

DEPARTMENT OF ECOLOGY

WATER QUALITY LABORATORY

DATA SUMMARY

ORIGINAL TO:

P.W.

COPIES TO:

LAB FILES

Source SKAGIT R. TRIBS

Collected By P. WILLIAMS

Date Collected 11-17-75

Log Number: 75-5251 52 53 54 55

Station:	<sup>0</sup> ROCKAWAY	<sup>0</sup> MARLB. MOUNT	CASCADE # 3	SUIATEL R.	SAUK								
pH													
Turbidity (JTU)	2.	2.	2.	2.	4.								
Conductivity (umhos/cm)@25°C	63	65	56	56	60								
<del>COD</del> T°C	8°	7.7	5.5	7.1	5.1								
BOD (5 day)													
Total Coliform (Col./100ml)	<sup>EST</sup> 95.	<sup>EST</sup> 45.	120.	100.	<sup>EST</sup> 260.								
Fecal Coliform (Col./100ml)	<sup>EST</sup> 3.	<2.	<2.	<2.	<sup>EST</sup> 10.								
NO3-N (Filtered)	0.09	0.07	0.10	0.05	0.09								
NO2-N (Filtered)	ND	ND	ND	ND	ND								
NH3-N (Unfiltered)	ND	ND	ND	ND	ND								
T. Kjeldahl-N (Unfiltered)													
O-PO4-P (Filtered)	ND	ND	ND	ND	ND								
Total Phos.-P (Unfiltered)	0.04	0.03	0.04	0.04	0.04								
Total Solids													
Total Non Vol. Solids													
<sup>Potassium</sup> Total Suspended Solids	0.6	0.6	0.7	0.9	0.7								
Total Sus. Non Vol. Solids			<sup>mistake</sup> ↑ 180.										
T. ALKALINITY (as CaCO <sub>3</sub> )	21.	22.	14.	32.									
T. HARDNESS (as CaCO <sub>3</sub> )	10.	9.	7.	9.									
CALCIUM	6.4	6.5	5.2	4.6	5.3								
MAGNESIUM	0.9	0.9	0.7	0.8	0.9								
Sodium	1.0	0.9	0.8	1.4	1.3								

Note: All results are in PPM unless otherwise specified. ND is "None Detected"

STATE OF WASHINGTON  
DEPARTMENT OF ECOLOGY

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ORIGINAL TO:

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LAB FILES .....

Source SKAGIT R. + TRIBS.

Collected By P. Williams

Date Collected 11-18-75

Log Number: 75-5334 35 36 37 38

Station:	6	7	8	9	10						
pH	above Sedro Woolley	below Sedro Woolley	Nooka Champs creek	old 99 Bridge Mt. Vernon	Sedro Woolley STP						
Turbidity (JTU)	7.	8.	7.	7.	8.						
Conductivity (umhos/cm)@25°C	62	59	116	60	355						
COD			32.		39.						
BOD (5 day)			<8.		<8.						
Total Coliform (Col./100ml)	EST 50	EST 150	5800	EST 600	EST 20						
Fecal Coliform (Col./100ml)	<20	EST 60	2100	EST 40	<10						
NO3-N (Filtered)	0.12	0.13	0.89	0.14	17.						
NO2-N (Filtered)	ND	ND	ND	ND	0.10						
NH3-N (Unfiltered)	ND	ND	0.16	ND	1.3						
T. Kjeldahl-N (Unfiltered)			0.92	0.40	3.9						
O-PO4-P (Filtered)	ND	ND	0.02	ND	4.4						
Total Phos.-P (Unfiltered)	0.02	0.02	0.02	0.02	5.0						
Total Solids T°C	6.1	7.8	6.7	8.0	9.4						
Total Non Vol. Solids											
Potassium											
Total Suspended Solids	0.55	0.55	1.6	0.6	7.0						
Total Sus. Non Vol. Solids											
T. ALKALINITY (as CaCO3)	19.	19.	26.	25.	11.						
T. HARDNESS (as CaCO3)	10.	10.	15.	10.	21.						
CALCIUM	6.3	6.3	6.2	6.2	11.						
MAGNESIUM	1.1	1.1	4.2	1.1	2.7						
Sodium	1.0	1.1	3.5	1.1	2.5.						

Note: All results are in PPM unless otherwise specified. ND is "None Detected"

Summary By Lynda D. Roll Date 12-4-75

STATE OF WASHINGTON  
DEPARTMENT OF ECOLOGY

WATER QUALITY LABORATORY

DATA SUMMARY

ORIGINAL TO: P.W.  
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LAB FILES .....

Source SKAGIT & TRIBS.

Collected By P. WILLIAMS

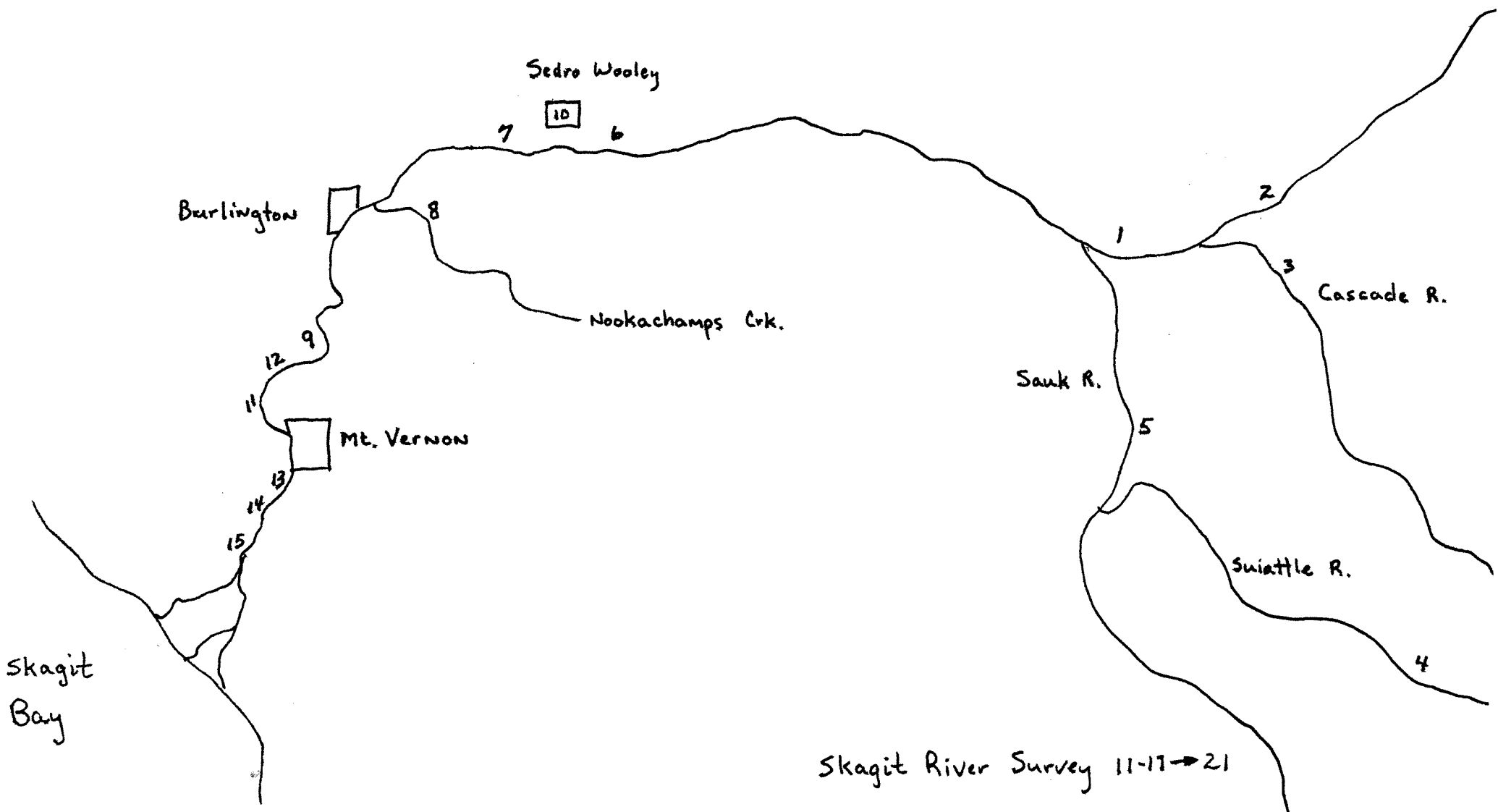
Date Collected 11-19-75

Log Number: 75-5387 98 89 90 91

Station:	#11	12	13	14	15						
pH											
Turbidity (JTU)	6.	5.	8.	9.	6.						
Conductivity ( $\mu$ mhos/cm)@25°C	66	63	50	60	59						
<del>GOD</del> T°C	4.5	4.5	4.5	4.5	4.5						
BOD (5 day)											
Total Coliform (Col./100ml)	EST 100	EST 300	EST 150	EST 250	EST 250						
Fecal Coliform (Col./100ml)	<20	<20	EST 20	<20	EST 20						
NO3-N (Filtered)	0.13	0.13	0.12	0.13	0.12						
NO2-N (Filtered)	ND	ND	ND	ND	ND						
NH3-N (Unfiltered)	ND	ND	ND	ND	ND						
T. Kjeldahl-N (Unfiltered)	-	ND	0.10	0.04	0.02						
O-PO4-P (Filtered)											
Total Phos.-P (Unfiltered)											
Total Solids											
Total Non Vol. Solids											
<del>Total Suspended Solids</del> Potassium	0.55	0.55	0.55	0.55	0.55						
Total Sus. Non Vol. Solids											
T. ALKALINITY (as CaCO <sub>3</sub> )	22.	22.	22.	22.	22.						
T. HARDNESS (as CaCO <sub>3</sub> )	11.	10.	11.	10.	11.						
CALCIUM	6.3	6.4	6.4	6.5	6.5						
MAGNESIUM	1.1	1.2	1.2	1.2	1.2						
Sodium	1.1	1.1	1.1	1.1	1.1						

Note: All results are in PPM unless otherwise specified. ND is "None Detected"

Summary By Stephen D. Pell Date 12-4-75



Skagit River Survey 11-17 → 21