



LOI # 2

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Organization: Port of Seattle, Marine Stormwater Utility

Study Title: Managing Polluted Pressure Washing Runoff

Which topics from the SWG's priority list (Appendix A) do you propose to address?

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What type of project is being proposed?

Survey; Literature review & synthesis; demonstration and education of operational BMPs

Short description of the proposed project

This study will gather information on, create new resources for, and share information about BMPs and operational procedures for pressure washing and controlling potentially polluted discharges. The target audience and the intended technical advisory committee members are municipal stormwater permittees throughout Washington state, many of whom implement various structural and operational BMPs to manage pressure washing activities.

Tasks for the study are anticipated to include:

1. Surveying municipal permittees on what BMPs and operational methods are used for managing discharges from pressure washing. The information will be compiled in a digital BMP library to encompass a wide variety of structures, surfaces, settings, and climates.
2. Creating new resources for municipal stormwater permittees related to the effective use of pressure washing BMPs. Deliverables may include outreach materials (e.g., brochure or poster), Storymaps, or videos.
3. Providing in-person workshop(s) with demonstrations of pressure washing BMPs for containing, assessing, and properly disposing of discharge water. It is anticipated that at least one of the workshops will be recorded and posted on the Washington Stormwater Center's YouTube channel.



4. Publishing outcomes from the study, including a digital BMP library, additional resources developed for this study, workshop curriculum and video, and a project fact sheet.
5. Additional tasks are anticipated to include a Communication Plan and Project Management.

To date, little guidance is available to support pressure washing and operational methods to manage polluted discharge water. The outcomes and resources from this study will help support consistent compliance with this recent NPDES permit requirement.

What type of information will be collected or analyzed for this proposed study?

Types of pressure washing BMPs and methods of effective operational use and implementation to manage polluted discharge wastewater.

What are the anticipated measurable outcomes and key deliverables that will be produced by the proposed study and how will they be used by Permittees and the Washington State Department of Ecology?

- Digital library of pressure washing BMPs, including operational methods and equipment for effective implementation and managing polluted washwater.
- Publication of new resources for managing pressure washing runoff (which may include outreach materials, webmaps, or videos).
- Powerpoint slides of workshop curriculum on pressure washing BMP implementation.
- Video of workshop on pressure washing BMP implementation.
- Project fact sheet.

List the permittees or agencies you are proposing to coordinate with.

Port of Seattle Marine Stormwater Utility (Ondrej Sklenar, Environmental Program Manager, 206-409-2329; Jane Dewell, Senior Manager, 206-475-8079); Herrera Environmental Consultants (James Packman, Associate Scientist, 206-498-7092); will reach out to other Ports and municipalities to add to Technical Advisory Committee