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STATE OF WASHINGTON  
DEPARTMENT OF ECOLOGY

1315 W. 4th Avenue • Kennewick, Washington 99336-6018 • (509) 735-7581

May 2, 1996

Mr. James E. Rasmussen, Director  
Environmental Assurance, Permits, and Policy Division  
U.S. Department of Energy  
Richland Operations Office  
P.O. Box 550, MSIN: A5-15  
Richland, WA 99352-0550



Dear Mr. Rasmussen:

Re: Hanford 100 Area 181-K River Screens Replacement

Enclosed is a temporary water quality standards modification for activities associated with the replacement of fish screens at the 181-K water intake on the Hanford Site. The U.S. Department of Energy, Richland Operations Office, requested the modification in a letter received April 19, 1996.

A State Environmental Policy Act (SEPA) determination was not required for this project under an exemption for short-term water quality modifications in Washington Administrative Code (WAC) 197-11-845 (1). The project will comply with all conditions of the hydraulic project approvals issued by the Washington State Department of Fish and Wildlife.

If you have any questions regarding this letter, or the conditions set forth in the temporary water quality modification, please contact Steve Skurla at (509) 736-3011.

Sincerely,

Steve M. Alexander, Manager  
Perimeter Section  
Nuclear Waste Program

SMA:SS:skr  
Enclosure

cc: Randy Krekel, USDOE  
Russell Jim, YIN  
J. Wilkinson, CTUIR

Donna Powaukee, NPT  
Jeff Luke, WHC  
Kathy Tollefson, WHC  
**Administrative Record:**  
Liquid Effluents Consent Order

## DEPARTMENT OF ECOLOGY

IN THE MATTER OF THE REQUEST BY       )  
UNITED STATES DEPARTMENT OF ENERGY )       ORDER  
FOR THE TEMPORARY MODIFICATION OF    )  
WATER QUALITY STANDARDS               )

TO: Mr. James E. Rasmussen  
U.S. Department of Energy  
Richland Operations Office  
P.O. Box 550  
Richland, WA 99352

On April 19, 1996, the United States Department of Energy submitted a request for temporary modification of the water quality criteria of the Columbia River for the purpose of vacuum dredging to support the replacement of river screens at the 181 K East Pump Station water intake. The river screen replacement project will be completed during the period May 1, 1996 through September 1, 1996. The vacuum dredging will occur within this period and be completed in no more than 7 consecutive days.

In view of the forgoing and in accordance with Revised Code of Washington (RCW) 90.48.120(2):

IT IS ORDERED that the water quality criteria for turbidity specified in Washington Administrative Code (WAC) 173-201A-030(2)(c)(vi) are hereby modified for a maximum of seven (7) consecutive days in the limited period beginning May 1, 1996 and terminating at midnight, September 1, 1996 for dredging in that portion of the Columbia River described in the water quality standards modification application form.

This modification is subject to the following conditions:

1. The applicant shall properly dispose of all construction debris on land in such a manner that it cannot enter into the waterway or cause water quality degradation to state waters.

2. Work in or near the waterway shall be done so as to minimize turbidity, erosion, other water quality impacts and stream bed deformation. A silt curtain or barrier shall be used to minimize water quality impacts to the main channel of the Columbia River.
3. All planned sediment and erosion control measures shall be adjusted to meet field conditions at the time of construction so as to provide effective sediment and erosion control.
4. Extreme care shall be taken to prevent any petroleum products, fresh cement, lime or concrete, chemicals, or other toxic or deleterious materials from entering the water in any manner.
5. All lumber treated with creosote or other protective material shall be completely dry before use in or near the waterway.
6. The spoils will be contoured to conform to the existing topography.
7. The dredge will be operated to the extent feasible with the intake at or below the surface of the material being removed.
8. The activities must comply with all the conditions contained in the Washington Department of Fish and Wildlife Hydraulic Project Approvals (Control Numbers 00-A3722-03 and 00-B8412-01).
9. All dredging must be completed during a period of not more than seven days between May 1, 1996 and September 1, 1996, and any future dredging will require reapplication for a water quality standards modification.
10. This approval does not relieve the applicant from the responsibility of meeting applicable requirements of other agencies.
11. Mobile equipment that enters the water shall be maintained and operated such that a visible sheen from petroleum products will not appear.

12. Steven J. Skurla, permit writer for Ecology, must be notified at (509) 736-3011, at least 24 hours prior to commencement of this work.
13. In the event of a spill or unauthorized discharge to waters of the state, the U.S. Coast Guard, Group Portland shall be notified immediately at (503) 240-9300. Additional notifications shall be made as required by law.

The Department of Ecology retains continuing jurisdiction to make modifications hereto through supplemental order, if it appears necessary to further protect the public interest during the modification period.

Any person who fails to comply with any provision of this order shall be liable for a penalty of up to ten thousand dollars for each day of continuing noncompliance.

Any person feeling aggrieved by this order may obtain review thereof by application, within thirty (30) days of receipt of this order, to the Washington Pollution Control Hearings Board, P.O. Box 40903, Olympia, Washington 98504-0903. Concurrently send to the Director of the Department of Ecology, P.O. Box 47600, Olympia, Washington 98504-7600, a copy of the application for review and a copy of the Nuclear Waste Program, Department of Ecology, 1315 West 4th Avenue, Kennewick, Washington 99336-6018. These procedures are consistent with the provisions of Chapter 43.21B RCW and the rules and regulations adopted thereunder.

DATED at Kennewick, Washington



Steven M. Alexander  
Nuclear Waste Program  
Department of Ecology