

Development at Historic Fill Site or Licensed Landfill Exemption Application

Form 4400-226 (R 05/16)

Notice: Use of this form is required by the DNR for any application to develop at a historic fill site or licensed landfill pursuant to secs. NR 506.085 and NR 500.08(4), Wis. Adm. Code. The Department will not consider your application unless you provide complete information requested. Personally identifiable information collected will be used to process your application and will also be accessible by request under Wisconsin's Open Records law [ss. 19.31 - 19.39, Wis. Stats.]

Instructions: See *Development at Historic Fill Sites and Licensed Landfills: What you need to know* (PUB-RR-683, November 2013) for detailed instructions.

- All Exemption Application materials should be sent to the region where the site is located, as listed on page 6.
- Include \$700 fee payment with this application. If the site is a licensed landfill and the Waste and Materials Management program is doing the review, submit no fee now. You will be sent an invoice upon receipt of this application.
- Determine the appropriate exemption type for the site and check appropriate box below.
- Provide complete information requested for each type of exemption. Include the following attachments:
Required: Summary of Existing and Potential Impacts described in Section V as an attachment, under the seal of a professional engineer or geologist registered to practice in Wisconsin.

Optional: Site Visit Summary Comments (Section IX) including any photos, sketches or site visit notes.

Exemption Type

- Remediation and Redevelopment Program NR 700 Rule Series Process Exemption:** Site with remedial actions conducted in accordance with NR 700 series
Required: Sections I - VI **Optional:** Sections VII - X
- Case-by-Case Evaluation:** Sites with anticipated environmental impacts or wastes of special concerns
Required: Sections I - VI **Optional:** Sections VII - X
- Expedited Exemption:** Site with no expected environmental impact
Required: Sections I - VI and Form 4400-226A Expedited Exemption Application **Optional:** Sections VII - X

I. Applicant Information

Owner - Last Name	First	MI	Phone Number (include area code)
City of Beloit			(608) 364-6711
Contact Name (if different)			
Drew Pennington, Planning			
Street Address	City	State	ZIP Code
100 state Street	Beloit	WI	53511
Developer - Last Name	First	MI	Phone Number (include area code)
Riverbend Stadium Authority Inc.	John Gackstetter, Senior VP		(608) 449-9627
Street Address	City	State	ZIP Code
525 Third Street, Suite 300	Beloit	WI	53511

II. Site Name and Location

Site Name	Location / Address
WP&L Coal Gas Site	11 Shirland Avenue
Is the site known by another name(s)? <input type="radio"/> Yes <input checked="" type="radio"/> No <input type="radio"/> Unknown	<input checked="" type="radio"/> City <input type="radio"/> Town <input type="radio"/> Village
If yes, provide name: _____	of <u>Beloit</u>
Does the site have a license number? <input type="radio"/> Yes <input checked="" type="radio"/> No <input type="radio"/> Unknown	State ZIP Code County
If yes, License Number: _____	WI 53511 Rock

A. Attach a map with site location and limits of fill/waste disposal area.

B. Global Positioning System Coordinates

Latitude	DEG	MIN	SEC	Longitude	DEG	MIN	SEC	Describe method for collecting GPS Coordinates
	42	29	51.2600 N		89	02	24.1500 W	Google Earth

Program Lead, Fee Status and Regulatory ID Numbers (This area for DNR use only)

<input type="radio"/> Waste Management Bureau	<input type="checkbox"/> Payment Attached	
<input type="radio"/> Remediation and Redevelopment Bureau - Exemption is part of remedy under NR 700 program	Amount	
<input type="radio"/> Fee already paid for review of remedial design report.	\$	
<input type="radio"/> Review of remedial design report not requested and payment is attached.		
Hazardous Waste Facility License ID #: (5 digits)	DNR FID #: (9 digits)	USEPA ID #: (used for both RCRA & CERCLIS #s) (WI+Alpha+9 digits)
Region	Project Manager	Telephone Number

Development at Historic Fill Site or Licensed Landfill Exemption Application

Form 4400-226 (R 05/16)

Page 2 of 6

III. Site Ownership History

Previous Owner - Last Name Unknown	First	MI	Telephone Number
Street Address	City	State	ZIP Code
Responsible Municipal / Private Operator - Last Name (if applicable)	First	MI	Telephone Number
Street Address	City	State	ZIP Code

IV. Evaluation of Existing and Potential Impacts. See Development at Historic Fill Sites and Licensed Landfill: Guidance for Investigation and Development at Historic Fill Sites and Licensed Landfill: Potential Problems and Considerations.

- A. Analytical data for the following media have been collected and/or examined before completing this application:
1. Groundwater: Yes No
 2. Soil: Yes No
 3. Surface water / sediment: Yes No
 4. Air: Yes No
 5. Methane or other explosive gases: Yes No
- B. Based on known or suspected sources and wastes, their physical characteristics, containment and geologic environment, do you suspect a release of pollutants to the environment?
- Yes: Groundwater Soil Surface Water / Sediment Methane or Other Explosive Gases
- No
- C. If there is NOT a likelihood of a release of pollutants or evidence of a release, would the impact of the proposed development be likely to cause a release to the environment?
- Yes: **If yes, be sure to summarize actions to be taken to prevent adverse environmental impacts in V. Part C below.**
- No

V. Summary of Existing and Potential Impacts. See Development at Historic Fill Sites and Licensed Landfill: Guidance for Investigation and Development at Historic Fill Sites and Licensed Landfill: Potential Problems and Considerations.

Describe the following in an attached narrative under the signature of a qualified professional. Organize, label and package as listed below.

- A. Existing Site Conditions
 1. existing site conditions including waste types,
 2. potential for impacts, and
 3. evaluation of existing impacts.
- B. Proposed Development Summary. Include explanation for overall site decision.
- C. Summary of actions to be taken and engineering controls that will prevent or minimize adverse environmental impacts and potential threats to human health and welfare, including worker safety.

VI. Certification of Application Information

I certify that information in this application and all its attachments is true and correct and in conformity with applicable Wis. statutes.

Print / Type Name of Applicant

Bradley A. Brown, P.E. - Consultant

Applicant Signature

Date Signed

5/3/2020

Development at Historic Fill Site or Licensed Landfill Exemption Application

Form 4400-226 (R 05/16)

Page 3 of 6

Sections VII - IX are optional for all Applicants.

VII. Current and Historic Type of Waste Disposal Site (Check all that apply)

- | | |
|---|--|
| <input type="checkbox"/> Licensed Landfill | <input type="checkbox"/> One-time Disposal |
| <input type="checkbox"/> Non-approved {See s.289.01(3)}, Wis Stats. | <input type="checkbox"/> Construction / Demolition |
| <input type="checkbox"/> Approved | <input checked="" type="checkbox"/> Historic Fill Site |

<p>Liner</p> <table border="0" style="width: 100%;"> <tr> <td><input type="checkbox"/> Unlined</td> <td><input type="checkbox"/> Clay Liner</td> </tr> <tr> <td><input type="checkbox"/> Lined</td> <td><input type="checkbox"/> Unengineered</td> </tr> <tr> <td><input type="checkbox"/> Composite Liner</td> <td></td> </tr> <tr> <td colspan="2"><input type="checkbox"/> Other Liner (Describe): _____</td> </tr> </table>	<input type="checkbox"/> Unlined	<input type="checkbox"/> Clay Liner	<input type="checkbox"/> Lined	<input type="checkbox"/> Unengineered	<input type="checkbox"/> Composite Liner		<input type="checkbox"/> Other Liner (Describe): _____		<p>Total Landfill Volume</p> <p><input type="radio"/> < 50,000 yd³</p> <p><input type="radio"/> 50,000-500,000 yd</p> <p><input type="radio"/> > 500,000 yd³</p>
<input type="checkbox"/> Unlined	<input type="checkbox"/> Clay Liner								
<input type="checkbox"/> Lined	<input type="checkbox"/> Unengineered								
<input type="checkbox"/> Composite Liner									
<input type="checkbox"/> Other Liner (Describe): _____									

- Does the landfill have a closure plan? Yes No Unknown
- Does the landfill have a groundwater monitoring plan? Yes No Unknown
- Have groundwater monitoring wells been installed? Yes No Unknown

Was a cover installed? Yes: No **If no, go to Past Land Uses.**

- Composite cap
- Layered soil cap with clay barrier
- Clay cap
- Soil cap - not recompacted clay
- Other cover
- Unknown

What is the thickness of the cover? < 6 in 6-12 in 12-24 in > 24 in Unknown

Past Land Uses. (Check all that apply)

- | | | |
|---|--|--|
| <input type="checkbox"/> Agricultural co-op | <input type="checkbox"/> Electroplater | <input type="checkbox"/> Salvage yard |
| <input type="checkbox"/> Brush pile | <input type="checkbox"/> Lagoon | <input type="checkbox"/> Service Station |
| <input type="checkbox"/> Bulk plant | <input type="checkbox"/> Manufacturing Type: _____ | <input type="checkbox"/> Tannery |
| <input checked="" type="checkbox"/> Coal gas manufacturer | <input type="checkbox"/> Old burn pit | <input type="checkbox"/> Unknown |
| <input type="checkbox"/> Deer pit | <input type="checkbox"/> Pipeline | <input type="checkbox"/> Other: _____ |
| <input type="checkbox"/> Dry cleaner | <input type="checkbox"/> RCRA generator | |

Date(s) of Site Operation

From: 01/01/1884 To: 01/01/1962 No. of Years 76 Unknown

VIII. Waste Information & Geologic Environment. See Development at Historic Fill Sites and Licensed Landfills: Guidance for Investigation

A. Known or Suspected Sources/Wastes. (Check all that apply)

- | | | |
|--|---|---|
| <input type="checkbox"/> Abandoned containers | <input type="checkbox"/> Known or suspected hazardous materials | <input type="checkbox"/> Demolition/construction waste |
| <input type="checkbox"/> Above ground pipeline or tank | <input type="checkbox"/> Municipal waste | <input type="checkbox"/> Surface impoundment/lagoons |
| <input type="checkbox"/> Animal carcasses | <input type="checkbox"/> Paper mill sludge | <input type="checkbox"/> Underground pipeline or tank |
| <input type="checkbox"/> Buried drums | <input type="checkbox"/> Transformer | <input type="checkbox"/> Exempted fill [NR 500.08(1) and (2)] |
| <input type="checkbox"/> Burning of materials | <input type="checkbox"/> Trees/brush | <input type="checkbox"/> Unknown |
| <input type="checkbox"/> Foundry sand | <input type="checkbox"/> Surface spills | <input checked="" type="checkbox"/> Other: <u>Residual Soil Contamination</u> |
| <input type="checkbox"/> Industrial accident | <input type="checkbox"/> Fly ash | |

B. Physical Characteristics of Sources/Wastes

- Liquid Solid Liquid & Solid Unknown

Development at Historic Fill Site or Licensed Landfill Exemption Application

Form 4400-226 (R 05/16)

Page 4 of 6

VIII. Waste Information & Geologic Environment (continued)

C. Waste Containment
Liner Unknown Not applicable

- Engineered cover
Maintained Not maintained
Functioning leachate collection & removal system
Functioning & maintained run-off management system
Functioning groundwater monitoring system

D. Soil Type: Estimate distances or determinations based on regional or site specific information.

- Regional Site specific
Clay, silt or other fine grained soils present? (lacustrine, tills, etc.) Yes No
At surface? Yes No At depth? Yes No feet
Sand & gravel, coarse grained soils present? Yes No
At surface? Yes No At depth? Yes No feet

E. Depth to Groundwater

- Regional Site specific 7 feet

F. Direction of Groundwater Flow

- Regional Site specific west direction

G. Depth to Bedrock

- Regional Site specific direction

H. Bedrock Type

- Regional Site specific Sandstone Limestone/Dolomite Metamorphic/Igneous

IX. Site Visit

Conduct a site visit to complete site screening and determine general site conditions, on-site activities and adjacent land use encroachment issues. As appropriate to document the site, take photos, sketch the site and prepare a Site Visit Report.

On-site visit conducted? Yes No

General site conditions: Document any observed releases and note whether or not you were able to walk the site. Examples of things to be aware of include the following:

- leachate seeps or evidence of seeps such as stained soil/vegetation
stressed vegetation as a sign of gas migration to the surface or of leachate seeps;
quality and coverage of vegetation on the cap;
odors which may indicate gas migration to the atmosphere;
erosion of the cap;
maintenance of positive drainage over the capped area;
visual desiccation cracks in the cap.

Attach the following to your application:

- Photographs, regular or digital Site sketch Site Visit Report

Table with 2 columns: Name(s) of Person(s) Conducting Site Visit, Date of Site Visit. Row 1: Bradley A. Brown, P.E., 02/26/2020

Development at Historic Fill Site or Licensed Landfill Exemption Application

Form 4400-226 (R 05/16)

IX. Site Visit (continued)

A. Adjacent Land Uses. Indicate all directions. (Check all that apply)

<input type="checkbox"/> Agricultural	<input type="checkbox"/> N	<input type="checkbox"/> S	<input type="checkbox"/> E	<input type="checkbox"/> W	<input type="checkbox"/> NE	<input type="checkbox"/> NW	<input type="checkbox"/> SE	<input type="checkbox"/> SW
<input type="checkbox"/> Industrial	<input type="checkbox"/> N	<input type="checkbox"/> S	<input type="checkbox"/> E	<input type="checkbox"/> W	<input type="checkbox"/> NE	<input type="checkbox"/> NW	<input type="checkbox"/> SE	<input type="checkbox"/> SW
<input type="checkbox"/> Recreational	<input type="checkbox"/> N	<input type="checkbox"/> S	<input type="checkbox"/> E	<input type="checkbox"/> W	<input type="checkbox"/> NE	<input type="checkbox"/> NW	<input type="checkbox"/> SE	<input type="checkbox"/> SW
<input type="checkbox"/> Residential	<input type="checkbox"/> N	<input type="checkbox"/> S	<input type="checkbox"/> E	<input type="checkbox"/> W	<input type="checkbox"/> NE	<input type="checkbox"/> NW	<input type="checkbox"/> SE	<input type="checkbox"/> SW
<input checked="" type="checkbox"/> Undeveloped	<input type="checkbox"/> N	<input checked="" type="checkbox"/> S	<input type="checkbox"/> E	<input type="checkbox"/> W	<input type="checkbox"/> NE	<input type="checkbox"/> NW	<input type="checkbox"/> SE	<input type="checkbox"/> SW
<input checked="" type="checkbox"/> Commercial	<input checked="" type="checkbox"/> N	<input type="checkbox"/> S	<input checked="" type="checkbox"/> E	<input type="checkbox"/> W	<input type="checkbox"/> NE	<input type="checkbox"/> NW	<input type="checkbox"/> SE	<input type="checkbox"/> SW
<input checked="" type="checkbox"/> Other: Rock River	<input type="checkbox"/> N	<input type="checkbox"/> S	<input type="checkbox"/> E	<input checked="" type="checkbox"/> W	<input type="checkbox"/> NE	<input checked="" type="checkbox"/> NW	<input type="checkbox"/> SE	<input type="checkbox"/> SW

B. Potential Groundwater Receptors. Estimate distances. (1 mile = 5,280 ft)

Distance to and direction of nearest municipal well: 150 feet > 1/2 mile from the waste _____ direction

Distance to and direction of nearest other-than-municipal well: _____ feet > 1/2 mile from the waste _____ direction

Distance to and direction of nearest non-community well: _____ feet > 1/2 mile from the waste _____ direction

Distance to and direction of nearest private well: _____ feet > 1/2 mile from the waste _____ direction

Distance to and direction of nearest private well: _____ feet > 1/2 mile from the waste _____ direction

C. Potential For Gas Migration

0 No. of homes within 300 feet of waste (gas migration potential)

0 No. of homes between 300 & 1,000 ft to waste (gas migration potential)

Distance to and direction of nearest building: 150 feet > 1/2 mile from the waste _____ direction

Type of building: On-site building Municipal Residential Commercial Industrial Unknown

D. Potential Surface Water Receptors. Estimate distances.

Creek _____ feet Drainage ditch: _____ feet Intermittent stream: _____ feet

River 0 feet Lake _____ feet Wetland: _____ feet

E. Based on the site visit, did you visually observe...

1. a release to a surface water body? Yes No Unknown

2. a leachate seep? Yes No Unknown

3. a release to soils? Yes No Unknown

X. Comments: Use this section to provide comments on any aspect of the site visit. Attach any information or explanations labeled with the appropriate section number to which the material applies.

Brownfield Environmental conducted a Soil and Groundwater investigation in February of 2020 at the site which included 21 soil borings and 6 temporary monitoring wells. A copy of the Phase II Site Investigation Report has been submitted to Janet DiMaggio of the DNR.

Region Map

NORTHERN REGION

Remediation & Redevelopment
Team Supervisor
Department of Natural Resources
107 Sutliff Avenue
Rhineland, WI 54501
(715) 365-8976

OR

Regional Waste Program Manager
Department of Natural Resources
107 Sutliff Avenue
Rhineland WI 54501
(715) 365-8946

NORTHEAST REGION

Remediation & Redevelopment
Team Supervisor
Department of Natural Resources
2984 Shawano Avenue
Green Bay, WI 54313-6727
(920) 662-5160

OR

Regional Waste Program Manager
Department of Natural Resources
2984 Shawano Avenue
Green Bay, WI 54313-6727
(920) 662-5120

SOUTHEAST REGION

Remediation & Redevelopment
Team Supervisor
Department of Natural Resources
2300 N. Martin Luther King Drive
Milwaukee, WI 53212
(414) 263-8561 or (414) 263-8714

OR

Regional Waste Program Manager
Department of Natural Resources
2300 N. Martin Luther King Drive
Milwaukee, WI 53212
(414) 263-8694 or (414) 263-8697

WEST CENTRAL REGION

Remediation & Redevelopment
Team Supervisor
Department of Natural Resources
1300 West Clairemont Avenue
Eau Claire, WI 54701
(715) 839-3710

OR

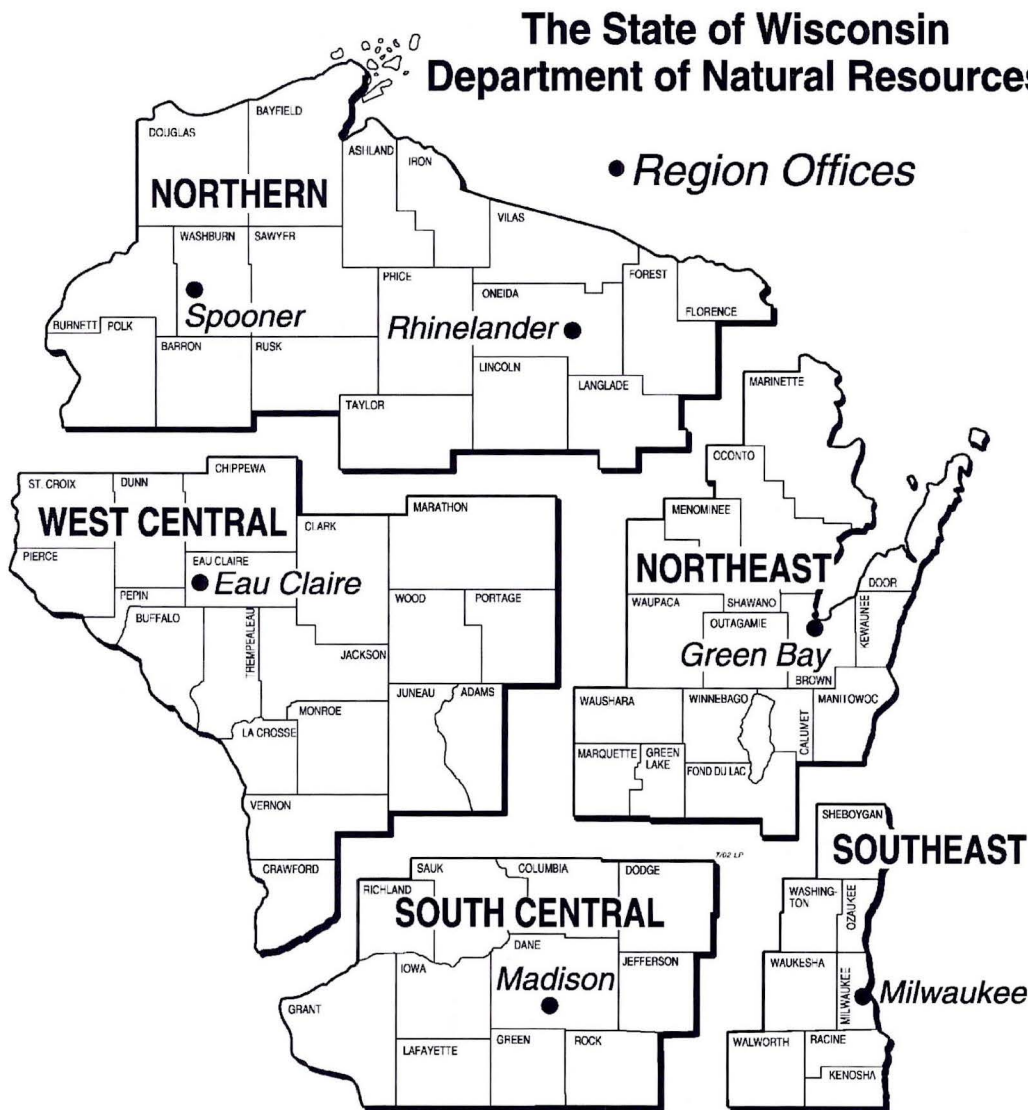
Regional Waste Program Manager
Department of Natural Resources
1300 West Clairemont Avenue
Eau Claire, WI 54701
(715) 839-3708

SOUTH CENTRAL REGION

Remediation & Redevelopment
Team Supervisor
Department of Natural Resources
3911 Fish Hatchery Road
Fitchburg, WI 53711
(608) 275-3241

OR

Regional Waste Program Manager
Department of Natural Resources
3911 Fish Hatchery Road
Fitchburg, WI 53711
(608) 275-3466



**The State of Wisconsin
Department of Natural Resources**

• *Region Offices*

Notice: Use of this form is required by the DNR for any application to develop at a historic fill site or licensed landfill pursuant to secs. NR 506.085 and NR 500.08(4), Wis. Adm. Code. The Department will not consider your application unless you provide complete information requested. Personally identifiable information collected will be used to process your application and will also be accessible by request under Wisconsin's Open Records law [ss.19.31 - 19.39, Wis. Stats.]

Instructions: See *Development at Historic Fill Sites and Licensed Landfills: What you need to know* (PUB-RR-683, November 2013) for detailed instructions.

- All Exemption Application materials should be sent to the region where the site is located, as listed on page 6.
- Include \$700 fee payment with this application. If the site is a licensed landfill and the Waste and Materials Management program is doing the review, submit no fee now. You will be sent an invoice upon receipt of this application.
- Determine the appropriate exemption type for the site and check appropriate box below.
- Provide complete information requested for each type of exemption. Include the following attachments:
Required: Summary of Existing and Potential Impacts described in Section V as an attachment, under the seal of a professional engineer or geologist registered to practice in Wisconsin.

Optional: Site Visit Summary Comments (Section IX) including any photos, sketches or site visit notes.

Exemption Type

- Remediation and Redevelopment Program NR 700 Rule Series Process Exemption:** Site with remedial actions conducted in accordance with NR 700 series
Required: Sections I - VI **Optional:** Sections VII - X
- Case-by-Case Evaluation:** Sites with anticipated environmental impacts or wastes of special concerns
Required: Sections I - VI **Optional:** Sections VII - X
- Expedited Exemption:** Site with no expected environmental impact
Required: Sections I - VI **and** Form 4400-226A Expedited Exemption Application **Optional:** Sections VII - X

I. Applicant Information

Owner - Last Name	First	MI	Phone Number (include area code)
City of Beloit			(608) 364-6711
Contact Name (if different)			
Drew Pennington, Planning			
Street Address	City	State	ZIP Code
100 state Street	Beloit	WI	53511
Developer - Last Name	First	MI	Phone Number (include area code)
Riverbend Stadium Authority Inc.	John Gackstetter, Senior VP		(608) 449-9627
Street Address	City	State	ZIP Code
525 Third Street, Suite 300	Beloit	WI	53511

II. Site Name and Location

Site Name	Location / Address		
Former Country Store West	202 Shirland Avenue		
Is the site known by another name(s)? <input type="radio"/> Yes <input checked="" type="radio"/> No <input type="radio"/> Unknown	<input checked="" type="radio"/> City <input type="radio"/> Town <input type="radio"/> Village		
If yes, provide name: _____	of <u>Beloit</u>		
Does the site have a license number? <input type="radio"/> Yes <input checked="" type="radio"/> No <input type="radio"/> Unknown	State	ZIP Code	County
If yes, License Number: _____	WI	53511	Rock

A. Attach a map with site location and limits of fill/waste disposal area.

B. Global Positioning System Coordinates	Describe method for collecting GPS Coordinates
Latitude DEG MIN SEC 42 29 46.8900 N	Longitude DEG MIN SEC 89 02 22.3200 W
Google Earth	

Program Lead, Fee Status and Regulatory ID Numbers (This area for DNR use only)

<input type="radio"/> Waste Management Bureau <input type="radio"/> Remediation and Redevelopment Bureau - Exemption is part of remedy under NR 700 program <input type="radio"/> Fee already paid for review of remedial design report. <input type="radio"/> Review of remedial design report not requested and payment is attached.		<input type="checkbox"/> Payment Attached Amount \$
Hazardous Waste Facility License ID #: (5 digits)	DNR FID #: (9 digits)	USEPA ID #: (used for both RCRA & CERCLIS #s) (WI+Alpha+9 digits)
Region	Project Manager	Telephone Number

Development at Historic Fill Site or Licensed Landfill Exemption Application

Form 4400-226 (R 05/16)

Page 2 of 6

III. Site Ownership History

Previous Owner - Last Name Unknown	First	MI	Telephone Number	
Street Address	City		State	ZIP Code
Responsible Municipal / Private Operator - Last Name (if applicable)	First	MI	Telephone Number	
Street Address	City		State	ZIP Code

IV. Evaluation of Existing and Potential Impacts. See Development at Historic Fill Sites and Licensed Landfill: Guidance for Investigation and Development at Historic Fill Sites and Licensed Landfill: Potential Problems and Considerations.

- A. Analytical data for the following media have been collected and/or examined before completing this application:
- 1. Groundwater: Yes No
 - 2. Soil: Yes No
 - 3. Surface water / sediment: Yes No
 - 4. Air: Yes No
 - 5. Methane or other explosive gases: Yes No
- B. Based on known or suspected sources and wastes, their physical characteristics, containment and geologic environment, do you suspect a release of pollutants to the environment?
- Yes: Groundwater Soil Surface Water / Sediment Methane or Other Explosive Gases
 No
- C. If there is NOT a likelihood of a release of pollutants or evidence of a release, would the impact of the proposed development be likely to cause a release to the environment?
- Yes: If yes, be sure to summarize actions to be taken to prevent adverse environmental impacts in V. Part C below.
 No

V. Summary of Existing and Potential Impacts. See Development at Historic Fill Sites and Licensed Landfill: Guidance for Investigation and Development at Historic Fill Sites and Licensed Landfill: Potential Problems and Considerations.

Describe the following in an attached narrative under the signature of a qualified professional. Organize, label and package as listed below.

- A. Existing Site Conditions
 - 1. existing site conditions including waste types,
 - 2. potential for impacts, and
 - 3. evaluation of existing impacts.
- B. Proposed Development Summary. Include explanation for overall site decision.
- C. Summary of actions to be taken and engineering controls that will prevent or minimize adverse environmental impacts and potential threats to human health and welfare, including worker safety.

VI. Certification of Application Information

I certify that information in this application and all its attachments is true and correct and in conformity with applicable Wis. statutes.

Print / Type Name of Applicant

Bradley A. Brown, P.E. - Consultant

Applicant Signature 

Date Signed 5/3/2020

Development at Historic Fill Site or Licensed Landfill Exemption Application

Form 4400-226 (R 05/16)

Page 3 of 6

Sections VII - IX are optional for all Applicants.

VII. Current and Historic Type of Waste Disposal Site (Check all that apply)

- | | |
|---|--|
| <input type="checkbox"/> Licensed Landfill | <input type="checkbox"/> One-time Disposal |
| <input type="checkbox"/> Non-approved {See s.289.01(3)}, Wis Stats. | <input type="checkbox"/> Construction / Demolition |
| <input type="checkbox"/> Approved | <input checked="" type="checkbox"/> Historic Fill Site |

<p>Liner</p> <input type="checkbox"/> Unlined <input type="checkbox"/> Lined <input type="checkbox"/> Composite Liner <input type="checkbox"/> Other Liner (Describe): _____	<input type="checkbox"/> Clay Liner <input type="checkbox"/> Unengineered	<p>Total Landfill Volume</p> <input type="radio"/> < 50,000 yd ³ <input type="radio"/> 50,000-500,000 yd ³ <input type="radio"/> > 500,000 yd ³
---	--	--

Does the landfill have a closure plan? Yes No Unknown

Does the landfill have a groundwater monitoring plan? Yes No Unknown

Have groundwater monitoring wells been installed? Yes No Unknown

Was a cover installed? Yes: No **If no, go to Past Land Uses.**

- Composite cap
- Layered soil cap with clay barrier
- Clay cap
- Soil cap - not recompacted clay
- Other cover
- Unknown

What is the thickness of the cover? < 6 in 6-12 in 12-24 in > 24 in Unknown

Past Land Uses. (Check all that apply)

- | | | |
|--|--|---|
| <input type="checkbox"/> Agricultural co-op | <input type="checkbox"/> Electroplater | <input type="checkbox"/> Salvage yard |
| <input type="checkbox"/> Brush pile | <input type="checkbox"/> Lagoon | <input checked="" type="checkbox"/> Service Station |
| <input type="checkbox"/> Bulk plant | <input type="checkbox"/> Manufacturing Type: _____ | <input type="checkbox"/> Tannery |
| <input type="checkbox"/> Coal gas manufacturer | <input type="checkbox"/> Old burn pit | <input type="checkbox"/> Unknown |
| <input type="checkbox"/> Deer pit | <input type="checkbox"/> Pipeline | <input type="checkbox"/> Other: _____ |
| <input type="checkbox"/> Dry cleaner | <input type="checkbox"/> RCRA generator | |

Date(s) of Site Operation

From: _____ To: _____ No. of Years Unknown

VIII. Waste Information & Geologic Environment. See Development at Historic Fill Sites and Licensed Landfills: Guidance for Investigation

A. Known or Suspected Sources/Wastes. (Check all that apply)

- | | | |
|--|---|--|
| <input type="checkbox"/> Abandoned containers | <input type="checkbox"/> Known or suspected hazardous materials | <input type="checkbox"/> Demolition/construction waste |
| <input type="checkbox"/> Above ground pipeline or tank | <input type="checkbox"/> Municipal waste | <input type="checkbox"/> Surface impoundment/lagoons |
| <input type="checkbox"/> Animal carcasses | <input type="checkbox"/> Paper mill sludge | <input checked="" type="checkbox"/> Underground pipeline or tank |
| <input type="checkbox"/> Buried drums | <input type="checkbox"/> Transformer | <input type="checkbox"/> Exempted fill [NR 500.08(1) and (2)] |
| <input type="checkbox"/> Burning of materials | <input type="checkbox"/> Trees/brush | <input type="checkbox"/> Unknown |
| <input type="checkbox"/> Foundry sand | <input type="checkbox"/> Surface spills | <input checked="" type="checkbox"/> Other: Residual Soil Contamination |
| <input type="checkbox"/> Industrial accident | <input type="checkbox"/> Fly ash | |

B. Physical Characteristics of Sources/Wastes

Liquid Solid Liquid & Solid Unknown

Development at Historic Fill Site or Licensed Landfill Exemption Application

Form 4400-226 (R 05/16)

Page 4 of 6

VIII. Waste Information & Geologic Environment (continued)

C. Waste Containment [] Liner [] Unknown [] Not applicable

- [x] Engineered cover
[] Functioning leachate collection & removal system
[] Functioning & maintained run-off management system
[] Functioning groundwater monitoring system
[] Maintained [] Not maintained

D. Soil Type: Estimate distances or determinations based on regional or site specific information.

- [] Regional [x] Site specific
Clay, silt or other fine grained soils present? (lacustrine, tills, etc.) [] Yes [] No
At surface? [] Yes [] No At depth? [] Yes [] No _____ feet
Sand & gravel, coarse grained soils present? [x] Yes [] No
At surface? [] Yes [] No At depth? [] Yes [] No _____ feet

E. Depth to Groundwater

- [] Regional [x] Site specific _____ 7 feet

F. Direction of Groundwater Flow

- [] Regional [x] Site specific west _____ direction

G. Depth to Bedrock

- [x] Regional [] Site specific _____ direction

H. Bedrock Type

- [x] Regional [] Site specific [] Sandstone [x] Limestone/Dolomite [] Metamorphic/Igneous

IX. Site Visit

Conduct a site visit to complete site screening and determine general site conditions, on-site activities and adjacent land use encroachment issues. As appropriate to document the site, take photos, sketch the site and prepare a Site Visit Report.

On-site visit conducted? [x] Yes [] No

General site conditions: Document any observed releases and note whether or not you were able to walk the site. Examples of things to be aware of include the following:

- leachate seeps or evidence of seeps such as stained soil/vegetation
stressed vegetation as a sign of gas migration to the surface or of leachate seeps;
quality and coverage of vegetation on the cap;
odors which may indicate gas migration to the atmosphere;
erosion of the cap;
maintenance of positive drainage over the capped area;
visual desiccation cracks in the cap.

Attach the following to your application:

- [x] Photographs, regular or digital [x] Site sketch [x] Site Visit Report

Table with 2 columns: Name(s) of Person(s) Conducting Site Visit, Date of Site Visit. Row 1: Bradley A. Brown, P.E., 02/26/2020

Development at Historic Fill Site or Licensed Landfill Exemption Application

Form 4400-226 (R 05/16)

Page 5 of 6

IX. Site Visit (continued)

A. Adjacent Land Uses. Indicate all directions. (Check all that apply)

<input type="checkbox"/> Agricultural	<input type="checkbox"/> N	<input type="checkbox"/> S	<input type="checkbox"/> E	<input type="checkbox"/> W	<input type="checkbox"/> NE	<input type="checkbox"/> NW	<input type="checkbox"/> SE	<input type="checkbox"/> SW
<input checked="" type="checkbox"/> Industrial	<input type="checkbox"/> N	<input type="checkbox"/> S	<input checked="" type="checkbox"/> E	<input type="checkbox"/> W	<input type="checkbox"/> NE	<input type="checkbox"/> NW	<input type="checkbox"/> SE	<input type="checkbox"/> SW
<input type="checkbox"/> Recreational	<input type="checkbox"/> N	<input type="checkbox"/> S	<input type="checkbox"/> E	<input type="checkbox"/> W	<input type="checkbox"/> NE	<input type="checkbox"/> NW	<input type="checkbox"/> SE	<input type="checkbox"/> SW
<input type="checkbox"/> Residential	<input type="checkbox"/> N	<input type="checkbox"/> S	<input type="checkbox"/> E	<input type="checkbox"/> W	<input type="checkbox"/> NE	<input type="checkbox"/> NW	<input type="checkbox"/> SE	<input type="checkbox"/> SW
<input checked="" type="checkbox"/> Undeveloped	<input checked="" type="checkbox"/> N	<input checked="" type="checkbox"/> S	<input type="checkbox"/> E	<input type="checkbox"/> W	<input type="checkbox"/> NE	<input type="checkbox"/> NW	<input type="checkbox"/> SE	<input type="checkbox"/> SW
<input checked="" type="checkbox"/> Commercial	<input type="checkbox"/> N	<input type="checkbox"/> S	<input type="checkbox"/> E	<input type="checkbox"/> W	<input type="checkbox"/> NE	<input type="checkbox"/> NW	<input type="checkbox"/> SE	<input type="checkbox"/> SW
<input checked="" type="checkbox"/> Other: Rock River	<input type="checkbox"/> N	<input type="checkbox"/> S	<input type="checkbox"/> E	<input checked="" type="checkbox"/> W	<input type="checkbox"/> NE	<input checked="" type="checkbox"/> NW	<input type="checkbox"/> SE	<input type="checkbox"/> SW

B. Potential Groundwater Receptors. Estimate distances. (1 mile = 5,280 ft)

Distance to and direction of nearest municipal well: 350 feet > ½ mile from the waste _____ direction

Distance to and direction of nearest other-than-municipal well: _____ feet > ½ mile from the waste _____ direction

Distance to and direction of nearest non-community well: _____ feet > ½ mile from the waste _____ direction

Distance to and direction of nearest private well: _____ feet > ½ mile from the waste _____ direction

Distance to and direction of nearest private well: _____ feet > ½ mile from the waste _____ direction

C. Potential For Gas Migration

0 No. of homes within 300 feet of waste (gas migration potential)

0 No. of homes between 300 & 1,000 ft to waste (gas migration potential)

Distance to and direction of nearest building: 350 feet > ½ mile from the waste _____ direction

Type of building: On-site building Municipal Residential Commercial Industrial Unknown

D. Potential Surface Water Receptors. Estimate distances.

Creek _____ feet Drainage ditch: _____ feet Intermittent stream: _____ feet

River 200 feet Lake _____ feet Wetland: _____ feet

E. Based on the site visit, did you visually observe...

1. a release to a surface water body? Yes No Unknown

2. a leachate seep? Yes No Unknown

3. a release to soils? Yes No Unknown

X. Comments: Use this section to provide comments on any aspect of the site visit. Attach any information or explanations labeled with the appropriate section number to which the material applies.

Brownfield Environmental conducted a Soil and Groundwater investigation in February of 2020 at the site which included 21 soil borings and 6 temporary monitoring wells. A copy of the Phase II Site Investigation Report has been submitted to Janet DiMaggio of the DNR.

Region Map

NORTHERN REGION

Remediation & Redevelopment
Team Supervisor
Department of Natural Resources
107 Sutliff Avenue
Rhineland, WI 54501
(715) 365-8976

OR

Regional Waste Program Manager
Department of Natural Resources
107 Sutliff Avenue
Rhineland WI 54501
(715) 365-8946

NORTHEAST REGION

Remediation & Redevelopment
Team Supervisor
Department of Natural Resources
2984 Shawano Avenue
Green Bay, WI 54313-6727
(920) 662-5160

OR

Regional Waste Program Manager
Department of Natural Resources
2984 Shawano Avenue
Green Bay, WI 54313-6727
(920) 662-5120

SOUTHEAST REGION

Remediation & Redevelopment
Team Supervisor
Department of Natural Resources
2300 N. Martin Luther King Drive
Milwaukee, WI 53212
(414) 263-8561 or (414) 263-8714

OR

Regional Waste Program Manager
Department of Natural Resources
2300 N. Martin Luther King Drive
Milwaukee, WI 53212
(414) 263-8694 or (414) 263-8697

WEST CENTRAL REGION

Remediation & Redevelopment
Team Supervisor
Department of Natural Resources
1300 West Clairemont Avenue
Eau Claire, WI 54701
(715) 839-3710

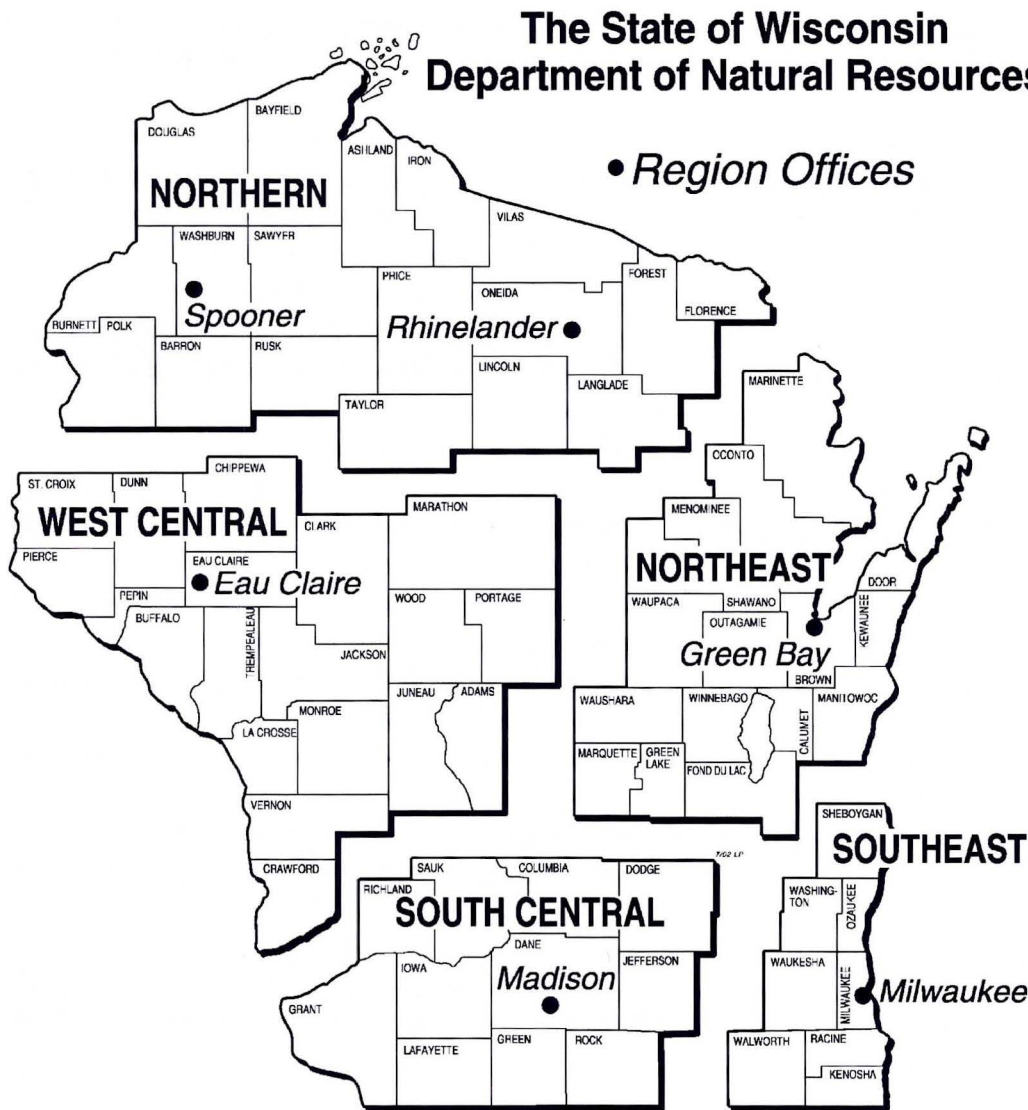
OR

Regional Waste Program Manager
Department of Natural Resources
1300 West Clairemont Avenue
Eau Claire, WI 54701
(715) 839-3708

SOUTH CENTRAL REGION

Remediation & Redevelopment
Team Supervisor
Department of Natural Resources
3911 Fish Hatchery Road
Fitchburg, WI 53711
(608) 275-3241

OR Regional Waste Program Manager
Department of Natural Resources
3911 Fish Hatchery Road
Fitchburg, WI 53711
(608) 275-3466



Purpose

The purpose of this document is to provide an optional template format for consultants and responsible parties to demonstrate that the proposed management of solid waste material qualifies for a Wis. Admin. Code § NR 718.12 or NR 718.15 exemption and to request written approval of the request. This document may be included as part of an interim or remedial action plan (RAP) or post-closure modification request, or can be submitted by itself depending on the activities conducted at the site. Using this recommended format will likely result in a faster Department of Natural Resources (DNR) review. At a minimum, all requests must satisfy the requirements of a soil management plan as outlined in Wis. Admin. Code § 718.12 (1) and (2) (b).

Introduction

Soil and other solid waste generated from a response action site as part of an interim or remedial action may be managed at a site or facility that is not an operating licensed landfill if an exemption from the Waste and Materials Management Program requirements established in Wis. Stat. ch. 289 and Wis. Admin. Code ch. NR 500 to NR 538 is obtained under Wis. Admin. Code §§ NR 718.12 or NR 718.15. An exemption through Wis. Admin. Code § NR 718.12 can be granted when soil is being managed as part of an interim action under Wis. Admin. Code ch. NR 708 or a remedial action under Wis. Admin. Code ch. NR 722. An exemption through Wis. Admin. Code § NR 718.15 can be granted when other solid waste material is managed as part of an interim or remedial action on the site from which it was generated. Managing solid waste material with either exemption requires prior written approval from the DNR. For more information see "Management of Contaminated Soil and Other Solid Wastes, Wis. Admin. Code §§ NR 718.12 and NR 718.15" (RR-060), by visiting dnr.wi.gov, search "RR-060."

If this exemption request involves contaminated material impacted by a discharge of a hazardous substance that has not been reported to the DNR, a "Notification for Hazardous Substance Discharge (non-emergency)", DNR Form 4400-225, must be completed and submitted immediately as required by Wis. Admin. Code § NR 706, unless an alternate method of reporting is approved by the DNR. This form can be found by visiting dnr.wi.gov, search "4400-225."

This template is not intended to be used for immediate actions under Wis. Admin. Code § NR 708.05, as prior DNR approval is not required if: 1) the requirements of Wis. Admin. Code § NR 718.12 (1) are met, 2) contaminant concentrations do not exceed Wis. Admin. Code ch. NR 720 soil residual contaminant levels, 3) and the quantity of material managed is less than 100 cubic yards total.

Requests to manage material under Wis. Admin. Code ch. NR 718 for projects involving large-scale disposal or requiring items such as a liner system, leachate treatment and an engineered cap, or projects proposing to place the material below the groundwater table, should not be requested using this template. Consult with DNR staff before submitting such a proposal.

Document Instructions

In order to expedite processing, complete all applicable sections of this document as instructed. **Fields/sections required by administrative code are marked with a red asterisk (*)**. All other fields are optional and are included to assist DNR staff in gathering additional information to expedite review of the request.

Some portions of the document may be filled in directly as indicated, other responses may need to be completed separately and attached. If a field is not relevant, explaining why will further assist staff in reviewing the request.

In this document, "generating site or facility" means the site or facility where the response action is generating the contaminated material subject to this exemption request. "Receiving site or facility" means the site or facility where the contaminated material is proposed to be managed. The "receiving site or facility" may be the same site or facility as the generating site or facility, or it may be a different site or facility.

Submittal Instructions

Please submit this form and related documents using the RR Program Submittal Portal at dnr.wi.gov, search "RR Submittal Portal". All accompanying attachments should be combined into a separate PDF.

Per Wis. Admin. Code § NR 700.11, a hardcopy of the completed form, attachments and fees (if applicable) are required to be mailed to the DNR. Directions on where to send this information is detailed in the submittal confirmation.

For questions on this form, please contact Judy Fassbender at judy.fassbender@wisconsin.gov.

Recommended Template for Request to Manage Materials under Wis. Admin. Code § NR 718.12 or NR 718.15

Form 4400-315 (R 05/19)

Page 2 of 12

Section 1 – Purpose of Request

Identify the purpose of the request by checking each box that applies:

- Manage contaminated soil as part of an interim or remedial action or post-closure modification on the same response action site from which it was generated (Wis. Admin. Code §§ NR 718.12 (1) and (2)).
- Manage contaminated soil as part of an interim or remedial action or post-closure modification at a site or facility that is different from the response action site from which it was generated (Wis. Admin. Code §§ NR 718.12 (1) and (2)).
- Manage other solid waste other than contaminated soil, as part of a response action, at the same site from which it was generated (Wis. Admin. Code § NR 718.15).

If none of the above boxes are checked, the proposed materials management activity cannot be exempted from solid waste rules through Wis. Admin. Code ch. NR 718. Management of solid waste material generated as a result of a non-NR 700 action may be allowed after obtaining a "low hazard exemption" from the DNR Waste and Material Management Program. Please see the DNR publication "Exempting Low-Hazard Wastes from Solid Waste Regulations" (PUB-WA 1645), which can be found by visiting dnr.wi.gov, search "WA1645."

Section 2 – Applicable Fees

Fees are assessed for each type of Wis. Admin. Code § NR 718.12 or NR 718.15 request (plus database fee) **per site or facility** where contaminated material is excavated or managed. The below tables are provided to assist you in calculating the appropriate Wis. Admin. Code § NR 749 fee required for the review of your submittal.

Identify the Wis. Admin. Code § NR 749 review fees for this submittal by checking the applicable "On-Site Management Fee" in section A, column D. If material will be managed at a site(s) or facility(ies) other than the response action site, also select the appropriate "Off-Site Management Fee" in section B, and indicate the number of applicable receiving sites in column E. Please send a single check to the regional office managing your request. Specific directions will be detailed in your submittal confirmation.

A. Fee Assessed to Excavate or Manage Soil or Other Solid Waste on the Generating Site or Facility			
A	B	C	D
Action	Action Fee	Database Fee	On-Site Mgmt Fee
MMP as part of Interim Action per NR 708.11, with residual soil CO	\$700	\$300	<input type="checkbox"/> \$1000
MMP as part of Interim Action per NR 708.11, without residual soil CO	\$700	No fee	<input type="checkbox"/> \$700
MMP as part of Remedial Action Plan approval, with residual soil CO	\$1050	\$300	<input type="checkbox"/> \$1350
MMP as part of a Remedial Action Plan approval without residual soil CO	\$1050	No fee	<input type="checkbox"/> \$1050
Closed Sites: MMP as part of a CO modification action, with residual soil CO	\$1050	\$300	<input type="checkbox"/> \$1350
Closed Sites: MMP as part of a CO modification action, without residual soil CO	\$1050	No fee	<input type="checkbox"/> \$1050
MMP separate from RAP or CO mod, with residual soil CO	\$700	\$300	<input type="checkbox"/> \$1000
MMP separate from RAP or CO mod, without residual soil CO	\$700	No fee	<input type="checkbox"/> \$700

B. Fee Assessed to Manage Soil on a Site or Facility other than the Generating Site or Facility					
A	B	C	D	E	F
Action	Action Fee	Database Fee	Off-Site Mgmt Fee	# of receiving sites subject to action	Total for row
MMP as part of interim action, remedial action, modification to COs, etc., with residual soil CO	\$700	\$300	<input type="checkbox"/> \$1000		
MMP as part of interim action, remedial action, modification to COs, etc., without residual soil CO	\$700	No fee	<input type="checkbox"/> \$700		
Total of Off-Site Management Fee					\$0
Total of On-Site and Off-Site Management Fee					\$0

- MMP** – A Material Management Plan submitted in accordance with Wis. Admin. Code §§ NR 718.12 (1) and (2) or NR 718.15.
- "With residual soil CO"** - site will have a residual soil continuing obligation (e.g. engineering control, cap, or cover) applied at the generating site or facility at the end of the applicable action; remedial action approval, or approval by an addendum to the closure letter.
- "Without residual soil CO"** - site that will not have a residual soil continuing obligation applied at the generating site or facility at the end of the applicable action.

Recommended Template for Request to Manage Materials under Wis. Admin. Code § NR 718.12 or NR 718.15

Form 4400-315 (R 05/19)

Page 3 of 12

Section 3 –Property and Contact Information

A. Information about the generating site or facility (from which material is proposed to be excavated)

BRRTS #(s) (include Materials Management #s and VPLE #s if assigned)	BRRTS Activity (Site) Name(s)	FID #(s)
0 2 - 5 4 - 0 0 1 3 0 2	WP&L Coal Gas Site	
0 3 - 5 4 - 2 0 2 8 5 6	Country Store West	

Response Action Site Address* (physical, not mailing address)

11 Shirland Ave. and 202 Shirland Ave.

City* Beloit	State* WI	Parcel ID #(s) 1354-0080 and 1354-40020	
County* Rock		ZIP Code* 53511	
WTM Coordinates* X: _____ Y: _____		Lat/Long Coordinates decimal degrees (min. of 6 digits right of decimal, e.g., -89.123456)* Lat: _____ 42.5 Long: _____ -89.04	Coordinates Represent: <input checked="" type="radio"/> Center of Project <input type="radio"/> Parcel Center
$\frac{1}{4}$ * _____ $\frac{1}{4}$ * _____	Section* _____	Township* _____ N	Range* _____ <input type="radio"/> E <input type="radio"/> W
Current Zoning: Commercial		Current Land Use: Vacant	

B. Responsible Party (RP) of the generating site or facility

The Wis. Admin. Code §§ NR 718.12 or NR 718.15 approval will be issued to the Wis. Admin. Code NR 700 series responsible party identified below and to the owner of the receiving site or facility, if different than the generating site or facility. If there is more than one responsible party or property owner, include the information requested below for each.

Responsible Party (RP) Name* Drew Pennington		Organization / Business Name City of Beloit	
Mailing Address* 100 State Street		City* Beloit	State* WI ZIP Code* 53511
Phone # (include area code)* (608) 364-6711	Email* PenningtonD@beloitwi.gov		

C. Property owner(s) information for generating site or facility if different than RP

Check here if the property owner of the generating site or facility is different than the responsible party, and enter the property owner's information below.

Property Owner Name(s)		Organization / Business Name	
Mailing Address		City	State ZIP Code
Phone # (include area code)	Email		

D. Consultant / contractor information

Consultant / Contractor Name* Bradley A. Brown		Organization / Business Name* Brownfield Environmental Engineering Resources, LLC	
Mailing Address* 645 Third Street, Suite 250		City* Beloit	State* WI ZIP Code* 53511
Phone # (include area code)* (608) 856-5434	Email brad@brownfieldusa.com		

**Recommended Template for Request to Manage Materials
under Wis. Admin. Code § NR 718.12 or NR 718.15**

Form 4400-315 (R 05/19)

Page 4 of 12

E. Contact information for questions about this request			
Contact Name John Gackstetter, Senior VP		Organization / Business Name Hendricks Commercial Properties	
Mailing Address 525 Third Street, Suite 300		City Beloit	State WI
Phone # (include area code) (608) 449-9627		Email John.Gackstetter@hendricksgroup.net	
Relationship to the Requestor (Same, Consultant, Developer, Etc.): Site Developer - Riverbend Stadium Authority Inc.			

Section 4 – Results of Analyses Performed and Characteristics of Waste

The following information is necessary for the DNR to review the request for compliance with Wis. Admin. Code §§ NR 718.12 (1) (d) 1., NR 718.12 (2) (b) 2. and NR 718.12 (2) (b) 6. In this section, describe the characteristics of the contaminated soil and/or other solid waste material that will be managed under this plan, describe the sampling activities conducted and demonstrate how it has been adequately characterized. Narrative boxes have a limit of 2500 characters. Please attach additional pages if necessary, clearly labeling the section of the form to which you are responding.

- A. Enter the total volume of contaminated soil and/or other solid waste to be managed (cubic yards) *:

1,000

- B. Describe the characteristics of the material proposed to be managed,* which may include general makeup, physical characteristics, the homogeneity of the material, the proportion of soil to other solid waste, and any other pertinent descriptors.

Material to be managed includes excavated soil from the site generated from installation of site utilities and excavations - all material hauled from the site to be managed at a landfill for disposal.

- C. Describe the historic and current land use of the generating site or facility where the contaminated soil or other solid waste originates, including how this site or facility is zoned.

Both sites (north and south of Shirland Avenue) are currently vacant sites owned by the City of Beloit. No buildings or structures currently exist on the sites, and the zoning is currently Central Business District.

- D. Describe identified contaminants and the source(s). Indicate whether contaminant concentrations exceed Wis. Admin. Code § NR 720 Residual Contaminant Levels.

Residual contamination from the former coal gas plant and gas station (LUST) includes Volatile Organic Compounds, RCRA Metals, and Polyaromatic Hydrocarbons which exceed both the PAL and ES regulatory limits.

- E. Describe the sampling activities conducted to characterize the material including where the samples were collected, how sample locations were chosen, the sampling methods used, and when sampling activities were conducted.

Historical site investigation prior to site closure has been conducted and submitted to the DNR as part of the closure process for both sites. Brownfield conducted a Limited Phase II Environmental Site Investigation in March of 2020. The Phase II SI Report by Brownfield is included with this submittal, and included the installation of 21 soil borings, of which 6 were converted to temporary monitoring wells. Two soil samples were collected from each boring location and a single groundwater sample was collected from each of the monitoring wells.

- F. Explain how the sampling activities adequately characterized the contaminated soil or other solid waste proposed to be managed. Indicate whether the samples were analyzed for all contaminants previously identified at the generating site or facility and analyzed for all contaminants potentially present at the site or facility considering current and historic land use. Discuss how samples were collected from areas most likely to be contaminated and from material that will actually be managed under this exemption.

The Phase II site investigation conducted by Brownfield was designed to establish current contaminant levels in areas of the site where proposed excavation is to be performed. Laboratory analysis included VOC's, RCRA Metals, and PAH's.

- G. Enter the total number of samples collected from this material and analyzed for contaminants of concern.

42

- H. Enter the rate of sample collection per volume. One sample per 24 yards of contaminated material.
 - i. Wis. Admin. Code § NR 718.12(1)(e) requires that samples collected to characterize soil be collected at a rate of one sample per 100 cubic yards (for the first 600 cubic yards) and one sample for each additional 300 cubic yards of material, with a minimum of two samples. If the DNR pre-approved an alternative sampling plan, describe how the sampling that was conducted complied with a pre-approved plan. Please also provide the date the sampling plan was pre-approved and the name of the DNR staff person who approved the plan.

N/A

Recommended Template for Request to Manage Materials under Wis. Admin. Code § NR 718.12 or NR 718.15

Form 4400-315 (R 05/19)

Page 5 of 12

Section 5 – Project description/material management plan

The following information is necessary for the DNR to review the request for compliance with Wis. Admin. Code §§ NR 718.12 (2) (b) (5), (7) and (8). In this section, describe how the contaminated material will be managed, the proposed schedule for managing the material, and provide sufficient information to justify that the placement of the contaminated materials will meet the requirements of Wis. Admin. Code §§ NR 726.13 (1) (b) 1. to 5. Narrative boxes have a limit of 2500 characters. Please attach additional pages if necessary, clearly labeling the section of the form to which you are responding.

- A. Describe the material management activities to take place.* Provide details on how and where the material will be generated, transported and placed. Describe the depth of the proposed excavation of contaminated soil or other solid waste, and the depth that it will be placed at the receiving site or facility. Describe any response actions proposed for the receiving site or facility to address the relocated contaminated material (such as the construction of a cap). Discuss how material management activities will fit in with the overall property remediation and/or redevelopment plans.

Excavated soils on site will either be reused on site or transported to a landfill for disposal. The maximum depth of excavation on the site is approximately 12 feet below ground surface for the installation of sanitary sewer. A detailed Soil Management Plan and Health & Safety Plan are included with this submittal. The proposed site improvements will comprise the new engineered barrier for the site.

- B. Summarize the proposed schedule for implementation of the material management plan including anticipated start and end dates.* Work on the project is anticipated to begin June 1, 2020 and will be completed by April 1, 2021.

- C. Confirm the proposed material management will comply with Wis. Admin. Code § NR 726.13 (1) (b) 1. through 5.*
1. Proposed site improvements will be constructed under strict supervision of qualified environmental professionals who will be monitoring conditions for worker safety, guiding material handling and disposal of contaminated soils, and implementing measures to protect the environment from contamination of existing soil and groundwater.
 2. The proposed construction and site improvements will not create additional contamination of groundwater above the levels currently present on site from historical operations. Dewatering of site excavations will be managed under the direction of a qualified environmental professional, and will include testing and permitting by the DNR under a (WPDES) general permit for Contaminated Groundwater from Remedial Action Operations Permit.
 3. As referenced in no. 2 above, any discharge of groundwater will be conducted under strict compliance with a (WPDES) general permit for Contaminated Groundwater from Remedial Action Operations and testing to document that the discharge is compliant with permit requirement. Storm water runoff will be managed by minimizing exposure of storm water to contaminated soils and the use of erosion control practices designed to prevent erosion and silt laden storm water from being discharged from the site.
 4. Air quality will be protected by controlling dust which has the potential to contain airborne contaminants from soil contamination. Dust control measures will include placing aggregate surfaces on high traffic areas, spraying water or foam to control dust, and minimizing the exposure of contaminated soils.
 5. Vapor intrusion from residual soil contamination will be controlled by the installation of a vapor barrier and passive vapor collection system under the concrete slabs of all buildings on site.

**Recommended Template for Request to Manage Materials
under Wis. Admin. Code § NR 718.12 or NR 718.15**

Form 4400-315 (R 05/19)

Page 6 of 12

- D. Describe any procedures that have been established, or methods that will be used, to identify previously undocumented contamination during the completion of this project (such as instrument field screening, visual inspections, etc.). Also describe any contingency procedures that have been established to address unexpected contamination.

The Hazardous Materials Health & Safety Plan outlines the procedures to be implemented by the Site Safety and Health Officer to assess site conditions and direct measures necessary to protect workers and the environment. Field screening will include monitoring with a Photo Ionization Detector (PID) and a DustTrak DRX 8534, dust monitor, or similar, shall be utilized to confirm airborne dust concentration to monitor PAH and metals concentrations.

- E. Summarize how the proposed management activities will prevent or minimize adverse environmental impacts and potential threats to human health and welfare, including worker safety, by assessing how all potential exposure and migration pathways of concern, including direct contact exposure, vapor intrusion, ground water, surface water, sediment and any other relevant pathway will be addressed by the proposed management.

The Hazardous Materials Health & Safety Plan outlines procedures for implementing air monitoring for worker protection as well as ambient air monitoring to document levels of VOCs in airborne dust. This information will be used to determine when to engineering controls to protect workers and the environment.

Section 6 - Receiving site or facility information

The following information is necessary for the DNR to review the request for compliance with Wis. Admin. Code §§ NR 718.12 (2) (c) 3. In this section, describe the site or facility receiving the material by addressing the following items. Narrative boxes have a limit of 2500 characters. Please attach additional pages if necessary, clearly labeling the section of the form to which you are responding.

- A. Briefly discuss the geology and hydrogeology of the receiving site(s) or facility(ies), including information from any previous remedial investigations, and well logs or well construction records from nearby wells. Please also provide the information requested below, indicating whether the response is based on regional or site-specific information. *
- All materials removed from site will be disposed of at a licensed regulated landfill.

Depth to Bedrock (ft. below ground surface):	_____	<input type="radio"/> Regional	<input type="radio"/> Site Specific
Bedrock Type:	<input type="radio"/> Sandstone	<input type="radio"/> Limestone / Dolomite	<input type="radio"/> Metamorphic / Igneous
High Groundwater Level (ft. below ground surface):	_____	<input type="radio"/> Regional	<input type="radio"/> Site Specific
Groundwater Flow Direction:	_____	<input type="radio"/> Regional	<input type="radio"/> Site Specific

- B. Briefly describe any previous environmental site investigations or remedial actions conducted at the receiving site(s) or facility(ies). Describe the environmental condition of the portion of the receiving site(s) or facility(ies) where material will be placed including what contaminants are present, the environmental sampling conducted in that area, and whether identified contaminant concentrations exceed applicable standards. *

- C. Describe any environmentally sensitive areas at or near the receiving site(s) or facility(s) where the contaminated material will be managed.

- D. Describe the historic, current and proposed land use of the receiving site(s) or facility(ies) where the contaminated soil or other solid waste will be managed. How are these site(s) or facility(ies) zoned?

**Recommended Template for Request to Manage Materials
under Wis. Admin. Code § NR 718.12 or NR 718.15**

Form 4400-315 (R 05/19)

Page 7 of 12

E. Identify current uses of all properties adjacent to the receiving site or facility. Check all that apply.

Agricultural	<input type="checkbox"/>	N	<input type="checkbox"/>	S	<input type="checkbox"/>	E	<input type="checkbox"/>	W	<input type="checkbox"/>	NE	<input type="checkbox"/>	NW	<input type="checkbox"/>	SE	<input type="checkbox"/>	SW
Industrial	<input type="checkbox"/>	N	<input type="checkbox"/>	S	<input type="checkbox"/>	E	<input type="checkbox"/>	W	<input type="checkbox"/>	NE	<input type="checkbox"/>	NW	<input type="checkbox"/>	SE	<input type="checkbox"/>	SW
Recreational	<input type="checkbox"/>	N	<input type="checkbox"/>	S	<input type="checkbox"/>	E	<input type="checkbox"/>	W	<input type="checkbox"/>	NE	<input type="checkbox"/>	NW	<input type="checkbox"/>	SE	<input type="checkbox"/>	SW
Residential	<input type="checkbox"/>	N	<input type="checkbox"/>	S	<input type="checkbox"/>	E	<input type="checkbox"/>	W	<input type="checkbox"/>	NE	<input type="checkbox"/>	NW	<input type="checkbox"/>	SE	<input type="checkbox"/>	SW
Undeveloped	<input type="checkbox"/>	N	<input type="checkbox"/>	S	<input type="checkbox"/>	E	<input type="checkbox"/>	W	<input type="checkbox"/>	NE	<input type="checkbox"/>	NW	<input type="checkbox"/>	SE	<input type="checkbox"/>	SW
Commercial	<input type="checkbox"/>	N	<input type="checkbox"/>	S	<input type="checkbox"/>	E	<input type="checkbox"/>	W	<input type="checkbox"/>	NE	<input type="checkbox"/>	NW	<input type="checkbox"/>	SE	<input type="checkbox"/>	SW
Other	<input type="checkbox"/>	N	<input type="checkbox"/>	S	<input type="checkbox"/>	E	<input type="checkbox"/>	W	<input type="checkbox"/>	NE	<input type="checkbox"/>	NW	<input type="checkbox"/>	SE	<input type="checkbox"/>	SW

Describe "other" property use below:

F. Describe any other features of this property not addressed above that influence the suitability of the receiving site(s) or facility(ies) for the disposal of the contaminated soil or other solid waste.

Section 7 – Locational criteria

The following information is necessary for the DNR to review the request for compliance with Wis. Admin. Code §§ NR 718.12 (1) (c). Indicate if excavated material will be placed in any of the following locations*:

- Within a floodplain.
- Within 100 feet of any wetland or critical habitat area.
- Within 300 feet of any navigable river, stream, lake, pond, or flowage.
- Within 100 feet of any on-site water supply well or 300 feet of any off-site water supply well.
- Within three (3) feet of the high groundwater level.
- At a depth greater than the depth of the original excavation from which the contaminated soil was removed.

If any of the above boxes are checked, an exemption from the indicated criteria must be requested as described below. If none of the above boxes are checked, and the proposed placement of material will not otherwise pose a threat to the public health, safety, or welfare or the environment, the proposed management activities will comply with the location criteria of Wis. Admin. Code § NR 718.12 (1) (c) and you may skip the following question.

Include an explanation of why granting an exemption to the Wis. Admin. Code § NR 718.12 (1) (c) locational criteria will not cause a threat to public health, safety, or welfare or the environment by assessing how all potential exposure and migration pathways of concern, including direct contact exposure, vapor intrusion, ground water, surface water, sediment and any other relevant pathway will be addressed by the proposed management. Consider the quantity and characteristics of the material being managed, the geologic and hydrogeological characteristics of the receiving site or facility, the unavailability of other environmentally suitable alternatives, and whether the activities will comply with other state and federal regulations including other portions of Wis. Admin. Code chs. NR 700 to NR 754. The proposed site improvements and development include the construction and installation of infrastructure in contaminated soils at the site. Excavated soils at the site will be used as backfill to the greatest extent possible to minimize the amount of soil removed from the site and disposed at a landfill. The excavation and backfill of contaminated soil at the site will not cause a threat to public health, safety, or welfare of the environment which is greater than currently exists at the site.

Section 8 – Additional information for non-metallic mine receiving sites or facilities

If the material to be managed is proposed for use in reclaiming a non-metallic mine, the disposal of such a material must be specifically allowed in the mine's reclamation plan. If not, the reclamation plan needs to be modified prior to DNR approving the management of the contaminated soil at the mine. Complete this section if the proposed receiving site or facility is a non-metallic mine.

A. Current depth to groundwater at facility (feet below ground surface): _____

**Recommended Template for Request to Manage Materials
under Wis. Admin. Code § NR 718.12 or NR 718.15**

Form 4400-315 (R 05/19)

Page 8 of 12

B. Has the facility been dewatered to allow mining? Yes No

If yes, indicate the expected natural groundwater level when dewatering is terminated (feet below ground surface):

C. Is material proposed to be placed within 10 feet of the natural water table? Yes* No

If yes, provide information to justify a variance approval under Wis. Admin. Code ch. NR 503.

D. Include a copy of the reclamation plan indicating the placement of low level contaminated material is acceptable.

E. Describe any design criteria established for the disposal site, include restrictions on material placement, engineered barrier requirements, etc.

Section 9 – Continuing obligations at receiving site or facility

The following information is necessary for the DNR to review the request for compliance with Wis. Admin. Code §§ NR 718.12 (2) (d) and (e). Check the applicable boxes to indicate which continuing obligations will be specifically required to address the material being managed on the receiving site or facility. The associated language will appear in the Wis. Admin. Code ch. NR 718 Approval Letter.

No Continuing Obligations

Residual Soil Contamination:

If contaminated soil managed under this material management plan is excavated in the future, the property owner at the time of excavation will be responsible for the following:

- determine if contamination is present,
- determine whether the material would be considered solid or hazardous waste,
- ensure that any storage, treatment or disposal is in compliance with applicable statutes and rules.

Contaminated soil may be managed in accordance with Wis. Admin. Code ch. NR 718, with prior DNR approval. In addition, all current and future property owners and occupants of the property and right-of-way holders need to be aware that excavation of the contaminated soil may pose a hazard and as a result special precautions may need to be taken during excavation activities to prevent a health threat to humans. A historic fill exemption is required prior to construction of any structures over fill materials.

Depending on site-specific conditions, construction over contaminated soils or groundwater may also result in vapor migration of contaminants into enclosed structures or migration along underground utility lines. The potential for vapor intrusion and means of 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.

Maintenance of a cover:

A soil cover/engineered cover/other has been placed over remaining contamination and this cover must be maintained. Inspections will be required, and submittal of inspection reports may be required. Certain activities which would disturb the cover or barrier will be prohibited. If the cover is approved for industrial land use, notification of the DNR is required before changing to a non-industrial use, to determine if the cover will be protective for that use. A maintenance plan is attached, which describes the maintenance activities to be required. If the DNR requires changes to the maintenance plan, an updated maintenance plan must be provided at the completion of the soil disposal action. A map is attached which shows the location of the extent of contaminated materials and the extent of the cover.

Use of Industrial Land Use Soil Standards:

Industrial soil standards have been applied for the site receiving the contaminated materials. The DNR must be notified if the property land use will change from industrial use to a non-industrial land use. Additional investigation and remediation may be required prior to the change in land use to ensure the site conditions are protective for the planned land use.

Recommended Template for Request to Manage Materials under Wis. Admin. Code § NR 718.12 or NR 718.15

Form 4400-315 (R 05/19)

Page 9 of 12

Vapor: Future Actions to Address Vapor Intrusion:

While vapor intrusion does not currently exist, if a building is constructed on this property, or reconstructed, or if use of a building is changed to a non-industrial use, vapor intrusion may be a concern. The DNR must be notified before construction of a building or changing the use of an existing building to non-industrial use. The use of vapor control technologies or an assessment of the potential for vapor intrusion will be required at that time.

Site specific condition:

Describe the site specific condition:

Section 10 – Figures

Providing figures as part of the material management plan will allow DNR staff to more quickly evaluate the compliance of the request with the requirements of Wis. Admin. Code §§ NR 718.12 (1) and (2) and NR 718.15. The following are recommended figures to be submitted with this request.

The DNR recommends that all maps are drawn to scale not larger than 1 inch equal to 100 feet and labeled with the site or facility name and address. The location of the property and the specific disposal area should be provided in sufficient detail to allow DNR personnel to inspect these areas in the future. Providing a "cut/fill" map that clearly depicts how much material will be removed or added to different areas of the involved property(ies) and depicting how material will be moved across the site is also highly recommended. Providing cross sections that depict site conditions before and after material management activities is also recommended.

Attach appropriate figures to this form. Use the following checklist to ensure recommended items are included in the attached figures.

- The boundaries of each property involved in the project as well as named and unnamed roads or access points, buildings and other surface features, underground utilities, land uses on adjacent properties, and known and potential sources of hazardous substances.
- The location of wetlands, critical habitat areas, floodplains, surface water bodies, water supply wells, or other possible receptors located near or within the area where material will be managed.
- The lateral extent and depth of planned excavation, grading, or otherwise disturbed areas.
- The lateral extent and thickness of excavated material placement locations.
- Soil sample locations at the response action site and receiving site(s) or facility(ies). Depict applicable soil contaminant concentration data and sample depths. Indicate the extent of contamination exceeding a RCL.
- Depth to groundwater.
- The extent of any performance standards (such as a barrier or cap) that will be required at the completion of management activities.

Section 11 - Additional Attachments

The following documents are recommended for inclusion with a Wis. Admin. Code § NR 718.12 or a Wis. Admin. Code § 718.15 request. Indicate which of these documents are included in this request by checking the boxes below.

**Recommended Template for Request to Manage Materials
under Wis. Admin. Code § NR 718.12 or NR 718.15**

Form 4400-315 (R 05/19)

Page 10 of 12

- A table summarizing the analytical results of all soil/waste samples collected at the generating site or facility that meets the requirements of Wis. Admin. Code § 716.15 (4) (e). Clearly indicate which of these samples were collected from material that is proposed to be managed.
- The analytical package for all samples listed on the above table. The package should include the sample results, chain of custody, sampling methods, and QA/QC data.
- A maintenance plan for any performance standard needed to address the material proposed to be managed. The plan should follow the format found in DNR Form 4400-202, Attachment D.
- A copy of the reclamation plan for the receiving site or facility if it is a nonmetallic mine. Confirm the plan allows for acceptance of contaminated soil by marking relevant plan sections.
- Power of Attorney (if applicable, see Section 12).
- Deed for the property receiving the contaminated material. If a certified survey map or plat map is referenced by this deed then also include those documents.
- Provide a copy of a parcel map depicting the property(ies) boundaries.

**Recommended Template for Request to Manage Materials
under Wis. Admin. Code § NR 718.12 or NR 718.15**

Form 4400-315 (R 05/19)

Page 11 of 12

Section 12 - Certification Statements

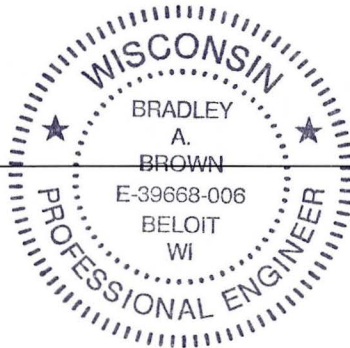
Wis. Admin. Code ch. NR 712, entitled "Personnel Qualifications for Conducting Environmental Response Actions," establishes minimum standards for experience and professional qualifications for persons who perform certain environmental services. All exemption requests submitted to manage contaminated soil or other solid waste as an interim action or remedial action under Wis. Admin. Code chs. NR 708 or NR 722 must be prepared by, or prepared under, the supervision of a professional engineer per Wis. Admin. Code ch. NR 712. The professional engineer who prepared or supervised this exemption request should complete the following section. This law applies to work conducted under Wis. Admin. Code ch. NR 718, unless specifically exempted.

Per Wis. Admin. Code § NR 712.09 (3) (a), the following certification shall be attached to any submittal that is required to be prepared by, or under the supervision of, a professional engineer under s. NR 712.07 (2), (3) or (5):

"I, Bradley A. Brown, hereby certify that I am a registered professional engineer in the State of Wisconsin, registered in accordance with the requirements of ch. A-E 4, Wis. Adm. Code; that this document has been prepared in accordance with the Rules of Professional Conduct in ch. A-E 8, Wis. Adm. Code; and that, to the best of my knowledge, all information contained in this document is correct and the document was prepared in compliance with all applicable requirements in chs. NR 700 to 726, Wis. Adm. Code."

Principal

Signature, title and P.E. number



E-39668-006

P.E. stamp

In addition, if the work certified included investigation or evaluation of groundwater conditions, or groundwater related conclusions or recommendations, Wis. Admin. Code § NR 712.09 (3) (b) requires the following certification shall be attached to any submittal that is required to be prepared or to have its preparation supervised by a certified hydrogeologist under s. NR 712.07 (2), (4) or (5):

"I, _____, hereby certify that I am a hydrogeologist as that term is defined in s. NR 712.03 (1), Wis. Adm. Code, am registered in accordance with the requirements of ch. GHSS 2, Wis. Adm. Code, or licensed in accordance with the requirements of ch. GHSS 3, Wis. Adm. Code, and that, to the best of my knowledge, all of the information contained in this document is correct and the document was prepared in compliance with all applicable requirements in chs. NR 700 to 726, Wis. Adm. Code."

Signature and title

Date

**Recommended Template for Request to Manage Materials
under Wis. Admin. Code § NR 718.12 or NR 718.15**

Form 4400-315 (R 05/19)

Page 12 of 12

Section 13 - Signatures

Owner(s) of receiving site(s) or facility(ies) if different than generating site

Each property owner of receiving site(s) or facility(ies) involved in the management project must provide their signature as part of this request. If one of the owners of the receiving site(s) or facility(ies) is acting on behalf of other owners, a power of attorney form or statement must be signed and attached to this agreement clearly granting the agent the authority to accept the contaminated materials on behalf of all other owners of the receiving site(s) or facility(ies) whose signatures are not included on this agreement.

I understand that by signing this application I certify that I will follow the conditions and limitations required by law and specified in the exemption issued to me as owner of the site or facility that will receive the contaminated soil. Further, I certify that the contaminated soil proposed to be managed under this exemption will be at a property that meets the definition of "site" or "facility" under Wis. Stats. ch.292 and Wis. Admin. Code chs. NR 700 – 754, and I understand that the material must be managed any time in the future as a solid waste with the department's approval. I understand that this exemption will be tracked in the Wisconsin Remediation and Redevelopment Database, and if required, will include maintenance and inspection by me of any continuing obligations, such as maintaining an engineering control or barrier over the contaminated material, and will also be subject to inspection by the department. I understand that the conditions on my site or facility may be subject to Wis. Stats. ch. 709, Disclosures by Owners of Real Estate. I believe that the legal description for all properties where material will be managed is included with this submittal.

Receiving site or facility address as listed in Section 3F: _____

_____ Print Name	_____ Signature	_____ Date
_____ Print Name	_____ Signature	_____ Date