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

AUG 26 2008

08-AMCP-0265

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

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

**RECEIVED**  
AUG 29 2008  
**EDMC**

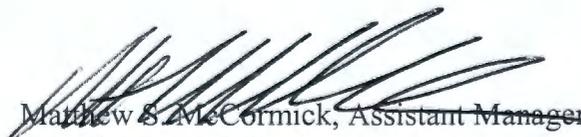
Addressees:

DEPARTMENT OF NATURAL RESOURCES LAND LEASE MONITORING REPORT  
FOR NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM PERMIT  
NO. WA 002591-7 OUTFALL 001 – JULY 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 June 24, 2008, through July 22, 2008.

If you have any questions, please contact me, or you may contact Larry Romine, of my staff, on (509) 376-4747.

Sincerely,

  
Matthew S. McCormick, Assistant Manager  
for the Central Plateau

AMCP:SKM

Attachment

cc: See Page 2

Addressees  
08-AMCP-0265

-2-

AUG 26 2008

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. Skinnerland, Ecology

H. T. Tilden, PNNL

**Administrative Record** (300 Area Treated Effluent  
Disposal Facility Liquid Effluent) and (Aquatic  
Lands Sewer Outfall Lease 20-013357)  
Environmental Portal

Hanford Site  
300 Area Treated Effluent Disposal Facility

Monthly Monitoring Data

July 2008

Analysis	Result (pCi/L)	Counting Error (pCi/L)	State Standard (pCi/L)
Total Alpha	BDL <sup>(2)</sup> (-0.57)	+/- 1.05	15 <sup>(3)</sup>
Total Beta	BDL <sup>(2)</sup> (2.30)	+/- 1.98	50 <sup>(3)</sup>
GEA <sup>(1)</sup> - <sup>60</sup> Co	BDL <sup>(2)</sup> (0.26)	+/- 2.64	3,000 <sup>(4)</sup>
<sup>137</sup> Cs	BDL <sup>(2)</sup> (2.33)	+/- 3.52	1,000 <sup>(4)</sup>
Tritium	BDL <sup>(2)</sup> (-8.60)	+/- 68.5	20,000 <sup>(3)</sup>

(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)