

August 26, 2015

SUBJECT: DMMP TIER 1 EVALUATION OF THE CITY OF CASTLE ROCK—BOAT LAUNCH AND FLOATING DOCK MAINTENANCE DREDGING (NWS-2015-816), COWLITZ 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 City of Castle Rock boat ramp and floating dock maintenance dredging (Figure 1). This evaluation resulted in a no-test determination.
2. **Project.** The City of Castle Rock (City) proposes to remove approximately 1,800 cubic yards (cy) of Cowlitz River sediment from the Al Helenberg Memorial boat launch and floating dock. The sediment will be applied to the community garden adjacent to the boat launch. Following the initial dredging, the City estimates that 125 cy of sediment will need to be removed annually to maintain operational depths.
3. **Evaluation.** Under DMMP guidelines, projects for which upland disposal is planned do not ordinarily require testing of the dredged material, but do require evaluation under the Department of Ecology's antidegradation standard. The Castle Rock project is located approximately 2.5 miles downstream of the confluence of the Toutle River with the Cowlitz River. Much of the sediment load carried by the Cowlitz River is of volcanic origin, emanating from the Mount St. Helens impact area. Chemical testing of Cowlitz River sediment by Portland District has shown it to be of low concern for chemical contamination (USACE, 2007). An EIM query showed that no sediment data had previously been collected from within or near the project area, which is usually an indication that there are no sediment contaminant issues in the vicinity of the project. A review of EPA's Cleanups in My Community database and Ecology's Integrated Site Information System did not reveal any cleanup sites within or near the project area.
4. **Tier 1 Determination.** This project is located in an area of low concern, with proposed upland disposal. The DMMP agencies have determined that the sediment exposed by dredging will meet the State of Washington antidegradation standard. Therefore, no DMMP testing is required for this project.

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. **References.**

USACE 2007. *Cowlitz River Federal Project – Sediment Quality Evaluation Report*. U.S. Army Corps of Engineers, Portland District. March 2007.

5. Signatures.

signed copy on file in DMMO - Seattle District office

Date Heather Whitney Fourie - Seattle District Corps of Engineers

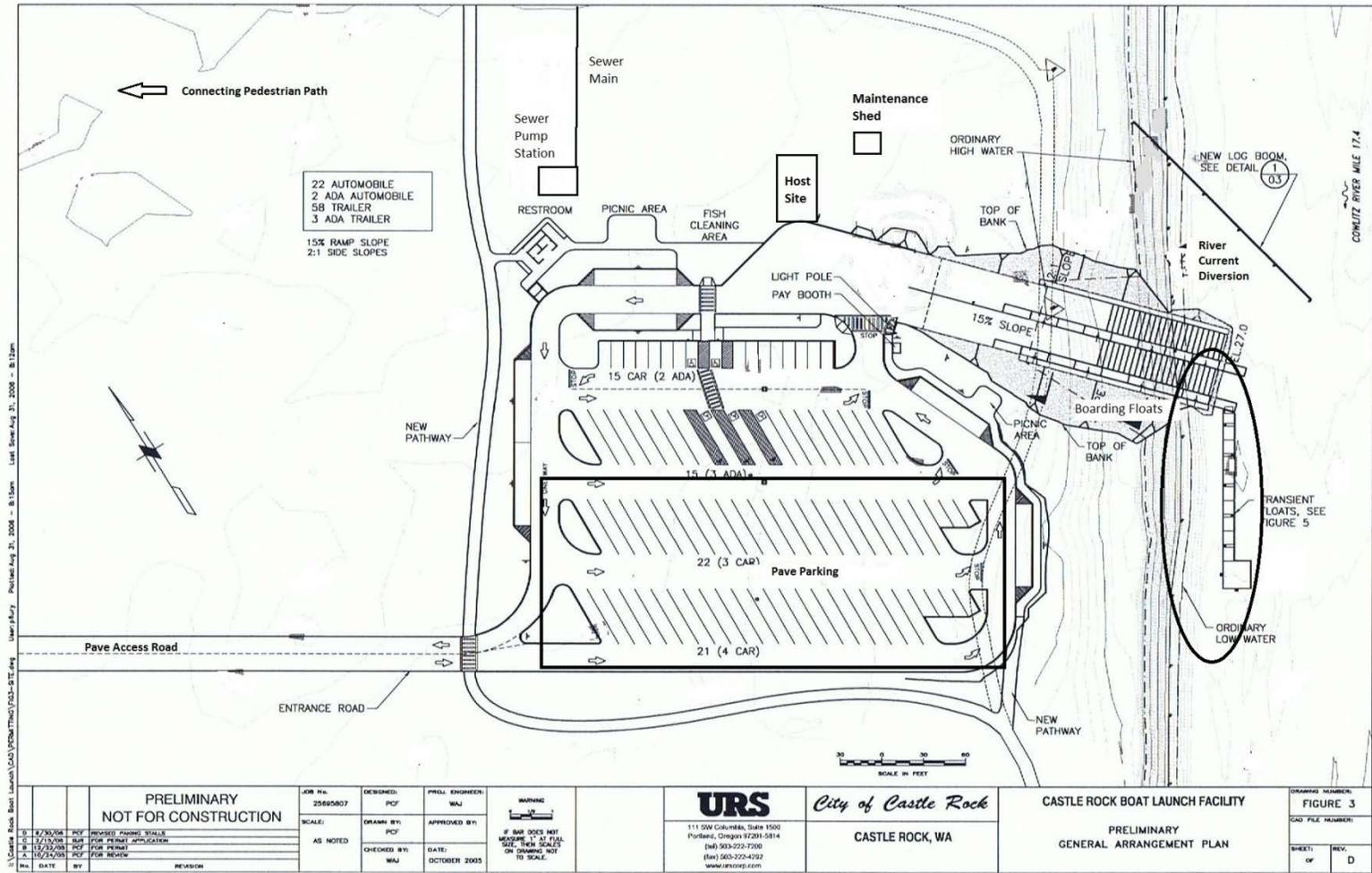
Date Justine Barton - Environmental Protection Agency

Date Laura Inouye, Ph.D. - Washington Department of Ecology

Date Celia Barton - Washington Department of Natural Resources

Copies Furnished:
Danette Guy, Corps Regulatory
Laura Inouye, Ph.D., Ecology
Justine Barton, EPA
Celia Barton, DNR
DMMO File

Al Helenberg Memorial Boat Launch Project Phase 2



PRELIMINARY NOT FOR CONSTRUCTION		JOB No. 2589007	DESIGNED BY PCF	PRIN. ENGINEER WAJ	 IF THIS DOES NOT MEASURE 1" AT FULL SCALE, THEN SCALE ON DRAWING NOT TO SCALE.	 URS 111 SW Columbia, Suite 1500 Portland, Oregon 97201-5814 (503) 963-2222-7200 (503) 963-2224-9292 www.urscorp.com	City of Castle Rock CASTLE ROCK, WA	CASTLE ROCK BOAT LAUNCH FACILITY PRELIMINARY GENERAL ARRANGEMENT PLAN	DRAWING NUMBER: FIGURE 3
SCALE: AS NOTED		DRAWN BY: PCF	APPROVED BY: 	CAD FILE NUMBER:					
REVISION		CHECKED BY: WAJ	DATE: OCTOBER 2005	SHEET: of					
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Figure 1. City of Castle Rock Boat Launch Maintenance.

Approximate dredge area shown in oval circle.