

Notice: This form must be completed and retained by the sediment manager prior to the initiation of the end use of accumulated sediment from a stormwater management structure, in accordance with ch. NR 528, Wis. Adm. Code. Completion of the worksheets included in this form directs the user to the appropriate level of certification necessary to comply with the requirements of ch. NR 528. Failure to accurately fill out this form or comply with the requirements of ch. NR 528 is subject to enforcement under ss. 289.96 and 299.97, Wis. Stats. The user may consult technical support materials provided by the department to assist in the management of accumulated sediment in a beneficial and safe manner. Personal information is not intended to be used for any other purpose, but may be made available to requesters under Wisconsin's Open Records laws (s. 19.35, Wis. Stats.).

NOTE: See last page of form for definitions and other information that may help complete this form.

Instructions: Anyone completing this form must complete Sections 1, 2 and 3. Unless otherwise directed, the sediment manager shall complete Part A, and if appropriate, ensure that Part B is completed. Complete Part C if the sediment will be used in a dedicated sediment management site and Part D if 100 cubic yards or less of coarse-grained sediment will be used. Please refer to WA1375 Management of Accumulated Sediment from Storm Water Structures at <http://dnr.wi.gov/org/aw/wm/publications/anewpub/wa1375.pdf> when completing this form.

Section 1: Sediment Manager Information

Sediment Manager's Name		Affiliation	
Title		Telephone Number	
Address		City	State ZIP Code
Email Address			

Section 2: Site-specific Information

Name of Storm Water Management Structure			Site/Property Identification No. (if known)		
Address			City	State ZIP Code	
County	Township	Range <input type="checkbox"/> E <input type="checkbox"/> W	Section $\frac{1}{4}$ $\frac{1}{4}$	Latitude (decimal degrees)	Longitude (decimal degrees)
Construction Year	Volume Removed (in cubic yards)		Date Sediment Was Last Removed (if applicable)		

Section 3: End Use Site Information

Name of End Use Site			Site/Property Identification No. (if known)		
Address			City	State ZIP Code	
County	Township	Range <input type="checkbox"/> E <input type="checkbox"/> W	Section $\frac{1}{4}$ $\frac{1}{4}$	Latitude (decimal degrees)	Longitude (decimal degrees)

List the type of use chosen for the accumulated sediment (check all that apply):

- | | | |
|---|---|--|
| <input type="checkbox"/> General Fill | <input type="checkbox"/> Landspreading | <input type="checkbox"/> Small Quantity, Coarse Gained Sediment Mgmt |
| <input type="checkbox"/> Confined Geotechnical Fill | <input type="checkbox"/> Dedicated sediment management site | <input type="checkbox"/> End use under other control |

Briefly describe end use (e.g., subbase layer beneath parking lot)

Accumulated Sediment End Use Certification

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Part A Sediment Manager Certification

To be completed by the sediment manager to evaluate the drainage area from which the accumulated sediment was removed and determine if the certification criteria listed below have been met.

Part A Worksheet

Information on Drainage Area to Storm Water Management Structure

	Percent of Land Uses
Open space (parks, cemeteries, woodlands, golf courses)	
1- and 2-family residential	
Multi-family residential (3 or more)	
Institutional (schools, hospitals, churches, offices)	
Light industrial (no outdoor material storage)	
Commercial (malls, shopping centers)	
Heavy industrial (some outdoor material storage)	

	Presence of Areas of Suspected Contamination or Other Concerns Based on Site History (Yes or No)
Outside storage and loading areas of industries	<input type="radio"/> Yes <input type="radio"/> No
Vehicle fueling and maintenance areas (gas stations)	<input type="radio"/> Yes <input type="radio"/> No
Arterial roads (multi-lane, high traffic)	<input type="radio"/> Yes <input type="radio"/> No
Commercial with 40 or more stalls	<input type="radio"/> Yes <input type="radio"/> No
Leaking underground storage tanks currently or previously on property	<input type="radio"/> Yes <input type="radio"/> No
Spills of chemicals, oil or hazardous materials	<input type="radio"/> Yes <input type="radio"/> No
Dedicated snow storage areas	<input type="radio"/> Yes <input type="radio"/> No
Agriculture land use history suggests persistent pesticides may be in sediment	<input type="radio"/> Yes <input type="radio"/> No
Other?	<input type="radio"/> Yes <input type="radio"/> No

Refer to Part A Worksheet prior to certifying the information below. Based on Part A Worksheet and pursuant to s. NR 528.06(2) Wis. Adm. Code, I determine the drainage area to the storm water management structure meets the following criteria (check any that apply):

- 1. Has less than 15% commercial, multi-family residential, institutional and industrial land uses combined.
- 2. Has no areas of suspected contamination.
- 3. Has no other existing conditions or known historical events that may affect the likelihood of safe sediment management.
- 4. Has no reported hazardous substance spills per s. 292.11, Wis. Stats. since construction or since accumulated sediment was last removed (provide date of last sediment removal in Section 2).

Based on whether the above four criteria are met, the following steps have been taken (check any which apply):

- The drainage area to the storm water management structure meets all 4 criteria listed above and in s. NR 528.06(2), Wis. Adm. Code so sampling under s. NR 528.06(3), Wis. Adm. Code is not required and I am certifying under Part A and do not have to complete Part B.
- The drainage area to the storm water management structure does not meet all four criteria so sampling under s. NR 528.06(3), Wis. Adm. Code is required and an environmental professional must certify under Part B.

Records are being maintained as follows (check if true):

- Record retention is being performed in accordance with s. NR 528.08, Wis. Adm. Code.

Certification Statement

I hereby certify that the accumulated sediment will be used in the manner specified in Section 3, the performance standards in s. NR 528.04(2), Wis. Adm. Code and locational criteria, if applicable, in s. NR 528.04(1), Wis. Adm. Code will be met, and the erosion control measures in s. NR 528.04(3), Wis. Adm. Code will be implemented. I certify that the information provided in sections 1, 2 and 3 and Part A on this form is true, accurate and complete to the best of my knowledge and I agree to retain this form and other data records in accordance with s. NR 528.08, Wis. Adm. Code. I am aware that violation of these requirements is subject to enforcement under ss. 289.96 and 299.97 Wis. Stats.

Sediment Manager	Title	Date Signed
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Part B Professional Certification: Must be completed by a professional geologist, hydrologist, engineer or soil scientist

Based on information obtained in Part A, the following action was taken (check those that apply):

- The drainage area meets criteria 2, 3 and 4 but does not meet criterion 1, so initial sampling under NR 528.06(3)(b)1. to 4. was performed under my direction. I reviewed the results and have determined the following actions will be taken (check any which apply):
 - NR 528.04(4) Table 2 ceiling levels were exceeded so the sediment will be taken to a licensed landfill.
 - NR 528.04(4) Table 2 ceiling levels were not exceeded but sampling results for indicator parameters listed under NR 528.06(3)(b)3 and 4 indicated elevated levels of contaminants, so follow-up sampling in accordance with NR 528.06(3)(b)5 has been performed and I have evaluated the results under Part B2.
 - NR 528.04(4) Table 2 ceiling levels were not exceeded and the sampling results for indicator parameters listed under NR 528.06(3)(b)3 and 4 did not indicate elevated levels of contaminants, so I am recommending the end use described under Section 3 and complete certification statement.
- The drainage area does not meet criteria 2, 3 or 4, so go to Part B1 to determine additional parameters to add to the initial sampling.

Part B1: Only to be completed if criteria 2, 3 or 4 in Part A are not met.

Part B1 Worksheet: Information on Drainage Area to Storm Water Management Structure

Presence of Areas of Suspected Contamination or Other Conditions or Events (Example)	Provide Details
<i>Tier I Industry (NR 216.21(2)(a))</i>	
<i>Tier II storage and loading areas (NR 216.21(2)(b))</i>	
<i>Brownfields</i>	
<i>Oil or chemical spill has occurred</i>	
<i>Agriculture land use history suggests persistent pesticides may be in sediment.</i>	
<i>Other uses such as but not limited to those in Part A Worksheet</i>	

I completed Part B1 Worksheet and determined an appropriate management option (check if true):

- Based on the results of the second half of Part A Worksheet and Part B1 Worksheet, I have added the appropriate additional parameters to the initial sampling under NR 528.06(3)(b)1 to 4, performed initial sampling, saw no elevated levels of contaminants and am recommending the end use listed in Section 3.
- The initial sampling performed after adding additional parameters indicated elevated levels of contaminants so I will follow the steps in Part B2 to determine an appropriate end use.

Part B2: To be completed if directed here from Part B1 or if ceiling levels were not exceeded but initial sampling results under NR 528.06(3)(b)1 to 4 indicated elevated levels of contaminants.

Initial sampling results under NR 528.06(3)(b)1 to 4 indicated elevated levels of contaminants so the following action occurred (check those that apply):

- Follow-up sampling was performed in accordance with NR 528.06(3)(b)5 and the results evaluated.
- The end use listed under Section 3 was chosen.
- The end use listed under Section 3 was chosen and more stringent management was employed under my direction.
- Record retention is being performed in accordance with NR 528.08.

Certification Statement

I am a professional engineer registered to practice in Wisconsin or a geologist, hydrologist or soil scientist licensed to practice in Wisconsin and am qualified by training and experience to evaluate the potential for soil, surface water and groundwater contamination from the end use of accumulated sediment.

I hereby certify that the accumulated sediment is not a hazardous waste, as defined by s. NR 661.03, Wis. Adm. Code. I hereby certify that the information provided in Part B, B1 and B2 on this form is true, accurate and complete to the best of my knowledge. Based on my evaluation of the accumulated sediment sampling results, intended end use, site-specific factors at the end use site and management practices I certify that if the end use chosen in Section 3 is properly implemented, the site will meet the applicable requirements of s. NR 528.04, Wis. Adm. Code and it is likely the site will not cause any significant risk to public health, safety or welfare or the environment. My professional opinion is given to a reasonable degree of professional certainty, and is based upon my evaluation of reasonable and sufficient information and generally accepted engineering and scientific practices. I am aware that violation of these requirements is subject to enforcement under secs. 289.96 and 299.97 Wis. Stats.

Engineer/Geologist/Hydrologist/Soil Scientist	Title	Registration No.	Date Signed
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Part C Dedicated Sediment Management Site Certification

To be completed by the sediment manager wishing to use accumulated sediment at a dedicated sediment management site in accordance with NR 528.07(5). Sections 1, 2 and 3 at the beginning of the form must also be completed.

The following management requirements have been implemented at the dedicated sediment management site (check those that apply):

- Site is owned or leased by a municipality or other responsible unit of government.
- Sediment application at a depth of 18 inches or less below ground surface.
- Additional practices to control run-on and runoff or monitoring of soils, plant tissue or other environmental receptors or evaluation of sampling data to ensure safe long term site use pursuant to NR 528.07(4)(b).
- Record retention is being performed in accordance with NR 528.07(5)(d).
- An affidavit indicating the site has been used as a dedicated sediment management site has been filed in the registrar of deeds office in the county where the site is located.

Certification Statement

I am a professional engineer registered to practice in Wisconsin or a geologist, hydrologist or soil scientist licensed to practice in Wisconsin and am qualified by training and experience to evaluate the potential for soil, surface water and groundwater contamination from the end use of accumulated sediment.

I hereby certify that the accumulated sediment is not a hazardous waste, as defined by s. NR 661.03, Wis. Adm. Code. I hereby certify that the information provided in Part B, B1 and B2 on this form is true, accurate and complete to the best of my knowledge. Based on my evaluation of the accumulated sediment sampling results, intended end use, site-specific factors at the use site and management practices I certify that if the end use chosen in Section 3 is properly implemented, the site will meet the applicable requirements of s. NR 528.04, Wis. Adm. Code and it is likely the site will not cause any significant risk to public health, safety or welfare or the environment. My professional opinion is given to a reasonable degree of professional certainty, and is based upon my evaluation of reasonable and sufficient information and generally accepted engineering and scientific practices. I am aware that violation of these requirements is subject to enforcement under secs. 289.96 and 299.97 Wis. Stats.

Engineer/Geologist/Hydrologist/Soil Scientist	Title	Registration No.	Date Signed
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Part D Coarse Grained Sediment Certification

To be completed by the sediment manager wishing to dispose of 100 cubic yards or less of primarily coarse grained accumulated sediment such as that found in the forebay. Sections 1, 2 and 3 at the beginning of the form must also be completed.

The following criteria are met (check those that apply):

- 1. The quantity of accumulated sediment to be managed is 100 cubic yards or less.
- 2. No more than 15% of the accumulated sediment material, percent by weight, passes a No. 200 sieve.
- 3. As sediment manager I agree to maintain responsibility for disposal of the accumulated sediment.

- All three criteria listed in Part D are met, so the material does not need to be sampled and the sediment shall be managed in accordance with NR 528.04(1) and (2).
- One or more of the three criteria listed in Part D are not met, so the material may not be managed under NR 528.07(6) so it must be managed under NR 528.05.
- Record retention is being performed in accordance with NR 528.08.

Certification Statement

I hereby certify that the accumulated sediment will be used in the manner specified in Section 3 and in accordance with ch. NR 528, Wis. Adm. Code and, the performance standards in s. NR 528.04(2), Wis. Adm. Code will be met. The information provided in sections 1, 2 and 3 and Part D is true, accurate and complete to the best of my knowledge. This form and other data records will be retained in accordance with s. NR 528.08, Wis. Adm. Code. I am aware that violation of these requirements is subject to enforcement under secs. 289.96 and 299.97 Wis. Stats.

Sediment Manager	Title	Date Signed
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Information To Help Complete The Certification Form

NR 528.03 Definitions

“Sediment manager” means any person with responsibility for the management of the accumulated sediment and may include those holding fee title, an easement or other interest in a property, or their agent, including contractors or subcontractors and others required or authorized to undertake removal and subsequent management of accumulated sediment, including data gathering, reporting and recordkeeping.

“Environmental professional” means a professional engineer registered pursuant to s. 443.04, Wis. Stats. or a professional soil scientist, geologist or hydrologist licensed under ch. 470, Wis. Stats.

NR 528.04(2) Performance standards.

(a) No person may use or dispose of accumulated sediment at a site if there is a reasonable probability that the sediment end use will cause any of the following:

1. A significant adverse impact on wetlands as defined in ch. NR 103.
2. A take of an endangered or threatened species prohibited by s. 29.604, Stats.
3. A detrimental effect on any surface water.
4. A detrimental effect on groundwater quality that will cause or exacerbate an exceedance of any preventive action limit or enforcement standard at a point of standards application as defined in ch. NR 140. The point of standards application is defined by s. NR 140.22 (1).

NR 528.04(3) Erosion control measures.

The sediment manager shall ensure that measures are taken to control run-on and runoff, minimize the area disturbed by the project, minimize loss of fugitive dust and retain sediment on the site during and after the placement of the accumulated sediment. Runoff control measures shall be effectively inspected and maintained. Any area where topsoil is exposed shall be seeded and mulched or otherwise stabilized within 48 hours of placement. Where applicable, the requirements in ch. NR 216 shall be followed.

**Table 1
Locational Criteria for Management of Accumulated Sediment**

	Bedrock or Groundwater Table	Public Water Supply Well	Private Water Supply Well	Lake, Wetland, Pond, or Any Navigable Waterway or Sinkhole	Residence	School, Healthcare Facility
Separation Distance in Feet	3	1,200	250	200	250	1,000 ¹ surface spread 500 incorporated

¹The 1,000 foot separation applies when the pathogen or indicator organism level exceeds the criteria specified in s. NR 204.07(6) and application to the surface of the land is the desired management option; if incorporated into the soil, then 500 feet is appropriate. However, if the pathogen or indicator organism level is below the criteria, the setback distance for a residence may be used.

**Table 2
Ceiling Levels Governing Management of Accumulated Sediment**

Parameter	Ceiling Level ppm or mg/kg on a dry weight basis unless otherwise specified
Total Arsenic	8
Total Cadmium	10
Total Chromium	100
Total Lead	250
pH	Less than 5 or greater than 10 standard units
Electrical conductivity	8 deciSiemens/meter (dS/m) ¹ at 25°C

¹deciSiemens/meter (dS/m) and mmhos per centimeter are equivalent; dS/m is the modern nomenclature.