ALASKA DEPARTMENT OF ENVIRONMENTAL CONSERVATION'S (DEC)

New Manual: **Best Management Practices**

FOR

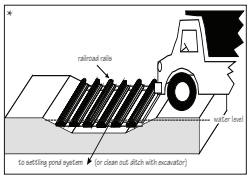
GRAVEL / ROCK AGGREGATE MINING

WHAT IT IS

Revised manual: "Best Management Practices for Gravel/Rock Aggregate Extraction Projects, Protecting Surface Water and Groundwater Quality in Alaska, *dated September 2012.*"
Replaces the previous manual: "Best Management Practices for Gravel Pits and the Protection of Surface Water Quality in Alaska, *dated June 2006.*"

WHY IT'S IMPORTANT

Regulations have changed, and research and experience have led to new and modified best management practices (BMPs). BMPs are physical, chemical, structural, or managerial techniques to minimize water pollution. It's easier and cheaper to prevent impacts to the environment before they happen, rather than attempting to fix them after they've occurred — and after potential penalties have been levied.



WHO SHOULD USE IT

Owners and operators of gravel and rock aggregate extraction projects, permitting agencies, and those seeking permits. The manual addresses both large- and small-scale operations.

QUESTIONS & FEEDBACK

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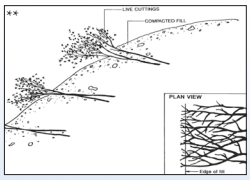

WHAT'S NEW

- Addition of groundwater protection considerations
- Guidelines for protecting drinking water sources and Public Water Systems
- New best management practices
- Instructive illustrations
- New topics, like Naturally Occurring Asbestos and Acid Mine Drainage
- Updated discussion of current regulations, including the transition of the National Pollutant Discharge Elimination System (NPDES) Program to the State of Alaska (APDES)
- Updated permitting decision-making trees
- Updated Stormwater Guide references
- A new Revegetation Guide reference
- Material Sales Application information

FIND THE MANUAL ONLINE:

dec.alaska.gov/water/wnpspc/protection_restoration/BestMgmtPractices/gravel.htm

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SHANNON & WILSON, INC.
GEOTECHNICAL AND ENVIRONMENTAL CONSULTANTS

* Modified from Best Management Practices for Reclaiming Surface Mines in Washington & Oregon, Washington State DNR 1997. ** Modified from Best Management Practices for Mining in Idaho, Idaho Department of Lands, 1992.