# MEMORANDUM Department of Ecology

1	Information For Action	
E21	Permit	
	Other	
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Check

TO:	Nelson	Graham
A O	***************************************	

DATE: October 12, 1972

FROM:...

Ron Devitt

SUBJECT: National Fruit Processing, Chehalis

On September 18, 1972, Hans Cregg ran a survey on National Fruit Processing. Composite samples were taken every fifteen minutes from 0915 hours to 1645 hours before and after the shaker screen. Influent samples were taken above the screen while the pump was operating. Effluent samples were taken from the downpipe after the screen. The values reported on the effluent represent the characteristics of the industry's contribution to the Chehalis sewage treatment plant.

#### <u>Field Data</u>

Settleable Solids (ml)	Sett1	eable	Solids	(m1)	1
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<u>Time</u>	<u>Temp.(<sup>0</sup>C)</u>	<u>рН</u>	<u>Influent</u>	<u>Effluent</u>
11:00	24 <sup>0</sup>	6.6	16	3.5
1:00	28 <sup>0</sup>	6.6	16	4.0
2:15	27 <sup>0</sup>	6.6	12	2.5
3:45			19	3.5

Total water treated - 1193 ft. in 7 hours 45 minutes.

### L<u>aboratory Data</u>

	<u>Influent</u>	<u>Effluent</u>
pН	6.8	6.5
COD (ppm)	3800	3400
BOD (ppm)	3300	3500
TSS (ppm)	1860	364
TSNVS (ppm)	20	ND

RD:bj

#### STATE OF WASHINGTON

## DEPARTMENT OF ECOLOGY

WATER QUALITY LABORATORY

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DATA SUMMARY

LAB FILES

Collected By HANS GRAIG

Source NAT FRUIT COUNING, INC.						Collected By HANS GRAIG					
Date Collected $9/18/72$						Goal, Pro./Obj. 3-2-23					
Log Number: 72-		-3539	) 	1	1	<b>, T</b>	1	T	. 1 1		STORET
Station:	INF	EFF		<b> </b>		.					
рН	6-8	6.5		ļ				ļ			00403
Turbidity (JTU)				ļ			-	ļ			00070
Conductivity (umhos/cm)@29c					<u> </u>		ļ		.		00095
COD	3800	3400					-	ļ	-		00340
BOD (5 day)	3300	3500			ļ			<u> </u>			00310
Total Coliform (Col./100ml)							ļ				31504
Fecal Coliform (Col./100ml)					ļ						31616
NO3-N (Filtered)								ļ ———			00620
NO2-N (Filtered)			-		ļ		ļ				00615
NH3-N (Unfiltered)			a squaquistinuminassoppuggiikilik		ļ		ļ				00610
T. Kjeldahl-N (Unfiltered)											00625
O-PO4-P (Filtered)			n sansakkanananasasakka							KARANTON KARANTON AND AND AND AND AND AND AND AND AND AN	00671
Total PhosP (Unfiltered)	or proconcidental control of	***************************************	· ·	***************************************			-				00665
Total Solids	-		N SOMEONIC CONTRACTOR				ļ	***************************************			00500
Total Non Vol. Solids			-					***************************************	<u>                                     </u>		
Total Suspended Solids	1860	364				ļ	ļ	***************************************			00530
Total Sus. Non Vol. Solids	20	ND	M. administrational designation of the state		-	ļ	ļ				
SETTLABLE SOLIDS ML/L	740	35				ļ	<u> </u>	· · · · · · · · · · · · · · · · · · ·	<u> </u>	-	
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		s manifestioning and an analysis of the st	pa						<b> </b>	mgmc/riteMarkstynchesianchesian and a	Maria de la companya
Note: All results are in P	PM upl	ess of	herwis	e spec	ified	ND i	s Wor	e Dete	octed"	DOGOTOTO CONTRACTOR OF THE PARTY OF THE PART	

e: All results are in PPM unless otherwise specified. ND is 'None Detected' Convert those marked with a  $\star$  to PPB (PPM  $ilde{X}$   $10^3$ ) prior to entry into STORET

Summary By Mary L. Walcomb Date 10/6/72