

**SUBJECT:** DMMP TIER 1 EVALUATION OF EMERALD KALAMA CHEMICAL, LLC--WATER INTAKE AND OUTFALL LINE MAINTENANCE, COLUMBIA RIVER, WITH UPLAND DISPOSAL.

- 1. Introduction.** This memorandum documents the Tier 1 evaluation by the Dredged Material Management Program (DMMP) agencies (U.S. Army Corps of Engineers, Washington Departments of Ecology and Natural Resources, and the Environmental Protection Agency) of the Emerald Kalama Chemical water intake and outfall line maintenance (Figure 1). This evaluation resulted in a no-test determination.
- 2. Project.** Emerald Kalama Chemical (EKC) proposes to hydraulically remove up to 100 cubic yards of sediment from the Columbia River, pumping it to a nearby upland disposal site. The project will remove sediment from the exterior and interior of a water intake structure and from around the outfall line. The sediment will be pumped from the hydraulic dredge to an existing land depression located on the northern section of EKC property where it will be allowed to dewater. No surface runoff will occur.
- 3. Evaluation.** Under DMMP guidelines, projects in areas of "low" concern with less than 8,000 cy of material and with little reason to believe that unacceptable adverse effects are possible meet the "no test" designation. An EIM query showed no sediment data has previously been collected from within or near the project area. The site is in an undeveloped area and no potential local sources were identified.
- 4. Tier 1 Determination.** This project is located in an area of low concern, with proposed upland disposal. It meets DMMP small project "no-test" guidelines and therefore no further sediment characterization is required.

This determination does *not* constitute final agency approval of the project. During the public comment period that follows a public notice, resource agencies will provide input on the overall project. A final decision will be made after full consideration of agency input, and after an alternatives analysis is done under section 404(b)(1) of the Clean Water Act.

**5. Signatures.**

Signed copy on file in DMMO, Seattle District office.

**Copies Furnished:**

Danette Guy, Corps Regulatory  
Laura Inouye, PhD., Ecology  
Justine Barton, EPA  
Celia Barton, DNR  
DMMO File





SCALE IN FEET

 ECOLOGICAL LAND SERVICES, INC.  
1157 3rd Avenue, Suite 220  
Longview, WA 98632

**PURPOSE:** Maintenance

**DATUM:** N/A

**ADJACENT PROPERTY OWNERS:**  
See JARPA

**AERIAL PHOTOGRAPH**

**APPLICANT:** Emerald Kalama Chemical  
**PROJECT NAME:** Intake and Outfall Maintenance  
**REFERENCE #:** Not Yet Assigned  
**SITE LOCATION ADDRESS:**  
1296 3rd Street NW  
Kalama, Washington 98625

**PROPOSED:** Hydraulic dredging  
around water intake and outfall  
**IN** Columbia River  
**NEAR:** Kalama  
**COUNTY:** Cowlitz **STATE:** WA  
**SHEET 2 OF 5**  
**DATE:** 5/8/14