

## STATE OF WASHINGTON

## DEPARTMENT OF ECOLOGY

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MEMORANDUM

TO: Dan Neal

FROM: Ron Lee *RL*

DATE: September 7, 1971

SUBJECT: Chevron Chemical at Finley, Washington

Listed below are data results from the wastewater discharge samples we collected on August 12, 1971. All values are expressed as parts per million. As expected, drains 5 and 6 appear to be the main source of nutrient loading. Free ammonia levels higher than 1ppm are toxic to most aquatic organisms. If any questions arise, please contact me.

## -Solids-

Source	T.S.	T.N.V.S.	T.S.S.	T.S.N.V.S.	T.S.V.S.
drain #5	1213	187	insufficient sample		
drain #6	4947	430	insufficient sample		
effluent	167	121	1	0	1

## -Nutrients-

Source	NH <sub>3</sub> -N	NO <sub>3</sub> -N	NO <sub>2</sub> -N	Kjeldahl-N	T-PO <sub>4</sub> -P
drain #5	227	295	0.74	256	3.38
drain #6	560	422	0.06	800	15.04
effluent	111	2.28	0.21	0.08	0.61

RL:bj

STATE OF WASHINGTON

Routing

DEPARTMENT OF ECOLOGY

OFFICE OF TECHNICAL SERVICES

Original to LABORATORY

ANALYTICAL REPORT SHEET

Copies to: \_\_\_\_\_

Ron Lee

To: Ron Lee

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Merley McCall

The following are the analytical results from survey conducted at:

Chevron Chemical @ Finley 03-02.23  
Collected 8/12/71

LAB. NO.	STATION NO.	ppm						
		T.S.	T.U.S.	T.S.S.	T.S.M.S.	T.S.V.S.		
71-2633	Drain #5	1213.	187.					
2634	Drain #6	4947.	430.					
2635	Effluent	162.	121.	1.	0.	1.		
		ppm						
		NH <sub>3</sub> -N	Organic Kjeldahl-N	NO <sub>2</sub> -N Filtered	T-PO <sub>4</sub> -P	NO <sub>3</sub> -N Filtered		
71-2633		227.	256.	.74	3.38	295.		
2634		560.	800.	.06	15.04	422.		
2635		111.	.08	.21	.61	2.28		

Notes:

Summarized by Pat Lee  
Date 8/24/71