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FAX TRANSMISSION COVER PAGE

FAX # 425-889-8808

To: Scott Tobiason

Company Name: Port of Seattle

Telephone #:

Fax #: (206) 431-4980

PMX Project #: 55-2912-01 (61)

From: Ron Simmons Ext. 3486

Sent By: "

Date: 3/29/99

Number of Pages (Total): 7

Comments/Message:

Linda Logan asked me to fax you the datalogs for the WGR samples we collected from receiving streams on 2/22/99. I have included the compositing sheets for these three sites as well.

Please call me if I can help you in any way.

Ron

Backup Copy Will ☐ Will Not ☐ Be Sent Via

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POS Water Quality Datalog 55-2912-01(61)

SITE: WC
DATE: 2/22/99
LER(S):
R TEMP:
ATHER:

Field Measurments:

TIME	pH	Temp.(°C)	DO (mg/l)
1630	7.5	8.0	—

BOTTLE	TIME	WATER (cul.) LEVEL	(ch) (10')	COMMENTS	(for lab use) FLOW
1	1215	6.0	7.0	Light rain ; Sheen near opening	
2	1230	6.0	7.0	"	
3	1245	6.0	7.0	"	
4	1300	6.0	7.0	Rain ; sheen very light	
5	1315	6.0	7.0	"	
6	1330	7.0	8.0	Rain ; sheen gone	
7	1345	7.5	8.0	Rain ; water darker	
8	1400	8.0	8.5	Rain	
9	1415	7.5	9.0	Rain	
10	1430	7.5	9.0	Rain	
11	1445	8.0	11.0	Heavy Rain	
12	1500	8.0	12.5	Rain *	
13	1515	9.0	12.5	Rain	

WATER LEVEL: Take depth measurements as far into the culvert as possible.

Circle one: tape down / water level

Measuring Point (describe and/or sketch):

* Flow noticeably higher - spread out wider in both culvert + channel, reference rock in channel completely covered; water dark brown.

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(253 (206) 948-6160

AR 026678

Flow Weighting Calculation Worksheet

Site	Walker
Date	23-Feb
Pipe Size	30

Subsample Number	fill in this column Water Level	fill in this column Flow	%	Subsample Volume (L) mL
1	6	2	0.054495913	436
2	6	2	0.054495913	436
3	6	2	0.054495913	436
4	6	2	0.054495913	436
5	6	2	0.054495913	436
6	7	2.7	0.073569482	589
7	7.5	3.2	0.08719346	698
8	8	3.6	0.098092643	785
9	7.5	3.2	0.08719346	698
10	7.5	3.2	0.08719346	698
11	8	3.6	0.098092643	785
12	8	3.6	0.098092643	785
13	8	3.6	0.098092643	785
14			0	0
15			0	0
16			0	0
17			0	0
18			0	0
19			0	0
20			0	0
		36.7	1	8000 mL (should total 8 L)

total storm flow	33030

POS Water Quality Datalog 55-2912-01(61)

SITE: DMC-W (Ds Holmes Creek)
DATE: 2/21/99
LER(S): S Belway
R TEMP: _____
ATHER: 50° RAINY & WINDY

Field Measurments:			
TIME	pH	Temp.(°C)	DO (mg/l)
1240	6.8	7.3	

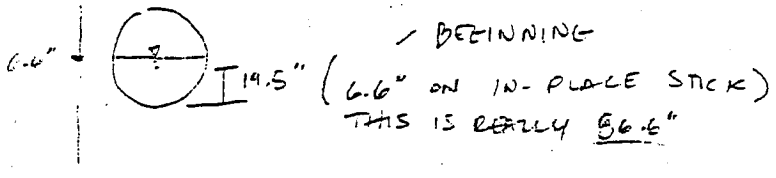
BOTTLE	TIME	WATER LEVEL (in.)	COMMENTS	(for lab use) FLOW
1	1246	6.6"		
2	1301	6.8"		
3	1316	7"		
4	1331	7.2		
5	1346	7.3"		
6	1401	7.5"		
7	1416	7.7"		
8	1431	8.0		
9	1446	8.8	VERY HEAVY RAIN	
10	1501	9.4		
11	1516	9.9		
12	1531	10.5		
13	1546	11.5"		

WATER LEVEL: Take depth measurements as far into the culvert as possible.

Circle one: tape down / water level

Measuring Point (describe and/or sketch):

19.5"



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IPR (206) 940-6147

Flow Weighting Calculation Worksheet

Site	DMC W
Date	23-Feb
Pipe Size	30

Subsample Number	fill in this column Water Level	fill in this column Flow	%	Subsample Volume (mL)	
1	6.6	4.7	0.049111808	295	
2	6.8	4.9	0.051201672	307	
3	7	5	0.052246604	313	
4	7.2	5.1	0.053291536	320	
5	7.3	5.2	0.054336468	326	
6	7.5	5.5	0.057471264	345	
7	7.7	6.3	0.065830721	395	
8	8	6.4	0.066875653	401	
9	8.8	6.5	0.067920585	408	
10	9.4	7.8	0.081504702	489	
11	9.9	10.8	0.112852665	677	
12	10.5	12.5	0.13061651	784	
13	11.5	15	0.156739812	940	
14			0	0	
15			0	0	
16			0	0	
17			0	0	
18			0	0	
19			0	0	
20			0	0	
		95.7	1	6000	(should total 6 L)

total storm flow	86130

POS Water Quality Datalog 55-2912-01(61)

SITE: NC1
DATE: 2/22/99
LER(S): RS
R TEMP:
ATHER: morning rain
end ~ 1515.

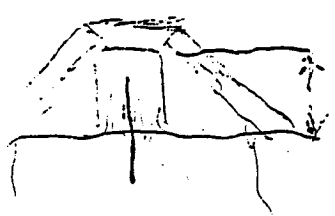
Field Measurments:			
TIME	pH	Temp.(°C)	DO (mg/l)
1335	7.5	7.3	—

BOTTLE	TIME	WATER LEVEL	COMMENTS	(for lab use) FLOW
1	1314	~~20 5/8~~ 20 3/8		
2	1329	20 1/8"		
3	1345	20 1/8"		
4	1400	21 2/8"		
5	1415	21 3/8"		
6	1430	22"		
7	1445	22 3/8"		
8	1500	22 4/8"		
9	1515	23 1/8"		
10	1530	23 5/8"		
11	1545	23 5/8"		
12	1600	23 5/8		
13	1615	22 5/8"		

WATER LEVEL: Take depth measurements as far into the culvert as possible.

Circle one: tape down / water level

Measuring Point (describe and/or sketch):



water depth @ 1314 is 20.75" deep.
water surface to measuring point (tape down) is 28.5" @ 1314.
I am measureing depth @ stream center, just inside culvert. I am using a 5' piece of rebar & measuring portion of rebar that equals water depth.

WC
1630
7.5 pH
8.0°C

NEPL
1650
8.2 pH
7.5°C

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RS @ (206) 441-6160

Flow Weighting Calculation Worksheet

Site	MC D ✓
Date	23-Feb
Pipe Size	30

Subsample Number	fill in this column Water Level	fill in this column Flow	%	Subsample Volume (mL)	
1	20.75	6	0.054545455	436	
2	20.12	4.8	0.043636364	349	
3	20.12	4.8	0.043636364	349	
4	21.25	6.5	0.059090909	473	
5	21.37	7	0.063636364	509	
6	22	8.2	0.074545455	596	
7	22.37	9	0.081818182	655	
8	22.5	9.5	0.086363636	691	
9	23.12	10.2	0.092727273	742	
10	23.67	11	0.1	800	
11	23.67	11	0.1	800	
12	23.67	11	0.1	800	
13	23.67	11	0.1	800	
14			0	0	
15			0	0	
16			0	0	
17			0	0	
18			0	0	
19			0	0	
20			0	0	
		110	1	8000	(should total 8 L)

total storm flow	99000