



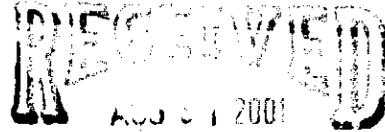
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**Department of Energy**  
Richland Operations Office  
P.O. Box 550  
Richland, Washington 99352

01-RCA-369

JUL 25 2001

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



**EDMC**

Dear Ms. Conaway:

**SUBMITTAL OF 100-N SEWAGE LAGOON DISCHARGE MONITORING REPORT (DMR)**

The 100-N Sewage Lagoon DMR for the second quarter of calendar year 2001 is attached per the requirements of State Waste Discharge Permit ST 4507. As noted within the DMR, all discharges were within permit parameters. If you have any questions or concerns, please contact Alex Teimouri, of my staff, at (509) 376-6222.

Sincerely,

Joel Hebdon, Director  
Office of Regulatory Compliance and Analysis

RCA:AET

Attachment

cc w/attach:  
B. J. Dixon, DYN  
R. Gay, CTUIR  
R. Jim, YIN  
D. R. Sherwood, EPA  
P. Sobotta, NPT  
Administrative Record  
Environmental Portal, LMSI

<b>PERMITTEE NAME/ADDRESS</b> 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	<b>DISCHARGE MONITORING REPORT</b> PERMIT NUMBER: ST 4507 SAMPLE LOCATION: END OF DISCHARGE PIPE TO INFILTRATION POND MONITORING PERIOD: FROM 4/01/01 TO 6/30/01	Page 1 of 1
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Parameter	April			May			June			Units	Ex.	Freq.	Type			
	Cnt	Minimum	Average	Maximum	Cnt	Minimum	Average	Maximum	Cnt					Minimum	Average	Maximum
Influent 50050	Cont/ Batch		7,367		Cont/ Batch		9,597		Cont/ Batch		9,220		gallons/d	0	Cont.	Meter/Est
Permit Requirement			50,000				50,000				50,000		gallons/d		Cont.	Meter/Est
Effluent 50050	Cont.		N.D. <sup>1</sup>		Cont.		N.D.		Cont.		8,603		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.		2		29	42	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.		2		337		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.		2		14.3	17.3	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.		2		7.72		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 <sub>3</sub> ) (as N)	0		N.D.		0		N.D.		2		0.9		mg/L	0	Bi-Week	Grab
Permit Requirement			Monitor Only				Monitor Only				Monitor Only					
Ammonia (NH <sub>3</sub> ) (as N)	0		N.D.		0		N.D.		2		4.4		mg/L	0	Bi-Week	Grab
Permit Requirement			Monitor Only				Monitor Only				Monitor Only					
Fecal Coliform	0		N.D.		0		N.D.		2		3758		Colony per100 ml	0	Bi-Week	Grab
Permit Requirement			Monitor Only				Monitor Only				Monitor Only					

<b>NAME/TITLE PRINCIPAL EXECUTIVE OFFICER</b>  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 OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	<b>TELEPHONE</b>  (509) 713-2857	<b>DATE</b>  7   23   01 YEAR   MO   DAY
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COMMENT AND EXPLANATION OF ANY VIOLATIONS: (1) N.D. = No discharge