0077198

Department of Energy
Richland Operations Office
P.O. Box 550
Richland, Washington 99352

MAY 0 2 2008

08-AMCP-0178

Ms. D. McBaugh, Section Head
Environmental Radiation Section
Washington State Department of Health
P.O. Box 47827
Olympia, Washington 98504

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EDMC

Mr. D. Grant
Aquatic Resources Division
State of Washington
Department of Natural Resources
713 East Bowers Road
Ellensburg, Washington 98926

Addressees:

DEPARTMENT OF NATURAL RESOURCES LAND LEASE MONITORING REPORT FOR NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM PERMIT NO. WA 002591-7 OUTFALL 001 –MARCH 2008

The purpose of this letter is to forward for your review the Hanford Site 300 Area Treated Effluent Disposal Facility Monthly Monitoring Data as required by Aquatic Lands Sewer Outfall Lease 20-013357. The monitoring data for radionuclides present in the effluent are provided in the attached table. The data indicate that all values monitored are well below State guidelines. Reporting of the sample results are provided and transmitted to the Washington State Department of Health, according to Exhibit C of the lease. This report covers the reporting period from February 26, 2008, through March 25, 2008.

If you have any questions, please contact me, or you may contact Mark French, of my staff, on (509) 373-9863.

Sincerely,

Matthew S. McCormick, Assistant Manager
for the Central Plateau

AMCP:SKM

Attachment

cc: See Page 2

cc w/attach:
G. Bohnee, NPT
A. L. Boyd, EPA
L. Buck, Wanapum
K. A. Conaway, Ecology
R. H. Engelmann, EFSH
D. L. Halgren, FHI
S. Harris, CTUIR
R. Jim, YN
K. Ogle, EPA (Seattle)
M. Priddy, WDOH
E. R. Skinnarland, Ecology
H. T. Tilden, PNNL
Administrative Record (300 Area Treated Effluent Disposal Facility Liquid Effluent) and (Aquatic Lands Sewer Outfall Lease 20-013357) H-0-7
Environmental Portal

Hanford Site
300 Area Treated Effluent Disposal Facility

Monthly Monitoring Data

March 2008

Analysis	**Result** (pCi/L)	**Counting Error** (pCi/L)	**State Standard** (pCi/L)
Total Alpha	3.00	+/-1.38	15[3]
Total Beta	BDL[2] (2.5)	+/-2.15	50[3]
GEA[1] – ^{60}Co	BDL[2] (-1.26)	+/-1.84	3,000[4]
^{137}Cs	BDL[2] (0.87)	+/-2.16	1,000[4]
Tritium	BDL[2] (31.0)	+/-76.0	20,000[3]

(1) GEA: Gamma Energy Analysis

(2) BDL: Below Detection Limit

(3) Standards for total alpha, total beta, and tritium from Department of Natural Resources Aquatic Resources Lease 20-013357

(4) Washington Administrative Code 246-221-290 (Table II, effluent water)