



0055695

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

02-RCA-023

OCT 29 2001

Ms. Kathleen A. Conaway
Nuclear Waste Program
State of Washington
Department of Ecology
1315 West Fourth Avenue
Kennewick, Washington 99336

RECEIVED
NOV 01 2001

EDMC

Dear Ms. Conaway:

SUBMITTAL OF 100-N SEWAGE LAGOON DISCHARGE MONITORING REPORT (DMR),
STATE WASTE DISCHARGE PERMIT, ST-4507

Consistent with the requirements of the subject permit, the U.S. Department of Energy, Richland Operations Office (RL), is submitting the enclosed third quarter of Calendar Year 2001 DMR for the 100-N Sewage Lagoon. As noted within the DMR, there were no discharges to the infiltration pond during this reporting period. If you have any questions or concerns, please contact Alex Teimouri, of my staff, on (509) 376-6222, or Mary Jarvis, also of my staff, on (509) 376-2256.

Sincerely,

Joel Hebdon, Director
Regulatory Compliance and Analysis Division

RCA:AET

Enclosure

cc: See page 2

ENCLOSURE

**100-N Sewage Lagoon
Third Quarter 2001
Discharge Monitoring Report**

**Consisting of 2 pages,
Including cover page**

PERMITTEE NAME/ADDRESS
 NAME: UNITED STATES DEPARTMENT OF ENERGY
 ADDRESS: RICHLAND OPERATIONS OFFICE
 PO BOX 550
 RICHLAND, WA 99352
 FACILITY: 100-N SEWAGE LAGOON SYSTEM
 LOCATION: 100-N AREA/600 AREA, HANFORD SITE

DISCHARGE MONITORING REPORT
 PERMIT NUMBER: ST 4507
 SAMPLE LOCATION: END OF DISCHARGE PIPE TO INFILTRATION POND
 MONITORING PERIOD: FROM 7/01/01 TO 9/30/01

Parameter	July				August				September				Units	Ex.	Freq.	Type
	Cnt	Minimum	Average	Maximum	Cnt	Minimum	Average	Maximum	Cnt	Minimum	Average	Maximum				
Influent 50050	Cont/ Batch		7,297		Cont/ Batch		5,788		Cont/ Batch		7,102		gallons/d	0	Cont.	Meter/Est
Permit Requirement			50,000				50,000				50,000		gallons/d		Cont.	Meter/Est
Effluent 50050	Cont.		N.D. ¹		Cont.		N.D.		Cont.		N.D.		gallons/d	0	Cont.	Meter
Permit Requirement			50,000				50,000				50,000		gallons/d		Cont.	Meter
Total Suspended Solids 00530	0		N.D.		0		N.D.		0		N.D.		mg/L	0	Bi-Week	Grab
Permit Requirement			45	65			45	65			45	65	mg/L		Bi-Week	Grab
Total Dissolved Solids 70296	0		N.D.		0		N.D.		0		N.D.		mg/L	0	Bi-Week	Grab
Permit Requirement			500				500				500		mg/L		Bi-Week	Grab
Biochemical Oxygen Demand 00310	0		N.D.		0		N.D.		0		N.D.		mg/L	0	Bi-Week	Grab
Permit Requirement			45	65			45	65			45	65	mg/L		Bi-Week	Grab
pH 00400	0		N.D.		0		N.D.		0		N.D.		Std Units	0	Bi-Week	Grab
Permit Requirement			6.5-8.5				6.5-8.5				6.5-8.5		Std Units		Bi-Week	Grab
Nitrate (NO ₃) (as N)	0		N.D.		0		N.D.		0		N.D.		mg/L	0	Bi-Week	Grab
Permit Requirement			Monitor Only				Monitor Only				Monitor Only					
Ammonia (NH ₃) (as N)	0		N.D.		0		N.D.		0		N.D.		mg/L	0	Bi-Week	Grab
Permit Requirement			Monitor Only				Monitor Only				Monitor Only					
Fecal Coliform	0		N.D.		0		N.D.		0		N.D.		Colony per 100 ml	0	Bi-Week	Grab
Permit Requirement			Monitor Only				Monitor Only				Monitor Only					

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

 KEITH A. KLEIN, MANAGER,
 RICHLAND OPERATIONS OFFICE

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT, SEE 18 USC §1001 AND 33 USC §1319. (PENALTIES UNDER THESE STATUTES MAY INCLUDE FINES UP TO \$10,000 AND OR MAXIMUM IMPRISONMENT OF BETWEEN 6 MONTHS AND 5 YEARS.)

[Signature]
 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE
 (509) 377-9337

DATE
 01/10/02
 YEAR | MO | DAY

Ms. Kathleen A. Conaway
02-RCA-023

-2-

OCT 29 2001

cc w/encl:

B. J. Dixon, FHI

R. H. Gurske, DFSH

R. Jim, YN

D. Powaukee, NPT

D. R. Sherwood, EPA

R. R. Skinnarland, Ecology (two copies)

M. A. Wilson, Ecology

J. A. Winterhalder, DFSH

Environmental Portal, LMSI

Administrative Record