

GIS REGISTRY
Cover Sheet

August 2011
(RR-5367)

Source Property Information

BRRTS #: 02-42-279983
ACTIVITY NAME: Fort McCoy LF #3 & Grit Area
PROPERTY ADDRESS: Fort McCoy
MUNICIPALITY: Sparta
PARCEL ID #: 018-00241-0000

CLOSURE DATE: May 22, 2012
FID #: 642024900
DATCP #:
PECFA#:

*WTM COORDINATES:

X: 462625 Y: 392735

* 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" form)
- Soil Contamination > *RCL or **SSRCL (232)
 Contamination in ROW
 Off-Source Contamination
(note: for list of off-source properties see "Impacted Off-Source Property" form)

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 unit or economic development corporation was directed to take a response action)

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 #: 02-42-279983 (No Dashes) PARCEL ID #: 018-00241-0000
ACTIVITY NAME: Fort McCoy LF #3 & Grit Area WTM COORDINATES: X: 462625 Y: 392735

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

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

SOURCE LEGAL DOCUMENTS

- Deed:** The most recent deed as well as legal descriptions, for the **Source Property** (where the contamination originated). Deeds for other, off-source (off-site) properties are located in the **Notification** section.
Note: If a property has been purchased with a land contract and the purchaser has not yet received a deed, a copy of the land contract which includes the legal description shall be submitted instead of the most recent deed. If the property has been inherited, written documentation of the property transfer should be submitted along with the most recent deed.
- Certified Survey Map:** A copy of the certified survey map or the relevant section of the recorded plat map for those properties where the legal description in the most recent deed refers to a certified survey map or a recorded plat map. (lots on subdivided or platted property (e.g. lot 2 of xyz subdivision)).
Figure #: **Title:**
- Signed Statement:** A statement signed by the Responsible Party (RP), which states that he or she believes that the attached legal description accurately describes the correct contaminated property.

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

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

- Location Map:** A map outlining all properties within the contaminated site boundaries on a U.S.G.S. topographic map or plat map in sufficient detail to permit easy location of all parcels. If groundwater standards are exceeded, include the location of all potable wells within 1200 feet of the site.
Note: Due to security reasons municipal wells are not identified on GIS Packet maps. However, the locations of these municipal wells must be identified on Case Closure Request maps.
Figure #: 1 **Title: Closed Landfill #3 Location Map, Fort McCoy, WI**
- 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 #: 5 **Title: Closed Landfill #3 Sample Locations and Water Table 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 #: **Title:**

BRRTS #: 02-42-279983

ACTIVITY NAME: Fort McCoy LF #3 & Grit 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 11 x 17 inches unless the table is submitted electronically. Tables must not contain shading and/or cross-hatching. The use of **BOLD** or *ITALICS* is acceptable.

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

Table #: 1, 3, 4, 5, 9 Title: **Grit Area Sample from WW Treatment Plant; Ph 2 Surf; Deep Soil; Test Pit Soil Samples**

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 #: Title:

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

Table #: Title:

IMPROPERLY ABANDONED MONITORING WELLS

For each monitoring well not properly abandoned according to requirements of s. NR 141.25 include the following documents.

Note: If the site is being listed on the GIS Registry for only an improperly abandoned monitoring well you will only need to submit the documents in this section for the GIS Registry Packet.

Not Applicable

Site Location Map: A map showing all surveyed monitoring wells with specific identification of the monitoring wells which have not been properly abandoned.

Note: If the applicable monitoring wells are distinctly identified on the Detailed Site Map this Site Location Map is not needed.

Figure #: Title:

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

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

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

BRRTS #: 02-42-279983

ACTIVITY NAME: Fort McCoy LF #3 & Grit Area

NOTIFICATIONS

Source Property

Not Applicable

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

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

Off-Source Property

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

Not Applicable

Letter To "Off-Source" Property Owners: Copies of all letters sent by the Responsible Party (RP) to owners of properties with groundwater exceeding an Enforcement Standard (ES), and to owners of properties that will be affected by a land use control under s. 292.12, Wis. Stats.

Note: Letters sent to off-source properties regarding residual contamination must contain standard provisions in Appendix A of ch. NR 726.

Number of "Off-Source" Letters:

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

Deed of "Off-Source" Property: The most recent deed(s) as well as legal descriptions, for all affected deeded **off-source property(ies)**. This does not apply to right-of-ways.

Note: If a property has been purchased with a land contract and the purchaser has not yet received a deed, a copy of the land contract which includes the legal description shall be submitted instead of the most recent deed. If the property has been inherited, written documentation of the property transfer should be submitted along with the most recent deed.

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:

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
PO Box 4001
Eau Claire WI 54702-4001

Scott Walker, Governor
Cathy Stepp, Secretary
Telephone 608-266-2621
Toll Free 1-888-936-7463
TTY Access via relay - 711



May 22, 2012

Mr. Alan L. Balliett
Environmental Branch Chief
Fort McCoy
2171 South 8th Avenue
Fort McCoy, WI 54656

KEEP THIS DOCUMENT WITH YOUR PROPERTY RECORDS

SUBJECT: Final Case Closure with Continuing Obligations
Fort McCoy LF #3 & Grit Area, Fort McCoy, Sparta, WI
WDNR BRRTS Activity #: 02-42-279983
FID #: 642024900

Dear Mr. Balliett:

The Department of Natural Resources (DNR) considers the Fort McCoy LF #3 & Grit Area case closed, with continuing obligations. No further investigation or remediation is required at this time. However, you and future property owners must comply with the continuing obligations as explained in the conditions of closure in this letter. Please read over this letter closely to ensure that you comply with all conditions and other on-going requirements. Provide this letter and any attached maintenance plan to anyone who purchases this property from you.

This final closure decision is based on the correspondence and data provided, and is issued under ch. NR 726, Wisconsin Administrative Code. The West Central Region (WCR) Closure Committee reviewed the request for closure on June 12, 2008. The Closure Committee reviews environmental remediation cases for compliance with state laws and standards to maintain consistency in the closure of these cases. Although the Closure Committee determined that this case meets DNR closure requirements, a letter documenting case closure was not sent at that time, pending compliance with U.S. EPA closure criteria. On December 7, 2011, the DNR received correspondence from Michelle Mullin, U.S. EPA Corrective Action Project Manager, documenting that federal closure criteria have been met. A conditional closure letter was issued by the DNR on December 19, 2011, and documentation that the conditions in that letter were met was received on May 1, 2012.

This former landfill was reportedly used for one year in 1950 for disposal of ash, clinker, and noncombustible refuse. The Grit Area consists of shallow piles of old residual solids from an adjacent wastewater treatment plant, deposited sometime between 1946 and 1992. Soil and groundwater were impacted by metals, volatile organic compounds, and semi-volatile organic compounds. Responses included covering the Closed LF#3 area with up to four feet of soil. The conditions of closure and continuing obligations required were based on the property being used for industrial purposes.

Continuing Obligations

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

- Residual waste and soil contamination exists that must be properly managed should it be excavated or removed.
- A soil barrier must be maintained over waste and contaminated soil in the area of Closed LF #3, and the DNR must approve any changes to this barrier.
- Before the land use may be changed from industrial to non-industrial, additional environmental work must be completed. This condition is necessary because of exceedances of non-industrial direct contact standards for arsenic within the Grit Area.

GIS Registry

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

All site information is also on file at the West Central Regional DNR office, at 1300 West Clairemont Avenue, Eau Claire, WI 54701. This letter and information that was submitted with your closure request application, including the maintenance plan, will be included on the GIS Registry in a PDF attachment. To review the site on the GIS Registry web page, visit the RR Sites Map page at <http://dnr.wi.gov/org/aw/rr/gis/index.htm>.

Prohibited Activities

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

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

Closure Conditions

Compliance with the requirements of this letter is a responsibility to which you and any subsequent property owners must adhere. DNR staff will conduct periodic prearranged inspections to ensure that the conditions included in this letter and the attached maintenance plans are met. If these

requirements are not followed, the DNR may take enforcement action under s. 292.11, Wisconsin Statutes to ensure compliance with the specified requirements, limitations or other conditions related to the property.

Residual Soil Contamination (ch. NR 718, chs. 500 to 536, Wis. Adm. Code; ch. 289, Wis. Stats.) Waste and residual soil contamination remains in the area of Closed LF #3, and residual soil contamination remains in the Grit Area, as indicated on the attached map. If waste and/or soil in the specific locations described above is excavated in the future, the property owner at the time of excavation must sample and analyze the excavated material to determine whether contamination remains. If sampling confirms that contamination is present, the property owner at the time of excavation will need to determine whether the material is considered solid or hazardous waste and ensure that any storage, treatment or disposal is in compliance with applicable standards and rules. In addition, all current and future owners and occupants of the property need to be aware that excavation of the contaminated material may pose an inhalation or other direct contact hazard and as a result special precautions may need to be taken to prevent a direct contact health threat to humans.

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

The soil cover that exists in the location shown on the attached map shall be maintained in compliance with **the** attached maintenance plan in order to prevent direct contact with waste and residual soil contamination that might otherwise pose a threat to human health.

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

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

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

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

Soil contamination remains at the Grit Area, as shown on the attached map. Samples contained arsenic in concentrations which exceeded non-industrial (residential) soil standards, but which met industrial soil standards.

This property may not be used or developed for a residential, commercial, agricultural or other non-industrial use, unless prior written approval has been obtained from the DNR. An investigation and remedial action to meet applicable soil cleanup standards may be required at that time.

Any future redevelopment of this property must take into account consideration of the presence of waste materials and will require the issuance of an exemption from the DNR to build on an abandoned landfill prior to the start of any construction. Please refer to the following Building on Abandoned Landfill Guidances for further information. They can be found on the internet at:

Mr. Alan L. Balliett
Fort McCoy
May 22, 2012
Page 4

<http://dnr.wi.gov/org/aw/rr/archives/pubs/RR685.pdf>
<http://dnr.wi.gov/org/aw/rr/archives/pubs/RR684.pdf>
<http://dnr.wi.gov/org/aw/rr/archives/pubs/RR683.pdf>

Chapter NR 140, Wis. Adm. Code Exemption

Recent groundwater monitoring data at this site indicates exceedances of the ch. NR 140, Wis. Adm. Code, preventive action limit for iron at well OW-104. The DNR may grant an exemption for a substance of public welfare concern, or nitrate, pursuant to ss. NR 140.28 (2) (a), (3) (a) and (4) (a), Wis. Adm. Code, if actions have been taken to achieve the lowest possible concentration for that substance which is technically and economically feasible and the existing or anticipated increase in the concentration of that substance does not present a threat to public health or welfare.

Based on the information you provided, the DNR believes that the criteria for an exemption have been or will be met, because of the response actions that have been taken. Therefore, pursuant to s. NR 140.28, Wis. Adm. Code, an exemption to the preventive action limit is granted for iron at well OW-104. Please keep this letter, because it serves as your exemption.

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

Please send written notifications in accordance with the above requirements to DNR West Central Regional Headquarters, 1300 West Clairemont Avenue, Eau Claire, WI 54701, to the attention of Mae Willkom, Project Manager.

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.

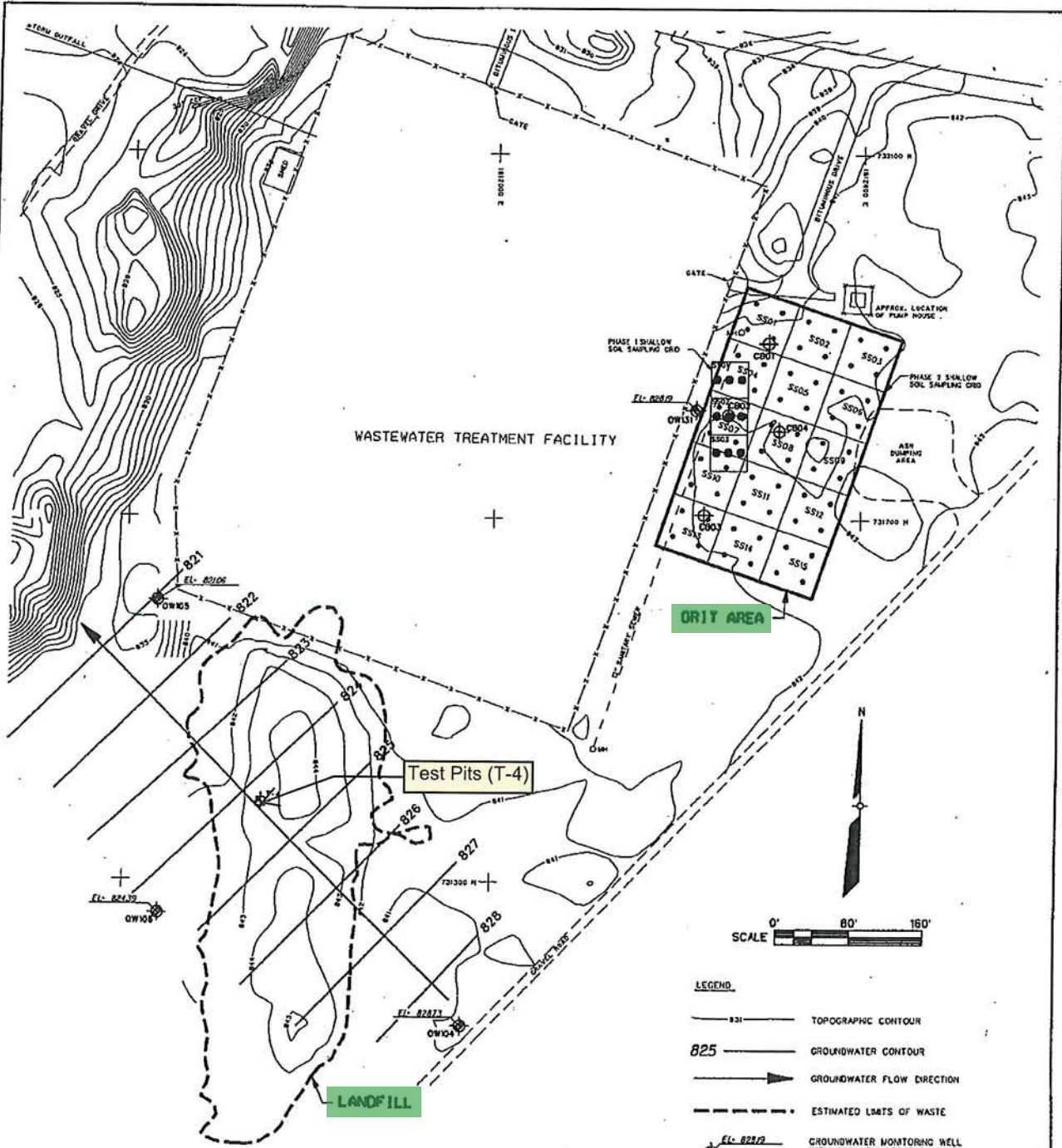
The DNR appreciates your efforts to restore the environment at this site. If you have any questions regarding this closure decision or anything outlined in this letter, please contact Mae Willkom at (715) 839-3748.

Sincerely,



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

cc: Michelle Mullin, U.S. EPA
Craig Bartholomew
Bill Phelps, DG/5 (via e-mail)



- NOTES:**
1. GROUNDWATER TABLE ELEVATIONS AND CONTOURS ARE DERIVED FROM THE PHASE 3 INVESTIGATION.
 2. LIMITS OF WASTE DETERMINED FROM GEOPHYSICAL SURVEY QUADRATURE CONTOUR MAP ASSUMING WASTE IS INDICATED BY AREAS HAVING CONDUCTIVITY OF 2 MHMDS/M OR MORE.
 3. LIMITS OF WASTE ARE ESTIMATED OUTSIDE OF THE GEOPHYSICAL SURVEY AREA.

- LEGEND**
- 821 — TOPOGRAPHIC CONTOUR
 - 825 — GROUNDWATER CONTOUR
 - GROUNDWATER FLOW DIRECTION
 - - - ESTIMATED LIMITS OF WASTE
 - EL. 822.72
OW101 GROUNDWATER MONITORING WELL WITH GROUNDWATER ELEVATION IN FEET ABOVE MEAN SEA LEVEL
 - ⊕ T-4 TEST PIT - PHASE 2
 - SS01 SHALLOW SOIL SUBSAMPLE LOCATION - PHASE 1
 - SS01 SHALLOW SOIL SUBSAMPLE LOCATION - PHASE 2
 - ⊕ CB01 CHEMICAL BORING - PHASE 2
 - MH MANNHOLE

30/01/94 / Project/1000587 / 13Jan94



MAY 1994

18903

Figure 5
CLOSED LANDFILL 3
SAMPLE LOCATIONS AND WATER TABLE MAP
 FORT McCOY RFI
 MONROE COUNTY, WISCONSIN

L-11474

CLOSED LANDFILL #3 AND GRIT AREA MAINTENANCE PLAN

April 9, 2008

Property Located at: Fort McCoy, Sparta, WI

BRRTS # 02-42-279983

DNR FID#: 642024900

Introduction:

This document is the Maintenance Plan for a soil cover at the above referenced property in accordance with the requirements of s. NR 724.13(2), Wisconsin Administrative Code. The maintenance activities relate to the soil surface that completely covers Closed Landfill #3, and the underlying waste. Closed Landfill #3 was reportedly used for the disposal of ash, clinker, and noncombustible refuse. Groundwater monitoring indicates that NR 140 Enforcement Standard exceedances of iron were detected at the landfill at the time of site closure. The soil surface is currently overgrown with grass, shrubs and trees, and is unused. The location of Closed Landfill #3, over which the soil surface is to be maintained, is identified on the attached map (Exhibit A).

Cover Purpose

The soil surfaces over the waste serve as a barrier to prevent direct human contact with the waste that might otherwise pose a threat to human health. Based on the current and future use of the property, the barrier should function as intended unless disturbed.

Annual Inspection

The soil surface overlying the waste will be inspected once a year, normally in the spring after all the snow and ice is gone, for disturbance or other potential problems that can cause exposure of underlying soils or waste. The inspections will be performed to evaluate damage due to settling, exposure to the weather and other factors. Any area where soils or wastes have become or are likely to become exposed will be documented. A log of the inspections and any repairs will be maintained by Fort McCoy and is included as Exhibit B, Cap Inspection Log. The log will include recommendations for necessary repair of any areas where underlying soils or waste are exposed. Once repairs are completed, they will be documented in the inspection log. A copy of the inspection log will be kept on file at the Fort McCoy address shown below and sent to the Wisconsin Department of Natural Resources (WDNR) upon request.

Maintenance Activities

In the event that necessary maintenance activities or future site modifications expose the underlying soil, Fort McCoy will inform the contract maintenance workers of the direct contact

exposure hazards so that the contractor will be able to utilize the appropriate personal protection equipment. Fort McCoy will sample any soil that is excavated from the area of known contamination prior to disposal to ascertain if contamination remains. All excavated soil will be treated, stored and disposed of by Fort McCoy in accordance with applicable local, state, and federal regulations.

In the event that future mission requirements necessitate a change in surface features that disturb or modify the configuration of the soil cap, the changes will be engineered and installed to provide equal protection from the direct contact risks. Any changes will be subject to the same maintenance and inspection guidelines as outlined in this Plan unless indicated otherwise by the WDNR or its successor.

Fort McCoy, in order to maintain the integrity of the soil surfaces, will maintain a copy of this Maintenance Plan on-site and make it available to all interested parties (i.e., on-site employees, contractors, future property owners, etc.) for viewing.

Amendment or Withdrawal of Maintenance Plan

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

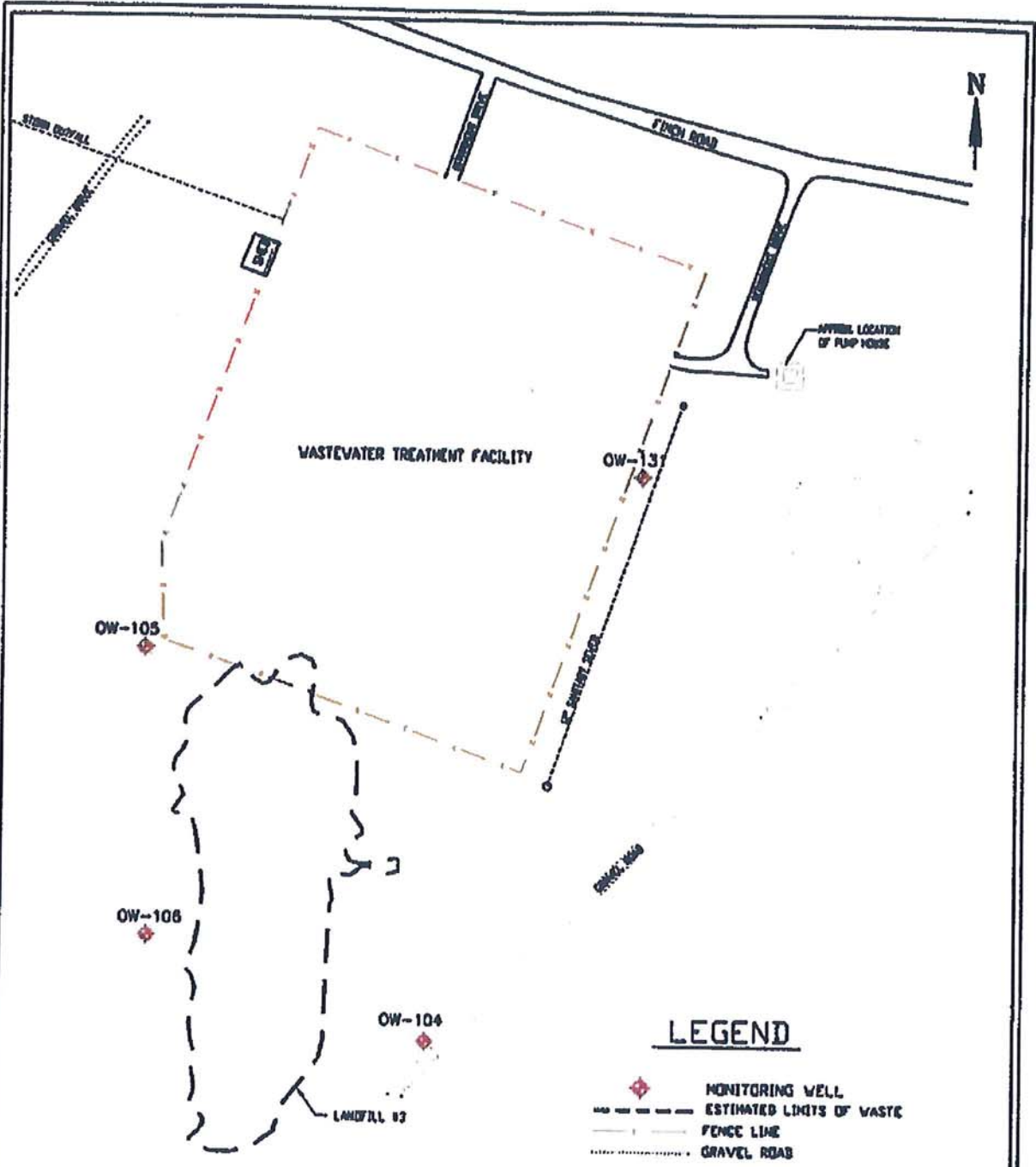
Contact Information

April 9, 2008

Site Owner and Operator: Department of the Army
Alan Balliett, Chief, Environmental Division
Directorate of Public Works
Attn: IMWE-MCY-PWE
2171 S. 8th Ave
Fort McCoy, WI 54656-5136
608-388-4776

Consultant: KEMRON Environmental Services, Inc.
Mr. Larry Emerson, P.E.
3155 Blackhawk Dr, Bldg 379, Suite 17
Fort Sheridan, IL 60037
847-266-1350

**Wisconsin Department of
Natural Resources:** Mae Willkom, Hydrogeologist
1300 West Clairemont Avenue
P.O. Box 4001
Eau Claire, WI 54702-4001
(715) 839-3748



LEGEND

- ◆ MONITORING WELL
- - - - - ESTIMATED LIMITS OF WASTE
- FENCE LINE
- GRAVEL ROAD

SOURCE FROM 10/1/1996 OF 10E021-4-01



DRAWN BY:	DATE
MG	9 SEPTEMBER 2004
REVIEWED:	PROJECT NO.
	40834-AA-001
APPROVED:	DWG. FILE NO.
	SITE PLAN LF. 3

EXHIBIT
A

CLOSED LANDFILL #3
FORT MCCOY
MONROE COUNTY, WISCONSIN

State of Wisconsin
DEPARTMENT OF NATURAL RESOURCES
PO Box 4001
Eau Claire WI 54702-4001

Scott Walker, Governor
Cathy Stepp, Secretary
Telephone 608-266-2621
Toll Free 1-888-936-7463
TTY Access via relay - 711



December 19, 2011

Mr. Alan L. Balliett
Environmental Branch Chief
Fort McCoy
2171 South 8th Avenue
Fort McCoy, WI 54656

Subject: Conditional Closure Decision,
With Requirements to Achieve Final Closure
Fort McCoy LF #3 & Grit Area, Fort McCoy, Sparta, Wisconsin
WDNR BRRTS Activity # 02-42-279983

Dear Mr. Balliett:

On June 12, 2008, the Department of Natural Resources (DNR) West Central Region (WCR) Closure Committee reviewed your request for closure of the case described above. The WCR Closure Committee reviews environmental remediation cases for compliance with state rules and statutes to maintain consistency in the closure of these cases. Although the Closure Committee determined that this case meets DNR closure requirements, a letter documenting case closure was not sent at that time, pending compliance with U.S. EPA closure criteria. On December 16, 2011, the DNR received correspondence from Michelle Mullin, U.S. EPA Corrective Action Project Manager, that federal closure criteria have now been met.

After careful review of the closure request, the WCR Closure Committee determined that metals contamination and volatile and semi-volatile organic compounds on the site in the vicinity of a former landfill and wastewater grit disposal area on the property 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 accordance with ch. NR 141, Wis. Adm. Code. Documentation of well abandonment must be submitted to me, Mae Willkom, on Form 3300-005, found at <http://dnr.wi.gov/org/water/dwg/Forms/3300005.pdf> or provided by the Department of Natural Resources.

PURGE WATER, WASTE AND SOIL PILE REMOVAL

Any remaining purge water, waste and/or soil piles generated as part of site investigation or remediation activities must be removed from the site and disposed of or treated in accordance with Department of Natural Resources' rules. Once that work is completed, please send appropriate documentation regarding the treatment or disposal of the remaining purge water, waste and/or soil piles.

Mr. Alan L. Balliett
Fort McCoy
December 19, 2011
Page 2

When the above conditions have been satisfied, please submit the appropriate documentation (for example, well abandonment forms, disposal receipts, copies of correspondence, etc.) to verify that applicable conditions have been met, and your case will be closed. Your site will be listed on the DNR's Remediation and Redevelopment GIS Registry. Information that was submitted with your closure request application will be included on the GIS Registry. To review the site on the GIS Registry web page, visit the RR Sites Map page at: <http://dnr.wi.gov/org/aw/rr/gis/index.htm>.

CONTINUING OBLIGATIONS AND RESPONSIBILITIES

As part of the approval of the closure of this case, you will be responsible for maintaining the following continuing obligations:

- Residual waste and soil contamination exists that must be properly managed should it be excavated or removed.
- A soil barrier must be maintained over waste and contaminated soil in the area of Closed LF#3, and the state must approve any changes to this barrier. In the final closure approval, you will also be required to conduct annual inspections. Documentation of the inspection will be required to be kept on site.
- Before the land use may be changed from industrial to non-industrial, additional environmental work must be completed. This condition is necessary because of exceedances of non-industrial direct contact standards for arsenic within the Grit Area.

WASTE MANAGEMENT

Any future redevelopment of this property must take into account consideration of the presence of waste materials and will require the issuance of an exemption from the DNR to build on an abandoned landfill prior to the start of any construction. Please refer to the following Building on Abandoned Landfill Guidances for further information. They can be found on the internet at:

<http://dnr.wi.gov/org/aw/rr/archives/pubs/RR685.pdf>

<http://dnr.wi.gov/org/aw/rr/archives/pubs/RR684.pdf>

<http://dnr.wi.gov/org/aw/rr/archives/pubs/RR683.pdf>

Please be aware that the case may be reopened pursuant to s. NR 726.09, Wis. Adm. Code, if additional information regarding site conditions indicates that contamination on or from the site poses a threat to public health, safety, or welfare or to the environment.

We appreciate your efforts to restore the environment at this site. If you have any questions regarding this letter, please contact me at (715) 839-3748.

Sincerely,



Mae Willkom
Hydrogeologist
Remediation & Redevelopment Program

cc: Craig Bartholomew

OPINION
OF THE ATTORNEY GENERAL
THAT THE UNITED STATES OF AMERICA
IS IN POSSESSION UNDER A CLEAR AND
COMPLETE TITLE OF CERTAIN LAND SITUATED
IN THE COUNTY OF MONROE, STATE OF WISCONSIN,
DESIGNATED CAMP MC COY

DEPARTMENT OF JUSTICE

WHEREAS, Section 1.02, Chapter 1, Title 1, Wisconsin Statutes, 1949, provides that:

"Subject to the conditions mentioned in section 1.03 the legislature hereby consents to the acquisitions heretofore effected and hereafter to be effected by the United States, by gift, purchase or condemnation proceedings, of the title to places or tracts of land within the state; and, subject to said conditions, the state hereby grants, cedes and conforms to the United States exclusive jurisdiction over all such places and tracts. Such acquisitions are limited to the following purposes:

(1) To sites for the erection of forts, magazines, arsenals, dockyards, custom houses, courthouses, post offices, or other public buildings or for any purpose whatsoever contemplated by the seventeenth clause of section eight of article one of the constitution of the United States.

(2) To a tract of forty thousand acres of land in township 17 and 18 north, ranges 2 and 3 west, near Sparta, in Monroe County, to be used for military purposes as a target and maneuver range and such other purposes as the war department may deem necessary and proper.

(3) To erect thereon dams, abutments, locks, lockkeepers' dwellings, chutes, or other structures necessary or desirable in improving the navigation of the rivers or other waters within the borders of this state;" and

WHEREAS, Section 1.03, Chapter 1, Title 1, Wisconsin Statutes, 1949, provides that:

"The conditions mentioned in section 1.02 are the following conditions precedent:

(1) That an application setting forth an exact description of the place or tract so acquired shall be made by an authorized officer of the United States to the governor, accompanied by a plat thereof, and by proof that all conveyances and a copy of the record of all judicial proceedings necessary to the acquisition of an unincumbered title by the United States have been recorded in the office of the register of deeds of each county in which such place or tract may be situated in whole or in part.

(2) That the ceded jurisdiction shall not vest in the United States until they shall have complied with all the requirements on their part of sections 1.02 and 1.03, and shall continue so long only as the place or tract shall remain the property of the United States.

(3) That the state shall forever retain jurisdiction over every such place or tract to the extent that all legal and military process issued under the authority of the state may be served anywhere thereon, or in any building situate in whole or in part thereon."; and

WHEREAS, pursuant to said Section 1.02 the United States of America, in my opinion acquired fee simple title by purchase and condemnation proceedings to a tract of land in Townships 17, 18, and 19 North, Ranges 2 and 3 West, in Monroe County, Wisconsin; and

WHEREAS, pursuant to said Section 1.03 an exact description of the area so acquired containing 47,414.88 acres of land, more or less, and comprising a portion of the Camp McCoy military reservation, and accompanied by a plat thereof, and copies of deeds and judgments on declaration of taking certified by the Register of Deeds in the County of Monroe, in which said land is situated in whole, was submitted to the Governor of the State of Wisconsin under date of March 6, 1952.

NOW THEREFORE, it is my opinion:

1. That the United States of America is in possession of the lands and premises hereinafter particularly described for certain works or purposes provided for in the aforementioned Section 1.02 of Chapter 1, Title 1, particularly for use as a target and maneuver range and for construction of needful buildings and structures for use in connection with a military reservation officially designated as Camp McCoy, being 47,414.88 acres of land, more or less, and that such possession is under a clear and complete fee simple title, subject to existing easements for public roads and highways, public utilities, railroads and pipelines; and
2. That the land and premises that have been acquired by the United States of America for the purposes above stated are situated in the County of Monroe, State of Wisconsin, and more particularly described as follows:

All that part of Townships Seventeen (17), Eighteen (18) and Nineteen (19) North, Ranges Two (2) and Three (3) West, Fourth Principal Meridian, Monroe County, Wisconsin, more particularly described as follows:

Beginning at a point, said point being the Section corner common to Sections Twenty-seven (27), Twenty-eight (28), Thirty-three (33) and Thirty-four (34), Twp. Eighteen (18) North, Range Three (3) West; thence North along the West line of said Section Twenty-seven (27) and along the West line of Section Twenty-two (22), Twp. Eighteen (18) North, Range Three (3) West to a point in the South Quarter Quarter line of Section Twenty-one (21), Twp. Eighteen (18) North, Range Three (3) West; thence West along said Quarter Quarter line to a point in the East Quarter Quarter line of said Section Twenty-one (21); thence North along said Quarter Quarter line to a point in the East and West center line

TO THE SEVERAL PARTS OF THE LANDS OF THE STATE OF ILLINOIS
AND TO THE SEVERAL PARTS OF THE LANDS OF THE STATE OF ILLINOIS
AND TO THE SEVERAL PARTS OF THE LANDS OF THE STATE OF ILLINOIS
AND TO THE SEVERAL PARTS OF THE LANDS OF THE STATE OF ILLINOIS

of said Section Twenty-one (21); thence East along said center line to a point in the East line of said Section Twenty-one (21); thence North along said East line and the East line of Section Sixteen (16), Twp. Eighteen (18) North, Range Three (3) West to a point in the East and West center line of said Section Sixteen (16); thence West along said center line to a point in the East Quarter Quarter line of said Section Sixteen (16); thence North along said East Quarter Quarter line and the East Quarter Quarter line of Section Nine (9), Twp. Eighteen (18) North, Range Three (3) West to a point in the South Quarter Quarter line of said Section Nine (9); thence East along said Quarter Quarter line to a point in the West line of said Section Nine (9); thence North along said West line and the West line of Section Four (4), Twp. Eighteen (18) North, Range Three (3) West, and the West lines of Sections Thirty-four (34) and Twenty-seven (27), Twp. Nineteen (19) North, Range Three (3) West to the Southeast corner of Section Twenty-one (21), Twp. Nineteen (19) North, Range Three (3) West; thence West along the South line of said Section Twenty-one (21) to the East Quarter Quarter line of said Section Twenty-one (21); thence North along said East Quarter Quarter line to a point in the North line of said Section Twenty-one (21); thence East along said North line to the Northeast corner of said Section Twenty-one (21); thence North along the West Section lines of Sections Fifteen (15) and Ten (10), Twp. Nineteen (19) North, Range Three (3) West to the Northwest corner of said Section Ten (10); thence East along the North lines of said Section Ten (10) and Section Eleven (11), Twp. Nineteen (19) North, Range Three (3) West to the West Quarter Quarter line of said Section Eleven (11); thence South along said Quarter Quarter line to a point in the East and West center line of said Section Eleven (11); thence East along said center line to a point in the North and South center line of said Section Eleven (11); thence South along said center line to a point in the South line of said Section Eleven (11); thence East along said Section line and the South Section line of Section Twelve (12), Twp. Nineteen (19) North, Range Three (3) West, to the North and South center line of said Section Twelve (12); thence North along said center line to a point in the East and West center line of said Section Twelve (12); thence East along said center line to a point in the West line of said Section Twelve (12); thence North along said West line and the West line of Section Six (6), Twp. Nineteen (19) North, Range Three (3) West, to Northwest corner of said Section Six (6); thence East along the North lines of said Section Six (6) and Sections Five (5) and Four (4), Twp. Nineteen (19) North, Range Two (2) West to the Northeast corner of said Section Four (4); thence South along the East Lines of said Section Four (4) and Section Nine (9), Twp. Nineteen (19) North, Range Two (2) West, to the East and West center line of said Section Nine (9); thence West along said center line to a point in the East Quarter Quarter line of said Section Nine (9); thence South along said Quarter Quarter line to a point in the South Quarter Quarter line of said Section Nine (9); thence East along said Quarter Quarter line to a point in the East line of said Section Nine (9); thence South along said East line and the East line of Section Sixteen (16), Township Nineteen (19) North, Range Two (2) West, to the East and West center line of Section Fifteen (15), Twp. Nineteen (19) North, Range Two (2) West; thence East along said center line to a point in the West Quarter Quarter line of said Section Fifteen (15); thence South along said Quarter Quarter line to a point in the South line of said Section Fifteen (15); thence West

along said South line to the Northeast corner of Section Twenty-one (21), Twp. Nineteen (19) North, Range Two (2) West; thence South along the East lines of said Section Twenty-one (21) and Section Twenty-eight (28), Twp. Nineteen (19) North, Range Two (2) West to the East and West center line of said Section Twenty-eight (28); thence West along said center line to a point in the East Quarter Quarter line of said Section Twenty-eight (28); thence South along said Quarter Quarter line to a point in the South Quarter Quarter line of said Section Twenty-eight (28); thence West along said Quarter Quarter line to a point in the North and South center line of said Section Twenty-eight (28); thence South along said center line and the North and South center line of Section Thirty-Three (33), Township Nineteen (19) North, Range Two (2) West to a point in the North quarter quarter line of said Section Thirty-Three (33); thence East along said quarter quarter line to the East line of the West twenty-two (22) acres of the Southwest Quarter (SW $\frac{1}{4}$) of the Northeast Quarter (NE $\frac{1}{4}$) of said Section Thirty-Three (33); thence south along said East line to a point in the East and West center line of said Section Thirty-Three (33); thence East along said center line to a point in the East line of said Section Thirty-Three (33); thence South along said East line to the South quarter quarter line of said Section Thirty-Three (33); thence West six (6) rods along said quarter quarter line to a point on a line lying six (6) rods West of and parallel to said East line of Section Thirty-Three (33); thence South along said line to a point on the Northerly line of a private road known as Franklin Road; thence northwesterly along said Northerly line of Franklin Road to the point of intersection of said Northerly line with the Southerly line of the highway which runs through the Northeast Quarter (NE $\frac{1}{4}$) of the Southeast Quarter (SE $\frac{1}{4}$) of said Section Thirty-Three (33); thence Southwesterly along said Southerly line of said highway to the intersection of said Southerly line with the Southerly line of aforesaid Franklin Road; thence Southeasterly along said Southerly line of Franklin Road to a point on a line lying six (6) rods West of and parallel to the East line of said Section Thirty-Three (33); thence South along said line to a point which is forty (40) rods North of the South line of said Section Thirty-Three (33); thence East six (6) rods to a point on the East line of said Section Thirty-Three (33); thence South along said East line to the Northeast corner of Section Four (4), Township Eighteen (18) North, Range Two (2) West; thence continuing South along the East line of said Section Four (4) to the North quarter quarter line of said Section Four (4); thence West along said quarter quarter line to a point on the North and South center line of said Section Four (4); thence South along said center line to a point in the North line of Section Nine (9), Township Eighteen (18) North, Range Two (2) West; thence West along said North line to the West quarter quarter line of said Section Nine (9); thence South along said quarter quarter line to a point in the North quarter quarter line of said Section Nine (9); thence East along said quarter quarter line to a point in the north and south center line of said Section Nine (9); thence South along said center line to a point in the North line of Section Sixteen (16), Township Eighteen (18) North, Range Two (2) West; thence West along said North line to the West quarter quarter line of said Section Sixteen (16); thence South along said quarter quarter line and the West quarter quarter line of Section Twenty-One (21), Township Eighteen (18) North, Range Two (2) West to a point in the North line of Section Twenty-Eight (28), Township Eighteen (18) North, Range Two (2) West; thence West along said North line to the Northwest corner of said Section Twenty-Eight (28); thence South along the West line of said Section Twenty-Eight (28) to the North quarter quarter line of Section Twenty-Nine (29), Township Eighteen (18) North, Range

Two (2) West; thence West one (1) rod along said quarter quarter line to a point on a line lying one (1) rod West of and parallel to the East line of said Section Twenty-Nine (29); thence South along said line to the East and West center line of said Section Twenty-Nine (29); thence West along said center line and the East and West center lines of Section Thirty (30), Township Eighteen (18) North, Range Two (2) West, and Section Twenty-Five (25), Township Eighteen (18) North, Range Three (3) West to a point on the East line of Section Twenty-Six (26), Township Eighteen (18) North, Range Three (3) West; thence South along said East line to the South quarter quarter line of said Section Twenty-Six (26); thence West along said quarter quarter line to a point on the North and South center line of said Section Twenty-Six (26); thence South along said center line and the North and South center line of Section Thirty-Five (35), Township Eighteen (18) North, Range Three (3) West to a point on the East and West center line of said Section Thirty-Five (35); thence West along said center line to a point on the West quarter quarter line of said Section Thirty-Five (35); thence South along said quarter quarter line to a point in the Southerly right-of-way line of the Chicago, Milwaukee, St. Paul and Pacific Railroad Company; thence in a Southwesterly direction, three thousand and ten (3,010) feet, more or less, along said Southerly right-of-way line through Sections Thirty-Five (35) and Thirty-Four (34), Township Eighteen (18) North, Range Three (3) West to a point in the South line of said Section Thirty-Four (34); thence West one thousand three hundred twenty (1,320) feet, more or less, along said South line, crossing the rights-of-way of the Chicago, Milwaukee, St. Paul and Pacific Railroad Company and the Chicago and North-Western Railway Company, to a point in the North and South Center line of Section Three (3), Township Seventeen (17) North, Range Three (3) West; thence South seven hundred twenty-two (722) feet, more or less, along said center line, crossing the rights-of-way of said railway companies to a point in the aforesaid Southerly right-of-way line; thence in a Southwesterly direction along said Southerly right-of-way line to a point in the West line of said Section Three (3); thence North along said West line and the West line of Section Thirty-Four (34), Twp. Eighteen (18) North, Range Three (3) West to the South Quarter Quarter line of said Section Thirty-Four (34); thence East along said Quarter Quarter line to a point in the North and South center line of said Section Thirty-four (34); thence North along said center line to a point in the North Quarter Quarter line of said Section Thirty-four (34); thence West along said Quarter Quarter line to a point in the West Quarter Quarter line of said Section Thirty-four (34); thence North along said Quarter Quarter line to a point in the North line of said Section Thirty-four (34); thence West along said North line to the point of beginning.

Excepting from the above described parcel the Southwest Quarter (SW $\frac{1}{4}$) of the Northeast Quarter (NE $\frac{1}{4}$) of Section Six (6), Township Nineteen (19) North, Range Two (2) West; the rights-of-way of the Chicago, Milwaukee, St. Paul and Pacific Railroad Company and the Chicago and Northwestern Railway Company; and the following described parcel:

Beginning at the Southeast corner of the Southeast Quarter (SE $\frac{1}{4}$) of the Northeast Quarter (NE $\frac{1}{4}$) of Section Twenty-seven (27), Township Eighteen (18) North, Range Three (3) West; thence West Ten (10) rods along the East and West center line of said Section Twenty-seven (27); thence North Ten (10) rods; thence East Ten (10) rods; thence South Ten (10) rods, to the point of beginning.

Also, beginning at a point, said point being the Section corner common to Sections Three (3), Four (4), Nine (9) and Ten (10), Township Eighteen (18) North, Range Two (2) West; thence East along the North line of said Section Ten (10) to the East Quarter Quarter line of said Section Ten (10); thence South along said Quarter Quarter line to a point in the East and West center line of said Section Ten (10); thence West along said center line to a point in the West line of said Section Ten (10); thence North along said West line to the North Quarter Quarter line of aforesaid Section Nine (9); thence West along said Quarter Quarter line to a point in the East Quarter Quarter line of said Section Nine (9); thence North along said Quarter Quarter line to a point in the North line of said Section Nine (9); thence East along said North line to the point of beginning.

Also, beginning at a point, said point being the Section corner common to Sections Fifteen (15), Sixteen (16), Twenty-one (21) and Twenty-two (22), Township Eighteen (18) North, Range Two (2) West; thence West along the South line of said Section Sixteen (16) to the North and South center line of said Section Sixteen (16); thence North along said center line to a point in the east and west center line of said Section Sixteen (16); thence East along said center line to a point in the East Quarter Quarter line of said Section Sixteen (16); thence North along said Quarter Quarter line to a point in the North Quarter Quarter line of said Section Sixteen (16); thence East along said Quarter Quarter line to a point in the East line of said Section Sixteen (16); thence South along said East line to the point of beginning.

Also, beginning at the Northeast corner of the Northeast Quarter ($NE\frac{1}{4}$) of the Southeast Quarter ($SE\frac{1}{4}$) of Section Eighteen (18), Township Seventeen (17) North, Range Two (2) West; thence West, Fifteen (15) chains, on the Quarter line; thence South, Eight (8) chains; thence East, Fifteen (15) chains; thence North, Eight (8) chains, to the point of beginning.

Also, beginning at the Southeast corner of the Southwest Quarter ($SW\frac{1}{4}$) of the Northwest Quarter ($NW\frac{1}{4}$), Section Ten (10), Twp. Seventeen (17) North, Range Two (2) West; thence North along the West Quarter Quarter line of said Section Ten (10) to a point, said point being the center of the Northwest Quarter ($NW\frac{1}{4}$) of said Section Ten (10); thence West, along the North Quarter Quarter line of said Section Ten (10) and the North Quarter Quarter line of Section Nine (9), Township Seventeen (17) North, Range Two (2) West, to a point, said point being the center of the Northeast Quarter ($NE\frac{1}{4}$) of said Section Nine (9); thence South, along the East Quarter Quarter line of said Section Nine (9) and the East Quarter Quarter line of Section Sixteen (16), Twp. Seventeen (17) North, Range Two (2) West, to a point in the East and West center line of said Section Sixteen (16); thence due West, along said East and West center line, to a point, said point being the center of said Section Sixteen (16); thence due North, Nine Hundred Ninety (990) feet, more or less, along the center line of said Section Sixteen (16), to a point in the South line of the North One Hundred (100) acres of the Northwest Quarter ($NW\frac{1}{4}$) of said Section Sixteen (16); thence due West, along said South line of said North One Hundred (100) acres, to a point in the West line of said Section Sixteen (16); thence due North, along said West line, to a point in the North Quarter Quarter line of Section Seventeen (17), Township Seventeen (17) North, Range Two (2) West; thence due West, along said North Quarter Quarter line, to a point in a North and South

line drawn parallel to and Sixty-four (64) rods East of the East Quarter Quarter line of said Section Seventeen (17); thence due South, Twenty (20) rods, along said North and South line, to a point; thence due West, Sixty-four (64) rods, to a point in the East Quarter Quarter line of said Section Seventeen (17); thence due South, along said East Quarter Quarter line to a point in the East and West center line of said Section Seventeen (17); thence due East, along said East and West center line, to a point in the East line of said Section Seventeen (17); thence due South, along said East line, to a point in the South Quarter Quarter line of said Section Seventeen (17); thence due West, along said South Quarter Quarter line and the South Quarter Quarter line of Section Eighteen (18), Twp. Seventeen (17) North, Range Two (2) West, and the South Quarter Quarter line of Section Thirteen (13), Twp. Seventeen (17) North, Range Three (3) West, to a point in the North and South center line of said Section Thirteen (13); thence due North, along said North and South center line, to a point, said point being the center of said Section Thirteen (13); thence due West, along the East and West center line of said Section Thirteen (13) to a point in the West Quarter Quarter line of said Section Thirteen (13); thence due North, along said West Quarter Quarter line, to a point in the North line of said Section Thirteen (13); thence due West, along said North line and the North line of Section Fourteen (14), Twp. Seventeen (17) North, Range Three (3) West, to a point in the North and South center line of said Section Fourteen (14); thence due South, One Thousand Three Hundred Twenty (1,320) feet, more or less, along said North and South center line, to a point in the North side of road running through said Section Fourteen (14); thence Northwesterly, Two Thousand Nine Hundred Fifty (2,950) feet, more or less, along the Northerly side of said road, to a point, said point being the Northwest corner of said Section Fourteen (14); thence due West, along the South line of Section Ten (10), Twp. Seventeen (17) North, Range Three (3) West, to a point in the West Quarter Quarter line of said Section Ten (10); thence due North, along said West Quarter Quarter line, to a point, said point being the center of the Southwest Quarter ($SW\frac{1}{4}$) of said Section Ten (10); thence due West, along the South Quarter Quarter line of said Section Ten (10), to a point in the west line of said Section Ten (10); thence due North, along said West line, to a point in the North Quarter Quarter line of Section Nine (9), Twp. Seventeen (17) North, Range Three (3) West; thence due West, along said North Quarter Quarter line, to a point, said point being the center of the Northeast Quarter ($NE\frac{1}{4}$) of said Section Nine (9); thence due North, along the East Quarter Quarter line of said Section Nine (9), to a point in the North line of said Section Nine (9); thence West, along said North line, to a point, said point being the intersection of the North and South center line and the South line of Section Four (4), Township Seventeen (17) North, Range Three (3) West; thence in a Southwesterly direction along said Southerly railroad right-of-way line across said Section Nine (9) and Section Eight (8), Township Seventeen (17) North, Range Three (3) West, to a point on the North line of Section Seventeen (17), Twp. Seventeen (17) North, Range Three (3) West; thence East along said North line to the Northeast corner of said Section Seventeen (17); thence South along the East line of said Section Seventeen (17) to the East and West center line of said Section Seventeen (17); thence West along said center line to a point in the North and South center line of said Section Seventeen (17); thence South along said center line to a point on the North line of Section Twenty (20), Twp. Seventeen (17) North, Range Three (3) West; thence West along said North line to the West Quarter Quarter line of

Section Twenty (20); thence South along said Quarter Quarter line to a point in the South Quarter Quarter line of said Section Twenty (20); thence East along said Quarter Quarter line to a point in the North and South center line of said Section Twenty (20); thence South along said center line to a point in the North line of Section Twenty-nine (29); Twp. Seventeen (17) North, Range Three (3) West; thence West along said North line to the West Quarter Quarter line of said Section Twenty-nine (29); thence South along said Quarter Quarter line to a point in the East and West center line of said Section Twenty-nine (29); thence East along said center line to a point in the North and South center line of said Section Twenty-nine (29); thence South along said center line to a point in the South Quarter Quarter line of said Section Twenty-nine (29); thence West along said Quarter Quarter line to a point in the West Quarter Quarter line of said Section Twenty-nine (29); thence South along said Quarter Quarter line to a point in the North line of Section Thirty-two (32), Twp. Seventeen (17) North, Range Three (3) West; thence East along said North line to the North and South center line of said Section Thirty-two (32); thence South along said center line to a point in the North Quarter Quarter line of said Section Thirty-two (32); thence East along said Quarter Quarter line to a point in the West line of Section Thirty-three (33), Twp. Seventeen (17) North, Range Three (3) West; thence North along said West line to a point, said point being Four Hundred Twelve (412) feet South of the Northwest corner of said Section Thirty-three (33); thence due East Four Hundred Fifty-two (452) feet to a point; thence South Thirty-two Degrees, Forty-five Minutes East (S 32°45' E) Four Hundred Seventy (470) feet to a point; thence continuing South Forty-five Degrees, Fifteen Minutes East (S 45°15' E) Four Hundred Twenty-eight (428) feet; thence South Fifty-three Degrees, Forty-five Minutes East (S 53°45' E) Three Hundred (300) feet; thence due East Sixty (60) feet to a point in West Quarter Quarter line, said point being One Thousand Three Hundred Four (1,304) feet South of the North line of said Section Thirty-three (33), Township Seventeen (17) North, Range Three (3) West; thence South along said Quarter Quarter line to a point in the East and West center line of said Section Thirty-three (33); thence East along said center line to a point in the North and South center line of said Section Thirty-three (33); thence South along said center line to a point in the South Quarter Quarter line of said Section Thirty-three (33); thence East along said Quarter Quarter line and the South Quarter Quarter line of Section Thirty-four (34), Twp. Seventeen (17) North, Range Three (3) West, to a point in the North and South center line of said Section Thirty-four (34); thence South along said center line to a point in the South line of said Section Thirty-four (34); thence East along said South line to the Southeast corner of said Section Thirty-four (34); thence North along the East line of said Section Thirty-four (34) to the North Quarter Quarter line of said Section Thirty-four (34); thence West along said Quarter Quarter line to a point in the North Quarter Quarter line of said Section Thirty-four (34); thence North along said Quarter Quarter line to a point in the North line of said Section Thirty-four (34); thence West along said North line to the Southeast corner of Section Twenty-eight (28), Twp. Seventeen (17) North, Range Three (3) West; thence North along the East lines of said Section Twenty-eight (28) and Section Twenty-one (21), Twp. Seventeen (17) North, Range Three (3) West, to the South Quarter Quarter line of Section Twenty-two (22), Twp. Seventeen (17) North, Range Three (3) West; thence East along said Quarter Quarter line to a point in the West Quarter Quarter line of said Section Twenty-two (22); thence North along said Quarter Quarter

line to a point in the East and West center line of said Section Twenty-two (22); thence East along said center line to a point in the West line of Section Twenty-three (23), Twp. Seventeen (17) North, Range Three (3) West; thence South along said West line to the North line of the South Half ($S\frac{1}{2}$) of the Northwest Quarter ($NW\frac{1}{4}$) of the Southwest Quarter ($SW\frac{1}{4}$); thence East along said North line to a point in the West Quarter Quarter line of said Section Twenty-three (23); thence South along said Quarter Quarter line to a point in the center line of Old United States Highway No. Sixteen (16), which is equal to Station 851 + 00 of Wisconsin Highway Commission Road Plans of Project Number 325-A; thence Easterly along said centerline on a curve to the left of Two Thousand Eight Hundred Sixty-four and Nine Tenths (2,864.9) feet radius, a distance of One Thousand Three Hundred Sixty-two (1,362) feet to a point, said point being the intersection of the North and South center line of said Section Twenty-three (23) with the center line of aforesaid highway, which is equal to Station 837 + 98 of said highway plans; thence East along South Quarter Quarter line of Section Twenty-three (23) and the South Quarter Quarter line of Section Twenty-four (24), Twp. Seventeen (17) North, Range Three (3) West, to a point in the North and South center line of said Section Twenty-four (24); thence North along said center line to a point on a line lying One Hundred Twenty-six (126) feet Northerly of and parallel to the center line of New United States Highway No. Sixteen (16) as now located; thence Easterly along said line to a point in the East Quarter Quarter line of said Section Twenty-four (24); thence South along said Quarter Quarter line to a point on the North right-of-way line of New United States Highway No. Sixteen (16); thence in a Southeasterly direction along said North right-of-way line to a point in the West line of Section Nineteen (19), Township Seventeen (17) North, Range Two (2) West; thence South along said West line to the North Quarter Quarter line of said Section Nineteen (19); thence East along said Quarter Quarter line to a point in the North and South center line of said Section Nineteen (19); thence South along said center line to a point in the North right-of-way line of Old Highway Sixteen (16); thence Northeasterly along said North right-of-way line to a point in the West line of Section Twenty (20), Township Seventeen (17) North, Range Two (2) West; thence South along said West line to the Northwest corner of Section Twenty-nine (29), Township Seventeen (17) North, Range Two (2) West; thence East along the North line of said Section Twenty-nine (29) to the West Quarter Quarter line of said Section Twenty-nine (29); thence South along said Quarter Quarter line to a point in the North Quarter Quarter line; thence East along said Quarter Quarter line and the North Quarter Quarter line of Section Twenty-eight (28), Township Seventeen (17) North, Range Two (2) West to a point in the West Quarter Quarter line of said Section Twenty-eight (28); thence North along said Quarter Quarter line to a point in the South line of Section Twenty-one (21), Township Seventeen (17) North, Range Two (2) West; thence East along said South line to the East Quarter Quarter line of said Section Twenty-one (21); thence North along said Quarter Quarter line to a point in the South Quarter Quarter line of said Section Twenty-one (21); thence East along said Quarter Quarter line to a point in the East line of said Section Twenty-one (21); thence North along said East line and the West line of Section Fifteen (15), Township Seventeen (17) North, Range Two (2) West, to the East and West center line of said Section Fifteen (15); thence East along center line to a point in the West Quarter Quarter line of said Section Fifteen (15); thence North along said Quarter

A.L. (21)-
 112-89. 2
 Position of 1924
 West of 1924
 112-89-2
 112-89-2

Quarter line to a point in the North Quarter Quarter line of said Section Fifteen (15); thence East along said Quarter Quarter line to a point in the North and South center line of said Section Fifteen (15); thence North along said center line to a point in the South line of Section Ten (10), Township Seventeen (17) North, Range Two (2) West; thence West along said South line to the Southwest corner of said Section Ten (10); thence North along the West line of said Section Ten (10) to the East and West center line of said Section Ten (10); thence East along said center line to the Southeast corner of the Southwest Quarter (SW $\frac{1}{4}$) of the Northwest Quarter (NW $\frac{1}{4}$) of said Section Ten (10), said corner being the point of beginning.

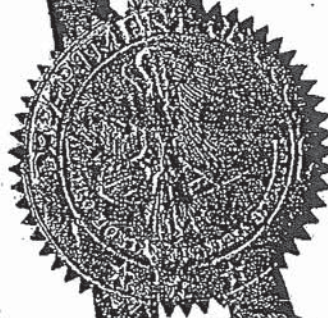
Excepting from the above described parcel the right-of-way of new U. S. Highway No. 16.

Containing within the limits above described 47,414.88 acres of land, more or less.

IN WITNESS WHEREOF, I have hereunto set my hand and caused the

seal of the Department of Justice to be affixed this 22nd

day of September, A.D., 1952.


James S. McInerney
Attorney General of the United States

**RESPONSIBLE PARTY AFFIRMATION OF PROPERTY DESCRIPTIONS
CLOSED LANDFILL #3
FORT MCCOY, MONROE COUNTY, WI**

The following affirmation by the responsible party is required by Wisconsin Administrative Code, ch. NR 726.05 paragraph (3)(b)4.f.

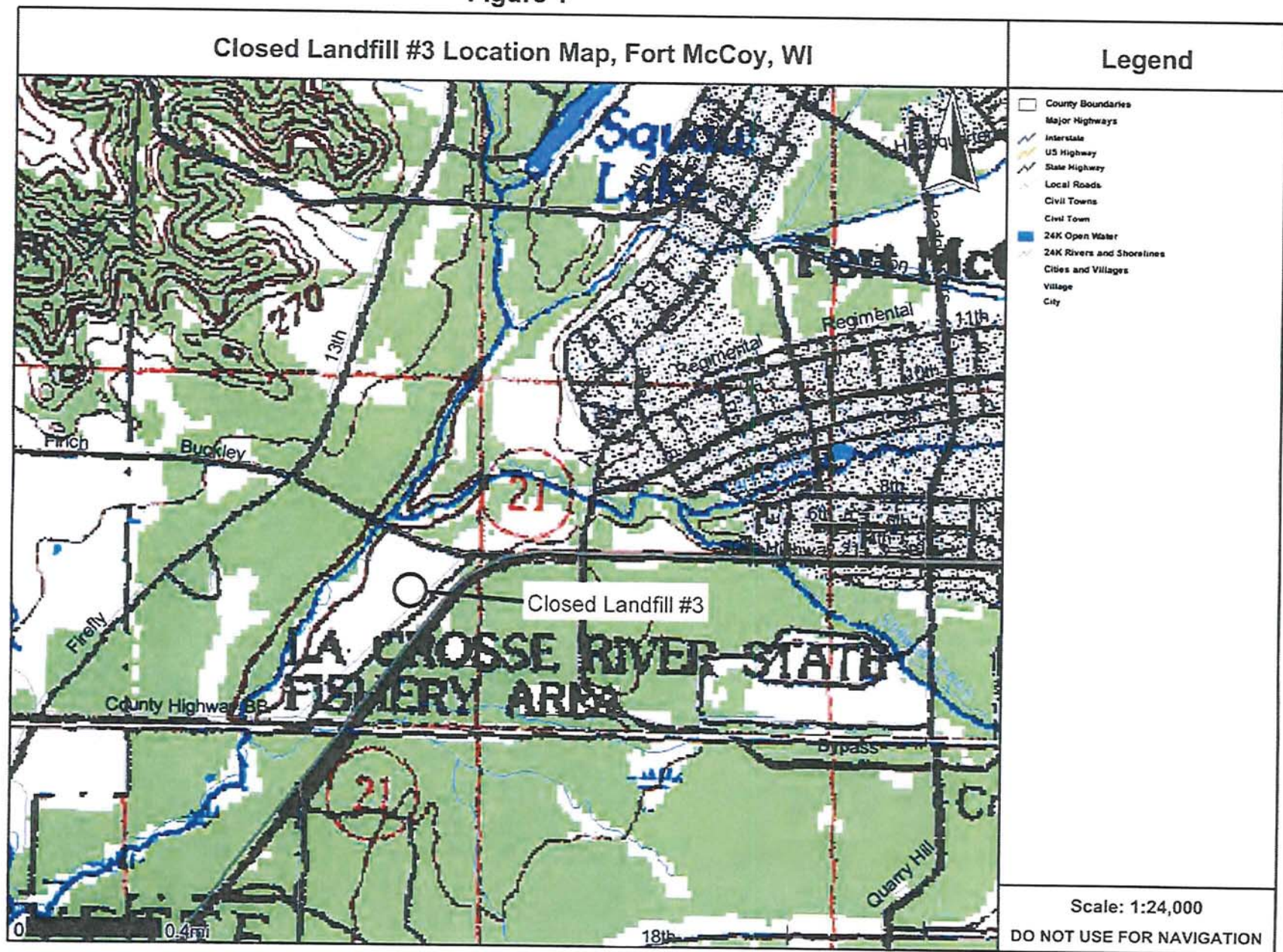
I hereby affirm the following:

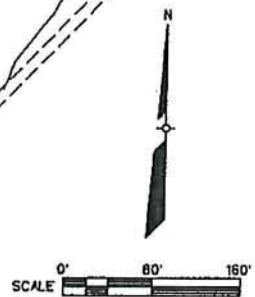
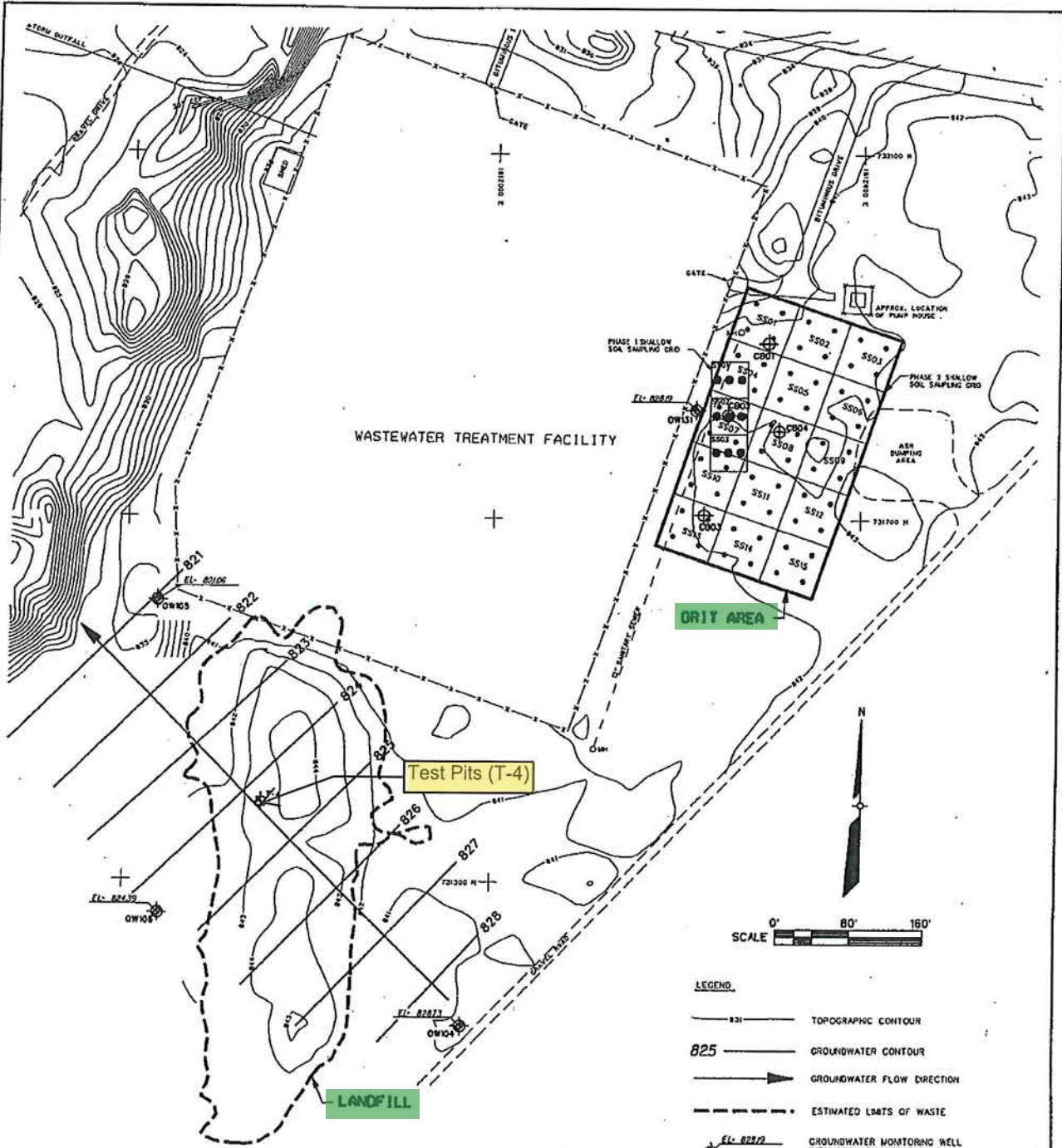
1. I believe that legal descriptions for all of the properties within or partially within the contaminated site's boundaries that have soil contamination exceeding generic residual contaminant levels as determined under ss. NR 720.09, 720.11 and 720.19, and groundwater contamination exceeding the enforcement standards as determined under ss. NR 140 at the time that case closure was requested, other than public street or highway rights-of-way or railroad rights-of-way, have been submitted to the agency with administrative authority for the site, either as an attachment to the site investigation report or as part of the groundwater GIS registry attachment to the case close out report.

Alan L. Balliett on behalf
Alan Balliett (Responsible Party)
of Fort McCoy

May 14, 2008
(Date)

Figure 1





- LEGEND**
- 821 — TOPOGRAPHIC CONTOUR
 - 825 — GROUNDWATER CONTOUR
 - GROUNDWATER FLOW DIRECTION
 - - - ESTIMATED LIMITS OF WASTE
 - ⊕ EL. 822.72 GROUNDWATER MONITORING WELL WITH GROUNDWATER ELEVATION IN FEET ABOVE MEAN SEA LEVEL
 - ⊕ OW105
 - ⊕ T-4 TEST PIT - PHASE 2
 - SS01 SHALLOW SOIL SUBSAMPLE LOCATION - PHASE 1
 - SS01 SHALLOW SOIL SUBSAMPLE LOCATION - PHASE 2
 - ⊕ CB01 CHEMICAL BORING - PHASE 2
 - MH MANNHOLE

- NOTES:**
1. GROUNDWATER TABLE ELEVATIONS AND CONTOURS ARE DERIVED FROM THE PHASE 3 INVESTIGATION.
 2. LIMITS OF WASTE DETERMINED FROM GEOPHYSICAL SURVEY QUADRATURE CONTOUR MAP ASSUMING WASTE IS INDICATED BY AREAS HAVING CONDUCTIVITY OF 2 MHMDS/M OR MORE.
 3. LIMITS OF WASTE ARE ESTIMATED OUTSIDE OF THE GEOPHYSICAL SURVEY AREA.

3007/201/Project/1000587/135m.dwg



MAY 1994

18903

Figure 5
CLOSED LANDFILL 3
SAMPLE LOCATIONS AND WATER TABLE MAP
 FORT McCOY RFI
 MONROE COUNTY, WISCONSIN

L-11474

Table 1
Grit Area Sample from Wastewater Treatment Plant
Fort McCoy, WI

Analyte	G-01-01	Background	RSL (Industrial - ingestion and/or dermal)	*NR 720 RCL (Ingestion)	NR 720 GRCL (Table 2)
	0-2 Feet				
	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
VOLATILE COMPOUNDS					
Acetone	0.19J	<0.024	920,000 (nca)	920,000 (nca)	-
Methyl ethyl ketone	0.017J	<0.005	610,000 (nca)	613,000 (nca)	-
SEMI-VOLATILE COMPOUNDS					
4-Methyl phenol	1.1	<0.34	-	-	-
Butyl benzyl phalate	12.0	<0.34	1,500 (ca)	204,000 (nca)	-
Chrysene	0.56J	<0.34	-	392 (nca)	-
Fluoranthene	5.0J	<0.34	-	40,900 (nca)	-
Pyrene	0.57J	<0.34	31,000 (nca)	30,700 (nca)	-
ORHTO-PHOSPHORUS PESTICIDE					
Coumaphos	0.124J	<0.002	-	-	-
METALS					
Arsenic	1.1	0.486	1.9 (ca)	1.91 (ca)	1.6 (ca)
Cadmium	3.0	<0.102	4,000 (nca)	1,020 (nca)	510 (nca)
Chromium	1.8	1.486	3,100 (nca)	3,070 (nca)	200 (nca)
Lead	28.2	1.594	-	-	500 (nca)
Mercury	0.48	0.003	160 (nca)	-	-

NOTES:

BG-SS-01, BG-SS-03 were averaged for the background sample at CL3 Grit Area.

Results are shown for all samples if, for any sample interval, the analysis is above background or the background sample had a "U" qualifier for that analyte.

Wasterwater treatment plant is located on Fort McCoy property.

J = Estimated.

Results below detection limits are shown as less than the detection limit for that analyte.

* Reference : PUB-RR-682 (Calculation based on WI defaults) and Attachment A to Table 2.

(ca) Carcinogenic (nca) Noncarcinogenic

Table 3
Grit Area Phase 2 Surface Soil Samples
(units = mg/Kg)

	Volatile Compounds		Metals										
	Acetone	Methylene Chloride	Aluminum	Arsenic	Calcium	Chromium	Lead	Iron	Magnesium	Manganese	Silver	Sodium	Zinc
Background	<.024	<.002	1508.6	0.486	278.7	1.487	1.59	1,460	209.5	63.5	<.204	11.05	5.58
RSL (industrial - dermal and/or ingestion)	920,000 (nca)	380 (nca)	1,000,000 (nca)	9.6 (ca)	No Value	3,100 (nca)	No Value	720,000 (nca)	No Value	25,000 (nca)	5,100 (nca)	No Value	310,000 (nca)
NR720 RCL*	920,000 (nca)	382 (ca)	1,020,000 (nca)	1.91 (ca)	No Value	3,070 (nca)	No Value	No Value	No Value	47,000 (nca)	5,110 (nca)	No Value	307,000 (nca)
NR720 GRCL	-	-	-	1.6 (ca)	-	200 (nca)	500 (nca)	-	-	-	-	-	-
0-2 ft.													
SS-01-01	<0.005	<0.005	919J	<0.41	357	<1.2	10	1,400J	123	118	<0.21	65.7	15.1
SS-01-02	<0.002	0.001J	1,205J	<0.41	2,170	<1.2	5	1,610J	184	91.6	0.270J	57.5	56.1
SS-02-01	<0.006	<0.005	1,020J	<0.41	237	2.7	3.3	1,440J	116	111	<0.21	<20.4	6.2
SS-02-02	<0.008	0.001J	1,210J	0.43	265	<1.2	3	1,930J	136	154	<0.21	22.4	9.3
SS-03-01	<0.010	<0.001	1,140J	0.56	228.00	<1.2	1.6	1,630J	122	91.6	<0.21	61.3	4.1
SS-03-02	<0.004	0.001J	1,180J	<0.41	251	1.2	1.8	1,670J	116	111	<0.21	<62.1	4.9
SS-04-01	<0.032	0.002J	544J	<0.41	368	1.2	4.6	1,090J	150	1080	0.14J	35.5	10.5
SS-05-01	<0.010	<0.002	521J	<0.41	264	1.2	3.5	1,080J	97	62.8	0.31J	29.7	20
SS-06-01	<0.010	<0.003	1,520J	0.64	276	1.2	2	2,000J	159	104	<0.21	<46.5	6.8
SS-07-01	0.003J	<0.004	909J	<0.41	364	<1.2	2.6	1,200	153	63.6	<0.54	51.8	20.5
SS-08-01	<0.010	<0.003	1,330J	.56J	1,420	<1.2	3.9	1,650	169	83.1	<0.23	25.2	31.6
SS-09-01	70.00J	<0.010	1,440J	0.48	971	1.7	1.9	2,590J	170	110	<0.21	31.7	19.9
SS-10-01	<0.01	0.001J	860J	<0.41	-	2.1	3.1	13.7J	255	75.5	<0.21		8.6
SS-11-01	0.004J	<0.005	1,180J	<0.41	-	<1.2	1.9	1,760J	139	87.6	<0.21		25.9
SS-12-01	0.003J	0.002J	1,280J	<0.41	-	<1.2	2.3	1,950J	147	137	<0.21		14.3
SS-13-01	0.003J	0.001J	1,580J	<0.41	-	<1.2	1.9	2,060J	161	127	<0.21		8
SS-14-01	0.002J	0.002J	1,830J	<0.41	-	1.2	1.9	2,110J	196	106	<0.21		7.2
SS-15-01	0.003J	0.003J	2,570J	0.5	-	3.3	1.8	2,780	259	192	<0.21		8.2

* Reference : PUB-RR-682 (Calculation based on WI defaults)

(ca) Carcinogenic

(nca) Noncarcinogenic

Table 4
Grit Area Deep Soil Samples
(units = mg/Kg)

	Volatile Compounds				Metals	
	Acetone	Chlorobenzene	Methylene Chloride	Tetrachloroethylene	Chromium	Zinc
Background	<.024	<.05	<.002	<.005	1.487	5.58
RSL (industrial - dermal and/or ingestion)	920,000 (nca)	20,000 (nca)	380 (nca)	5.3 (ca)	3,100 (nca)	310,000 (nca)
NR720 RCL*	920,000 (nca)	20,400 (nca)	382 (ca)	55 (ca)	3,070 (nca)	307,000 (nca)
NR720 GRCL	-	-	-	-	200.0	-
4-15 ft.						
CB-01-01	0.260	0.006J	0.009J	<0.026	1.400	<3.100
CB-01-02	0.028	<0.005	<0.005	<0.005	1.800	<3.100
CB-01-03	0.018	<0.006	0.003J	<0.006	1.800	54
CB-02-01	0.088	<0.005	<0.005	0.002J	<1.200	300
CB-02-02	0.180	0.005	0.002J	<0.005	1.800	819
CB-02-03	0.210J	0.006	<0.006	<0.006	<1.400	<3.400
CB-03-01	0.110J	<0.005	<0.005	<0.005	3.3	262
CB-03-02	1.000J	<0.026	<0.026	<0.026	<1.2	654
CB-03-03	0.210J	<0.005	<0.005	<0.005	<1.9	<3.1
CB-04-01	0.043J	<0.005	<0.005	<0.005	1.8	305
CB-04-02	0.015J	<0.005	<0.005	<0.005	1.2	10.6
CB-04-03	0.110J	<0.005	<0.005	<0.005	<3	<3.1

* Reference : PUB-RR-682 (Calculation based on WI defaults)

(ca) Carcinogenic

(nca) Noncarcinogenic

Table 5
 Closed Landfill #3
 Test Pit Soil Samples
 Fort McCoy, WI

Analyte	TP-04-01	TP-04-02	Background	RSL (Industrial - ingestion and/or dermal)	*NR 720 RCL (Ingestion)	NR 720 GRCL (Table 2)
	6-8 Feet	10-12 Feet				
	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
SEMI-VOLATILE COMPOUNDS						
2-Methylnaphthalene	0.082 J	<0.35	<0.34	-	71,500 (nca)	-
Benzo(a)anthracene	0.099 J	<0.35	<0.34	-	3.92 (ca)	3.9 (ca)
Benzo(a)pyrene	0.066 J	<0.35	<0.34	-	0.392 (ca)	0.39 (ca)
Benzo(b)fluoranthene	0.22 J	<0.35	<0.34	-	3.92 (ca)	3.9 (ca)
Benzo(g,h,i)perylene	0.105 J	<0.35	<0.34	-	39 (ca)	-
Chrysene	0.12 J	<0.35	<0.34	-	87.5 (nca)	-
Fluoranthene	0.099 J	0.080 J	<0.34	-	40,900 (nca)	-
Indeno(1,2,3-cd)pyrene	0.12 J	<0.35	<0.34	-	3.92 (ca)	-
Naphthalene	0.042 J	<0.35	<0.34	-	20,400 (nca)	-
Phenanthrene	0.15 J	0.12 J	<0.34	-	390 (ca)	-
Pyrene	0.1 J	0.5 J	<0.34	-	30,700 (nca)	-
METALS						
Aluminium	2,570	886	1508.6	1,000,000 (nca)	1,020,000 (nca)	-
Arsenic	6.3	<0.41	0.486	1.9 (ca)	1.91 (ca)	1.6 (ca)
Chromium	9	<1.2	1.487 J	3,100 (nca)	3,070 (nca)	200 (nca)
Copper	27.8	<3.5	0.676	41000 (nca)	-	-
Lead	172	10.2	1.594	-	-	500 (nca)
Magnesium**	471	112	209.5	-	-	-
Selenium	0.62 J	<0.41	0.112	5100 (nca)	5110 (nca)	-

*Reference: PUB-RR-682 (Calculation based on WI defaults) and Attachment A to Table 2

**Paramater has no PRG or RCL clean-up values

Reference: SEC Donohue, RCRA Facility Investigation Fort McCoy Military Reservation, November 1994

(na) Carcinogenic (nca) Noncarcinogenic

Table 9
Grit Area Phase 2 Soil Sampling Comparison
Fort McCoy, WI

Surface Sampling Results 0 - 2 ft

	Maximum Concentration ⁽¹⁾	Background	RSL (Industrial - dermal and/or ingestion) ⁽²⁾	NR 720 GRCL (Table 2)	NR 720 RCL (Ingestion) ⁽³⁾
	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Volatile Compounds					
Acetone	0.004	<.024	920,000 (nca)	-	920,000 (nca)
Methylene Chloride	0.003	<.002	380 (ca)	-	382 (ca)
Metals					
Aluminum	2,570	1508.6	1,000,000 (nca)	-	1,020,000 (nca)
Arsenic	0.64	0.486	1.9 (ca)	1.6 (ca)	1.91 (ca)
Calcium	2170	278.7	-	-	-
Chromium	3.3	1.487	1,500,000 (nca) ⁽⁴⁾	200 (nca)	3,070 (nca)
Iron	2,780	1460.6	720,000 (nca)	-	-
Lead	10	1.594	-	500 (nca)	-
Magnesium	259	209.5	-	-	-
Manganese	1,080	63.5	25,000 (nca)	-	47,000 (nca)
Silver	0.41	<.204	5,100 (nca)	-	5,110 (nca)
Sodium ⁽⁵⁾	65.7	11.05	-	-	-
Zinc	56.1	5.7	310,000 (nca)	-	307,000 (nca)

Deep Soil Sampling Results 4 - 15 ft

	Maximum Concentration ⁽¹⁾	Background	Regional Screening Levels (RSL) (Industrial-dermal and/or ingestion)	NR 720 GRCL (Table 2)	NR 720 RCL (Ingestion) ⁽²⁾
	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Volatile Compounds					
Acetone	1	<.024	920,000 (nca)	-	920,000 (nca)
Chlorobenzene	0.006	<.05	20,000 (nca)	-	20,400 (nca)
Methylene Chloride	0.009	<.002	380 (ca)	-	382 (ca)
Tetrachloroethylene	0.002	<.005	5.3 (ca)	-	55 (ca)
Semi-volatile Compounds					
Di-n-octylphthalate ⁽⁵⁾	1	<.340	-	-	-
Metals					
Chromium	1,800	1.487	3,100 (nca)	200 (nca)	3,070 (nca)
Zinc ⁽⁶⁾	654	5.68	310,000 (nca)	-	307,000 (nca)

⁽¹⁾ The listed concentrations are the maximum concentrations of each parameter listed on Tables 3 and 4 of the closure report.

⁽²⁾ RSL values are based on the most conservative values available. If applicable, carcinogenic values were used instead of noncarcinogenic values since the value was more conservative.

⁽³⁾ The values were obtained using the EPA Risk Assessment Guidance web site (<http://risk.lsd.ornl.gov/epa/ssl1.htm>.) This site can be used to calculate the RCLs that will be accord with NR 720, Wis. Adm. Code. Wisconsin defaults referenced in PUB-RR-682 were used in the calculation of the values.

⁽⁴⁾ Chromium (III) values for ingestion were used. Based on the site history, Chromium VI is not believed to be present within the waste.

⁽⁵⁾ Paramater has no RSL or RCL clean-up values.

⁽⁶⁾ Soil sample was collected at a depth of 10-12 feet, the next highest detected sample result deeper than 4 feet was 819 mg/Kg.

(ca) Carcinogenic

(nca) Noncarcinogenic