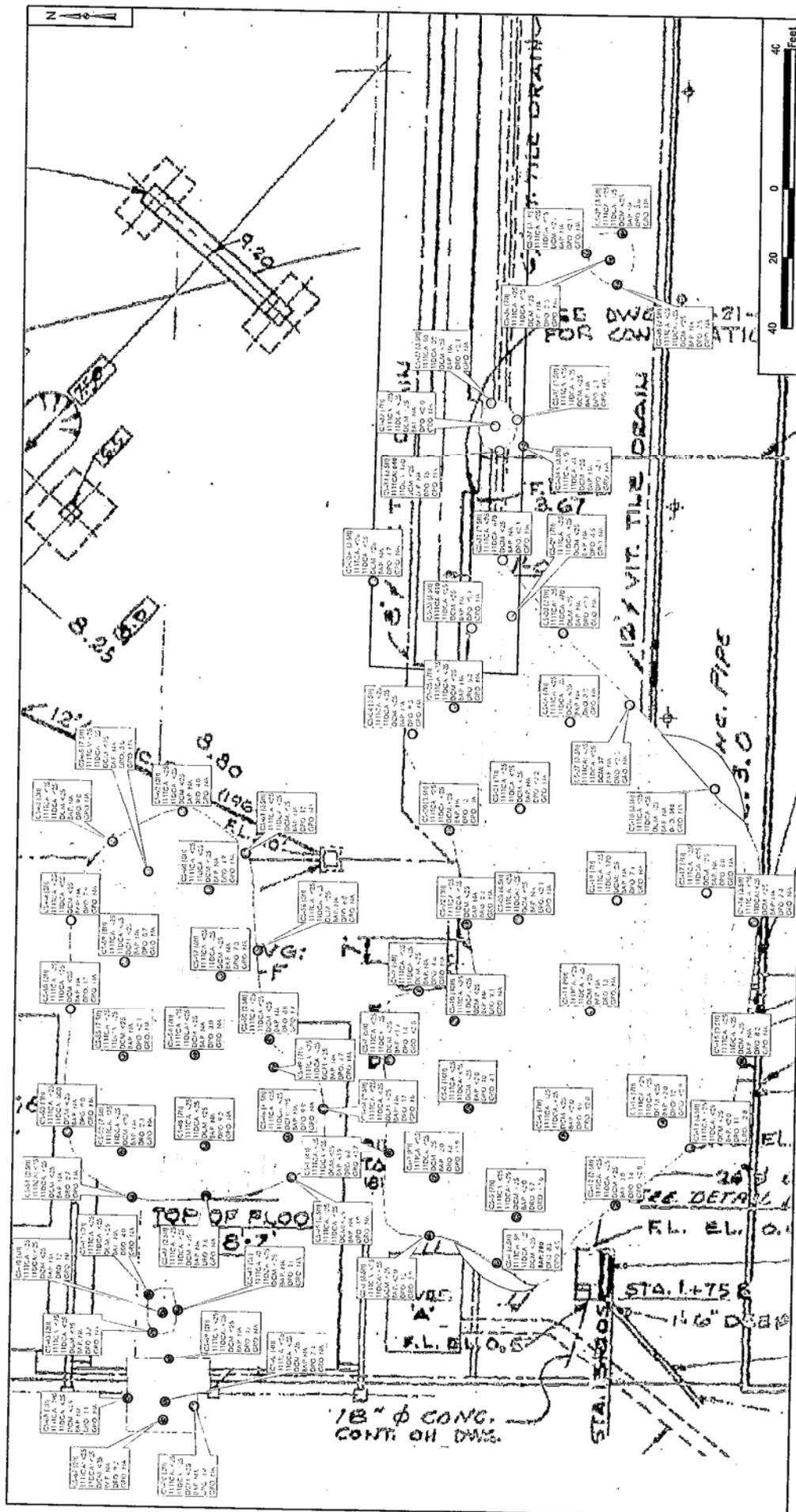
The Department appreciates your efforts to restore the environment at this site. If you have any questions regarding this closure decision, please contact Eric Amadi at (414) 263-8639.

Sincerely,



James A. Schmidt
Southeast Region Remediation & Redevelopment Team Supervisor

cc: Gregory Johnson - Geosyntec Consultants, W67 N222 Evergreen Blvd., Suite 113,
Cedarburg, WI 53012
SER Case File #: 02-41-548777



Summary of Confirmation Soil Sample Analytical Results
 Coal Dock/Tractor Shed Area
 Oak Creek Power Plant
 Oak Creek, Wisconsin

Geosyntec
 consultants

Cedarburg 24-Mar-2008

Figure 5

Notes:
 111TCA - 1,1,1-Trichloroethane, µg/kg
 111DCA - 1,1-Dichloroethane, µg/kg
 DCM - Dichloromethane (Methylene Chloride), µg/kg
 BAP - Benz[a]pyrene, µg/kg
 DRO - Diesel Range Organics, mg/kg
 GRO - Gasoline Range Organics, mg/kg
 µg/kg - micrograms per kilogram
 NA - not detected or associated value is reporting limit
 ND - not detected

Concentrations exceed NR 720 or WDNR interim guidance generic residual contaminant level (RCL) (Industrial direct contact or groundwater protection), calculated RCL.
 EPA preliminary 7-cementation goal (PMSG) (Industrial), or EPA soil screening levels (SSLs)

Legend:
 Sample ID (sample depth) Analytes and concentrations: □ Confirmation Soil Sample Location, □ Confirmation Soil Sample Location (removed during subsequent excavation phase)
 Approximate Extent of Excavation: □
 Estimated extent of residual soil impacted with contaminant concentrations > NR 720 RCLs, WDNR interim guidance RCLs or EPA SSLs: □
 Approximate Extent of Soil Removal During Recidim Tunnel Removal: □

M Form 31
Rev 9/1/50

ADDRESS REPLY TO:

DISTRICT ENGINEER
MILWAUKEE DISTRICT
CORPS OF ENGINEERS
P. O. BOX 744
MILWAUKEE 1, WISCONSIN

CORPS OF ENGINEERS, U. S. ARMY
OFFICE OF THE DISTRICT ENGINEER
MILWAUKEE DISTRICT
428 FEDERAL BLDG.
MILWAUKEE 1, WIS.

26 March 1951

REFER TO FILE NO. GLKKS

SUBJECT: Permit for Docks and Piers in Lake Michigan, Town of
Oak Creek, Milwaukee County, Wisconsin.

Wisconsin Electric Power Company
231 West Michigan Street
Milwaukee 1, Wisconsin

ATTENTION: Mr. C. F. John, Vice Pres. in Charge of Power

Gentlemen:

Referring to your letter of application dated 3 March 1951 there is inclosed herewith Department of the Army permit dated 26 March 1951, to construct docks and piers; dredge and fill; and to make other improvements in Lake Michigan, in Section 31, Town of Oak Creek, Milwaukee County, and Section 6, Town of Caledonia, Racine County, Wisconsin. Please acknowledge receipt.

If any material changes in the location or plans of this structure or work are found necessary on account of unforeseen or altered conditions or otherwise, revised plans should be submitted promptly to this office so that these revised plans, if found unobjectionable from the standpoint of navigation, may receive the approval required by law before construction thereon is begun. Any structure constructed in navigable waters of the United States not in accordance with plans previously approved under Section 10 of the River and Harbor Act of 3 March 1899, becomes an illegal structure.

While the instrument expresses the assent of the Federal Government so far as concerns the public rights of navigation, State assent, if required, should also be obtained before proceeding with the proposed work, (see note at top of face of instrument).

Very truly yours,



D. A. MORRIS
Colonel, Corps of Engineers
District Engineer

1 Incl:
Permit (5-V-70)

DEPARTMENT OF THE ARMY

NOTE.—It is to be understood that this instrument does not give any property rights either in real estate or material, or any exclusive privileges; and that it does not authorize any injury to private property or invasion of private rights, or any infringement of Federal, State, or local laws or regulations, nor does it obviate the necessity of obtaining State assent to the work authorized. IT MERELY EXPRESSES THE ASSENT OF THE FEDERAL GOVERNMENT SO FAR AS CONCERNS THE PUBLIC RIGHTS OF NAVIGATION. (See *Cummings v. Chicago*, 188 U. S., 410.) 16-13168-2

GLKKS

PERMIT

Office, District Engineer
Milwaukee District, Corps of Engineers.
428 Federal Building
Milwaukee 1, Wis., 26 March, 1951.

Wisconsin Electric Power Company
231 West Michigan Street
Milwaukee 1, Wisconsin

Sirs:

Referring to written request dated 3 March 1951,

I have to inform you that, upon the recommendation of the Chief of Engineers, and under the provisions of Section 10 of the Act of Congress approved March 3, 1899, entitled "An act making appropriations for the construction, repair, and preservation of certain public works on rivers and harbors, and for other purposes," you are hereby authorized by the Secretary of the Army,

to construct docks and piers; to dredge and fill; and to make other improvements, (dredged material to be used as fill; excess material not used as fill shall be deposited in Lake Michigan in not less than 50 feet of water),

in Lake Michigan

(Here to be named the river, harbor, or waterway concerned.)

at Section 31, Town of Oak Creek, Milwaukee County, and Section 6, Town of

(Here to be named the nearest well-known locality—preferably a town or city—and the distance in miles and tenths from some definite point in the same, stating whether above or below or giving direction by points of compass.)

Caledonia, Racine County, about mid-way between Milwaukee and Racine Harbors, Wisconsin,

in accordance with the plans shown on the drawing attached hereto marked

(Or drawings; give file number or other definite identification marks.)

"Proposed Dock, Pier and Dredging for Power Plant Development in Town of Oak Creek at Shore of Lake Michigan, County of Milwaukee, State: Wis., Application by Wisconsin Electric Power Co., Milwaukee, Wis., Mar. 3, 1951, File No. 5-V-70, in 4 sheets," subject to the following conditions:

(a) That the work shall be subject to the supervision and approval of the District Engineer, Corps of Engineers, of the locality, who may temporarily suspend the work at any time, if in his judgment the interests of navigation require.

(b) That any material dredged in the prosecution of the work herein authorized shall be removed evenly and no large refuse piles, ridges across the bed of the waterway, or deep holes that may have a tendency to cause injury to navigable channels or to the banks of the waterway shall be left. If any pipe, wire, or cable hereby authorized is laid in a trench, the formation of permanent ridges across the bed of the waterway shall be avoided and the back filling shall be so done as not to increase the cost of future dredging for navigation. Any material to be deposited or dumped under this authorization, either in the waterway or on shore above high-water mark, shall be deposited or dumped at the locality shown on the drawing hereto attached, and, if so prescribed thereon, within or behind a good and substantial bulkhead or bulkheads, such as will prevent escape of the material in the waterway. If the material is to be deposited in the harbor of New York, or in its adjacent or tributary waters, or in Long Island Sound, a permit therefor must be previously obtained from the Supervisor of New York Harbor, Whitehall Building, New York City.

(c) That there shall be no unreasonable interference with navigation by the work herein authorized.

(d) That if inspections or any other operations by the United States are necessary in the interest of navigation, all expenses connected therewith shall be borne by the permittee.

(e) That no attempt shall be made by the permittee or the owner to forbid the full and free use by the public of all navigable waters at or adjacent to the work or structure.

(f) That if future operations by the United States require an alteration in the position of the structure or work herein authorized, or if, in the opinion of the Secretary of the Army, it shall cause unreasonable obstruction to the free navigation of said water, the owner will be required upon due notice from the Secretary of the Army, to remove or alter the structural work or obstructions caused thereby without expense to the United States, so as to render navigation reasonably free, easy, and unobstructed; and if, upon the expiration or revocation of this permit, the structure, fill, excavation, or other modification of the watercourse hereby authorized shall not be completed, the owners shall, without expense to the United States, and to such extent and in such time and manner as the Secretary of the Army may require, remove all or any portion of the uncompleted structure or fill and restore to its former condition the navigable capacity of the watercourse. No claim shall be made against the United States on account of any such removal or alteration.

(g) That the United States shall in no case be liable for any damage or injury to the structure or work herein authorized which may be caused by or result from future operations undertaken by the Government for the conservation or improvement of navigation, or for other purposes, and no claim or right to compensation shall accrue from any such damage.

(h) That if the display of lights and signals on any work hereby authorized is not otherwise provided for by law, such lights and signals as may be prescribed by the U. S. Coast Guard, shall be installed and maintained by and at the expense of the owner.

(i) That the permittee shall notify the said district engineer at what time the work will be commenced, and as far in advance of the time of commencement as the said district engineer may specify, and shall also notify him promptly, in writing, of the commencement of work, suspension of work, if for a period of more than one week, resumption of work, and its completion.

(j) That if the structure or work herein authorized is not completed on or before 31st day of December, 19 54, this permit, if not previously revoked or specifically extended, shall cease and be null and void.

By authority of the Secretary of the Army:



D. A. MORRIS
Colonel, Corps of Engineers
District Engineer

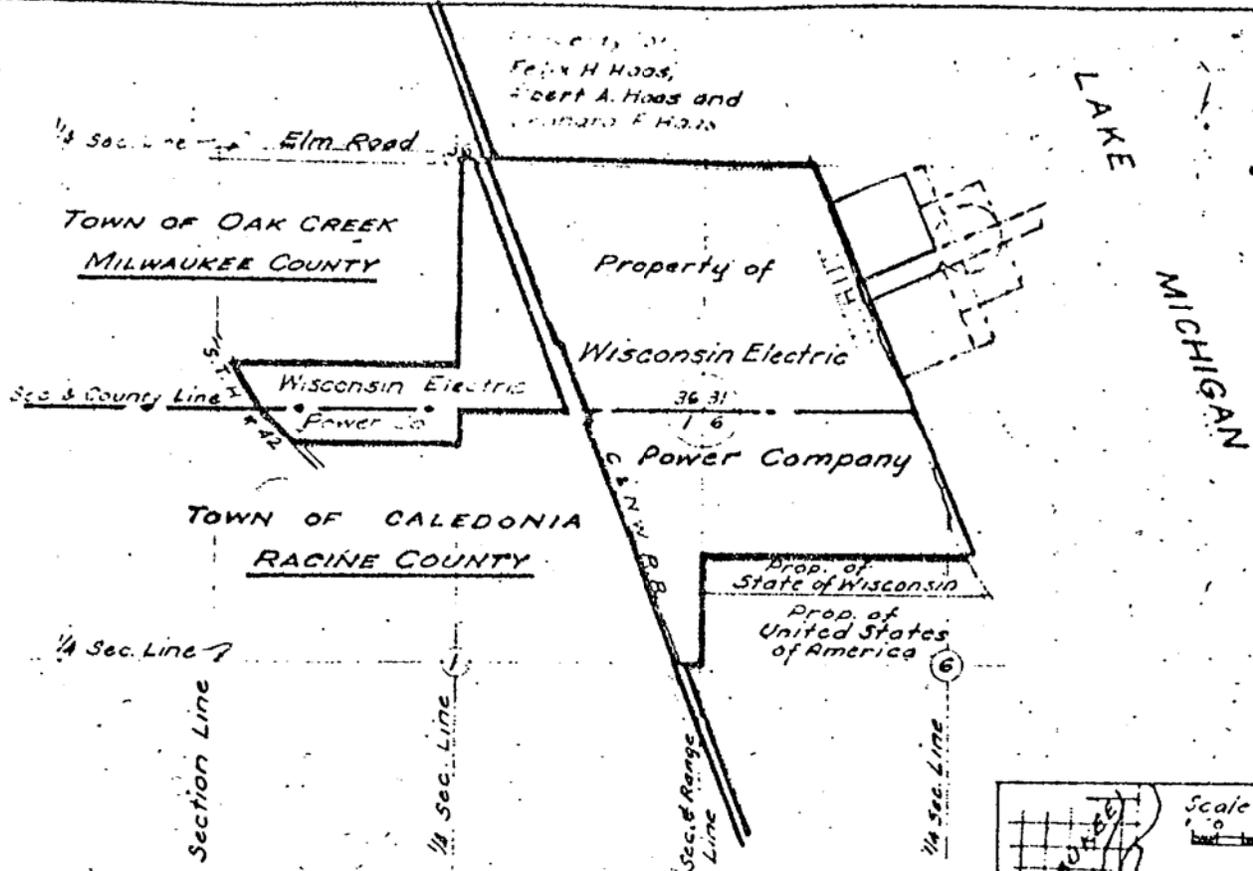
Plan attached.

END FORM
1 SEP 48

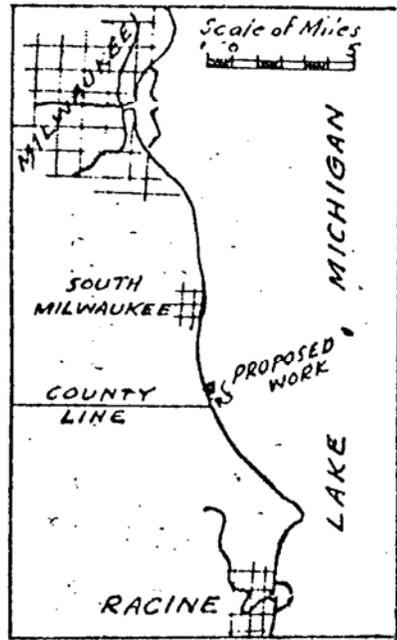
1721 (Civil)

This form supersedes ED Form 06, dated 1 Apr 43, which may be used until exhausted.

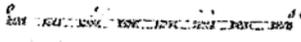
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VICINITY MAP

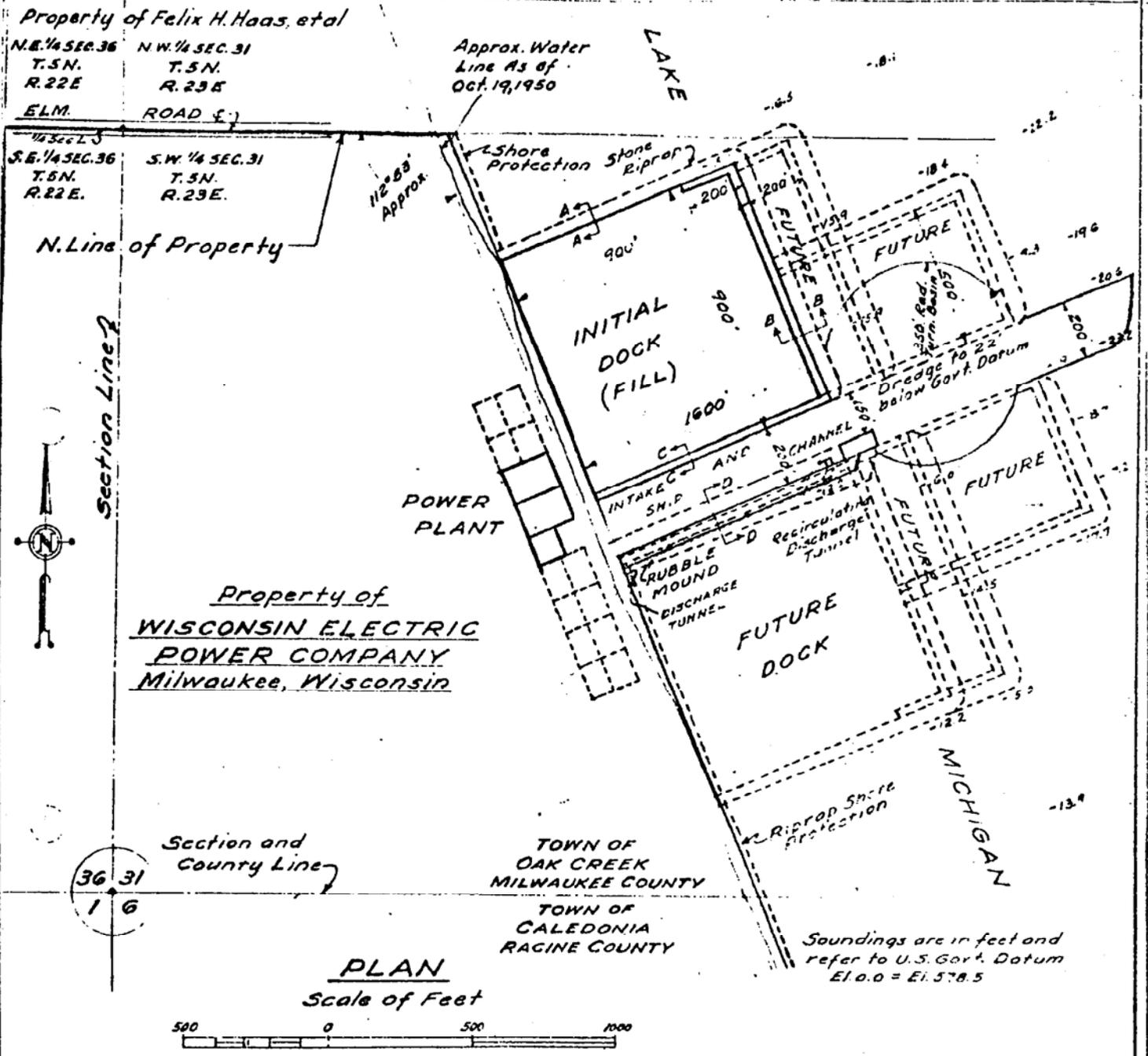


LOCATION MAP



Shown on USLS Chart # 74

Proposed DOCK, PIER AND DREDGING
 FOR POWER PLANT DEVELOPMENT
 In TOWN OF OAK CREEK
 AT SHORE OF LAKE MICHIGAN
 County of MILWAUKEE, State WIS.
 Application by WISCONSIN ELECTRIC POWER CO.
 MILWAUKEE, WIS. Date MAR. 3, 1951.
 FILE No. 5-V-70 In 4 Sheets - Sheet No. 1.



Property of Felix H. Haas, et al

N.E. 1/4 SEC. 36 N.W. 1/4 SEC. 31
 T. 5 N. T. 5 N.
 R. 22 E. R. 23 E.
 E.L.M. ROAD (S)

Approx. Water Line As of Oct. 19, 1950

1/4 Sec. 35 S.E. 1/4 SEC. 36 S.W. 1/4 SEC. 31
 T. 5 N. T. 5 N.
 R. 22 E. R. 23 E.

N. Line of Property

Section Line 7

Property of
WISCONSIN ELECTRIC
POWER COMPANY
 Milwaukee, Wisconsin

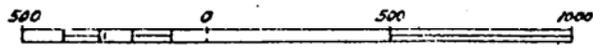
Section and County Line

36 31
 1 6

TOWN OF OAK CREEK MILWAUKEE COUNTY
 TOWN OF CALEDONIA RAGINE COUNTY

PLAN

Scale of Feet

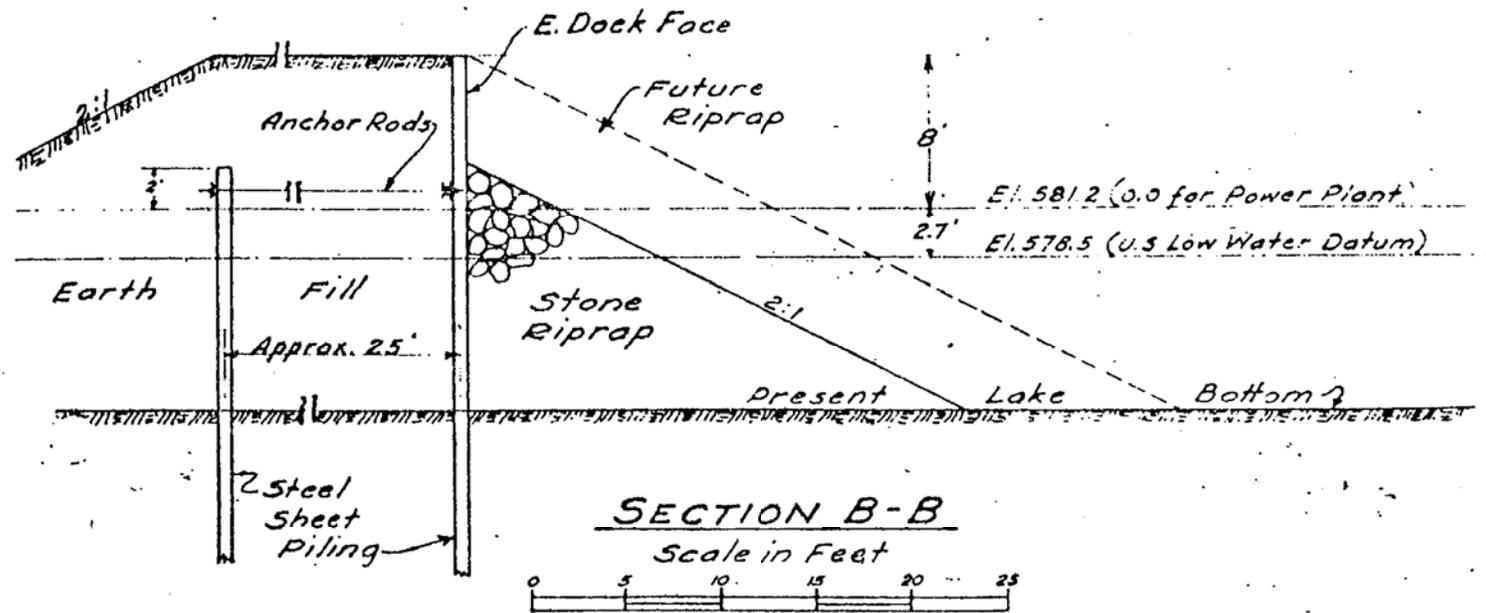
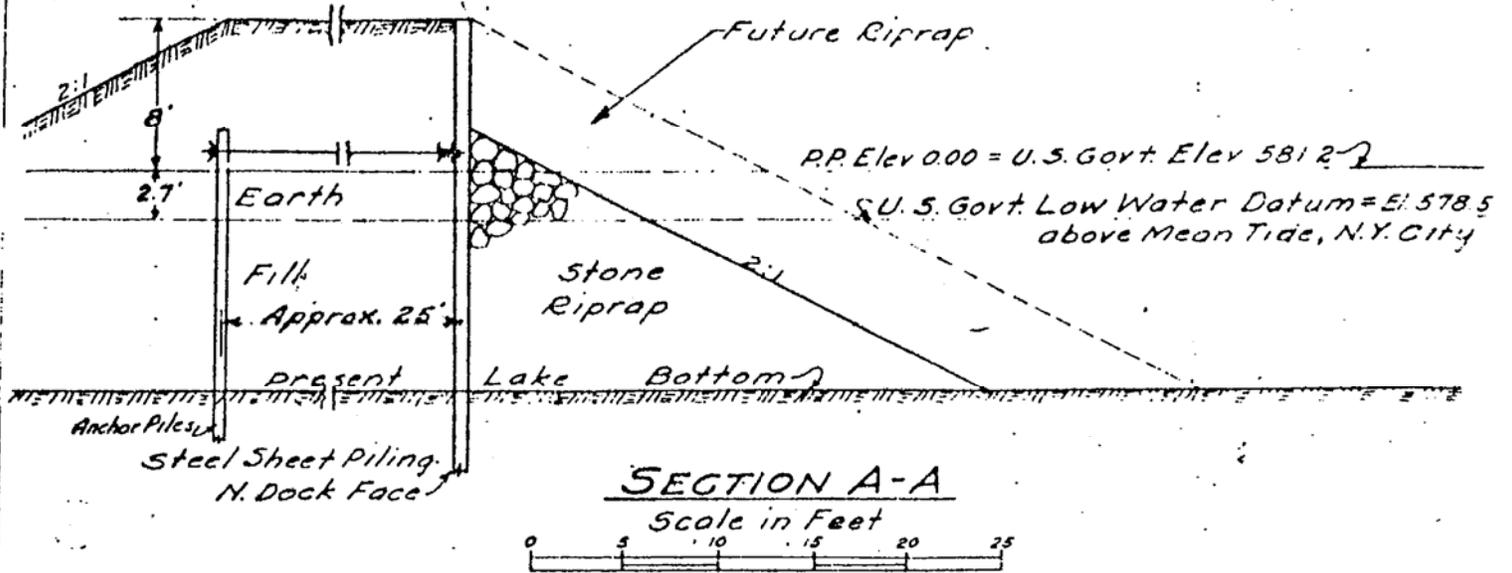


Soundings are in feet and refer to U.S. Gov't. Datum El. 0.0 = El. 578.5

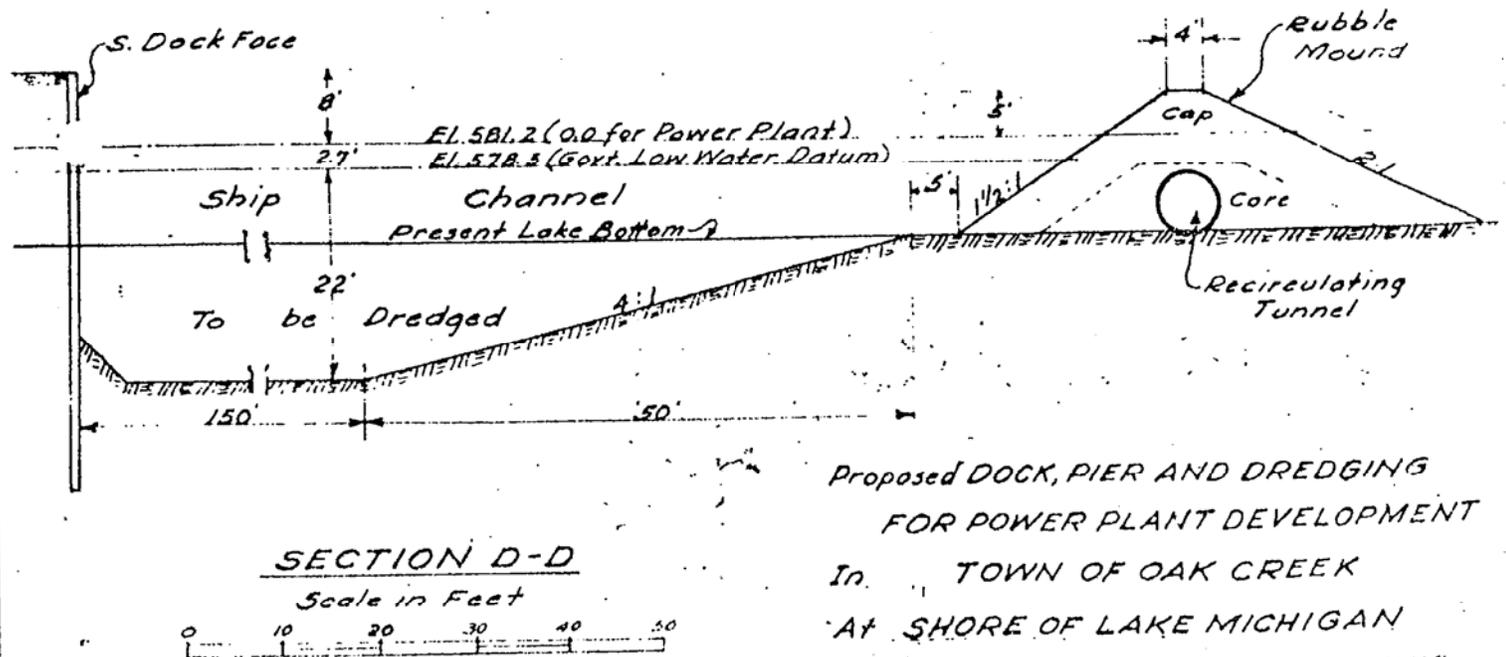
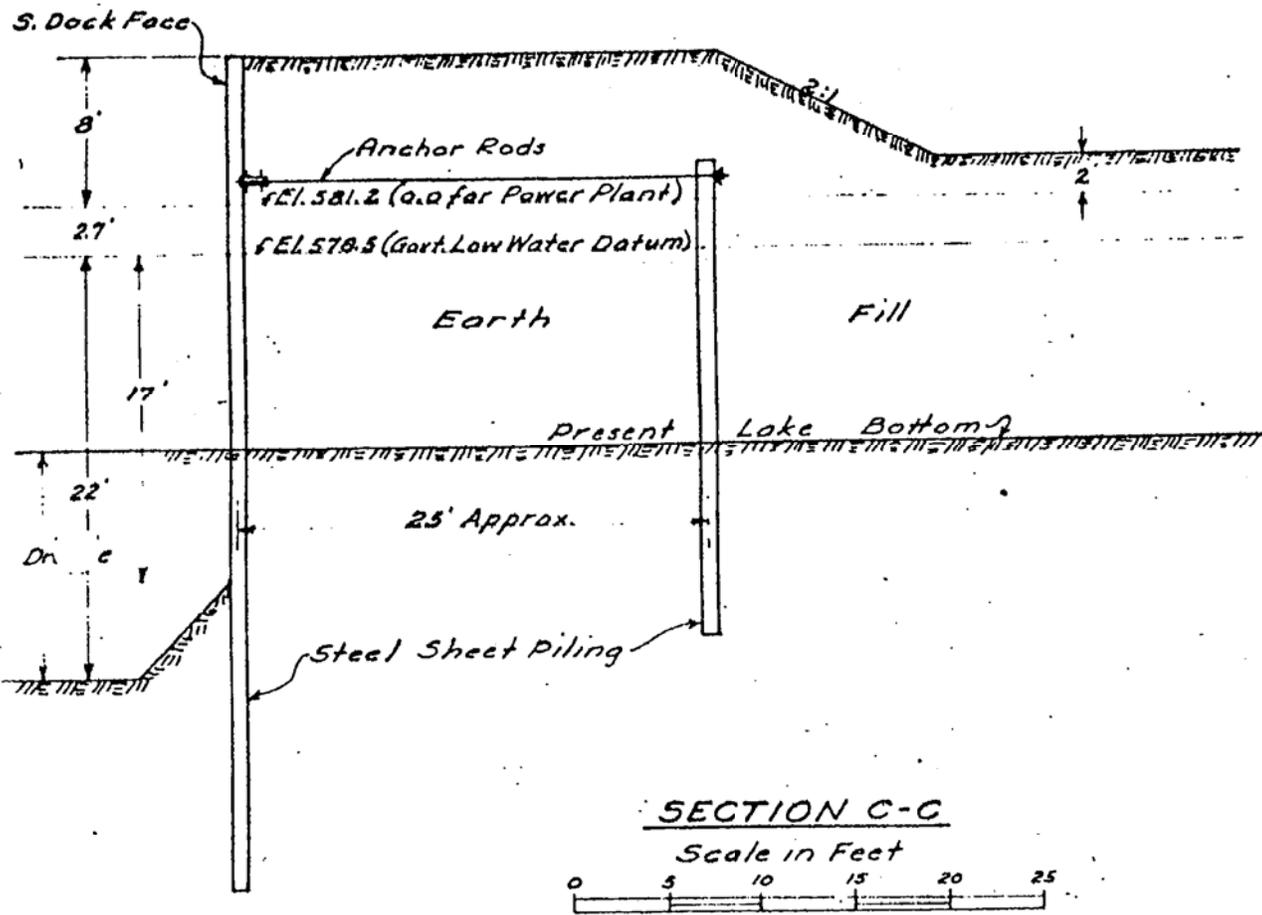
Note:
 All dredged material, in excess of that used for fill, shall be deposited in Lake Michigan in not less than 50 feet of water.

Proposed DOCK, PIER AND DREDGING FOR POWER PLANT DEVELOPMENT
 In TOWN OF OAK CREEK
 AT SHORE OF LAKE MICHIGAN
 County of MILWAUKEE State WIS.
 Application by WISCONSIN ELECTRIC POWER CO
 MILWAUKEE, WIS. Date MAR. 3, 1951

FILE No. 5-V-70 In 4 Sheets - Sheet No. 2



Proposed DOCK, PIER AND DREDGING
FOR POWER PLANT DEVELOPMENT
In TOWN OF OAK CREEK
At SHORE OF LAKE MICHIGAN
County of MILWAUKEE State WIS.
Application by WISCONSIN ELECTRIC POWER CO.
MILWAUKEE, WIS. Date MAR 3, 1951



Proposed DOCK, PIER AND DREDGING
FOR POWER PLANT DEVELOPMENT
In TOWN OF OAK CREEK
AT SHORE OF LAKE MICHIGAN
County of MILWAUKEE State WIS
Application by WISCONSIN ELECTRIC POWER CO.
MILWAUKEE, WIS. Date MAR. 3, 1951

WARRANTY DEED

VOL 511 PAGE 376

THIS INDENTURE, made this 27 day of November, 1950, between ETHEL H. BARRETT, party of the first part, and WISCONSIN ELECTRIC POWER COMPANY, a Corporation duly organized and existing under and by virtue of the laws of the State of Wisconsin, located at Milwaukee, Wisconsin, party of the second part.

WITNESSETH, That the said party of the first part, for and in consideration of the sum of One (\$1.00) Dollar and other good and valuable considerations to her in hand paid by the said party of the second part, the receipt whereof is hereby confessed and acknowledged, has given, granted, bargained, sold, remised, released, aliened, conveyed and confirmed, and by these presents does give, grant, bargain, sell, remise, release, alien, convey and confirm unto the said party of the second part, its successors and assigns forever, the following described real estate, situated in the Counties of Milwaukee and Racine, and State of Wisconsin, to-wit:

PARCEL I

The Southwest Fractional one-quarter (SW Fr. 1/4) of Section numbered Thirty-one (31), Township numbered Five (5) North, Range numbered Twenty-three (23) East, in the Town of Oak Creek, Milwaukee County, Wisconsin, containing 97.57 acres, more or less;

Handwritten notes:
1/2 - 11-11

PARCEL II

ALSO all that part of the Southeast one-quarter (SE 1/4) of Section numbered Thirty-six (36), Township numbered Five (5) North, Range numbered Twenty-two (22) East, Town of Oak Creek, Milwaukee County, Wisconsin, lying easterly of the right of way of Wisconsin Electric Power Company;

Handwritten notes:
1/2 - 11-11
1/2 - 11-11

ALSO all that part of the Southeast one-quarter (SE 1/4) of said Section Thirty-six (36) lying west of the railway right of way of the Chicago and North Western Railway Company, EXCEPTING THEREFROM the following described parcel of land lying on the west side of the right of way of the Chicago and North Western Railway Company, consisting of eighty (80) rods of land in the form of a rhomboid, described as follows: Commencing at a point seventeen (17) feet south of the dwelling house on said tract formerly occupied by Andrew McAndrew; thence west eight (8) rods twelve (12) feet; thence north eight (8) rods twelve (12) feet; thence east eight (8) rods twelve

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1/2 - 11-11
1/2 - 11-11

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feet; thence southerly eight (8) rods twelve (12) feet along the westerly line of said right of way to the place of beginning; ALSO EXCEPTING THEREFROM the right of way of Green Bay, Milwaukee and Chicago Railroad Company now occupied by the Chicago and North Western Railway Company;

The lands herein described located in said Southeast one-quarter (SE $\frac{1}{4}$) of Section Thirty-six (36), contain 142.62 acres, more or less;

PARCEL III

ALSO all that part of the Southwest one-quarter (SW $\frac{1}{4}$) of Section numbered Thirty-six (36), Township numbered Five (5) North, Range numbered Twenty-two (22) East, Town of Oak Creek, Milwaukee County, Wisconsin, described as follows, to-wit: Commencing at a stone monument at the southeast corner of said Southwest one-quarter (SW $\frac{1}{4}$) of Section Thirty-six (36); running thence west along the south line of said Section, two thousand one hundred twenty (2120) feet to the center of State Trunk Highway No. 42 (also known as the Milwaukee Road); thence north-westerly along said road center line five hundred fifty (550) feet to a point which is four hundred forty-seven (447) feet due north from the south line of said Section Thirty-six (36); thence east and parallel with the south line of said Section Thirty-six (36), two thousand four hundred thirty-one (2431) feet to the north and south one-quarter section line of said Section Thirty-six (36); thence south along said one-quarter section line four hundred forty-seven (447) feet to the place of beginning, containing 23.436 acres;

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PARCEL IV

ALSO all that part of the Northwest one-quarter (NW $\frac{1}{4}$) of Section numbered One (1), Township numbered Four (4) North, Range numbered Twenty-two (22) East, Town of Caledonia, Racine County, Wisconsin, described as follows, to-wit: Commencing at a stone monument at the northeast corner of said Northwest one-quarter (NW $\frac{1}{4}$) of Section One (1); running thence North eighty-nine degrees fourteen minutes West (N. 89° 14' W.) along the north line of said Section, two thousand one hundred twenty (2120) feet to the center line of State Trunk Highway No. 42 (also known as the Milwaukee Road); thence South forty-four degrees thirty minutes East (S. 44° 30' E.) along said road center line five hundred thirty-eight (538) feet to a point; thence South eighty-nine degrees fourteen minutes East (S. 89° 14' E.) parallel with the north line of said Section One (1), one thousand seven hundred thirty-nine and thirty-six hundredths (1739.36) feet to the north and south quarter section line; thence north along said quarter section line three hundred eighty-three and seventy-one hundredths (383.71) feet to the place of beginning, containing 17 acres;

*Don't call it NW
(7-14-33)
S/Ch*

PARCEL V VOL 511 PAGE 378

ALSO all that part of the North Fractional one-half (N. Fr. $\frac{1}{2}$) of Section numbered Six (6), Township numbered Four (4), North, Range numbered Twenty-three (23) East, Town of Caledonia, Racine County, Wisconsin, described as follows, to-wit: Commencing at the northwest corner of said Section Six (6); thence south on the west line of said Section Six (6), one thousand five hundred twenty-two and fifty-seven hundredths (1522.57) feet to a point on the north line of the south eighty (80) acres of the North Fractional one-half (N. Fr. $\frac{1}{2}$) of said Section Six (6); thence east on the north line of said south eighty (80) acres two thousand nine hundred (2900) feet to the water's edge of Lake Michigan; thence northwesterly along the water's edge one thousand seven hundred ten (1710) feet to a point on the north line of said Section Six (6); thence west on the north line of said Section Six (6), two thousand one hundred fifty-two (2152) feet to the place of beginning, containing 87.02 acres of land;

including all riparian rights of the party of the first part appurtenant to all of the above described lands in respect of the adjoining waters of Lake Michigan.



TOGETHER with all and singular the hereditaments and appurtenances thereunto belonging or in any wise appertaining; and all the estate, right, title, interest, claim or demand whatsoever, of the said party of the first part, either in law or equity, either in possession or expectancy of, in and to the above bargained premises, and their hereditaments and appurtenances.

TO HAVE AND TO HOLD the said premises as above described with the hereditaments and appurtenances, unto the said party of the second part, and to its successors and assigns FOREVER.

And the said ETHEL H. BARRETT for herself and her heirs, executors and administrators, does covenant, grant, bargain and agree to and with the said party of the second part, its successors and

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assigns, that at the time of the ensembling and delivery of these presents she was well seized of the premises above described, as of a good, sure, perfect, absolute and indefeasible estate of inheritance in the law, in fee simple, and that the same are free and clear from all incumbrances whatever, and that the above bargained premises in the quiet and peaceful possession of the said party of the second part, its successors and assigns, against all and every person or persons lawfully claiming the whole or any part thereof, she will forever WARRANT AND DEFEND.

IN WITNESS WHEREOF, the said party of the first part has hereunto set her hand and seal this 27 day of November, 1950.

Signed and Sealed in Presence of

Barbara B. Howe
Barbara B. Howe
Carolyn B. Brosius
Carolyn B. Brosius

Ethel H. Barrett (SEAL)
Ethel H. Barrett

STATE OF ILLINOIS }
COOK COUNTY } SS.

Personally came before me, this 27 day of November, 1950, the above named ETHEL H. BARRETT to me known to be the person who executed the foregoing instrument and acknowledged the same.

D. Treasurer
D. Treasurer
Notary Public, Cook County, Illinois
My Commission Expires Aug 18, 1952



RECEIVED
DEC 29 1950

SECRETARY AND TREASURER

December 28, 1950

9306A
800-1
(Large)

Mr. John Dockendorf:

OAK CREEK POWER PLANT SITE

Herewith are transmitted to you for W.E.P.Co.'s permanent file, the following important papers relating to the purchase from Ethel H. Barrett and Arthur M. Barrett, her husband, certain lands in the Town of Oak Creek, Milwaukee County, and Town of Caledonia, Racine County, for use as a power plant site:

1. Original recorded warranty deed of 1 22541
Ethel H. Barrett to W.E.P.Co.
2. Original recorded quit-claim deed of 1 22542
Arthur M. Barrett to W.E.P.Co.
3. Unrecorded affidavit of Ethel H. Barrett
made for the purpose of showing adverse
possession of the premises.
4. Certified copy of burial or removal permit
of Abel Davis obtained from the County
Clerk of Cook County at Chicago. This
pertains to Mr. Prosser's instructions
as set forth in his letter of November 22,
1950, in the file.
5. Four abstracts of title continued to date
showing title in W.E.P.Co.
6. Five letters of opinion of Mr. Fred Prosser
together with supplemental opinion dated
November 22, 1950.
7. Letter of Mr. John O'Brien, Attorney, relating
to the objections to title raised by Mr.
Prosser.

On October 3, 1950, I sent you the original buy and sell agreement between the Barretts and W.E.P.Co. in connection with the purchase of the above tract of land. At that time the purchase was under cover and you kept the agreement in your personal file. I believe it now advisable to remove it from your personal file and add it to this file.

Frank Row

EDM/F

122541

Handwritten:
10/3/50
A. J. M. L.
Confidential

October 3, 1950

Mr. John Dockendorf: ✓

PURCHASE OF LAND AT COUNTY LINE FROM ETHEL H. BARRETT

I wish to transmit to you for safe keeping the attached original buy and sell agreement between Ethel H. Barrett, Seller, and W.E.P.Co., Buyer, covering certain lands located at Milwaukee and Racine County Line and Lake Michigan.

I have retained copies of this contract and will follow through the completion of the purchase of the property according to the terms thereof. Mr. Seybold thought it advisable to have the original document filed with you.

Handwritten signature:
A. J. M. L.

EDM/F

FD 204 9/30/60
Encl
(Lge)
2991094

1st A Rec
2991094
2545
100-2720

11/27/58

ETHEL H. BARRETT

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TO

WISCONSIN ELECTRIC POWER
COMPANY

122541

567988

WARRANTY DEED

REGISTRARS OFFICE
1200 Wisconsin Ave. N.W.
Washington, D.C.
Recorded in J. T. 1950, p. 35
Original recorded in vol 28, p. 376
1954 to 598
Chas. A. Mitchell
REGISTRARS OFFICE

Return to:
E. D. Mishelov
Room 308, Public Services Bldg.
Milwaukee 1, Wisconsin
Box 129

Recorded on _____ day of
December, 1958 at 11:26
a.m. in Book 376
Deeds, p. 380
Louis A. Peterson
By: James R. Clifford

55

CERTIFICATE AS TO RECEIPT OF RECORDS

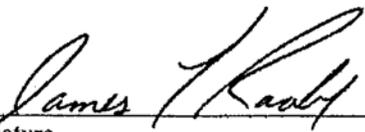
Title of Record _____
This is to certify that _____
negative and _____
records of _____
negative _____
occurrence _____
she has examined _____
_____ of the

[Handwritten signature]

**GIS Registry Information
Legal Description Statement**

Oak Creek Power Plant – Coal Dock/Tractor Shed Area
11060 South Chicago Road
Oak Creek, Wisconsin
WDNR BRRTS #: 02-41-548777
WDNR FID#: 341140580

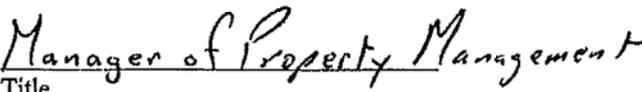
The Coal Dock/Tractor Shed Area is located on the Oak Creek Power Plant coal dock, which is undeeded land. Therefore, a legal description inclusive of residual soil impacts in the Coal Dock/Tractor Shed Area is not available. Alternatively, a copy of a March 1951 permit from the U.S. Army Corps of Engineers to construct the coal dock is included. The area inclusive of residual soil impacts in the Coal Dock/Tractor Shed Area is highlighted on the second drawing (Sheet No. 2) attached to the permit. For reference, the legal description for the portion of the Oak Creek Power Plant adjacent to the coal dock is included in the attached Warranty Deed dated November 1950.



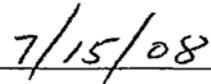
Signature



Name



Title



Date



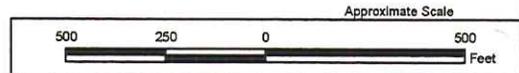
Source: USGS, 14 Apr 2000, TerraServer_usa.com

Overall OCPP Layout Map

Coal Dock/Tractor Shed Area
Oak Creek Power Plant
Oak Creek, Wisconsin

Geosyntec
consultants

Figure

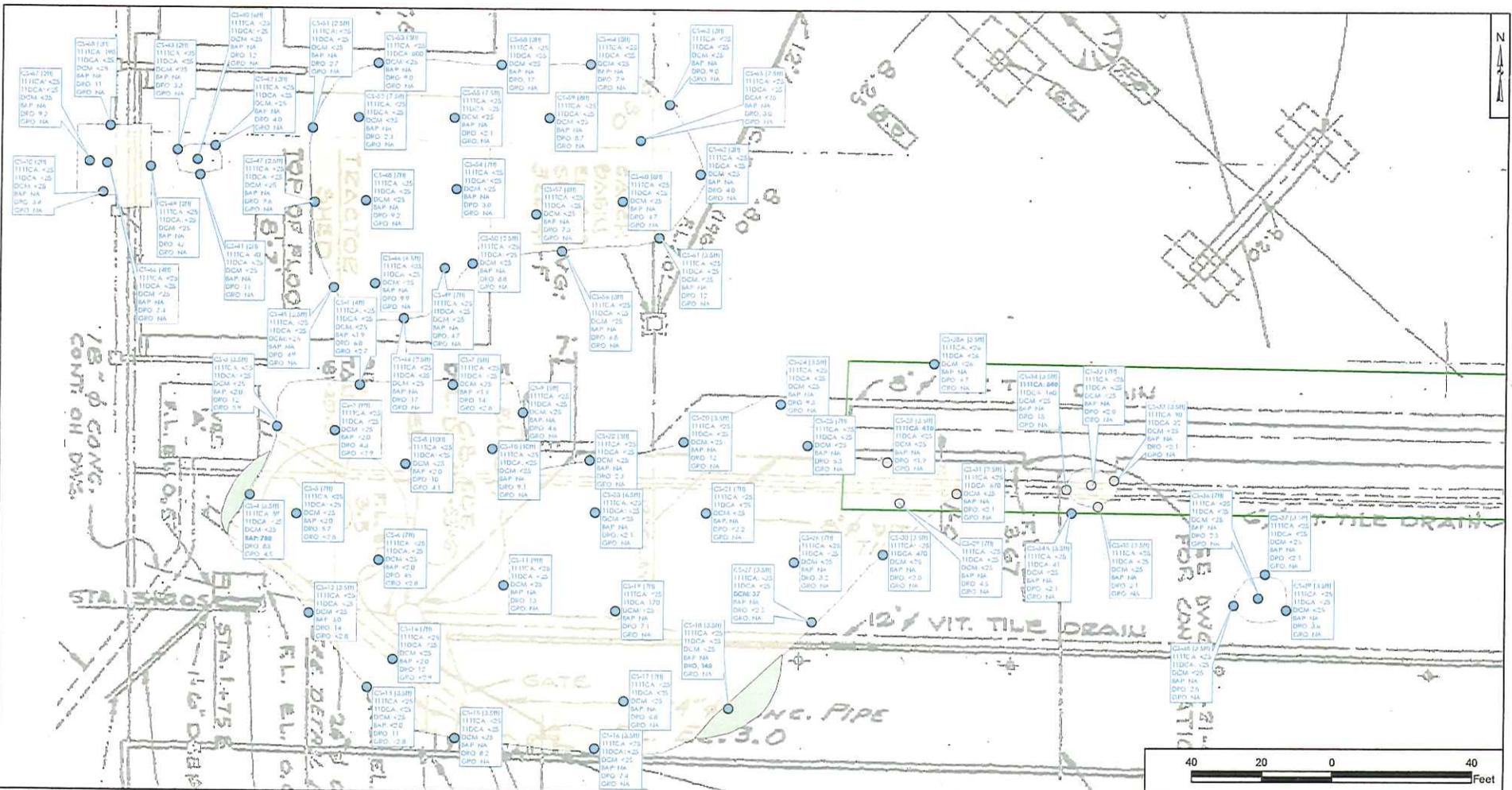


Cedarburg

21-Mar-2008

2

\\GIS\workspace\OCP\OCP7\Mapad\layout.mxd



Notes:
 111TCA - 1,1,1-Trichloroethane, µg/kg
 11DCA - 1,1-Dichloroethane, µg/kg
 DCM - Dichloromethane (Methylene Chloride), µg/kg
 BAP - Benzo(a)pyrene, µg/kg
 DRO - Diesel Range Organics, mg/kg
 GRO - Gasoline Range Organics, mg/kg
 mg/kg - milligrams per kilogram
 µg/kg - micrograms per kilogram
 <- analyte not detected; associated value is reporting limit
 NA - not analyzed
 Bold concentrations exceed NR 720 or WDNR interim guidance generic residual contaminant level (RCL) (Industrial direct contact or groundwater protection), calculated RCLs,
 EPA preliminary remediation goals (PRGs) (Industrial, or EPA soil screening levels (SSLs))

Sample ID (sample depth)
 Analytes and concentrations

- Confirmation Soil Sample Location
- Confirmation Soil Sample Location (removed during subsequent excavation phase)

- Approximate Extent of Excavation
- Estimated extent of residual soils impacted with contaminant concentrations > NR 720 RCLs, WDNR interim guidance RCLs or EPA SSLs
- Approximate Extent of Soil Removal During Reclaim Tunnel Removal

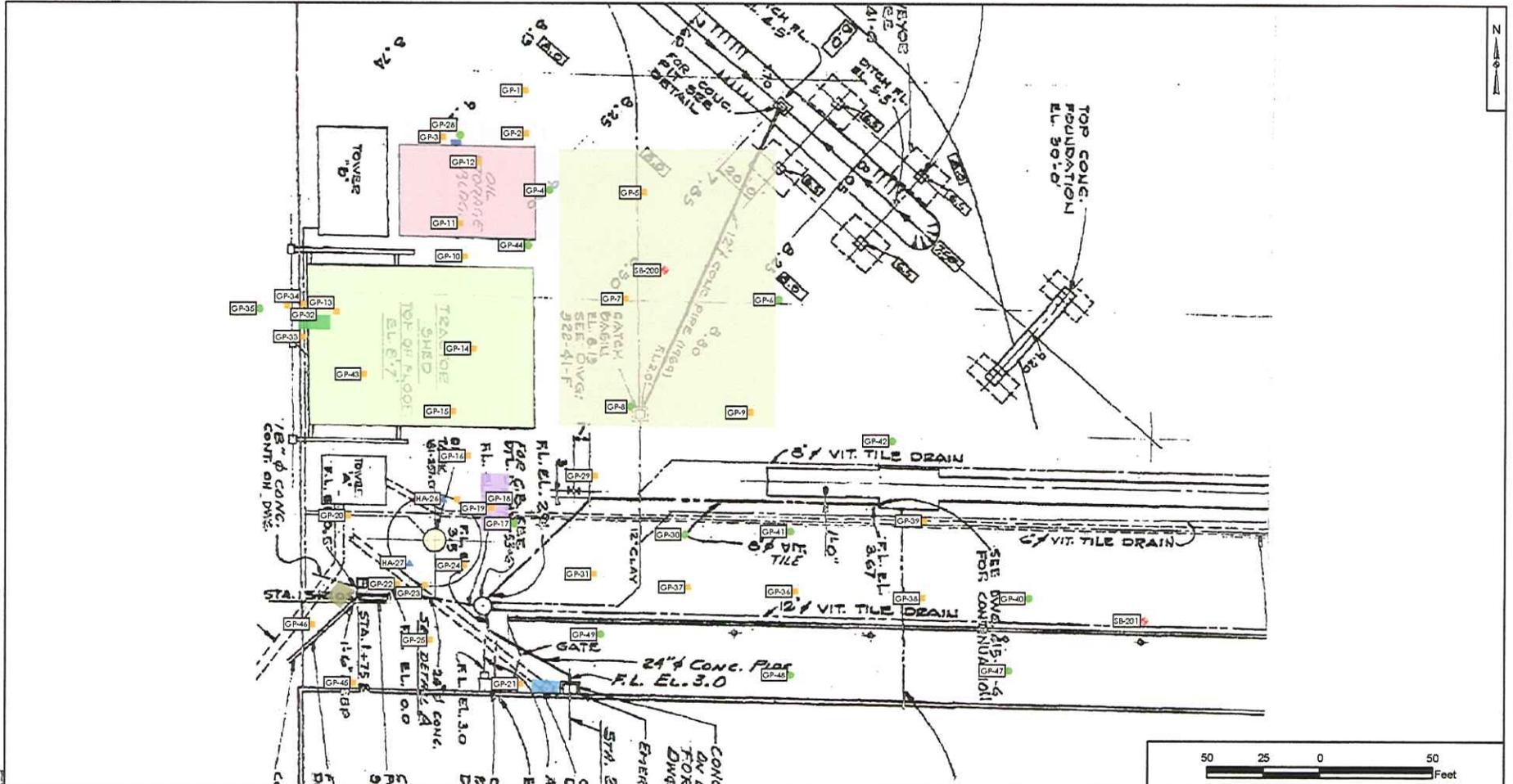
40 20 0 40
 Feet

Summary of Confirmation Soil Sample Analytical Results
 Coal Dock/Tractor Shed Area
 Oak Creek Power Plant
 Oak Creek, Wisconsin

Geosyntec
 consultants

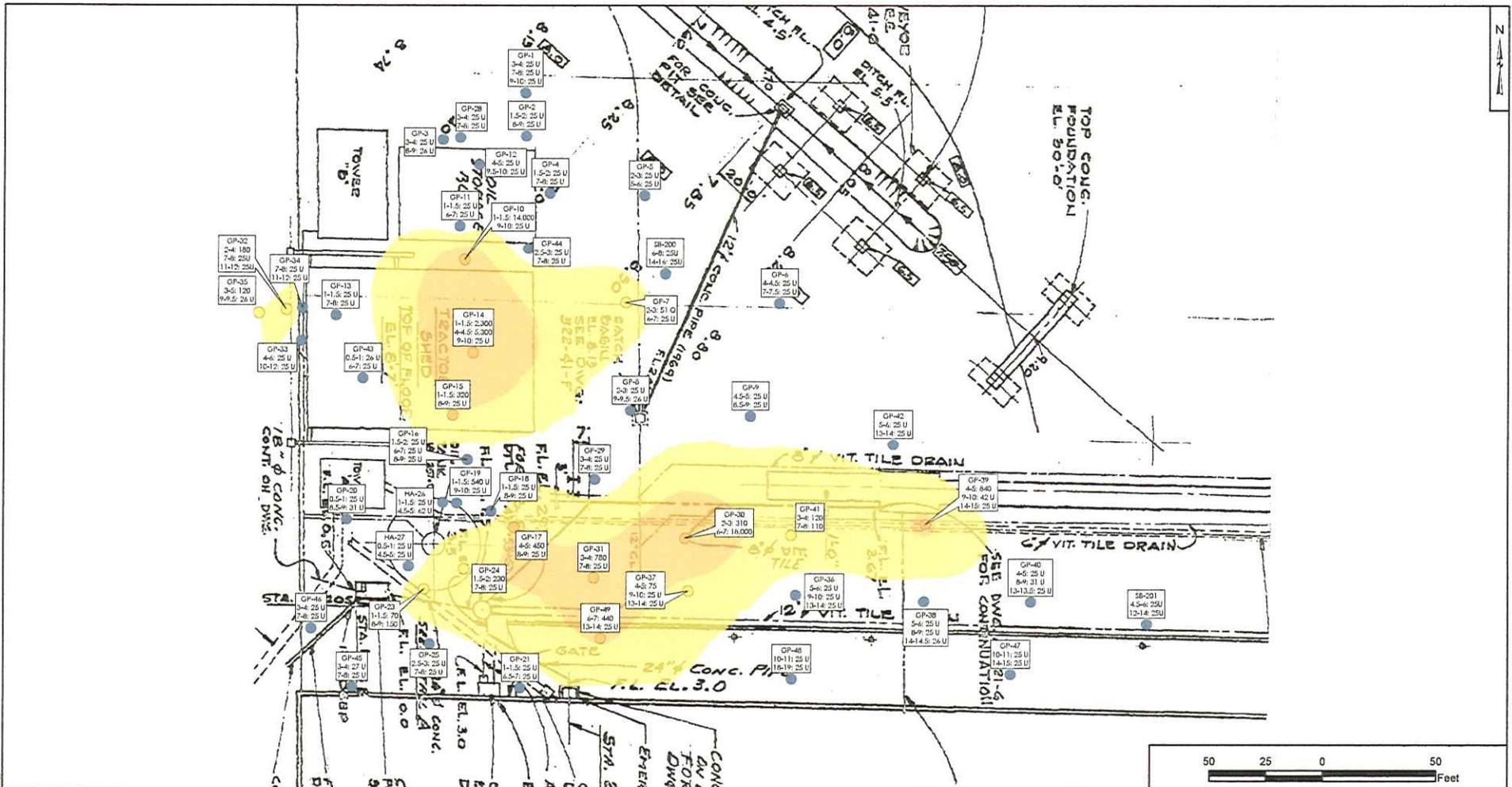
Cedarburg 24-Mar-2008

Figure
5



- | | | |
|--|---|---------------------------------------|
| Approximate Former Hazardous Waste Storage Area | Oil Storage Building | Soil Probe Location |
| Diesel Aboveground Storage Tank | Approximate Reported Potential Oil/Solvent Spill Area | Hand Auger Boring Location |
| Approximate Exterior Drum Storage Area | Tractor Shed (Equipment Maintenance) | Soil Probe/Temporary Well Location |
| Approximate Former Fuel Receiving Area | Approximate Oil Underground Storage Tank Area | Approximate 2004 Soil Boring Location |
| Approximate Gasoline Underground Storage Tank Area | Underground Floor Drain Collection Vault Area | |

Coal Dock/Tractor Shed Area Layout Map Coal Dock/Tractor Shed Area Oak Creek Power Plant Oak Creek, Wisconsin	
Cedarburg	8-Mar-2007
Figure 3	



Concentration Range

- Non-Detect (<Limit of Detection)
- <EPA Migration to Groundwater Soil Screening Level (284 µg/kg)
- >EPA Migration to Groundwater Soil Screening Level (284 µg/kg)

Notes:
 Non-detects were assigned a value of 1 µg/kg for interpolation.
 U - Concentration is below reporting limit.
 Q - Concentration is estimated.

Depth Range (feet) → 4-5: 25 U ← Soil Probe Name
 → 4-5: 25 U ← Concentration (µg/kg)



**Estimated 1,1,1-Trichloroethane
 Soil Concentration Distribution**

Coal Dock/Tractor Shed Area
 Oak Creek Power Plant
 Oak Creek, Wisconsin

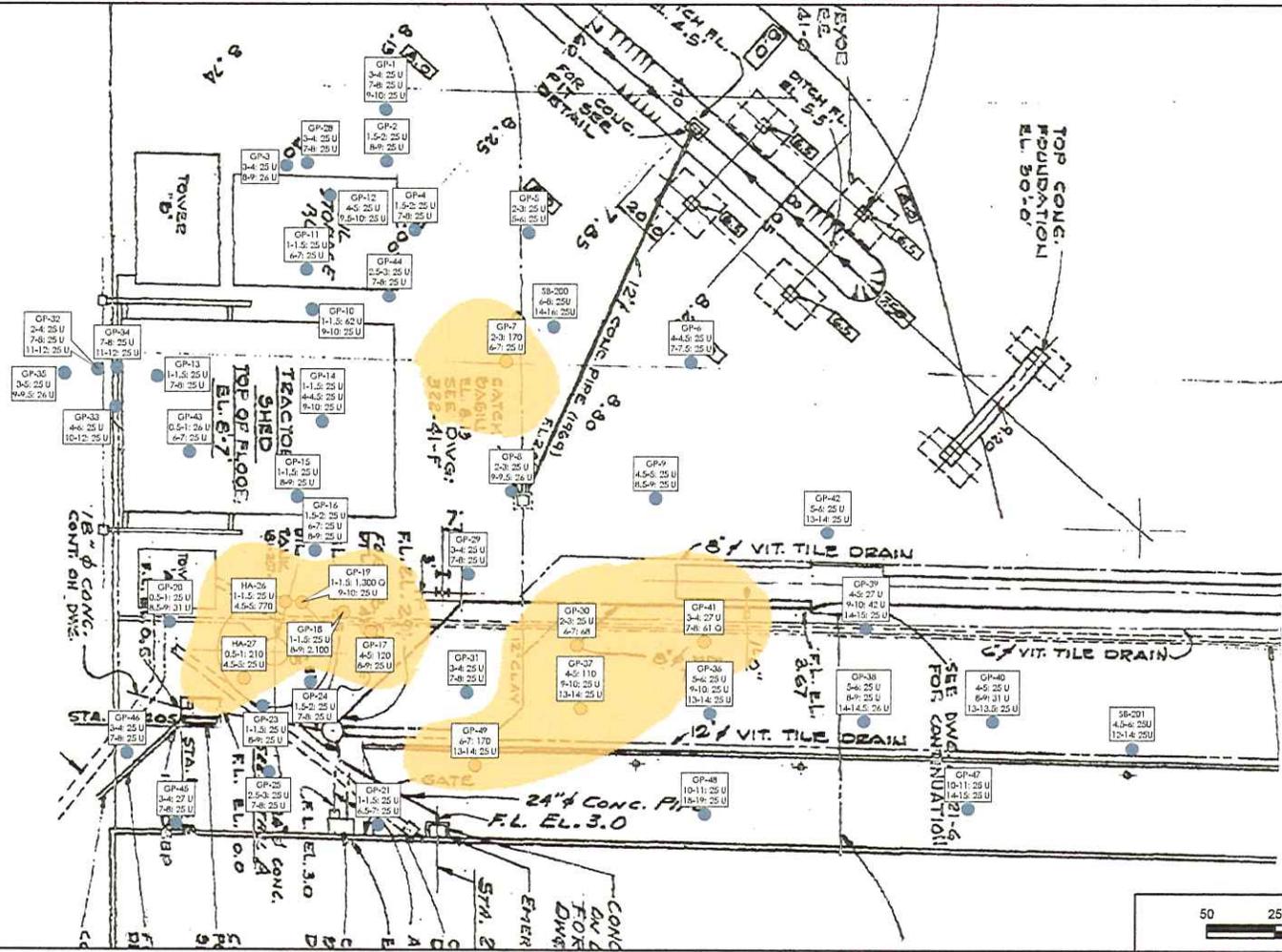
Geosyntec
 consultants

Figure

5

Cedarburg

8-Mar-2007



Concentration Range

- Non-Detect (<Limit of Detection)
- >NR 720 Generic Protection of Groundwater Residual Contaminant Level (RCL) (5.5 µg/kg)

Notes:

Non-detects were assigned a value of 1 µg/kg for interpolation.
 U - Concentration is below reporting limit.
 Q - Concentration is estimated.

Depth Range (feet) GP-33 Soil Probe Name
 → 4-5: 25 U ← Concentration (µg/kg)



**Estimated Benzene
 Soil Concentration Distribution**
 Coal Dock/Tractor Shed Area
 Oak Creek Power Plant
 Oak Creek, Wisconsin

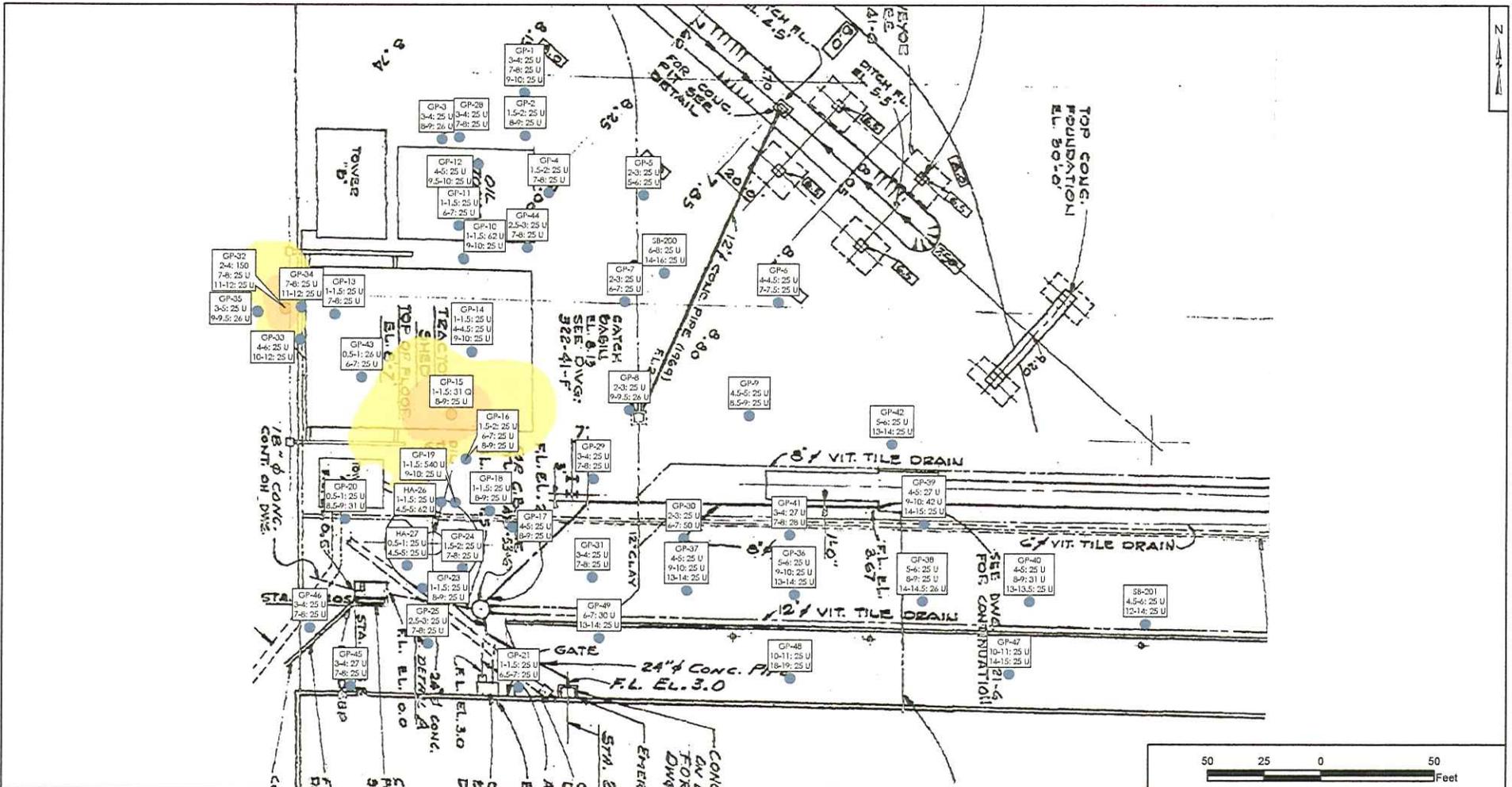
Geosyntec
 consultants

Figure

6

Cedarburg

15-Mar-2007



Concentration Range

- Non-Detect (< Limit of Detection)
- < EPA Migration to Groundwater Soil Screening Level (4.1 µg/kg)
- > EPA Migration to Groundwater Soil Screening Level (4.1 µg/kg)

Notes:

Non-detects were assigned a value of 1 µg/kg for interpolation.
 U - Concentration is below reporting limit.
 Q - Concentration is estimated.

Depth Range (feet) → GP-33 ← Soil Probe Name
 ← 4-5: 25 U ← Concentration (µg/kg)

Estimated Tetrachloroethene Soil Concentration Distribution

Coal Dock/Tractor Shed Area
 Oak Creek Power Plant
 Oak Creek, Wisconsin

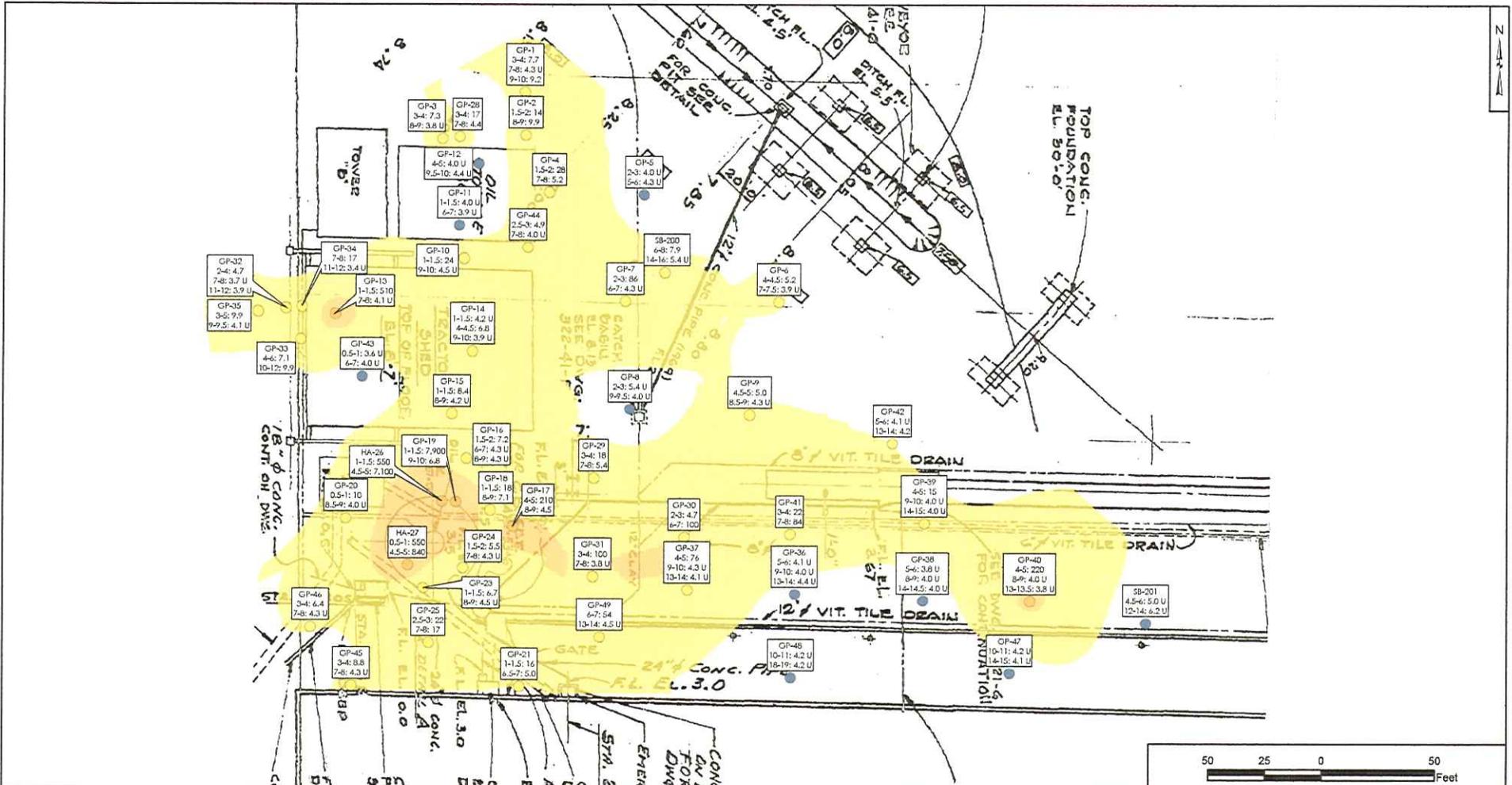
Geosyntec[®]
 consultants

Figure

7

Cedarburg

8-Mar-2007

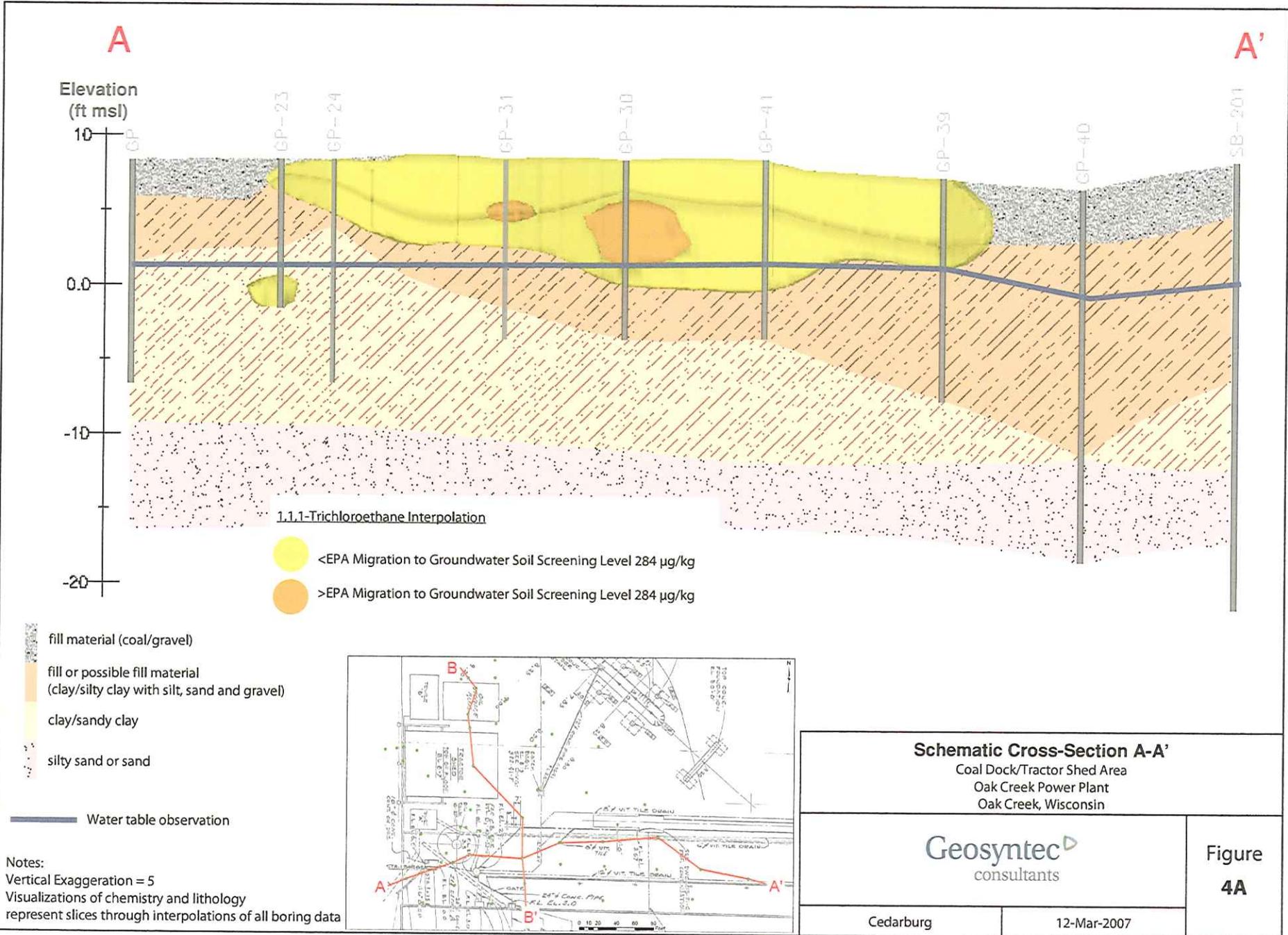


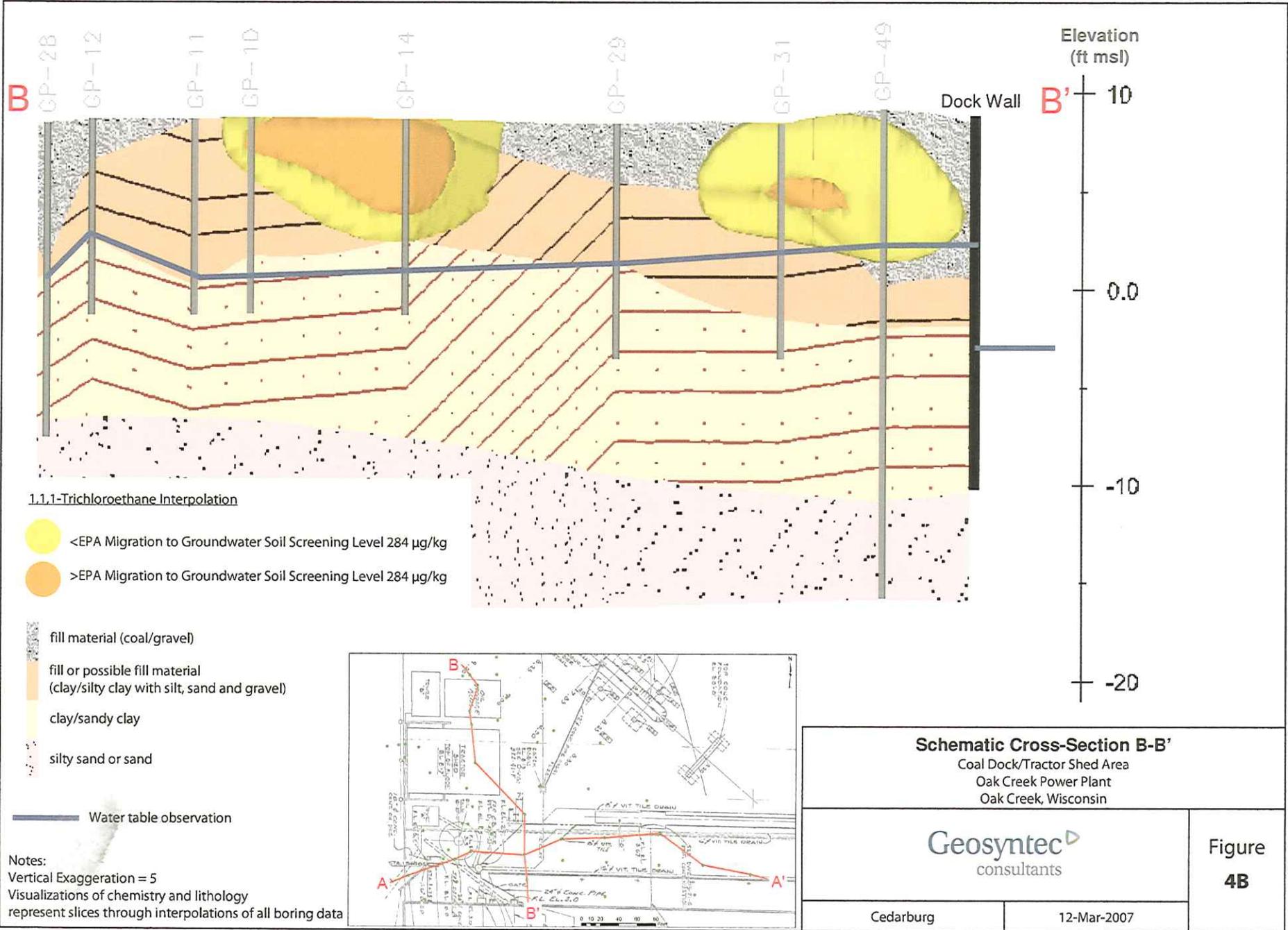
- Concentration Range**
- Non-Detect (<Limit of Detection)
 - < NR 720 Residual Contaminant Level (100 mg/kg)
 - > NR 720 Residual Contaminant Level (100 mg/kg)

Notes:
 Non-detects were assigned a value of 1 µg/kg for interpolation.
 U - Concentration is below reporting limit.
 Q - Concentration is estimated.

Depth Range (feet) GP-33 Soil Probe Name
 → 4-5: 25 U ← Concentration (µg/kg)

Estimated Diesel Range Organics Soil Concentration Distribution Coal Dock/Tractor Shed Area Oak Creek Power Plant Oak Creek, Wisconsin	
Cedarburg	8-Mar-2007
Figure 8	





P:\GIS\WFE\energies\OCCPP\EVS\OCCPP_XSections\ppt\JBK

TABLE 1
SUMMARY OF CONFIRMATION SOIL SAMPLE ANALYTICAL RESULTS
COAL DOCK/TRACTOR SHED AREA

OAK CREEK POWER PLANT
11060 South Chicago Road
Oak Creek, Wisconsin
Geosyntec Project No. CHE8094CQ1

PARAMETERS	SAMPLE IDENTIFICATION															Direct Contact (industrial)	RCL		PRG	SSL
	CS-1	CS-2	CS-3	CS-4	CS-5	CS-6	CS-7	CS-8	CS-9	CS-10	CS-11	CS-12	CS-13	CS-14	CS-15		Groundwater Protection	Calculated* (groundwater protection)		
Depth	4	9	3.5	3.5	7	7	5	10	5	10	9	3.5	3.5	7	3.5					
Date	10/29/07	10/29/07	10/29/07	10/29/07	10/29/07	10/30/07	10/30/07	10/30/07	10/30/07	10/30/07	10/30/07	10/31/07	10/31/07	10/31/07	10/31/07					
DRO (mg/kg)	6.8	4.3	12	83	5.7	45	14	10	4.6	9.1	13	14	11	12	8.2					
GRO (mg/kg)	< 2.7	< 2.9	5.9	4.5	< 2.8	< 2.8	< 2.8	4.1	---	---	---	< 2.8	< 2.8	< 2.9	---	100/250	---	---	---	---
Detected VOCs (ug/kg)																				
1,1,1-Trichloroethane	< 25	< 25	< 25	59 Q	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	---	---	284	1.2E+06	---
1,1-Dichloroethane	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	---	---	---	1.7E+06	1,000
1,2,4-Trimethylbenzene	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	---	---	---	170,000	---
Chloroethane	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	---	---	---	6,500	---
Ethylbenzene	< 25	< 25	110	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	---	2,900	---	400,000	700
Methylene Chloride	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	---	---	---	21,000	1.0
Naphthalene	< 25	< 25	< 25	29 Q	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	110,000	400	---	190,000	400
Toluene	< 25	< 25	34 Q	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	---	1,500	---	520,000	600
Xylenes	< 75	< 75	184 Q	< 75	< 75	< 75	< 75	< 75	< 75	< 75	< 75	< 75	< 75	< 75	< 75	---	4,100	---	420,000	10,000
PAHs (ug/kg)																				
Acenaphthene	< 1.7	< 1.8	2.5 Q	< 7.1	< 1.8	< 1.7	35	< 1.8	---	---	---	< 1.7	< 1.8	< 1.8	---	60,000,000	38,000	---	---	---
Acenaphthylene	< 1.9	< 2.0	< 1.9	< 7.8	< 1.9	< 1.9	6.4	< 2.0	---	---	---	< 1.9	< 1.9	< 2.0	---	360,000	700	---	---	---
Anthracene	< 2.0	< 2.2	< 2.1	55	< 2.1	< 2.1	19	< 2.1	---	---	---	2.7 Q	< 2.1	< 2.2	---	300,000,000	3,000,000	---	---	---
Benzo(a)anthracene	< 2.0	< 2.1	< 2.1	1,000	< 2.1	< 2.1	< 2.0	< 2.1	---	---	---	< 2.0	< 2.1	< 2.1	---	3,900	17,000	---	---	---
Benzo(a)pyrene	< 1.9	< 2.0	< 2.0	780	< 2.0	< 2.0	< 1.9	< 2.0	---	---	---	3.0 Q	< 2.0	< 2.0	---	390	48,000	---	---	---
Benzo(b)fluoranthene	< 2.0	< 2.1	< 2.0	910	< 2.0	< 2.0	< 2.0	< 2.1	---	---	---	3.7 Q	< 2.0	< 2.1	---	3,900	360,000	---	---	---
Benzo(g,h,i)perylene	< 2.1	< 2.2	< 2.2	320	< 2.2	< 2.1	< 2.1	< 2.2	---	---	---	3.9 Q	3.3 Q	< 2.2	---	39,000	6,800,000	---	---	---
Benzo(k)fluoranthene	< 1.9	< 2.0	< 1.9	580	< 1.9	< 1.9	< 1.9	< 2.0	---	---	---	< 1.9	< 1.9	< 2.0	---	39,000	870,000	---	---	---
Chrysene	3.3 Q	< 2.4	4.2 Q	1,100	2.5 Q	3.6 Q	4.1 Q	< 2.3	---	---	---	10	7.7	5.7 Q	---	390,000	37,000	---	---	---
Dibenz(a,h)anthracene	< 2.1	< 2.2	< 2.2	150	< 2.2	< 2.1	< 2.1	< 2.2	---	---	---	< 2.1	< 2.2	< 2.2	---	390	38,000	---	---	---
Fluoranthene	< 2.0	< 2.2	< 2.1	1600	< 2.1	2.6 Q	3.5 Q	< 2.2	---	---	---	7.7	7.1	< 2.2	---	40,000,000	500,000	---	---	---
Fluorene	< 1.8	< 2.0	3.5 Q	< 7.7	< 1.9	< 1.9	52	< 1.9	---	---	---	< 1.9	< 1.9	< 2.0	---	40,000,000	100,000	---	---	---
Indeno(1,2,3-cd)pyrene	< 2.0	< 2.2	< 2.1	290	< 2.1	< 2.1	< 2.1	< 2.1	---	---	---	< 2.1	< 2.1	< 2.2	---	3,900	680,000	---	---	---
1-Methyl Naphthalene	2.7 Q	2.5 Q	44	18 Q	2.4 Q	5.1	210	4.7 Q	---	---	---	18	2.6 Q	4.1 Q	---	70,000,000	23,000	---	---	---
2-Methyl Naphthalene	3.3 Q	2.1 Q	16	< 6.5	2.9 Q	5.9	230	5.4 Q	---	---	---	33	2.7 Q	5.8	---	40,000,000	20,000	---	---	---
Naphthalene	< 1.3	< 1.4	170	< 5.3	1.6 Q	2.6 Q	28	2.8 Q	---	---	---	16	< 1.3	3.2 Q	---	110,000	400	---	---	---
Phenanthrene	5.7 Q	3.5 Q	9.1	170	3.2 Q	6.4 Q	100	5.1 Q	---	---	---	10	10	7.3	---	390,000	1,800	---	---	---
Pyrene	< 2.1	< 2.3	< 2.2	1,300	< 2.2	2.7 Q	8.7	< 2.2	---	---	---	6.6 Q	5.9 Q	2.3 Q	---	30,000,000	8,700,000	---	---	---

Notes:
bold concentrations exceed RCL (industrial direct contact, groundwater protection or calculated), PRG (industrial) or SSL
shaded data indicates soil represented by sample was removed during subsequent excavation phase
* - RCL calculated pursuant to WDNR guidance Determining Residual Contaminant Levels Using the EPA Screening Level Web Site (PUB-RR-682)
--- - not analyzed, not established or not applicable
DAF - dilution attenuation factor
DRO - diesel range organics
GRO - gasoline range organics
mg/kg - milligrams per kilogram
PAHs - polynuclear aromatic hydrocarbons
PRG - EPA preliminary remediation goal
Q - detected between limit of detection and limit of quantitation
RCL - NR 720 or WDNR interim guidance generic residual contaminant level
SSL - EPA soil screening level
ug/kg - micrograms per kilogram
VOCs - volatile organic compounds

TABLE 1 (Continued)

SUMMARY OF CONFIRMATION SOIL SAMPLE ANALYTICAL RESULTS

COAL DOCK/TRACTOR SHED AREA

OAK CREEK POWER PLANT
11060 South Chicago Road
Oak Creek, Wisconsin
Geosyntec Project No. CHE8094CQ1

PARAMETERS	SAMPLE IDENTIFICATION														Direct Contact (Industrial)	RCL Groundwater Protection	Calculated* (groundwater protection)	PRG Direct Contact (Industrial)	SSL Groundwater Protection (DAF 1)
	CS-16	CS-17	CS-18	CS-19	CS-20	CS-21	CS-22	CS-23	CS-24	CS-25	CS-26	CS-27	CS-28	CS-29					
Depth	3.5	7	3.5	7	3.5	7	3	6.5	3.5	7	7	3.5	3.5	7	3.5				
Date	11/1/07	11/1/07	11/1/07	11/1/07	11/1/07	11/1/07	11/2/07	11/2/07	11/2/07	11/2/07	11/5/07	11/5/07	11/5/07	11/5/07	11/5/07				
DRO (mg/kg)	7.4	6.8	140	7.1	12	< 2.2	2.3	< 2.1	9.3	5.3	3.2	< 2.5	< 1.9	4.5	< 2.0				
GRO (mg/kg)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---				
Detected VOCs (ug/kg)																			
1,1,1-Trichloroethane	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	410	< 25	< 25				
1,1-Dichloroethane	< 25	< 25	< 25	170	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	470				
1,2,4-Trimethylbenzene	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25				
Chloroethane	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25				
Ethylbenzene	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25				
Methylene Chloride	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	37	< 25	< 25				
Naphthalene	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	Q	< 25	< 25				
Toluene	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25				
Xylenes	< 75	< 75	< 75	< 75	< 75	< 75	< 75	< 75	< 75	< 75	< 75	< 75	< 75	< 75	< 75				
PAHs (ug/kg)																			
Acenaphthene	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---				
Acenaphthylene	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---				
Anthracene	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---				
Benzo(a)anthracene	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---				
Benzo(a)pyrene	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---				
Benzo(b)fluoranthene	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---				
Benzo(g,h,i)perylene	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---				
Benzo(k)fluoranthene	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---				
Chrysene	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---				
Dibenz(a,b)anthracene	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---				
Fluoranthene	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---				
Fluorene	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---				
Indene(1,2,3-cd)pyrene	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---				
1-Methyl Naphthalene	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---				
2-Methyl Naphthalene	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---				
Naphthalene	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---				
Phenanthrene	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---				
Pyrene	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---				

Notes:
 bold concentrations exceed RCL (industrial direct contact, groundwater protection or calculated), PRG (industrial) or SSL
 shaded data indicates soil represented by sample was removed during subsequent excavation phase
 * - RCL calculated pursuant to WDNR guidance Determining Residual Contaminant Levels Using the EPA Screening Level Web Site (PUB-RR-682)
 --- - not analyzed, not established or not applicable
 DAF - dilution attenuation factor
 DRO - diesel range organics
 GRO - gasoline range organics
 mg/kg - milligrams per kilogram
 PAHs - polynuclear aromatic hydrocarbons
 PRG - EPA preliminary remediation goal
 Q - detected between limit of detection and limit of quantitation
 RCL - NR 720 or WDNR interim guidance generic residual contaminant level
 SSL - EPA soil screening level
 ug/kg - micrograms per kilogram
 VOCs - volatile organic compounds

TABLE 1 (Continued)

SUMMARY OF CONFIRMATION SOIL SAMPLE ANALYTICAL RESULTS

COAL DOCK/TRACTOR SHED AREA

OAK CREEK POWER PLANT
11060 South Chicago Road
Oak Creek, Wisconsin
Geosyntec Project No. CHE8094CQ1

PARAMETERS	SAMPLE IDENTIFICATION																Direct Contact (Industrial)	RCL		PRG Direct Contact (Industrial)	SSL Groundwater Protection (DAF 1)
	CS-31	CS-32	CS-33	CS-34	CS-35	CS-36	CS-37	CS-38	CS-39	CS-28A	CS-34A	CS-40	CS-41	CS-42	CS-43	Groundwater Protection		Calculated* (groundwater protection)			
Depth	3.5	7	3.5	3.5	3.5	7	3.5	3.5	3.5	3.5	3.5	6	2	2	2						
Date	11/5/07	11/6/07	11/6/07	11/6/07	11/6/07	11/6/07	11/6/07	11/6/07	11/6/07	11/28/07	11/29/07	12/13/07	12/13/07	12/13/07	12/13/07						
DRO (mg/kg)	< 2.1	< 2.0	< 2.1	15	2.1	2.3	< 2.1	2.5	3.6	4.7	< 2.1	12	11	4.0	3.3		100/250	---	---		
GRO (mg/kg)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---		100/250	---	---		
Detected VOCs (ug/kg)																					
1,1,1-Trichloroethane	< 25	< 25	90	840	< 25	< 25	< 25	< 25	< 25	< 26	< 25	< 25	40	Q	< 25	< 25	---	---	284	1.2E+06	
1,1-Dichloroethane	670	< 25	32	Q	160	< 25	< 25	< 25	< 25	< 26	< 25	< 25	41	Q	< 25	< 25	---	---	---	1.7E+06	
1,2,4-Trimethylbenzene	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 26	< 25	< 25	< 25	< 25	< 25	35	Q	---	---	170,000	
Chloroethane	57	Q	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 26	< 25	< 25	< 25	< 25	< 25	< 25	---	---	---	6,500	
Ethylbenzene	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 26	< 25	< 25	< 25	< 25	< 25	< 25	---	2,900	---	400,000	
Methylene Chloride	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 26	< 25	< 25	< 25	< 25	< 25	< 25	---	---	---	21,000	
Naphthalene	< 25	< 25	< 25	99	< 25	< 25	< 25	< 25	< 25	< 26	< 25	< 25	< 25	< 25	< 25	< 25	110,000	400	---	190,000	
Toluene	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 26	< 25	< 25	< 25	< 25	< 25	< 25	---	1,500	---	520,000	
Xylenes	< 75	< 75	< 75	< 75	< 75	< 75	< 75	< 75	< 75	< 77	< 75	< 75	< 75	< 75	< 75	< 75	---	4,100	---	420,000	
PAHs (ug/kg)																					
Acenaphthene	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	60,000,000	38,000	---	---	
Acenaphthylene	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	360,000	700	---	---	
Anthracene	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	300,000,000	3,000,000	---	---	
Benzo(a)anthracene	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	3,900	17,000	---	---	
Benzo(a)pyrene	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	390	48,000	---	---	
Benzo(b)fluoranthene	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	3,900	360,000	---	---	
Benzo(g,h,i)perylene	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	39,000	6,800,000	---	---	
Benzo(k)fluoranthene	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	39,000	870,000	---	---	
Chrysene	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	390,000	37,000	---	---	
Dibenzo(a,h)anthracene	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	390	38,000	---	---	
Fluoranthene	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	40,000,000	500,000	---	---	
Fluorene	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	40,000,000	100,000	---	---	
Indeno(1,2,3-cd)pyrene	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	3,900	680,000	---	---	
1-Methyl Naphthalene	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	70,000,000	23,000	---	---	
2-Methyl Naphthalene	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	40,000,000	20,000	---	---	
Naphthalene	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	110,000	400	---	---	
Phenanthrene	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	390,000	1,800	---	---	
Pyrene	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	30,000,000	8,700,000	---	---	

Notes
 bold concentrations exceed RCL (industrial direct contact, groundwater protection or calculated), PRG (industrial) or SSL
 shaded data indicates soil represented by sample was removed during subsequent excavation phase
 * - RCL calculated pursuant to WDNR guidance Determining Residual Contaminant Levels Using the EPA Screening Level Web Site (PUB-RR-682)
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 ug/kg - micrograms per kilogram
 VOCs - volatile organic compounds

TABLE 1 (Continued)
SUMMARY OF CONFIRMATION SOIL SAMPLE ANALYTICAL RESULTS

COAL DOCK/TRACTOR SHED AREA

OAK CREEK POWER PLANT
11060 South Chicago Road
Oak Creek, Wisconsin
Geosyntec Project No. CHE8094CQ1

PARAMETERS	SAMPLE IDENTIFICATION															Direct Contact (Industrial)	RCL		PRG Direct Contact (Industrial)	SSL Groundwater Protection (DAF 1)
	CS-44	CS-45	CS-46	CS-47	CS-48	CS-49	CS-50	CS-51	CS-52	CS-53	CS-54	CS-55	CS-56	CS-57	CS-58		Groundwater Protection	Calculated* (groundwater protection)		
Depth	2.5	2.5	6.5	2.5	7	7	2.5	2.5	7.5	3	7	7.5	3	8	3					
Date	12/13/07	12/13/07	12/13/07	12/13/07	12/13/07	12/14/07	12/14/07	12/14/07	12/14/07	12/14/07	12/14/07	12/14/07	12/14/07	12/14/07	12/14/07					
DRO (mg/kg)	17	4.9	9.9	9.6	9.2	4.7	8.8	2.7	2.3	9.0	3.0	< 2.1	6.8	7.3	17		100/250	---	---	
GRO (mg/kg)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---		100/250	---	---	
Detected VOCs (ug/kg)																				
1,1,1-Trichloroethane	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	---	---	284	1.2E+06	
1,1-Dichloroethane	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	800	< 25	< 25	< 25	< 25	---	---	---	1.7E+06	
1,2,4-Trimethylbenzene	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	---	---	---	170,000	
Chloroethane	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	---	---	---	6,500	
Ethylbenzene	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	---	2,900	---	400,000	
Methylene Chloride	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	---	---	---	21,000	
Naphthalene	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	110,000	400	---	190,000	
Toluene	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	---	1,500	---	520,000	
Xylenes	< 75	< 75	< 75	< 75	< 75	< 75	< 75	< 75	< 75	< 75	< 75	< 75	< 75	< 75	< 75	---	4,100	---	420,000	
PAHs (ug/kg)																				
Acenaphthene	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	60,000,000	38,000	---	---	
Acenaphthylene	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	360,000	700	---	---	
Anthracene	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	300,000,000	3,000,000	---	---	
Benzo(a)anthracene	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	3,900	17,000	---	---	
Benzo(a)pyrene	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	390	48,000	---	---	
Benzo(b)fluoranthene	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	3,900	360,000	---	---	
Benzo(e,h,i)perylene	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	39,000	6,800,000	---	---	
Benzo(k)fluoranthene	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	39,000	870,000	---	---	
Chrysene	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	390,000	37,000	---	---	
Dibenzo(a,h)anthracene	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	390	38,000	---	---	
Fluoranthene	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	40,000,000	500,000	---	---	
Fluorene	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	40,000,000	100,000	---	---	
Indeno(1,2,3-cd)pyrene	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	3,900	680,000	---	---	
1-Methyl Naphthalene	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	70,000,000	23,000	---	---	
2-Methyl Naphthalene	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	40,000,000	20,000	---	---	
Naphthalene	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	110,000	400	---	---	
Phenanthrene	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	390,000	1,800	---	---	
Pyrene	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	30,000,000	8,700,000	---	---	

Notes:
bold concentrations exceed RCL (industrial direct contact, groundwater protection or calculated), PRG (industrial) or SSL
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TABLE 1 (Continued)

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COAL DOCK/TRACTOR SHED AREA

OAK CREEK POWER PLANT
 11060 South Chicago Road
 Oak Creek, Wisconsin
 Geosyntec Project No. CHE8094CQ1

PARAMETERS	SAMPLE IDENTIFICATION												Direct Contact (Industrial)	RCL Groundwater Protection	Calculated* (groundwater protection)	PRG Direct Contact (Industrial)	SSL Groundwater Protection (DAF 1)	
	CS-59	CS-60	CS-61	CS-62	CS-63	CS-64	CS-65	CS-66	CS-67	CS-68	CS-69	CS-70						
Depth	8	8	3.5	3	3	3	7.5	4	2	2	2	2						
Date	12/14/07	12/14/07	12/14/07	12/14/07	12/14/07	12/14/07	12/14/07	12/17/07	12/17/07	12/17/07	12/17/07	12/17/07						
DRO (mg/kg)	8.7	4.7	12	4.0	9.0	7.9	3.0	7.4	9.2	11	42	3.4	---	100/250	---	---	---	
GRO (mg/kg)	---	---	---	---	---	---	---	---	---	---	---	---	---	100/250	---	---	---	
Detected VOCs (ug/kg)																		
1,1,1-Trichloroethane	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	190	< 25	< 25	---	---	284	1.2E+06	---	
1,1-Dichloroethane	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	---	---	---	1.7E+06	1,000	
1,2,4-Trimethylbenzene	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	---	---	---	170,000	---	
Chloroethane	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	---	---	---	6,500	---	
Ethylbenzene	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	---	2,900	---	400,000	700	
Methylene Chloride	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	---	---	---	21,000	1.0	
Naphthalene	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	110,000	400	---	190,000	400	
Toluene	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	---	1,500	---	520,000	600	
Xylenes	< 75	< 75	< 75	< 75	< 75	< 75	< 75	< 75	< 75	< 75	< 75	< 75	---	4,100	---	420,000	10,000	
PAHs (ug/kg)																		
Acenaphthene	---	---	---	---	---	---	---	---	---	---	---	---	60,000,000	38,000	---	---	---	
Acenaphthylene	---	---	---	---	---	---	---	---	---	---	---	---	360,000	700	---	---	---	
Anthracene	---	---	---	---	---	---	---	---	---	---	---	---	300,000,000	3,000,000	---	---	---	
Benzo(a)anthracene	---	---	---	---	---	---	---	---	---	---	---	---	3,900	17,000	---	---	---	
Benzo(a)pyrene	---	---	---	---	---	---	---	---	---	---	---	---	390	48,000	---	---	---	
Benzo(b)fluoranthene	---	---	---	---	---	---	---	---	---	---	---	---	3,900	360,000	---	---	---	
Benzo(g,h,i)perylene	---	---	---	---	---	---	---	---	---	---	---	---	39,000	6,800,000	---	---	---	
Benzo(k)fluoranthene	---	---	---	---	---	---	---	---	---	---	---	---	39,000	870,000	---	---	---	
Chrysene	---	---	---	---	---	---	---	---	---	---	---	---	390,000	37,000	---	---	---	
Dibenzo(a,h)anthracene	---	---	---	---	---	---	---	---	---	---	---	---	390	38,000	---	---	---	
Fluoranthene	---	---	---	---	---	---	---	---	---	---	---	---	40,000,000	500,000	---	---	---	
Fluorene	---	---	---	---	---	---	---	---	---	---	---	---	40,000,000	100,000	---	---	---	
Indeno(1,2,3-cd)pyrene	---	---	---	---	---	---	---	---	---	---	---	---	3,900	680,000	---	---	---	
1-Methyl Naphthalene	---	---	---	---	---	---	---	---	---	---	---	---	70,000,000	23,000	---	---	---	
2-Methyl Naphthalene	---	---	---	---	---	---	---	---	---	---	---	---	40,000,000	20,000	---	---	---	
Naphthalene	---	---	---	---	---	---	---	---	---	---	---	---	110,000	400	---	---	---	
Phenanthrene	---	---	---	---	---	---	---	---	---	---	---	---	390,000	1,800	---	---	---	
Pyrene	---	---	---	---	---	---	---	---	---	---	---	---	30,000,000	8,700,000	---	---	---	

Notes:

- bold concentrations exceed RCL (industrial direct contact, groundwater protection or calculated), PRG (industrial) or SSL
- shaded data indicates soil represented by sample was removed during subsequent excavation phase
- * - RCL calculated pursuant to WDNR guidance Determining Residual Contaminant Levels Using the EPA Screening Level Web Site (PUB-RR-682)
- - not analyzed, not established or not applicable
- DAF - dilution attenuation factor
- DRO - diesel range organics
- GRO - gasoline range organics
- mg/kg - milligrams per kilogram
- PAHs - polynuclear aromatic hydrocarbons
- PRG - EPA preliminary remediation goal
- Q - detected between limit of detection and limit of quantitation
- RCL - NR 720 or WDNR interim guidance generic residual contaminant level
- SSL - EPA soil screening level
- ug/kg - micrograms per kilogram
- VOCs - volatile organic compounds

TABLE 2

SUMMARY OF GROUNDWATER SAMPLE ANALYTICAL RESULTS

COAL DOCK/TRACTOR SHED AREA

OAK CREEK POWER PLANT
 11060 South Chicago Road
 Oak Creek, Wisconsin
 GeoSyntec Project No. CHE8094CQ

PARAMETERS	SAMPLE IDENTIFICATION															ES	PAL
	GP-MW-4	GP-MW-6	GP-MW-8	GP-MW-17	GP-28	GP-30	GP-35	GP-40	GP-41	GP-42	GP-44	GP-47	GP-48	GP-49			
Date	9/22/06	9/22/06	9/22/06	9/22/06	11/9/06	11/9/06	1/25/07	1/25/07	1/25/07	1/25/07	1/25/07	1/25/07	1/25/07	1/25/07	1/25/07		
Detected VOCs (ug/l)																	
1,1,1-Trichloroethane	< 0.90	< 0.90	6.5	< 0.90	< 0.90	14	< 0.90	< 0.90	21	< 0.90	< 0.90	< 0.90	< 0.90	< 0.90	< 0.90	200	40
1,1-Dichloroethane	< 0.75	< 0.75	1.8 Q	< 0.75	< 0.75	4.7	< 0.75	< 0.75	8.0	< 0.75	0.87 Q	< 0.75	< 0.75	< 0.75	< 0.75	850	85
Benzene	< 0.41	< 0.41	< 0.41	< 0.41	< 0.41	< 0.41	< 0.41	0.44 Q	< 0.41	< 0.41	< 0.41	< 0.41	< 0.41	< 0.41	< 0.41	5	0.5
PAHs (ug/l)																	
Acenaphthene	0.027 Q	0.034	0.035 Q	0.024 Q	0.015 Q	0.11	---	0.011 Q*	0.055 *	0.094 *	3.1 *	0.017 Q*	0.016 Q*	0.87 *	---	---	---
Acenaphthylene	< 0.015	< 0.0083	< 0.012	< 0.0094	< 0.0081	0.04 Q	---	0.016 Q*	0.025 Q*	0.028 Q*	2.3 *	< 0.0081 *	< 0.0083 *	0.11 Q*	---	---	---
Anthracene	0.034 Q	0.072	0.047 Q	< 0.013	0.022 Q	0.18	---	< 0.012	0.66 D	0.15	10	0.014 Q	0.023 Q	0.92	3,000	600	---
Benzo(a)anthracene	0.034 Q	0.073	0.034 Q	< 0.018	0.025 Q	0.35	---	< 0.017	0.31	0.24	16 D	< 0.016	0.031 Q	0.72	---	---	---
Benzo(a)pyrene	< 0.035	0.057 Q	< 0.028	< 0.021	< 0.018	0.24	---	< 0.020	0.22	0.20	16 D	< 0.018	0.019 Q	0.46 Q	0.2	0.02	0.02
Benzo(b)fluoranthene	< 0.030	0.038 QZ	< 0.024	< 0.018	0.017 QZ	0.19 Z	---	< 0.017	0.22 Z	0.14 Z	13 ZD	< 0.016	0.024 QZ	0.45 QZ	0.2	0.02	0.02
Benzo(g,h,i)perylene	0.037 Q	0.042 Q	0.030 Q	< 0.022	< 0.019	0.14 Q	---	< 0.021	0.14	0.11	8.1	< 0.019	0.022 Q	0.30 Q	---	---	---
Benzo(k)fluoranthene	< 0.037	0.034 QZ	< 0.030	< 0.022	< 0.019	0.12 QZ	---	< 0.021	0.15	0.12	11 ZD	< 0.019	0.020 Q	0.39 QZ	---	---	---
Chrysene	0.076 Q	0.072	0.039 Q	< 0.022	0.032 Q	0.31	---	< 0.020	0.32	0.22	20 D	0.022 Q	0.051 Q	0.90	0.2	0.02	0.02
Dibenzo(a,h)anthracene	< 0.036	0.022 Q	< 0.029	< 0.022	< 0.019	< 0.049	---	< 0.020	0.036 Q	0.034 Q	2.0	< 0.019	< 0.019	< 0.18	---	---	---
Fluoranthene	0.052 Q	0.11	0.055 Q	< 0.018	0.060	0.5	---	0.045 Q	0.87 D	0.38	36 D	< 0.038	0.090	2.8	400	80	---
Fluorene	0.029 Q	0.045	0.039 Q	0.013	0.012 Q	0.16	---	0.017 Q*	0.083 *	0.12 *	2.4 *	< 0.0091 *	< 0.0092 *	0.25 Q*	400	80	---
Indeno(1,2,3-cd)pyrene	< 0.036	0.025 Q	< 0.029	< 0.022	< 0.019	0.079 Q	---	< 0.020	0.098	0.077	6.8	< 0.019	< 0.019	0.19 Q	---	---	---
1-Methyl Naphthalene	0.14	0.20	0.16	0.044	0.044	0.75	---	0.17 *	0.30 *	0.93 *D	1.2 *	0.010 *	0.012 Q*	0.48 *	---	---	---
2-Methyl Naphthalene	0.22	0.30	0.22	0.055	0.053	0.98	---	0.24 *	0.39 *	1.3 *D	1.7 *	0.014 Q*	0.017 Q*	0.65 *	---	---	---
Naphthalene	0.11	0.14	0.092	0.031 Q	0.034 Q	0.34	---	0.23	0.19	0.62 D	3.7	0.021 Q	0.023 Q	0.44	100	10	---
Phenanthrene	0.19	0.34	0.21	0.054	0.072	1.1	---	0.066	0.67 D	0.72 D	19 D	0.020 Q	0.044	1.7	---	---	---
Pyrene	0.055 Q	0.10	0.052 Q	0.019 Q	0.055	0.57	---	0.038 Q	0.65 D	0.42	26 D	0.036 Q	0.084	2.2	250	50	---

Notes:
 Bold concentrations exceed NR 140 PAL
 Shaded concentrations exceed NR 140 ES
 --- not sampled or no NR 140 PAL or ES established
 * - precision not within control limits
 D - analyte value from diluted analysis or surrogate result not applicable due to sample dilution
 ES - NR 140 enforcement standard
 PAHs - polynuclear aromatic hydrocarbons
 PAL - NR 140 preventive action limit
 Q - detected between limit of detection and limit of quantitation
 ug/l - micrograms per liter
 Z - compound was separated but did not meet resolution criteria as set forth in SW846

TABLE 3

SUMMARY OF GROUNDWATER ELEVATION DATA

COAL DOCK/TRACTOR SHED AREA

OAK CREEK POWER PLANT
 11060 South Chicago Road
 Oak Creek, Wisconsin
 GeoSyntec Project No. CHE8094CQ

GP-35				GP-44			
Surface Elevation				8.82			
Casing Elevation				9.57			
Top of Screen Elevation							
Bottom of Screen Elevation							
Measurement Date	DTW (top)	DTW (GS)	Groundwater Elevation	Measurement Date	DTW (top)	DTW (GS)	Groundwater Elevation
1/25/07	8.01	7.26	1.56	1/25/07	7.84	5.83	3.16
GP-40				GP-47			
Surface Elevation				6.64			
Casing Elevation				6.75			
Top of Screen Elevation							
Bottom of Screen Elevation							
Measurement Date	DTW (top)	DTW (GS)	Groundwater Elevation	Measurement Date	DTW (top)	DTW (GS)	Groundwater Elevation
1/25/07	7.04	6.93	-0.29	1/25/07	7.01	6.93	1.88
GP-41				GP-48			
Surface Elevation				8.55			
Casing Elevation				11.83			
Top of Screen Elevation							
Bottom of Screen Elevation							
Measurement Date	DTW (top)	DTW (GS)	Groundwater Elevation	Measurement Date	DTW (top)	DTW (GS)	Groundwater Elevation
1/25/07	10.11	6.83	1.72	1/25/07	7.53	7.55	1.68
GP-42				GP-49			
Surface Elevation				7.35			
Casing Elevation				7.37			
Top of Screen Elevation							
Bottom of Screen Elevation							
Measurement Date	DTW (top)	DTW (GS)	Groundwater Elevation	Measurement Date	DTW (top)	DTW (GS)	Groundwater Elevation
1/25/07	6.16	6.14	1.21	1/25/07	7.41	7.32	1.89

Notes:

elevations referenced to site-specific datum

DTW - depth to water

GS - ground surface

top - top of casing

Lake Michigan elevation on 1/25/07 = -3.3 feet (<http://www.lre.usace.army.mil/greatlakes/hh/greatlakeswaterlevels/currentconditions/greatlakeswaterlevels/>)