

City and Borough of Sitka “Granite Creek Watershed Restoration Strategy”



FY02 Grant Amount: \$30,500

Project Match: \$20,333



Description and Purpose: This project will develop a Granite Creek Watershed Recovery Strategy that meets the requirements for a TMDL for sediment and turbidity. The goal of the project is to identify and put in place the pollution controls that will ensure compliance with water quality standards. The project also begins implementing the operational and management recommendations outlined in the recently completed *Granite Creek Environmental Analysis* and will establish load capacity and load allocations for sediment. Once approved by EPA, the Granite Creek Waterbody Recovery Strategy and TMDL will result in Granite Creek being removed from the Clean Water Act Section (303d) list of impaired waterbodies. Follow-up monitoring of the effectiveness of controls is expected to verify compliance with water quality standards.

Evaluation of Environmental Benefit:

The environmental benefit of the project will be measured in the following ways:

- Effectiveness of the new pollution controls in reducing sediment and turbidity will be assessed by comparing before and after water quality monitoring data;
- Compliance of all gravel operators with the requirement to submit stormwater pollution control plans under the EPA General NPDES permit will be verified;
- Photographic confirmation that required stream buffers are staked and undisturbed and that ditch and pit run water are collected and treated prior to discharge to Granite Creek;
- Level of attendance at the operator training workshop;
- Negotiated amendments to CBS material site lease agreements;
- Verification that structural pollution control BMPs are designed, constructed and maintained so as to meet water quality standards.



Follow-up monitoring of the effectiveness of controls is expected to verify compliance with water quality standards and result in de-listing Granite Creek from the Section (303d) list of impaired waterbodies.

Deliverables for the Project Include:

- [Granite Creek Watershed Recovery Strategy \(TMDL\)](#).
- Quality Assurance Project Plan (QAPP) that guides data collection.
- Amended CBS material site lease agreements.
- Public responsiveness summary.



- Expanded water quality database for turbidity, total suspended solids, and settleable solids.
- Operator training workshop packet on stormwater pollution control requirements.
- PSAs and news releases on various aspects of the project.

Project Contacts:

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