



**Minnesota Pollution  
Control Agency**

520 Lafayette Road North  
St. Paul, MN 55155-4194

# PAH Contaminated Stormwater Pond Sediment Application

Environmental Assistance (EA) Grant Program  
FY 12-13 Focus Area 1C

*Doc Type: Grant Application*

**Instructions** on how to complete this application are located on page three of this application form. **Please read** the complete Request for Proposals (RFP) and other associated documents before submitting this application. Eligible applicants are limited to municipalities that have adopted ordinances for the restricted use of undiluted coal tar sealants. Eligible project proposals are limited to those municipal projects focusing on removal and management of stormwater pond sediments contaminated with polycyclic aromatic hydrocarbons (PAH) - maximum grant amount of \$100,000; minimum 50 percent match from non-state funding sources required. Grant funds are specifically designated for eligible transportation and disposal costs. Construction/heavy equipment projects are subject to the hours of employment and wage rate provisions of Minn. Stat. §§ 177.41-177.44 and Minn. R. 5200.1000-5200.1120. To obtain specific wage rates, you must contact the Minnesota Department of Labor and Industry, Prevailing Wage Section, 443 Lafayette Road North, St. Paul, Minnesota, 55155, [DLI.PrevWage@state.mn.us](mailto:DLI.PrevWage@state.mn.us) or 651-284-5091.

**MPCA Use Only**

Grant ID#:

Grant/project administrator:

## Part I Application Cover Page

Applicant name: \_\_\_\_\_  
Address: \_\_\_\_\_  
City: \_\_\_\_\_ State: \_\_\_\_\_ Zip code: \_\_\_\_\_ County: \_\_\_\_\_  
Mailing address (if different): \_\_\_\_\_  
City: \_\_\_\_\_ State: \_\_\_\_\_ Zip code: \_\_\_\_\_ County: \_\_\_\_\_  
Contact name: \_\_\_\_\_ Title: \_\_\_\_\_  
E-mail: \_\_\_\_\_ Applicant's website: \_\_\_\_\_  
Phone: \_\_\_\_\_ Fax: \_\_\_\_\_ MN House Dist: \_\_\_\_\_

**Project title:** \_\_\_\_\_

Project summary:

Grant requested: \$ \_\_\_\_\_ + Matching funds/value of In-kind: \$ \_\_\_\_\_ = Total project cost: \$ \_\_\_\_\_

### Matching funds

- Applicant is the sole source of Matching Funds for the proposed project? ☐ Yes ☐ No  
**If no**, does this submittal include proof of secured matching funds? ☐ Yes ☐ No
- Applicant is governed by a Board and has attached necessary Board resolutions? ☐ Yes ☐ No  
**If yes**, provide date of resolution: \_\_\_\_\_  
**If no**, explain: \_\_\_\_\_
- Applicant is in compliance with Minnesota's tax and environmental regulatory requirements? ☐ Yes ☐ No  
**If no**, explain: \_\_\_\_\_
- Applicant must have already adopted an ordinance for the purpose of restricting undiluted coal tar sealants? ☐ Yes ☐ No  
**If yes**, attach ordinance. **If no**, applicant is not eligible to apply.
- Applicant has a project need demonstrated through laboratory analysis which shows sediments are contaminated and require special management? ☐ Yes ☐ No  
**If yes**, attach laboratory analysis and summary of stormwater pond testing results. **If no**, applicant is not eligible to apply.

## Part 2 Estimate Information

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- 2.a. Applicant has secured a written cost estimate? ☐ Yes ☐ No If yes, attach estimate.
- 2.b. Total number of sediment removal locations: \_\_\_\_\_  
(Insert number of excavation sites here and Global Positioning System (GPS) coordinates list below.)
- 2.c. Estimated number of cubic yards to be managed: \_\_\_\_\_
- 2.d. Total cost estimated to manage contaminated stormwater sediment: \$ \_\_\_\_\_
- 2.e. Cost for transportation component alone: \$ \_\_\_\_\_
- 2.f. Cost for laboratory analysis alone: \$ \_\_\_\_\_
- 2.g. Level of contamination (check one): ☐ Tier 1 ☐ Tier 2 ☐ Tier 3 ☐ RCRA regulated waste

## Part 3 Disposal Information

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### Management method (check one):

- ☐ Industrial fill ☐ MSW landfill ☐ Beneficial reuse ☐ Hazardous waste facility
- ☐ Other: \_\_\_\_\_

### Disposal or treatment location

Name: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip code: \_\_\_\_\_

### GPS coordinates for removal sites

Latitude	Longitude

## Instructions, Glossary of Terms, and Definitions **(Delete this section prior to submittal.)**

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**Date of resolution** - The date that your Local Governmental Unit (LGU) resolved to request grant funding to remove contaminated sediment from stormwater ponds, or other waters of the state. This date should correspond to the date action was taken by a council, board, or Commissioner, resulting in a resolution to remove and manage contaminated stormwater sediments.

**GPS coordinates for removal sites** - Location(s) should be listed on the application form with latitude and longitude coordinates. Coordinate locations should be the approximate center of the stormwater pond or sediment removal location. The LGU can use readily available global positioning tools such as Google Earth, Bing Maps, or similar mapping and geographical information tools.

**GPS coordinates for the disposal, treatment, or beneficial reuse location** - This is the GPS coordinates for the final disposition of the sediments. This location does not need to be specific to the exact location. For example; if sediments are being sent to a land fill or land farming facility, the GPS location of the main gate, main office, or approximate center of the parcel may be used to identify the location.

**Level of contamination** - Is defined through laboratory analysis and the level of contamination guides what management methods are appropriate for dredged material. Dredged material is categorized into three management levels:

- **Level 1** Dredged material is suitable for use or reuse on properties with a residential or recreational use category.
- **Level 2** Dredged material is suitable for use or reuse on properties with an industrial use category. This option allows sediment to be placed as fill at an industrial site that is already contaminated with PAHs. This option requires acceptance and approval from those responsible for management of the contaminated industrial site.
- **Level 3** Dredged material is characterized as having significant contamination, as demonstrated by one or more analyte concentrations being greater than the Level 2 soil reference values as described in the guidance material (*Managing Dredged Materials in the State of Minnesota*, starting on page 15) on the Minnesota Pollution Control Agency (MPCA) website at <http://www.pca.state.mn.us/wfhy824>.

**In some cases** Level 3 sediments may be contaminated at levels subject to regulation under the Resource Conservation and Recovery Act (RCRA) and/or the Toxic Substances Control Act (TSCA), if PCB concentrations in sediment are 50 milligrams/ kilograms (mg/kg) dry weight or greater. For these instances additional regulations apply, and disposal of the waste is strictly regulated. You should contact the MPCA for additional guidance.

**Local Government Unit (LGU)** - Includes cities, towns, townships, counties, or any other political subdivision having the ability to pass ordinances or local laws.

**Management methods** - Management methods include the following four options:

1. Commercial or industrial fill (*Level 2 contamination only*). This option allows sediment to be placed as fill at an industrial site that is already contaminated with PAHs. This option requires acceptance and approval from those responsible for management of the contaminated industrial site.
2. Permitted Municipal Solid Waste (MSW) landfill. (*The receiving MSW must have an industrial waste management plan; Level 2 or Level 3.*)
3. Permitted land farming, treatment facility, or beneficial reuse, (*beneficial reuse or feedstock plans must be preapproved with the MPCA*).
4. Permitted hazardous waste facility. (*If Level 3 sediments cannot be accepted by an MSW landfill or qualify for beneficial reuse or treatment options.*)

For case by case approvals for beneficial reuse of contaminated sediments or assistance with how to manage sediments that cannot be accepted or managed at an MSW facility, please contact Don Berger at [donald.berger@state.mn.us](mailto:donald.berger@state.mn.us) or by calling 651-757-2223 or 1-800-657-3864.

**Matching funds** – Matching funds (cash and/or in-kind) are considered identified and documented as secured if the applicant is providing all matching funds, or if the applicant submits written documentation (letters or resolutions) from those committed to provide the matching funds. Matching funds must come from non-state funding sources.

**Polycyclic Aromatic Hydrocarbons (PAH)** - PAHs are ubiquitous environmental contaminants, some of which are formed by the incomplete combustion of organic materials, such as wood or fossil fuels.

**Sampling plan and protocol** - See MPCA guidance document (*Managing Dredged Materials in the State of Minnesota*, starting on page 13), found on the MPCA website at <http://www.pca.state.mn.us/wfhy824>.

**Sediment analysis and laboratory results** - The data showing that stormwater sediment is contaminated with PAH's and requires special management. Laboratory results must be reported in milligrams per kilogram.

**Total number of sediment removal locations** - This is **total number** of locations within the LGU's jurisdiction where contaminated sediments will be removed. These locations should be listed on the application form with latitude and longitude coordinates. Coordinate locations should be the approximate center of the stormwater pond or sediment removal location. The LGU can use readily available global positioning tools, such as Google Earth, Bing Maps, or similar mapping and geographical information tools.

**Transportation costs** - The cost to transport contaminated stormwater sediments from the removal location to the treatment, disposal, or beneficial reuse location. This cost is being singled out for tracking as initial cost estimates indicate transportation costs are a significant component of the overall management costs.

**Waters of the State** - Includes all streams, lakes, ponds, marshes, watercourses, waterways, wells, springs, reservoirs, aquifers, irrigation systems, drainage systems and all other bodies or accumulations of water, surface or underground, natural or artificial, public or private, which are contained within, flow through, or border upon the state or any portion thereof.

**Written cost estimate** - The LGU is required to attach a cost estimate with the application for grant funding. The MPCA recommends that LGU should receive a minimum of three written estimates. Estimates should include line item amounts for the cost to transport sediments, estimated total number of cubic yards of sediment to be managed, and the total cost to manage the sediments.

## Submittal

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**Submit your completed application to:** [grants-loans.pca@state.mn.us](mailto:grants-loans.pca@state.mn.us). If you are unable to include scanned or PDF documents of required attachments as part of your electronic application submittal, please note in the applicable sections when such documentation will be provided and if it will be either faxed or sent through the postal system. Please send all faxed (651-215-0246) or mailed documents to the attention of Sally Pinski, MPCA, 520 Lafayette Road North, St. Paul, MN 55155.