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WA-03-1010

STATE OF WASHINGTON

DEPARTMENT OF ECOLOGY

WATER QUALITY LABORATORY

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

DATA SUMMARY

Source SKAGIT R. & TRIBS

Collected By D. WILLIAMS

Date Collected 11-17-75

Log Number: 75-	5251	52	53	54	55							
Station:	ROCKPORT	MARBLE MOUNT	CASCADE #3	SUIATTLE R.	SAUK							
pH												
Turbidity (JTU)	2.	2.	2.	2.	4.							
Conductivity (μmhos/cm)@25°C	63	65	56	56	60							
~~COD~~ T°C	8°	7.7	5.5	7.1	5.1							
BOD (5 day)												
Total Coliform (Col./100ml)	EST 95.	EST 45.	120.	100.	EST 260.							
Fecal Coliform (Col./100ml)	EST 3.	<2.	<2.	<2.	EST 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												
Potassium ~~Total Suspended Solids~~	0.6	0.6	0.7	0.9	0.7							
Total Sus. Non Vol. Solids			mistake									
T. ALKALINITY (as $CaCO_3$)	21.	22.	180.	14.	32.							
T. HARDNESS (as $CaCO_3$)	10.	9.	7.	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"

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

STATE OF WASHINGTON

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DATA SUMMARY

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 Wooley	below Sedro Wooley	Nooka champs creek	old 99 Bridge Mt. Vernon	Sedro Wooley 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	5,800	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	0.06	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 $CaCO_3$)	19.	19.	26.	25.	<1.
T. HARDNESS (as $CaCO_3$)	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	25.

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

Summary By [signature] Date 12-4-75

STATE OF WASHINGTON

DEPARTMENT OF ECOLOGY

WATER QUALITY LABORATORY

ORIGINAL TO: PW

COPIES TO:

LAB FILES

DATA SUMMARY

Source SKAGIT & TRIBS.

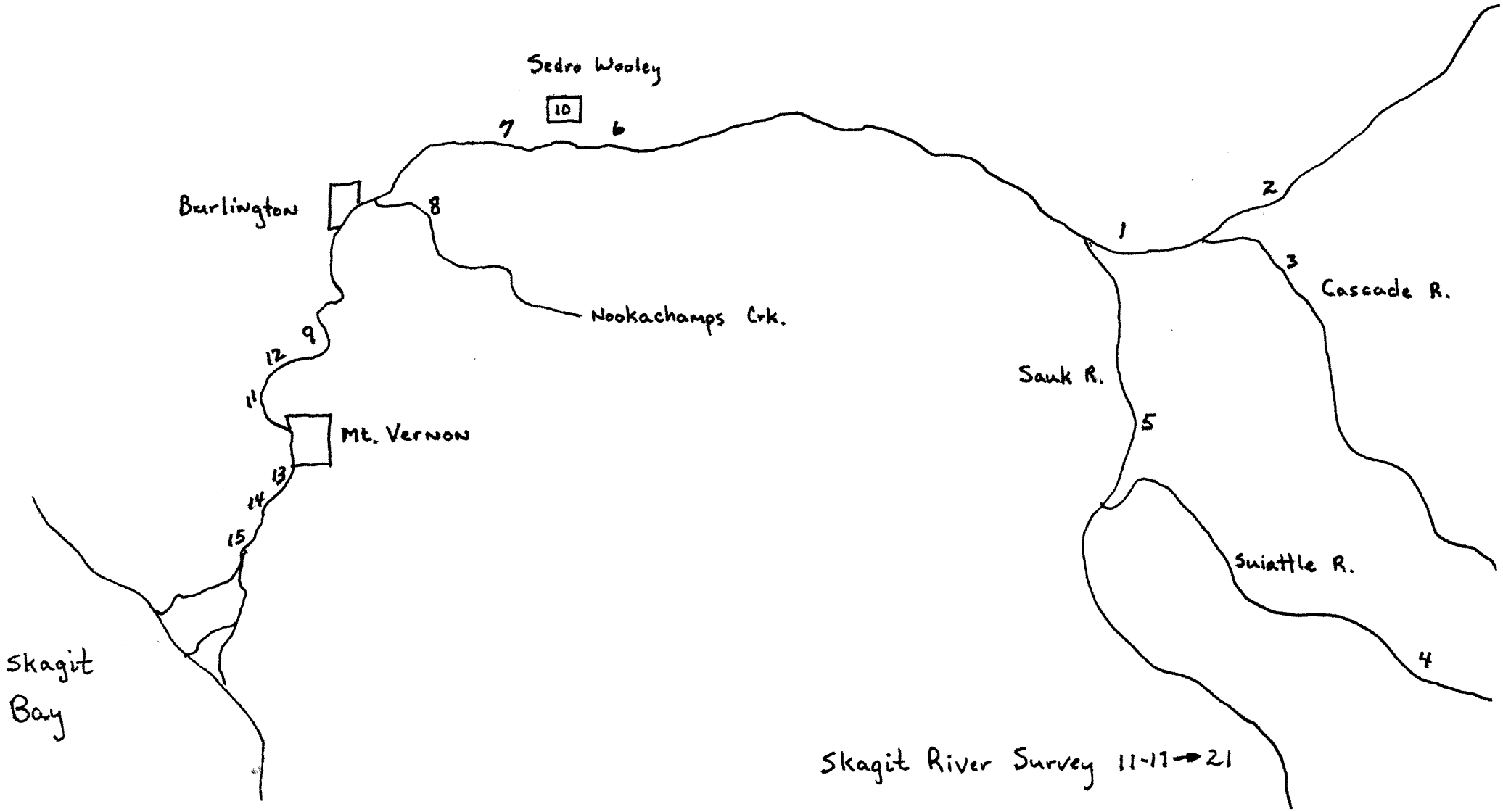
Collected By P. WILLIAMS

Date Collected 11-19-75

Log Number:	75-5387	88	89	90	91							
Station:	#11	12	13	14	15							
pH												
Turbidity (JTU)	6.	5.	8.	9.	6.							
Conductivity (μmhos/cm)@25°C	66	63	50	60	59							
~~COD~~ 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												
~~Total Suspended Solids~~ Potassium	0.55	0.55	0.55	0.55	0.55							
Total Sus. Non Vol. Solids												
T. ALKALINITY (as $CaCO_3$)	22.	22.	22.	22.	22.							
T. HARDNESS (as $CaCO_3$)	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. Bell Date 12-4-75



Skagit River Survey 11-17→21