

# **Appendix F**

# **Sampling Field Sheets**

# VASW-1 (43)

KING COUNTY  
SOLID WASTE DIVISION

KC VASHON LF  
ID SVS1070511-  
DATE 05/11/07  
TIME 11:30  
SAMPLER SB

## VASHON-1 SURFACE WATER SAMPLING FIELD RECORD

used for Seeps SS-1, SS-2, SS-3, SS-4, SS-5, and SS-6

### FIELD SAMPLING DATA

Station: **SS-1**  
Date/Time: 05/11/07 1115  
Weather: partly cloudy, warm  
Location Description: uphill ~15 ft from SW-1 @  
focused seepage area

**COPY**

SAMPLE ID # SVS1070511 -

SAMPLE TYPE	DATE TIME	METHOD	VOLUME (mL)	CONTAINER TYPE	FIELD FILTERED (YES,NO)	PRES.	ICED YES/NO
TSS/TS	05/11/07	Peristaltic Pump w/ clean tubing	1000	blue HDPE	NO	NONE	YES
METALS, D	11/1		500	Red HDPE	YES	HNO <sub>3</sub>	YES
PHYS	2007		1000	blue HDPE	NO	NONE	YES
TOC			2,40	gray GLASS	NO	H <sub>3</sub> PO <sub>4</sub>	YES
COD/NH3	11:30		500	yellow HDPE	NO	H <sub>2</sub> SO <sub>4</sub>	YES
VOA			6@40	green GLASS	NO	HCl	YES

### FIELD WATER QUALITY PARAMETERS

INSTRUMENT NO.	4	1	1	1	2	3	
SAMPLE	SPECIFIC COND (umhos/cm)	pH VALUE	REDOX mV	TEMP (°C)	DISSOLVED OXYGEN (mg/L)	TURBIDITY NTU	TIME
	179.6	7.49	-26.7	11.4	7.49	50.9	1150

#### NOTES:

INSTRUMENTS CALIBRATED PRIOR TO USE? YES  NO  TIME: 0715  
 #1) pH meter (pH, Redox, Temp) SN# 14768 #3) Turbidimeter # 1  
 standards used 7,10,01 readings 7.02, 10.07 standard used 5.36 reading 5.61  
 #2) Dissolved Oxygen Meter SN# 4600 @ 101.7 #4) Conductivity Meter SN# 1562 @ 1414  
 3 VOA TRIP BLANKS TURNED IN WITH THIS SAMPLE? YES  NO   
 VTRP VTRP BUBBLES? YES  NO  BUBBLES: DATE:  
 MS/MD BOTTLES TURNED IN? YES  NO

SAMPLE IS TAKEN AT SURFACE WATER/ GROUNDWATER INTERFACE.

#### CUSTODY RECORD:

PERSONNEL Sevin Bilir SIGNATURE [Signature]  
 TOTAL NUMBER OF BOTTLES THIS SET 12

# VASW-1 (43)

KING COUNTY  
SOLID WASTE DIVISION

KCSW VASHON LF  
ID SVS1070814  
DATE 08/14/07  
TIME 1200  
Sampler SB

## VASHON-1 SURFACE WATER SAMPLING FIELD RECORD

used for Seeps SW-S1, SW-S2, SW-S3, SW-S4, SW-S5, SW-S6 & 24S

### FIELD SAMPLING DATA

Station: **SW-S1**  
Date/Time: 08/14/2007  
Weather: clear, cool  
Location Description: uphill ~15 ft from SW-W1 @  
focused seepage area

Note:  
V. Slow  
- sampled over  
2 days  
(see  
SVS1070815-)

KCSW VASHON LF  
ID VTRP070814R  
DATE 08/14/07  
TIME 1200  
Sampler SB

SAMPLE ID # SVS1070814 -

SAMPLE TYPE	DATE TIME	METHOD	VOLUME (mL)	CONTAINER TYPE	FIELD FILTERED (YES,NO)	PRES.	ICED YES/NO
TSS/TS	08/14/07	Peristaltic Pump w/ clean tubing	1000	blue HDPE	NO	NONE	YES
METALS, D	1		500	Red HDPE	YES	HNO <sub>3</sub>	YES
PHYS	2007		1000	blue HDPE	NO	NONE	YES
TOC			2,40	gray GLASS	NO	H <sub>3</sub> PO <sub>4</sub>	YES
COD/NH3			600	yellow HDPE	NO	H <sub>2</sub> SO <sub>4</sub>	YES
VOA			6@40	green GLASS	NO	HCl	YES

### FIELD WATER QUALITY PARAMETERS

INSTRUMENT NO.	4	1	1	1	2	3	
SAMPLE	SPECIFIC COND (umhos/cm)	pH VALUE	REDOX mV	TEMP (°C)	DISSOLVED OXYGEN (mg/L)	TURBIDITY NTU	TIME
	200	7.12	-5.9	13.5	4.95	48.7	1150

#### NOTES:

INSTRUMENTS CALIBRATED PRIOR TO USE? YES  NO  TIME: 0810  
 #1) pH meter (pH, Redox, Temp) SN# 14768 #3) Turbidimeter # 1  
 standards used 4 & 7 readings 4.01, 7.01 standard used 52.4 reading 53.4  
 #2) Dissolved Oxygen Meter SN# 4600 #4) Conductivity Meter SN# 1562 1413/1412  
 3 VOA TRIP BLANKS TURNED IN WITH THIS SAMPLE? YES  NO   
 VTRP 070814R VTRP BUBBLES? YES  NO  BUBBLES: DATE: 8/14/07  
 MS/MD BOTTLES TURNED IN? YES  NO

SAMPLE IS TAKEN AT SURFACE WATER/ GROUNDWATER INTERFACE.

#### CUSTODY RECORD:

PERSONNEL Sevin B SIGNATURE [Signature]  
 TOTAL NUMBER OF BOTTLES THIS SET 19

# VASW-1 (43)

KING COUNTY  
SOLID WASTE DIVISION

KCSW VASHON LF  
ID SVS1070815  
DATE 08/15/07  
TIME 0900  
Sampler SB

## VASHON-1 SURFACE WATER SAMPLING FIELD RECORD

used for Seeps SW-S1, SW-S2, SW-S3, SW-S4, SW-S5, SW-S6 & 24S

### FIELD SAMPLING DATA

Station: SW-S1  
Date/Time: 08/15/2007  
Weather: clear, cool  
Location Description: uphill ~15 ft from SW-W1 @  
focused seepage area

**COPY**  
V. slow recovery  
sampled over  
2 days. (see  
SVS1070814-)

SAMPLE ID # SVS1070815-

SAMPLE TYPE	DATE TIME	METHOD	VOLUME (mL)	CONTAINER TYPE	FIELD FILTERED (YES/NO)	PRES.	ICED YES/NO
TSS/TS	08/15/07	✓ 1000	1000	blue HDPE	NO	NONE	YES
METALS, D	15/07	✓ 500	500	Red HDPE	YES	HNO <sub>3</sub>	YES
PHYS	2007	✓ 1000	1000	blue HDPE	NO	NONE	YES
TOC		✓ 2.40	2.40	gray GLASS	NO	H <sub>3</sub> PO <sub>4</sub>	YES
COD/NH3	09:00	✓ 500	500	yellow HDPE	NO	H <sub>2</sub> SO <sub>4</sub>	YES
VOA		✓ 6@40	6@40	green GLASS	NO	HCl	YES

Peristaltic Pump w/ clean tubing

### FIELD WATER QUALITY PARAMETERS

INSTRUMENT NO.	4	1	1	1	2	3	
	SPECIFIC COND (umhos/cm)	pH VALUE	REDOX mV	TEMP (°C)	DISSOLVED OXYGEN (mg/L)	TURBIDITY NTU	TIME

see SVS1070814-

### NOTES:

INSTRUMENTS CALIBRATED PRIOR TO USE? YES  NO  TIME: 0830  
 #1) pH meter (pH, Redox, Temp) SN# 14768 standards used 4 & 7 readings 4.01/7.01  
 #2) Dissolved Oxygen Meter SN# 4600 standard used 52.4 reading 54.1  
 #3) Turbidimeter # 1 standard used 52.4 reading 54.1  
 #4) Conductivity Meter SN# 1562 1413/1414  
 3 VOA TRIP BLANKS TURNED IN WITH THIS SAMPLE? YES  NO   
 VTRP VTRP BUBBLES? YES  NO  BUBBLES: DATE:  
 MS/MD BOTTLES TURNED IN? YES  NO

SAMPLE IS TAKEN AT SURFACE WATER/ GROUNDWATER INTERFACE.

### CUSTODY RECORD:

PERSONNEL SBilir SIGNATURE [Signature]  
 TOTAL NUMBER OF BOTTLES THIS SET 12

# VASW-1 (43)

KING COUNTY  
SOLID WASTE DIVISION

PART 1 →  
KCSW SVS1071031-  
10/31/07  
SB

## VASHON-1 SURFACE WATER SAMPLING FIELD RECORD

used for Seeps SW-S1, SW-S2, SW-S3, SW-S4, SW-S5, SW-S6

### FIELD SAMPLING DATA

Station: SW-S1  
Date/Time: 10/31/2007 + 11/1/07  
Weather: cool, overcast  
Location Description: uphill ~15 ft from SW-W1 @  
focused seepage area

**COPY**  
PART 2 →  
KCSW VASHON LF  
ID SVS1071101-  
DATE 11/01/07  
11:30  
Sampler SB

SAMPLE ID # SVS1071031- and SVS1071101-

SAMPLE TYPE	DATE TIME	METHOD	VOLUME (mL)	CONTAINER TYPE	FIELD FILTERED (YES/NO)	PRES.	ICED YES/NO
TSS/TS	10/31/2007	✓ 1000	1000	blue HDPE	NO	NONE	YES
METALS, D	0930#	✓ 500	500	Red HDPE	YES	HNO <sub>3</sub>	YES
PHYS	10/31/2007	✓ 1000	1000	blue HDPE	NO	NONE	YES
TOC		✓ 2.40	2.40	gray GLASS	NO	H <sub>3</sub> PO <sub>4</sub>	YES
COD/NH3	11:30	✓ 500	500	yellow HDPE	NO	H <sub>2</sub> SO <sub>4</sub>	YES
VOA		✓ 6@40	6@40	green GLASS	NO	HCl	YES

Peristaltic Pump w/ clean tubing

SVS1071101-  
SVS1071031-

### FIELD WATER QUALITY PARAMETERS

INSTRUMENT NO.	4	1	1	1	2	3	
	SPECIFIC COND (umhos/cm)	pH VALUE	REDOX mV	TEMP (°C)	DISSOLVED OXYGEN (mg/L)	TURBIDITY NTU	TIME

10/31 192 7.06 -3.0 9.1 6.3 5.93 1120

### NOTES:

INSTRUMENTS CALIBRATED PRIOR TO USE? YES  NO  TIME: 0900  
 #1) pH meter (pH, Redox, Temp) SN# 14768 standards used 4 & 7 readings 4.1/7.13  
 #2) Dissolved Oxygen Meter SN# 4600 standard used 52.4 reading 56.8  
 #3) Turbidimeter # 1 standard used 52.4 reading 56.8  
 #4) Conductivity Meter SN# 1562 1413/1431  
 3 VOA TRIP BLANKS TURNED IN WITH THIS SAMPLE? YES  NO   
 VTRP VTRP BUBBLES? YES  NO  BUBBLES: DATE:  
 MS/MD BOTTLES TURNED IN? YES  NO

SAMPLE IS TAKEN AT SURFACE WATER/ GROUNDWATER INTERFACE.

### CUSTODY RECORD:

PERSONNEL SIGNATURE [Signature]  
 TOTAL NUMBER OF BOTTLES THIS SET 12

# VASW-1 (43)

KING COUNTY  
SOLID WASTE DIVISION

KCSW VASHON LF  
ID SVS1071219-  
DATE 12/19/2007

## VASHON-1 SURFACE WATER SAMPLING FIELD RECORD

used for Seeps SW-S1, SW-S2, SW-S3, SW-S4, SW-S5, SW-S6

Sampler SB

### FIELD SAMPLING DATA

Station: SW-S1  
Date/Time: 12 / 19 / 2007 0945  
Weather: Rain, 40°S  
Location Description: uphill ~15 ft from SW-W1 @  
focused seepage area

**COPY**

KCSW VASHON LF  
ID SVS1071220-  
DATE 12/20/2007

Sampler SB

SAMPLE ID # SVS1071219- / SVS1071220-

SAMPLE TYPE	DATE TIME	METHOD	VOLUME (mL)	CONTAINER TYPE	FIELD FILTERED (YES/NO)	PRES.	ICED YES/NO
TSS/TS	12/19	Peristaltic Pump w/ clean tubing	1000	blue HDPE	NO	NONE	YES -12/20
METALS, D	19		500	Red HDPE	YES	HNO <sub>3</sub>	YES -12/19
PHYS	2007		1000	blue HDPE	NO	NONE	YES -12/20
TOC	09:45		2.40	gray GLASS	NO	H <sub>3</sub> PO <sub>4</sub>	YES
COD/NH3			500	yellow HDPE	NO	H <sub>2</sub> SO <sub>4</sub>	YES
VOA		6@40	green GLASS	NO	HCl	YES -12/19	

### FIELD WATER QUALITY PARAMETERS

INSTRUMENT NO.	4	1	1	1	2	3	
SPECIFIC COND (umhos/cm)	pH VALUE	REDOX mV	TEMP (°C)	DISSOLVED OXYGEN (mg/L)	TURBIDITY NTU	TIME	
224	7.89	X	7.7	8.69	7.11	0940	

#### NOTES:

INSTRUMENTS CALIBRATED PRIOR TO USE? YES  NO  TIME: 0930  
 #1) pH meter (pH, Redox, Temp) SN# 14788  #3) Turbidimeter # 1  
 standards used 4 & 7 readings standard used 52.4 reading 60.3  
 #2) Dissolved Oxygen Meter SN# 4600  #4) Conductivity Meter SN# 1562 1413/1417  
 3 VOA TRIP BLANKS TURNED IN WITH THIS SAMPLE? YES  NO  X (09606)  
 VTRP VTRP BUBBLES? YES  NO  BUBBLES: DATE:  
 MS/MD BOTTLES TURNED IN? YES  NO

SAMPLE IS TAKEN AT SURFACE WATER/ GROUNDWATER INTERFACE.

#### CUSTODY RECORD:

PERSONNEL

Sevin B.

SIGNATURE

[Signature]

TOTAL NUMBER OF BOTTLES THIS SET

4  
12/19 10  
12/20 2

seeps/fieldsheets.xls

# VASW-1 (43)

KING COUNTY  
SOLID WASTE DIVISION

KCSW VASHON LF  
ID SVS1080311

## VASHON-1 SURFACE WATER SAMPLING FIELD RECORD

used for Seeps SW-S1, SW-S2, SW-S3, SW-S4, SW-S5, SW-S6

Date 03/11/2008

Sampler SB

### FIELD SAMPLING DATA

Station: SW-S1  
Date/Time: 3 / 11 / 2008 0930  
Weather: ptly cloudy, cool, 40°S windy, Raining  
Location Description: uphill ~15 ft from SW-W1 @  
focused seepage area

**COPY**

KCSW VASHON LF

ID SVS1080311

Date 03/12/2008

Sampler SB

SAMPLE ID # SVS1080311

SAMPLE TYPE	DATE TIME	METHOD	VOLUME (mL)	CONTAINER TYPE	FIELD FILTERED (YES/NO)	PRES.	ICED YES/NO
TSS/TS	3/11	Peristaltic Pump w/ clean tubing	1000	blue HDPE	NO	NONE	YES 3/12
METALS, D	11		500	Red HDPE	YES	HNO <sub>3</sub>	YES 3/12
PHYS	2008		1000	blue HDPE	NO	NONE	YES did not collect
TOC	09:40		2.40	gray GLASS	NO	H <sub>3</sub> PO <sub>4</sub>	YES 3/11
COD/NH3			500	yellow HDPE	NO	H <sub>2</sub> SO <sub>4</sub>	YES 3/12
VOA		6@40	green GLASS	NO	HCl	YES 3/11	

### FIELD WATER QUALITY PARAMETERS

INSTRUMENT NO.	4	1	1	1	2	3	
SPECIFIC COND (umhos/cm)	pH VALUE	REDOX mV	TEMP (°C)	DISSOLVED OXYGEN (mg/L)	TURBIDITY NTU	TIME	
211	7.69	-40.1	7.9	6.4	18.8	0935	

#### NOTES:

INSTRUMENTS CALIBRATED PRIOR TO USE? YES  NO  TIME: 0830  
 #1) pH meter (pH, Redox, Temp) SN# 14788 3140044  #3) Turbidimeter # 1  
 standards used 4 & 7 readings SLP-5748 F25 standard used 52.4 reading 55.1  
 #2) Dissolved Oxygen Meter SN# 4600 101.7  #4) Conductivity Meter SN# 1562 1413/1417  
 3 VOA TRIP BLANKS TURNED IN WITH THIS SAMPLE? YES  NO   
 VTRP VTRP BUBBLES? YES  NO  BUBBLES: DATE:  
 MS/MD BOTTLES TURNED IN? YES  NO

SAMPLE IS TAKEN AT SURFACE WATER/ GROUNDWATER INTERFACE.

#### CUSTODY RECORD:

PERSONNEL

SBilir

SIGNATURE

[Signature]

TOTAL NUMBER OF BOTTLES THIS SET

4  
80/11/08  
80/12/08

seeps/fieldsheets.xls



# VASW-1 (43)

KING COUNTY  
SOLID WASTE DIVISION

## VASHON-1 SURFACE WATER SAMPLING FIELD RECORD

used for Seeps SW-S1, SW-S2, SW-S3, SW-S4, SW-S5, SW-S6

### FIELD SAMPLING DATA

Station: SW-S1  
 Date/Time: 7/15/2008 1200  
 Weather: warm, 75°F, clear  
 Location Description: uphill ~15 ft from SW-W1 @ focused seepage area

NO SAMPLE  
COPY

### SAMPLE ID #

SAMPLE TYPE	DATE TIME	METHOD	VOLUME (ml)	CONTAINER TYPE	FIELD PRESERVED	CED YES/NO
TSS/TS	7/15/2008	10/	1000	blue HDPE	NO	YES
METALS, D	7/15/2008	1	500	Red HDPE	YES	YES
PHYS	7/15/2008	2008	1000	blue HDPE	NO	YES
TOC	7/15/2008	2.40	gray GLASS	NO	H <sub>3</sub> PO <sub>4</sub>	YES
COD/MH3	7/15/2008	500	yellow HDPE	NO	H <sub>2</sub> SO <sub>4</sub>	YES
VOA	7/15/2008	6@40	green GLASS	NO	HCl	YES

### FIELD WATER QUALITY PARAMETERS

INSTRUMENT NO.	4	1	1	1	2	3	TIME
METHOD	SPECIFIC COND (umhos/cm)	pH VALUE	REDOX mV	TEMP (°C)	DISSOLVED OXYGEN (mg/L)	TURBIDITY NTU	
Peristaltic Pump w/ clean tubing	220	7.12	-17.6	13.6	2.0	20.2	1200

NOTES:  
 INSTRUMENTS CALIBRATED PRIOR TO USE? YES  NO  TIME: 0810  
 #1) pH meter (pH, Redox, Temp) SN# 03140044 #3) Turbidimeter # 1  
 standards used 4 & 7 readings 57.1/-6 standard used 5.36 reading 56.9  
 #2) Dissolved Oxygen Meter SN# 4600 101.7 #4) Conductivity Meter SN# 1562 1413/1411  
 3 VOA TRIP BLANKS TURNED IN WITH THIS SAMPLE? YES  NO  N/A  
 VTRP VTRP BUBBLES? YES  NO  BUBBLES: DATE:  
 MS/MD BOTTLES TURNED IN? YES  NO  N/A

SAMPLE IS TAKEN AT SURFACE WATER/ GROUNDWATER INTERFACE.

### CUSTODY RECORD:

PERSONNEL: S. Bilir SIGNATURE: [Signature]  
 TOTAL NUMBER OF BOTTLES THIS SET: 2

# VASW-1 (43)

KING COUNTY  
SOLID WASTE DIVISION

## VASHON-1 SURFACE WATER SAMPLING FIELD RECORD

used for Seeps SW-S1, SW-S2, SW-S3, SW-S4, SW-S5, SW-S6, SW-24S

### FIELD SAMPLING DATA

Station: SW-S1  
 Date/Time: 10/07/2008 0930  
 Weather: windy, pty cloudy, 50°F  
 Location Description: uphill ~15 ft from SW-W1 @ focused seepage area

Place label here

COPY

### SAMPLE ID #

SAMPLE TYPE	DATE TIME	METHOD	VOLUME (ml)	CONTAINER TYPE	FIELD PRESERVED	CED YES/NO
TSS/TS	10/7/2008	10/	1000	blue HDPE	NO	YES
METALS, D	10/7/2008	1	500	Red HDPE	YES	YES
PHYS	10/7/2008	2008	1000	blue HDPE	NO	YES
TOC	10/7/2008	2.40	gray GLASS	NO	H <sub>3</sub> PO <sub>4</sub>	YES
COD/MH3	10/7/2008	500	yellow HDPE	NO	H <sub>2</sub> SO <sub>4</sub>	YES
VOA	10/7/2008	6@40	green GLASS	NO	HCl	YES

### FIELD WATER QUALITY PARAMETERS

INSTRUMENT NO.	4	1	1	1	2	3	TIME
METHOD	SPECIFIC COND (umhos/cm)	pH VALUE	REDOX mV	TEMP (°C)	DISSOLVED OXYGEN (mg/L)	TURBIDITY NTU	
Peristaltic Pump w/ clean tubing	226	6.75	4.2	11.7	8.09	158	0945

NOTES:  
 INSTRUMENTS CALIBRATED PRIOR TO USE? YES  NO  TIME: 0935  
 #1) pH meter (pH, Redox, Temp) SN# 03140044 #3) Turbidimeter # 1  
 standards used 4 & 7 readings 4.01/7 standard used 52.4 reading 56.9  
 #2) Dissolved Oxygen Meter SN# 4600 101.7 #4) Conductivity Meter SN# 1562 1413/1423  
 3 VOA TRIP BLANKS TURNED IN WITH THIS SAMPLE? YES  NO  20.99  
 VTRP VTRP BUBBLES? YES  NO  BUBBLES: DATE:  
 MS/MD BOTTLES TURNED IN? YES  NO  N/A  
 EQUIPMENT BLANK TURNED IN WITH THIS SAMPLE? YES  NO

SAMPLE IS TAKEN AT SURFACE WATER/ GROUNDWATER INTERFACE.

### CUSTODY RECORD:

PERSONNEL: S. Bilir SIGNATURE: [Signature] DATE / TIME: 10/07/08: 0950  
 TOTAL NUMBER OF BOTTLES THIS SET: 2 N/A

# VASW-1 (43)

KING COUNTY  
SOLID WASTE DIVISION

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## VASHON-1 SURFACE WATER SAMPLING FIELD RECORD

used for Seeps SW-S1, SW-S2, SW-S3, SW-S4, SW-S5, SW-S6, SW-24S

### FIELD SAMPLING DATA

Station: SW-S1  
 Date/Time: 01/07/2009 1015  
 Weather: rainy, 50's, overcast  
 Location Description: uphill ~15 ft from SW-W1 @  
 focused seepage area

**COPY**

### SAMPLE ID #

SAMPLE TYPE	DATE TIME	METHOD	VOLUME (mL)	CONTAINER TYPE	FIELD FILTERED	CED YES/NO
TSS/TS			1000	blue HDPE	NO	YES
METALS, D			500	gray HDPE	NO	YES
PHYS			1000	blue HDPE	NO	YES
TOC			240	gray GLASS	NO	YES
COD/MN			500	yellow HDPE	NO	YES
VOA			6@40	green GLASS	NO	YES

**No sample collected**

### FIELD WATER QUALITY PARAMETERS

INSTRUMENT NO.	4	1	1	1	2	3	
METHOD	SPECIFIC COND (umhos/cm)	pH VALUE	REDOX mV	TEMP (°C)	DISSOLVED OXYGEN (mg/L)	TURBIDITY NTU	TIME
Peristaltic Pump w/ clean tubing	214	6.8	0.6	9.2	10.2	88.0	1020

### NOTES:

INSTRUMENTS CALIBRATED PRIOR TO USE? YES  NO  TIME: 1000  
 #1) pH meter (pH, Redox, Temp) SN# 03140044 standards used 4 & 7 readings -54.9  
 #2) Dissolved Oxygen Meter SN# 4600 101.7  
 #3) Turbidimeter # 1 standard used 52.4 reading 54.8  
 #4) Conductivity Meter SN# 1562 1413/ 1433  
 3 VOA TRIP BLANKS TURNED IN WITH THIS SAMPLE? YES  NO

VTRP \_\_\_\_\_ VTRP BUBBLES? YES  NO  BUBBLES \_\_\_\_\_ DATE: \_\_\_\_\_  
 MS/MD BOTTLES TURNED IN? YES  NO   
 EQUIPMENT BLANK TURNED IN WITH THIS SAMPLE? YES  NO   
 SAMPLE TAKEN AT SURFACE WATER/ GROUNDWATER INTERFACE.

### CUSTODY RECORD:

PERSONNEL S. Bilir SIGNATURE [Signature] DATE / TIME 01/07/09 1030  
 TOTAL NUMBER OF BOTTLES THIS SET N/A

# VASW-1 (43)

KING COUNTY  
SOLID WASTE DIVISION

Place label here

## VASHON-1 SURFACE WATER SAMPLING FIELD RECORD

used for Seeps SW-S1, SW-S2, SW-S3, SW-S4, SW-S5, SW-S6, SW-24S

### FIELD SAMPLING DATA

Station: SW-S1  
 Date/Time: 03/25/2009 1145  
 Weather: cool, overcast, rainy  
 Location Description: uphill ~15 ft from SW-W1 @  
 focused seepage area

**COPY**

### SAMPLE ID #

SAMPLE TYPE	DATE TIME	METHOD	VOLUME (mL)	CONTAINER TYPE	FIELD FILTERED	CED YES/NO
TSS/TS			1000	blue HDPE	NO	YES
METALS, D			500	gray HDPE	NO	YES
PHYS			1000	blue HDPE	NO	YES
TOC			240	gray GLASS	NO	YES
COD/MN			500	yellow HDPE	NO	YES
VOA			6@40	green GLASS	NO	YES

**No sample collected**

### FIELD WATER QUALITY PARAMETERS

INSTRUMENT NO.	4	1	1	1	2	3	
METHOD	SPECIFIC COND (umhos/cm)	pH VALUE	REDOX mV	TEMP (°C)	DISSOLVED OXYGEN (mg/L)	TURBIDITY NTU	TIME
Peristaltic Pump w/ clean tubing	183.1	7.35	-23.1	7.4	6.71	13.3	1145

### NOTES:

INSTRUMENTS CALIBRATED PRIOR TO USE? YES  NO  TIME: 1030  
 #1) pH meter (pH, Redox, Temp) SN# 03140044 standards used 4 & 7 readings -55.61 - 6  
 #2) Dissolved Oxygen Meter SN# 4600 101.7  
 #3) Turbidimeter # 1 standard used 52.4 reading 55.7  
 #4) Conductivity Meter SN# 1562 1413/ 1433  
 3 VOA TRIP BLANKS TURNED IN WITH THIS SAMPLE? YES  NO

VTRP \_\_\_\_\_ VTRP BUBBLES? YES  NO  BUBBLES \_\_\_\_\_ DATE: \_\_\_\_\_  
 MS/MD BOTTLES TURNED IN? YES  NO   
 EQUIPMENT BLANK TURNED IN WITH THIS SAMPLE? YES  NO   
 SAMPLE TAKEN AT SURFACE WATER/ GROUNDWATER INTERFACE.

### CUSTODY RECORD:

PERSONNEL S. Bilir SIGNATURE [Signature] DATE / TIME 3/25/2009 1200  
 TOTAL NUMBER OF BOTTLES THIS SET N/A

VASW-1 (43)

VASHON-1 SURFACE WATER FIELD RECORD

used for Seeps SW-S1, SW-24S, SW-S3

FIELD SAMPLING DATA

Station: SW-S1  
Date/Time: 07 / 14 / 2009 1000  
Weather: Overcast, ~65°F  
Location: uphill ~15 ft from SW-W1 at focused seepage area

SAMPLE ID #	DATE	METHOD	VOLUME (mL)	CONTAINER TYPE	FIELD FILTERED	CONSERVATIVE	ICED
TSS	7/14/09	1000	1000	NH HDPE	NO	NONE	YES
COND/pH/ALK	7/14/09	500	500	NH HDPE	NO	NONE	YES
TDS/TOTS	7/14/09	500	500	AMBER GLASS	NO	H <sub>3</sub> PO <sub>4</sub>	YES
NH <sub>3</sub> /NO <sub>3</sub>	7/14/09	500	500	Acid washed HDPE	YES	NONE	YES
CL/SO <sub>4</sub>	7/14/09	4,40	4,40	GLASS	NO	HCl	YES

LABEL THE DISSOLVED METALS BOTTLE "FIELD FILTERED"

FIELD WATER QUALITY PARAMETERS

INSTR. #	1562	3140044	3140044	3140044	4600	1	
SAMPLE	COND (umhos/cm)	pH VALUE	REDOX mV	TEMPERATURE (°C)	DISSOLVED OXYGEN (mg/L)	TURBIDITY NTU	TIME
Peristaltic pump w/ cleaned tubing	197	6.82	5.7	13.8	4.16	42.1	1015

SAMPLE IS TAKEN AT SURFACE WATER / GROUNDWATER INTERFACE.

NOTES: INSTRUMENTS CALIBRATED PRIOR TO USE? YES  NO  BUFFERS: 4, 7, 10

3 VTRPs TURNED IN? YES  NO  ID: \_\_\_\_\_

BUBBLES? YES  NO  BUBBLE DIAMETER \_\_\_\_\_

EQUIPMENT BLANK TURNED IN? YES  NO  ID: \_\_\_\_\_

NO QC \_\_\_\_\_

CUSTOMER RECORD:  
PERSONNEL: Sevin Bilir SIGNATURE: [Signature] DATE/TIME: 07/14/09

TOTAL NUMBER OF BOTTLES THIS SET: N/A

VASW-1 (43)

VASHON-1 SURFACE WATER FIELD RECORD

used for Seeps SW-S1, SW-24S, SW-S3

FIELD SAMPLING DATA

Station: SW-S1  
Date/Time: 10 / 27 / 2009 0930  
Weather: Overcast 40°S  
Location: uphill ~15 ft from SW-W1 at focused seepage area

SAMPLE ID #	DATE	METHOD	VOLUME (mL)	CONTAINER TYPE	FIELD FILTERED	CONSERVATIVE	ICED
TSS	10/27/09	1000	1000	NH HDPE	NO	NONE	YES
COND/pH/ALK	10/27/09	500	500	NH HDPE	NO	NONE	YES
TDS/TOTS	10/27/09	500	500	AMBER GLASS	NO	H <sub>3</sub> PO <sub>4</sub>	YES
NH <sub>3</sub> /NO <sub>3</sub>	10/27/09	500	500	Acid washed HDPE	YES	NONE	YES
CL/SO <sub>4</sub>	10/27/09	4,40	4,40	GLASS	NO	HCl	YES

LABEL THE DISSOLVED METALS BOTTLE "FIELD FILTERED"

FIELD WATER QUALITY PARAMETERS

INSTR. #	1562	3140044	3140044	3140044	4600	1	
SAMPLE	COND (umhos/cm)	pH VALUE	REDOX mV	TEMPERATURE (°C)	DISSOLVED OXYGEN (mg/L)	TURBIDITY NTU	TIME
Peristaltic pump w/ cleaned tubing	163.3	6.8	-3.0	8.6	6.89	45.9	930

SAMPLE IS TAKEN AT SURFACE WATER / GROUNDWATER INTERFACE.

NOTES: INSTRUMENTS CALIBRATED PRIOR TO USE? YES  NO  BUFFERS: 4, 7, 10

3 VTRPs TURNED IN? YES  NO  ID: VTRP0911

BUBBLES? YES  NO  BUBBLE DIAMETER \_\_\_\_\_

EQUIPMENT BLANK TURNED IN? YES  NO  ID: \_\_\_\_\_

NO QC \_\_\_\_\_

CUSTOMER RECORD:  
PERSONNEL: Sevin Bilir SIGNATURE: [Signature] DATE/TIME: 10/27/09

TOTAL NUMBER OF BOTTLES THIS SET: N/A

# VASW-1 (43)

## VASHON-1 SURFACE WATER FIELD RECORD

### FIELD SAMPLING DATA

Station: SW-S1  
 Date/Time: 02/04/10 1240  
 Weather: overcast  
 Location: West Hillslope

**COPY**

### SAMPLING DATA

SAMPLE ID #	DATE	VOLUME	CONTAINER	FIELD FILTERED	ICED
TYPE	TIME	(mL)	TYPE	(YES/NO)	YES/NO
TSS	/	1000	WM HDPE	NO	YES
COND/ALK	/	500	WM HDPE	NO	YES
TDS/TOTS	2010	500	WM HDPE	NO	YES
NH <sub>3</sub> /NO <sub>3</sub>	/	250	WM HDPE	NO	YES
CL/SO <sub>4</sub>	a.m.	125	NM HDPE	NO	YES
TOC	/	240	AMBER GLASS	NO	YES
METALS, t	/	500	Acid Washed HDPE	NO	YES
METALS, d	/	500	Acid Washed HDPE	YES	YES
VOA	/	40	GLASS	NO	YES

PLEASE REMEMBER TO FILTER THE DISS METALS AND MAKE SURE THE TOTAL AND DISSOLVED METALS GO INTO THE CORRECT BOTTLES.

### FIELD WATER QUALITY PARAMETERS

INSTR. # 1562 3140044 1562 0000323 1 TURB STD USED: 52.4  
 METER READING: 59.7

SAMPLE	COND (umhos/cm)	pH VALUE	TEMPERATURE (°C)	DISSOLVED OXYGEN (mg/L)	TURBIDITY NTU	TIME
1	167.2	7.24	9.2	4.29	12.2	1245

### NOTES:

INSTRUMENTS CALIBRATED PRIOR TO USE? YES  NO  BUFFERS: 4, 7 10  
 3 VTRPs TURNED IN? YES  NO  VTRP09 DATE: \_\_\_\_\_  
 BUBBLES? YES  NO  BUBBLE DIAMETERS: \_\_\_\_\_  
 NO QC BOTTLES

### CUSTODY RECORD:

PERSONNEL: BILIR SIGNATURE: [Signature] DATE/TIME: 02/04/10 12:50

# VASW-1 (43)

## VASHON-1 SURFACE WATER FIELD RECORD

used for Seeps SW-S1, SW-24S, SW-S3

### FIELD SAMPLING DATA

Station: SW-S1  
 Date/Time: 04/15/2010 1135  
 Weather: Rain, Newcastle, 50°F  
 Location: uphill -15 ft from SW-W1 at focused seepage area

**COPY**

**No Sample Collected**

SAMPLE ID #	DATE	VOLUME	CONTAINER	FIELD FILTERED	ICED
TYPE	TIME	(mL)	TYPE	(YES/NO)	YES/NO
TSS	/	1000	WM HDPE	NO	YES
COND/ALK	/	500	WM HDPE	NO	YES
TDS/TOTS	2010	500	WM HDPE	NO	YES
NH <sub>3</sub> /NO <sub>3</sub>	/	250	WM HDPE	NO	YES
CL/SO <sub>4</sub>	a.m.	125	NM HDPE	NO	YES
TOC	/	240	AMBER GLASS	NO	YES
METALS, t	/	500	Acid Washed HDPE	NO	YES
METALS, d	/	500	Acid Washed HDPE	YES	YES
VOA	/	40	GLASS	NO	YES

### FIELD WATER QUALITY PARAMETERS

INSTR. # 1562 3140044 3140044 3140044 4352 TURB STD USED: 52.4  
 METER READING: 50.5

SAMPLE	COND (umhos/cm)	pH VALUE	TEMPERATURE (°C)	DISSOLVED OXYGEN (mg/L)	TURBIDITY NTU	TIME
Peristaltic pump w/ cleaned tubing	196.8	6.79	9.6	7.65	5.92	11.40

SAMPLE IS TAKEN AT SURFACE WATER / GROUNDWATER INTERFACE.

### NOTES:

INSTRUMENTS CALIBRATED PRIOR TO USE? YES  NO  BUFFERS: 4, 7 10

**No Sample Collected**

PERSONNEL	SIGNATURE	DATE/TIME
Sevin Bilir	<u>[Signature]</u>	04/15/10

TOTAL NUMBER OF BOTTLES THIS SET X0

Place label here



KING COUNTY  
SOLID WASTE DIVISION

# VASW-1 (43)

## VASHON-1 SURFACE WATER FIELD RECORD

FIELD SAMPLING DATA (used for Seeps SW-S1, SW-24S, SW-S3)

Station: SW-S1  
Date/Time: 11/02/2010 1305  
Weather: partly cloudy, 60°F  
Location: uphill ~15 ft from SW-W1 at focused seepage area

### SAMPLING DATA

SAMPLE ID #	DATE	METHOD	VOLUME (mL)	CONTAINER TYPE	FIELD FILTERED (YES/NO)	PRES.	ICED YES/NO
TSS	11/02/2010	GRAB	1000	NM HDPE	NO	NONE	YES
COND/ALK	11/02/2010	GRAB	500	NM HDPE	NO	NONE	YES
TDS/TOTS	2010	GRAB	500	NM HDPE	NO	NONE	YES
NH <sub>3</sub> /NO <sub>3</sub>		GRAB	500	NM HDPE	NO	NONE	YES
CL/SO <sub>4</sub>	a.m.	GRAB	500	NM HDPE	NO	NONE	YES
TOC		GRAB	500	NM HDPE	NO	NONE	YES
METAL		GRAB	500	Washed HDPE	NO	NONE	YES
METAL		GRAB	500	Washed HDPE	NO	NONE	YES
VOA		GRAB	500	GLASS	NO	HCl	YES

**No sample collected**

PLEASE REMEMBER TO FILTER THE DISS METALS AND MAKE SURE THE TOTAL AND DISSOLVED METALS GO INTO THE CORRECT BOTTLES.

### FIELD WATER QUALITY PARAMETERS

INSTR. #	1562	3140044	3140044	SWD	1	
SAMPLE	COND	pH	TEMPERATURE	DISSOLVED OXYGEN	TURBIDITY	TIME
1	103.2	6.94	12.1	5.27	7.92	1310

NOTES:  
INSTRUMENTS CALIBRATED PRIOR TO USE? YES  NO   
3 VTRPs TURNED IN? YES  NO  VTRP09 DATE: 11/02/2010  
BUBBLES? YES  NO  BUBBLE DIAMETERS: 4, 7, 10  
NO QC BOTTLES

CUSTOMER: **No sample collected**  
PERSONNEL: SPILIK  
SIGNATURE: *[Signature]*  
DATE/TIME: 11/02/2010 13:15

TOTAL NUMBER OF BOTTLES THIS SET: 13

KING COUNTY  
SOLID WASTE DIVISION

# VASW-1 (43)

## VASHON-1 SURFACE WATER SAMPLING FIELD RECORD

used for Seeps SS-1, SS-2, SS-3, SS-4, SS-5, and SS-6

### FIELD SAMPLING DATA

Station: SS-2  
Date/Time: 05/09/07 1300  
Weather:  
Location Description: S of SS-1&SW-1 and East of SW-2 @ focused seepage area

### SAMPLE ID # SVS207 05 09 -

SAMPLE TYPE	DATE TIME	METHOD	VOLUME (mL)	CONTAINER TYPE	FIELD FILTERED (YES/NO)	PRES.	ICED YES/NO
TSS/TS	05/09/07	Peristaltic Pump w/ clean tubing	1000	blue HDPE	NO	NONE	YES
METALS, D	09/1		500	Red HDPE	YES	HNO <sub>3</sub>	YES
PHYS	2007		1000	blue HDPE	NO	NONE	YES
TOC			2.40	gray GLASS	NO	H <sub>3</sub> PO <sub>4</sub>	YES
COD/NH <sub>3</sub>	13:10		500	yellow HDPE	NO	H <sub>2</sub> SO <sub>4</sub>	YES
VOA			6@40	green GLASS	NO	HCl	YES

### FIELD WATER QUALITY PARAMETERS

INSTRUMENT NO.	4	1	1	1	2	3	
SAMPLE	SPECIFIC COND (umhos/cm)	pH VALUE	REDOX mV	TEMP (°C)	DISSOLVED OXYGEN (mg/L)	TURBIDITY NTU	TIME
	1031	7.09	-2.15	12.5	6.01	6.49	1330

NOTES:  
INSTRUMENTS CALIBRATED PRIOR TO USE? YES  NO  TIME: 0730  
#1) pH meter (pH, Redox, Temp) SN# 14768 standards used 7, 4 readings 4, 7.02  
#2) Dissolved Oxygen Meter SN# 41600 standard used 52.4 reading 93.4  
#3) Turbidimeter # 1  
#4) Conductivity Meter SN# 1962  
3 VOA TRIP BLANKS TURNED IN WITH THIS SAMPLE? YES  NO   
VTRP D70509S VTRP BUBBLES? YES  NO  BUBBLES: 2 not bubbles, 1 had 3mm bubble DATE: 05/08/07  
MS/MD BOTTLES TURNED IN? YES  NO

SAMPLE IS TAKEN AT SURFACE WATER/ GROUNDWATER INTERFACE.

### CUSTODY RECORD:

PERSONNEL: Sevin Bilir  
SIGNATURE: *[Signature]*  
TOTAL NUMBER OF BOTTLES THIS SET: 15

**COPY**



# VASW-1 (43)

KING COUNTY  
SOLID WASTE DIVISION

## VASHON-1 SURFACE WATER SAMPLING FIELD RECORD

used for Seeps SW-S1, SW-S2, SW-S3, SW-S4, SW-S5, SW-S6 & 24S

KCSW VASHON LF  
ID SVS2070815  
DATE 08/15/2007  
TIME 09:45  
Sampler SB

### FIELD SAMPLING DATA

Station: SW-S2

Date/Time: 08/15/2007

Weather: cool, clear

Location Description: S of SW-S1&SW-W1 and East of SW-W2 @  
focused seepage area

**COPY**

KCSW VASHON LF  
ID VTRP070815R  
DATE 08/15/07  
TIME 09:45  
Sampler SB

SAMPLE ID # SVS2070815

SAMPLE TYPE	DATE TIME	METHOD	VOLUME (mL)	CONTAINER TYPE	FIELD FILTERED (YES/NO)	PRES.	ICED YES/NO
TSS/TS	08/15	Peristaltic Pump w/ clean tubing	1000	blue HDPE	NO	NONE	YES
METALS, D	15/2007		500	Red HDPE	YES	HNO <sub>3</sub>	YES
PHYS	2007		1000	blue HDPE	NO	NONE	YES
TOC			2.40	gray GLASS	NO	H <sub>3</sub> PO <sub>4</sub>	YES
COD/NH3	09:45		500	yellow HDPE	NO	H <sub>2</sub> SO <sub>4</sub>	YES
VOA			6@40	green GLASS	NO	HCl	YES

### FIELD WATER QUALITY PARAMETERS

INSTRUMENT NO.	4	1	1	1	2	3	TIME
	SPECIFIC COND (µmhos/cm)	pH VALUE	REDOX mV	TEMP (°C)	DISSOLVED OXYGEN (mg/L)	TURBIDITY NTU	
	936	6.72	14.8	11.8	1.63	54	0930

### NOTES:

INSTRUMENTS CALIBRATED PRIOR TO USE? YES  NO

TIME: 0830

#1) pH meter (pH, Redox, Temp) SN# 14768  
standards used 4 & 7 readings 4.01/7.01

#3) Turbidimeter # 1  
standard used 52.4 reading 54.1

#2) Dissolved Oxygen Meter SN# 4600

#4) Conductivity Meter SN# 1562 1413/1414

3 VOA TRIP BLANKS TURNED IN WITH THIS SAMPLE? YES  NO

VTRP D70815R VTRP BUBBLES? YES  NO  BUBBLES: DATE: 8/15/07

MS/MD BOTTLES TURNED IN? YES  NO

SAMPLE IS TAKEN AT SURFACE WATER/ GROUNDWATER INTERFACE.

### CUSTODY RECORD:

PERSONNEL

SB/llr

SIGNATURE

[Signature]

TOTAL NUMBER OF BOTTLES THIS SET

12

# VASW-1 (43)

KING COUNTY  
SOLID WASTE DIVISION

## VASHON-1 SURFACE WATER SAMPLING FIELD RECORD

used for Seeps SW-S1, SW-S2, SW-S3, SW-S4, SW-S5, SW-S6

KCSW VASHON LF  
ID SVS2071031  
DATE 10/31/2007  
TIME 10:30  
Sampler SB

### FIELD SAMPLING DATA

Station: SW-S2

Date/Time: 10/31/2007

Weather: cool, overcast

Location Description: S of SW-S1&SW-W1 and East of SW-W2 @  
focused seepage area

**COPY**

KCSW VASHON LF  
ID VTRP071031R  
DATE 10/31/07  
TIME 10:30  
Sampler SB

SAMPLE ID # SVS2071031

SAMPLE TYPE	DATE TIME	METHOD	VOLUME (mL)	CONTAINER TYPE	FIELD FILTERED (YES/NO)	PRES.	ICED YES/NO
TSS/TS	10/31	Peristaltic Pump w/ clean tubing	1000	blue HDPE	NO	NONE	YES
METALS, D	31/2007		500	Red HDPE	YES	HNO <sub>3</sub>	YES
PHYS	2007		1000	blue HDPE	NO	NONE	YES
TOC			2.40	gray GLASS	NO	H <sub>3</sub> PO <sub>4</sub>	YES
COD/NH3	10:30		500	yellow HDPE	NO	H <sub>2</sub> SO <sub>4</sub>	YES
VOA			5@40	green GLASS	NO	HCl	YES

### FIELD WATER QUALITY PARAMETERS

INSTRUMENT NO.	4	1	1	1	2	3	TIME
	SPECIFIC COND (µmhos/cm)	pH VALUE	REDOX mV	TEMP (°C)	DISSOLVED OXYGEN (mg/L)	TURBIDITY NTU	
	942	7.14	-8.4	9.3	5.11	130	1020

### NOTES:

INSTRUMENTS CALIBRATED PRIOR TO USE? YES  NO

TIME: 0900

#1) pH meter (pH, Redox, Temp) SN# 14768  
standards used 4 & 7 readings 4/7.13

#3) Turbidimeter # 1  
standard used 52.4 reading 56.8

#2) Dissolved Oxygen Meter SN# 4600

#4) Conductivity Meter SN# 1562 1413/1414

3 VOA TRIP BLANKS TURNED IN WITH THIS SAMPLE? YES  NO

VTRP D71031R VTRP BUBBLES? YES  NO  BUBBLES: DATE: 10/29/07

MS/MD BOTTLES TURNED IN? YES  NO

SAMPLE IS TAKEN AT SURFACE WATER/ GROUNDWATER INTERFACE.

### CUSTODY RECORD:

PERSONNEL

SIGNATURE

[Signature]

TOTAL NUMBER OF BOTTLES THIS SET

X 11 + 3 VTRP

# VASW-1 (43)

KING COUNTY  
SOLID WASTE DIVISION

## VASHON-1 SURFACE WATER SAMPLING FIELD RECORD

used for Seeps SW-S1, SW-S2, SW-S3, SW-S4, SW-S5, SW-S6

### FIELD SAMPLING DATA

Station: SW-S2  
 Date/Time: 12/19/2007 1030  
 Weather: 40's, overcast  
 Location Description: S of SW-S1 & SW-W1 and East of SW-W2 @ focused seepage area

SAMPLE ID #	DATE	METHOD	VOLUME (mL)	CONTAINER TYPE	FIELD FILTERED (YES/NO)	PRES.	ICED YES/NO
SVS2071219	12/19/2007	Peristaltic Pump w/ clean tubing	1000	blue HDPE	NO	NONE	YES
TSS/TS	12/19/2007		500	Red HDPE	YES	HNO <sub>3</sub>	YES
METALS, D			1000	blue HDPE	NO	NONE	YES
PHYS			2.40	gray GLASS	NO	H <sub>3</sub> PO <sub>4</sub>	YES
TOC			500	yellow HDPE	NO	H <sub>2</sub> SO <sub>4</sub>	YES
COD/NH3	10:30		6@40	green GLASS	NO	HCl	YES
VOA							

### FIELD WATER QUALITY PARAMETERS

INSTRUMENT NO.	4	1	1	1	2	3	TIME
	SPECIFIC COND (umhos/cm)	pH VALUE	REDOX mV	TEMP (°C)	DISSOLVED OXYGEN (mg/L)	TURBIDITY NTU	
978	X	X	X	9.8	X	54	1025

NOTES:  
 INSTRUMENTS CALIBRATED PRIOR TO USE? YES  NO  TIME: 0930  
 #1) pH meter (pH, Redox, Temp) SN# 14768 standards used 4 & 7 readings X  
 #2) Dissolved Oxygen Meter SN# 4600 readings X  
 #3) Turbidimeter # 1 standard used 52.4 reading 60.3  
 #4) Conductivity Meter SN# 1562 1413/1417 (0.9606)  
 3 VOA TRIP BLANKS TURNED IN WITH THIS SAMPLE? YES  NO   
 VTRP VTRP BUBBLES? YES  NO  BUBBLES: DATE:  
 MS/MD BOTTLES TURNED IN? YES  NO

SAMPLE IS TAKEN AT SURFACE WATER/ GROUNDWATER INTERFACE.  
 CUSTODY RECORD:

PERSONNEL: \_\_\_\_\_ SIGNATURE: \_\_\_\_\_  
 TOTAL NUMBER OF BOTTLES THIS SET: 12

KCSW VASHON LF  
 ID SVS2071219-  
 DATE 12/19/2007  
 Sampler SB

COPY

# VASW-1 (43)

KING COUNTY  
SOLID WASTE DIVISION

## VASHON-1 SURFACE WATER SAMPLING FIELD RECORD

used for Seeps SW-S1, SW-S2, SW-S3, SW-S4, SW-S5, SW-S6

KCSW VASHON LF  
 ID SVS20803 11 -  
 Date 03/11/2008  
 Sampler SB

### FIELD SAMPLING DATA

Station: SW-S2  
 Date/Time: 3/11/2008 0955  
 Weather: ptly cloudy, windy, cool 40's, RAINING  
 Location Description: S of SW-S1 & SW-W1 and East of SW-W2 @ focused seepage area

SAMPLE ID #	DATE	METHOD	VOLUME (mL)	CONTAINER TYPE	FIELD FILTERED (YES/NO)	PRES.	ICED YES/NO
SVS20803 11	3/11/2008	Peristaltic Pump w/ clean tubing	1000	blue HDPE	NO	NONE	YES
TSS/TS	3/11/2008		500	Red HDPE	YES	HNO <sub>3</sub>	YES
METALS, D			1000	blue HDPE	NO	NONE	YES
PHYS			2.40	gray GLASS	NO	H <sub>3</sub> PO <sub>4</sub>	YES
TOC			500	yellow HDPE	NO	H <sub>2</sub> SO <sub>4</sub>	YES
COD/NH3	10:00		6@40	green GLASS	NO	HCl	YES
VOA							

### FIELD WATER QUALITY PARAMETERS

INSTRUMENT NO.	4	1	1	1	2	3	TIME
	SPECIFIC COND (umhos/cm)	pH VALUE	REDOX mV	TEMP (°C)	DISSOLVED OXYGEN (mg/L)	TURBIDITY NTU	
1034	7.04	-9.9	9.5	4.01	33.8	0955	

NOTES:  
 INSTRUMENTS CALIBRATED PRIOR TO USE? YES  NO  TIME: 0830  
 #1) pH meter (pH, Redox, Temp) SN# 3140044 standards used 4 & 7 readings SLP -57 mv/pH, +/- 25 standard used 52.4 reading 55.1  
 #2) Dissolved Oxygen Meter SN# 4600 101.7 #4) Conductivity Meter SN# 1562 1413/1417  
 3 VOA TRIP BLANKS TURNED IN WITH THIS SAMPLE? YES  NO   
 VTRP VTRP BUBBLES? YES  NO  BUBBLES: DATE:  
 MS/MD BOTTLES TURNED IN? YES  NO

SAMPLE IS TAKEN AT SURFACE WATER/ GROUNDWATER INTERFACE.  
 CUSTODY RECORD:

PERSONNEL: SHILIR SIGNATURE: [Signature]  
 TOTAL NUMBER OF BOTTLES THIS SET: 12

COPY

# VASW-1 (43)

KING COUNTY  
SOLID WASTE DIVISION

## VASHON-1 SURFACE WATER SAMPLING FIELD RECORD

used for Seeps SW-S1, SW-S2, SW-S3, SW-S4, SW-S5, SW-S6

### FIELD SAMPLING DATA

Station: SW-S2  
 Date/Time: 7/16/2008 1030  
 Weather: 60°F, Clear  
 Location Description: S of SW-S1&SW-W1 and East of SW-W2 @ focused seepage area

SAMPLE ID # SVS20807 16-

SAMPLE TYPE	DATE TIME	METHOD	VOLUME (mL)	CONTAINER TYPE	FIELD FILTERED (YES/NO)	PRES.	ICED YES/NO
TSS/TS	7/16	Peristaltic Pump w/ clean tubing	✓ 1000	blue HDPE	NO	NONE	YES
METALS, D	10/1		✓ 500	Red HDPE	YES	HNO <sub>3</sub>	YES
PHYS	2008		✓ 1000	blue HDPE	NO	NONE	YES
TOC			✓ 2.40	gray GLASS	NO	H <sub>3</sub> PO <sub>4</sub>	YES
COD/NH3	10:45		✓ 500	yellow HDPE	NO	H <sub>2</sub> SO <sub>4</sub>	YES
VOA			✓ 6@40	green GLASS	NO	HCl	YES

### FIELD WATER QUALITY PARAMETERS

INSTRUMENT NO.	4	1	1	1	2	3	TIME
	SPECIFIC COND (µmhos/cm)	pH VALUE	REDOX mV	TEMP (°C)	DISSOLVED OXYGEN (mg/L)	TURBIDITY NTU	
	1024	6.93	-1.5	11.2	3.5	4.47	1030

#### NOTES:

INSTRUMENTS CALIBRATED PRIOR TO USE? YES  NO  TIME: 0900  
 #1) pH meter (pH, Redox, Temp) SN# 03140044  
 standards used 4 & 7 readings 55.9/-5  
 #2) Dissolved Oxygen Meter SN# 4600 10.7  
 #3) Turbidimeter # 1 standard used 5.36 reading 5.88  
 #4) Conductivity Meter SN# 1562 1413/1416  
 3 VOA TRIP BLANKS TURNED IN WITH THIS SAMPLE? YES  NO   
 VTRP 090716V VTRP BUBBLES? YES  NO  BUBBLES: DATE: 7/14/08  
 MS/MD BOTTLES TURNED IN? YES  NO

SAMPLE IS TAKEN AT SURFACE WATER/ GROUNDWATER INTERFACE.

#### CUSTODY RECORD:

PERSONNEL: S. Bilir SIGNATURE: [Signature]  
 TOTAL NUMBER OF BOTTLES THIS SET: 12

KCSWD VASHON LF  
ID SVS2080716-

Date 07/16/2008  
Sampler SB

KCSWD VASHON LF  
ID VTRP080716V

Date 07/16/2008  
Sampler SB

COPY

# VASW-1 (43)

KING COUNTY  
SOLID WASTE DIVISION

## VASHON-1 SURFACE WATER SAMPLING FIELD RECORD

used for Seeps SW-S1, SW-S2, SW-S3, SW-S4, SW-S5, SW-S6, SW-24S

### FIELD SAMPLING DATA

Station: SW-S2  
 Date/Time: 10/07/2008 1015  
 Weather: pty cloudy, windy 50°F's  
 Location Description: S of SW-S1&SW-W1 and East of SW-W2 @ focused seepage area

SAMPLE ID # SVS2081007-

SAMPLE TYPE	DATE TIME	METHOD	VOLUME (mL)	CONTAINER TYPE	FIELD FILTERED (YES/NO)	PRES.	ICED YES/NO
TSS/TS	10/7	Peristaltic Pump w/ clean tubing	1000	blue HDPE	NO	NONE	YES
METALS, D	07/1		500	Red HDPE	YES	HNO <sub>3</sub>	YES
PHYS	2008		1000	blue HDPE	NO	NONE	YES
TOC			2.40	gray GLASS	NO	H <sub>3</sub> PO <sub>4</sub>	YES
COD/NH3	10:40		500	yellow HDPE	NO	H <sub>2</sub> SO <sub>4</sub>	YES
VOA			6@40	green GLASS	NO	HCl	YES

### FIELD WATER QUALITY PARAMETERS

INSTRUMENT NO.	4	1	1	1	2	3	TIME
	SPECIFIC COND (µmhos/cm)	pH VALUE	REDOX mV	TEMP (°C)	DISSOLVED OXYGEN (mg/L)	TURBIDITY NTU	
	1027	6.85	-2.8	10.9	4.18	5.66	1020

#### NOTES:

INSTRUMENTS CALIBRATED PRIOR TO USE? YES  NO  TIME: 0935  
 #1) pH meter (pH, Redox, Temp) SN# 03140044  
 standards used 4 & 7 readings 4.0/7  
 #2) Dissolved Oxygen Meter SN# 4600 10.7  
 #3) Turbidimeter # 1 standard used 52.4 reading 56.9  
 #4) Conductivity Meter SN# 1562 1413/1423  
 3 VOA TRIP BLANKS TURNED IN WITH THIS SAMPLE? YES  NO   
 VTRP 090716V VTRP BUBBLES? YES  NO  BUBBLES: DATE: 7/14/08  
 MS/MD BOTTLES TURNED IN? YES  NO

EQUIPMENT BLANK TURNED IN WITH THIS SAMPLE? YES  NO

SAMPLE IS TAKEN AT SURFACE WATER/ GROUNDWATER INTERFACE.

#### CUSTODY RECORD:

PERSONNEL: S. Bilir SIGNATURE: [Signature] DATE / TIME: 10/07/08: 1100  
 TOTAL NUMBER OF BOTTLES THIS SET: 12

KCSWD VASHON LF  
ID SVS2081007-

Date 10/07/2008  
Sampler SB

COPY

# VASW-1 (43)

KING COUNTY  
SOLID WASTE DIVISION

VASHON-1 SURFACE WATER SAMPLING FIELD RECORD  
used for Seeps SW-S1, SW-S2, SW-S3, SW-S4, SW-S5, SW-S6, SW-24S

FIELD SAMPLING DATA  
Station: **SW-S2**

Date/Time: 01/07/2009 1100  
Weather: rainy, 50°S, overcast  
Location Description: S of SW-S1&SW-W1 and East of SW-W2 @  
focused seepage area

KCSWD VASHON LF  
ID SVS2090107-  
Date 01/07/2009  
Sampler SB

**COPY**

SAMPLE ID # SVS2090107-

SAMPLE TYPE	DATE TIME	METHOD	VOLUME (mL)	CONTAINER TYPE	FIELD FILTERED (YES/NO)	PRES.	ICED YES/NO
TSS/TS	01/07/09	Peristaltic Pump w/ clean tubing	1000	blue HDPE	NO	NONE	YES
METALS, D	07/1		500	Red HDPE	YES	HNO <sub>3</sub>	YES
PHYS	2009		1000	blue HDPE	NO	NONE	YES
TOC			2,40	gray GLASS	NO	H <sub>3</sub> PO <sub>4</sub>	YES
COD/NH3	11:05		500	yellow HDPE	NO	H <sub>2</sub> SO <sub>4</sub>	YES
VOA			6@40	green GLASS	NO	HCl	YES

### FIELD WATER QUALITY PARAMETERS

INSTRUMENT NO.	4	1	1	1	2	3	
	SPECIFIC COND (µmhos/cm)	pH VALUE	REDOX mV	TEMP (°C)	DISSOLVED OXYGEN (mg/L)	TURBIDITY NTU	TIME
Peristaltic Pump w/ clean tubing	886	6.85	0.4	10.6	3.56	3.03	1100

### NOTES:

INSTRUMENTS CALIBRATED PRIOR TO USE? YES  NO  TIME: 1000

#1) pH meter (pH, Redox, Temp) SN# 03140044 standards used 4 & 7 readings - 54.9

#2) Dissolved Oxygen Meter SN# 4800 101.7

#3) Turbidimeter # 1 standard used 52.4 reading 54.8

#4) Conductivity Meter SN# 1562 1413/1433

3 VOA TRIP BLANKS TURNED IN WITH THIS SAMPLE? YES  NO

VTRP \_\_\_\_\_ VTRP BUBBLES? YES  NO  BUBBLES: \_\_\_\_\_ DATE: \_\_\_\_\_

MS/MD BOTTLES TURNED IN? YES  NO

EQUIPMENT BLANK TURNED IN WITH THIS SAMPLE? YES  NO

SAMPLE IS TAKEN AT SURFACE WATER/ GROUNDWATER INTERFACE.

### CUSTODY RECORD:

PERSONNEL: S. Bilir  
SIGNATURE: [Signature]  
DATE/ TIME: 01/07/09: 1100

TOTAL NUMBER OF BOTTLES THIS SET: 12

# VASW-1 (43)

KING COUNTY  
SOLID WASTE DIVISION

VASHON-1 SURFACE WATER SAMPLING FIELD RECORD  
used for Seeps SW-S1, SW-S2, SW-S3, SW-S4, SW-S5, SW-S6, SW-24S

### FIELD SAMPLING DATA

Station: **SW-S2**  
Date/Time: 03/25/2009 1100  
Weather: cool, overcast  
Location Description: S of SW-S1&SW-W1 and East of SW-W2 @  
focused seepage area

KCSWD VASHON LF  
ID SVS2090325-  
Date 03/25/2009  
Sampler SB

KCSWD VASHON LF  
ID VTRP090325R  
Date 03/25/2009  
Sampler SB

**COPY**

SAMPLE ID # SVS2090325-

SAMPLE TYPE	DATE TIME	METHOD	VOLUME (mL)	CONTAINER TYPE	FIELD FILTERED (YES/NO)	PRES.	ICED YES/NO
TSS/TS	03/25/09	Peristaltic Pump w/ clean tubing	1000	blue HDPE	NO	NONE	YES
METALS, D	25/1		500	Red HDPE	YES	HNO <sub>3</sub>	YES
PHYS	2009		1000	blue HDPE	NO	NONE	YES
TOC			2,40	gray GLASS	NO	H <sub>3</sub> PO <sub>4</sub>	YES
COD/NH3	11:10		500	yellow HDPE	NO	H <sub>2</sub> SO <sub>4</sub>	YES
VOA			6@40	green GLASS	NO	HCl	YES

### FIELD WATER QUALITY PARAMETERS

INSTRUMENT NO.	4	1	1	1	2	3	
	SPECIFIC COND (µmhos/cm)	pH VALUE	REDOX mV	TEMP (°C)	DISSOLVED OXYGEN (mg/L)	TURBIDITY NTU	TIME
Peristaltic Pump w/ clean tubing	905	6.81	+3.9	9.2	3.23	24.9	1100

### NOTES:

INSTRUMENTS CALIBRATED PRIOR TO USE? YES  NO  TIME: 1030

#1) pH meter (pH, Redox, Temp) SN# 03140044 standards used 4 & 7 readings - 55.6/-6

#2) Dissolved Oxygen Meter SN# 4800 101.7

#3) Turbidimeter # 1 standard used 52.4 reading 55.7

#4) Conductivity Meter SN# 1562 1413/1433

3 VOA TRIP BLANKS TURNED IN WITH THIS SAMPLE? YES  NO

VTRP 090325R VTRP BUBBLES? YES  NO  BUBBLES: 104mm DATE: 3/20/09

MS/MD BOTTLES TURNED IN? YES  NO

EQUIPMENT BLANK TURNED IN WITH THIS SAMPLE? YES  NO

SAMPLE IS TAKEN AT SURFACE WATER/ GROUNDWATER INTERFACE.

### CUSTODY RECORD:

PERSONNEL: S. Bilir  
SIGNATURE: [Signature]  
DATE/ TIME: 0325: 1120

TOTAL NUMBER OF BOTTLES THIS SET: 12

+3 VTRP



KING COUNTY  
SOLID WASTE DIVISION

# VASW-1 (43)

## VASHON-1 SURFACE WATER FIELD RECORD

used for Seeps SW-S2, SW-S4, SW-S5, SW-S6

### FIELD SAMPLING DATA

Station: SW-S2  
 Date/Time: 07/14/2009 1030  
 Weather: overcast ~65°F  
 Location: S of SW-S1 & SW-W1 and East of SW-W2  
 at focused seepage area

SAMPLE ID # SVS2090714

SAMPLE TYPE	DATE TIME	METHOD	VOLUME (mL)	CONTAINER TYPE	FIELD FILTERED		ICED YES
					(YES/NO)	PRESERVATIVE	
TSS			1000	✓ WM HDPE	NO	NONE	YES
COND/pH/ALK	07/14/2009	Peristaltic pump with cleaned tubing	500	✓ WM HDPE	NO	NONE	YES
TDS/TOTS			500	✓ WM HDPE	NO	NONE	YES
NH <sub>3</sub> /NO <sub>3</sub>			250	✓ WM HDPE	NO	NONE	YES
CL/SO <sub>4</sub>			125	✓ WM HDPE	NO	NONE	YES
POC	10:35		2,40	✓ AMBER GLASS	NO	H <sub>2</sub> PO <sub>4</sub>	YES
METALS, d		500	✓ Acid Washed HDPE	YES	NONE	YES	
VOA		4,40	✓ GLASS	NO	HCl	YES	

LABEL THE DISSOLVED METALS BOTTLE "FIELD FILTERED" ✓

### FIELD WATER QUALITY PARAMETERS

INSTR. #	SPEC COND	pH	REDOX	TEMPERATURE	DISSOLVED OXYGEN	TURBIDITY	TURBIDITY USED	
							METER READING	TIME
1562	3140044	3140044	3140044	4600	1	5.36	5.95	
SAMPLE	(umhos/cm)	VALUE	mV	(°C)	(mg/L)	NTU	TIME	

Peristaltic pump w/ cleaned tubing

876 6.91 -1.2 11.8 3.97 25.7 1050

SAMPLE IS TAKEN AT SURFACE WATER / GROUNDWATER INTERFACE.

### NOTES:

INSTRUMENTS CALIBRATED PRIOR TO USE? YES  NO  BUFFERS: (4, 7) 10

3 VTRPs TURNED IN? YES  NO  ID: DATE: 7/15/09

BUBBLES? YES  NO  BUBBLE DIAMETERS: @ 4mm

EQUIPMENT BLANK TURNED IN WITH THIS SAMPLE? YES  NO  ID: NO QC BOTTLES

### CUSTODY RECORD:

PERSONNEL

Sevin Bilir + K Foley

SIGNATURE

[Signature]

DATE/TIME

7/14/09

TOTAL NUMBER OF BOTTLES THIS SET

12 +3 VTRP

FILED SW\_PROJECTS\_2546085VW\_VASHON1\_01\_HILLSLOPEWSAMPLINGCOMPANYFIELD SHEETS 20

KING COUNTY  
SOLID WASTE DIVISION

# VASW-1 (43)

## VASHON-1 SURFACE WATER FIELD RECORD

used for Seeps SW-S2, SW-S4, SW-S5, SW-S6

### FIELD SAMPLING DATA

Station: SW-S2  
 Date/Time: 10/27/2009 0950  
 Weather: 40°s overcast  
 Location: S of SW-S1 & SW-W1 and East of SW-W2  
 at focused seepage area

SAMPLE ID # SVS2091077

SAMPLE TYPE	DATE TIME	METHOD	VOLUME (mL)	CONTAINER TYPE	FIELD FILTERED		ICED YES
					(YES/NO)	PRESERVATIVE	
TSS			1000	✓ WM HDPE	NO	NONE	YES
COND/pH/ALK	10/27/2009	Peristaltic pump with cleaned tubing	500	✓ WM HDPE	NO	NONE	YES
TDS/TOTS			500	✓ WM HDPE	NO	NONE	YES
NH <sub>3</sub> /NO <sub>3</sub>			250	✓ WM HDPE	NO	NONE	YES
CL/SO <sub>4</sub>			125	✓ WM HDPE	NO	NONE	YES
TOC	10:00		2,40	✓ AMBER GLASS	NO	H <sub>2</sub> PO <sub>4</sub>	YES
METALS, d		500	✓ Acid Washed HDPE	YES	NONE	YES	
VOA		4,40	✓ GLASS	NO	HCl	YES	

LABEL THE DISSOLVED METALS BOTTLE "FIELD FILTERED"

### FIELD WATER QUALITY PARAMETERS

INSTR. #	SPEC COND	pH	REDOX	TEMPERATURE	DISSOLVED OXYGEN	TURBIDITY	TURBIDITY USED	
							METER READING	TIME
1562	3140044	3140044	3140044	4600	1	5.36	6.02	
SAMPLE	(umhos/cm)	VALUE	mV	(°C)	(mg/L)	NTU	TIME	

Peristaltic pump w/ cleaned tubing

766 6.78 3.2 10.1 4.44 13.6 0955

SAMPLE IS TAKEN AT SURFACE WATER / GROUNDWATER INTERFACE.

### NOTES:

INSTRUMENTS CALIBRATED PRIOR TO USE? YES  NO  BUFFERS: (4, 7) 10

3 VTRPs TURNED IN? YES  NO  ID: VTRP0910 DATE: 10/16/09

BUBBLES? YES  NO  BUBBLE DIAMETERS: 5/1A

EQUIPMENT BLANK TURNED IN WITH THIS SAMPLE? YES  NO  ID: NO QC BOTTLES

### CUSTODY RECORD:

PERSONNEL

Sevin Bilir / CK

SIGNATURE

[Signature]

DATE/TIME

10/27/09

TOTAL NUMBER OF BOTTLES THIS SET

12 +3

FILED SW\_PROJECTS\_2546085VW\_VASHON1\_01\_HILLSLOPEWSAMPLINGCOMPANYFIELD SHEETS 20



KING COUNTY  
SOLID WASTE DIVISION

VASW-1 (43)

VASHON-1 SURFACE WATER FIELD RECORD

KCSWD VASHON LF  
ID SVS2100204-  
Date 02/04/2010  
Sampler SB

FIELD SAMPLING DATA

Station: SW-S2  
Date/Time: 02/04/10 1200  
Weather: overcast  
Location: West Hillslope

KCSWD VASHON LF  
ID VTRP100204 R  
Date 02/04/2010  
Sampler SB

SAMPLING DATA

SAMPLE ID#	DATE	METHOD	VOLUME (mL)	CONTAINER TYPE	FIELD FILTERED (YES, NO)	PRESERVATIVE	ICED YES/NO
SVS2100204-							
TSS	02/04	GRAB	1000	WM HDPE	NO	NONE	YES
COND/ALK	04	GRAB	500	WM HDPE	NO	NONE	YES
TDS/TOTS	2010	GRAB	500	WM HDPE	NO	NONE	YES
NH <sub>3</sub> /NO <sub>3</sub>	12:10	GRAB	250	WM HDPE	NO	NONE	YES
CL/SO <sub>4</sub>		GRAB	125	NM HDPE	NO	NONE	YES
TOC		GRAB	2.40	AMBER GLASS	NO	H <sub>3</sub> PO <sub>4</sub>	YES
METALS, t		GRAB	500	Acid Washed HDPE	NO	NONE	YES
METALS, d		GRAB	500	Acid Washed HDPE	YES	NONE	YES
VOA		GRAB	4.40	GLASS	NO	HCl	YES

PLEASE REMEMBER TO FILTER THE DISS METALS AND MAKE SURE THE TOTAL AND DISSOLVED METALS GO INTO THE CORRECT BOTTLES.

FIELD WATER QUALITY PARAMETERS

TURB STD USED: 52.4  
METER READING: 52.7

INSTR. #	SPEC COND	pH	TEMPERATURE	DISSOLVED OXYGEN	TURBIDITY	TIME
1562 314004 1562	9.65	6.87	10.6	3.33	2.02	1205

NOTES:  
INSTRUMENTS CALIBRATED PRIOR TO USE? YES  NO  BUFFERS: (4, 7) 10  
3 VTRPs TURNED IN? YES  NO  VTRP: 100204R DATE: 02/02/10  
BUBBLES? YES  NO  BUBBLE DIAMETERS: 1 @ 2mm  
NO QC BOTTLES

CUSTODY RECORD:

PERSONNEL: BILIR SIGNATURE: [Signature] DATE/TIME: 02/04/10 12:30

KING COUNTY  
SOLID WASTE DIVISION

VASW-1 (43)

VASHON-1 SURFACE WATER FIELD RECORD

used for Seeps SW-S2, SW-S4, SW-S5, SW-S6

KCSWD VASHON LF  
ID SVS2100415-  
Date 04/15/2010  
Sampler SB

FIELD SAMPLING DATA

Station: SW-S2  
Date/Time: 04/15/2010 1105  
Weather: Rain, overcast, 50°F's  
Location: S of SW-S1 & SW-W1 and East of SW-W2 at focused seepage area

KCSWD VASHON LF  
ID VTRP100415R  
Sampler SB

SAMPLE ID# SVS2100415-

SAMPLE TYPE	DATE TIME	METHOD	VOLUME (mL)	CONTAINER TYPE	FIELD FILTERED (YES, NO)	PRESERVATIVE	ICED YES/NO
TSS			1000 (500)	WM HDPE	NO	NONE	YES
COND/ALK	04/15		500 (200)	WM HDPE	NO	NONE	YES
TDS/TOTS	15/1		300 (300)	WM HDPE	NO	NONE	YES
NH <sub>3</sub> /NO <sub>3</sub>	2010		250 (100)	WM HDPE	NO	NONE	YES
CL/SO <sub>4</sub>			125 (100)	NM HDPE	NO	NONE	YES
TOC	11:20		2.40 (30)	Amber Glass	NO	H <sub>3</sub> PO <sub>4</sub>	YES
METALS, t			500 (200)	Acid Washed HDPE	NO	NONE	YES
METALS, d			500 (50)	Acid Washed HDPE	YES	NONE	YES
VOA			4.40 (2,40)	Glass	NO	HCl	YES

PLEASE REMEMBER TO FILTER THE DISS METALS AND PUT TOTAL AND DISSOLVED METALS INTO CORRECT BOTTLES.

FIELD WATER QUALITY PARAMETERS

TURB STD USED: 52.4  
METER READING: 50.9

INSTR. #	SPEC COND	pH	TEMPERATURE	DISSOLVED OXYGEN	TURBIDITY	TIME
1562 3140044 3140044 4352						

SAMPLE IS TAKEN AT SURFACE WATER / GROUNDWATER INTERFACE.

NOTES:  
INSTRUMENTS CALIBRATED PRIOR TO USE? YES  NO  BUFFERS: (4, 7) 10  
3 VTRPs TURNED IN? YES  NO  ID: VTRP1004 15R DATE: 4/12/10  
BUBBLES? YES  NO  BUBBLE DIAMETERS:  
EQUIPMENT BLANK TURNED IN WITH THIS SAMPLE? YES  NO  ID:  
NO QC BOTTLES

CUSTODY RECORD:

PERSONNEL: Sevin Bilir SIGNATURE: [Signature] DATE/TIME: 04/15/10 11:30  
TOTAL NUMBER OF BOTTLES THIS SET: 13 + 3

KING COUNTY  
SOLID WASTE DIVISION

VASW-1 (43)

VASHON-1 SURFACE WATER FIELD RECORD Sampler SB

FIELD SAMPLING DATA (used for Seeps SW-S2, SW-S4, SW-S5, SW-S6)

Station: SW-S2  
Date/Time: 08/12/2010 12:15  
Weather: Overcast, 70's  
Location: S of SW-S1 & SW-W1 and East of SW-W2 at focused seepage area

SAMPLING DATA

SAMPLE ID # SVS2100812-

SAMPLE TYPE	DATE TIME	METHOD	VOLUME (mL)	CONTAINER TYPE	FIELD FILTERED (YES/NO)	PRESERVATIVE	CEC
TSS	8/12/10	Peristaltic pump with cleaned tubing	1000 (500)	WM HDPE	NO	NONE	YES
COND/ALK	12/1		500 (200)	WM HDPE	NO	NONE	YES
TDS/TOTS	2010		500 (300)	WM HDPE	NO	NONE	YES
NH <sub>3</sub> /NO <sub>3</sub>	12:25		250 (100)	WM HDPE	NO	NONE	YES
CL/SO <sub>4</sub>			125 (100)	NM HDPE	NO	NONE	YES
TOC			2.40 (30)	AMBER GLASS	NO	H <sub>2</sub> PO <sub>4</sub>	YES
METALS, t			500 (200)	Acid Washed HDPE	NO	NONE	YES
METALS, d			500 (50)	Acid Washed HDPE	YES	NONE	YES
VOA			4.40 (2.40)	GLASS	NO	HCl	YES

PLEASE REMEMBER TO FILTER THE DISS METALS AND MAKE SURE THE TOTAL AND DISSOLVED METALS GO INTO THE CORRECT BOTTLES.

FIELD WATER QUALITY PARAMETERS

TURB STD USED: 5.36  
METER READING: 4.82

INSTR. #	1562	3140044	3140044	SWD	1	
SAMPLE	SPEC COND (umhos/cm)	pH VALUE	TEMPERATURE (°C)	DISSOLVED OXYGEN (mg/L)	TURBIDITY NTU	TIME
1	915	6.68	12.0	NM	24.6	1220

NOTES:  
INSTRUMENTS CALIBRATED PRIOR TO USE? YES  NO   
3 VTRPs TURNED IN? YES  NO  VTRP100812R DATE: 8/12/10  
BUFFERS: (4, 7) 10  
BUBBLES? YES  NO  BUBBLE DIAMETERS: N/A  
NO QC BOTTLES

CUSTODY RECORD:

PERSONNEL: SBILR  
SIGNATURE: [Signature]  
DATE/TIME: 8/12/10 12:55  
TOTAL NUMBER OF BOTTLES THIS SET: 13 ✓ +3 VTRP

KING COUNTY  
SOLID WASTE DIVISION

VASW-1 (43)

VASHON-1 SURFACE WATER FIELD RECORD Sampler SB

FIELD SAMPLING DATA (used for Seeps SW-S2, SW-S4, SW-S5, SW-S6)

Station: SW-S2  
Date/Time: 11/02/2010 1000  
Weather: 100°F, Overcast  
Location: S of SW-S1 & SW-W1 and East of SW-W2 at focused seepage area

SAMPLING DATA

SAMPLE ID # SVS2101102-

SAMPLE TYPE	DATE TIME	METHOD	VOLUME (mL)	CONTAINER TYPER	FIELD FILTERED (YES/NO)	PRESERVATIVE	ICED
TSS	11/2/10	Peristaltic pump with cleaned tubing	1000 (500)	WM HDPE	NO	NONE	YES
COND/ALK	02/1		500 (200)	WM HDPE	NO	NONE	YES
TDS/TOTS	2010		500 (300)	WM HDPE	NO	NONE	YES
NH <sub>3</sub> /NO <sub>3</sub>	10:10		250 (100)	WM HDPE	NO	NONE	YES
CL/SO <sub>4</sub>			125 (100)	NM HDPE	NO	NONE	YES
TOC			2.40 (30)	AMBER GLASS	NO	H <sub>2</sub> PO <sub>4</sub>	YES
METALS, t			500 (200)	Acid Washed HDPE	NO	NONE	YES
METALS, d			500 (50)	Acid Washed HDPE	YES	NONE	YES
VOA			4.40 (2.40)	GLASS	NO	HCl	YES

PLEASE REMEMBER TO FILTER THE DISS METALS AND MAKE SURE THE TOTAL AND DISSOLVED METALS GO INTO THE CORRECT BOTTLES.

FIELD WATER QUALITY PARAMETERS

TURB STD USED: 5.36  
METER READING: 5.56

INSTR. #	1562	3140044	3140044	SWD	1	
SAMPLE	SPEC COND (umhos/cm)	pH VALUE	TEMPERATURE (°C)	DISSOLVED OXYGEN (mg/L)	TURBIDITY NTU	TIME
1	761	6.49	11.8	1.48	27.5	1005

NOTES:  
INSTRUMENTS CALIBRATED PRIOR TO USE? YES  NO   
3 VTRPs TURNED IN? YES  NO  VTRP11002R DATE: 11/02/10  
BUFFERS: (4, 7) 10  
BUBBLES? YES  NO  BUBBLE DIAMETERS:  
NO QC BOTTLES

CUSTODY RECORD:

PERSONNEL: [Signature]  
SIGNATURE: [Signature]  
DATE/TIME: 11/02/10 11:08  
TOTAL NUMBER OF BOTTLES THIS SET: 13 ✓ +3

# VASW-1 (43)

KING COUNTY  
SOLID WASTE DIVISION

KC VASHON LF  
ID SV24S070509  
DATE 05/09/07  
TIME 1450  
SAMPLER SB

**COPY**

## VASHON-1 SURFACE WATER SAMPLING FIELD RECORD

one-time special event for seep

### FIELD SAMPLING DATA

Station: 24S  
Date/Time: 05/09/07 1440  
Weather: clear, warm  
Location Description: south of SS-2  
focused seepage area

SAMPLE ID # SV24S07 05 09 -

SAMPLE TYPE	DATE TIME	METHOD	VOLUME (mL)	CONTAINER TYPE	FIELD FILTERED (YES,NO)	PRES.	ICED YES/NO
TSS/TS	<u>05/1</u>	Peristaltic Pump w/ clean tubing	1000	blue HDPE	NO	NONE	YES
METALS, D	<u>09/1</u>		500	Red HDPE	YES	HNO <sub>3</sub>	YES
PHYS	2007		1000	blue HDPE	NO	NONE	YES
TOC			2.40	gray GLASS	NO	H <sub>3</sub> PO <sub>4</sub>	YES
COD/NH3	<u>14:50</u>		500	yellow HDPE	NO	H <sub>2</sub> SO <sub>4</sub>	YES
VOA			6@40	green GLASS	NO	HCl	YES

### FIELD WATER QUALITY PARAMETERS

INSTRUMENT NO.	4	1	1	1	2	3	
SAMPLE	SPECIFIC COND (umhos/cm)	pH VALUE	REDOX mV	TEMP (°C)	DISSOLVED OXYGEN (mg/L)	TURBIDITY NTU	TIME
	<u>858</u>	<u>6.87</u>	<u>+6.4</u>	<u>12.5</u>	<u>4.69</u>	<u>6.59</u>	<u>1458</u>

#### NOTES:

INSTRUMENTS CALIBRATED PRIOR TO USE? YES  NO  TIME: 0730

#1) pH meter (pH, Redox, Temp) SN# 14768 #3) Turbidimeter # 1  
standards used 4,7 readings 4.7, 0.2 standard used 5.24 reading 5.24

#2) Dissolved Oxygen Meter SN# 4600 #4) Conductivity Meter SN# 1562

3 VOA TRIP BLANKS TURNED IN WITH THIS SAMPLE? YES  NO

VTRP VTRP BUBBLES? YES  NO  BUBBLES: DATE: 05/09/07

MS/MD BOTTLES TURNED IN? YES  NO

SAMPLE IS TAKEN AT SURFACE WATER/ GROUNDWATER INTERFACE.

#### CUSTODY RECORD:

PERSONNEL Sewin Bilir SIGNATURE [Signature]

TOTAL NUMBER OF BOTTLES THIS SET 12

# VASW-1 (43)

KING COUNTY  
SOLID WASTE DIVISION

KCSW VASHON LF  
ID SV24S070815  
DATE 08/15/07  
TIME 1600  
Sampler SB

## VASHON-1 SURFACE WATER SAMPLING FIELD RECORD

used for Seeps SW-S1, SW-S2, SW-S3, SW-S4, SW-S5, SW-S6 & 24S

### FIELD SAMPLING DATA

Station: 24S  
Date/Time: 08/15/2007  
Weather: cool, clear  
Location Description: south of SW-S2  
focused seepage area

SAMPLE ID # SV24S0708 15 -

SAMPLE TYPE	DATE TIME	METHOD	VOLUME (mL)	CONTAINER TYPE	FIELD FILTERED (YES,NO)	PRES.	ICED YES/NO
TSS/TS	<u>08/</u>	Peristaltic Pump w/ clean tubing	1000	blue HDPE	NO	NONE	YES
METALS, D	<u>15/1</u>		500	Red HDPE	YES	HNO <sub>3</sub>	YES
PHYS	2007		1000	blue HDPE	NO	NONE	YES
TOC			2.40	gray GLASS	NO	H <sub>3</sub> PO <sub>4</sub>	YES
COD/NH3	<u>10:00</u>		500	yellow HDPE	NO	H <sub>2</sub> SO <sub>4</sub>	YES
VOA			6@40	green GLASS	NO	HCl	YES

### FIELD WATER QUALITY PARAMETERS

INSTRUMENT NO.	4	1	1	1	2	3	
SAMPLE	SPECIFIC COND (umhos/cm)	pH VALUE	REDOX mV	TEMP (°C)	DISSOLVED OXYGEN (mg/L)	TURBIDITY NTU	TIME
	<u>755</u>	<u>6.87</u>	<u>8.1</u>	<u>11.5</u>	<u>19.5</u>	<u>22.7</u>	<u>0955</u>

#### NOTES:

INSTRUMENTS CALIBRATED PRIOR TO USE? YES  NO  TIME: 0830

#1) pH meter (pH, Redox, Temp) SN# 14768 #3) Turbidimeter # 1  
standards used 4 & 7 readings 4.0, 7.0 standard used 52.4 reading 54.1

#2) Dissolved Oxygen Meter SN# 4600 #4) Conductivity Meter SN# 1562 1413/1414

3 VOA TRIP BLANKS TURNED IN WITH THIS SAMPLE? YES  NO

VTRP VTRP BUBBLES? YES  NO  BUBBLES: DATE: 08/15/07

MS/MD BOTTLES TURNED IN? YES  NO

SAMPLE IS TAKEN AT SURFACE WATER/ GROUNDWATER INTERFACE.

#### CUSTODY RECORD:

PERSONNEL S Bilir SIGNATURE [Signature]

TOTAL NUMBER OF BOTTLES THIS SET 12

# VASW-1 (43)

KING COUNTY  
SOLID WASTE DIVISION

## VASHON-1 SURFACE WATER SAMPLING FIELD RECORD

used for Seep 24S

KCSW VASHON LF  
ID SV24S071031-  
DATE 10/31/07  
1055  
Sampler SB

### FIELD SAMPLING DATA

Station: 24S  
Date/Time: 10/31/07  
Weather: cool, overcast  
Location Description: south of SW-S2  
focused seepage area

SAMPLE ID # SV24S0710 31

SAMPLE TYPE	DATE TIME	METHOD	VOLUME (mL)	CONTAINER TYPE	FIELD FILTERED (YES, NO)	PRES.	ICED YES/ NO
TSS/TS	10/31	Peristaltic Pump w/ clean tubing	1000	blue HDPE	NO	NONE	YES
METALS, D	31/		500	Red HDPE	YES	HNO <sub>3</sub>	YES
PHYS	2007		1000	blue HDPE	NO	NONE	YES
TOC			2,40	gray GLASS	NO	H <sub>3</sub> PO <sub>4</sub>	YES
COD/NH3	10:55		500	yellow HDPE	NO	H <sub>2</sub> SO <sub>4</sub>	YES
VOA			6@40	green GLASS	NO	HCl	YES

### FIELD WATER QUALITY PARAMETERS

INSTRUMENT NO.	4	1	1	1	2	3	TIME
	SPECIFIC COND (µmhos/cm)	pH VALUE	REDOX mV	TEMP (°C)	DISSOLVED OXYGEN (mg/L)	TURBIDITY NTU	
	652	6.83	+9.6	9.6	4.02	5.2	1045

#### NOTES:

INSTRUMENTS CALIBRATED PRIOR TO USE? YES  NO  TIME: 0900

#1) pH meter (pH, Redox, Temp) SN# 14768 standards used 4 & 7 readings 4/7.13

#2) Dissolved Oxygen Meter SN# 4600 standard used 52.4 reading 56.8

#3) Turbidimeter # 1 standard used 52.4 reading 56.8

#4) Conductivity Meter SN# 1562 1413/1431

3 VOA TRIP BLANKS TURNED IN WITH THIS SAMPLE? YES  NO

VTRP \_\_\_\_\_ VTRP BUBBLES? YES  NO  BUBBLES: \_\_\_\_\_ DATE: \_\_\_\_\_

MS/MD BOTTLES TURNED IN? YES  NO

SAMPLE IS TAKEN AT SURFACE WATER/ GROUNDWATER INTERFACE.

#### CUSTODY RECORD:

PERSONNEL

SIGNATURE

*[Signature]*

TOTAL NUMBER OF BOTTLES THIS SET

12

# VASW-1 (43)

KING COUNTY  
SOLID WASTE DIVISION

## VASHON-1 SURFACE WATER SAMPLING FIELD RECORD

used for Seep 24S

KCSW VASHON LF  
ID SV24S071219-  
DATE 12/19/2007  
16  
Sampler SB

### FIELD SAMPLING DATA

Station: 24S  
Date/Time: 12/19/2007 1045  
Weather: 40% overcast  
Location Description: south of SW-S2  
focused seepage area

SAMPLE ID # SVS24S071219

SAMPLE TYPE	DATE TIME	METHOD	VOLUME (mL)	CONTAINER TYPE	FIELD FILTERED (YES, NO)	PRES.	ICED YES/ NO
TSS/TS	12/19	Peristaltic Pump w/ clean tubing	1000	blue HDPE	NO	NONE	YES
METALS, D	19/		500	Red HDPE	YES	HNO <sub>3</sub>	YES
PHYS	2007		1000	blue HDPE	NO	NONE	YES
TOC			2,40	gray GLASS	NO	H <sub>3</sub> PO <sub>4</sub>	YES
COD/NH3	10:45		500	yellow HDPE	NO	H <sub>2</sub> SO <sub>4</sub>	YES
VOA			6@40	green GLASS	NO	HCl	YES

### FIELD WATER QUALITY PARAMETERS

INSTRUMENT NO.	4	1	1	1	2	3	TIME
	SPECIFIC COND (µmhos/cm)	pH VALUE	REDOX mV	TEMP (°C)	DISSOLVED OXYGEN (mg/L)	TURBIDITY NTU	
	685	X	X	9.5	X	89.3	1040

#### NOTES:

INSTRUMENTS CALIBRATED PRIOR TO USE? YES  NO  TIME: 0930

#1) pH meter (pH, Redox, Temp) SN# 14768 standards used 4 & 7 readings X

#2) Dissolved Oxygen Meter SN# 4600 standard used 52.4 reading 60.3

#3) Turbidimeter # 1 standard used 52.4 reading 60.3

#4) Conductivity Meter SN# 1562 1413/1417

3 VOA TRIP BLANKS TURNED IN WITH THIS SAMPLE? YES  NO

VTRP \_\_\_\_\_ VTRP BUBBLES? YES  NO  BUBBLES: \_\_\_\_\_ DATE: \_\_\_\_\_

MS/MD BOTTLES TURNED IN? YES  NO

SAMPLE IS TAKEN AT SURFACE WATER/ GROUNDWATER INTERFACE.

#### CUSTODY RECORD:

PERSONNEL

SIGNATURE

*[Signature]*

*[Signature]*

TOTAL NUMBER OF BOTTLES THIS SET

12



# VASW-1 (43)

KING COUNTY  
SOLID WASTE DIVISION

## VASHON-1 SURFACE WATER SAMPLING FIELD RECORD

used for Seep 24S

### FIELD SAMPLING DATA

Station: 24S  
Date/Time: 3/ 11/08 1015  
Weather: partly cloudy, cool 40's, windy, raining  
Location Description: south of SW-S2  
focused seepage area

**COPY**

KCSWD VASHON LF  
ID SVS24S0803 // R  
Date 03/ 11 /2008  
Sampler SB

KCSWD VASHON LF  
ID VTRP0803 // R  
Date 03/ 11 /2008  
Sampler SB

SAMPLE ID # SVS24S0803 11 -

SAMPLE TYPE	DATE TIME	METHOD	VOLUME (mL)	CONTAINER TYPE	FIELD FILTERED (YES,NO)	PRES.	ICED YES/NO
TSS/TS	3/	Peristaltic Pump w/ clean tubing	1000	blue HDPE	NO	NONE	YES
METALS, D	11/		500	Red HDPE	YES	HNO <sub>3</sub>	YES
PHYS	2008		1000	blue HDPE	NO	NONE	YES
TOC			2,40	gray GLASS	NO	H <sub>3</sub> PO <sub>4</sub>	YES
COD/NH3	10:20		500	yellow HDPE	NO	H <sub>2</sub> SO <sub>4</sub>	YES
VOA			6@40	green GLASS	NO	HCl	YES

### FIELD WATER QUALITY PARAMETERS

INSTRUMENT NO.	4	1	1	1	2	3	
	SPECIFIC COND (µmhos/cm)	pH VALUE	REDOX mV	TEMP (°C)	DISSOLVED OXYGEN (mg/L)	TURBIDITY NTU	TIME
	760	7.06	-7.5	8.8	3.74	23.6	1015

NOTES:  
INSTRUMENTS CALIBRATED PRIOR TO USE? YES  NO  TIME: 0830  
#1) pH meter (pH, Redox, Temp) SN# 3140044 #3) Turbidimeter # 1  
standards used 4 & 7 readings 5.7 mV at 7.25 standard used 52.4 reading 55.1  
#2) Dissolved Oxygen Meter SN# 4600 101.7 #4) Conductivity Meter SN# 1562 1413/1411  
3 VOA TRIP BLANKS TURNED IN WITH THIS SAMPLE? YES  NO   
VTRP 080311R VTRP BUBBLES? YES  NO  BUBBLES: DATE: 03/06/08  
MS/MD BOTTLES TURNED IN? YES  NO

SAMPLE IS TAKEN AT SURFACE WATER/ GROUNDWATER INTERFACE.

### CUSTODY RECORD:

PERSONNEL: BILIR SIGNATURE: [Signature]  
TOTAL NUMBER OF BOTTLES THIS SET: 12

# VASW-1 (43)

KING COUNTY  
SOLID WASTE DIVISION

## VASHON-1 SURFACE WATER SAMPLING FIELD RECORD

used for Seep 24S

### FIELD SAMPLING DATA

Station: 24S  
Date/Time: 7/ 10 /2008 1115  
Weather: COOL, 60'S, Clear  
Location Description: south of SW-S2  
focused seepage area

**COPY**

SAMPLE ID #

SAMPLE TYPE	DATE TIME	METHOD	VOLUME (mL)	CONTAINER TYPE	FIELD FILTERED (YES,NO)	PRES.	ICED YES/NO
TSS/TS	7/	Peristaltic clean tubing	1000	blue HDPE	NO	NONE	YES
METALS, D	11/		500	Red HDPE	YES	HNO <sub>3</sub>	YES
PHYS	2008		1000	blue HDPE	NO	NONE	YES
TOC			2,40	gray GLASS	NO	H <sub>3</sub> PO <sub>4</sub>	YES
COD/NH3			500	yellow HDPE	NO	H <sub>2</sub> SO <sub>4</sub>	YES
VOA			6@40	green GLASS	NO	HCl	YES

### FIELD WATER QUALITY PARAMETERS

INSTRUMENT NO.	4	1	1	1	2	3	
	SPECIFIC COND (µmhos/cm)	pH VALUE	REDOX mV	TEMP (°C)	DISSOLVED OXYGEN (mg/L)	TURBIDITY NTU	TIME
	770	6.95	-2.4	11.8	4.33	23.8	1115

NOTES:  
INSTRUMENTS CALIBRATED PRIOR TO USE? YES  NO  TIME: 0900  
#1) pH meter (pH, Redox, Temp) SN# 03140044 #3) Turbidimeter # 1  
standards used 4 & 7 readings -55.9/-5 standard used 5.36 reading 5.88  
#2) Dissolved Oxygen Meter SN# 4600 10.7 #4) Conductivity Meter SN# 1562 1413/1416  
3 VOA TRIP BLANKS TURNED IN WITH THIS SAMPLE? YES  NO  N/A  
VTRP \_\_\_\_\_ VTRP BUBBLES? YES  NO  BUBBLES: DATE: \_\_\_\_\_  
MS/MD BOTTLES TURNED IN? YES  NO  N/A

SAMPLE IS TAKEN AT SURFACE WATER/ GROUNDWATER INTERFACE.

### CUSTODY RECORD:

PERSONNEL: S. Bilir SIGNATURE: [Signature]  
TOTAL NUMBER OF BOTTLES THIS SET: X



# VASW-1 (43)

KING COUNTY  
SOLID WASTE DIVISION

Place label here

## VASHON-1 SURFACE WATER SAMPLING FIELD RECORD

used for Seeps SW-S1, SW-S2, SW-S3, SW-S4, SW-S5, SW-S6, SW-24S

### FIELD SAMPLING DATA

Station: **24S**  
 Date/Time: **10 / 07 / 2008 1000**  
 Weather: **ptly cloudy, windy, 50° F's**  
 Location Description: **south of SW-S2**  
**focused seepage area**

COPY

SAMPLE ID # **N/A**

SAMPLE TYPE	DATE TIME	METHOD	VOLUME (mL)	CONTAINER TYPE	FIELD TERED	ICED YES/NO
TSS/TS	10/	Peristaltic Pump w/ clean tubing	1000	blue HDPE	NO	YES
METALS, D	/		500	Red HDPE	NO	YES
PHYS	2000		1000	blue HDPE	NO	YES
TOC			240	gray GLASS	NO	YES
COND			500	yellow HDPE	NO	YES
VOA			6@40	green GLASS	NO	YES

### FIELD WATER QUALITY PARAMETERS

INSTRUMENT NO.	4	1	1	1	2	3	
METHOD	SPECIFIC COND (umhos/cm)	pH VALUE	REDOX mV	TEMP (°C)	DISSOLVED OXYGEN (mg/L)	TURBIDITY NTU	TIME
Peristaltic Pump w/ clean tubing	714	6.77	5.6	10.8	4.34	25.0	1005

### NOTES:

INSTRUMENTS CALIBRATED PRIOR TO USE? YES  NO  TIME: **0935**

#1) pH meter (pH, Redox, Temp) SN# 03140044 standards used 4 & 7 readings **4.01/9**

#2) Dissolved Oxygen Meter SN# 4600 readings **10.7**

#3) Turbidimeter # 1 standard used 52.4 reading **56.9**

#4) Conductivity Meter SN# 1562 1413/ H23 readings **10.99**

3 VOA TRIP BLANKS TURNED IN WITH THIS SAMPLE? YES  NO

VTRP VTRP BUBBLES? YES  NO  BUBBLES: DATE:

MS/MD BOTTLES TURNED IN? YES  NO

EQUIPMENT BLANK TURNED IN WITH THIS SAMPLE? YES  NO

SAMPLE IS TAKEN AT SURFACE WATER/GROUNDWATER INTERFACE.

### CUSTODY RECORD:

PERSONNEL: **S. Bilir** SIGNATURE: **[Signature]** DATE/TIME: **10/07/08 1010**

TOTAL NUMBER OF BOTTLES THIS SET: **12 N/A**

# VASW-1 (43)

KING COUNTY  
SOLID WASTE DIVISION

Place label here

## VASHON-1 SURFACE WATER SAMPLING FIELD RECORD

used for Seeps SW-S1, SW-S2, SW-S3, SW-S4, SW-S5, SW-S6, SW-24S

### FIELD SAMPLING DATA

Station: **24S**  
 Date/Time: **01 / 07 / 2009 1100**  
 Weather: **rainy, 50's, overcast**  
 Location Description: **south of SW-S2**  
**focused seepage area**

COPY

SAMPLE ID #

SAMPLE TYPE	DATE TIME	METHOD	VOLUME (mL)	CONTAINER TYPE	FIELD TERED	ICED YES/NO
TSS/TS		Peristaltic Pump w/ clean tubing	1000	blue HDPE	NO	YES
METALS, D			500	Red HDPE	YES	YES
PHYS			1000	blue HDPE	NO	YES
TOC			240	gray GLASS	NO	YES
COND			500	yellow HDPE	NO	YES
VOA			6@40	green GLASS	NO	YES

### FIELD WATER QUALITY PARAMETERS

INSTRUMENT NO.	4	1	1	1	2	3	
METHOD	SPECIFIC COND (umhos/cm)	pH VALUE	REDOX mV	TEMP (°C)	DISSOLVED OXYGEN (mg/L)	TURBIDITY NTU	TIME
Peristaltic Pump w/ clean tubing	649	6.87	1.2	10.8	4.51	85.3	1110

### NOTES:

INSTRUMENTS CALIBRATED PRIOR TO USE? YES  NO  TIME: **1000**

#1) pH meter (pH, Redox, Temp) SN# 03140044 standards used 4 & 7 readings **-21.9**

#2) Dissolved Oxygen Meter SN# 4600 readings **10.7**

#3) Turbidimeter # 1 standard used 52.4 reading **54.8**

#4) Conductivity Meter SN# 1562 1413/ H23 readings **14.53**

3 VOA TRIP BLANKS TURNED IN WITH THIS SAMPLE? YES  NO

VTRP VTRP BUBBLES? YES  NO  BUBBLES: DATE:

MS/MD BOTTLES TURNED IN? YES  NO

EQUIPMENT BLANK TURNED IN WITH THIS SAMPLE? YES  NO

SAMPLE IS TAKEN AT SURFACE WATER/GROUNDWATER INTERFACE.

### CUSTODY RECORD:

PERSONNEL: **S. Bilir** SIGNATURE: **[Signature]** DATE/TIME: **01/07/09 1110**

TOTAL NUMBER OF BOTTLES THIS SET: **12 N/A**

# VASW-1 (43)

KING COUNTY  
SOLID WASTE DIVISION

Place label here

## VASHON-1 SURFACE WATER SAMPLING FIELD RECORD

used for Seeps SW-S1, SW-S2, SW-S3, SW-S4, SW-S5, SW-S6, SW-24S

### FIELD SAMPLING DATA

Station: 24S  
 Date/Time: 03 / 25 / 2009 1125  
 Weather: Cloud overcast, rainy  
 Location Description: south of SW-S2  
focused seepage area

### SAMPLE ID #

SAMPLE TYPE	DATE TIME	METHOD	VOLUME (mL)	CONTAINER TYPE	FIELD FILTERED (YES/NO)	ICED YES/NO
TSS/TS			100	bl		YES
METALS, D				RL		YES
PHY				bl		NO
TOC			200	gray GLASS		YES
CO <sub>2</sub>			500	yellow HDPE		YES
VOA			6@40	green GLASS		YES

### FIELD WATER QUALITY PARAMETERS

METHOD	SPECIFIC COND (umhos/cm)	pH VALUE	REDOX mV	TEMP (°C)	DISSOLVED OXYGEN (mg/L)	TURBIDITY NTU	TIME
Peristaltic Pump w/ clean tubing	563	6.94	-1.6	9.1	5.69	64.6	1125

### NOTES:

INSTRUMENTS CALIBRATED PRIOR TO USE? YES  NO  TIME: 1030  
 #1) pH meter (pH, Redox, Temp) SN# 03140044 #3) Turbidimeter # 1  
 standards used 4 & 7 readings -55.6 / -6 standard used 52.4 reading 55.7  
 #2) Dissolved Oxygen Meter SN# 4600 10.7 #4) Conductivity Meter SN# 1562 1413/1433

3 VOA TRIP BLANKS TURNED IN WITH THIS SAMPLE? YES  NO   
 VTRP \_\_\_\_\_ VTRP BUBBLES? YES  NO  DATE: \_\_\_\_\_

MS/MD BOTTLES TURNED IN? YES  NO  ID: \_\_\_\_\_  
 EQUIPMENT BLANK TURNED IN WITH SAMPLE? YES  NO

SAMPLE TAKEN AT SURFACE WATER / GROUNDWATER INTERFACE.

### CUSTODY RECORD:

PERSONNEL: S. Bilir SIGNATURE: [Signature] DATE/TIME: 3/25 1130  
 TOTAL NUMBER OF BOTTLES THIS SET: N/A 2009

KING COUNTY  
SOLID WASTE DIVISION

# VASW-1 (43)

Place label here

## VASHON-1 SURFACE WATER FIELD RECORD

used for Seeps SW-S1, SW-24S, SW-S3

### FIELD SAMPLING DATA

Station: SW-24S  
 Date/Time: 07 / 14 / 2009 1055  
 Weather: Overcast, ~65°F  
 Location: south of SW-S2  
focused seepage area

### SAMPLE ID #

SAMPLE TYPE	DATE TIME	METHOD	VOLUME (mL)	CONTAINER TYPE	FIELD FILTERED (YES/NO)	ICED YES/NO
TSS			1000	WM HD		YES
COND/pH/ALK			50			YES
TDS/TOTS			50			YES
NH <sub>3</sub> /NO <sub>3</sub>						YES
CL/SO <sub>4</sub>				AM HDPE		YES
TOC				AMBER GLASS		YES
METALS, VOA			500	Acid Washed HDPE GLASS		YES
			4, 40			YES

### FIELD WATER QUALITY PARAMETERS

SAMPLE	SPEC COND (umhos/cm)	pH VALUE	REDOX mV	TEMPERATURE (°C)	DISSOLVED OXYGEN (mg/L)	TURBIDITY NTU	TIME
Peristaltic pump w/ cleaned tubing	645	7.01	-4.4	12.5	5.64	13.7	1057

### NOTES:

INSTRUMENTS CALIBRATED PRIOR TO USE? YES  NO  BUFFERS: (4, 7) 10  
 3 VTRPs TURNED IN? YES  NO  ID: \_\_\_\_\_  
 BUBBLES? YES  NO  BUBBLE DIAMETER \_\_\_\_\_  
 EQUIPMENT BLANK TURNED IN WITH SAMPLE? YES  NO

### CUSTODY RECORD:

PERSONNEL: S. Bilir SIGNATURE: [Signature] DATE/TIME: 07 / 14 / 09  
 TOTAL NUMBER OF BOTTLES THIS SET: N/A 11:00

VASW-1 (43)

VASHON-1 SURFACE WATER FIELD RECORD

used for Seeps SW-S1, SW-24S, SW-S3

FIELD SAMPLING DATA

Station: SW-24S  
Date/Time: 10 / 27 / 2009 1020  
Weather: overcast 40's  
Location: south of SW-S2  
focused seepage area

SAMPLE ID # n/a

SAMPLE TYPE	DATE TIME	METHOD	VOLUME (mL)	CONTAINER TYPE	FIELD FILTERED (YES/NO)	PRESERVATIVE	ICED YES/NO
TSS	10/		1000	WM HDPE	NO	NONE	YES
COND/pH/ALK	/		500	WM HDPE	NO	NONE	YES
TDS/TOTS	2009		500	WM HDPE	NO	NONE	YES
NH <sub>3</sub> /NO <sub>3</sub>			1.5	WM HDPE	NO	NONE	YES
CL/SO <sub>4</sub>			1.5	WM HDPE	NO	NONE	YES
TOC			1.5	AMBER GLASS	NO	H <sub>3</sub> PO <sub>4</sub>	YES
METALS, t			500	Acid Washed HDPE	YES	NONE	YES
METALS, d			500	GLASS	NO	HCl	YES
VOA			4,40	GLASS	NO	HCl	YES

No sample collected

LABEL THE DISSOLVED METALS BOTTLE "FIELD FILTERED"

FIELD WATER QUALITY PARAMETERS

INSTR. #	1562	3140044	3140044	3140044	4600	TURB STD USED	METER READING
SAMPLE	COND (umhos/cm)	pH VALUE	REDOX mV	TEMPERATURE (°C)	DISSOLVED OXYGEN (mg/L)	TURBIDITY NTU	TIME
Peristaltic pump w/ cleaned tubing	709	6.82	2.8	10.1	1.13	5.36	6.02

SAMPLE IS TAKEN AT SURFACE WATER / GROUNDWATER INTERFACE.

NOTES:

INSTRUMENTS CALIBRATED PRIOR TO USE? YES  NO  BUFFERS: (4, 7, 10)

3 VTRPs TURNED IN? YES  NO  ID: VTRP0910 DATE: 10/27/09

BUBBLES? YES  NO  BUBBLE DIAMETER: N/A

EQUIPMENT BLANK TURNED IN WITH THIS SAMPLE? YES  NO  ID: N/A

NO QC BOTTLES

CUSTODY RECORD:

PERSONNEL: Sevin Bilir SIGNATURE: [Signature] DATE/TIME: 10/27/09

TOTAL NUMBER OF BOTTLES THIS SET: N/A DATE/TIME: 10:25

VASW-1 (43)

VASHON-1 SURFACE WATER FIELD RECORD

FIELD SAMPLING DATA

Station: SW-24S  
Date/Time: 01/28/10 1340  
Weather: overcast  
Location: w/thislope seep

SAMPLING DATA

SAMPLE TYPE	DATE TIME	METHOD	VOLUME (mL)	CONTAINER TYPE	FIELD FILTERED (YES/NO)	PRESERVATIVE	ICED YES/NO
TSS	/	GRAB	1000	WM HDPE	NO	NONE	YES
COND/ALK	/	GRAB	500	WM HDPE	NO	NONE	YES
TDS/TOTS	2010	GRAB	500	WM HDPE	NO	NONE	YES
NH <sub>3</sub> /NO <sub>3</sub>		GRAB	250	WM HDPE	NO	NONE	YES
CL/SO <sub>4</sub>	a.m.	GRAB	125	WM HDPE	NO	NONE	YES
TOC		GRAB	2,40	AMBER GLASS	NO	H <sub>3</sub> PO <sub>4</sub>	YES
METALS, t		GRAB	500	Acid Washed HDPE	NO	NONE	YES
METALS, d		GRAB	500	Acid Washed HDPE	YES	NONE	YES
VOA		GRAB	4,40	GLASS	NO	HCl	YES

PLEASE REMEMBER TO FILTER THE DISS METALS AND MAKE SURE THE TOTAL AND DISSOLVED METALS GO INTO THE CORRECT BOTTLES.

FIELD WATER QUALITY PARAMETERS

INSTR. #	1562	3140044	1562	3140044	4600	TURB STD USED	METER READING
SAMPLE	COND (umhos/cm)	pH VALUE	TEMPERATURE (°C)	DISSOLVED OXYGEN (mg/L)	TURBIDITY NTU	TIME	
Peristaltic pump w/ cleaned tubing	622	6.73	10.1	7.88	1.94	52.4	57.5

NOTES:

INSTRUMENTS CALIBRATED PRIOR TO USE? YES  NO  BUFFERS: (4, 7, 10)

3 VTRPs TURNED IN? YES  NO  ID: VTRP09 DATE: 01/28/10

BUBBLES? YES  NO  BUBBLE DIAMETERS: N/A

NO QC BOTTLES

CUSTODY RECORD:

PERSONNEL: Bilir SIGNATURE: [Signature] DATE/TIME: 01/28/10 13:55



# VASW-1 (43)

# VASW-1 (43)

## VASHON-1 SURFACE WATER FIELD RECORD

## VASHON-1 SURFACE WATER FIELD RECORD

used for Seeps SW-S1, SW-24S, SW-S3

FIELD SAMPLING DATA (used for Seeps SW-S1, SW-24S, SW-S3)

### FIELD SAMPLING DATA

Station: SW-24S  
Date/Time: 04/15/2010 1105  
Weather: rain, overcast, 90°F's  
Location: south of SW-S2  
focused seepage area

Station: SW-24S  
Date/Time: 08/12/2010 1230  
Weather: clear 70's  
Location: south of SW-S2  
focused seepage area

SAMPLE ID #	DATE	TIME	METHOD	VOLUME (mL)	CONTAINER TYPE	FIELD USE	REP	USE

*No sample collected*

SAMPLE ID #	DATE	TIME	METHOD	VOLUME (mL)	CONTAINER TYPE	FIELD USE	REP	USE
TSS			GRAB	1000	WM-HDPE			
COND/ALK			GRAB	500	WM-HDPE			
TDS/TOTS	2010		GRAB	500	WM-HDPE			
NH <sub>3</sub> /NO <sub>2</sub>			GRAB		WM-HDPE			
CL/SO <sub>4</sub>			GRAB		WM-HDPE			
TOC					AMBER GLASS	NO	H <sub>2</sub> PO <sub>4</sub>	YES
METAL					Washed HDPE	NO	NONE	YES
METAL					Acid Washed HDPE	YES	NONE	YES
VOA					GLASS	NO	HCl	YES

*No sample collected*

### FIELD WATER QUALITY PARAMETERS

INSTR. #	1562	3140044	3140044	3140044	4352	TURBIDITY USED	52.4
METER READING						METER READING	50.5
SAMPLE	(µmhos/cm)	PH VALUE	TEMPERATURE (°C)	DISSOLVED OXYGEN (mg/L)	TURBIDITY NTU	TIME	
	620	6.93	10.9	36.9?	19.3	1108	

Peristaltic pump w/ cleaned tubing

*No sample collected*

### FIELD WATER QUALITY PARAMETERS

INSTR. #	1562	3140044	3140044	SWD	1	TURBIDITY USED	5.36
METER READING						METER READING	4.02
SAMPLE	(µmhos/cm)	PH VALUE	TEMPERATURE (°C)	DISSOLVED OXYGEN (mg/L)	TURBIDITY NTU	TIME	
1	823	6.77	11.7	NM	15.8	1232	

### NOTES:

INSTRUMENTS CALIBRATED PRIOR TO USE? YES  NO  BUFFERS: 4, 7, 10

3 VTRPS TURNED IN? YES  NO  VTRP09

BUBBLES? YES  NO  BUBBLE DIAMETERS:

NO LOG BOTTLES

*No sample collected*

NOTES:

INSTRUMENTS CALIBRATED PRIOR TO USE? YES  NO  BUFFERS: 4, 7, 10

3 VTRPS TURNED IN? YES  NO  VTRP09

BUBBLES? YES  NO  BUBBLE DIAMETERS:

NO LOG BOTTLES

*No sample collected*

PERSONNEL: Sevin Bilir  
SIGNATURE: *SB*  
DATE/TIME: 04/15/10

PERSONNEL: *SB*  
SIGNATURE: *SB*  
DATE/TIME: 8/12/10 12:40

TOTAL NUMBER OF BOTTLES THIS SET: 0

TOTAL NUMBER OF BOTTLES THIS SET: 0



KING COUNTY  
SOLID WASTE DIVISION

# VASW-1 (43)

## VASHON-1 SURFACE WATER FIELD RECORD

FIELD SAMPLING DATA (Used for Seeps SW-S1, SW-24S, SW-S3)

Station: SW-24S  
 Date/Time: 11/02/2010 1020  
 Weather: cool, partly cloudy  
 Location: south of SW-S2  
 focused seepage area

SAMPLING DATA

SAMPLE ID #

SAMPLE TYPE	DATE TIME	METHOD	VOLUME (mL)	CONTAINER TYPE	FIELD FILTERED (YES/NO)	ICED YES/NO
TSS	11/2	GRAB	1000	WM HDPE	NO	NO
COND/ALK	11/2	GRAB	500	WM HDPE	NO	YES
TDS/TOTS	2010	GRAB	500	WM HDPE	NO	YES
NH <sub>3</sub> /NO <sub>2</sub>	11/2	GRAB	25	WM HDPE	NO	YES
Cl <sub>2</sub> /SO <sub>4</sub>	11/2	GRAB	25	WM HDPE	NO	YES
TOC	11/2	GRAB	25	WM HDPE	NO	YES
METAL	11/2	GRAB	500	Washed HDPE	NO	YES
METAL	11/2	GRAB	500	Acid Washed HDPE	NO	YES
VOA	11/2	GRAB	500	GLASS	NO	YES

**No sample collected**

PLEASE REMEMBER TO FILTER THE DISS METALS AND MAKE SURE THE TOTAL AND DISSOLVED METALS GO INTO THE CORRECT BOTTLES.

FIELD WATER QUALITY PARAMETERS

INSTR. # 1562 3140044 3140044 SWD  
 TURB STD USED: 5.36  
 METER READING: 5.56

SAMPLE	SPEC COND (µmhos/cm)	pH VALUE	TEMPERATURE (°C)	DISSOLVED OXYGEN (mg/L)	TURBIDITY NTU	TIME
1	6.11	6.65	11.4	2.06	63.5 (post 15 min)	1025

NOTES:  
 INSTRUMENTS CALIBRATED PRIOR TO USE? YES  NO   
 3 VTRPS TURNED IN? YES  NO  VTRP09  
 BUBBLES? YES  NO  BUBBLE DIAMETERS:  
 NO QC BOTTLES  
 BUFFERS 4, 7, 10  
 DATE: 11/02/10

**No sample collected**

CUSTOMER ID:  
 PERSONNEL: CS Biller  
 SIGNATURE: [Signature]  
 DATE/TIME: 11/02/10 1030

TOTAL NUMBER OF BOTTLES THIS SET: 12

KING COUNTY  
SOLID WASTE DIVISION

# VASW-1 (43)

## VASHON-1 SURFACE WATER SAMPLING FIELD RECORD

used for Seeps SS-1, SS-2, SS-3, SS-4, SS-5, and SS-6

KC VASHON LF  
 ID SVS3070511-  
 DATE 05/11/07  
 TIME 0930  
 SAMPLER SB

FIELD SAMPLING DATA

Station: SS-3  
 Date/Time: 05-11-07 0915  
 Weather: cool, partly cloudy  
 Location Description: uphill & east of SW-4 @ focused seepage area

**COPY**

SAMPLE ID # SVS3070511

SAMPLE TYPE	DATE TIME	METHOD	VOLUME (mL)	CONTAINER TYPE	FIELD FILTERED (YES/NO)	PRES.	ICED YES/NO
TSS/TS	05/11	Peristaltic Pump w/ clean tubing	1000	blue HDPE	NO	NONE	YES
METALS, D	11/1		500	Red HDPE	YES	HNO <sub>3</sub>	YES
PHYS	2007		1000	blue HDPE	NO	NONE	YES
TOC			2.40	gray GLASS	NO	H <sub>3</sub> PO <sub>4</sub>	YES
COD/NH <sub>3</sub>	07:30		500	yellow HDPE	NO	H <sub>2</sub> SO <sub>4</sub>	YES
VOA			6@40	green GLASS	NO	HCl	YES

FIELD WATER QUALITY PARAMETERS

INSTRUMENT NO.	SAMPLE	SPECIFIC COND (µmhos/cm)	pH VALUE	REDOX mV	TEMP (°C)	DISSOLVED OXYGEN (mg/L)	TURBIDITY NTU	TIME
4, 1, 1, 1, 2, 3	365	7.07	-3.4	11.0	4.33	>10	1030	

NOTES:  
 INSTRUMENTS CALIBRATED PRIOR TO USE? YES  NO  TIME: 0715  
 #1) pH meter (pH, Redox, Temp) SN# 14768 standards used 7.10.01 readings 7.02, 10.07 #3) Turbidimeter # 1 standard used 5.36 reading 5.61  
 #2) Dissolved Oxygen Meter SN# 4600 #4) Conductivity Meter SN# 1562  
 3 VOA TRIP BLANKS TURNED IN WITH THIS SAMPLE? YES  NO   
 VTRP 070511S VTRP BUBBLES? YES  NO  BUBBLES: DATE:  
 12 MS/MD BOTTLES TURNED IN? YES  NO  SVEB070511S 05/11/07 1300  
 (Equipment blank - tubing with distilled H<sub>2</sub>O)  
 SAMPLE IS TAKEN AT SURFACE WATER/ GROUNDWATER INTERFACE.

CUSTODY RECORD:

PERSONNEL: Savin Bilir  
 SIGNATURE: [Signature]  
 TOTAL NUMBER OF BOTTLES THIS SET: 12



# VASW-1 (43)

KING COUNTY  
SOLID WASTE DIVISION

VASHON-1 SURFACE WATER SAMPLING FIELD RECORD  
used for Seeps SW-S1, SW-S2, SW-S3, SW-S4, SW-S5, SW-S6 & 24S

KCSW VASHON LF  
ID SVS3070815-  
DATE 08/15/2007  
TIME 7:00  
Sampler SB

## FIELD SAMPLING DATA

Station: SW-S3  
Date/Time: 08/15/2007  
Weather: cool, clear  
Location Description: uphill & east of SW-W4 @  
focused seepage area

COPY

SAMPLE ID # SVS3070815 -

SAMPLE TYPE	DATE TIME	METHOD	VOLUME (mL)	CONTAINER TYPE	FIELD FILTERED (YES/NO)	PRES.	ICED YES/NO
TSS/TS	08/15	Peristaltic Pump w/ clean tubing	1000	blue HDPE	NO	NONE	YES
METALS, D	15/1		500	Red HDPE	YES	HNO <sub>3</sub>	YES
PHYS	2007		1000	blue HDPE	NO	NONE	YES
TOC			2.40	gray GLASS	NO	H <sub>3</sub> PO <sub>4</sub>	YES
COD/NH3	11:00		500	yellow HDPE	NO	H <sub>2</sub> SO <sub>4</sub>	YES
VOA			6@40	green GLASS	NO	HCl	YES

## FIELD WATER QUALITY PARAMETERS

INSTRUMENT NO.	4	1	1	1	2	3	
	SPECIFIC COND (umhos/cm)	pH VALUE	REDOX mV	TEMP (°C)	DISSOLVED OXYGEN (mg/L)	TURBIDITY NTU	TIME
	507	6.79	12	15	0.95	9.61	1055

### NOTES:

INSTRUMENTS CALIBRATED PRIOR TO USE? YES  NO  TIME: 0830  
 #1) pH meter (pH, Redox, Temp) SN# 14768 #3) Turbidimeter # 1  
 standards used 4 & 7 readings 4.0/7.01 standard used 52.4 reading 54.1  
 #2) Dissolved Oxygen Meter SN# 4600 #4) Conductivity Meter SN# 1562 1413/1414  
 3 VOA TRIP BLANKS TURNED IN WITH THIS SAMPLE? YES  NO   
 VTRP VTRP BUBBLES? YES  NO  BUBBLES: DATE:  
 MS/MD BOTTLES TURNED IN? YES  NO

SAMPLE IS TAKEN AT SURFACE WATER/ GROUNDWATER INTERFACE.

### CUSTODY RECORD:

PERSONNEL SBilr SIGNATURE [Signature]  
 TOTAL NUMBER OF BOTTLES THIS SET 12

# VASW-1 (43)

KING COUNTY  
SOLID WASTE DIVISION

VASHON-1 SURFACE WATER SAMPLING FIELD RECORD  
used for Seeps SW-S1, SW-S2, SW-S3, SW-S4, SW-S5, SW-S6

KCSW VASHON LF  
ID SVS3071030-  
DATE 10/30/2007  
TIME 13:00  
Sampler SB

## FIELD SAMPLING DATA

Station: SW-S3  
Date/Time: 10/30/2007  
Weather: clear, cool  
Location Description: uphill & east of SW-W4 @  
focused seepage area

COPY

SAMPLE ID # SVS3071030 -

SAMPLE TYPE	DATE TIME	METHOD	VOLUME (mL)	CONTAINER TYPE	FIELD FILTERED (YES/NO)	PRES.	ICED YES/NO
TSS/TS	10/30	Peristaltic Pump w/ clean tubing	1000	blue HDPE	NO	NONE	YES
METALS, D	30/1		500	Red HDPE	YES	HNO <sub>3</sub>	YES
PHYS	2007		1000	blue HDPE	NO	NONE	YES
TOC			2.40	gray GLASS	NO	H <sub>3</sub> PO <sub>4</sub>	YES
COD/NH3	13:00		500	yellow HDPE	NO	H <sub>2</sub> SO <sub>4</sub>	YES
VOA			6@40	green GLASS	NO	HCl	YES

## FIELD WATER QUALITY PARAMETERS

INSTRUMENT NO.	4	1	1	1	2	3	
	SPECIFIC COND (umhos/cm)	pH VALUE	REDOX mV	TEMP (°C)	DISSOLVED OXYGEN (mg/L)	TURBIDITY NTU	TIME
	411	6.92	+5.2	10	2.23	51.9	1245

### NOTES:

INSTRUMENTS CALIBRATED PRIOR TO USE? YES  NO  TIME: 0830  
 #1) pH meter (pH, Redox, Temp) SN# 14768 #3) Turbidimeter # 1  
 standards used 4 & 7 readings 4.7/5.9 standard used 52.4 reading 54.9  
 #2) Dissolved Oxygen Meter SN# 4600 #4) Conductivity Meter SN# 1562 1413/1419  
 3 VOA TRIP BLANKS TURNED IN WITH THIS SAMPLE? YES  NO   
 VTRP VTRP BUBBLES? YES  NO  BUBBLES: DATE:  
 MS/MD BOTTLES TURNED IN? YES  NO

SAMPLE IS TAKEN AT SURFACE WATER/ GROUNDWATER INTERFACE.

### CUSTODY RECORD:

PERSONNEL [Signature] SIGNATURE [Signature]  
 TOTAL NUMBER OF BOTTLES THIS SET 12

# VASW-1 (43)

KING COUNTY  
SOLID WASTE DIVISION

KCSW VASHON LF  
ID SVS3071220-  
DATE 12/20/2007

## VASHON-1 SURFACE WATER SAMPLING FIELD RECORD

used for Seeps SW-S1, SW-S2, SW-S3, SW-S4, SW-S5, SW-S6

Sampler SB

### FIELD SAMPLING DATA

Station: **SW-S3**  
Date/Time: 12 / 20 / 2007 1040  
Weather: cool 40's, partly cloudy  
Location Description: uphill & east of SW-W4 @  
focused seepage area

KCSW VASHON LF  
ID SVEB071220-  
DATE 12/20/2007

Sampler SB

KCSW VASHON LF  
ID VTRP071220R  
DATE 12/20/2007

Sampler SB

**COPY**

SAMPLE ID # **SVS30712 20 -**

SAMPLE TYPE	DATE TIME	METHOD	VOLUME (mL)	CONTAINER TYPE	FIELD FILTERED (YES/NO)	PRES.	ICED YES/NO
TSS/TS	12/20	Peristaltic Pump w/ clean tubing	1000	blue HDPE	NO	NONE	YES
METALS, D	201		500	Red HDPE	YES	HNO <sub>3</sub>	YES
PHYS	2007		1000	blue HDPE	NO	NONE	YES
TOC			2,40	gray GLASS	NO	H <sub>2</sub> PO <sub>4</sub>	YES
COD/NH3	10:40		500	yellow HDPE	NO	H <sub>2</sub> SO <sub>4</sub>	YES
VOA		6@40	green GLASS	NO	HCl	YES	

### FIELD WATER QUALITY PARAMETERS

INSTRUMENT NO.	4	1	1	1	2	3	
	SPECIFIC COND (umhos/cm)	pH VALUE	REDOX mV	TEMP (°C)	DISSOLVED OXYGEN (mg/L)	TURBIDITY NTU	TIME
EB	438	7.37	X	6.7	3.99	15.9	1030
	4.7	5.52	X	13.2	8.07	0.58	1150

#### NOTES:

INSTRUMENTS CALIBRATED PRIOR TO USE? YES  NO  TIME: \_\_\_\_\_  
 #1) pH meter (pH, Redox, Temp) SN# 14768 #3) Turbidimeter # 1  
 standards used 4 & 7 readings X standard used 52.4 reading  
 #2) Dissolved Oxygen Meter SN# 4600 101.7 #4) Conductivity Meter SN# 1562 1413/1410  
 3 VOA TRIP BLANKS TURNED IN WITH THIS SAMPLE? YES  NO  9630  
 VTRP 071220R VTRP BUBBLES? YES  NO  BUBBLES: \_\_\_\_\_ DATE: \_\_\_\_\_  
 MS/MD BOTTLES TURNED IN? YES  NO   
 SVEB071220- taken of tubing for voas only @  
 SAMPLE IS TAKEN AT SURFACE WATER/ GROUNDWATER INTERFACE.

#### CUSTODY RECORD:

PERSONNEL: SBilir SIGNATURE: [Signature]  
 TOTAL NUMBER OF BOTTLES THIS SET: 12 + 3  
 VTRP

# VASW-1 (43)

KING COUNTY  
SOLID WASTE DIVISION

KCSWD VASHON LF  
ID SVS30803 11

## VASHON-1 SURFACE WATER SAMPLING FIELD RECORD

used for Seeps SW-S1, SW-S2, SW-S3, SW-S4, SW-S5, SW-S6

Date 03/ 11 /2008  
Sampler SB

### FIELD SAMPLING DATA

Station: **SW-S3**  
Date/Time: 3 / 11 / 2008 1155  
Weather: Windy, cool 50's, sunny  
Location Description: uphill & east of SW-W4 @  
focused seepage area

SAMPLE ID # **SVS30803 11 -**

SAMPLE TYPE	DATE TIME	METHOD	VOLUME (mL)	CONTAINER TYPE	FIELD FILTERED (YES/NO)	PRES.	ICED YES/NO
TSS/TS	3/11	Peristaltic Pump w/ clean tubing	1000	blue HDPE	NO	NONE	YES
METALS, D	11/1		500	Red HDPE	YES	HNO <sub>3</sub>	YES
PHYS	2008		1000	blue HDPE	NO	NONE	YES
TOC			2,40	gray GLASS	NO	H <sub>2</sub> PO <sub>4</sub>	YES
COD/NH3	12:00		500	yellow HDPE	NO	H <sub>2</sub> SO <sub>4</sub>	YES
VOA		6@40	green GLASS	NO	HCl	YES	

### FIELD WATER QUALITY PARAMETERS

INSTRUMENT NO.	4	1	1	1	2	3	
	SPECIFIC COND (umhos/cm)	pH VALUE	REDOX mV	TEMP (°C)	DISSOLVED OXYGEN (mg/L)	TURBIDITY NTU	TIME
	447	6.98	-4.2	8	2.37	13.9	1155

#### NOTES:

INSTRUMENTS CALIBRATED PRIOR TO USE? YES  NO  TIME: 0830  
 #1) pH meter (pH, Redox, Temp) SN# 3140044 #3) Turbidimeter # 1  
 standards used 4 & 7 readings SLP -57 mv/pH, +/- 25 standard used 52.4 reading 55.1  
 #2) Dissolved Oxygen Meter SN# 4600 101.7 #4) Conductivity Meter SN# 1562 1413 / 1411  
 3 VOA TRIP BLANKS TURNED IN WITH THIS SAMPLE? YES  NO   
 VTRP \_\_\_\_\_ VTRP BUBBLES? YES  NO  BUBBLES: \_\_\_\_\_ DATE: \_\_\_\_\_  
 MS/MD BOTTLES TURNED IN? YES  NO

SAMPLE IS TAKEN AT SURFACE WATER/ GROUNDWATER INTERFACE.

#### CUSTODY RECORD:

PERSONNEL: BILIR SIGNATURE: [Signature]  
 TOTAL NUMBER OF BOTTLES THIS SET: 12

**COPY**

# VASW-1 (43)

KING COUNTY  
SOLID WASTE DIVISION

## VASHON-1 SURFACE WATER SAMPLING FIELD RECORD

used for Seeps SW-S1, SW-S2, SW-S3, SW-S4, SW-S5, SW-S6

**COPY**  
NO SAMPLE

### FIELD SAMPLING DATA

Station: SW-S3  
 Date/Time: 7 / 10 / 2008 1125  
 Weather: 60°F, clear  
 Location Description: uphill & east of SW-W4 @ focused seepage area

SAMPLE ID #	DATE TIME	METHOD	VOLUME (mL)	CONTAINER TYPE	FIELD REDOX	FIELD DO	FIELD TEMP	FIELD PH
TSS/TS	7/10	1000	1000	blue HDPE	NO	NONE	YES	
METALS, D			400	red HDPE	YES	HNO <sub>3</sub>	YES	
PHYS	2008	1800	1800	blue HDPE	NO	NONE	YES	
TOC			2.40	gray GLASS	NO	H <sub>3</sub> PO <sub>4</sub>	YES	
COD/NH <sub>3</sub>			500	yellow HDPE	NO	H <sub>2</sub> SO <sub>4</sub>	YES	
VOA			6@40	green GLASS	NO	Cl	YES	

### FIELD WATER QUALITY PARAMETERS

INSTRUMENT NO.	4	1	1	1	2	3	
METHOD	SPECIFIC COND (umhos/cm)	pH VALUE	REDOX mV	TEMP (°C)	DISSOLVED OXYGEN (mg/L)	TURBIDITY NTU	TIME
Peristaltic Pump w/ clean tubing	472	6.86	+2.8	13.9	2.74	8.37	1125

### NOTES:

INSTRUMENTS CALIBRATED PRIOR TO USE? YES  NO  TIME: 0900

#1) pH meter (pH, Redox, Temp) SN# 03140044 standards used 4 & 7 readings -55.9/-5

#2) Dissolved Oxygen Meter SN# 4600 101.7

#3) Turbidimeter # 1 standard used 5.36 reading 5.88

#4) Conductivity Meter SN# 1562 1413/1416

3 VOA TRIP BLANKS TURNED IN WITH THIS SAMPLE? YES  NO  N/A

VTRP VTRP BUBBLES? YES  NO  BUBBLES: DATE: N/A

MS/MD BOTTLES TURNED IN? YES  NO  N/A

SAMPLE IS TAKEN AT SURFACE WATER/ GROUNDWATER INTERFACE. WQ test only

### CUSTODY RECORD:

PERSONNEL: S. Bilir SIGNATURE: [Signature]

TOTAL NUMBER OF BOTTLES THIS SET: 12

# VASW-1 (43)

KING COUNTY  
SOLID WASTE DIVISION

Place Sample Here **COPY**

## VASHON-1 SURFACE WATER SAMPLING FIELD RECORD

used for Seeps SW-S1, SW-S2, SW-S3, SW-S4, SW-S5, SW-S6, SW-24S

### FIELD SAMPLING DATA

Station: SW-S3  
 Date/Time: 10 / 21 / 2008 1310  
 Weather: ptly cdy, windy, 50°F's  
 Location Description: uphill & east of SW-W4 @ focused seepage area

SAMPLE ID #	DATE TIME	METHOD	VOLUME (mL)	CONTAINER TYPE	FIELD REDOX	FIELD DO	FIELD TEMP	FIELD PH
TSS/TS	10/21	1000	1000	blue HDPE	NO	NONE	YES	
METALS, D			400	red HDPE	YES	HNO <sub>3</sub>	YES	
PHYS	2008	1800	1800	blue HDPE	NO	NONE	YES	
TOC			2.40	gray GLASS	NO	H <sub>3</sub> PO <sub>4</sub>	YES	
COD/NH <sub>3</sub>			500	yellow HDPE	NO	H <sub>2</sub> SO <sub>4</sub>	YES	
VOA			6@40	green GLASS	NO	HCl	YES	

### FIELD WATER QUALITY PARAMETERS

INSTRUMENT NO.	4	1	1	1	2	3	
METHOD	SPECIFIC COND (umhos/cm)	pH VALUE	REDOX mV	TEMP (°C)	DISSOLVED OXYGEN (mg/L)	TURBIDITY NTU	TIME
Peristaltic Pump w/ clean tubing	447	7.13	-13.7	12.1	5.58	22.0	1310

### NOTES:

INSTRUMENTS CALIBRATED PRIOR TO USE? YES  NO  TIME: 0935

#1) pH meter (pH, Redox, Temp) SN# 03140044 standards used 4 & 7 readings 4.017

#2) Dissolved Oxygen Meter SN# 4600 101.7

#3) Turbidimeter # 1 standard used 52.4 reading 56.9

#4) Conductivity Meter SN# 1562 1413/1423 0.99

3 VOA TRIP BLANKS TURNED IN WITH THIS SAMPLE? YES  NO  N/A

VTRP VTRP BUBBLES? YES  NO  BUBBLES: DATE: N/A

MS/MD BOTTLES TURNED IN? YES  NO  N/A

EQUIPMENT BLANK TURNED IN WITH THIS SAMPLE? YES  NO  N/A

SAMPLE IS TAKEN AT SURFACE WATER/ GROUNDWATER INTERFACE.

### CUSTODY RECORD:

PERSONNEL: S. Bilir SIGNATURE: [Signature] DATE / TIME: 10/21/08 1320

TOTAL NUMBER OF BOTTLES THIS SET: 12

# VASW-1 (43)

KING COUNTY  
SOLID WASTE DIVISION

Place label here

## VASHON-1 SURFACE WATER SAMPLING FIELD RECORD

used for Seeps SW-S1, SW-S2, SW-S3, SW-S4, SW-S5, SW-S6, SW-24S

### FIELD SAMPLING DATA

Station: SW-S3  
 Date/Time: 01/07/2009 1120  
 Weather: rainy, 50's overcast  
 Location Description: uphill & east of SW-W4 @  
 focused seepage area

### SAMPLE ID #

SAMPLE TYPE	DATE TIME	METHOD	VOLUME (mL)	CONTAINER TYPE	FILTERED	REDUCED	FIELD PRESERVED	YES/NO
TSS/TS			1000	blue HDPE	NO	NONE	YES	YES
METALS, D			100	red HDPE	YES	HNO <sub>3</sub>	YES	YES
PHYS			100	blue HDPE	NO	NONE	YES	YES
TOC			240	gray GLASS	NO	H <sub>3</sub> PO <sub>4</sub>	YES	YES
COD/NH <sub>4</sub>			100	yellow HDPE	NO	H <sub>2</sub> SO <sub>4</sub>	YES	YES
VOA			8@40	green GLASS	NO	HCl	YES	YES

### FIELD WATER QUALITY PARAMETERS

INSTRUMENT NO.	4	1	1	1	2	3	TIME
METHOD	SPECIFIC COND (umhos/cm)	pH VALUE	REDOX mV	TEMP (°C)	DISSOLVED OXYGEN (mg/L)	TURBIDITY NTU	TIME
Peristaltic Pump w/ clean tubing	361	6.84	1.5	8.8	4.11	17.2	1120

### NOTES:

INSTRUMENTS CALIBRATED PRIOR TO USE? YES  NO  TIME: 1000

#1) pH meter (pH, Redox, Temp) SN# 03140044 #3) Turbidimeter # 1  
 standards used 4 & 7 readings 54.9 standard used 52.4 reading 54.8

#2) Dissolved Oxygen Meter SN# 4600 101.7 #4) Conductivity Meter SN# 1562 1413/1433

3 VOA TRIP BLANKS TURNED IN WITH THIS SAMPLE? YES  NO

VTRP \_\_\_\_\_ VTRP BUBBLES? YES  NO  BUBBLES \_\_\_\_\_ DATE: \_\_\_\_\_

MS/MD BOTTLES TURNED IN? YES  NO

EQUIPMENT BLANK TURNED IN WITH THIS SAMPLE? YES  NO

SAMPLE \_\_\_\_\_ AT SURFACE WATER/ GROUNDWATER INTERFACE.

### CUSTODY RECORD:

PERSONNEL S. Blair SIGNATURE [Signature] DATE / TIME 01/07/09 : 1120

TOTAL NUMBER OF BOTTLES THIS SET N/A

# VASW-1 (43)

KING COUNTY  
SOLID WASTE DIVISION

Place label here

## VASHON-1 SURFACE WATER SAMPLING FIELD RECORD

used for Seeps SW-S1, SW-S2, SW-S3, SW-S4, SW-S5, SW-S6, SW-24S

### FIELD SAMPLING DATA

Station: SW-S3  
 Date/Time: 03/26/2009 1030  
 Weather: cool, overcast  
 Location Description: uphill & east of SW-W4 @  
 focused seepage area

### SAMPLE ID #

SAMPLE TYPE	DATE TIME	METHOD	VOLUME (mL)	CONTAINER TYPE	FILTERED	REDUCED	FIELD PRESERVED	YES/NO
TSS/TS			1000	blue HDPE	NO	NONE	YES	YES
METALS, D			100	red HDPE	YES	HNO <sub>3</sub>	YES	YES
PHYS			100	blue HDPE	NO	NONE	YES	YES
TOC			240	gray GLASS	NO	H <sub>3</sub> PO <sub>4</sub>	YES	YES
COD/NH <sub>4</sub>			100	yellow HDPE	NO	H <sub>2</sub> SO <sub>4</sub>	YES	YES
VOA			8@40	green GLASS	NO	HCl	YES	YES

### FIELD WATER QUALITY PARAMETERS

INSTRUMENT NO.	4	1	1	1	2	3	TIME
METHOD	SPECIFIC COND (umhos/cm)	pH VALUE	REDOX mV	TEMP (°C)	DISSOLVED OXYGEN (mg/L)	TURBIDITY NTU	TIME
Peristaltic Pump w/ clean tubing	398	6.86	+2.0	6.9	4.15	11.1	1045

### NOTES:

INSTRUMENTS CALIBRATED PRIOR TO USE? YES  NO  TIME: 1030

#1) pH meter (pH, Redox, Temp) SN# 03140044 #3) Turbidimeter # 1  
 standards used 4 & 7 readings 55.6 standard used 52.4 reading 55.7

#2) Dissolved Oxygen Meter SN# 4600 101.7 #4) Conductivity Meter SN# 1562 1413/1433

3 VOA TRIP BLANKS TURNED IN WITH THIS SAMPLE? YES  NO

VTRP \_\_\_\_\_ VTRP BUBBLES? YES  NO  BUBBLES \_\_\_\_\_ DATE: \_\_\_\_\_

MS/MD BOTTLES TURNED IN? YES  NO

EQUIPMENT BLANK TURNED IN WITH THIS SAMPLE? YES  NO

SAMPLE \_\_\_\_\_ AT SURFACE WATER/ GROUNDWATER INTERFACE.

### CUSTODY RECORD:

PERSONNEL S. Blair SIGNATURE [Signature] DATE / TIME 3/25/09 1050

TOTAL NUMBER OF BOTTLES THIS SET N/A



VASW-1 (43)

VASHON-1 SURFACE WATER FIELD RECORD

used for Seeps SW-S1, SW-24S, SW-S3

FIELD SAMPLING DATA

Station: SW-S3  
Date/Time: 07 / 14 / 2009 1115  
Weather: overcast, ~65°F - 70°F  
Location: uphill & east of SW-W4 at focused seepage area

SAMPLE ID #	n/a		FIELD FILTERED (YES/NO)	ICED YES/NO
TSS	1000	WM HDPE	NONE	YES
COND/pH/ALK	500	WM HDPE	NONE	YES
TDS/TOTS	500	WM HDPE	NONE	YES
NO <sub>3</sub> /NO <sub>2</sub>	250	WM HDPE	NO	YES
CL/SO <sub>4</sub>	250	WM HDPE	NO	YES
TOC	200	AMBER GLASS	NO	YES
METALS	200	Acid Washed HDPE	YES	YES
VOA	4.40	GLASS	NO	YES

LABEL THE DISSOLVED METALS BOTTLE "FIELD FILTERED"

FIELD WATER QUALITY PARAMETERS

INSTR. #	1562	3140044	3140044	3140044	4600	TURB STD USED	5.36
METER READING					1	METER READING	5.95
SAMPLE	COND (umhos/cm)	pH VALUE	REDOX mV	TEMPERATURE (°C)	DISSOLVED OXYGEN (mg/L)	TURBIDITY NTU	TIME
Peristaltic pump w/ cleaned tubing	519	7.02	5.8	13.8	1.34	13.7	1120

SAMPLE IS TAKEN AT SURFACE WATER / GROUNDWATER INTERFACE.

NOTES:

INSTRUMENTS CALIBRATED PRIOR TO USE? YES  NO  BUFFERS: 4, 7, 10

3 VTRPS TURNED IN? YES  NO  ID: \_\_\_\_\_

BUBBLES? YES  NO  BUBBLE DIAMETER \_\_\_\_\_

EQUIPMENT BLANK TURNED IN WITH SAMPLE? YES  NO  ID: \_\_\_\_\_

NO QC BOTTLES

CUSTOMER RECORD: PERSONNEL: Sevin Bilir SIGNATURE: [Signature] DATE/TIME: 07/14/09

TOTAL NUMBER OF BOTTLES THIS SET: N/A

VASW-1 (43)

VASHON-1 SURFACE WATER FIELD RECORD

used for Seeps SW-S1, SW-24S, SW-S3

FIELD SAMPLING DATA

Station: SW-S3  
Date/Time: 10 / 27 / 2009 505  
Weather: partly cloudy  
Location: uphill & east of SW-W4 at focused seepage area

SAMPLE ID #	n/a		FIELD FILTERED (YES/NO)	ICED YES/NO
TSS	1000	WM HDPE	NONE	YES
COND/pH/ALK	500	WM HDPE	NONE	YES
TDS/TOTS	500	WM HDPE	NONE	YES
NO <sub>3</sub> /NO <sub>2</sub>	250	WM HDPE	NO	YES
CL/SO <sub>4</sub>	250	WM HDPE	NO	YES
TOC	200	AMBER GLASS	NO	YES
METALS	200	Acid Washed HDPE	YES	YES
VOA	4.40	GLASS	NO	YES

LABEL THE DISSOLVED METALS BOTTLE "FIELD FILTERED"

FIELD WATER QUALITY PARAMETERS

INSTR. #	1562	3140044	3140044	3140044	4600	TURB STD USED	5.36
METER READING					1	METER READING	6.02
SAMPLE	COND (umhos/cm)	pH VALUE	REDOX mV	TEMPERATURE (°C)	DISSOLVED OXYGEN (mg/L)	TURBIDITY NTU	TIME
Peristaltic pump w/ cleaned tubing	432	6.91	-2.2	9.6	2.7	15.6	1035

SAMPLE IS TAKEN AT SURFACE WATER / GROUNDWATER INTERFACE.

NOTES:

INSTRUMENTS CALIBRATED PRIOR TO USE? YES  NO  BUFFERS: 4, 7, 10

3 VTRPS TURNED IN? YES  NO  ID: VTRP09

BUBBLES? YES  NO  BUBBLE DIAMETER \_\_\_\_\_

EQUIPMENT BLANK TURNED IN WITH SAMPLE? YES  NO  ID: \_\_\_\_\_

NO QC BOTTLES

CUSTOMER RECORD: PERSONNEL: Sevin Bilir /ck SIGNATURE: [Signature] DATE/TIME: 10/27/09

TOTAL NUMBER OF BOTTLES THIS SET: N/A

# VASW-1 (43)

## VASHON-1 SURFACE WATER FIELD RECORD

### FIELD SAMPLING DATA

Station: SW-S3  
 Date/Time: 02/04/10 1115  
 Weather: partly cloudy  
 Location: west hillside

### SAMPLING DATA

SAMPLE ID #	SAMPLE TYPE	DATE TIME	METHOD	VOLUME (mL)	CONTAINER TYPE	FIELD FILTERED (YES, NO)	PRESERVATIVE	ICED YES
TSS	/	/	GRAB	1000	WM HDPE	NO	NONE	YES
COND/ALK	/	/	GRAB	500	WM HDPE	NO	NONE	YES
TDS/TOTS	2010	/	GRAB	500	WM HDPE	NO	NONE	YES
NH <sub>3</sub> /NO <sub>3</sub>	/	/	GRAB	250	WM HDPE	NO	NONE	YES
CL/SO <sub>4</sub>	a.m.	/	GRAB	125	NM HDPE	NO	NONE	YES
TOC	/	/	GRAB	2,40	AMBER GLASS	NO	H <sub>3</sub> PO <sub>4</sub>	YES
METALS, c	/	/	GRAB	500	Acid Washed HDPE	NO	NONE	YES
METALS, d	/	/	GRAB	500	Acid Washed HDPE	YES	NONE	YES
VOA	/	/	GRAB	4,40	GLASS	NO	HCl	YES

PLEASE REMEMBER TO FILTER THE DISS METALS AND MAKE SURE THE TOTAL AND DISSOLVED METALS GO INTO THE CORRECT BOTTLES.

### FIELD WATER QUALITY PARAMETERS

INSTR. # 1562 314004 1562 TURB STD USED 52.4  
6000323 METER READING 55.7  
 SPEC COND 365 pH 6.65 TEMPERATURE 8.5 DISSOLVED OXYGEN 1.98 TURBIDITY 19.9 TIME 1120

### NOTES:

INSTRUMENTS CALIBRATED PRIOR TO USE? YES  NO  BUFFERS 4, 7, 10  
 VTRPS TURNED IN? YES  NO  VTRPQS  
 BUBBLES? YES  NO  BUBBLE DIAMETERS: NA/A  
 NO QC BOTTLES

### CUSTODY RECORD:

PERSONNEL

BILIR

SIGNATURE

Bilir

DATE/TIME

02/04/10  
11:30

# VASW-1 (43)

## VASHON-1 SURFACE WATER FIELD RECORD

used for Seeps SW-S1, SW-24S, SW-S3

### FIELD SAMPLING DATA

Station: SW-S3  
 Date/Time: 04/15/2010 1040  
 Weather: Rain, overcast, 50°F's  
 Location: uphill & east of SW-W4 at focused seepage area

COPY

*(This section is heavily obscured by a large watermark reading "No sample collected")*

### FIELD WATER QUALITY PARAMETERS

INSTR. # 1562 314004 314004 314004 TURB STD USED 52.4  
4352 METER READING 50.5  
 SPEC COND 393 pH 6.37 TEMPERATURE 9.2 DISSOLVED OXYGEN 2.75 TURBIDITY 24.3 TIME 1045

### NOTES:

INSTRUMENTS CALIBRATED PRIOR TO USE? YES  NO  BUFFERS 4, 7, 10

*(This section is heavily obscured by a large watermark reading "No sample collected")*

PERSONNEL Sevin Bilir SIGNATURE SB DATE/TIME 04/15/10  
 TOTAL NUMBER OF BOTTLES THIS SET X 0 10.55

# VASW-1 (43)

## VASHON-1 SURFACE WATER FIELD RECORD

FIELD SAMPLING DATA (used for Seeps SW-S1, SW-24S, SW-S3)

Station: SW-S3  
Date/Time: 08/12/2010 1145  
Weather: overcast 70's  
Location: uphill & east of SW-W4 at focused seepage area

### SAMPLING DATA

SAMPLE ID #	DATE	METHOD	VOLUME (mL)	CONTAINER TYPE	FIELD	LAB	RES
TSS		GRAB	1000	WM HDPE	NO	NO	NO
COND/ALK		GRAB	500	WM HDPE	NO	NO	NO
TDS/TOTS	2010	GRAB	500	WM HDPE	NO	NO	YES
NH <sub>3</sub> /NO <sub>3</sub>		GRAB	250	WM HDPE	NO	NO	YES
CL/SO <sub>4</sub>	a.m.	GRAB		WM HDPE	NO	NO	YES
TOC				Washed HDPE	NO	NO	YES
METAL				Washed HDPE	NO	NO	YES
METAL				Washed HDPE	YES	NO	YES
VOA				GLASS	NO	HCL	YES

PLEASE REMEMBER TO FILTER THE DISS METALS AND MAKE SURE THE TOTAL AND DISSOLVED METALS GO INTO THE CORRECT BOTTLES.

### FIELD WATER QUALITY PARAMETERS

INSTR. #	1562	3E+06	3140044	SWD	1								
SAMPLE	1	COND (umhos/cm)	472	PH VALUE	6.42	TEMPERATURE (°C)	13.7	DISSOLVED OXYGEN (mg/L)	NM	TURBIDITY NTU	16.8	TIME	1148

TURB STD USED: 5.36  
METER READING: 4.82

NOTES:  
INSTRUMENTS CALIBRATED PRIOR TO USE? YES  NO   
3 VTRPs TURNED IN? YES  NO  VTRP09 DATE: 7.10  
BUBBLES? YES  NO  BUBBLE DIAMETERS:  
NO QC BOTTLES

CUSTOMER: SBILLIR SIGNATURE: [Signature] DATE/TIME: 8/12/10 12:05

TOTAL NUMBER OF BOTTLES THIS SET: 15

# VASW-1 (43)

## VASHON-1 SURFACE WATER FIELD RECORD

FIELD SAMPLING DATA (used for Seeps SW-S1, SW-24S, SW-S3)

Station: SW-S3  
Date/Time: 11/02/2010 1110  
Weather: overcast 60's F  
Location: uphill & east of SW-W4 at focused seepage area

### SAMPLING DATA

SAMPLE ID #	DATE	METHOD	VOLUME (mL)	CONTAINER TYPE	FIELD	LAB	RES
TSS		GRAB	1000	WM HDPE	NO	NO	NO
COND/ALK		GRAB	500	WM HDPE	NO	NO	NO
TDS/TOTS	2010	GRAB	500	WM HDPE	NO	NO	YES
NH <sub>3</sub> /NO <sub>3</sub>		GRAB	250	WM HDPE	NO	NO	YES
CL/SO <sub>4</sub>	a.m.	GRAB		WM HDPE	NO	NO	YES
TOC				Washed HDPE	NO	NO	YES
METAL				Washed HDPE	NO	NO	YES
METAL				Washed HDPE	YES	NO	YES
VOA				GLASS	NO	HCL	YES

PLEASE REMEMBER TO FILTER THE DISS METALS AND MAKE SURE THE TOTAL AND DISSOLVED METALS GO INTO THE CORRECT BOTTLES.

### FIELD WATER QUALITY PARAMETERS

INSTR. #	1562	3E+06	3140044	SWD	1								
SAMPLE	1	COND (umhos/cm)	450	PH VALUE	6.61	TEMPERATURE (°C)	11.9	DISSOLVED OXYGEN (mg/L)	1.45	TURBIDITY NTU	3.37	TIME	1105

TURB STD USED: 5.36  
METER READING: 5.56

NOTES:  
INSTRUMENTS CALIBRATED PRIOR TO USE? YES  NO   
3 VTRPs TURNED IN? YES  NO  VTRP09 DATE: 4.7.10  
BUBBLES? YES  NO  BUBBLE DIAMETERS:  
NO QC BOTTLES

CUSTOMER: SBILLIR SIGNATURE: [Signature] DATE/TIME: 11/02/2010 11:20

TOTAL NUMBER OF BOTTLES THIS SET: 15



# VASW-1 (43)

KING COUNTY  
SOLID WASTE DIVISION

KC VASHON LF  
ID SVS4070510-  
DATE 05/10/07  
TIME 1410  
SAMPLER SB

## VASHON-1 SURFACE WATER SAMPLING FIELD RECORD

used for Seeps SS-1, SS-2, SS-3, SS-4, SS-5, and SS-6

### FIELD SAMPLING DATA

Station: SS-4  
Date/Time: 05/10/07 1400  
Weather: Clear, warm  
Location Description: ~ 60 ft N of dry ridge @  
focused seepage area

*COPY*

SAMPLE ID # SVS407 05 10 -

SAMPLE TYPE	DATE TIME	METHOD	VOLUME (mL)	CONTAINER TYPE	FIELD FILTERED (YES,NO)	PRES.	ICED YES/NO
TSS/TS	<u>05/1</u>	Peristaltic Pump w/ clean tubing	1000	blue HDPE	NO	NONE	YES
METALS, D	<u>10/1</u>		500	Red HDPE	YES	HNO <sub>3</sub>	YES
PHYS	<u>2007</u>		1000	blue HDPE	NO	NONE	YES
TOC			2.40	gray GLASS	NO	H <sub>3</sub> PO <sub>4</sub>	YES
COD/NH3	<u>14:10</u>		500	yellow HDPE	NO	H <sub>2</sub> SO <sub>4</sub>	YES
VOA			6@40	green GLASS	NO	HCl	YES

### FIELD WATER QUALITY PARAMETERS

INSTRUMENT NO.	4	1	1	1	2	3	
SAMPLE	SPECIFIC COND (umhos/cm)	pH VALUE	REDOX mV	TEMP (°C)	DISSOLVED OXYGEN (mg/L)	TURBIDITY NTU	TIME
	<u>445</u>	<u>6.94</u>	<u>+3.6</u>	<u>10.3</u>	<u>6.94</u>	<u>&gt;10</u>	<u>1430</u>

#### NOTES:

INSTRUMENTS CALIBRATED PRIOR TO USE? YES  NO  TIME: 0715  
 #1) pH meter (pH, Redox, Temp) SN# 14768  
 standards used 7, 10, 0.1 readings 7, 9.57  
 #2) Dissolved Oxygen Meter SN# 4600  
 standard used 5.36 reading 5.62  
 #3) Turbidimeter SN# 1  
 standard used 5.36 reading 5.62  
 #4) Conductivity Meter SN# 1502  
 3 VOA TRIP BLANKS TURNED IN WITH THIS SAMPLE? YES  NO   
 VTRP \_\_\_\_\_ VTRP BUBBLES? YES  NO  BUBBLES: \_\_\_\_\_ DATE: \_\_\_\_\_  
 MS/MD BOTTLES TURNED IN? YES  NO

SAMPLE IS TAKEN AT SURFACE WATER/ GROUNDWATER INTERFACE.

#### CUSTODY RECORD:

PERSONNEL Sevin Bilir SIGNATURE [Signature]  
 TOTAL NUMBER OF BOTTLES THIS SET 12

# VASW-1 (43)

KING COUNTY  
SOLID WASTE DIVISION

KCSW VASHON LF  
ID SVS4070816-  
DATE 08/16/2007  
TIME 1040  
Sampler SB

## VASHON-1 SURFACE WATER SAMPLING FIELD RECORD

used for Seeps SW-S1, SW-S2, SW-S3, SW-S4, SW-S5, SW-S6 & 24S

### FIELD SAMPLING DATA

Station: SW-S4  
Date/Time: 08/16/2007  
Weather: Overcast, Cool  
Location Description: ~ 60 ft N of dry ridge @  
focused seepage area

KCSW VASHON LF  
ID SVEB070816-  
DATE 08/16/07  
TIME 1030  
Sampler SB

SAMPLE ID # SVS40708 16 -

SAMPLE TYPE	DATE TIME	METHOD	VOLUME (mL)	CONTAINER TYPE	FIELD FILTERED (YES,NO)	PRES.	ICED YES/NO
TSS/TS	<u>08/16/1</u>	Peristaltic Pump w/ clean tubing	1000	blue HDPE	NO	NONE	YES
METALS, D	<u>16/1</u>		500	Red HDPE	YES	HNO <sub>3</sub>	YES
PHYS	<u>2007</u>		1000	blue HDPE	NO	NONE	YES
TOC			2.40	gray GLASS	NO	H <sub>3</sub> PO <sub>4</sub>	YES
COD/NH3	<u>10:40</u>		500	yellow HDPE	NO	H <sub>2</sub> SO <sub>4</sub>	YES
VOA			6@40	green GLASS	NO	HCl	YES

### FIELD WATER QUALITY PARAMETERS

INSTRUMENT NO.	4	1	1	1	2	3	
SAMPLE	SPECIFIC COND (umhos/cm)	pH VALUE	REDOX mV	TEMP (°C)	DISSOLVED OXYGEN (mg/L)	TURBIDITY NTU	TIME
	<u>465</u>	<u>6.95</u>	<u>3.5</u>	<u>10.5</u>	<u>0.69</u>	<u>8.42</u>	<u>1030</u>

#### NOTES:

INSTRUMENTS CALIBRATED PRIOR TO USE? YES  NO  TIME: 1000  
 #1) pH meter (pH, Redox, Temp) SN# 14768  
 standards used 4 & 7 readings 4.0/7.01  
 #2) Dissolved Oxygen Meter SN# 4600  
 standard used 52.4 reading 53.9  
 #3) Turbidimeter SN# 1  
 standard used 52.4 reading 53.9  
 #4) Conductivity Meter SN# 1562 1413/1416  
 3 VOA TRIP BLANKS TURNED IN WITH THIS SAMPLE? YES  NO   
 VTRP \_\_\_\_\_ VTRP BUBBLES? YES  NO  BUBBLES: \_\_\_\_\_ DATE: \_\_\_\_\_  
 MS/MD BOTTLES TURNED IN? YES  NO

SAMPLE IS TAKEN AT SURFACE WATER/ GROUNDWATER INTERFACE.

#### CUSTODY RECORD:

PERSONNEL Sevin B SIGNATURE [Signature]  
 TOTAL NUMBER OF BOTTLES THIS SET 12

# VASW-1 (43)

KING COUNTY  
SOLID WASTE DIVISION

**COPY**

KCSW VASHON LF  
ID SVS4071030-  
DATE 10/30/2007  
TIME 11:30  
Sampler SB

## VASHON-1 SURFACE WATER SAMPLING FIELD RECORD

used for Seeps SW-S1, SW-S2, SW-S3, SW-S4, SW-S5, SW-S6

### FIELD SAMPLING DATA

Station: SW-S4  
Date/Time: 10/30/2007  
Weather: clear, cool  
Location Description: ~ 60 ft N of dry ridge @  
focused seepage area

KCSW VASHON LF  
ID SVEB071030-  
DATE 10/30/2007  
TIME 11:00  
Sampler SB

KCSW VASHON LF  
ID VTRP071030S  
DATE 10/30/2007  
TIME 11:30  
Sampler SB

SAMPLE ID # SVS4071030 -

SAMPLE TYPE	DATE TIME	METHOD	VOLUME (mL)	CONTAINER TYPE	FIELD FILTERED (YES,NO)	PRES.	ICED YES/NO
TSS/TS	10/30	Peristaltic Pump w/ clean tubing	1000	blue HDPE	NO	NONE	YES
METALS, D	301		500	Red HDPE	YES	HNO <sub>3</sub>	YES
PHYS	2007		1000	blue HDPE	NO	NONE	YES
TOC			2,40	gray GLASS	NO	H <sub>3</sub> PO <sub>4</sub>	YES
COD/NH3	11:30		500	yellow HDPE	NO	H <sub>2</sub> SO <sub>4</sub>	YES
VOA			6@40	green GLASS	NO	HCl	YES

### FIELD WATER QUALITY PARAMETERS

INSTRUMENT NO.	4	1	1	1	2	3	
	SPECIFIC COND (µmhos/cm)	pH VALUE	REDOX mV	TEMP (°C)	DISSOLVED OXYGEN (mg/L)	TURBIDITY NTU	TIME
SVEB...	2.2	6.55	+2.58	12.1	8.5	0.63	1100
SVS4071030	443	7.08	-3.14	9.9	5.94	1.11	1115

### NOTES:

INSTRUMENTS CALIBRATED PRIOR TO USE? YES  NO  TIME: 0800

#1) pH meter (pH, Redox, Temp) SN# 14768 standards used 4 & 7 readings 47.59

#2) Dissolved Oxygen Meter SN# 4600

#3) Turbidimeter # 1 standard used 52.4 reading 0.9

#4) Conductivity Meter SN# 1562 1413/1419

3 VOA TRIP BLANKS TURNED IN WITH THIS SAMPLE? YES  NO

VTRP 071030S VTRP BUBBLES? YES  NO  BUBBLES: DATE: 10/29/07

MS/MD BOTTLES TURNED IN? YES  NO

PLUS SVEB071030 - @ 1100 using tubing for SW-S4

SAMPLE IS TAKEN AT SURFACE WATER/ GROUNDWATER INTERFACE.

### CUSTODY RECORD:

PERSONNEL

SIGNATURE

TOTAL NUMBER OF BOTTLES THIS SET

12

+3VTRP + 12EB

seeps/fieldsheets.xls

# VASW-1 (43)

KING COUNTY  
SOLID WASTE DIVISION

**COPY**

KCSW VASHON LF  
ID SVS4071219-  
DATE 12/19/2007

## VASHON-1 SURFACE WATER SAMPLING FIELD RECORD

used for Seeps SW-S1, SW-S2, SW-S3, SW-S4, SW-S5, SW-S6

Sampler SB

### FIELD SAMPLING DATA

Station: SW-S4  
Date/Time: 12/19/2007 2000  
Weather: 40's overcast  
Location Description: ~ 60 ft N of dry ridge @  
focused seepage area

KCSW VASHON LF  
ID VTRP071219R  
DATE 12/19/2007

Sampler SB

SAMPLE ID # SVS4071219 -

SAMPLE TYPE	DATE TIME	METHOD	VOLUME (mL)	CONTAINER TYPE	FIELD FILTERED (YES,NO)	PRES.	ICED YES/NO
TSS/TS	12/19	Peristaltic Pump w/ clean tubing	1000	blue HDPE	NO	NONE	YES
METALS, D	19/1		500	Red HDPE	YES	HNO <sub>3</sub>	YES
PHYS	2007		1000	blue HDPE	NO	NONE	YES
TOC			2,40	gray GLASS	NO	H <sub>3</sub> PO <sub>4</sub>	YES
COD/NH3	12:00		500	yellow HDPE	NO	H <sub>2</sub> SO <sub>4</sub>	YES
VOA			6@40	green GLASS	NO	HCl	YES

### FIELD WATER QUALITY PARAMETERS

INSTRUMENT NO.	4	1	1	1	2	3	
	SPECIFIC COND (µmhos/cm)	pH VALUE	REDOX mV	TEMP (°C)	DISSOLVED OXYGEN (mg/L)	TURBIDITY NTU	TIME
	403	7.6	X	8.8	5.35	59.9	1155

### NOTES:

INSTRUMENTS CALIBRATED PRIOR TO USE? YES  NO  TIME: 0930

#1) pH meter (pH, Redox, Temp) SN# 14768 standards used 4 & 7 readings

#2) Dissolved Oxygen Meter SN# 4600

#3) Turbidimeter # 1 standard used 52.4 reading 60.3

#4) Conductivity Meter SN# 1562 1413/1419

3 VOA TRIP BLANKS TURNED IN WITH THIS SAMPLE? YES  NO  XC-9606

VTRP 071219R VTRP BUBBLES? YES  NO  BUBBLES: DATE:

MS/MD BOTTLES TURNED IN? YES  NO

SAMPLE IS TAKEN AT SURFACE WATER/ GROUNDWATER INTERFACE.

### CUSTODY RECORD:

PERSONNEL

SIGNATURE

TOTAL NUMBER OF BOTTLES THIS SET

12

seeps/fieldsheets.xls

# VASW-1 (43)

KING COUNTY  
SOLID WASTE DIVISION

KCSWD VASHON LF  
ID SVS40803 **13** -  
Date 03/13/2008  
Sampler SB

## VASHON-1 SURFACE WATER SAMPLING FIELD RECORD

used for Seeps SW-S1, SW-S2, SW-S3, SW-S4, SW-S5, SW-S6

### FIELD SAMPLING DATA

Station: **SW-S4**  
Date/Time: 3/13/2008 **0945**  
Weather: **40% cold, raining**  
Location Description: **~60 ft N of dry ridge @  
focused seepage area**

KCSWD VASHON LF  
ID VTRP0803 **13** R  
Date 03/13/2008  
Sampler SB

SAMPLE ID # **SVS40803 13** -

SAMPLE TYPE	DATE TIME	METHOD	VOLUME (mL)	CONTAINER TYPE	FIELD FILTERED (YES/NO)	PRES.	ICED YES/NO
TSS/TS	3/13/2008	Peristaltic Pump w/ clean tubing	1000	blue HDPE	NO	NONE	YES
METALS, D	3/13/2008		500	Red HDPE	YES	HNO <sub>3</sub>	YES
PHYS	2008		1000	blue HDPE	NO	NONE	YES
TOC			2.40	gray GLASS	NO	H <sub>3</sub> PO <sub>4</sub>	YES
COD/NH3	10:00		500	yellow HDPE	NO	H <sub>2</sub> SO <sub>4</sub>	YES
VOA			6@40	green GLASS	NO	HCl	YES

### FIELD WATER QUALITY PARAMETERS

INSTRUMENT NO.	4	1	1	1	2	3	
	SPECIFIC COND (µmhos/cm)	pH VALUE	REDOX mV	TEMP (°C)	DISSOLVED OXYGEN (mg/L)	TURBIDITY NTU	TIME
	327	7.06	-9.1	8.5	2.3	81.5	0950

### NOTES:

INSTRUMENTS CALIBRATED PRIOR TO USE? YES  NO  TIME: **0930**  
 #1) pH meter (pH, Redox, Temp) SN# 3140044 standards used 4 & 7 readings SLP -57 mv/pH, +/- 5  
 #2) Dissolved Oxygen Meter SN# 4600 101.7  
 #3) Turbidimeter # 1 reading **57.3**  
 #4) Conductivity Meter SN# 1562 1413/1410  
 3 VOA TRIP BLANKS TURNED IN WITH THIS SAMPLE? YES  NO   
 VTRP **080313R** VTRP BUBBLES? YES  NO  BUBBLES: DATE: **03/06/08**  
 MS/MD BOTTLES TURNED IN? YES  NO

SAMPLE IS TAKEN AT SURFACE WATER/ GROUNDWATER INTERFACE.

### CUSTODY RECORD:

PERSONNEL

**BILIR**

SIGNATURE

**Bol**

TOTAL NUMBER OF BOTTLES THIS SET

12

seeps/fieldsheets.xls

# VASW-1 (43)

KING COUNTY  
SOLID WASTE DIVISION

KCSWD VASHON LF  
ID SVS4080716-  
Date 07/16/2008  
Sampler SB

## VASHON-1 SURFACE WATER SAMPLING FIELD RECORD

used for Seeps SW-S1, SW-S2, SW-S3, SW-S4, SW-S5, SW-S6

### FIELD SAMPLING DATA

Station: **SW-S4**  
Date/Time: 7/16/2008 **1140**  
Weather: **COOL, low fog**  
Location Description: **~60 ft N of dry ridge @  
focused seepage area**

SAMPLE ID # **SVS40807 16** -

SAMPLE TYPE	DATE TIME	METHOD	VOLUME (mL)	CONTAINER TYPE	FIELD FILTERED (YES/NO)	PRES.	ICED YES/NO
TSS/TS	7/16/2008	Peristaltic Pump w/ clean tubing	1000	blue HDPE	NO	NONE	YES
METALS, D	7/16/2008		500	Red HDPE	YES	HNO <sub>3</sub>	YES
PHYS	2008		1000	blue HDPE	NO	NONE	YES
TOC			2.40	gray GLASS	NO	H <sub>3</sub> PO <sub>4</sub>	YES
COD/NH3	11:50		500	yellow HDPE	NO	H <sub>2</sub> SO <sub>4</sub>	YES
VOA			6@40	green GLASS	NO	HCl	YES

### FIELD WATER QUALITY PARAMETERS

INSTRUMENT NO.	4	1	1	1	2	3	
	SPECIFIC COND (µmhos/cm)	pH VALUE	REDOX mV	TEMP (°C)	DISSOLVED OXYGEN (mg/L)	TURBIDITY NTU	TIME
	407	7.18	-14.8	12.9	4.87	11.7	1140

### NOTES:

INSTRUMENTS CALIBRATED PRIOR TO USE? YES  NO  TIME: **0900**  
 #1) pH meter (pH, Redox, Temp) SN# 03140044 standards used 4 & 7 readings **-559/-5**  
 #2) Dissolved Oxygen Meter SN# 4600 **1047**  
 #3) Turbidimeter # 1 standard used 5.36 reading **5.88**  
 #4) Conductivity Meter SN# 1562 1413/1416  
 3 VOA TRIP BLANKS TURNED IN WITH THIS SAMPLE? YES  NO   
 VTRP VTRP BUBBLES? YES  NO  BUBBLES: DATE:  
 MS/MD BOTTLES TURNED IN? YES  NO

SAMPLE IS TAKEN AT SURFACE WATER/ GROUNDWATER INTERFACE.

### CUSTODY RECORD:

PERSONNEL

S. Bilir

SIGNATURE

**Bol**

TOTAL NUMBER OF BOTTLES THIS SET

12 ✓

seeps2456/fieldsheets.xls



# VASW-1 (43)

KING COUNTY  
SOLID WASTE DIVISION

VASHON-1 SURFACE WATER SAMPLING FIELD RECORD  
used for Seeps SW-S1, SW-S2, SW-S3, SW-S4, SW-S5, SW-S6, SW-24S

### FIELD SAMPLING DATA

Station: **SW-S4**  
Date/Time: 10/07/2008 1210  
Weather: ptly cdy, windy, cold 50's  
Location Description: 60 ft N of dry ridge @  
focused seepage area

KCSWD VASHON LF  
ID SVS4081007-  
Date 10/07/2008  
Sampler SB

KCSWD VASHON LF  
ID VTRP081007R  
Date 10/07/2008  
Sampler SB

SAMPLE ID # **SVS4081007-**

SAMPLE TYPE	DATE TIME	METHOD	VOLUME (mL)	CONTAINER TYPE	FIELD FILTERED (YES/NO)	PRES.	ICED YES/NO
TSS/TS	10/07/2008	Peristaltic Pump w/ clean tubing	1000	blue HDPE	NO	NONE	YES
METALS, D	071		500	Red HDPE	YES	HNO <sub>3</sub>	YES
PHYS	2008		1000	blue HDPE	NO	NONE	YES
TOC			2.40	gray GLASS	NO	H <sub>3</sub> PO <sub>4</sub>	YES
COD/NH3	12:20		500	yellow HDPE	NO	H <sub>2</sub> SO <sub>4</sub>	YES
VOA			6@40	green GLASS	NO	HCl	YES

### FIELD WATER QUALITY PARAMETERS

INSTRUMENT NO.	4	1	1	1	2	3	
	SPECIFIC COND (umhos/cm)	pH VALUE	REDOX mV	TEMP (°C)	DISSOLVED OXYGEN (mg/L)	TURBIDITY NTU	TIME
Peristaltic pump w/ clean tubing	540	7.12	-13.5	11.4	4.79	7.41	1215

#### NOTES:

INSTRUMENTS CALIBRATED PRIOR TO USE? YES  NO  TIME: 0935

#1) pH meter (pH, Redox, Temp) SN# 03140044 standards used 4 & 7 readings -55.4/-8

#2) Dissolved Oxygen Meter SN# 4600 101.7

#3) Turbidimeter # 1 standard used 52.4 reading 56.9

#4) Conductivity Meter SN# 1562 1413/1423

3 VOA TRIP BLANKS TURNED IN WITH THIS SAMPLE? YES  NO

VTRP 081007R VTRP BUBBLES? YES  NO  BUBBLES: 1 in each DATE: 10/3/08

MS/MD BOTTLES TURNED IN? YES  NO  (none at pickup)

SAMPLE IS TAKEN AT SURFACE WATER/ GROUNDWATER INTERFACE.

#### CUSTODY RECORD:

PERSONNEL: S. Billr SIGNATURE: [Signature] DATE/TIME: 10/07/08 1300

TOTAL NUMBER OF BOTTLES THIS SET: 12

# VASW-1 (43)

KING COUNTY  
SOLID WASTE DIVISION

VASHON-1 SURFACE WATER SAMPLING FIELD RECORD  
used for Seeps SW-S1, SW-S2, SW-S3, SW-S4, SW-S5, SW-S6, SW-24S

### FIELD SAMPLING DATA

Station: **SW-S4**  
Date/Time: 01/07/2009 1125  
Weather: rainy, overcast, 50's  
Location Description: 60 ft N of dry ridge @  
focused seepage area

KCSWD VASHON LF  
ID SVS4090107-  
Date 01/07/2009  
Sampler SB

**COPY**

SAMPLE ID # **SVS4090107-**

SAMPLE TYPE	DATE TIME	METHOD	VOLUME (mL)	CONTAINER TYPE	FIELD FILTERED (YES/NO)	PRES.	ICED YES/NO
TSS/TS	01/07/2009	Peristaltic Pump w/ clean tubing	1000	blue HDPE	NO	NONE	YES
METALS, D	071		500	Red HDPE	YES	HNO <sub>3</sub>	YES
PHYS	2009		1000	blue HDPE	NO	NONE	YES
TOC			2.40	gray GLASS	NO	H <sub>3</sub> PO <sub>4</sub>	YES
COD/NH3	11:30		500	yellow HDPE	NO	H <sub>2</sub> SO <sub>4</sub>	YES
VOA			6@40	green GLASS	NO	HCl	YES

### FIELD WATER QUALITY PARAMETERS

INSTRUMENT NO.	4	1	1	1	2	3	
	SPECIFIC COND (umhos/cm)	pH VALUE	REDOX mV	TEMP (°C)	DISSOLVED OXYGEN (mg/L)	TURBIDITY NTU	TIME
Peristaltic Pump w/ clean tubing	440	6.96	4.8	10.0	2.12	39.5	1125

#### NOTES:

INSTRUMENTS CALIBRATED PRIOR TO USE? YES  NO  TIME: 1000

#1) pH meter (pH, Redox, Temp) SN# 03140044 standards used 4 & 7 readings -54.9

#2) Dissolved Oxygen Meter SN# 4600 101.7

#3) Turbidimeter # 1 standard used 52.4 reading 54.8

#4) Conductivity Meter SN# 1562 1413/1453

3 VOA TRIP BLANKS TURNED IN WITH THIS SAMPLE? YES  NO

VTRP \_\_\_\_\_ VTRP BUBBLES? YES  NO  BUBBLES: \_\_\_\_\_ DATE: \_\_\_\_\_

MS/MD BOTTLES TURNED IN? YES  NO

EQUIPMENT BLANK TURNED IN WITH THIS SAMPLE? YES  NO

SAMPLE IS TAKEN AT SURFACE WATER/ GROUNDWATER INTERFACE.

#### CUSTODY RECORD:

PERSONNEL: S. Billr SIGNATURE: [Signature] DATE/TIME: 01/07/09 1135

TOTAL NUMBER OF BOTTLES THIS SET: 12

# VASW-1 (43)

KING COUNTY  
SOLID WASTE DIVISION

KCSWD VASHON LF  
ID SVS4090323-

## VASHON-1 SURFACE WATER SAMPLING FIELD RECORD

used for Seeps SW-S1, SW-S2, SW-S3, SW-S4, SW-S5, SW-S6, SW-24S

Date 03/23/2009  
Sampler SB

### FIELD SAMPLING DATA

Station: SW-S4  
Date/Time: 03 / 23 / 2009 1250  
Weather: cloud overcast, slight rain  
Location Description: - 60 ft N of dry ridge @ focused seepage area

KCSWD VASHON LF  
ID VTRP090323T  
Date 03/23/2009  
Sampler SB

SAMPLE ID # SVS4090323-

SAMPLE TYPE	DATE TIME	METHOD	VOLUME (mL)	CONTAINER TYPE	FIELD FILTERED (YES,NO)	PRES.	ICED YES/NO
TSS/TS	03/	Peristaltic Pump w/ clean tubing	1000	blue HDPE	NO	NONE	YES
METALS, d	<u>23/</u>		500	Red HDPE	YES	HNO <sub>3</sub>	YES
PHYS	2009		1000	blue HDPE	NO	NONE	YES
TOC			2,40	gray GLASS	NO	H <sub>2</sub> PO <sub>4</sub>	YES
COD/NH3	<u>13:00</u>		500	yellow HDPE	NO	H <sub>2</sub> SO <sub>4</sub>	YES
VOA			6@40	green GLASS	NO	HCl	YES

### FIELD WATER QUALITY PARAMETERS

INSTRUMENT NO.	4	1	1	1	2	3	
	SPECIFIC COND (µmhos/cm)	pH VALUE	REDOX mV	TEMP (°C)	DISSOLVED OXYGEN (mg/L)	TURBIDITY NTU	TIME
Peristaltic Pump w/ clean tubing	<u>426</u>	<u>7.45</u>	<u>-2.51</u>	<u>8.7</u>	<u>7.03</u>	<u>9.15</u>	<u>1250</u>

### NOTES:

INSTRUMENTS CALIBRATED PRIOR TO USE? YES  NO  TIME: 10AM  
 #1) pH meter (pH, Redox, Temp) SN# 03140044  
 standards used 4 & 7 readings 65.9/-7 #3) Turbidimeter # 1  
 standard used 52.4 reading 55.8  
 #2) Dissolved Oxygen Meter SN# 4600 101.7 #4) Conductivity Meter SN# 1562 1413/ 145  
 3 VOA TRIP BLANKS TURNED IN WITH THIS SAMPLE? YES  NO   
 VTRP 090323T VTRP BUBBLES? YES  NO  BUBBLES: 1@3mm DATE: 3/20/09  
 MS/MD BOTTLES TURNED IN? YES  NO   
 EQUIPMENT BLANK TURNED IN WITH THIS SAMPLE? YES  NO   
 SAMPLES TAKEN AT SURFACE WATER/GROUNDWATER INTERFACE.

### CUSTODY RECORD:

PERSONNEL: S. Bilir SIGNATURE: [Signature] DATE/TIME: 3/23: 1400  
 TOTAL NUMBER OF BOTTLES THIS SET: 12

43 VTRP

# VASW-1 (43)

KING COUNTY  
SOLID WASTE DIVISION

KCSWD VASHON LF  
ID SVS4090714-  
Date 07/14/2009  
Sampler SB

## VASHON-1 SURFACE WATER FIELD RECORD

used for Seeps SW-S2, SW-S4, SW-S5, SW-S6

### FIELD SAMPLING DATA

Station: SW-S4  
Date/Time: 07 / 14 / 2009 1140  
Weather: overcast, ~60°F  
Location: - 60 ft N of dry ridge at focused seepage area

SAMPLE ID # SVS4090714-

SAMPLE TYPE	DATE TIME	METHOD	VOLUME (mL)	CONTAINER TYPE	FIELD FILTERED (YES,NO)	PRESERVATIVE	ICPD YES
TSS		Peristaltic pump with cleaned tubing	1000	WM HDPE	NO	NONE	YES
COND/pH/ALK	07/		500	WM HDPE	NO	NONE	YES
TDS/TOTS	<u>14/</u>		500	WM HDPE	NO	NONE	YES
NH <sub>3</sub> /NO <sub>3</sub>	2009		250	WM HDPE	NO	NONE	YES
CL/SO <sub>4</sub>			125	NM HDPE	NO	NCNE	YES
TOC	<u>12:00</u>		2,40	AMBER GLASS	NO	H <sub>2</sub> PO <sub>4</sub>	YES
METALS, d		500	Acid Washed HDPE	YES	NONE	YES	
VOA		4,40	GLASS	NO	HCl	YES	

LABEL THE DISSOLVED METALS BOTTLE "FIELD FILTERED"

### FIELD WATER QUALITY PARAMETERS

INSTR. #	1562	3140044	3140044	3140044	4600	TURBIDITY USED	METER READING
	SPEC COND (µmhos/cm)	pH VALUE	REDOX mV	TEMPERATURE (°C)	DISSOLVED OXYGEN (mg/L)	TURBIDITY NTU	TIME
Peristaltic pump w/ cleaned tubing	<u>562</u>	<u>7.11</u>	<u>-9.8</u>	<u>13.4</u>	<u>8.55</u>	<u>109</u>	<u>1145</u>

SAMPLE IS TAKEN AT SURFACE WATER/GROUNDWATER INTERFACE.

### NOTES:

INSTRUMENTS CALIBRATED PRIOR TO USE? YES  NO  BUFFERS: 4, 7, 10  
 3 VTRPS TURNED IN? YES  NO  ID: JIA DATE: 7/14/09  
 BUBBLES? YES  NO  BUBBLE DIAMETERS: JIA  
 EQUIPMENT BLANK TURNED IN WITH THIS SAMPLE? YES  NO  ID: JIA  
 NO QC BOTTLES

### CUSTODY RECORD:

PERSONNEL: Sevin Bilir SIGNATURE: [Signature] DATE/TIME: 7/14/09  
 TOTAL NUMBER OF BOTTLES THIS SET: 12

KING COUNTY  
SOLID WASTE DIVISION

VASW-1 (43)

KCSWD VASHON LF  
ID SVS4091027-

VASHON-1 SURFACE WATER FIELD RECORD  
Date 10/27/2009  
Sampler SB

used for Seeps SW-S2, SW-S4, SW-S5, SW-S6

FIELD SAMPLING DATA

Station: SW-S4  
Date/Time: 10 / 27 / 2009 11:30  
Weather: 50's Partly cloudy  
Location: - 60 ft N of dry ridge at  
focused seepage area

KCSWD VASHON LF  
ID SVS4091027-  
Date 10/28/2009  
Sampler SB  
**COPY**

*did not collect 10/27/09  
due to slow recovery;  
Collected 10/28/09 13:15*

SAMPLE ID # SVS4091027-

SAMPLE TYPE	DATE TIME	METHOD	VOLUME (mL)	CONTAINER TYPE	FIELD	ICED
					FILTERED (YES/NO)	PRESERVATIVE
TSS			1000	WM HDPE <input checked="" type="checkbox"/>	NO	NONE YES
COND/pH/ALK	10/27/2009	Peristaltic pump with cleaned tubing	500	WM HDPE <input checked="" type="checkbox"/>	NO	NONE YES
TDS/TOTS			500	WM HDPE <input checked="" type="checkbox"/>	NO	NONE YES
NH <sub>3</sub> /NO <sub>3</sub>			250	WM HDPE	NO	NONE YES
CL/SO <sub>4</sub>			125	NM HDPE	NO	NONE YES
TOC	11:40		2,40	AMBER GLASS	NO	H <sub>3</sub> PO <sub>4</sub> YES
METALS, d			500	Acid Washed HDPE	YES	NONE YES
VOA			4,40	GLASS	NO	HCl YES

LABEL THE DISSOLVED METALS BOTTLE "FIELD FILTERED"

FIELD WATER QUALITY PARAMETERS

INSTR. #	TURB STD USED: 5.36				METER READING: 6.02		
	1562	3140044	3140044	3140044	4600		1
SAMPLE	SPEC COND (umhos/cm)	pH VALUE	REDOX mV	TEMPERATURE (°C)	DISSOLVED OXYGEN (mg/L)	TURBIDITY NTU	TIME
Peristaltic pump w/ cleaned tubing	579	6.83	1.8	9.5	1.89	2.14	11:30

SAMPLE IS TAKEN AT SURFACE WATER / GROUNDWATER INTERFACE.

NOTES:  
INSTRUMENTS CALIBRATED PRIOR TO USE? YES  NO  BUFFERS: (4, 7, 10)  
3 VTRPs TURNED IN? YES  NO  ID: VTRP0910 DATE:  
BUBBLES? YES  NO  BUBBLE DIAMETERS: N/A  
EQUIPMENT BLANK TURNED IN WITH THIS SAMPLE? YES  NO  ID:  
NO QC BOTTLES

CUSTODY RECORD:  
PERSONNEL: Sevin Bilir /ck SIGNATURE: [Signature] DATE/TIME: 10/27/09

TOTAL NUMBER OF BOTTLES THIS SET: 10

KING COUNTY  
SOLID WASTE DIVISION

VASW-1 (43)

KCSWD VASHON LF  
ID SVS4100129-

VASHON-1 SURFACE WATER FIELD RECORD  
Date 01/29/2010  
Sampler SB

used for Seeps SW-S2, SW-S4, SW-S5, SW-S6

FIELD SAMPLING DATA

Station: SW-S4  
Date/Time: 01 / 29 / 2010 14:17  
Weather: overcast  
Location: - 60 ft N of dry ridge at  
focused seepage area

**COPY**

SAMPLE ID # SVS4100129-

SAMPLE TYPE	DATE TIME	METHOD	VOLUME (mL)	CONTAINER TYPE	FIELD	ICED
					FILTERED (YES/NO)	PRESERVATIVE
TSS		Peristaltic pump with cleaned tubing	500	WM HDPE	NO	NONE YES
COND/ALK	01/29/2010		500	WM HDPE	NO	NONE YES
TDS/TOTS			500	WM HDPE	NO	NONE YES
NH <sub>3</sub> /NO <sub>3</sub>			250	WM HDPE	NO	NONE YES
CL/SO <sub>4</sub>			125	NM HDPE	NO	NONE YES
TOC	15:15		2,40	AMBER GLASS	NO	H <sub>3</sub> PO <sub>4</sub> YES
Metals, t			500	Acid Washed HDPE	NO	NONE YES
METALS, d			500	Acid Washed HDPE	YES	NONE YES
VOA			4,40	GLASS	NO	HCl YES

FILTER DISS METALS & PUT TOTAL AND DISSOLVED METALS INTO CORRECT BOTTLES

FIELD WATER QUALITY PARAMETERS

INSTR. #	TURB STD USED: 5.36				METER READING: 55.9		
	1562	3140044	3140044	3140044	1562		1
SAMPLE	SPEC COND (umhos/cm)	pH VALUE	REDOX mV	TEMPERATURE (°C)	DISSOLVED OXYGEN (mg/L)	TURBIDITY NTU	TIME
Peristaltic pump w/ cleaned tubing	530	7.18	X	10.0	4.4	63.1	14:20

SAMPLE IS TAKEN AT SURFACE WATER / GROUNDWATER INTERFACE.

NOTES:  
INSTRUMENTS CALIBRATED PRIOR TO USE? YES  NO  BUFFERS: (4, 7, 10) No on conductivity  
3 VTRPs TURNED IN? YES  NO  ID: VTRP1001 DATE:  
BUBBLES? YES  NO  BUBBLE DIAMETERS: N/A  
EQUIPMENT BLANK TURNED IN WITH THIS SAMPLE? YES  NO  ID:  
NO QC BOTTLES

CUSTODY RECORD:  
PERSONNEL: Sevin Bilir SIGNATURE: [Signature] DATE/TIME: 01/29/10 15:20



KING COUNTY  
SOLID WASTE DIVISION

VASW-1 (43)

VASHON-1 SURFACE WATER FIELD RECORD

used for Seeps SW-S2, SW-S4, SW-S5, SW-S6

FIELD SAMPLING DATA

Station: SW-S4  
Date/Time: 04/14/2010 9:30  
Weather: clear, 50°F  
Location: ~ 60 ft N of dry ridge at focused seepage area

SAMPLE ID # SVS4100414

SAMPLE TYPE	DATE TIME	METHOD	VOLUME (mL)	CONTAINER TYPE	FIELD		ICED
					FILTERED (YES/NO)	PRESERVATIVE	
TSS		Peristaltic pump with cleaned tubing	1000(500)	WM HDPE	NO	NONE	YES
COND/ALK	04/		500(200)	WM HDPE	NO	NONE	YES
TDS/TOTS	14/		300(300)	WM HDPE	NO	NONE	YES
NH <sub>3</sub> /NO <sub>3</sub>	2010		250(100)	WM HDPE	NO	NONE	YES
CL/SO <sub>4</sub>			125(100)	NM HDPE	NO	NONE	YES
TOC	10:00		2,40 (30)	AMBER GLASS	NO	H <sub>3</sub> PO <sub>4</sub>	YES
Metals, t			500(200)	Acid Washed HDPE	NO	NONE	YES
METALS, d			500(50)	Acid Washed HDPE	YES	NONE	YES
VOA			4,40 (2,40)	GLASS	NO	HCl	YES

FIELD WATER QUALITY PARAMETERS

SAMPLE	SPEC COND (umhos/cm)	pH VALUE	TEMPERATURE (°C)	DISSOLVED OXYGEN (mg/L)	TURBIDITY NTU	TIME

SAMPLE IS TAKEN AT SURFACE WATER / GROUNDWATER INTERFACE.

NOTES:

INSTRUMENTS CALIBRATED PRIOR TO USE? YES  NO  BUFFERS: (4, 7) 10  
3 VTRPs TURNED IN? YES  NO  ID: VTRP100414R DATE: 4/12/10  
BUBBLES? YES  NO  BUBBLE DIAMETERS: 1 @ 3mm  
EQUIPMENT BLANK TURNED IN WITH THIS SAMPLE? YES  NO  ID: NO QC BOTTLES

CUSTODY RECORD:

PERSONNEL: Sevin Billir SIGNATURE: [Signature] DATE/TIME: 04/14/10  
TOTAL NUMBER OF BOTTLES THIS SET: 13 + 3

KCSWD VASHON LF  
ID SVS4100414-

Date 04/14/2010

Sampler SB

COPY

KCSWD VASHON LF

ID VTRP100414R

Sampler SB

KING COUNTY  
SOLID WASTE DIVISION

VASW-1 (43)

VASHON-1 SURFACE WATER FIELD RECORD

KCSWD VASHON LF

ID SVS41008 11

Date 08/11/2010

Sampler SB

FIELD SAMPLING DATA

(used for Seeps SW-S2, SW-S4, SW-S5, SW-S6)

Station: SW-S4  
Date/Time: 08/11/2010 1145  
Weather: 20's, clear  
Location: ~ 60 ft N of dry ridge at focused seepage area

SAMPLING DATA

SAMPLE ID # SVS4100811 -

SAMPLE TYPE	DATE TIME	METHOD	VOLUME (mL)	CONTAINER TYPE	FIELD		ICED
					FILTERED (YES/NO)	PRESERVATIVE	
TSS	8/	Peristaltic pump with cleaned tubing	1000(500)	WM HDPE	NO	NONE	YES
COND/ALK	2010		500(200)	WM HDPE	NO	NONE	YES
TDS/TOTS			500(300)	WM HDPE	NO	NONE	YES
NH <sub>3</sub> /NO <sub>3</sub>	11:50		250(100)	WM HDPE	NO	NONE	YES
CL/SO <sub>4</sub>			125(100)	NM HDPE	NO	NONE	YES
TOC			2,40 (30)	AMBER GLASS	NO	H <sub>3</sub> PO <sub>4</sub>	YES
METALS, t			500(200)	Acid Washed HDPE	NO	NONE	YES
METALS, d			500(50)	Acid Washed HDPE	YES	NONE	YES
VOA			4,40 (2,40)	GLASS	NO	HCl	YES

PLEASE REMEMBER TO FILTER THE DISS METALS AND MAKE SURE THE TOTAL AND DISSOLVED METALS GO INTO THE CORRECT BOTTLES.

FIELD WATER QUALITY PARAMETERS

SAMPLE	SPEC COND (umhos/cm)	pH VALUE	TEMPERATURE (°C)	DISSOLVED OXYGEN (mg/L)	TURBIDITY NTU	TIME

NOTES:

INSTRUMENTS CALIBRATED PRIOR TO USE? YES  NO  BUFFERS: (4, 7) 10  
3 VTRPs TURNED IN? YES  NO  ID: VTRP1008 DATE: 8/11/10  
BUBBLES? YES  NO  BUBBLE DIAMETERS: N/A  
NO QC BOTTLES

CUSTODY RECORD:

PERSONNEL: Sevin Billir SIGNATURE: [Signature] DATE/TIME: 8/11/10 12:25  
TOTAL NUMBER OF BOTTLES THIS SET: 13 ✓

KING COUNTY  
SOLID WASTE DIVISION

# VASW-1 (43)

KCSWD VASHON LF  
ID SVS41011 02  
Date 11/02/2010

## VASHON-1 SURFACE WATER FIELD RECORD Sampler SB

### FIELD SAMPLING DATA (used for Seeps SW-S2, SW-S4, SW-S5, SW-S6)

Station: SW-S4  
Date/Time: 11/02/2010 11:30  
Weather: pty cloudy, 60°F  
Location: ~60 ft N of dry ridge at focused seepage area

### SAMPLING DATA

SAMPLE ID #	DATE	TIME	METHOD	VOLUME (mL)	CONTAINER TYPE	FIELD FILTERED (YES/NO)	PRESERVATIVE	ICED YES/NO
SVS41011 02-	11/02/2010	11:40	Peristaltic pump with cleaned tubing	1000 (500)	WM HDPE	NO	NONE	YES
				500 (200)	WM HDPE	NO	NONE	YES
				500 (300)	WM HDPE	NO	NONE	YES
				250 (100)	WM HDPE	NO	NONE	YES
				125 (100)	NM HDPE	NO	NONE	YES
				2,40 (30)	AMBER GLASS	NO	H <sub>3</sub> PO <sub>4</sub>	YES
				500 (200)	Acid Washed HDPE	NO	NONE	YES
				500 (50)	Acid Washed HDPE	YES	NONE	YES
				1,40 (2,40)	GLASS	NO	HCl	YES

PLEASE REMEMBER TO FILTER THE DISS METALS AND MAKE SURE THE TOTAL AND DISSOLVED METALS GO INTO THE CORRECT BOTTLES.

### FIELD WATER QUALITY PARAMETERS

INSTR. #	1562	3140044	3140044	SWD	1
SAMPLE	1	1	1	1	1
SPEC COND (umhos/cm)	754				
pH VALUE	6.69				
TEMPERATURE (°C)	11.3				
DISSOLVED OXYGEN (mg/L)	1.53				
TURBIDITY NTU	3.81				
TIME	11:35				

NOTES:  
INSTRUMENTS CALIBRATED PRIOR TO USE? YES  NO   
3 VTRPs TURNED IN? YES  NO  VTRP1008  
BUBBLES? YES  NO  BUBBLE DIAMETERS:  
NO QC BOTTLES

### CUSTODY RECORD:

PERSONNEL: SBILIR  
SIGNATURE: *SB*  
DATE/TIME: 11/02/2010 13:00  
TOTAL NUMBER OF BOTTLES THIS SET: 13

KING COUNTY  
SOLID WASTE DIVISION

# VASW-1 (43)

KC VASHON LF  
ID SVS5070510-  
DATE 05/10/07  
TIME 12:20  
SAMPLER SB

## VASHON-1 SURFACE WATER SAMPLING FIELD RECORD used for Seeps SS-1, SS-2, SS-3, SS-4, SS-5, and SS-6

### FIELD SAMPLING DATA

Station: SS-6  
Date/Time: 05/10/07 12:10  
Weather: clear, warm  
Location Description: ~80ft S of dry ridge @ focused seepage area

*copy*

### SAMPLE ID # SVS507 0510 -

SAMPLE TYPE	DATE TIME	METHOD	VOLUME (mL)	CONTAINER TYPE	FIELD FILTERED (YES/NO)	PRES.	ICED YES/NO
TSS/TS	05/10/07	Peristaltic Pump w/ clean tubing	1000	blue HDPE	NO	NONE	YES
METALS, D	10/1		500	Red HDPE	YES	HNO <sub>3</sub>	YES
PHYS	2007		1000	blue HDPE	NO	NONE	YES
TOC			2,40	gray GLASS	NO	H <sub>3</sub> PO <sub>4</sub>	YES
COD/NH3	12:20		500	yellow HDPE	NO	H <sub>2</sub> SO <sub>4</sub>	YES
VOA			6@40	green GLASS	NO	HCl	YES

### FIELD WATER QUALITY PARAMETERS

INSTRUMENT NO.	4	1	1	2	3		
SAMPLE	SPECIFIC COND (umhos/cm)	pH VALUE	REDOX mV	TEMP (°C)	DISSOLVED OXYGEN (mg/L)	TURBIDITY NTU	TIME
	319	7.08	-4.6	10.5	2.86	6.17	12:40

NOTES:  
INSTRUMENTS CALIBRATED PRIOR TO USE? YES  NO  TIME: 07:15  
#1) pH meter (pH, Redox, Temp) SN# 14768 #3) Turbiditymeter # 1  
standards used 7.10, 0.1 readings 7.9, 5.7 standard used 5.36 reading 5.62  
#2) Dissolved Oxygen Meter SN# 4600 #4) Conductivity Meter SN# 1562  
3 VOA TRIP BLANKS TURNED IN WITH THIS SAMPLE? YES  NO   
VTRP VTRP BUBBLES? YES  NO  BUBBLES: DATE:  
MS/MD BOTTLES TURNED IN? YES  NO

### SAMPLE IS TAKEN AT SURFACE WATER/ GROUNDWATER INTERFACE.

### CUSTODY RECORD:

PERSONNEL: Sewin Bilir  
SIGNATURE: *SB*  
TOTAL NUMBER OF BOTTLES THIS SET: 12

# VASW-1 (43)

KING COUNTY  
SOLID WASTE DIVISION

## VASHON-1 SURFACE WATER SAMPLING FIELD RECORD

used for Seeps SW-S1, SW-S2, SW-S3, SW-S4, SW-S5, SW-S6 & 24S

KCSW VASHON LF  
ID SVS50708 16 -  
DATE 08/16/2007  
TIME 12:30  
Sampler SB

### FIELD SAMPLING DATA

Station: SW-S5  
Date/Time: 08/16/2007  
Weather: ptly sunny, cool  
Location Description: -80ft S of dry ridge @  
focused seepage area

*COPY*

KCSW VASHON LF  
ID VTRP070816R  
DATE 08/16/07  
TIME 12:30  
Sampler SB

SAMPLE ID # SVS50708 16 -

SAMPLE TYPE	DATE TIME	METHOD	VOLUME (mL)	CONTAINER TYPE	FIELD FILTERED (YES,NO)	PRES.	ICED YES/NO
TSS/TS	08/16	Peristaltic Pump w clean tubing	1000	blue HDPE	NO	NONE	YES
METALS, D	16/1		500	Red HDPE	YES	HNO <sub>3</sub>	YES
PHYS	2007		1000	blue HDPE	NO	NONE	YES
TOC			2,40	gray GLASS	NO	H <sub>3</sub> PO <sub>4</sub>	YES
COD/NH3	12:30		500	yellow HDPE	NO	H <sub>2</sub> SO <sub>4</sub>	YES
VOA			6@40	green GLASS	NO	HCl	YES

### FIELD WATER QUALITY PARAMETERS

INSTRUMENT NO.	4	1	1	1	2	3	
	SPECIFIC COND (umhos/cm)	pH VALUE	REDOX mV	TEMP (°C)	DISSOLVED OXYGEN (mg/L)	TURBIDITY NTU	TIME
	259	6.95	3.0	12.3	0.61	6.57	1225

#### NOTES:

INSTRUMENTS CALIBRATED PRIOR TO USE? YES  NO  TIME: 10:00  
 #1) pH meter (pH, Redox, Temp) SN# 14768 standards used 4 & 7 readings 4.01/7.01 #3) Turbidimeter # 1 standard used 52.4 reading 53.9  
 #2) Dissolved Oxygen Meter SN# 4600 #4) Conductivity Meter SN# 1562 1413/1416  
 3 VOA TRIP BLANKS TURNED IN WITH THIS SAMPLE? YES  NO   
 VTRP ID 070816R VTRP BUBBLES? YES  NO  BUBBLES: 1 @ 4mm DATE: 8/16/07  
 MS/MD BOTTLES TURNED IN? YES  NO

SAMPLE IS TAKEN AT SURFACE WATER/ GROUNDWATER INTERFACE.

#### CUSTODY RECORD:

PERSONNEL

S Bilir

SIGNATURE

[Signature]

TOTAL NUMBER OF BOTTLES THIS SET

12

# VASW-1 (43)

KING COUNTY  
SOLID WASTE DIVISION

## VASHON-1 SURFACE WATER SAMPLING FIELD RECORD

used for Seeps SW-S1, SW-S2, SW-S3, SW-S4, SW-S5, SW-S6

KCSW VASHON LF  
ID SVS5071101 -  
DATE 11/01/07  
145  
Sampler SB

### FIELD SAMPLING DATA

Station: SW-S5  
Date/Time: 11/01/2007  
Weather: cool, partly cloudy  
Location Description: -80ft S of dry ridge @  
focused seepage area

*COPY*

SAMPLE ID # SVS5071101 -

SAMPLE TYPE	DATE TIME	METHOD	VOLUME (mL)	CONTAINER TYPE	FIELD FILTERED (YES,NO)	PRES.	ICED YES/NO
TSS/TS	11/01	Peristaltic Pump w clean tubing	1000	blue HDPE	NO	NONE	YES
METALS, D	01/1		500	Red HDPE	YES	HNO <sub>3</sub>	YES
PHYS	2007		1000	blue HDPE	NO	NONE	YES
TOC			2,40	gray GLASS	NO	H <sub>3</sub> PO <sub>4</sub>	YES
COD/NH3	12:15		500	yellow HDPE	NO	H <sub>2</sub> SO <sub>4</sub>	YES
VOA			6@40	green GLASS	NO	HCl	YES

### FIELD WATER QUALITY PARAMETERS

INSTRUMENT NO.	4	1	1	1	2	3	
	SPECIFIC COND (umhos/cm)	pH VALUE	REDOX mV	TEMP (°C)	DISSOLVED OXYGEN (mg/L)	TURBIDITY NTU	TIME
	392	7.09	-5.0	9.7	3.88	34.1	1200

#### NOTES:

INSTRUMENTS CALIBRATED PRIOR TO USE? YES  NO  TIME:  
 #1) pH meter (pH, Redox, Temp) SN# 14768 standards used 4 & 7 readings #3) Turbidimeter # 1 standard used 52.4 reading 56.8  
 #2) Dissolved Oxygen Meter SN# 4600 #4) Conductivity Meter SN# 1562 1413/1422  
 3 VOA TRIP BLANKS TURNED IN WITH THIS SAMPLE? YES  NO   
 VTRP VTRP BUBBLES? YES  NO  BUBBLES: DATE:  
 MS/MD BOTTLES TURNED IN? YES  NO

SAMPLE IS TAKEN AT SURFACE WATER/ GROUNDWATER INTERFACE.

#### CUSTODY RECORD:

PERSONNEL

SIGNATURE

[Signature]

TOTAL NUMBER OF BOTTLES THIS SET

12



# VASW-1 (43)

KING COUNTY  
SOLID WASTE DIVISION

KCSW VASHON LF  
ID SVS5071218-  
DATE 12/18/2007

## VASHON-1 SURFACE WATER SAMPLING FIELD RECORD

used for Seeps SW-S1, SW-S2, SW-S3, SW-S4, SW-S5, SW-S6

### FIELD SAMPLING DATA

Station: SW-S5  
Date/Time: 12/18/2007 1200  
Weather: Raining, 50°S  
Location Description: ~80ft S of dry ridge @  
focused seepage area

KCSW VASHON LF  
ID VTRP071218R  
DATE 12/18/2007

Sampler SB

SAMPLE ID # SVS5071218

SAMPLE TYPE	DATE TIME	METHOD	VOLUME (mL)	CONTAINER TYPE	FIELD FILTERED (YES/NO)	PRES.	ICED YES/NO
TSS/TS	12/18	Peristaltic Pump w/ clean tubing	1000	blue HDPE	NO	NONE	YES
METALS, D	18/1		500	Red HDPE	YES	HNO <sub>3</sub>	YES
PHYS	2007		1000	blue HDPE	NO	NONE	YES
TOC			2,40	gray GLASS	NO	H <sub>3</sub> PO <sub>4</sub>	YES
COD/NH3	12:00		500	yellow HDPE	NO	H <sub>2</sub> SO <sub>4</sub>	YES
VOA			6@40	green GLASS	NO	HCl	YES

### FIELD WATER QUALITY PARAMETERS

INSTRUMENT NO.	4	1	1	1	2	3	TIME
	SPECIFIC COND (µmhos/cm)	pH VALUE	REDOX mV	TEMP (°C)	DISSOLVED OXYGEN (mg/L)	TURBIDITY NTU	
	407	7.33	-22.7	8.9	3.49	34.1	1155

### NOTES:

INSTRUMENTS CALIBRATED PRIOR TO USE? YES  NO  TIME: 0930  
 #1) pH meter (pH, Redox, Temp) SN# 14768 #3) Turbidimeter # 1  
 standards used 4 & 7 readings 4.0/7 standard used 52.4 reading 54.8  
 #2) Dissolved Oxygen Meter SN# 4600 10.7 #4) Conductivity Meter SN# 1562 1413/1407  
 3 VOA TRIP BLANKS TURNED IN WITH THIS SAMPLE? YES  NO   
 VTRP 071218R VTRP BUBBLES? YES  NO  BUBBLES: DATE:  
 MS/MD BOTTLES TURNED IN? YES  NO

SAMPLE IS TAKEN AT SURFACE WATER/ GROUNDWATER INTERFACE.

### CUSTODY RECORD:

PERSONNEL: SBilir SIGNATURE: [Signature]  
 TOTAL NUMBER OF BOTTLES THIS SET: 12 + 3  
 VTRP

# VASW-1 (43)

KING COUNTY  
SOLID WASTE DIVISION

KCSW VASHON LF  
ID SVS5080313

Date 03/13/2008

Sampler SB

## VASHON-1 SURFACE WATER SAMPLING FIELD RECORD

used for Seeps SW-S1, SW-S2, SW-S3, SW-S4, SW-S5, SW-S6

### FIELD SAMPLING DATA

Station: SW-S5  
Date/Time: 3/13/2008 1045  
Weather: 40°S, cold, raining  
Location Description: ~80ft S of dry ridge @  
focused seepage area

KCSW VASHON LF

ID SVEB080313

Date 03/13/2008

Sampler SB

SAMPLE ID # SVS5080313

SAMPLE TYPE	DATE TIME	METHOD	VOLUME (mL)	CONTAINER TYPE	FIELD FILTERED (YES/NO)	PRES.	ICED YES/NO
TSS/TS	3/13	Peristaltic Pump w/ clean tubing	1000	blue HDPE	NO	NONE	YES ✓
METALS, D			500	Red HDPE	YES	HNO <sub>3</sub>	YES ✓
PHYS	2008		1000	blue HDPE	NO	NONE	YES ✓
TOC			2,40	gray GLASS	NO	H <sub>3</sub> PO <sub>4</sub>	YES ✓
COD/NH3	11:15		500	yellow HDPE	NO	H <sub>2</sub> SO <sub>4</sub>	YES ✓
VOA			6@40	green GLASS	NO	HCl	YES ✓

### FIELD WATER QUALITY PARAMETERS

INSTRUMENT NO.	4	1	1	1	2	3	TIME
	SPECIFIC COND (µmhos/cm)	pH VALUE	REDOX mV	TEMP (°C)	DISSOLVED OXYGEN (mg/L)	TURBIDITY NTU	
SVEB080313-	3.8	6.03	82	10.2	7.62	0.8	1055
SVS5080313-	344	6.98	-3	8.7	4.07	1.31	1110

### NOTES:

INSTRUMENTS CALIBRATED PRIOR TO USE? YES  NO  TIME: 0930  
 #1) pH meter (pH, Redox, Temp) SN# 3140044 #3) Turbidimeter # 1 reading 57.3  
 standards used 4 & 7 readings SLP-57 mv/pH, +/- 5 standard used 52.4 reading 56.7  
 #2) Dissolved Oxygen Meter SN# 4600 101.7 #4) Conductivity Meter SN# 1562 1413/1410  
 3 VOA TRIP BLANKS TURNED IN WITH THIS SAMPLE? YES  NO   
 VTRP VTRP BUBBLES? YES  NO  BUBBLES: DATE:  
 MS/MD BOTTLES TURNED IN? YES  NO

SAMPLE IS TAKEN AT SURFACE WATER/ GROUNDWATER INTERFACE.

### CUSTODY RECORD:

PERSONNEL: BWLR SIGNATURE: [Signature]  
 TOTAL NUMBER OF BOTTLES THIS SET: 12

# VASW-1 (43)

KING COUNTY  
SOLID WASTE DIVISION

## VASHON-1 SURFACE WATER SAMPLING FIELD RECORD

used for Seeps SW-S1, SW-S2, SW-S3, SW-S4, SW-S5, SW-S6

### FIELD SAMPLING DATA

Station: **SW-S5**  
 Date/Time: 7/16/2008 1315  
 Weather: \_\_\_\_\_  
 Location Description: -80ft S of dry ridge @  
focused seepage area

SAMPLE ID # SVS5080716

SAMPLE TYPE	DATE TIME	METHOD	VOLUME (mL)	CONTAINER TYPE	FIELD FILTERED (YES/NO)	PRES.	ICED YES/NO
TSS/TS	7/16	Peristaltic Pump w/ clean tubing	1000	blue HDPE	NO	NONE	YES
METALS, D	16/1		500	Red HDPE	YES	HNO <sub>3</sub>	YES
PHYS	2008		1000	blue HDPE	NO	NONE	YES
TOC			2,40	gray GLASS	NO	H <sub>3</sub> PO <sub>4</sub>	YES
COD/NH3	13:20		500	yellow HDPE	NO	H <sub>2</sub> SO <sub>4</sub>	YES
VOA			6@40	green GLASS	NO	HCl	YES

### FIELD WATER QUALITY PARAMETERS

INSTRUMENT NO.	4	1	1	1	2	3	
	SPECIFIC COND (umhos/cm)	pH VALUE	REDOX mV	TEMP (°C)	DISSOLVED OXYGEN (mg/L)	TURBIDITY NTU	TIME
<i>Peristaltic pump w/clean tubing</i>	350	7.25	-17.7	11.6	3.81	5.87	1315

### NOTES:

INSTRUMENTS CALIBRATED PRIOR TO USE? YES  NO  TIME: 0900

#1) pH meter (pH, Redox, Temp) SN# 03140044 standards used 4 & 7 readings -55.9/-5

#2) Dissolved Oxygen Meter SN# 4600 161.7

#3) Turbidimeter # 1 standard used 5.36 reading 5.88

#4) Conductivity Meter SN# 1562 1413/1416

3 VOA TRIP BLANKS TURNED IN WITH THIS SAMPLE? YES  NO

VTRP VTRP BUBBLES? YES  NO  BUBBLES: DATE:

MS/MD BOTTLES TURNED IN? YES  NO

SAMPLE IS TAKEN AT SURFACE WATER/ GROUNDWATER INTERFACE.

### CUSTODY RECORD:

PERSONNEL: S. Bilir SIGNATURE: [Signature]

TOTAL NUMBER OF BOTTLES THIS SET: 12 ✓

# VASW-1 (43)

KING COUNTY  
SOLID WASTE DIVISION

## VASHON-1 SURFACE WATER SAMPLING FIELD RECORD

used for Seeps SW-S1, SW-S2, SW-S3, SW-S4, SW-S5, SW-S6, SW-24S

### FIELD SAMPLING DATA

Station: **SW-S5**  
 Date/Time: 10/07/2008 1110  
 Weather: ptly cldy, windy, cold 50°F's  
 Location Description: -80ft S of dry ridge @  
focused seepage area

SAMPLE ID # SVS5081007

SAMPLE TYPE	DATE TIME	METHOD	VOLUME (mL)	CONTAINER TYPE	FIELD FILTERED (YES/NO)	PRES.	ICED YES/NO
TSS/TS	10/10	Peristaltic Pump w/ clean tubing	1000	<del>blue</del> HDPE	NO	NONE	YES
METALS, D	07/1		500	Red HDPE	YES	HNO <sub>3</sub>	YES
PHYS	2008		1000	blue HDPE	NO	NONE	YES
TOC			2,40	<del>gray</del> GLASS	NO	H <sub>3</sub> PO <sub>4</sub>	YES
COD/NH3	11:15		500	yellow HDPE	NO	H <sub>2</sub> SO <sub>4</sub>	YES
VOA			6@40	<del>green</del> GLASS	NO	HCl	YES

### FIELD WATER QUALITY PARAMETERS

INSTRUMENT NO.	4	1	1	1	2	3	
	SPECIFIC COND (umhos/cm)	pH VALUE	REDOX mV	TEMP (°C)	DISSOLVED OXYGEN (mg/L)	TURBIDITY NTU	TIME
<i>Peristaltic pump w/clean tubing</i>	346	7.62	-39.8	10.9	5.31	4.16	1110

### NOTES:

INSTRUMENTS CALIBRATED PRIOR TO USE? YES  NO  TIME: 0935

#1) pH meter (pH, Redox, Temp) SN# 03140044 standards used 4 & 7 readings -95.4/-8

#2) Dissolved Oxygen Meter SN# 4600 101.7

#3) Turbidimeter # 1 standard used 52.4 reading 56.9

#4) Conductivity Meter SN# 1562 1413/1423 0.99

3 VOA TRIP BLANKS TURNED IN WITH THIS SAMPLE? YES  NO

VTRP VTRP BUBBLES? YES  NO  BUBBLES: DATE:

MS/MD BOTTLES TURNED IN? YES  NO

SAMPLE IS TAKEN AT SURFACE WATER/ GROUNDWATER INTERFACE.

### CUSTODY RECORD:

PERSONNEL: S. Bilir SIGNATURE: [Signature] DATE/TIME: 10/07/08 11:30

TOTAL NUMBER OF BOTTLES THIS SET: 12 ✓

# VASW-1 (43)

KING COUNTY  
SOLID WASTE DIVISION

VASHON-1 SURFACE WATER SAMPLING FIELD RECORD  
used for Seeps SW-S1, SW-S2, SW-S3, SW-S4, SW-S5, SW-S6, SW-24S

KCSWD VASHON LF  
ID SVS5090107-  
Date 01/07/2009  
Sampler SB

## FIELD SAMPLING DATA

Station: **SW-S5**  
Date/Time: 01/07/2009  
Weather: rainy, 50's, overcast  
Location Description: -80ft S of dry ridge @  
focused seepage area

COPY

SAMPLE ID # **SVS5090107-**

SAMPLE TYPE	DATE TIME	METHOD	VOLUME (mL)	CONTAINER TYPE	FIELD FILTERED (YES/NO)	PRES.	ICED YES/NO
TSS/TS	01/07/2009	Peristaltic Pump w/ clean tubing	1000	blue HDPE	NO	NONE	YES
METALS, D	07/1		500	Red HDPE	YES	HNO <sub>3</sub>	YES
PHYS	2009		1000	blue HDPE	NO	NONE	YES
TOC			2,40	gray GLASS	NO	H <sub>2</sub> PO <sub>4</sub>	YES
COD/NH3	12:30		500	yellow HDPE	NO	H <sub>2</sub> SO <sub>4</sub>	YES
VOA			6@40	green GLASS	NO	HCl	YES

## FIELD WATER QUALITY PARAMETERS

INSTRUMENT NO.	4	1	1	1	2	3	TIME
	SPECIFIC COND (umhos/cm)	pH VALUE	REDOX mV	TEMP (°C)	DISSOLVED OXYGEN (mg/L)	TURBIDITY NTU	
Peristaltic Pump w/ clean tubing	363	7.43	-29.8	9.8	6.55	2.34	1215

### NOTES:

INSTRUMENTS CALIBRATED PRIOR TO USE? YES  NO  TIME: 1000

#1) pH meter (pH, Redox, Temp) SN# 03140044 #3) Turbidimeter # 1  
standards used 4 & 7 readings -54.9 standard used 52.4 reading 54.8

#2) Dissolved Oxygen Meter SN# 4600 10.7 #4) Conductivity Meter SN# 1562 1413/1453

3 VOA TRIP BLANKS TURNED IN WITH THIS SAMPLE? YES  NO

VTRP VTRP BUBBLES? YES  NO  BUBBLES: DATE:

MS/MD BOTTLES TURNED IN? YES  NO

EQUIPMENT BLANK TURNED IN WITH THIS SAMPLE? YES  NO

SAMPLE IS TAKEN AT SURFACE WATER/ GROUNDWATER INTERFACE.

### CUSTODY RECORD:

PERSONNEL: S. Billr  
SIGNATURE: [Signature]  
DATE/TIME: 01/07/2009 1245

TOTAL NUMBER OF BOTTLES THIS SET: 11

# VASW-1 (43)

KING COUNTY  
SOLID WASTE DIVISION

VASHON-1 SURFACE WATER SAMPLING FIELD RECORD  
used for Seeps SW-S1, SW-S2, SW-S3, SW-S4, SW-S5, SW-S6, SW-24S

Pl: KCSWD VASHON LF  
ID SVS5090324-  
Date 03/24/2009  
Sampler SB

## FIELD SAMPLING DATA

Station: **SW-S5**  
Date/Time: 03/24/2009 1145  
Weather: cool, overcast, windy  
Location Description: -80ft S of dry ridge @  
focused seepage area

COPY

SAMPLE ID # **SVS5090324-**

SAMPLE TYPE	DATE TIME	METHOD	VOLUME (mL)	CONTAINER TYPE	FIELD FILTERED (YES/NO)	PRES.	ICED YES/NO
TSS/TS	03/24/2009	Peristaltic Pump w/ clean tubing	1000	blue HDPE	NO	NONE	YES
METALS, D	24/1		500	Red HDPE	YES	HNO <sub>3</sub>	YES
PHYS	2009		1000	blue HDPE	NO	NONE	YES
TOC			2,40	gray GLASS	NO	H <sub>3</sub> PO <sub>4</sub>	YES
COD/NH3	11:50		500	yellow HDPE	NO	H <sub>2</sub> SO <sub>4</sub>	YES
VOA			6@40	green GLASS	NO	HCl	YES

## FIELD WATER QUALITY PARAMETERS

INSTRUMENT NO.	4	1	1	1	2	3	TIME
	SPECIFIC COND (umhos/cm)	pH VALUE	REDOX mV	TEMP (°C)	DISSOLVED OXYGEN (mg/L)	TURBIDITY NTU	
Peristaltic Pump w/ clean tubing	361	7.46	-28.8	8.6	4.92	3.59	1155

### NOTES:

INSTRUMENTS CALIBRATED PRIOR TO USE? YES  NO  TIME: 1100

#1) pH meter (pH, Redox, Temp) SN# 03140044 #3) Turbidimeter # 1  
standards used 4 & 7 readings -55.4/-6 standard used 52.4 reading 55

#2) Dissolved Oxygen Meter SN# 4600 10.7 #4) Conductivity Meter SN# 1562 1413/1408

3 VOA TRIP BLANKS TURNED IN WITH THIS SAMPLE? YES  NO

VTRP VTRP BUBBLES? YES  NO  BUBBLES: DATE:

MS/MD BOTTLES TURNED IN? YES  NO

EQUIPMENT BLANK TURNED IN WITH THIS SAMPLE? YES  NO

SAMPLE IS TAKEN AT SURFACE WATER/ GROUNDWATER INTERFACE.

### CUSTODY RECORD:

PERSONNEL: S. Billr  
SIGNATURE: [Signature]  
DATE/TIME: 3/24/2009 1155

TOTAL NUMBER OF BOTTLES THIS SET: 12

Cave to slow recovery only collected in 1000 HDPE bottle



# VASW-1 (43)

## VASHON-1 SURFACE WATER FIELD RECORD

used for Seeps SW-S2, SW-S4, SW-S5, SW-S6

### FIELD SAMPLING DATA

Station: SW-S5  
Date/Time: 07 / 16 / 2009 1100  
Weather: Clear, 160-70's  
Location: ~80ft S of dry ridge at focused seepage area

KCSWD VASHON LF  
ID VTRP090716R  
Date 07/16/2009  
Sampler SB

SAMPLE ID # SVS5090716-

SAMPLE TYPE	DATE TIME	METHOD	VOLUME (mL)	CONTAINER TYPE	FIELD FILTERED		ICED YES NO
					(YES, NO)	PRESERVATIVE	
TSS		Peristaltic pump with cleaned tubing	1000	✓ WM HDPE	NO	NONE	YES
COND/pH/ALK	07/		500	✓ WM HDPE	NO	NONE	YES
TDS/TOTS	16 /		500	✓ WM HDPE	NO	NONE	YES
NH <sub>3</sub> /NO <sub>2</sub>	2009		250	✓ WM HDPE	NO	NONE	YES
CL/SO <sub>4</sub>			125	✓ NM HDPE	NO	NONE	YES
TOC	11:05		2,40	✓ AMBER GLASS	NO	H <sub>3</sub> PO <sub>4</sub>	YES
METALS, d			500	✓ Acid Washed HDPE	YES	NONE	YES
VOA		4,40	✓ GLASS	NO	HCl	YES	

LABEL THE DISSOLVED METALS BOTTLE "FIELD FILTERED" ✓

### FIELD WATER QUALITY PARAMETERS

INSTR. #	1562	3140044	3140044	3140044	4600	TURB STD USED: 5.36	METER READING: 6.08
SAMPLE	SPEC COND (µmhos/cm)	pH VALUE	REDOX mV	TEMPERATURE (°C)	DISSOLVED OXYGEN (mg/L)	TURBIDITY NTU	TIME
Peristaltic pump w/ cleaned tubing	349	6.9	2.0	12.8	4.24	1.67	1045

Peristaltic pump w/ cleaned tubing

SAMPLE IS TAKEN AT SURFACE WATER / GROUNDWATER INTERFACE.

### NOTES:

INSTRUMENTS CALIBRATED PRIOR TO USE? YES  NO  BUFFERS: (4, 7, 10)

3 VTRPs TURNED IN? YES  NO  ID: VTRP090716R DATE: 7/9/09

BUBBLES? YES  NO  BUBBLE DIAMETERS: 3, 3, 4 mm

EQUIPMENT BLANK TURNED IN WITH THIS SAMPLE? YES  NO  ID: NO QC BOTTLES

### CUSTODY RECORD:

PERSONNEL  
Sevin Bilir

SIGNATURE

DATE/TIME

7/16/09  
11:40

TOTAL NUMBER OF BOTTLES THIS SET

12 + 3 VTRP

# VASW-1 (43)

## VASHON-1 SURFACE WATER FIELD RECORD

used for Seeps SW-S2, SW-S4, SW-S5, SW-S6

### FIELD SAMPLING DATA

Station: SW-S5  
Date/Time: 10 / 22 / 2009 1045  
Weather: overcast 50's / partly cloudy  
Location: ~80ft S of dry ridge at focused seepage area

KCSWD VASHON LF  
ID SVS5091027-  
Date 10/27/2009  
Sampler SB

SAMPLE ID # SVS5091027-

SAMPLE TYPE	DATE TIME	METHOD	VOLUME (mL)	CONTAINER TYPE	FIELD FILTERED		ICED YES NO
					(YES, NO)	PRESERVATIVE	
TSS		Peristaltic pump with cleaned tubing	1000	✓ WM HDPE	NO	NONE	YES
COND/pH/ALK	10/		500	✓ WM HDPE	NO	NONE	YES
TDS/TOTS	27 /		500	✓ WM HDPE	NO	NONE	YES
NH <sub>3</sub> /NO <sub>2</sub>	2009		250	✓ WM HDPE	NO	NONE	YES
CL/SO <sub>4</sub>			125	✓ NM HDPE	NO	NONE	YES
TOC	10:50		2,40	✓ AMBER GLASS	NO	H <sub>3</sub> PO <sub>4</sub>	YES
METALS, d			500	✓ Acid Washed HDPE	YES	NONE	YES
VOA		4,40	✓ GLASS	NO	HCl	YES	

LABEL THE DISSOLVED METALS BOTTLE "FIELD FILTERED"

### FIELD WATER QUALITY PARAMETERS

INSTR. #	1562	3140044	3140044	3140044	4600	TURB STD USED: 5.36	METER READING: 6.02
SAMPLE	SPEC COND (µmhos/cm)	pH VALUE	REDOX mV	TEMPERATURE (°C)	DISSOLVED OXYGEN (mg/L)	TURBIDITY NTU	TIME
Peristaltic pump w/ cleaned tubing	220	7.2	-13.1	9.4	4.18	2.28	1047

Peristaltic pump w/ cleaned tubing

SAMPLE IS TAKEN AT SURFACE WATER / GROUNDWATER INTERFACE.

### NOTES:

INSTRUMENTS CALIBRATED PRIOR TO USE? YES  NO  BUFFERS: (4, 7, 10)

3 VTRPs TURNED IN? YES  NO  ID: VTRP0910 DATE:

BUBBLES? YES  NO  BUBBLE DIAMETERS: N/A

EQUIPMENT BLANK TURNED IN WITH THIS SAMPLE? YES  NO  ID: NO QC BOTTLES

### CUSTODY RECORD:

PERSONNEL  
Sevin Bilir

SIGNATURE

DATE/TIME

10/27/09  
11:00

TOTAL NUMBER OF BOTTLES THIS SET

12

KING COUNTY  
SOLID WASTE DIVISION

# VASW-1 (43)

## VASHON-1 SURFACE WATER FIELD RECORD

used for Seeps SW-S2, SW-S4, SW-S5, SW-S6

KCSWD VASHON LF

ID SVS5100129-

Date 01/29/2010

Sampler SB

### FIELD SAMPLING DATA

Station: SW-S5  
Date/Time: 01/29/2010 1335  
Weather: overcast  
Location: -80ft S of dry ridge at focused seepage area

COPY

SAMPLE ID #	DATE	VOLUME	CONTAINER	FIELD FILTERED	ICED
TYPE	TIME	(mL)	TYPE	(YES/NO)	YES/NO
TSS		✓ 1000	WM HDPE	NO	YES
COND/ALK	01/	✓ 500	WM HDPE	NO	YES
TDS/TOTS	29/	✓ 500	WM HDPE	NO	YES
NH <sub>3</sub> /NO <sub>3</sub>	2010	✓ 250	WM HDPE	NO	YES
CL/SO <sub>4</sub>		✓ 125	NM HDPE	NO	YES
TOC	13:45	✓ 2,40	AMBER GLASS	NO	YES
Metals, t		✓ 500	Acid Washed HDPE	NO	YES
METALS, d		✓ 500	Acid Washed HDPE	✓ YES	YES
VOA		✓ 4,40	GLASS	NO	YES

Peristaltic pump with cleaned tubing

✓ FILTER DISS METALS & PUT TOTAL AND DISSOLVED METALS INTO CORRECT BOTTLES

### FIELD WATER QUALITY PARAMETERS

INSTR. #	SPEC COND	PH	TEMPERATURE	DISSOLVED OXYGEN	TURBIDITY
SAMPLE	(µmhos/cm)	VALUE	(°C)	(mg/L)	NTU
1562	3140044	7.2	9.6	5.08	1.26
140044	1562				1340

TURB STD USED: 62.4  
METER READING: 55.5

NOTES: INSTRUMENTS CALIBRATED PRIOR TO USE? YES  NO  BUFFERS: (4, 7, 10) No. on conductivity

3 VTRs TURNED IN? YES  NO  ID: VTRP0910 DATE: N/A  
BUBBLES? YES  NO  BUBBLE DIAMETERS: N/A  
EQUIPMENT BLANK TURNED IN WITH THIS SAMPLE? YES  NO  ID: N/A  
NO QC BOTTLES

CUSTODY RECORD:  
PERSONNEL: Sevin Bilir SIGNATURE: [Signature] DATE/TIME: 01/29/10 14:00

KING COUNTY  
SOLID WASTE DIVISION

# VASW-1 (43)

## VASHON-1 SURFACE WATER FIELD RECORD

used for Seeps SW-S2, SW-S4, SW-S5, SW-S6

KCSWD VASHON LF  
ID SVS5100414-

Date 04/14/2010

Sampler SB

### FIELD SAMPLING DATA

Station: SW-S5  
Date/Time: 04/14/2010 1020  
Weather: clear, 50°F  
Location: -80ft S of dry ridge at focused seepage area

COPY

SAMPLE ID #	DATE	VOLUME	CONTAINER	FIELD FILTERED	ICED
TYPE	TIME	(mL)	TYPE	(YES/NO)	YES/NO
TSS		1000 (500)	WM HDPE	NO	YES
COND/ALK	04/	500 (200)	WM HDPE	NO	YES
TDS/TOTS	14/	500 (300)	WM HDPE	NO	YES
NH <sub>3</sub> /NO <sub>3</sub>	2010	250 (100)	WM HDPE	NO	YES
CL/SO <sub>4</sub>		125 (100)	NM HDPE	NO	YES
TOC	10:25	2,40 (30)	AMBER GLASS	NO	YES
Metals, t		500 (200)	Acid Washed HDPE	NO	YES
METALS, d		500 (50)	Acid Washed HDPE	YES	YES
VOA		4,40 (2,40)	GLASS	NO	YES

Peristaltic pump with cleaned tubing

✓ FILTER DISS METALS & PUT TOTAL AND DISSOLVED METALS INTO CORRECT BOTTLES

### FIELD WATER QUALITY PARAMETERS

INSTR. #	SPEC COND	PH	TEMPERATURE	DISSOLVED OXYGEN	TURBIDITY
SAMPLE	(µmhos/cm)	VALUE	(°C)	(mg/L)	NTU
360	635	9.5	2.2	1.23	1020

TURB STD USED: 52.4  
METER READING: 50.7

SAMPLE IS TAKEN AT SURFACE WATER / GROUNDWATER INTERFACE.

NOTES: INSTRUMENTS CALIBRATED PRIOR TO USE? YES  NO  BUFFERS: (4, 7, 10)

3 VTRs TURNED IN? YES  NO  ID: VTRP1004 DATE: N/A  
BUBBLES? YES  NO  BUBBLE DIAMETERS: N/A  
EQUIPMENT BLANK TURNED IN WITH THIS SAMPLE? YES  NO  ID: N/A  
NO QC BOTTLES

CUSTODY RECORD:  
PERSONNEL: Sevin Bilir SIGNATURE: [Signature] DATE/TIME: 04/14/10 10:40  
TOTAL NUMBER OF BOTTLES THIS SET: 13

# VASW-1 (43)

KING COUNTY  
SOLID WASTE DIVISION

## VASHON-1 SURFACE WATER FIELD RECORD

FIELD SAMPLING DATA (used for Seeps SW-S2, SW-S4, SW-S5, SW-S6)

Station: SW-S5  
Date/Time: 08/11/2010 1015  
Weather: 70°F, Clear  
Location: -80ft S of dry ridge at focused seepage area

### SAMPLING DATA

SAMPLE ID # SVS51008 11 -

SAMPLE TYPE	DATE TIME	METHOD	VOLUME (mL)	CONTAINER TYPE	FIELD FILTERED (YES/NO)	PRESERVATIVE	ICED YES/NO
TSS	08/11	Peristaltic pump with cleaned tubing	1000(500)	WM HDPE	NO	NONE	YES
COND/ALK	11/05		500(200)	WM HDPE	NO	NONE	YES
TDS/TOTS	2010		500(300)	WM HDPE	NO	NONE	YES
NH <sub>3</sub> /NO <sub>3</sub>	10:30		250(100)	WM HDPE	NO	NONE	YES
CL/SO <sub>4</sub>			125(100)	NM HDPE	NO	NONE	YES
TOC			2,40 (30)	AMBER GLASS	NO	H <sub>3</sub> PO <sub>4</sub>	YES
METALS, t			500(200)	Acid Washed HDPE	NO	NONE	YES
METALS, d			500(50)	Acid Washed HDPE	YES	NONE	YES
VOA			4,40 (2,40)	GLASS	NO	HCL	YES

PLEASE REMEMBER TO FILTER THE DISS METALS AND MAKE SURE THE TOTAL AND DISSOLVED METALS GO INTO THE CORRECT BOTTLES.

### FIELD WATER QUALITY PARAMETERS

INSTR. #	1562	3140044	3140044	SWD	1	TURB STD USED: 5.36	
SAMPLE	1	COND (umhos/cm)	PH VALUE	TEMPERATURE (°C)	DISSOLVED OXYGEN (mg/L)	TURBIDITY NTU	TIME
		466	6.51	12.9	NM	1.28	1020

NOTES:  
INSTRUMENTS CALIBRATED PRIOR TO USE? YES  NO   
3 VTRPs TURNED IN? YES  NO  DATE: 8/19/10  
BUBBLES? YES  NO  BUBBLE DIAMETERS: 102mm  
NO QC BOTTLES

### CUSTODY RECORD:

PERSONNEL  
SBILIK

SIGNATURE  
[Signature]

DATE/TIME  
8/11/10  
11:15

TOTAL NUMBER OF BOTTLES THIS SET

13 ✓ 3 VTRP

# VASW-1 (43)

KING COUNTY  
SOLID WASTE DIVISION

## VASHON-1 SURFACE WATER FIELD RECORD

FIELD SAMPLING DATA (used for Seeps SW-S2, SW-S4, SW-S5, SW-S6)

Station: SW-S5  
Date/Time: 11/05/2010 1100  
Weather: 60°F, overcast  
Location: -80ft S of dry ridge at focused seepage area

### SAMPLING DATA

SAMPLE ID # SVS5101105 -

SAMPLE TYPE	DATE TIME	METHOD	VOLUME (mL)	CONTAINER TYPE	FIELD FILTERED (YES/NO)	PRESERVATIVE	ICED YES/NO
TSS	11/05	Peristaltic pump with cleaned tubing	1000(500)	WM HDPE	NO	NONE	YES
COND/ALK	05/11		500(200)	WM HDPE	NO	NONE	YES
TDS/TOTS	2010		500(300)	WM HDPE	NO	NONE	YES
NH <sub>3</sub> /NO <sub>3</sub>	11:30		250(100)	WM HDPE	NO	NONE	YES
CL/SO <sub>4</sub>			125(100)	NM HDPE	NO	NONE	YES
TOC			2,40 (30)	AMBER GLASS	NO	H <sub>3</sub> PO <sub>4</sub>	YES
METALS, t			500(200)	Acid Washed HDPE	NO	NONE	YES
METALS, d			500(50)	Acid Washed HDPE	YES	NONE	YES
VOA			4,40 (2,40)	GLASS	NO	HCL	YES

PLEASE REMEMBER TO FILTER THE DISS METALS AND MAKE SURE THE TOTAL AND DISSOLVED METALS GO INTO THE CORRECT BOTTLES.

### FIELD WATER QUALITY PARAMETERS

INSTR. #	1562	3140044	3140044	SWD	1	TURB STD USED: 5.36	
SAMPLE	1	COND (umhos/cm)	PH VALUE	TEMPERATURE (°C)	DISSOLVED OXYGEN (mg/L)	TURBIDITY NTU	TIME
		328	6.62	11.3	2.48	5.03	1120

NOTES:  
INSTRUMENTS CALIBRATED PRIOR TO USE? YES  NO   
3 VTRPs TURNED IN? YES  NO  DATE: 11/05/10  
BUBBLES? YES  NO  BUBBLE DIAMETERS:  
NO QC BOTTLES

### CUSTODY RECORD:

PERSONNEL  
SBILIK

SIGNATURE  
[Signature]

DATE/TIME  
11/05/10  
12:00

TOTAL NUMBER OF BOTTLES THIS SET

13 ✓



# VASW-1 (43)

KING COUNTY  
SOLID WASTE DIVISION

KC VASHON LF  
ID SVS6070510-  
DATE 05/10/07  
TIME 1140  
SAMPLER SB

## VASHON-1 SURFACE WATER SAMPLING FIELD RECORD

used for Seeps SS-1, SS-2, SS-3, SS-4, SS-5, and SS-6

### FIELD SAMPLING DATA

Station: **SS-6**  
Date/Time: 05/10/07 1130  
Weather: clear, warm  
Location Description: 40ft S of SS-5 @  
focused seepage area

COPY

SAMPLE ID # **SVS607 05 10 -**

SAMPLE TYPE	DATE TIME	METHOD	VOLUME (mL)	CONTAINER TYPE	FIELD FILTERED (YES/NO)	PRES.	ICED YES/NO
TSS/TS	05/1	Peristaltic Pump w/ clean tubing	1000	blue HDPE	NO	NONE	YES
METALS, D	10/1		500	Red HDPE	YES	HNO <sub>3</sub>	YES
PHYS	2007		1000	blue HDPE	NO	NONE	YES
TOC			2,40	gray GLASS	NO	H <sub>3</sub> PO <sub>4</sub>	YES
COD/NH3	11:40		500	yellow HDPE	NO	H <sub>2</sub> SO <sub>4</sub>	YES
VOA			6@40	green GLASS	NO	HCl	YES

### FIELD WATER QUALITY PARAMETERS

INSTRUMENT NO.	1	2	3	4	5	6	7
SAMPLE	SPECIFIC COND (umhos/cm)	pH VALUE	REDOX mV	TEMP (°C)	DISSOLVED OXYGEN (mg/L)	TURBIDITY NTU	TIME
	388	7.01	+0.1	10.4	5.82	>10	1200

#### NOTES:

INSTRUMENTS CALIBRATED PRIOR TO USE? YES  NO  TIME: 0715  
 #1) pH meter (pH, Redox, Temp) SN# 14768 #3) Turbidimeter # 1  
 standards used 7, 10, 01 readings 7.9, 5.7 standard used 5.36 reading 5.62  
 #2) Dissolved Oxygen Meter SN# 41000 #4) Conductivity Meter SN# 1562  
 3 VOA TRIP BLANKS TURNED IN WITH THIS SAMPLE? YES  NO   
 VTRP 0705105 VTRP BUBBLES? YES  NO  BUBBLES: DATE:  
 MS/MD BOTTLES TURNED IN? YES  NO

SAMPLE IS TAKEN AT SURFACE WATER/ GROUNDWATER INTERFACE.

#### CUSTODY RECORD:

PERSONNEL SEVIN BILIR SIGNATURE [Signature]  
 TOTAL NUMBER OF BOTTLES THIS SET 15

# VASW-1 (43)

KING COUNTY  
SOLID WASTE DIVISION

KCSW VASHON LF  
ID SVS6070816 -  
DATE 08/16/2007  
TIME 1130  
Sampler SB

## VASHON-1 SURFACE WATER SAMPLING FIELD RECORD

used for Seeps SW-S1, SW-S2, SW-S3, SW-S4, SW-S5, SW-S6 & 24S

### FIELD SAMPLING DATA

Station: **SW-S6**  
Date/Time: 08/16/2007  
Weather: ptly sunny, cool  
Location Description: ~ 40ft S of SW-S5 @  
focused seepage area

COPY

SAMPLE ID # **SVS60708 16 -**

SAMPLE TYPE	DATE TIME	METHOD	VOLUME (mL)	CONTAINER TYPE	FIELD FILTERED (YES/NO)	PRES.	ICED YES/NO
TSS/TS	08/16	Peristaltic Pump w/ clean tubing	1000	blue HDPE	NO	NONE	YES
METALS, D	16/1		500	Red HDPE	YES	HNO <sub>3</sub>	YES
PHYS	2007		1000	blue HDPE	NO	NONE	YES
TOC			2,40	gray GLASS	NO	H <sub>3</sub> PO <sub>4</sub>	YES
COD/NH3	11:30		500	yellow HDPE	NO	H <sub>2</sub> SO <sub>4</sub>	YES
VOA			6@40	green GLASS	NO	HCl	YES

### FIELD WATER QUALITY PARAMETERS

INSTRUMENT NO.	4	1	1	1	2	3	4
SAMPLE	SPECIFIC COND (umhos/cm)	pH VALUE	REDOX mV	TEMP (°C)	DISSOLVED OXYGEN (mg/L)	TURBIDITY NTU	TIME
	356	6.82	10.7	13	0.97	11.6	1120

#### NOTES:

INSTRUMENTS CALIBRATED PRIOR TO USE? YES  NO  TIME: 1000  
 #1) pH meter (pH, Redox, Temp) SN# 14768 #3) Turbidimeter # 1  
 standards used 4 & 7 readings 4.0/7.01 standard used 52.4 reading 53.9  
 #2) Dissolved Oxygen Meter SN# 4600 #4) Conductivity Meter SN# 1562 1413/1416  
 3 VOA TRIP BLANKS TURNED IN WITH THIS SAMPLE? YES  NO   
 VTRP VTRP BUBBLES? YES  NO  BUBBLES: DATE:  
 MS/MD BOTTLES TURNED IN? YES  NO

SAMPLE IS TAKEN AT SURFACE WATER/ GROUNDWATER INTERFACE.

#### CUSTODY RECORD:

PERSONNEL Sevin B SIGNATURE [Signature]  
 TOTAL NUMBER OF BOTTLES THIS SET 12

# VASW-1 (43)

KING COUNTY  
SOLID WASTE DIVISION

## VASHON-1 SURFACE WATER SAMPLING FIELD RECORD

used for Seeps SW-S1, SW-S2, SW-S3, SW-S4, SW-S5, SW-S6

### FIELD SAMPLING DATA

Station: SW-S6  
 Date/Time: 11/1/2007  
 Weather: Cool, partly cloudy  
 Location Description: ~ 40ft S of SW-S5 @  
focused seepage area

KCSW VASHON LF  
ID SVS6071101-  
DATE 11/01/07  
1245  
Sampler SB

KCSW VASHON LF  
ID VTRP071101S  
DATE 11/01/07  
1245  
Sampler SB

SAMPLE ID # SVS6071101 -

SAMPLE TYPE	DATE TIME	METHOD	VOLUME (mL)	CONTAINER TYPE	FIELD FILTERED (YES,NO)	PRES.	ICED YES/NO
TSS/TS	<u>11/1</u>	Peristaltic Pump w clean tubing	1000	blue HDPE	NO	NONE	YES
METALS, D	<u>01/</u>		500	Red HDPE	YES	HNO <sub>3</sub>	YES
PHYS	<u>2007</u>		1000	blue HDPE	NO	NONE	YES
TOC			2,40	gray GLASS	NO	H <sub>3</sub> PO <sub>4</sub>	YES
COD/NH3	<u>1245</u>		500	yellow HDPE	NO	H <sub>2</sub> SO <sub>4</sub>	YES
VOA			6@40	green GLASS	NO	HCl	YES

### FIELD WATER QUALITY PARAMETERS

INSTRUMENT NO.	4	1	1	1	2	3		
	SPECIFIC COND (umhos/cm)		pH VALUE	REDOX mV	TEMP (°C)	DISSOLVED OXYGEN (mg/L)	TURBIDITY NTU	TIME
	<u>377</u>	<u>6.81</u>	<u>10.1</u>	<u>9.4</u>	<u>2.75</u>	<u>34.1</u>	<u>1230</u>	

#### NOTES:

INSTRUMENTS CALIBRATED PRIOR TO USE? YES  NO  TIME: \_\_\_\_\_  
 #1) pH meter (pH, Redox, Temp) SN# 14768 #3) Turbidimeter # 1  
 standards used 4 & 7 readings standard used 52.4 reading 56.8  
 #2) Dissolved Oxygen Meter SN# 4600 #4) Conductivity Meter SN# 1562 1413/1422  
 3 VOA TRIP BLANKS TURNED IN WITH THIS SAMPLE? YES  NO   
 VTRP 071101S VTRP BUBBLES? YES  NO  BUBBLES: \_\_\_\_\_ DATE: 10/29/07  
 MS/MD BOTTLES TURNED IN? YES  NO

SAMPLE IS TAKEN AT SURFACE WATER/ GROUNDWATER INTERFACE.

#### CUSTODY RECORD:

PERSONNEL

SIGNATURE

TOTAL NUMBER OF BOTTLES THIS SET

12

+3 VTRP

seeps/fieldsheets.xls

# VASW-1 (43)

KING COUNTY  
SOLID WASTE DIVISION

## VASHON-1 SURFACE WATER SAMPLING FIELD RECORD

used for Seeps SW-S1, SW-S2, SW-S3, SW-S4, SW-S5, SW-S6

KCSW VASHON LF  
ID SVS6071218-  
DATE 12/18/2007

Sampler SB

### FIELD SAMPLING DATA

Station: SW-S6  
 Date/Time: 12/18/2007 1300  
 Weather: Raining, 50°s  
 Location Description: ~ 40ft S of SW-S5 @  
focused seepage area

KCSW VASHON LF  
ID SVS6071219-  
DATE 12/19/2007

Sampler SB

SAMPLE ID # SVS6071218 -

SAMPLE TYPE	DATE TIME	METHOD	VOLUME (mL)	CONTAINER TYPE	FIELD FILTERED (YES,NO)	PRES.	ICED YES/NO
TSS/TS	<u>12/18</u>	Peristaltic Pump w clean tubing	1000	blue HDPE	NO	NONE	YES
METALS, D	<u>18/1</u>		500	Red HDPE	YES	HNO <sub>3</sub>	YES
PHYS	<u>2007</u>		1000	blue HDPE	NO	NONE	YES
TOC			2,40	gray GLASS	NO	H <sub>3</sub> PO <sub>4</sub>	YES
COD/NH3	<u>1300</u>		500	yellow HDPE	NO	H <sub>2</sub> SO <sub>4</sub>	YES
VOA			6@40	green GLASS	NO	HCl	YES

### FIELD WATER QUALITY PARAMETERS

INSTRUMENT NO.	4	1	1	1	2	3		
	SPECIFIC COND (umhos/cm)		pH VALUE	REDOX mV	TEMP (°C)	DISSOLVED OXYGEN (mg/L)	TURBIDITY NTU	TIME
	<u>402</u>	<u>7.23</u>	<u>-14.0</u>	<u>6.6</u>	<u>5.24</u>	<u>109</u>	<u>1255</u>	

#### NOTES:

INSTRUMENTS CALIBRATED PRIOR TO USE? YES  NO  TIME: 0930  
 #1) pH meter (pH, Redox, Temp) SN# 14768 #3) Turbidimeter # 1  
 standards used 4 & 7 readings 9.0/7 standard used 52.4 reading 54.8  
 #2) Dissolved Oxygen Meter SN# 4600 10.7 #4) Conductivity Meter SN# 1562 1413/1407  
 3 VOA TRIP BLANKS TURNED IN WITH THIS SAMPLE? YES  NO   
 VTRP \_\_\_\_\_ VTRP BUBBLES? YES  NO  BUBBLES: \_\_\_\_\_ DATE: \_\_\_\_\_  
 MS/MD BOTTLES TURNED IN? YES  NO

SAMPLE IS TAKEN AT SURFACE WATER/ GROUNDWATER INTERFACE.

#### CUSTODY RECORD:

PERSONNEL

SIGNATURE

TOTAL NUMBER OF BOTTLES THIS SET

11 / 1  
SVS6071218 - / SVS6071219 -

seeps/fieldsheets.xls

# VASW-1 (43)

KING COUNTY  
SOLID WASTE DIVISION

## VASHON-1 SURFACE WATER SAMPLING FIELD RECORD

used for Seeps SW-S1, SW-S2, SW-S3, SW-S4, SW-S5, SW-S6

KCSWD VASHON LF  
ID SVS60803 13  
Date 03/13/2008  
Sampler SB

### FIELD SAMPLING DATA

Station: SW-S6  
Date/Time: 3/13/2008  
Weather: cold, raining  
Location Description: ~ 40ft S of SW-S5 @  
focused seepage area

COPY

SAMPLE ID # SVS60803 13 -

SAMPLE TYPE	DATE TIME	METHOD	VOLUME (mL)	CONTAINER TYPE	FILTERED (YES/NO)	PRES.	ICED YES/NO
TSS/TS	3/13	Peristaltic Pump w/ clean tubing	1000	blue HDPE	NO	NONE	YES
METALS, D	13/1		500	Red HDPE	YES	HNO <sub>3</sub>	YES
PHYS	2008		<del>1000</del>	<del>blue HDPE</del>	<del>NO</del>	<del>NONE</del>	<del>YES</del>
TOC			2.40	gray GLASS	NO	H <sub>3</sub> PO <sub>4</sub>	YES
COD/NH3	12:00		500	yellow HDPE	NO	H <sub>2</sub> SO <sub>4</sub>	YES
VOA			6@40	green GLASS	NO	HCl	YES

did not collect

### FIELD WATER QUALITY PARAMETERS

INSTRUMENT NO.	4	1	1	1	2	3	
	SPECIFIC COND (umhos/cm)	pH VALUE	REDOX mV	TEMP (°C)	DISSOLVED OXYGEN (mg/L)	TURBIDITY NTU	TIME
	344	7.06	-8.7	7.3	4.95	405	1155

### NOTES:

INSTRUMENTS CALIBRATED PRIOR TO USE? YES  NO  TIME: 0930  
 #1) pH meter (pH, Redox, Temp) SN# 3140044 #3) Turbidimeter # 1 57.3  
 standards used 4 & 7 readings SLP -57 mv/pH, +/- 25 standard used 52.4 reading 55.7  
 #2) Dissolved Oxygen Meter SN# 4600 101.7 #4) Conductivity Meter SN# 1562 1413/1410  
 3 VOA TRIP BLANKS TURNED IN WITH THIS SAMPLE? YES  NO   
 VTRP VTRP BUBBLES? YES  NO  BUBBLES: DATE:  
 MS/MD BOTTLES TURNED IN? YES  NO

SAMPLE IS TAKEN AT SURFACE WATER/ GROUNDWATER INTERFACE.

### CUSTODY RECORD:

PERSONNEL SIGNATURE  
 BILIR [Signature]  
 TOTAL NUMBER OF BOTTLES THIS SET 11

# VASW-1 (43)

KING COUNTY  
SOLID WASTE DIVISION

## VASHON-1 SURFACE WATER SAMPLING FIELD RECORD

used for Seeps SW-S1, SW-S2, SW-S3, SW-S4, SW-S5, SW-S6

KCSWD VASHON LF  
ID SVS6080716-  
Date 07/16/2008  
Sampler SB

### FIELD SAMPLING DATA

Station: SW-S6  
Date/Time: 7/16/2008 1250  
Weather: 60° F, Clear  
Location Description: ~ 40ft S of SW-S5 @  
focused seepage area

COPY

SAMPLE ID # SVS60807 16 -

SAMPLE TYPE	DATE TIME	METHOD	VOLUME (mL)	CONTAINER TYPE	FIELD FILTERED (YES/NO)	PRES.	ICED YES/NO
TSS/TS	7/16	Peristaltic Pump w/ clean tubing	<del>1000</del>	<del>blue HDPE</del>	<del>NO</del>	<del>NONE</del>	<del>YES</del>
METALS, D	16/1		✓ 500	Red HDPE	YES	HNO <sub>3</sub>	YES
PHYS	2008		✓ 1000	blue HDPE	NO	NONE	YES
TOC			✓ 2.40	gray GLASS	NO	H <sub>3</sub> PO <sub>4</sub>	YES
COD/NH3	12:55		✓ 500	yellow HDPE	NO	H <sub>2</sub> SO <sub>4</sub>	YES
VOA			✓ 6@40	green GLASS	NO	HCl	YES

slow Recovery  
 Only collected  
 1x 1000 HDPE  
 (hold lab on  
 coc to analyze  
 all on same  
 bottle)

### FIELD WATER QUALITY PARAMETERS

INSTRUMENT NO.	4	1	1	1	2	3	
	SPECIFIC COND (umhos/cm)	pH VALUE	REDOX mV	TEMP (°C)	DISSOLVED OXYGEN (mg/L)	TURBIDITY NTU	TIME
	358	7.12	-8.6	12.8	2.36	25.8	1250

### NOTES:

INSTRUMENTS CALIBRATED PRIOR TO USE? YES  NO  TIME: 0900  
 #1) pH meter (pH, Redox, Temp) SN# 03140044 #3) Turbidimeter # 1  
 standards used 4 & 7 readings -55.9/-5 standard used 5.36 reading 5.88  
 #2) Dissolved Oxygen Meter SN# 4600 101.7 #4) Conductivity Meter SN# 1562 1413/1416  
 3 VOA TRIP BLANKS TURNED IN WITH THIS SAMPLE? YES  NO   
 VTRP VTRP BUBBLES? YES  NO  BUBBLES: DATE:  
 MS/MD BOTTLES TURNED IN? YES  NO

SAMPLE IS TAKEN AT SURFACE WATER/ GROUNDWATER INTERFACE.

### CUSTODY RECORD:

PERSONNEL SIGNATURE  
 S. Bilir [Signature]  
 TOTAL NUMBER OF BOTTLES THIS SET 11



# VASW-1 (43)

KING COUNTY  
SOLID WASTE DIVISION

KCSWD VASHON LF  
ID SVS6081007-  
Date 10/07/2008  
Sampler SB

## VASHON-1 SURFACE WATER SAMPLING FIELD RECORD

used for Seeps SW-S1, SW-S2, SW-S3, SW-S4, SW-S5, SW-S6, SW-24S

### FIELD SAMPLING DATA

Station: **SW-S6**  
Date/Time: 10/07/2008 1135  
Weather: *ptly cldy, windy, 50° F's cold*  
Location Description: *~ 40ft S of SW-S5 @ focused seepage area*

SAMPLE ID # **SVS6081007-**

SAMPLE TYPE	DATE TIME	METHOD	VOLUME (mL)	CONTAINER TYPE	FIELD FILTERED (YES,NO)	PRES.	ICED YES/NO
TSS/TS	10/07/2008		1000	<del>blue</del> HDPE	NO	NONE	YES
METALS, D	07/1		500	Red HDPE	YES	HNO <sub>3</sub>	YES
PHYS	2008		<del>1000</del>	<del>blue</del> HDPE	NO	NONE	YES
TOC			2,40	<del>gray</del> GLASS	NO	H <sub>2</sub> PO <sub>4</sub>	YES
COD/NH3	12:00		500	yellow HDPE	NO	H <sub>2</sub> SO <sub>4</sub>	YES
VOA			6@40	<del>green</del> GLASS	NO	HCl	YES

*Peristaltic Pump w/ clean tubing*

*Could not get 2nd bottle (too slow)*

### FIELD WATER QUALITY PARAMETERS

INSTRUMENT NO.	4	1	1	1	2	3	
	SPECIFIC COND (umhos/cm)	pH VALUE	REDOX mV	TEMP (°C)	DISSOLVED OXYGEN (mg/L)	TURBIDITY NTU	TIME
<i>Peristaltic pump w/ clean tubing</i>	333	7.15	-14.2	11.4	6.70	46.7	1140

### NOTES:

INSTRUMENTS CALIBRATED PRIOR TO USE? YES  NO  TIME: *0935*

#1) pH meter (pH, Redox, Temp) SN# 03140044  
standards used 4 & 7 readings *-55.4/-8*

#2) Dissolved Oxygen Meter SN# 4600 *10.7*

#3) Turbidimeter # 1  
standard used 52.4 reading *56.9*

#4) Conductivity Meter SN# 1562 1413/1423  
*299*

3 VOA TRIP BLANKS TURNED IN WITH THIS SAMPLE? YES  NO

VTRP \_\_\_\_\_ VTRP BUBBLES? YES  NO  BUBBLES: \_\_\_\_\_ DATE: \_\_\_\_\_

MS/MD BOTTLES TURNED IN? YES  NO

SAMPLE IS TAKEN AT SURFACE WATER/ GROUNDWATER INTERFACE.

### CUSTODY RECORD:

PERSONNEL: S. Bilir SIGNATURE: [Signature] DATE/TIME: 10/07/08: 1330

TOTAL NUMBER OF BOTTLES THIS SET: 11

# VASW-1 (43)

KING COUNTY  
SOLID WASTE DIVISION

KCSWD VASHON LF  
ID SVS6090107-

## VASHON-1 SURFACE WATER SAMPLING FIELD RECORD

used for Seeps SW-S1, SW-S2, SW-S3, SW-S4, SW-S5, SW-S6, SW-24S

### FIELD SAMPLING DATA

Station: **SW-S6**  
Date/Time: 01/07/2009 1250  
Weather: \_\_\_\_\_  
Location Description: *~ 40ft S of SW-S5 @ focused seepage area*

Date 01/07/2009  
Sampler SB

KCSWD VASHON LF  
ID VTRP090107T

Date 01/07/2009  
Sampler SB

SAMPLE ID # **SVS6090107-**

SAMPLE TYPE	DATE TIME	METHOD	VOLUME (mL)	CONTAINER TYPE	FIELD FILTERED (YES,NO)	PRES.	ICED YES/NO
TSS/TS	01/07/2009		1000	blue HDPE	NO	NONE	YES
METALS, D	07/1		500	Red HDPE	YES	HNO <sub>3</sub>	YES
PHYS	2009		1000	blue HDPE	NO	NONE	YES
TOC			2,40	gray GLASS	NO	H <sub>2</sub> PO <sub>4</sub>	YES
COD/NH3	13:00		500	yellow HDPE	NO	H <sub>2</sub> SO <sub>4</sub>	YES
VOA			6@40	green GLASS	NO	HCl	YES

*Peristaltic Pump w/ clean tubing*

### FIELD WATER QUALITY PARAMETERS

INSTRUMENT NO.	4	1	1	1	2	3	
	SPECIFIC COND (umhos/cm)	pH VALUE	REDOX mV	TEMP (°C)	DISSOLVED OXYGEN (mg/L)	TURBIDITY NTU	TIME
<i>Peristaltic Pump w/ clean tubing</i>	418	7.32	-20.9	8.9	4.04	9.11	1250

### NOTES:

INSTRUMENTS CALIBRATED PRIOR TO USE? YES  NO  TIME: *1000*

#1) pH meter (pH, Redox, Temp) SN# 03140044  
standards used 4 & 7 readings *-54.9*

#2) Dissolved Oxygen Meter SN# 4600 *10.7*

#3) Turbidimeter # 1  
standard used 52.4 reading *54.8*

#4) Conductivity Meter SN# 1562 1413/1453

3 VOA TRIP BLANKS TURNED IN WITH THIS SAMPLE? YES  NO

VTRP *090107T* VTRP BUBBLES? YES  NO  BUBBLES: \_\_\_\_\_ DATE: *12/31/08*

MS/MD BOTTLES TURNED IN? YES  NO

SAMPLE IS TAKEN AT SURFACE WATER/ GROUNDWATER INTERFACE.

### CUSTODY RECORD:

PERSONNEL: S. Bilir SIGNATURE: [Signature] DATE/TIME: 01/07/09: 1310

TOTAL NUMBER OF BOTTLES THIS SET: 11

*+3 VTRP*

# VASW-1 (43)

KING COUNTY  
SOLID WASTE DIVISION

KCSWD VASHON LF  
PI ID VTRP090324R

VASHON-1 SURFACE WATER SAMPLING FIELD RECORD  
used for Seeps SW-S1, SW-S2, SW-S3, SW-S4, SW-S5, SW-S6, SW-24S

Date 03/24/2009  
Sampler SB

### FIELD SAMPLING DATA

Station: SW-S6  
Date/Time: 03/24/2009 1130  
Weather: cloud overcast, windy  
Location Description: - 40ft S of SW-S5 @  
focused seepage area

KCSWD VASHON LF  
ID SVS6090324-  
Date 03/24/2009  
Sampler SB

SAMPLE ID # SVS6090324-

SAMPLE TYPE	DATE TIME	METHOD	VOLUME (mL)	CONTAINER TYPE	FIELD FILTERED (YES,NO)	PRES.	ICED YES/NO
TSS/TS	03/24/2009	Peristaltic Pump w/ clean tubing	1000	blue HDPE	NO	NONE	YES
METALS, D	24/		500	Red HDPE	YES	HNO <sub>3</sub>	YES
PHYS	2009		1000	blue HDPE	NO	NONE	YES
TOC			2,40	gray GLASS	NO	H <sub>2</sub> PO <sub>4</sub>	YES
COD/NH3	11:30		500	yellow HDPE	NO	H <sub>2</sub> SO <sub>4</sub>	YES
VOA			6@40	green GLASS	NO	HCl	YES

### FIELD WATER QUALITY PARAMETERS

INSTRUMENT NO.	4	1	1	1	2	3	TIME
	SPECIFIC COND (umhos/cm)	pH VALUE	REDOX mV	TEMP (°C)	DISSOLVED OXYGEN (mg/L)	TURBIDITY NTU	
Peristaltic Pump w/ clean tubing	396	7.15	-12.2	7.9	5.16	8.63	1140

### NOTES:

INSTRUMENTS CALIBRATED PRIOR TO USE? YES  NO  TIME: 1100  
 #1) pH meter (pH, Redox, Temp) SN# 03140044 #3) Turbidimeter # 1  
 standards used 4 & 7 readings -55.41-6 standard used 52.4 reading 55  
 #2) Dissolved Oxygen Meter SN# 4600 10.17 #4) Conductivity Meter SN# 1562 1413/ 1408  
 3 VOA TRIP BLANKS TURNED IN WITH THIS SAMPLE? YES  NO   
 VTRP 090324R VTRP BUBBLES? YES  NO  BUBBLES: DATE: 3/20/09  
 MS/MD BOTTLES TURNED IN? YES  NO   
 EQUIPMENT BLANK TURNED IN WITH THIS SAMPLE? YES  NO   
 SAMPLE IS TAKEN AT SURFACE WATER / GROUNDWATER INTERFACE.

### CUSTODY RECORD:

PERSONNEL: S. Bilir SIGNATURE: [Signature] DATE/TIME: 3/24/2009  
 TOTAL NUMBER OF BOTTLES THIS SET: 12 + 3 VTRP

# VASW-1 (43)

KING COUNTY  
SOLID WASTE DIVISION

KCSWD VASHON LF

VASHON-1 SURFACE WATER FIELD RECORD  
used for Seeps SW-S2, SW-S4, SW-S5, SW-S6

ID SVS6090716-  
Date 07/16/2009  
Sampler SB

### FIELD SAMPLING DATA

Station: SW-S6  
Date/Time: 07/16/2009 1030  
Weather: clear, 70-80°F  
Location: ~ 40ft S of SW-S5 at  
focused seepage area

SAMPLE ID # SVS6090716-

SAMPLE TYPE	DATE TIME	METHOD	VOLUME (mL)	CONTAINER TYPE	FIELD FILTERED (YES,NO)	PRESERVATIVE	ICED YES/NO
TSS		Peristaltic pump with cleaned tubing	1000	3/4 WM HDPE	NO	NONE	YES
COND/pH/ALK	07/16/2009		500	2/3 WM HDPE	NO	NONE	YES
TDS/TOTS			500	✓ WM HDPE	NO	NONE	YES
NH <sub>3</sub> /NO <sub>3</sub>			250	✓ WM HDPE	NO	NONE	YES
CL/SO <sub>4</sub>			125	✓ NM HDPE	NO	NONE	YES
TOC	10:50		2,40	✓ AMBER GLASS	NO	H <sub>2</sub> PO <sub>4</sub>	YES
METALS, d			500	✓ Acid Washed HDPE	YES	NONE	YES
VOA			4,40	✓ GLASS	NO	HCl	YES

LABEL THE DISSOLVED METALS BOTTLE "FIELD FILTERED" ✓

### FIELD WATER QUALITY PARAMETERS

INSTR. #	1562	3140044	3140044	3140044	4600	1	TURN STD USED: <u>3.036</u>
	SPEC COND (umhos/cm)	pH VALUE	REDOX mV	TEMPERATURE (°C)	DISSOLVED OXYGEN (mg/L)	TURBIDITY NTU	METER READING: <u>6.08</u>
Peristaltic pump w/ cleaned tubing	385	6.97	-2.3	14.1	8.04	27.8	1100

### NOTES:

INSTRUMENTS CALIBRATED PRIOR TO USE? YES  NO  BUFFERS: (4, 7) 10  
 3 VTRPs TURNED IN? YES  NO  ID: DATE:  
 BUBBLES? YES  NO  BUBBLE DIAMETERS: N/A  
 EQUIPMENT BLANK TURNED IN WITH THIS SAMPLE? YES  NO  ID:  
 NO QC BOTTLES

### CUSTODY RECORD:

PERSONNEL: Sevin Bilir SIGNATURE: [Signature] DATE/TIME: 7/16/09 12:50

# VASW-1 (43)

## VASHON-1 SURFACE WATER FIELD RECORD

used for Seeps SW-S2, SW-S4, SW-S5, SW-S6

KCSWD VASHON LF

ID SVS6091027-

Date 10/27/2009

Sampler SB

### FIELD SAMPLING DATA

Station: SW-S6  
Date/Time: 10 / 27 / 2009 1102  
Weather: partly cloudy  
Location: - 40ft S of SW-S5 at focused seepage area

KCSWD VASHON LF

ID SVS6091027-

Date 10/28/2009

Sampler SB

SAMPLE ID # SVS6091027

SAMPLE TYPE	DATE TIME	METHOD	VOLUME (mL)	CONTAINER TYPE	FIELD FILTERED (YES/NO)		PRESERVATIVE	ICED YES/NO	
					YES	NO		YES	NO
TSS		Peristaltic pump with cleaned tubing	1000	WM HDPE	NO	NO	NONE	YES	NO
COND/pH/ALK	10/27/2009		500	WM HDPE	NO	NO	NONE	YES	YES
TDS/TOTS			500	WM HDPE	NO	NO	NONE	YES	YES
NH <sub>3</sub> /NO <sub>3</sub>			250	WM HDPE	NO	NO	NONE	YES	YES
CL/SO <sub>4</sub>			125	NM HDPE	NO	NO	NONE	YES	YES
TOC			2,40	AMBER GLASS	NO	NO	H <sub>3</sub> PO <sub>4</sub>	YES	YES
METALS, d			500	Acid Washed HDPE	YES	NO	NONE	YES	YES
VOA			4,40	GLASS	NO	NO	HCL	YES	YES

LABEL THE DISSOLVED METALS BOTTLE "FIELD FILTERED"

### FIELD WATER QUALITY PARAMETERS

INSTR. #	1562	3140044	3140044	3140044	4600	TURB STD USED	METER READING
						5.36	6.02
SAMPLE	COND	pH	REDOX	TEMPERATURE	DISSOLVED OXYGEN	TURBIDITY	TIME
	(µmhos/cm)	VALUE	mV	(°C)	(mg/L)	NTU	
Peristaltic pump w/ cleaned tubing	159.5	7.10	8.0	8.2	3.62	38.0	1105

SAMPLE IS TAKEN AT SURFACE WATER / GROUNDWATER INTERFACE.

#### NOTES:

INSTRUMENTS CALIBRATED PRIOR TO USE? YES  NO  BUFFERS: 4, 7, 10

3 VTRPs TURNED IN? YES  NO  ID: VTRP0910 DATE:

BUBBLES? YES  NO  BUBBLE DIAMETERS: N/A

EQUIPMENT BLANK TURNED IN WITH THIS SAMPLE? YES  NO  ID: NO QC BOTTLES

#### CUSTODY RECORD:

PERSONNEL

Sevin Bilir

SIGNATURE

*[Signature]*

DATE/TIME

10/27/09

12:40

TOTAL NUMBER OF BOTTLES THIS SET

10

# VASW-1 (43)

## VASHON-1 SURFACE WATER FIELD RECORD

used for Seeps SW-S2, SW-S4, SW-S5, SW-S6

KCSWD VASHON LF

ID SVS6100129-

Date 01/29/2010

Sampler SB

### FIELD SAMPLING DATA

Station: SW-S6  
Date/Time: 01 / 29 / 2010 1320  
Weather: overcast  
Location: - 40ft S of SW-S5 at focused seepage area

SAMPLE ID # SVS6100129-

SAMPLE TYPE	DATE TIME	METHOD	VOLUME (mL)	CONTAINER TYPE	FIELD FILTERED (YES/NO)		PRESERVATIVE	ICED YES/NO	
					YES	NO		YES	NO
TSS		Peristaltic pump with cleaned tubing	X 1000	WM HDPE	NO	NO	NONE	YES	NO
COND/ALK	01/29/2010		X 500	WM HDPE	NO	NO	NONE	YES	YES
TDS/TOTS			✓ 500	WM HDPE	NO	NO	NONE	YES	YES
NH <sub>3</sub> /NO <sub>3</sub>			✓ 250	WM HDPE	NO	NO	NONE	YES	YES
CL/SO <sub>4</sub>			✓ 125	NM HDPE	NO	NO	NONE	YES	YES
TOC			✓ 2,40	AMBER GLASS	NO	NO	H <sub>3</sub> PO <sub>4</sub>	YES	YES
Metals, t			✓ 500	Acid Washed HDPE	NO	NO	NONE	YES	YES
METALS, d			✓ 500	Acid Washed HDPE	✓ YES	NO	NONE	YES	YES
VOA			✓ 4,40	GLASS	NO	NO	HCL	YES	YES

✓ FILTER DISS METALS & PUT TOTAL AND DISSOLVED METALS INTO CORRECT BOTTLES

### FIELD WATER QUALITY PARAMETERS

INSTR. #	1562	3140044	3140044	1562	3140044	TURB STD USED	METER READING
						5.4	55.5
SAMPLE	COND	pH	REDOX	TEMPERATURE	DISSOLVED OXYGEN	TURBIDITY	TIME
	(µmhos/cm)	VALUE	mV	(°C)	(mg/L)	NTU	
Peristaltic pump w/ cleaned tubing	332	7.08	9.3	—	—	—	1330

SAMPLE IS TAKEN AT SURFACE WATER / GROUNDWATER INTERFACE.

#### NOTES:

INSTRUMENTS CALIBRATED PRIOR TO USE? YES  NO  BUFFERS: 4, 7, 10

3 VTRPs TURNED IN? YES  NO  ID: VTRP100 DATE:

BUBBLES? YES  NO  BUBBLE DIAMETERS: N/A

EQUIPMENT BLANK TURNED IN WITH THIS SAMPLE? YES  NO  ID: NO QC BOTTLES

#### CUSTODY RECORD:

PERSONNEL

Sevin Bilir

SIGNATURE

*[Signature]*

DATE/TIME

01 / 29 / 10

15:30



# VASW-1 (43)

## VASHON-1 SURFACE WATER FIELD RECORD

used for Seeps SW-S2, SW-S4, SW-S5, SW-S6

### FIELD SAMPLING DATA

Station: SW-S6  
Date/Time: 04/14/2010 1010 / 04/15/10 1015  
Weather: clear, cool  
Location: ~ 40ft S of SW-S5 at focused seepage area

KCSWD VASHON LF  
ID SVS6100414-1  
Date 04/14/2010  
Sampler SB

KCSWD VASHON LF  
ID SVS6100414-2  
Date 04/14/2010  
Sampler SB

SAMPLE ID #	DATE	VOLUME	CONTAINER	FIELD FILTERED	ICED
TYPE	TIME	(mL)	TYPE	(YES/NO)	YES
TSS		-2 1000 (500)	WM HDPE	NO	YES
COND/ALK	04/14	-1 500 (200)	WM HDPE	NO	YES
TDS/TOTS	14/2010	-2 500 (300)	WM HDPE	NO	YES
NH <sub>3</sub> /NO <sub>2</sub>		-1 250 (100)	WM HDPE	NO	YES
CL/SO <sub>4</sub>		-1 125 (100)	WM HDPE	NO	YES
TOC	10:45	-1 2.40 (30)	AMBER GLASS	NO	YES
Metals, t	4/15	-2 500 (200)	Acid Washed HDPE	NO	YES
METALS, d	2010	-1 500 (50)	Acid Washed HDPE	YES	YES
VOA	1040	-1 4.40 (2.40)	GLASS	NO	YES

**FILTER DISS METALS & PUT TOTAL AND DISSOLVED METALS INTO CORRECT BOTTLES**

FIELD WATER QUALITY PARAMETERS

INSTR. #	1962	3140044	3140044	4352	1
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SAMPLE	SPEC COND	pH	TEMPERATURE	DISSOLVED OXYGEN	TURBIDITY	TIME
(µmhos/cm)	VALUE	(°C)	(mg/L)	NTU		
Peristaltic pump w/ cleaned tubing	378	6.08	8.8	3.64	19.8	1015

NOTES:  
INSTRUMENTS CALIBRATED PRIOR TO USE? YES  NO  BUFFERS: 4, 7 10  
3 VTRPs TURNED IN? YES  NO  ID: VTRP1004 DATE:  
BUBBLES? YES  NO  BUBBLE DIAMETERS:  
EQUIPMENT BLANK TURNED IN WITH THIS SAMPLE? YES  NO  ID:  
NO QC BOTTLES

CUSTODY RECORD:  
PERSONNEL: Sevin Bilir  
SIGNATURE: *SB*  
DATE/TIME: 04/14/10 11:45  
TOTAL NUMBER OF BOTTLES THIS SET: 10 of 3

4/15/10 1200

# VASW-1 (43)

## VASHON-1 SURFACE WATER FIELD RECORD

used for Seeps SW-S2, SW-S4, SW-S5, SW-S6

### FIELD SAMPLING DATA

Station: SW-S6  
Date/Time: 08/11/2010 1120  
Weather: 40's, clear  
Location: ~ 40ft S of SW-S5 at focused seepage area

KCSWD VASHON LF  
ID SVS61008 11  
Date 08/11/2010  
Sampler SB

### SAMPLING DATA

SAMPLE ID #	DATE	VOLUME	CONTAINER	FIELD FILTERED	ICED
TYPE	TIME	(mL)	TYPE	(YES/NO)	YES
TSS	8:11	✓ 1000 (500)	WM HDPE	NO	YES
COND/ALK	11:30	✓ 500 (200)	WM HDPE	NO	YES
TDS/TOTS	2010	✓ 500 (300)	WM HDPE	NO	YES
NH <sub>3</sub> /NO <sub>2</sub>		✓ 250 (100)	WM HDPE	NO	YES
CL/SO <sub>4</sub>		✓ 125 (100)	WM HDPE	NO	YES
TOC		✓ 2.40 (30)	AMBER GLASS	NO	YES
METALS, t		✓ 500 (200)	Acid Washed HDPE	NO	YES
METALS, d		✓ 500 (50)	Acid Washed HDPE	✓ YES	YES
VOA		✓ 4.40 (2.40)	GLASS	NO	YES

**PLEASE REMEMBER TO FILTER THE DISS METALS AND MAKE SURE THE TOTAL AND DISSOLVED METALS GO INTO THE CORRECT BOTTLES.**

### FIELD WATER QUALITY PARAMETERS

INSTR. #	1562	3140044	3140044	SWD	1
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SAMPLE	SPEC COND	pH	TEMPERATURE	DISSOLVED OXYGEN	TURBIDITY	TIME
(µmhos/cm)	VALUE	(°C)	(mg/L)	NTU		
1	545	6.72	17	NM	30.4	1125

NOTES:  
INSTRUMENTS CALIBRATED PRIOR TO USE? YES  NO  BUFFERS: 4, 7 10  
3 VTRPs TURNED IN? YES  NO  VTRP1008 DATE:  
BUBBLES? YES  NO  BUBBLE DIAMETERS: N/A  
NO QC BOTTLES

CUSTODY RECORD:  
PERSONNEL: SBILIR  
SIGNATURE: *SB*  
DATE/TIME: 8/11/10 2:15  
TOTAL NUMBER OF BOTTLES THIS SET: 13 ✓

KING COUNTY  
SOLID WASTE DIVISION

KCSWD VASHON LF  
ID SVS6101105  
Date 11/05/2010

# VASW-1 (43)

## VASHON-1 SURFACE WATER FIELD RECORD

FIELD SAMPLING DATA (used for Seeps SW-S2, SW-S4, SW-S5, SW-S6)

Station: SW-S6  
Date/Time: 11/05/2010 12:05  
Weather: overcast, 60°F  
Location: - 40ft S of SW-S5 at focused seepage area

### SAMPLING DATA

SAMPLE ID # SVS6101105-

SAMPLE TYPE	DATE TIME	METHOD	VOLUME (mL)	CONTAINER TYPE	FIELD FILTERED (YES, NO)	PRESERVATIVE	ICED YES
TSS	11/05/2010		1000 (500)✓	NM HDPE	NO	NONE	YES
COND/ALK	05/2010		500 (200)✓	NM HDPE	NO	NONE	YES
TDS/TOPS	2010		500 (300)✓	NM HDPE	NO	NONE	YES
NH <sub>4</sub> /NO <sub>3</sub>	12:20		250 (100)✓	NM HDPE	NO	NONE	YES
CL/SO <sub>4</sub>			125 (100)✓	NM HDPE	NO	NONE	YES
TOC			2,40 (30)✓	AMBER GLASS	NO	NONE	YES
METALS, c			500 (200)✓	Acid Washed HDPE	NO	H <sub>2</sub> PO <sub>4</sub>	YES
METALS, d			500 (50)✓	Acid Washed HDPE	✓ YES	NONE	YES
VOA			4,40 (2,40)✓	GLASS	NO	HCL	YES

PLEASE REMEMBER TO FILTER THE DISS METALS AND MAKE SURE THE TOTAL AND DISSOLVED METALS GO INTO THE CORRECT BOTTLES.

### FIELD WATER QUALITY PARAMETERS

INSTR. #	1562	3140044	3140044	SWD	1
SAMPLE	COND	pH	TEMPERATURE	DISSOLVED OXYGEN	TURBIDITY
1	392	6.87	11.2	2.10	14.5

TURBID USED: 5.36  
METER READING: 6.37

### NOTES:

INSTRUMENTS CALIBRATED PRIOR TO USE? YES  NO   
 3 VOA TRIP BLANKS INCLUDED? YES  NO  VTRP  
 BUBBLES? YES  NO  BUBBLE DIAMETERS:  
 NO QC BOTTLES

### CUSTODY RECORD:

PERSONNEL  
SBIWK

SIGNATURE

DATE/TIME  
11/05/10  
14:00

TOTAL NUMBER OF BOTTLES THIS SET

X 10 + 3

11/05/2010 12:05

KING COUNTY  
SOLID WASTE DIVISION

# VASW (21)

## VASHON QUARTERLY SURFACE WATER FIELD RECORD

### FIELD SAMPLING DATA

Station: Weir SW-1  
Date/Time: 03-28-07  
Weather: Sunny, clear, mid 50°F's  
Location: Hillslope

KCSW VASHON LF  
ID SVW1070328Q  
DATE 03/28/07  
TIME 1:55  
SAMPLER SB

### SAMPLING DATA

SAMPLE ID # SVW1070328

SAMPLE TYPE	DATE TIME	METHOD	VOLUME (mL)	CONTAINER TYPE	FIELD FILTERED (YES, NO)	PRESERVATIVE	ICED YES
RAD		GRAB	GALLON	CUBE	NO	HNO <sub>3</sub>	YES
VOA		GRAB	6,40	GLASS	NO	HCL	YES
TSS/TS	03/28/07	GRAB	1000	HDPE	NO	NONE	YES
METALS	28/07	GRAB	500	HDPE	NO	HNO <sub>3</sub>	YES
PHYS 1	2007	GRAB	1000	HDPE	NO	NONE	YES
BOD	13:55	GRAB	1000	HDPE	NO	NONE	YES
CN		GRAB	250	HDPE	NO	NaOH	YES
TOC		GRAB	2,40	GLASS	NO	H <sub>2</sub> PO <sub>4</sub>	YES
COD/TP/TKN		GRAB	500	HDPE	NO	H <sub>2</sub> SO <sub>4</sub>	YES
DO		GRAB	300	GLASS	NO	NONE	YES
TOX		GRAB	500	AMBER	NO	H <sub>2</sub> SO <sub>4</sub>	YES
TC/FC		GRAB	100	STERILE	NO	NaThio	YES
P/HERB		GRAB	301000	AMBER	NO	NONE	YES

### FIELD WATER QUALITY PARAMETERS

INSTR. #	1562	14768	1562	460
SAMPLE	COND	pH	TEMPERATURE	DISSOLVED OXYGEN
1	181.2	7.76	-42.7	9.1

TURBID USED: 5.36  
METER READING: 5.68

### NOTES:

INSTRUMENTS CALIBRATED PRIOR TO USE? YES  NO   
 3 VOA TRIP BLANKS INCLUDED? YES  NO  VTRP  
 14 QC BOTTLES INCLUDED? YES  NO

### CUSTODY RECORD:

PERSONNEL  
SEVIN BILIR

SIGNATURE

DATE/TIME  
03/28/07  
16:14

TOTAL NUMBER OF BOTTLES THIS SET

21 ✓

COPY

# VASW-2 (44)

KING COUNTY  
SOLID WASTE DIVISION

KC VASHON LF  
ID SVW1070509Q  
DATE 05/09/07  
TIME 1200  
SAMPLER SB

## VASHON-2 SURFACE WATER SAMPLING FIELD RECORD

used for first weirs SW-1, SW-2, and SW-3

### FIELD SAMPLING DATA

Station: SW-1  
Date/Time: 05/09/07 1150  
Weather: clear, cool - warm  
Location Description: ~15 ft W of SS-1 seepage area

SAMPLE ID # SVW107 05 09 Q

SAMPLE TYPE	DATE TIME	METHOD	VOLUME (mL)	CONTAINER TYPE	FIELD FILTERED (YES/NO)	PRES.	ICED YES/NO
RAD			GALLON	plastic CUBE	NO	HNO <sub>3</sub>	YES
VOA			6.40	green GLASS	NO	HCl	YES
TSS/TS	<u>05/1</u>		1000	blue HDPE	NO	NONE	YES
METALS, D	<u>09/1</u>		500	red HDPE	YES	HNO <sub>3</sub>	YES
PHYS 1	<u>2007</u>		1000	blue HDPE	NO	NONE	YES
BOD			1000	blue HDPE	NO	NONE	YES
CN	<u>12:00</u>		250	green HDPE	NO	NaOH	YES
TOC			2.40	gray TOC	NO	H <sub>3</sub> PO <sub>4</sub>	YES
COD/TP/TKN			500	yellow HDPE	NO	H <sub>2</sub> SO <sub>4</sub>	YES
DO			300	GLASS	NO	NONE	YES
TOX			500	yellow AMBER	NO	H <sub>2</sub> SO <sub>4</sub>	YES
TC/FC			100	white STERILE	NO	NaThio	YES
P/HERB			3,1000	blue AMBER	NO	NONE	YES
METALS, T			500	red HDPE	NO	HNO <sub>3</sub>	YES

### FIELD WATER QUALITY PARAMETERS

INSTRUMENT NO.	4	1	1	1	2	3	
SAMPLE	SPECIFIC COND (umhos/cm)	pH VALUE	REDOX mV	TEMP (°C)	DISSOLVED OXYGEN (mg/L)	TURBIDITY NTU	TIME
	<u>199</u>	<u>7.8</u>	<u>-44.8</u>	<u>11.2</u>	<u>11.42</u>	<u>14.0</u>	<u>12.15</u>

NOTES:  
INSTRUMENTS CALIBRATED PRIOR TO USE? YES  NO   
#1) pH meter (pH, Redox, Temp) SN# 14768 #3) Turbidimeter # 1  
standards used 4,7 readings 4,7,02 standard used 52.4 reading 53.4  
#2) Dissolved Oxygen Meter SN# 4600 #4) Conductivity Meter SN# 1562

3 VOA TRIP BLANKS TURNED IN WITH THIS SAMPLE? YES  NO

VTRP \_\_\_\_\_ VTRP BUBBLES? YES  NO  BUBBLES: \_\_\_\_\_ DATE: \_\_\_\_\_

QC BOTTLES TURNED IN? YES  NO

SAMPLE IS TAKEN AT A WEIR SAMPLER.

### CUSTODY RECORD:

PERSONNEL Sevin Bilir SIGNATURE [Signature]  
TOTAL NUMBER OF BOTTLES THIS SET 22

# VASW-2 (44)

KING COUNTY  
SOLID WASTE DIVISION

KCSW VASHON LF  
ID SVW10708 14 Q  
DATE 08/14/2007  
TIME 1130  
Sampler SB

## VASHON-2 SURFACE WATER SAMPLING FIELD RECORD

used for first weirs SW-W1, SW-W2, and SW-W3

### FIELD SAMPLING DATA

Station: SW-W1  
Date/Time: 08/14/2007  
Weather: clear cool  
Location Description: ~15 ft W of SW-S1 seepage area

SAMPLE ID # SVW10708 14 Q

SAMPLE TYPE	DATE TIME	METHOD	VOLUME (mL)	CONTAINER TYPE	FIELD FILTERED (YES/NO)	PRES.	ICED YES/NO
RAD			GALLON	plastic CUBE	NO	HNO <sub>3</sub>	YES
VOA			6.40	green GLASS	NO	HCl	YES
TSS/TS	<u>08/1</u>		1000	blue HDPE	NO	NONE	YES
METALS, D	<u>14/1</u>		500	red HDPE	YES	HNO <sub>3</sub>	YES
PHYS 1	<u>2007</u>		1000	blue HDPE	NO	NONE	YES
BOD			1000	blue HDPE	NO	NONE	YES
CN	<u>11:30</u>		250	green HDPE	NO	NaOH	YES
TOC			2.40	gray TOC	NO	H <sub>3</sub> PO <sub>4</sub>	YES
COD/TP/TKN			500	yellow HDPE	NO	H <sub>2</sub> SO <sub>4</sub>	YES
DO			300	GLASS	NO	NONE	YES
TOX			500	yellow AMBER	NO	H <sub>2</sub> SO <sub>4</sub>	YES
TC/FC			100	white STERILE	NO	NaThio	YES
P/HERB			3,1000	blue AMBER	NO	NONE	YES
METALS, T			500	red HDPE	NO	HNO <sub>3</sub>	YES

### FIELD WATER QUALITY PARAMETERS

INSTRUMENT NO.	4	1	1	1	2	3	
SAMPLE	SPECIFIC COND (umhos/cm)	pH VALUE	REDOX mV	TEMP (°C)	DISSOLVED OXYGEN (mg/L)	TURBIDITY NTU	TIME
	<u>229</u>	<u>7.73</u>	<u>-41.3</u>	<u>13.9</u>	<u>7.04</u>	<u>238</u>	<u>1120</u>

NOTES:  
INSTRUMENTS CALIBRATED PRIOR TO USE? YES  NO   
#1) pH meter (pH, Redox, Temp) SN# 14768 #3) Turbidimeter # 1  
standards used 4 & 7 readings 4.01/7.01 standard used 52.4 reading 53.4  
#2) Dissolved Oxygen Meter SN# 4600 #4) Conductivity Meter SN# 1562 1413/1412

3 VOA TRIP BLANKS TURNED IN WITH THIS SAMPLE? YES  NO

VTRP \_\_\_\_\_ VTRP BUBBLES? YES  NO  BUBBLES: \_\_\_\_\_ DATE: \_\_\_\_\_

QC BOTTLES TURNED IN? YES  NO

SAMPLE IS TAKEN AT A WEIR SAMPLER.

### CUSTODY RECORD:

PERSONNEL Sevin B SIGNATURE [Signature]  
TOTAL NUMBER OF BOTTLES THIS SET 22

# VASW-2 (44)

KING COUNTY  
SOLID WASTE DIVISION

## VASHON-2 SURFACE WATER SAMPLING FIELD RECORD

used for first weirs SW-W1, SW-W2, and SW-W3

### FIELD SAMPLING DATA

Station: **SW-W1**

Date/Time: 11/01/2007

Weather: cool, overcast

Location Description: ~15 ft W of SW-S1 seepage area

SAMPLE ID # **SVW10711 01 Q**

SAMPLE TYPE	DATE TIME	METHOD	VOLUME (mL)	CONTAINER TYPE	FIELD FILTERED (YES/NO)	PRES.		KCSW VASHON LF ID VTRP071101R DATE 11/01/2007 TIME 10:15 Sampler SB
						NO	HNO <sub>3</sub>	
RAD			GALLON	plastic CUBE	NO		HNO <sub>3</sub>	
VOA			6.40	green GLASS	NO		HCl	
TSS/TS	11/		1000	blue HDPE	NO		NONE	
METALS, D	01/		500	red HDPE	YES		HNO <sub>3</sub>	
PHYS 1	2007		1000	blue HDPE	NO		NONE	YES
BOD			1000	blue HDPE	NO		NONE	YES
CN	10:15		250	green HDPE	NO		NaOH	YES
TOC			2.40	gray TOC	NO		H <sub>3</sub> PO <sub>4</sub>	YES
COD/TP/TKN			500	yellow HDPE	NO		H <sub>2</sub> SO <sub>4</sub>	YES
DO			300	GLASS	NO		NONE	YES
TOX			500	yellow AMBER	NO		H <sub>2</sub> SO <sub>4</sub>	YES
TC/FC			100	white STERILE	NO		NaThio	YES
P/HERB			3,1000	blue AMBER	NO		NONE	YES
METALS, T			500	red HDPE	NO		HNO <sub>3</sub>	YES

### FIELD WATER QUALITY PARAMETERS

INSTRUMENT NO.	4	1	1	1	2	3	TIME
	SPECIFIC COND (umhos/cm)	pH VALUE	REDOX mV	TEMP (°C)	DISSOLVED OXYGEN (mg/L)	TURBIDITY NTU	
	239	7.69	-38.0	9.1	13.33	87.9	0945

#### NOTES:

INSTRUMENTS CALIBRATED PRIOR TO USE? YES  NO

#1) pH meter (pH, Redox, Temp) SN# 14768

standards used 4 & 7 readings

#2) Dissolved Oxygen Meter SN# 4600

3 VOA TRIP BLANKS TURNED IN WITH THIS SAMPLE? YES  NO

VTRP 071101R VTRP BUBBLES? YES  NO

QC BOTTLES TURNED IN? YES  NO

SAMPLE IS TAKEN AT A WEIR SAMPLER.

#### CUSTODY RECORD:

PERSONNEL

SIGNATURE

TOTAL NUMBER OF BOTTLES THIS SET

22

+3 VTRP

SW123/fieldsheets.xls

# VASW-2 (44)

KING COUNTY SOLID WASTE DIVISION ID VTRP0803 125

KCSWD VASHON LF ID SVW10803 12 Q

## VASHON-2 SURFACE WATER SAMPLING FIELD RECORD

used for first weirs SW-W1, SW-W2, and SW-W3

### FIELD SAMPLING DATA

Station: **SW-W1**

Date/Time: 3/12/2008 125

Weather: cool, overcast

Location Description: ~15 ft W of SW-S1 seepage area

SAMPLE ID # **SVW10803 12 Q**

SAMPLE TYPE	DATE TIME	METHOD	VOLUME (mL)	CONTAINER TYPE	FIELD FILTERED (YES/NO)	PRES.		ICED YES/NO
						NO	HNO <sub>3</sub>	
RAD			GALLON	plastic CUBE	NO		HNO <sub>3</sub>	YES
VOA			6.40	green GLASS	NO		HCl	YES
TSS/TS	3/		1000	blue HDPE	NO		NONE	YES
METALS, D	12/		500	red HDPE	YES		HNO <sub>3</sub>	YES
PHYS 1	2008		1000	blue HDPE	NO		NONE	YES
BOD			1000	blue HDPE	NO		NONE	YES
CN	11:45		250	green HDPE	NO		NaOH	YES
TOC			2.40	gray TOC	NO		H <sub>3</sub> PO <sub>4</sub>	YES
COD/TP/TKN			500	yellow HDPE	NO		H <sub>2</sub> SO <sub>4</sub>	YES
DO			300	GLASS	NO		NONE	YES
TOX			500	yellow AMBER	NO		H <sub>2</sub> SO <sub>4</sub>	YES
TC/FC			100	white STERILE	NO		NaThio	YES
P/HERB			3,1000	blue AMBER	NO		NONE	YES
METALS, T			500	red HDPE	NO		HNO <sub>3</sub>	YES

### FIELD WATER QUALITY PARAMETERS

INSTRUMENT NO.	4	1	1	1	2	3	TIME
	SPECIFIC COND (umhos/cm)	pH VALUE	REDOX mV	TEMP (°C)	DISSOLVED OXYGEN (mg/L)	TURBIDITY NTU	
	216	7.82	-50.3	7.4	7.05	271	1130

#### NOTES:

INSTRUMENTS CALIBRATED PRIOR TO USE? YES  NO

#1) pH meter (pH, Redox, Temp) SN# 3140044

standards used 4 & 7 readings N/A

#2) Dissolved Oxygen Meter SN# 4600 101.7

3 VOA TRIP BLANKS TURNED IN WITH THIS SAMPLE? YES  NO

VTRP 0803125 VTRP BUBBLES? YES  NO

QC BOTTLES TURNED IN? YES  NO

SAMPLE IS TAKEN AT A WEIR SAMPLER.

#### CUSTODY RECORD:

PERSONNEL

SIGNATURE

TOTAL NUMBER OF BOTTLES THIS SET

22

+3 VTRP

SW123/fieldsheets.xls



# VASW (21)

KING COUNTY  
SOLID WASTE DIVISION

## VASHON QUARTERLY SURFACE WATER FIELD

### FIELD SAMPLING DATA

Station: Weir SW-W1  
 Date/Time: 5/21/08 1135  
 Weather: cool so's, overcast  
 Location: VA Hillslope

KCSWD VASHON LF  
 ID SVW1080521Q  
 Date 05/21/2008  
 Sampler SB

VTRP080521S  
 5/21/08  
 SBILIR

### SAMPLING DATA

SAMPLE ID # SVW1080521Q

SAMPLE TYPE	DATE TIME	METHOD	VOLUME (mL)	CONTAINER TYPE	FIELD FILTERED (YES, NO)	PRESERVATIVE	ICED YES/NO
RAD		GRAB		CUBE	NO	HNO <sub>3</sub>	YES
VOA		GRAB	6.40	GLASS	NO	HCl	YES
TSS/TS	5/1	GRAB	1000	HDPE	NO	NONE	YES
METALS	2/1	GRAB	500	HDPE	NO	HNO <sub>3</sub>	YES
PHYS 1	2008	GRAB	1000	HDPE	NO	NONE	YES
BOD	11:45	GRAB	1000	HDPE	NO	NONE	YES
CN		GRAB	250	HDPE	NO	NaOH	YES
TOC		GRAB	2.40	GLASS	NO	H <sub>3</sub> PO <sub>4</sub>	YES
COD/TP/TKN		GRAB	500	HDPE	NO	H <sub>2</sub> SO <sub>4</sub>	YES
DO		GRAB	300	GLASS	NO	NONE	YES
TOX		GRAB	500	AMBER	NO	H <sub>2</sub> SO <sub>4</sub>	YES
TC/FC		GRAB	100	STERILE	NO	NaThio	YES
P/HERB		GRAB	3@1000	AMBER	NO	NONE	YES

GRAB using clean container

### FIELD WATER QUALITY PARAMETERS

INSTR. #	SPEC COND (umhos/cm)	pH VALUE	REDOX mV	TEMPERATURE (°C)	DISSOLVED OXYGEN (mg/L)	TURBIDITY NTU	TIME
1562 SN14768	248	7.82	-50.4	11.3	5.6	10.7	1140

TURB STD USED: 52.4  
 METER READING: 54.7

NOTES:  
 INSTRUMENTS CALIBRATED PRIOR TO USE? YES  NO  TIME: 0730 AM  
 3 VOA TRIP BLANKS INCLUDED? YES  NO  VTRP 080521S DATE: 5/21/08  
 14 QC BOTTLES INCLUDED? YES  NO

### CUSTODY RECORD:

PERSONNEL  
SBILIR

SIGNATURE  
SBILIR

DATE/TIME  
5/21/08  
11:48

TOTAL NUMBER OF BOTTLES THIS SET

21 + 3 VTRP

# VASW-2 (44)

KING COUNTY  
SOLID WASTE DIVISION  
 ID VTRP080715R  
 Date 07/15/2008  
 Sampler SB

KCSWD VASHON LF  
 ID SVW1080715Q  
 Date 07/15/2008  
 Sampler SB

## VASHON-2 SURFACE WATER SAMPLING

used for first weirs SW-W1, SW-W2, and SW-W3

### FIELD SAMPLING DATA

Station: SW-W1  
 Date/Time: 7/15/2008 1115  
 Weather: WARM, FRESH, clear

Location Description: -15 ft W of SW-S1 seepage area

SAMPLE ID # SVW1080715Q

SAMPLE TYPE	DATE TIME	METHOD	VOLUME (mL)	CONTAINER TYPE	FIELD FILTERED (YES, NO)	PRES.	ICED YES/NO
RAD		GRAB	GALLON	plastic CUBE	NO	HNO <sub>3</sub>	YES
VOA		GRAB	6.40	green GLASS	NO	HCl	YES
TSS/TS	7/1	GRAB	1000	blue HDPE	NO	NONE	YES
METALS, D	15/1	peristaltic pump/tubing	500	red HDPE	YES	HNO <sub>3</sub>	YES
PHYS 1	2008	GRAB	1000	blue HDPE	NO	NONE	YES
BOD		GRAB	1000	blue HDPE	NO	NONE	YES
CN	11:30	GRAB	250	green HDPE	NO	NaOH	YES
TOC		GRAB	2.40	gray TOC	NO	H <sub>3</sub> PO <sub>4</sub>	YES
COD/TP/TKN		GRAB	500	yellow HDPE	NO	H <sub>2</sub> SO <sub>4</sub>	YES
DO		GRAB	300	GLASS	NO	NONE	YES
TOX		GRAB	500	yellow AMBER	NO	H <sub>2</sub> SO <sub>4</sub>	YES
TC/FC		GRAB	100	white STERILE	NO	NaThio	YES
P/HERB		GRAB	3,1000	blue AMBER	NO	NONE	YES
METALS, T		GRAB	500	red HDPE	NO	HNO <sub>3</sub>	YES

### FIELD WATER QUALITY PARAMETERS

INSTRUMENT NO.	SPECIFIC COND (umhos/cm)	pH VALUE	REDOX mV	TEMP (°C)	DISSOLVED OXYGEN (mg/L)	TURBIDITY NTU	TIME
GRAB	205	7.91	-55.8	13.8	8.61	53.9	1120

NOTES:  
 INSTRUMENTS CALIBRATED PRIOR TO USE? YES  NO  TIME: 0810  
 #1) pH meter (pH, Redox, Temp) SN# 03140044 #3) Turbidimeter # 1  
 standards used 4 & 7 readings 57.1/-6 standard used 5.36 reading 5.67  
 #2) Dissolved Oxygen Meter SN# 4600 101.7 #4) Conductivity Meter SN# 1562 1413/1411  
 3 VOA TRIP BLANKS TURNED IN WITH THIS SAMPLE? YES  NO   
 VTRP 080715R VTRP BUBBLES? YES  NO  BUBBLES: DATE: 7/15/08  
 QC BOTTLES TURNED IN? YES  NO

SAMPLE IS TAKEN AT A WEIR SAMPLER.

### CUSTODY RECORD:

PERSONNEL  
S. Bilir

SIGNATURE  
SB

TOTAL NUMBER OF BOTTLES THIS SET

22 ✓

# VASW-2 (44)

KING COUNTY  
SOLID WASTE DIVISION

## VASHON-2 SURFACE WATER SAMPLING FIELD RECORD

used for first weirs SW-W1, SW-W2, and SW-W3

### FIELD SAMPLING DATA

Station: **SW-W1**

Date/Time: 10/06/2008 1200

Weather: Cold SOP's, overcast

Location Description: ~15 ft W of SW-S1 seepage area

SAMPLE ID # **SVW1081006 Q**

SAMPLE TYPE	DATE TIME	METHOD	VOLUME (mL)	CONTAINER TYPE	FIELD FILTERED (YES/NO)	PRES.	ICED YES/NO
RAD		Peristaltic Pump w/ clean tubing	GALLON	plastic CUBE	NO	HNO <sub>3</sub>	YES
VOA			6.40	green GLASS	NO	HCl	YES
TSS/TS	10/		1000	blue HDPE	NO	NONE	YES
METALS, D	06/	Peristaltic Pump w/ clean tubing	500	red HDPE	YES	HNO <sub>3</sub>	YES
PHYS 1	2008		1000	blue HDPE	NO	NONE	YES
BOD			1000	blue HDPE	NO	NONE	YES
CN	13:00		250	green HDPE	NO	NaOH	YES
TOC			2.40	gray GLASS	NO	H <sub>3</sub> PO <sub>4</sub>	YES
COD/TP/TKN			500	yellow HDPE	NO	H <sub>2</sub> SO <sub>4</sub>	YES
DO			300	GLASS/PLASTIC	NO	NONE	YES
TOX			500	yellow AMBER	NO	H <sub>2</sub> SO <sub>4</sub>	YES
TC/FC			100	white STERILE	NO	NaThio	YES
P/HERB			3,1000	blue AMBER	NO	NONE	YES
METALS, T		500	red HDPE	NO	HNO <sub>3</sub>	YES	

### FIELD WATER QUALITY PARAMETERS

INSTRUMENT NO.	SPECIFIC COND (umhos/cm)	pH VALUE	REDOX mV	TEMP (°C)	DISSOLVED OXYGEN (mg/L)	TURBIDITY NTU	TIME
Peristaltic Pump w/ clean tubing	228	7.2	-11.5	12.4	8.48	27.3	1210

*H2O in stream had been disturbed. Hence, turb.*

#### NOTES:

INSTRUMENTS CALIBRATED PRIOR TO USE? YES  NO

#1) pH meter (pH, Redox, Temp) SN# 03140044 TIME: 0930  
standards used 4 & 7 readings 4.01/7  
#3) Turbidimeter # 1 standard used 52.4 reading 54.6

#2) Dissolved Oxygen Meter SN# 4600 101.7  
#4) Conductivity Meter SN# 1562 1413/1420

3 VOA TRIP BLANKS TURNED IN WITH THIS SAMPLE? YES  NO

VTRP VTRP BUBBLES? YES  NO  BUBBLES: DATE:

QC BOTTLES TURNED IN? YES  NO

EQUIPMENT BLANK TURNED IN WITH THIS SAMPLE? YES  NO

SAMPLE IS TAKEN AT SURFACE WATER/ GROUNDWATER INTERFACE.

### CUSTODY RECORD:

PERSONNEL: S. Blair  
SIGNATURE: *[Signature]*  
DATE / TIME: 10/06/08 : 1345

TOTAL NUMBER OF BOTTLES THIS SET: 22

# VASW-2 (44)

KING COUNTY  
SOLID WASTE DIVISION

## VASHON-2 SURFACE WATER SAMPLING FIELD RECORD

used for first weirs SW-W1, SW-W2, and SW-W3

### FIELD SAMPLING DATA

Station: **SW-W1**

Date/Time: 01/06/2009 1230

Weather: Rain, overcast, windy, 40's

Location Description: ~15 ft W of SW-S1 seepage area

SAMPLE ID # **SVW10810 Q**

SAMPLE TYPE	DATE TIME	METHOD	VOLUME (mL)	CONTAINER TYPE	FIELD FILTERED (YES/NO)	PRES.	ICED YES/NO
RAD		Peristaltic Pump w/ clean tubing	GALLON	plastic CUBE	NO	HNO <sub>3</sub>	YES
VOA			6.40	green GLASS	NO	HCl	YES
TSS/TS	01/		1000	blue HDPE	NO	NONE	YES
METALS, D	1/	Peristaltic Pump w/ clean tubing	500	red HDPE	YES	HNO <sub>3</sub>	YES
PHYS 1	2009		1000	blue HDPE	NO	NONE	YES
BOD			1000	blue HDPE	NO	NONE	YES
CN			250	green HDPE	NO	NaOH	YES
TOC			2.40	gray GLASS	NO	H <sub>3</sub> PO <sub>4</sub>	YES
COD/TP/TKN			500	yellow HDPE	NO	H <sub>2</sub> SO <sub>4</sub>	YES
DO			300	GLASS/PLASTIC	NO	NONE	YES
TOX			500	yellow AMBER	NO	H <sub>2</sub> SO <sub>4</sub>	YES
TC/FC			100	white STERILE	NO	NaThio	YES
P/HERB			3,1000	blue AMBER	NO	NONE	YES
METALS, T		500	red HDPE	NO	HNO <sub>3</sub>	YES	

### FIELD WATER QUALITY PARAMETERS

INSTRUMENT NO.	SPECIFIC COND (umhos/cm)	pH VALUE	REDOX mV	TEMP (°C)	DISSOLVED OXYGEN (mg/L)	TURBIDITY NTU	TIME
Peristaltic Pump w/ clean tubing							

#### NOTES:

INSTRUMENTS CALIBRATED PRIOR TO USE? YES  NO

#1) pH meter (pH, Redox, Temp) SN# 03140044 TIME:  
standards used 4 & 7 readings  
#3) Turbidimeter # 1 standard used 52.4 reading

#2) Dissolved Oxygen Meter SN# 4600  
#4) Conductivity Meter SN# 1562 1413/

3 VOA TRIP BLANKS TURNED IN WITH THIS SAMPLE? YES  NO

VTRP VTRP BUBBLES? YES  NO  BUBBLES: DATE:

QC BOTTLES TURNED IN? YES  NO

EQUIPMENT BLANK TURNED IN WITH THIS SAMPLE? YES  NO

SAMPLE IS TAKEN AT SURFACE WATER/ GROUNDWATER INTERFACE.

### CUSTODY RECORD:

PERSONNEL: S. Blair  
SIGNATURE: *[Signature]*  
DATE / TIME: 01/06/09 : 1235

TOTAL NUMBER OF BOTTLES THIS SET: N/A

# VASW-2 (44)

KING COUNTY  
SOLID WASTE DIVISION

KCSWD VASHON LF  
ID SVW1090326Q  
Date 03/26/2009  
Sampler SB

## VASHON-2 SURFACE WATER SAMPLING FIELD RECORD

used for first weirs SW-W1, SW-W2, and SW-W3

### FIELD SAMPLING DATA

Station: SW-W1  
Date/Time: 03/26/2009 1045  
Weather: cool, overcast, 40's  
Location Description: ~15 ft W of SW-S1 seepage area

SAMPLE ID # SVW1090326 Q

SAMPLE TYPE	DATE TIME	METHOD	VOLUME (mL)	CONTAINER TYPE	FIELD FILTERED (YES/NO)	PRES.	ICED YES/NO
RAD			GALLON	plastic CUBE	NO	HNO <sub>3</sub>	YES
VOA			6,40	green GLASS	NO	HCl	YES
TSS/TS	03/		1000	blue HDPE	NO	NONE	YES
METALS, D	26/	Peristaltic Pump w/ clean tubing	500	red HDPE	YES	HNO <sub>3</sub>	YES
PHYS 1	2009		1000	blue HDPE	NO	NONE	YES
BOD			1000	blue HDPE	NO	NONE	YES
CN	11:00		250	green HDPE	NO	NaOH	YES
TOC			2,40	gray GLASS	NO	H <sub>2</sub> PO <sub>4</sub>	YES
COD/TP/TKN			500	yellow HDPE	NO	H <sub>2</sub> SO <sub>4</sub>	YES
DO			300	GLASS/PLASTIC	NO	NONE	YES
TOX			500	yellow AMBER	NO	H <sub>2</sub> SO <sub>4</sub>	YES
TC/FC			100	white STERILE	NO	NaThio	YES
P/HERB			3,1000	blue AMBER	NO	NONE	YES
METALS, T		500	red HDPE	NO	HNO <sub>3</sub>	YES	

COPY

### FIELD WATER QUALITY PARAMETERS

INSTRUMENT NO.	SPECIFIC COND (µmhos/cm)	pH VALUE	REDOX mV	TEMP (°C)	DISSOLVED OXYGEN (mg/L)	TURBIDITY NTU	TIME
Peristaltic Pump w/ clean tubing	202	8.43	-77.8	5.6	9.87	3.15	1045

NOTES:  
INSTRUMENTS CALIBRATED PRIOR TO USE? YES  NO   
#1) pH meter (pH, Redox, Temp) SN# 03140044 #3) Turbidimeter # 1  
standards used 4 & 7 readings -55.71-6 standard used 52.4 reading 57  
#2) Dissolved Oxygen Meter SN# 4600 101.7 #4) Conductivity Meter SN# 1562 1413/1440

3 VOA TRIP BLANKS TURNED IN WITH THIS SAMPLE? YES  NO   
VTRP VTRP BUBBLES? YES  NO  BUBBLES: DATE:  
QC BOTTLES TURNED IN? YES  NO   
EQUIPMENT BLANK TURNED IN WITH THIS SAMPLE? YES  NO

SAMPLE IS TAKEN AT SURFACE WATER/ GROUNDWATER INTERFACE.

### CUSTODY RECORD:

PERSONNEL: S. Bilir SIGNATURE: [Signature] DATE/TIME: 3/25/2009 11:30  
TOTAL NUMBER OF BOTTLES THIS SET: 22

KING COUNTY  
SOLID WASTE DIVISION

# VASW-2 (44)

KCSWD VASHON LF  
ID SVW1090713Q  
Date 07/13/2009  
Sampler SB

## VASHON-2 SURFACE WATER FIELD RECORD

used for Weirs SW-W1, SW-W2, and SW-W3

### FIELD SAMPLING DATA

Station: SW-W1  
Date/Time: 07/13/2009 1105  
Weather: overcast, ~60°F  
Location: ~15 ft W of SW-S1 seepage area

SAMPLE ID # SVW1090713 Q

SAMPLE TYPE	DATE TIME	METHOD	VOLUME (mL)	CONTAINER TYPE	FIELD FILTERED (YES/NO)	PRESERVATIVE	ICED YES/NO
TSS		GRAB	1000	WM HDPE	NO	NONE	YES
COND/pH/ALK/TURB		GRAB	500	WM HDPE	NO	NONE	YES
TDS/TOTS		GRAB	500	WM HDPE	NO	NONE	YES
ORTHOP/NH <sub>3</sub> /NO <sub>2</sub> /NO <sub>3</sub>	07/13/2009	GRAB	60	WM HDPE	YES	NONE	YES
TOTP		GRAB	250	WM HDPE	NO	NONE	YES
CB/FL/SO <sub>4</sub>		GRAB	125	NM HDPE	NO	NONE	YES
CN	11:10	GRAB	500	WM AMBER HDPE	NO	NaOH	YES
TKN/COD		GRAB	250	WM HDPE	NO	H <sub>2</sub> SO <sub>4</sub>	YES
WDO		GRAB	300	GLASS	NO	H <sub>2</sub> SO <sub>4</sub> / AIA	NO
BOD		GRAB	2000	WM HDPE	NO	NONE	YES
TOC		GRAB	2,40	AMBER GLASS	NO	H <sub>2</sub> PO <sub>4</sub>	YES
TOX		GRAB	500	AMBER GLASS	NO	H <sub>2</sub> SO <sub>4</sub>	YES
METALS, t		GRAB	500	Acid Washed HDPE	NO	NONE	YES
METALS, d		GRAB	500	Acid Washed HDPE	YES	NONE	YES
TC/FC		GRAB	500	STERILE	NO	NONE	YES
P/HERB		GRAB	3,1000	AMBER	NO	NONE	YES
VOA		GRAB	4,40	GLASS	NO	HCl	YES

F Not Real

FILTER ORTHO SAMPLE USING METALS FILTER  
Preserve WDO w/ PILLOW POUCHES & Place in insulated covers  
LABEL & FILTER ONE OF THE METALS BOTTLES "FIELD FILTERED"

### FIELD WATER QUALITY PARAMETERS

INSTRUMENT NO.	SPEC COND (µmhos/cm)	pH VALUE	REDOX mV	TEMPERATURE (°C)	DISSOLVED OXYGEN (mg/L)	TURBIDITY NTU	TIME
1562	03140044	03140044	3140044	4600	1		
GRAB	238	7.61	-37.2	13.4	5.05	20.8	1115

NOTES:  
DID THE LEAD ACETATE TEST STRIP INDICATE THE PRESENCE OF SULFIDE IN CN BOTTLE? YES  NO  NO REACTION  
PUT TEST STRIP RESULTS ON COC. "test strip = no reaction" or "sulfide < 50 ppm"...or...  
if test strip deters "test strip=reaction", write in column next to # of bottles

INSTRUMENTS CALIBRATED PRIOR TO USE? YES  NO  BUFFERS: (4, 7, 10)  
4 QC BOTTLES (4 P/HERB) INCLUDED? YES  NO   
3 VTRP's INCLUDED WITH THIS SET? YES  NO  VTRP0907 DATE:  
BUBBLES? YES  NO  SIZES: N/A

CUSTODY RECORD: PERSONNEL: S. Bilir SIGNATURE: [Signature] DATE/TIME: 07/13/09 12:30  
TOTAL NUMBER OF BOTTLES THIS SET: 23

COPY



VASW-2 (44)

KCSWD VASHON LF  
ID SVW1091020Q

VASHON-2 SURFACE WATER FIELD RECORD

used for Weirs SW-W1, SW-W2, and SW-W3

Date 10/20/2009

Sampler SB

FIELD SAMPLING DATA

Station: SW-W1  
Date/Time: 10 / 20 / 2009 1200  
Weather: overcast 50°F's  
Location: -15 ft W of SW-S1 seepage area

COPY

SAMPLE ID # SVW1091020Q

SAMPLE TYPE	DATE TIME	VOLUME (mL)	CONTAINER TYPE	FIELD FILTERED (YES/NO)	PRESERVATIVE	ICED YES/NO
TSS		GRAB 1000	WM HDPE	NO	NONE	YES
COND/pH/ALK/TURB		GRAB 500	WM HDPE	NO	NONE	YES
TDS/TOTS	10/	GRAB 500	WM HDPE	NO	NONE	YES
ORTHOP/NH <sub>3</sub> /NO <sub>2</sub> /NO <sub>3</sub>	20/	GRAB 60	WM HDPE	YES	NONE	YES
TOTP	2009	GRAB 250	WM HDPE	NO	NONE	YES
CL/FL/SO <sub>4</sub>		GRAB 125	WM HDPE	NO	NONE	YES
CH	12:05	GRAB 500	WM AMBER HDPE	NO	NaOH	YES
TKN/COD		GRAB 250	WM HDPE	NO	H2SO4	YES
NDO		GRAB 300	GLASS	NO	MnSO4 / ATA	NO
BOD		GRAB 2000	WM HDPE	NO	NONE	YES
TOC		GRAB 2,40	AMBER GLASS	NO	H2PO4	YES
TOX		GRAB 500	AMBER GLASS	NO	H2SO4	YES
METALS, c		GRAB 500	Acid Washed HDPE	NO	NONE	YES
METALS, d		GRAB 500	Acid Washed HDPE	YES	NONE	YES
TC/FC		GRAB 500	STBRILLS	NO	NONE	YES
PEST/HERB		GRAB 3, 1000	AMBER	NO	NONE	YES
VOA		GRAB 4,40	GLASS	NO	HCl	YES

FILTER ORTHOP SAMPLE USING METALS FILTER  
Preserve WDO w/ PILLOW POUCHES & Place in Insulated covers  
LABEL & FILTER ONE OF THE METALS BOTTLES "FIELD FILTERED"

FIELD WATER QUALITY PARAMETERS

INSTRUMENT NO.	1562	03140044	03140044	03140044	4600	TURB STD USED	5.36
METER READING	1						5.87
SAMPLE	SPEC COND (umhos/cm)	pH VALUE	REDOX mV	TEMPERATURE (°C)	DISSOLVED OXYGEN (mg/L)	TURBIDITY NTU	TIME
GRAB	173.1	7.84	-47.3	11.3	6.07	18.8	1210

DID THE LEAD ACETATE TEST STRIP INDICATE THE PRESENCE OF SULFIDE IN CN BOTTLE? YES  NO   
PUT TEST STRIP RESULTS ON COC... (est strip = no reaction) or "sulfide < 50 ppm" or...  
If test strip darkens "test strip=reaction", write in column next to # of bottles

INSTRUMENTS CALIBRATED PRIOR TO USE? YES  NO  BUFFERS: (4, 7) 10  
4 QC BOTTLES (4 P/HERB) INCLUDED? YES  NO   
3 VTRPs INCLUDED WITH THIS SET? YES  NO  VTRP0910 DATE:  
BUBBLES? YES  NO  SIZES: N/A

CUSTODY RECORD:

PERSONNEL: Sevin Hiller  
SIGNATURE: [Signature]  
DATE/TIME: 10/20/09

TOTAL NUMBER OF BOTTLES THIS SET 24

VASW-2 (44)

KCSWD VASHON LF  
ID SVW1100121Q

VASHON-2 SURFACE WATER FIELD RECORD

used for Weirs SW-W1, SW-W2, and SW-W3

Date 01/21/2010

Sampler SB/TR

FIELD SAMPLING DATA

Station: SW-W1  
Date/Time: 01 / 21 / 2010 1135  
Weather: cloudy  
Location: -15 ft W of SW-S1 seepage area

COPY

SAMPLEID# SVW1100121Q

SAMPLE TYPE	DATE TIME	VOLUME (mL)	CONTAINER TYPE	FIELD FILTERED (YES/NO)	PRESERVATIVE	ICED YES/NO
TSS		GRAB 1000	WM HDPE	NO	NONE	YES
COND/ALK/TURB		GRAB 500	WM HDPE	NO	NONE	YES
TDS/TOTS	01/	GRAB 500	WM HDPE	NO	NONE	YES
ORTHOP/NH <sub>3</sub> /NO <sub>2</sub> /NO <sub>3</sub>	21/	GRAB 60	WM HDPE	YES	NONE	YES
TOTP	2010	GRAB 250	WM HDPE	NO	NONE	YES
CL/FL/SO <sub>4</sub>		GRAB 125	WM HDPE	NO	NONE	YES
CH	11:40	GRAB 500	WM AMBER HDPE	NO	NaOH	YES
TKN/COD		GRAB 250	WM HDPE	NO	H2SO4	YES
NDO		GRAB 300	GLASS	NO	MnSO4 / ATA	NO
BOD		GRAB 2000	WM HDPE	NO	NONE	YES
TOC		GRAB 2,40	AMBER GLASS	NO	H2PO4	YES
TOX		GRAB 500	AMBER GLASS	NO	H2SO4	YES
METALS, c		GRAB 500	Acid Washed HDPE	NO	NONE	YES
METALS, d		GRAB 500	Acid Washed HDPE	YES	NONE	YES
TC/FC		GRAB 500	STBRILLS	NO	NONE	YES
PEST/HERB		GRAB 3, 1000	AMBER	NO	NONE	YES
VOA		GRAB 4,40	GLASS	NO	HCl	YES

REMEMBER TO FILTER THE ORTHOPHOSPHATE SAMPLE!  
FILTER DISS METALS & MAKE SURE THE TOTAL AND DISSOLVED METALS GO INTO CORRECT BOTTLES.  
LABEL ONE OF THE METALS BOTTLES "FIELD FILTERED" AND THEN FILTER THAT ONE!

FIELD WATER QUALITY PARAMETERS

INSTRUMENT NO.	1562	03140044	1562	0000323	1	TURB STD USED	5.36
METER READING	1						5.78
SAMPLE	SPEC COND (umhos/cm)	pH VALUE	TEMPERATURE (°C)	DISSOLVED OXYGEN (mg/L)	TURBIDITY NTU	TIME	
GRAB	192.3	7.29	8.6	14.2	11.4	1135	

DID THE LEAD ACETATE TEST STRIP INDICATE THE PRESENCE OF SULFIDE IN CN BOTTLE? YES  NO   
PUT TEST STRIP RESULTS ON COC... (est strip = no reaction) or "sulfide < 50 ppm" or...  
If test strip darkens "test strip=reaction", write in column next to # of bottles

INSTRUMENTS CALIBRATED PRIOR TO USE? YES  NO  BUFFERS: (4, 7) 10  
4 QC BOTTLES (4 P/HERB) INCLUDED? YES  NO   
3 VTRPs INCLUDED WITH THIS SET? YES  NO  VTRP1001 DATE:  
BUBBLES? YES  NO  SIZES: N/A

CUSTODY RECORD:

PERSONNEL: SBILIR / Rthompson  
SIGNATURE: [Signature]  
DATE/TIME: 01/21/10

TOTAL NUMBER OF BOTTLES THIS SET 22



KING COUNTY  
SOLID WASTE DIVISION

KCSWD VASHON LF  
ID SVW1100419Q  
Date 04/19/2010

VASW-2 (44)

VASHON-2 SURFACE WATER FIELD RECORD Sampler RT/BK/

FIELD SAMPLING DATA

Station: SW-W1  
Date/Time: 4/19/10 12:10  
Weather: Overcast, 60's  
Location: Weir 1, West hillslope

COPY

SAMPLING DATA

SAMPLE ID #	SAMPLE TYPE	DATE TIME	METHOD	VOLUME (mL)	CONTAINER TYPE	FIELD FILTERED (YES, NO)	PRESERVATIVE	ICED YES NO
SVW1100419	UTSS	04/19/10	GRAB	1000	WM HDPE	NO	NONE	YES
	COND/ALK/TURB	10/1	GRAB	500	WM HDPE	NO	NONE	YES
	TDS/TOTS	2010	GRAB	500	WM HDPE	NO	NONE	YES
	ORTHOP/NH <sub>3</sub> /NO <sub>2</sub> /NO <sub>3</sub>	12:20 a.m.	GRAB	60	WM HDPE	YES	NONE	YES
	TOTP		GRAB	250	WM HDPE	NO	NONE	YES
	CL/PL/SO <sub>4</sub>		GRAB	125	WM HDPE	NO	NONE	YES
	CN		GRAB	500	WM AMBER HDPE	NO	NaOH	YES
	TKN/COD		GRAB	250	WM HDPE	NO	H <sub>2</sub> SO <sub>4</sub>	YES
	BOD		GRAB	2000	WM HDPE	NO	NONE	YES
	TOC		GRAB	2,400	AMBER GLASS	NO	H <sub>2</sub> SO <sub>4</sub>	YES
	TOX		GRAB	500	AMBER GLASS	NO	H <sub>2</sub> SO <sub>4</sub>	YES
	METALS, t		GRAB	500	Acid Washed HDPE	NO	NONE	YES
	METALS, d		GRAB	500	Acid Washed HDPE	YES	NONE	YES
	TC/PC		GRAB	500	STERILE	NO	NONE	YES
	PEST/HERB		GRAB	3,1000	AMBER	NO	NONE	YES
	VOA		GRAB	4,400	GLASS	NO	HCl	YES

REMEMBER TO FILTER THE ORTHOPHOSPHATE SAMPLE!  
PLEASE REMEMBER TO FILTER THE DISS METALS AND MAKE SURE THE TOTAL AND DISSOLVED METALS GO INTO THE CORRECT BOTTLES.

DON'T FORGET TO LABEL ONE OF THE METALS BOTTLES "FIELD FILTERED" - AND THEN FILTER THAT ONE!

FIELD WATER QUALITY PARAMETERS

INSTRUMENT NO.	SPEC COND (umhos/cm)	pH VALUE	TEMPERATURE (°C)	DISSOLVED OXYGEN (mg/L)	TURBIDITY NTU	TIME
1562	214004	7.11	13.1	NM	6.01	12:30

TURBID METER USED: 5.36  
METER READING: 4.91

NOTES: DID THE LEAD ACETATE TEST STRIP INDICATE THE PRESENCE OF SULFIDE? YES  NO   
REMEMBER TO PUT SULFIDE CHECK READINGS FOR CYANIDE ON CHAIN OF CUSTODY!

INSTRUMENTS CALIBRATED PRIOR TO USE? YES  NO  BUFFERS: (4, 7, 10)

4 QC BOTTLES (4 P/HERB) INCLUDED? YES  NO

3 VTRP#s INCLUDED WITH THIS SET? YES  NO

BUBBLES? YES  NO  SIZES:

CUSTODY RECORD:

PERSONNEL: RT/AB

SIGNATURE: [Signature]

DATE/TIME: 4/19/10 12:45

KING COUNTY  
SOLID WASTE DIVISION

VASW-2 (44)

VASHON-2 SURFACE WATER FIELD RECORD

FIELD SAMPLING DATA (used for Weirs SW-W1, SW-W2 and SW-W3)

Station: SW-W1  
Date/Time: 8-16-10 1:05 PM  
Weather: Clear, Warm  
Location: Weir 1

KCSWD VASHON LF  
ID SVW1100816Q  
Date 08/16/2010  
Sampler RT/BK

Place label here

SAMPLING DATA

SAMPLE ID #	SAMPLE TYPE	DATE TIME	METHOD	VOLUME (mL)	CONTAINER TYPE	FIELD FILTERED (YES, NO)	PRESERVATIVE	ICED YES NO
SVW1100816Q	TSS	8/16/10	GRAB	1000	WM HDPE	NO	NONE	YES
	COND/ALK/TURB	10/1	GRAB	500	WM HDPE	NO	NONE	YES
	TDS/TOTS	2010	GRAB	500	WM HDPE	NO	NONE	YES
	ORTHOP/NH <sub>3</sub> /NO <sub>2</sub> /NO <sub>3</sub>	1:15 a.m.	GRAB	60	WM HDPE	YES	NONE	YES
	TOTP		GRAB	250	WM HDPE	NO	NONE	YES
	CL/FL/SO <sub>4</sub>		GRAB	125	WM HDPE	NO	NONE	YES
	CN		GRAB	500	WM AMBER HDPE	NO	NaOH	YES
	TKN/COD		GRAB	250	WM HDPE	NO	H <sub>2</sub> SO <sub>4</sub>	YES
	BOD		GRAB	2000	WM HDPE	NO	NONE	YES
	TOC		GRAB	2,400	AMBER GLASS	NO	H <sub>2</sub> SO <sub>4</sub>	YES
	TOX		GRAB	500	AMBER GLASS	NO	H <sub>2</sub> SO <sub>4</sub>	YES
	METALS, t		GRAB	500	Acid Washed HDPE	NO	NONE	YES
	METALS, d		GRAB	500	Acid Washed HDPE	YES	NONE	YES
	TC/PC		GRAB	500	STERILE	NO	NONE	YES
	PEST/HERB		GRAB	3,1000	AMBER	NO	NONE	YES
	VOA		GRAB	4,400	GLASS	NO	HCl	YES

REMEMBER TO FILTER THE ORTHOPHOSPHATE SAMPLE!  
PLEASE REMEMBER TO FILTER THE DISS METALS AND MAKE SURE THE TOTAL AND DISSOLVED METALS GO INTO THE CORRECT BOTTLES.

DON'T FORGET TO LABEL ONE OF THE METALS BOTTLES "FIELD FILTERED" - AND THEN FILTER THAT ONE!

FIELD WATER QUALITY PARAMETERS

INSTRUMENT NO.	SPEC COND (umhos/cm)	pH VALUE	TEMPERATURE (°C)	DISSOLVED OXYGEN (mg/L)	TURBIDITY NTU	TIME
	197	7.22	17.3	NM	34.5	1:10 8/16/10

TURBID METER USED: 5.36  
METER READING: 4.98

NOTES: DID THE LEAD ACETATE TEST STRIP INDICATE THE PRESENCE OF SULFIDE? YES  NO   
REMEMBER TO PUT SULFIDE CHECK READINGS FOR CYANIDE ON CHAIN OF CUSTODY!

INSTRUMENTS CALIBRATED PRIOR TO USE? YES  NO  BUFFERS: (4, 7, 10)

4 QC BOTTLES (4 P/HERB) INCLUDED? YES  NO

3 VTRP#s INCLUDED WITH THIS SET? YES  NO

BUBBLES? YES  NO  SIZES:

CUSTODY RECORD:

PERSONNEL: [Signature]

SIGNATURE: [Signature]

DATE/TIME: 8/16/10 1:50

TOTAL NUMBER OF BOTTLES THIS SET: 22

KING COUNTY  
SOLID WASTE DIVISION

WASTEWATER  
SL 11/10/10

KCSWD VASHON LF  
ID VTRP101109R

Date 11/09/2010  
Sampler RT/SM

VASW (21)

VASHON QUARTERLY SURFACE WATER FIELD

FIELD SAMPLING DATA

Station: Sw-w1 Weir  
Date/Time: 11-9-2010 1230  
Weather: Rain, 40°F  
Location: West Hillslope - Vashon

KCSWD VASHON LF  
ID SVW1101109Q  
Date 11/09/2010  
Sampler RT/SM

SAMPLING DATA

SAMPLE ID # SVW1101109 Q

SAMPLE TYPE	DATE TIME	METHOD	VOLUME (mL)	CONTAINER TYPE	FIELD FILTERED (YES/NO)	PRESERVATIVE	ICED YES/NO
TSS	11/9/10	GRAB	1000	WM HDPE	NO	NONE	YES
COND/ALK/TURB	09/10	GRAB	500	WM HDPE	NO	NONE	YES
TDS/TOTS	2010	GRAB	500	WM HDPE	NO	NONE	YES
ORTHOP/NI/NO <sub>2</sub> /NO <sub>3</sub>	12:30	GRAB	60	WM HDPE	NO	NONE	YES
TOTP	p.m.	GRAB	250	WM HDPE	YES	NONE	YES
CL/FL/SO <sub>4</sub>		GRAB	125	WM HDPE	NO	NONE	YES
CN		GRAB	500	NM HDPE	NO	NONE	YES
TKN/COD		GRAB	250	WM HDPE	NO	NaOH	YES
BOD		GRAB	2000	WM HDPE	NO	H <sub>2</sub> SO <sub>4</sub>	YES
TOC		GRAB	2,40	AMBER GLASS	NO	NONE	YES
TOX		GRAB	500	AMBER GLASS	NO	H <sub>2</sub> PO <sub>4</sub>	YES
METALS, t		GRAB	500	Acid Washed HDPE	NO	H <sub>2</sub> SO <sub>4</sub>	YES
METALS, d		GRAB	500	Acid Washed HDPE	NO	NONE	YES
TC/FC		GRAB	500	STERILE	ND*	NONE	YES
VOA		GRAB	4,40	GLASS	NO	HCl	YES
PEST/HERB		GRAB	3,1000	AMBER	NO	NONE	YES

REMEMBER TO FILTER THE ORTHOPHOSPHATE SAMPLE!  
PLEASE REMEMBER TO FILTER THE DISS METALS AND MAKE SURE THE TOTAL AND DISSOLVED METALS GO INTO THE CORRECT BOTTLES.

FIELD WATER QUALITY PARAMETERS

INSTR.	SPEC COND (umhos/cm)	pH VALUE	TEMPERATURE (°C)	DISSOLVED OXYGEN (mg/L)	TURBIDITY NTU	TIME
1	200	6.65	8.6	9.33	47.9	1230

TURB STD USED: 3.77  
METER READING: 3.76

NOTES: DID THE LEAD ACETATE TEST STRIP INDICATE THE PRESENCE OF SULFIDE? YES  NO   
REMEMBER TO PUT SULFIDE CHECK READINGS FOR CYANIDE ON CHAIN OF CUSTODY!  
INSTRUMENTS CALIBRATED PRIOR TO USE? YES  NO  BUFFERS: (4) 10 10:47  
3 VOA TRIP BLANKS INCLUDED? YES  NO  VTRP 10/10/9R DATE: 11-08-10  
VTRP BUBBLES? YES  NO  BUBBLE DIAMETERS: 3 @ 2, 3, 4  
4 QC BOTTLES (4 P/HERB) INCLUDED? YES  NO

CUSTODY RECORD:

\* pump ran out of battery. Not field filtered.

PERSONNEL: Pabeena Thompson SIGNATURE: Pabeena DATE/TIME: 11/09/2010 13:22

TOTAL NUMBER OF BOTTLES THIS SET: 22 + 3 VTRP

KING COUNTY  
SOLID WASTE DIVISION

VASW (21)

VASHON QUARTERLY SURFACE WATER FIELD RECORD

FIELD SAMPLING DATA

Station: Weir SW-2  
Date/Time: 03-28-07  
Weather: Sunny, clear, mid 50°F's  
Location: Hillslope

KCSW VASHON LF  
ID SVW2070328Q  
DATE 03/28/07  
TIME 1145  
SAMPLER SB

SAMPLING DATA

SAMPLE ID # SVW2070328 Q

SAMPLE TYPE	DATE TIME	METHOD	VOLUME (mL)	CONTAINER TYPE	FIELD FILTERED (YES/NO)	PRESERVATIVE	ICED YES/NO
RAD		GRAB	GALLON	CUBE	NO	HNO <sub>3</sub>	NO
VOA		GRAB	6,40	GLASS	NO	HCl	YES
TSS/TS	03/28	GRAB	1000	HDPE	NO	NONE	YES
METALS	28/07	GRAB	500	HDPE	NO	HNO <sub>3</sub>	YES
PHYS 1	2007	GRAB	1000	HDPE	NO	NONE	YES
BOD	11:45	GRAB	1000	HDPE	NO	NONE	YES
CN		GRAB	250	HDPE	NO	NONE	YES
TOC		GRAB	2,40	GLASS	NO	NaOH	YES
COD/TP/TKN		GRAB	500	HDPE	NO	H <sub>2</sub> PO <sub>4</sub>	YES
DO		GRAB	300	GLASS	NO	H <sub>2</sub> SO <sub>4</sub>	YES
TOX		GRAB	500	AMBER	NO	NONE	YES
TC/FC		GRAB	100	STERILE	NO	H <sub>2</sub> SO <sub>4</sub>	YES
P/HERB		GRAB	3@1000	AMBER	NO	NaThio	YES

FIELD WATER QUALITY PARAMETERS

INSTR. #	SPEC COND (umhos/cm)	pH VALUE	REDOX mV	TEMPERATURE (°C)	DISSOLVED OXYGEN (mg/L)	TURBIDITY NTU	TIME
1562	14768	8.35	-75.5	8.6	17.5	5.21	11:50

TURB STD USED: 5.36  
METER READING: 5.68

NOTES:  
INSTRUMENTS CALIBRATED PRIOR TO USE? YES  NO  TIME: 9am-10am  
3 VOA TRIP BLANKS INCLUDED? YES  NO  VTRP DATE:  
14 QC BOTTLES INCLUDED? YES  NO

CUSTODY RECORD:

PERSONNEL: SEVIN BILIE SIGNATURE: [Signature] DATE/TIME: 03/28/07 16:14

TOTAL NUMBER OF BOTTLES THIS SET: (21) ✓

COPY

# VASW-2 (44)

KING COUNTY  
SOLID WASTE DIVISION

KC VASHON LF  
ID SVW2070509Q  
DATE 05/09/07  
TIME 1130  
SAMPLER SB

## VASHON-2 SURFACE WATER SAMPLING FIELD RECORD

used for first weirs SW-1, SW-2, and SW-3

### FIELD SAMPLING DATA

Station: SW-2

Date/Time: 05/09/07 1115

Weather: clear, cool

Location Description: near property line  
~30 ft east of SW-4

**COPY**

SAMPLE ID # SVW207 05 09 Q

SAMPLE TYPE	DATE TIME	METHOD	VOLUME (mL)	CONTAINER TYPE	FIELD FILTERED (YES/NO)	PRES.	ICED YES/NO
RAD		GRAB	GALLON	plastic CUBE	NO	HNO <sub>3</sub>	YES
VOA		GRAB	6,40	green GLASS	NO	HCl	YES
TSS/TS	<u>05/09/07</u>	GRAB	1000	blue HDPE	NO	NONE	YES
METALS, D	<u>09/1</u>	GRAB	500	red HDPE	YES	HNO <sub>3</sub>	YES
PHYS 1	<u>2007</u>	GRAB	1000	blue HDPE	NO	NONE	YES
BOD		GRAB	1000	blue HDPE	NO	NONE	YES
CN	<u>11:30</u>	GRAB	250	green HDPE	NO	NaOH	YES
TOC		GRAB	2,40	gray TOC	NO	H <sub>3</sub> PO <sub>4</sub>	YES
COD/TP/TKN		GRAB	500	yellow HDPE	NO	H <sub>2</sub> SO <sub>4</sub>	YES
DO		GRAB	300	GLASS	NO	NONE	YES
TOX		GRAB	500	yellow AMBER	NO	H <sub>2</sub> SO <sub>4</sub>	YES
TC/FC		GRAB	100	white STERILE	NO	NaThio	YES
P/HERB		GRAB	3,1000	blue AMBER	NO	NONE	YES
METALS, T		GRAB	500	red HDPE	NO	HNO <sub>3</sub>	YES

### FIELD WATER QUALITY PARAMETERS

INSTRUMENT NO.	4	1	1	1	2	3	
SAMPLE	SPECIFIC COND (umhos/cm)	pH VALUE	REDOX mV	TEMP (°C)	DISSOLVED OXYGEN (mg/L)	TURBIDITY NTU	TIME
	<u>708</u>	<u>8.3</u>	<u>-73.1</u>	<u>10.5</u>	<u>12.48</u>	<u>14.6</u>	<u>1145</u>

#### NOTES:

INSTRUMENTS CALIBRATED PRIOR TO USE? YES  NO  TIME: 0730

#1) pH meter (pH, Redox, Temp) SN# 14768 #3) Turbidimeter # 1  
standards used 4,7 readings 4,7,02 standard used 52.4 reading 53.4

#2) Dissolved Oxygen Meter SN# 4600 #4) Conductivity Meter SN# 1562

3 VOA TRIP BLANKS TURNED IN WITH THIS SAMPLE? YES  NO

VTRP VTRP BUBBLES? YES  NO  BUBBLES: DATE:

QC BOTTLES TURNED IN? YES  NO

SAMPLE IS TAKEN AT A WEIR SAMPLER.

### CUSTODY RECORD:

PERSONNEL Sewin Bilir SIGNATURE [Signature]

TOTAL NUMBER OF BOTTLES THIS SET 22

# VASW-2 (44)

KING COUNTY  
SOLID WASTE DIVISION

KCSW VASHON LF  
ID SVW20708 14 Q  
DATE 08/14/2007  
TIME 0845  
Sampler SB

## VASHON-2 SURFACE WATER SAMPLING FIELD RECORD

used for first weirs SW-W1, SW-W2, and SW-W3

### FIELD SAMPLING DATA

Station: SW-W2

Date/Time: 08/14/2007

Weather: clear cool

Location Description: near property line  
~30 ft east of SW-W4

**COPY**

SAMPLE ID # SVW20708 14 Q

SAMPLE TYPE	DATE TIME	METHOD	VOLUME (mL)	CONTAINER TYPE	FIELD FILTERED (YES/NO)	PRES.	ICED YES/NO
RAD		GRAB	GALLON	plastic CUBE	NO	HNO <sub>3</sub>	YES
VOA		GRAB	6,40	green GLASS	NO	HCl	YES
TSS/TS	<u>08/14/2007</u>	GRAB	1000	blue HDPE	NO	NONE	YES
METALS, D	<u>14/1</u>	GRAB	500	red HDPE	YES	HNO <sub>3</sub>	YES
PHYS 1	<u>2007</u>	GRAB	1000	blue HDPE	NO	NONE	YES
BOD		GRAB	1000	blue HDPE	NO	NONE	YES
CN	<u>08:45</u>	GRAB	250	green HDPE	NO	NaOH	YES
TOC		GRAB	2,40	gray TOC	NO	H <sub>3</sub> PO <sub>4</sub>	YES
COD/TP/TKN		GRAB	500	yellow HDPE	NO	H <sub>2</sub> SO <sub>4</sub>	YES
DO		GRAB	300	GLASS	NO	NONE	YES
TOX		GRAB	500	yellow AMBER	NO	H <sub>2</sub> SO <sub>4</sub>	YES
TC/FC		GRAB	100	white STERILE	NO	NaThio	YES
P/HERB		GRAB	3,1000	blue AMBER	NO	NONE	YES
METALS, T		GRAB	500	red HDPE	NO	HNO <sub>3</sub>	YES

### FIELD WATER QUALITY PARAMETERS

INSTRUMENT NO.	4	1	1	1	2	3	
SAMPLE	SPECIFIC COND (umhos/cm)	pH VALUE	REDOX mV	TEMP (°C)	DISSOLVED OXYGEN (mg/L)	TURBIDITY NTU	TIME
	<u>698</u>	<u>8.26</u>	<u>-72.1</u>	<u>12.9</u>	<u>9.56</u>	<u>15.7</u>	<u>0915</u>

#### NOTES:

INSTRUMENTS CALIBRATED PRIOR TO USE? YES  NO  TIME: 0810

#1) pH meter (pH, Redox, Temp) SN# 14768 #3) Turbidimeter # 1  
standards used 4 & 7 readings 4.0/7.01 standard used 52.4 reading 53.4

#2) Dissolved Oxygen Meter SN# 4600 #4) Conductivity Meter SN# 1562 1413/1412

3 VOA TRIP BLANKS TURNED IN WITH THIS SAMPLE? YES  NO

VTRP VTRP BUBBLES? YES  NO  BUBBLES: DATE:

QC BOTTLES TURNED IN? YES  NO

SAMPLE IS TAKEN AT A WEIR SAMPLER.

### CUSTODY RECORD:

PERSONNEL Sewin Bilir SIGNATURE [Signature]

TOTAL NUMBER OF BOTTLES THIS SET 22

# VASW-2 (44)

KING COUNTY  
SOLID WASTE DIVISION

KCSW VASHON LF  
ID SVW2071030Q  
DATE 10/30/2007  
TIME 1040  
Sampler SB

## VASHON-2 SURFACE WATER SAMPLING FIELD RECORD

used for first weirs SW-W1, SW-W2, and SW-W3

### FIELD SAMPLING DATA

Station: **SW-W2**  
Date/Time: 10/30/2007  
Weather: cool, overcast

Location Description: near property line  
~30 ft east of SW-W4

SAMPLE ID # SVW2071030 Q

SAMPLE TYPE	DATE TIME	METHOD	VOLUME (mL)	CONTAINER TYPE	FIELD FILTERED (YES,NO)	PRES.	ICED YES/NO
RAD		GRAB	GALLON	plastic CUBE	NO	HNO <sub>3</sub>	YES
VOA		GRAB	6.40	green GLASS	NO	HCl	YES
TSS/TS	10/30/	GRAB	1000	blue HDPE	NO	NONE	YES
METALS, D	30/	GRAB	500	red HDPE	YES	HNO <sub>3</sub>	YES
PHYS 1	2007	GRAB	1000	blue HDPE	NO	NONE	YES
BOD		GRAB	1000	blue HDPE	NO	NONE	YES
CN	1040	GRAB	250	green HDPE	NO	NaOH	YES
TOC		GRAB	2.40	gray TOC	NO	H <sub>2</sub> PO <sub>4</sub>	YES
COD/TP/TKN		GRAB	500	yellow HDPE	NO	H <sub>2</sub> SO <sub>4</sub>	YES
DO		GRAB	300	GLASS	NO	NONE	YES
TOX		GRAB	500	yellow AMBER	NO	H <sub>2</sub> SO <sub>4</sub>	YES
TC/FC		GRAB	100	white STERILE	NO	Na Thio	YES
P/HERB		GRAB	3,1000	blue AMBER	NO	NONE	YES
METALS, T		GRAB	500	red HDPE	NO	HNO <sub>3</sub>	YES

### FIELD WATER QUALITY PARAMETERS

INSTRUMENT NO.	4	1	1	1	2	3	TIME
	SPECIFIC COND (umhos/cm)	pH VALUE	REDOX mV	TEMP (°C)	DISSOLVED OXYGEN (mg/L)	TURBIDITY NTU	
	647	8.19	-66.5	9.0	7.69	8.2	1030

#### NOTES:

INSTRUMENTS CALIBRATED PRIOR TO USE? YES  NO

#1) pH meter (pH, Redox, Temp) SN# 14768

standards used 4 & 7 readings 4/7.59

#2) Dissolved Oxygen Meter SN# 4600

3 VOA TRIP BLANKS TURNED IN WITH THIS SAMPLE? YES  NO

VTRP VTRP BUBBLES? YES  NO

QC BOTTLES TURNED IN? YES  NO

SAMPLE IS TAKEN AT A WEIR SAMPLER.

#### CUSTODY RECORD:

PERSONNEL

SIGNATURE

TOTAL NUMBER OF BOTTLES THIS SET

22

SW123/fieldsheets.xls

# VASW-3 (45)

KING COUNTY  
SOLID WASTE DIVISION

KCSW VASHON LF  
ID SVW2071218-  
DATE 12/18/2007

## VASHON-3 SURFACE WATER SAMPLING FIELD RECORD

used for first weirs SW-W2 and SW-W3 (DECEMBER sampling)

Sampler SB

### FIELD SAMPLING DATA

Station: **SW-W2**  
Date/Time: 12/18/2007 1015  
Weather: Raining, 50's

Location Description: near property line  
~30 ft east of SW-W4

SAMPLE ID # SVW2071218 -

SAMPLE TYPE	DATE TIME	METHOD	VOLUME (mL)	CONTAINER TYPE	FIELD FILTERED (YES,NO)	PRES.	ICED YES/NO
VOA		GRAB	6.40	GLASS	NO	HCl	YES
TSS/TS	12/	GRAB	1000	blue HDPE	NO	NONE	YES
METALS, D	18/	GRAB	500	red HDPE	YES	HNO <sub>3</sub>	YES
PHYS 1	2007	GRAB	1000	blue HDPE	NO	NONE	YES
COD/TP/TKN		GRAB	500	yellow HDPE	NO	H <sub>2</sub> SO <sub>4</sub>	YES
DO	10:15	GRAB	300	GLASS	NO	NONE	YES

### FIELD WATER QUALITY PARAMETERS

INSTRUMENT NO.	4	1	1	1	2	3	TIME
	SPECIFIC COND (umhos/cm)	pH VALUE	REDOX mV	TEMP (°C)	DISSOLVED OXYGEN (mg/L)	TURBIDITY NTU	
	681	8.32	-73.9	6.6	8.4	8.79	1010

#### NOTES:

INSTRUMENTS CALIBRATED PRIOR TO USE? YES  NO

#1) pH meter (pH, Redox, Temp) SN# 14768

standards used 4 & 7 readings 4.0/7

#2) Dissolved Oxygen Meter SN# 4600 101.7

#4) Conductivity Meter SN# 1562 1413/1407

3 VOA TRIP BLANKS TURNED IN WITH THIS SAMPLE? YES  NO

VTRP 0712185 VTRP BUBBLES? YES  NO

QC BOTTLES TURNED IN? YES  NO

SAMPLE IS TAKEN AT A WEIR SAMPLER.

KCSW VASHON LF  
ID VTRP0712185  
DATE 12/18/2007

Sampler SB

#### CUSTODY RECORD:

PERSONNEL

SIGNATURE

TOTAL NUMBER OF BOTTLES THIS SET

11

+3  
VTRP

DEC SW23/fieldsheets.xls



# VASW-2 (44)

KING COUNTY  
SOLID WASTE DIVISION

KCSWD VASHON LF  
ID SVW20803 12 Q  
Date 03/12/2008  
Sampler SB

## VASHON-2 SURFACE WATER SAMPLING FIELD RECORD

used for first weirs SW-W1, SW-W2, and SW-W3

### FIELD SAMPLING DATA

Station: SW-W2  
Date/Time: 3/12/2008 0945 Location Description: near property line  
Weather: cool, overcast -30 ft east of SW-W4

SAMPLE ID # SVW20803 12 Q

SAMPLE TYPE	DATE TIME	METHOD	VOLUME (mL)	CONTAINER TYPE	FIELD FILTERED (YES/NO)	PRES.	ICED YES/NO
RAD		GRAB	GALLON	plastic CUBE	NO	HNO <sub>3</sub>	YES
VOA		GRAB	6,40	green GLASS	NO	HCl	YES
TSS/TS	3/	GRAB	1000	blue HDPE	NO	NONE	YES
METALS, D	12/1	GRAB	500	red HDPE	YES	HNO <sub>3</sub>	YES
PHYS 1	2008	GRAB	1000	blue HDPE	NO	NONE	YES
BOD		GRAB	1000	blue HDPE	NO	NONE	YES
CN	10:00	GRAB	250	green HDPE	NO	NaOH	YES
TOC		GRAB	2,40	gray TOC	NO	H <sub>3</sub> PO <sub>4</sub>	YES
COD/TP/TKN		GRAB	500	yellow HDPE	NO	H <sub>2</sub> SO <sub>4</sub>	YES
DO		GRAB	300	GLASS	NO	NONE	YES
TOX		GRAB	500	yellow AMBER	NO	H <sub>2</sub> SO <sub>4</sub>	YES
TC/FC		GRAB	100	white STERILE	NO	NaThio	YES
P/HERB		GRAB	3,1000	blue AMBER	NO	NONE	YES
METALS, T		GRAB	500	red HDPE	NO	HNO <sub>3</sub>	YES

### FIELD WATER QUALITY PARAMETERS

INSTRUMENT NO.	4	1	1	1	2	3	TIME
	SPECIFIC COND (umhos/cm)	pH VALUE	REDOX mV	TEMP (°C)	DISSOLVED OXYGEN (mg/L)	TURBIDITY NTU	
	741	8.44	-8.31	6.7	7.14	9.7	0950

NOTES:  
INSTRUMENTS CALIBRATED PRIOR TO USE? YES  NO  TIME: 0830  
#1) pH meter (pH, Redox, Temp) SN# 3140044 #3) Turbidimeter # 1  
standards used 4 & 7 readings N/A standard used 52.4 reading 56.2  
#2) Dissolved Oxygen Meter SN# 4600 101.7 #4) Conductivity Meter SN# 1562 1413/1408  
3 VOA TRIP BLANKS TURNED IN WITH THIS SAMPLE? YES  NO   
VTRP VTRP BUBBLES? YES  NO  BUBBLES: DATE:  
QC BOTTLES TURNED IN? YES  NO

SAMPLE IS TAKEN AT A WEIR SAMPLER.

### CUSTODY RECORD:

PERSONNEL BLK SIGNATURE [Signature]  
TOTAL NUMBER OF BOTTLES THIS SET 22

# VASW (21)

KING COUNTY  
SOLID WASTE DIVISION

## VASHON QUARTERLY SURFACE WATER FIELD RECORD

### FIELD SAMPLING DATA

Station: Weir SW-W2 KCSWD VASHON LF  
Date/Time: 5/21/08 1030 ID SVW2080521 Q  
Weather: Warm 50's, dry, overcast  
Location: VA Hillslope Date 05/21/2008  
Sampler SB

### SAMPLING DATA

SAMPLE ID # SVW2080521 Q

SAMPLE TYPE	DATE TIME	METHOD	VOLUME (mL)	CONTAINER TYPE	FIELD FILTERED (YES/NO)	PRESERVATIVE	ICED YES/NO
RAD		GRAB	GALLON	CUBE	NO	HNO <sub>3</sub>	YES
VOA		GRAB	6,40	GLASS	NO	HCl	YES
TSS/TS	5/	GRAB	1000	HDPE	NO	NONE	YES
METALS	21/	GRAB	500	HDPE	NO	HNO <sub>3</sub>	YES
PHYS 1	2008	GRAB	1000	HDPE	NO	NONE	YES
BOD	10:40	GRAB	1000	HDPE	NO	NONE	YES
CN		GRAB	250	HDPE	NO	NaOH	YES
TOC		GRAB	2,40	GLASS	NO	H <sub>3</sub> PO <sub>4</sub>	YES
COD/TP/TKN		GRAB	500	HDPE	NO	H <sub>2</sub> SO <sub>4</sub>	YES
DO		GRAB	300	GLASS	NO	NONE	YES
TOX		GRAB	500	AMBER	NO	H <sub>2</sub> SO <sub>4</sub>	YES
TC/FC		GRAB	100	STERILE	NO	NaThio	YES
P/HERB		GRAB	3@1000	AMBER	NO	NONE	YES

### FIELD WATER QUALITY PARAMETERS

INSTR. #	1562	4114768	1562	4600	TURBIDITY USED: 52.4	METER READING: 54.7	
SAMPLE	SPEC COND (umhos/cm)	pH VALUE	REDOX mV	TEMPERATURE (°C)	DISSOLVED OXYGEN (mg/L)	TURBIDITY NTU	TIME
1	851	8.46	-86	11.3	6.18	8.17	1035

NOTES:  
INSTRUMENTS CALIBRATED PRIOR TO USE? YES  NO  TIME: 730 AM  
3 VOA TRIP BLANKS INCLUDED? YES  NO  VTRP DATE:  
14 QC BOTTLES INCLUDED? YES  NO

### CUSTODY RECORD:

PERSONNEL SPILLIP SIGNATURE [Signature] DATE/TIME 5/21/08 10:40  
TOTAL NUMBER OF BOTTLES THIS SET 21

# VASW-2 (44)

KING COUNTY  
SOLID WASTE DIVISION

## VASHON-2 SURFACE WATER SAMPLING FIELD RECORD

used for first weirs SW-W1, SW-W2, and SW-W3

### FIELD SAMPLING DATA

Station: **SW-W2**

Date/Time: 7/15/2008 1020

Weather: warm, 75°F, clear

Location Description: near property line  
~30 ft east of SW-W4

SAMPLE ID # **SVW2080715 Q**

SAMPLE TYPE	DATE TIME	METHOD	VOLUME (mL)	CONTAINER TYPE	FIELD FILTERED (YES,NO)	PRES.	ICED YES/NO
RAD		GRAB	GALLON	plastic CUBE	NO	HNO <sub>3</sub>	YES
VOA		GRAB	6,40	green GLASS	NO	HCl	YES
TSS/TS	<u>7/</u>	GRAB	1000	blue HDPE	NO	NONE	YES
METALS, D	<u>15/</u>	peristaltic pump/tubing	500	red HDPE	YES	HNO <sub>3</sub>	YES
PHYS 1	<u>2008</u>	GRAB	1000	blue HDPE	NO	NONE	YES
BOD		GRAB	1000	blue HDPE	NO	NONE	YES
CN	<u>10:20</u>	GRAB	250	green HDPE	NO	NaOH	YES
TOC		GRAB	2,40	gray TOC	NO	H <sub>2</sub> PO <sub>4</sub>	YES
COD/TP/TKN		GRAB	500	yellow HDPE	NO	H <sub>2</sub> SO <sub>4</sub>	YES
DO		GRAB	300	GLASS	NO	NONE	YES
TOX		GRAB	500	yellow AMBER	NO	H <sub>2</sub> SO <sub>4</sub>	YES
TC/FC		GRAB	100	white STERILE	NO	NaThio	YES
P/HERB		GRAB	3,1000	blue AMBER	NO	NONE	YES
METALS, T		GRAB	500	red HDPE	NO	HNO <sub>3</sub>	YES

### FIELD WATER QUALITY PARAMETERS

INSTRUMENT NO.	4	1	1	2	3		
	SPECIFIC COND (umhos/cm)	pH VALUE	REDOX mV	TEMP (°C)	DISSOLVED OXYGEN (mg/L)	TURBIDITY NTU	TIME
<u>GRAB</u>	<u>774</u>	<u>8.31</u>	<u>-78.3</u>	<u>13.3</u>	<u>8.02</u>	<u>14.8</u>	<u>1020</u>

### NOTES:

INSTRUMENTS CALIBRATED PRIOR TO USE? YES  NO   
 #1) pH meter (pH, Redox, Temp) SN# 03140044 TIME: 0910  
 standards used 4 & 7 readings -57.1/-6 standard used 5.36 reading 51.69  
 #2) Dissolved Oxygen Meter SN# 4600 101.7 #4) Conductivity Meter SN# 1562 1413/1411

3 VOA TRIP BLANKS TURNED IN WITH THIS SAMPLE? YES  NO   
 VTRP VTRP BUBBLES? YES  NO  BUBBLES: DATE:  
 QC BOTTLES TURNED IN? YES  NO

SAMPLE IS TAKEN AT A WEIR SAMPLER.

### CUSTODY RECORD:

PERSONNEL S. Billr SIGNATURE [Signature]  
 TOTAL NUMBER OF BOTTLES THIS SET 22 ✓

KCSWD VASHON LF  
ID SVW2080715Q  
Date 07/15/2008  
Sampler SB

COPY

# VASW-2 (44)

KING COUNTY  
SOLID WASTE DIVISION

## VASHON-2 SURFACE WATER SAMPLING FIELD RECORD

used for first weirs SW-W1, SW-W2, and SW-W3

### FIELD SAMPLING DATA

Station: **SW-W2**

Date/Time: 10/06/2008 0950

Weather: cool, SDFs, overcast

Location Description: near property line  
~30 ft east of SW-W4

SAMPLE ID # **SVW2081006 Q**

SAMPLE TYPE	DATE TIME	METHOD	VOLUME (mL)	CONTAINER TYPE	FIELD FILTERED (YES,NO)	PRES.	ICED YES/NO
RAD		GRAB	GALLON	plastic CUBE	NO	HNO <sub>3</sub>	YES
VOA		GRAB	6,40	green GLASS	NO	HCl	YES
TSS/TS	<u>10/</u>	GRAB	1000	blue HDPE	NO	NONE	YES
METALS, D	<u>06/</u>	peristaltic pump/tubing	500	red HDPE	YES	HNO <sub>3</sub>	YES
PHYS 1	<u>2008</u>	GRAB	1000	blue HDPE	NO	NONE	YES
BOD		GRAB	1000	blue HDPE	NO	NONE	YES
CN	<u>10:05</u>	GRAB	250	green HDPE	NO	NaOH	YES
TOC		GRAB	2,40	gray GLASS	NO	H <sub>2</sub> PO <sub>4</sub>	YES
COD/TP/TKN		GRAB	500	yellow HDPE	NO	H <sub>2</sub> SO <sub>4</sub>	YES
DO		GRAB	300	GLASS/PLASTIC	NO	NONE	YES
TOX		GRAB	500	yellow AMBER	NO	H <sub>2</sub> SO <sub>4</sub>	YES
TC/FC		GRAB	100	white STERILE	NO	NaThio	YES
P/HERB		GRAB	3,1000	blue AMBER	NO	NONE	YES
METALS, T		GRAB	500	red HDPE	NO	HNO <sub>3</sub>	YES

### FIELD WATER QUALITY PARAMETERS

INSTRUMENT NO.	4	1	1	2	3		
	SPECIFIC COND (umhos/cm)	pH VALUE	REDOX mV	TEMP (°C)	DISSOLVED OXYGEN (mg/L)	TURBIDITY NTU	TIME
<u>GRAB</u>	<u>771</u>	<u>8.3</u>	<u>-64.1</u>	<u>11.6</u>	<u>8.28</u>	<u>10.9</u>	<u>0950</u>

### NOTES:

INSTRUMENTS CALIBRATED PRIOR TO USE? YES  NO   
 #1) pH meter (pH, Redox, Temp) SN# 03140044 TIME: 0930  
 standards used 4 & 7 readings 4.01/7 standard used 52.4 reading 54.6  
 #2) Dissolved Oxygen Meter SN# 4600 101.7 #4) Conductivity Meter SN# 1562 1413/1420

3 VOA TRIP BLANKS TURNED IN WITH THIS SAMPLE? YES  NO   
 VTRP VTRP BUBBLES? YES  NO  BUBBLES: DATE:  
 QC BOTTLES TURNED IN? YES  NO

SAMPLE IS TAKEN AT SURFACE WATER/ GROUNDWATER INTERFACE.

### CUSTODY RECORD:

PERSONNEL S. Billr SIGNATURE [Signature] DATE / TIME 10/06/08 1015  
 TOTAL NUMBER OF BOTTLES THIS SET 22 ✓

KCSWD VASHON LF  
ID SVW2081006Q  
Date 10/06/2008  
Sampler SB

COPY

# VASW-2 (44)

KING COUNTY  
SOLID WASTE DIVISION

KCSWD VASHON LF  
ID SVW2090106Q

## VASHON-2 SURFACE WATER SAMPLING FIELD RECORD

used for first weirs SW-W1, SW-W2, and SW-W3

Date 01/06/2009

Sampler SB

### FIELD SAMPLING DATA

Station: **SW-W2**

Date/Time: 01/06/2009 1100

Location Description: **near property line  
-30 ft east of SW-W4**

Weather: **Rainy, overcast, 40's, windy**

SAMPLE ID # **SVW2081006 Q**

SAMPLE TYPE	DATE TIME	METHOD	VOLUME (mL)	CONTAINER TYPE	FIELD FILTERED (YES,NO)	PRES	ICED YES/NO
RAD		GRAB	GALLON	plastic CUBE	NO	HNO <sub>3</sub>	YES
VOA		GRAB	6.40	green GLASS	NO	HCl	YES
TSS/TS	01/	GRAB	1000	blue HDPE	NO	NONE	YES
METALS, D	06/	peristaltic pump/tubing	500	red HDPE	YES	HNO <sub>3</sub>	YES
PHYS 1	2009	GRAB	1000	blue HDPE	NO	NONE	YES
BOD		GRAB	1000	blue HDPE	NO	NONE	YES
CN	11:15	GRAB	250	green HDPE	NO	NaOH	YES
TOC		GRAB	2.40	gray GLASS	NO	H <sub>3</sub> PO <sub>4</sub>	YES
COD/TP/TKN		GRAB	500	yellow HDPE	NO	H <sub>2</sub> SO <sub>4</sub>	YES
DO		GRAB	300	GLASS/PLASTIC	NO	NONE	YES
TOX		GRAB	500	yellow AMBER	NO	H <sub>2</sub> SO <sub>4</sub>	YES
TC/FC		GRAB	100	white STERILE	NO	NaThio	YES
P/HERB		GRAB	3,1000	blue AMBER	NO	NONE	YES
METALS, T		GRAB	500	red HDPE	NO	HNO <sub>3</sub>	YES

### FIELD WATER QUALITY PARAMETERS

INSTRUMENT NO.	SPECIFIC COND (umhos/cm)	pH VALUE	REDOX mV	TEMP (°C)	DISSOLVED OXYGEN (mg/L)	TURBIDITY NTU	TIME
GRAB	846	8.16	-69.2	7.0	10.08	8.94	1105

#### NOTES:

INSTRUMENTS CALIBRATED PRIOR TO USE? YES  NO   
 #1) pH meter (pH, Redox, Temp) SN# 03140044 #3) Turbidimeter # 1  
 standards used 4 & 7 readings -55.3/-7 standard used 52.4 reading 55.1  
 #2) Dissolved Oxygen Meter SN# 4600 101.7 #4) Conductivity Meter SN# 1562 1413/1458

3 VOA TRIP BLANKS TURNED IN WITH THIS SAMPLE? YES  NO

VTRP VTRP BUBBLES? YES  NO  BUBBLES: DATE:

QC BOTTLES TURNED IN? YES  NO

EQUIPMENT BLANK TURNED IN WITH THIS SAMPLE? YES  NO

SAMPLE IS TAKEN AT SURFACE WATER/ GROUNDWATER INTERFACE.

### CUSTODY RECORD:

PERSONNEL S. Bilir SIGNATURE DATE/TIME 1/6/09 1140

TOTAL NUMBER OF BOTTLES THIS SET 22

# VASW-2 (44)

KING COUNTY  
SOLID WASTE DIVISION

KCSWD VASHON LF  
ID SVW2090326Q

## VASHON-2 SURFACE WATER SAMPLING FIELD RECORD

used for first weirs SW-W1, SW-W2, and SW-W3

Date 03/26/2009

Sampler SB

### FIELD SAMPLING DATA

Station: **SW-W2**

Date/Time: 03/26/2009 0955

Location Description: **near property line  
-30 ft east of SW-W4**

Weather: **cool, overcast, 40's**

SAMPLE ID # **SVW2090326 Q**

SAMPLE TYPE	DATE TIME	METHOD	VOLUME (mL)	CONTAINER TYPE	FIELD FILTERED (YES,NO)	PRES	ICED YES/NO
RAD		GRAB	GALLON	plastic CUBE	NO	HNO <sub>3</sub>	YES
VOA		GRAB	6.40	green GLASS	NO	HCl	YES
TSS/TS	03/	GRAB	1000	blue HDPE	NO	NONE	YES
METALS, D	26/	peristaltic pump/tubing	500	red HDPE	YES	HNO <sub>3</sub>	YES
PHYS 1	2009	GRAB	1000	blue HDPE	NO	NONE	YES
BOD		GRAB	1000	blue HDPE	NO	NONE	YES
CN	10:00	GRAB	250	green HDPE	NO	NaOH	YES
TOC		GRAB	2.40	gray GLASS	NO	H <sub>3</sub> PO <sub>4</sub>	YES
COD/TP/TKN		GRAB	500	yellow HDPE	NO	H <sub>2</sub> SO <sub>4</sub>	YES
DO		GRAB	300	GLASS/PLASTIC	NO	NONE	YES
TOX		GRAB	500	yellow AMBER	NO	H <sub>2</sub> SO <sub>4</sub>	YES
TC/FC		GRAB	100	white STERILE	NO	NaThio	YES
P/HERB		GRAB	3,1000	blue AMBER	NO	NONE	YES
METALS, T		GRAB	500	red HDPE	NO	HNO <sub>3</sub>	YES

### FIELD WATER QUALITY PARAMETERS

INSTRUMENT NO.	SPECIFIC COND (umhos/cm)	pH VALUE	REDOX mV	TEMP (°C)	DISSOLVED OXYGEN (mg/L)	TURBIDITY NTU	TIME
GRAB	757	8.34	-74.0	5.7	10.62	10.1	1000

#### NOTES:

INSTRUMENTS CALIBRATED PRIOR TO USE? YES  NO   
 #1) pH meter (pH, Redox, Temp) SN# 03140044 #3) Turbidimeter # 1  
 standards used 4 & 7 readings -55.7/-76 standard used 52.4 reading 57  
 #2) Dissolved Oxygen Meter SN# 4600 101.7 #4) Conductivity Meter SN# 1562 1413/1440

3 VOA TRIP BLANKS TURNED IN WITH THIS SAMPLE? YES  NO

VTRP VTRP BUBBLES? YES  NO  BUBBLES: DATE:

QC BOTTLES TURNED IN? YES  NO

EQUIPMENT BLANK TURNED IN WITH THIS SAMPLE? YES  NO

SAMPLE IS TAKEN AT SURFACE WATER/ GROUNDWATER INTERFACE.

### CUSTODY RECORD:

PERSONNEL S. Bilir SIGNATURE DATE/TIME 3/25 : 1015

TOTAL NUMBER OF BOTTLES THIS SET 22



KING COUNTY  
SOLID WASTE DIVISION

VASW-2 (44)

VASHON-2 SURFACE WATER FIELD RECORD

used for Weirs SW-W1, SW-W2, and SW-W3

FIELD SAMPLING DATA

Station: SW-W2  
Date/Time: 07/13/2009 0930  
Weather: overcast, 46°F  
Location: near property line, ~30 ft east of SW-W4

SAMPLE ID # SVW2090713 Q

SAMPLE TYPE	DATE TIME	METHOD	VOLUME (mL)	CONTAINER TYPE	FIELD FILTERED (YES/NO)	PRESERVATIVE	ICED YES/NO
FSS		GRAB	1000	WM HDPE	NO	NONE	YES
COND/PH/ALK/TURB		GRAB	500	WM HDPE	NO	NONE	YES
TDS/TOTS	07/13/2009	GRAB	500	WM HDPE	NO	NONE	YES
ORTHOP/NH <sub>3</sub> /NO <sub>2</sub> /NO <sub>3</sub>	09:40	GRAB	50	WM HDPE	YES	NONE	YES
TOTP	2009	GRAB	250	WM HDPE	NO	NONE	YES
CL/FL/SO <sub>4</sub>		GRAB	125	WM HDPE	NO	NONE	YES
CN		GRAB	500	WM AMBER HDPE	NO	NaOH	YES
TKN/COD		GRAB	250	WM HDPE	NO	H2SO4	YES
WDO		GRAB	300	GLASS	NO	MnSO4 / AIA	NO
BOD		GRAB	2000	WM HDPE	NO	NONE	YES
TOC		GRAB	2,40	AMBER GLASS	NO	H3PO4	YES
TOX		GRAB	500	AMBER GLASS	NO	H2SO4	YES
METALS, a		GRAB	500	Acid Washed HDPE	NO	NONE	YES
METALS, d		GRAB	500	Acid Washed HDPE	YES	NONE	YES
TC/FC		GRAB	500	STERILE	NO	NONE	YES
PEST/HERB		GRAB	3, 1000	AMBER	NO	NONE	YES
VOA		GRAB	4, 40	GLASS	NO	HCl	YES

FILTER ORTHOP SAMPLE USING METALS FILTER  
Preserve WDO w/ PILLOW POUCHES & Place in insulated covers  
LABEL & FILTER ONE OF THE METALS BOTTLES "FIELD FILTERED"

FIELD WATER QUALITY PARAMETERS

INSTRUMENT NO. 1562 03140044 03140044 3140044 4600

TURBID USED 5.36  
METER READING 5.37

SAMPLE	SPEC COND (umhos/cm)	PH VALUE	REDOX mV	TEMPERATURE (°C)	DISSOLVED OXYGEN (mg/L)	TURBIDITY NTU	TIME
GRAB	889	7.42	-26.5	13.4	8.5	15.1	0945

NOTES:  
DID THE LEAD ACETATE TEST STRIP INDICATE THE PRESENCE OF SULFIDE IN CN bottle? YES  NO   
PUT TEST STRIP RESULTS ON COC. (test strip = no reaction or "sulfide < 50 ppm"...or...  
If test strip darkens "test strip=reaction", write in column next to # of bottles

INSTRUMENTS CALIBRATED PRIOR TO USE? YES  NO  BUFFERS: 4, 7, 10  
4 QC BOTTLES (4 P/HERB) INCLUDED? YES  NO   
3 VTRPs INCLUDED WITH THIS SET? YES  NO  VTRP0907 13R DATE: 07/09/09  
BUBBLES? YES  NO  SIZES: 4mm

CUSTODY RECORD:  
PERSONNEL: Sevin Bilir  
SIGNATURE: *SB*  
DATE/TIME: 07/13/09  
TOTAL NUMBER OF BOTTLES THIS SET: 23 +3 VTRP  
DATE/TIME: 10:20

KCSWD VASHON LF

ID SVW2090713Q

Date 07/13/2009

Sampler SB

KCSWD VASHON LF

ID VTRP090713R

Date 07/13/2009

Sampler SB

KING COUNTY  
SOLID WASTE DIVISION

VASW-2 (44)

VASHON-2 SURFACE WATER FIELD RECORD

used for Weirs SW-W1, SW-W2, and SW-W3

FIELD SAMPLING DATA

Station: SW-W2  
Date/Time: 10/20/2009 1140  
Weather: overcast, 50°F  
Location: near property line, ~30 ft east of SW-W4

SAMPLE ID # SVW2091020 Q

SAMPLE TYPE	DATE TIME	METHOD	VOLUME (mL)	CONTAINER TYPE	FIELD FILTERED (YES/NO)	PRESERVATIVE	ICED YES/NO
TSS		GRAB	1000	WM HDPE	NO	NONE	YES
COND/PH/ALK/TURB		GRAB	500	WM HDPE	NO	NONE	YES
TDS/TOTS	10/20/2009	GRAB	500	WM HDPE	NO	NONE	YES
ORTHOP/NH <sub>3</sub> /NO <sub>2</sub> /NO <sub>3</sub>	11:45	GRAB	50	WM HDPE	YES	NONE	YES
TOTP		GRAB	250	WM HDPE	NO	NONE	YES
CL/FL/SO <sub>4</sub>		GRAB	125	WM HDPE	NO	NONE	YES
CN		GRAB	500	WM AMBER HDPE	NO	NaOH	YES
TKN/COD		GRAB	250	WM HDPE	NO	H2SO4	YES
WDO		GRAB	300	GLASS	NO	MnSO4 / AIA	NO
BOD		GRAB	2000	WM HDPE	NO	NONE	YES
TOC		GRAB	2,40	AMBER GLASS	NO	H3PO4	YES
TOX		GRAB	500	AMBER GLASS	NO	H2SO4	YES
METALS, a		GRAB	500	Acid Washed HDPE	NO	NONE	YES
METALS, d		GRAB	500	Acid Washed HDPE	YES	NONE	YES
TC/FC		GRAB	500	STERILE	NO	NONE	YES
PEST/HERB		GRAB	3, 1000	AMBER	NO	NONE	YES
VOA		GRAB	4, 40	GLASS	NO	HCl	YES

FILTER ORTHOP SAMPLE USING METALS FILTER  
Preserve WDO w/ PILLOW POUCHES & Place in insulated covers  
LABEL & FILTER ONE OF THE METALS BOTTLES "FIELD FILTERED"

FIELD WATER QUALITY PARAMETERS

INSTRUMENT NO. 1562 03140044 03140044 3140044 4600

TURBID USED 5.36  
METER READING 5.87

SAMPLE	SPEC COND (umhos/cm)	PH VALUE	REDOX mV	TEMPERATURE (°C)	DISSOLVED OXYGEN (mg/L)	TURBIDITY NTU	TIME
GRAB	658	8.02	-59.1	10.6	8.07	9.75	1140

NOTES:  
DID THE LEAD ACETATE TEST STRIP INDICATE THE PRESENCE OF SULFIDE IN CN bottle? YES  NO   
PUT TEST STRIP RESULTS ON COC. (test strip = no reaction or "sulfide < 50 ppm"...or...  
If test strip darkens "test strip=reaction", write in column next to # of bottles

INSTRUMENTS CALIBRATED PRIOR TO USE? YES  NO  BUFFERS: 4, 7, 10  
4 QC BOTTLES (4 P/HERB) INCLUDED? YES  NO   
3 VTRPs INCLUDED WITH THIS SET? YES  NO  VTRP0910 20R DATE: 10/16/09  
BUBBLES? YES  NO  SIZES: 3 @ 3mm (none @ pick up)

CUSTODY RECORD:  
PERSONNEL: Sevin Bilir  
SIGNATURE: *SB*  
DATE/TIME: 10/20/09  
TOTAL NUMBER OF BOTTLES THIS SET: 23 +3  
DATE/TIME: 12:00



KING COUNTY  
SOLID WASTE DIVISION

VASW-2 (44)

VASHON-2 SURFACE WATER FIELD RECORD

used for Weirs SW-W1, SW-W2, and SW-W3

FIELD SAMPLING DATA

Station: SW-W2  
Date/Time: 01/21/2010 0930  
Weather: clearcast, light rain  
Location: 15 ft N of SW W1 discharge area near property line, ~30 ft E of SW-W3

SAMPLE ID#	DATE	VOLUME	CONTAINER	FIELD FILTERED	ICBD
SAMPLE TYPE	TIME	(mL)	TYPE	(YES/NO)	YES/NO
TSS		1000	WM HDPE	NO	YES
COND/ALK/TURB		500	WM HDPE	NO	YES
TDS/TOTS		500	WM HDPE	NO	YES
ORTHOP/NH <sub>3</sub> /NO <sub>2</sub> /NO <sub>3</sub>	01/21	60	WM HDPE	YES	YES
TOTP	210	250	WM HDPE	NO	YES
CL/FL/SO <sub>4</sub>		125	NM HDPE	NO	YES
CN	10:00	500	WM AMBER HDPE	NO	YES
TKN/COD		250	WM HDPE	NO	YES
BOD		2000	WM HDPE	NO	YES
TOC		2,40	AMBER GLASS	NO	YES
TOX		500	AMBER GLASS	NO	YES
METALS, t		500	Acid Washed HDPE	NO	YES
METALS, d		500	Acid Washed HDPE	YES	YES
TC/PC		500	STERILE	NO	YES
PEST/HERB		1,000	AMBER	NO	YES
VOA		4,40	GLASS	NO	YES

**COPY**

KCSWD VASHON LF  
ID SVW2100121Q

Date 01/21/2010  
Sampler SB/RT

KCSWD VASHON LF  
ID VTRP100121R

Date 01/21/2010  
Sampler SB

KING COUNTY  
SOLID WASTE DIVISION

VASW-2 (44)

VASHON-2 SURFACE WATER FIELD RECORD

KCSWD VASHON LF  
ID SVW2100419Q

Date 04/19/2010  
Sampler RT/BK/

FIELD SAMPLING DATA

Station: SW-W2  
Date/Time: 4-19-10 10:15  
Weather: O.C 60°  
Location: Weir 2, west hillslope

SVW2100419E  
4/19/10

SAMPLING DATA

SAMPLE ID# SVW2100419

SAMPLE TYPE	DATE TIME	METHOD	VOLUME (mL)	CONTAINER TYPE	FIELD FILTERED (YES/NO)	PRESERVATIVE	ICBD YES/NO
TSS	04/19/10	GRAB	1000	WM HDPE	NO	NONE	YES
COND/ALK/TURB		GRAB	500	WM HDPE	NO	NONE	YES
TDS/TOTS	2010	GRAB	500	WM HDPE	NO	NONE	YES
ORTHOP/NH <sub>3</sub> /NO <sub>2</sub> /NO <sub>3</sub>	10:50 a.m.	GRAB	60	WM HDPE	YES	NONE	YES
TOTP		GRAB	250	WM HDPE	NO	NONE	YES
CL/FL/SO <sub>4</sub>		GRAB	125	NM HDPE	NO	NONE	YES
CN		GRAB	500	WM AMBER HDPE	NO	NaOH	YES
TKN/COD		GRAB	250	WM HDPE	NO	NONE	YES
BOD		GRAB	2000	WM HDPE	NO	H <sub>2</sub> SO <sub>4</sub>	YES
TOC		GRAB	2,40	AMBER GLASS	NO	H <sub>2</sub> SO <sub>4</sub>	YES
TOX		GRAB	500	AMBER GLASS	NO	H <sub>2</sub> SO <sub>4</sub>	YES
METALS, t		GRAB	500	Acid Washed HDPE	NO	NONE	YES
METALS, d		GRAB	500	Acid Washed HDPE	YES	NONE	YES
TC/PC		GRAB	500	STERILE	NO	NONE	YES
PEST/HERB		GRAB	1,000	AMBER	NO	NONE	YES
VOA		GRAB	4,40	GLASS	NO	HCl	YES

REMEMBER TO FILTER THE ORTHOPHOSPHATE SAMPLE!  
PLEASE REMEMBER TO FILTER THE DISS METALS AND MAKE SURE THE TOTAL AND DISSOLVED METALS GO INTO THE CORRECT BOTTLES.

DON'T FORGET TO LABEL ONE OF THE METALS BOTTLES FIELD FILTERED - AND THEN FILTER THAT ONE!

FIELD WATER QUALITY PARAMETERS

TURB STD USED: 5.36  
METER READING: 9.97

SAMPLE	SPEC COND (umhos/cm)	pH VALUE	TEMPERATURE (°C)	DISSOLVED OXYGEN (mg/L)	TURBIDITY NTU	TIME
1	694	7.93	11.6	N/A	7.95	10:48

NOTES: DID THE LEAD ACETATE TEST STRIP INDICATE THE PRESENCE OF SULFIDE? YES  NO   
REMEMBER TO PUT SULFIDE CHECK READINGS FOR CYANIDE ON CHAIN OF CUSTODY!  
INSTRUMENTS CALIBRATED PRIOR TO USE? YES  NO  BUFFERS: (4, 7) 10  
4 QC BOTTLES (4 P/HERB) INCLUDED? YES  NO   
3 VTRPs INCLUDED WITH THIS SET? YES  NO   
BUBBLES? YES  NO  SIZES: \_\_\_\_\_  
VTRP ID: 10419 DATE: \_\_\_\_\_

CUSTODY RECORD:

PERSONNEL: RT, SB, RK SIGNATURE: [Signature] DATE/TIME: 04/19/10 11:10

REMEMBER TO FILTER THE ORTHOPHOSPHATE SAMPLE!  
FILTER DISS. METALS & MAKE SURE THE TOTAL AND DISSOLVED METALS GO INTO CORRECT BOTTLES.  
LABEL ONE OF THE METALS BOTTLES "FIELD FILTERED" - AND THEN FILTER THAT ONE!

FIELD WATER QUALITY PARAMETERS

TURB STD USED: 5.36  
METER READING: 5.78

SAMPLE	SPEC COND (umhos/cm)	pH VALUE	TEMPERATURE (°C)	DISSOLVED OXYGEN (mg/L)	TURBIDITY NTU	TIME
GRAB	728	7.64	8.5	10.5	12.6	1000

DID THE LEAD ACETATE TEST STRIP INDICATE THE PRESENCE OF SULFIDE IN ANY BOTTLE? YES  NO   
PUT TEST STRIP RESULTS ON COC: test strip = no reaction or sulfide < 50 ppm or \_\_\_\_\_  
if test strip darkens, test strip = reaction, write in column next to # of bottles \_\_\_\_\_  
Kcal 4/26/10

INSTRUMENTS CALIBRATED PRIOR TO USE? YES  NO  BUFFERS: (4, 7) 10  
4 QC BOTTLES (4 P/HERB) INCLUDED? YES  NO   
3 VTRPs INCLUDED WITH THIS SET? YES  NO  VTRP ID: ZIR DATE: 01/19/10  
BUBBLES? YES  NO  SIZES: 1 @ 1 mm

CUSTODY RECORD:

PERSONNEL: BILL R. THOMPSON SIGNATURE: [Signature] DATE/TIME: 01/21/10 10:30

TOTAL NUMBER OF BOTTLES THIS SET: 22 + 3

KING COUNTY  
SOLID WASTE DIVISION

# VASW-2 (44)

KCSWD VASHON LF  
ID SVW2100816Q  
Date 08/16/2010  
Sampler RT/BK

VASHON-2 SURFACE WATER FIELD SAMPLING DATA (used for Weirs SW-W1, SW-W2 and SW-W3)

Station: SW-W2  
Date/Time: 8/16/10  
Weather: Sunny  
Location: Vashon Hillslope Weir 2

KCSWD VASHON LF  
ID SVW2100816Q  
Date 08/16/2010  
Sampler RT/BK

SAMPLING DATA

SAMPLE ID # SVW2100816Q

SAMPLE TYPE	DATE TIME	METHOD	VOLUME (mL)	CONTAINER TYPE	FIELD FILTERED (YES/NO)	PRESERVATIVE	ICED
TSS	8/16/10	GRAB	1000	NM HDPE	NO	NONE	YES
COND/ALK/TURB	16/10	GRAB	500	NM HDPE	NO	NONE	YES
TDS/TOTS	2010	GRAB	500	NM HDPE	NO	NONE	YES
ORTHOP/NH <sub>4</sub> /NO <sub>2</sub> /NO <sub>3</sub>	12:03 a.m.	GRAB	60	NM HDPE	YES	NONE	YES
TOTP		GRAB	250	NM HDPE	NO	NONE	YES
CL/FL/SO <sub>4</sub>		GRAB	125	NM HDPE	NO	NONE	YES
CN		GRAB	500	NM AMBER HDPE	NO	NaOH	YES
TKN/COD		GRAB	250	NM HDPE	NO	H <sub>2</sub> SO <sub>4</sub>	YES
BOD		GRAB	2000	NM HDPE	NO	NONE	YES
TOC		GRAB	2,40	AMBER GLASS	NO	H <sub>2</sub> PO <sub>4</sub>	YES
TOX		GRAB	500	AMBER GLASS	NO	H <sub>2</sub> SO <sub>4</sub>	YES
METALS, t		GRAB	500	Acid Washed HDPE	NO	NONE	YES
METALS, d		GRAB	500	Acid Washed HDPE	YES	NONE	YES
TC/FC		GRAB	500	STERILE	NO	NONE	YES
PEST/HERB		GRAB	3,1000	AMBER	NO	NONE	YES
VOA		GRAB	4,40	GLASS	NO	HCl	YES

REMEMBER TO FILTER THE ORTHOPHOSPHATE SAMPLE!  
PLEASE REMEMBER TO FILTER THE DISS METALS AND MAKE SURE THE TOTAL AND DISSOLVED METALS GO INTO THE CORRECT BOTTLES.

DONT FORGET TO LABEL ONE OF THE METALS BOTTLES "FIELD FILTERED" - AND THEN FILTER THAT ONE!

FIELD WATER QUALITY PARAMETERS

INSTRUMENT NO. 03140044 1562 TURB STD USED 5.36  
METER READING 4.93

SAMPLE	SPEC COND (umhos/cm)	pH VALUE	TEMPERATURE (°C)	DISSOLVED OXYGEN (mg/L)	TURBIDITY NTU	TIME
PL Water	<u>606</u>	<u>7.75</u>	<u>15.4</u>	<u>NM</u>	<u>1.17</u>	<u>12:15</u>

NOTES: DID THE LEAD ACETATE TEST STRIP INDICATE THE PRESENCE OF SULFIDE? YES  NO  (Dup. also)  
REMEMBER TO PUT SULFIDE CHECK READINGS FOR CYANIDE ON CHAIN OF CUSTODY!  
INSTRUMENTS CALIBRATED PRIOR TO USE? YES  NO   
4 QC BOTTLES (4 P/HERB) INCLUDED? YES  NO  BUFFERS: (4, 7) 10 11:19  
3 VTRP<sub>s</sub> INCLUDED WITH THIS SET? YES  NO  DATE: 8/16/10  
BUBBLES? YES  NO  SIZES: VTRP100816R

CUSTODY RECORD:

PERSONNEL ID VTRP100816R SIGNATURE \_\_\_\_\_ DATE/TIME 8/16/10  
Sampler SB \_\_\_\_\_ 12:50

TOTAL NUMBER OF BOTTLES THIS SET 22

FIELD PROJECTS: 20090300 VASHON LF HILLSLOPE WEIR 2 (SAMPLING)

KING COUNTY  
SOLID WASTE DIVISION

FIELD FILTERED  
8/16/10

# VASW (21)

VASHON QUARTERLY SURFACE WATER FIELD RECORD

FIELD SAMPLING DATA

Station: Weir SW-W2  
Date/Time: 11-09-2010 11:58  
Weather: Rain, 40°F  
Location: West Hillslope-Vashon

KCSWD VASHON LF  
ID SVW2101109Q  
Date 11/09/2010  
Sampler RT/SM

SAMPLING DATA

SAMPLE ID # SVW2101109Q

SAMPLE TYPE	DATE TIME	METHOD	VOLUME (mL)	CONTAINER TYPE	FIELD FILTERED (YES/NO)	PRESERVATIVE	ICED
TSS	11/9/10	GRAB	1000	NM HDPE	NO	NONE	YES
COND/ALK/TURB	11/9/10	GRAB	500	NM HDPE	NO	NONE	YES
TDS/TOTS	2010	GRAB	500	NM HDPE	NO	NONE	YES
ORTHOP/NH <sub>4</sub> /NO <sub>2</sub> /NO <sub>3</sub>	11:58 a.m.	GRAB	60	NM HDPE	YES	NONE	YES
TOTP		GRAB	250	NM HDPE	NO	NONE	YES
CL/FL/SO <sub>4</sub>		GRAB	125	NM HDPE	NO	NONE	YES
CN		GRAB	500	NM AMBER HDPE	NO	NaOH	YES
TKN/COD		GRAB	250	NM HDPE	NO	H <sub>2</sub> SO <sub>4</sub>	YES
BOD		GRAB	2000	NM HDPE	NO	NONE	YES
TOC		GRAB	2,40	AMBER GLASS	NO	H <sub>2</sub> PO <sub>4</sub>	YES
TOX		GRAB	500	AMBER GLASS	NO	H <sub>2</sub> SO <sub>4</sub>	YES
METALS, t		GRAB	500	Acid Washed HDPE	NO	NONE	YES
METALS, d		GRAB	500	Acid Washed HDPE	Yes	NONE	YES
TC/FC		GRAB	500	STERILE	NO	NONE	YES
VOA		GRAB	4,40	GLASS	NO	HCl	YES
PEST/HERB		GRAB	3,1000	AMBER	NO	NONE	YES

REMEMBER TO FILTER THE ORTHOPHOSPHATE SAMPLE!  
PLEASE REMEMBER TO FILTER THE DISS METALS AND MAKE SURE THE TOTAL AND DISSOLVED METALS GO INTO THE CORRECT BOTTLES.

FIELD WATER QUALITY PARAMETERS

INSTR. 1 10 10 Tim's 4 TURB STD USED 3.77  
METER READING 3.76

SAMPLE	SPEC COND (umhos/cm)	pH VALUE	TEMPERATURE (°C)	DISSOLVED OXYGEN (mg/L)	TURBIDITY NTU	TIME
1	<u>576</u>	<u>7.61</u>	<u>8.4</u>	<u>9.39</u>	<u>61.1</u>	<u>11:58</u>

NOTES: DID THE LEAD ACETATE TEST STRIP INDICATE THE PRESENCE OF SULFIDE? YES  NO   
REMEMBER TO PUT SULFIDE CHECK READINGS FOR CYANIDE ON CHAIN OF CUSTODY!  
INSTRUMENTS CALIBRATED PRIOR TO USE? YES  NO  BUFFERS: (10, 7) 10 10:44  
3 VTRP<sub>s</sub> INCLUDED WITH THIS SET? YES  NO  VTRP DATE: \_\_\_\_\_  
BUBBLES? YES  NO  BUBBLE DIAMETERS: \_\_\_\_\_  
4 QC BOTTLES (4 P/HERB) INCLUDED? YES  NO

CUSTODY RECORD:

PERSONNEL Barbara Thompson SIGNATURE \_\_\_\_\_ DATE/TIME 11/09/10  
12:10

TOTAL NUMBER OF BOTTLES THIS SET 22

FIELD PROJECTS: 20090300 VASHON LF HILLSLOPE WEIR 2 (SAMPLING)

ENTERED  
11/10/10

VASW (21)

VASHON QUARTERLY SURFACE WATER FIELD RECORD

FIELD SAMPLING DATA

Station: Weir SW-W2  
Date/Time: 11-09-2010 11:58  
Weather: Rain, 40°F  
Location: West Hill Slope - Vashon

KCSWD VASHON LF  
ID SVW2101109Q  
Date 11/09/2010  
Sampler RT/ISM

SAMPLING DATA

SAMPLE ID # SVW2101109Q

SAMPLE TYPE	DATE TIME	METHOD	VOLUME (mL)	CONTAINER TYPE	FILTERED (YES, NO)	PRESERVATIVE	ICED YES NO
TSS		GRAB	1000	WM HDPE	NO	NONE	YES
COND/ALK/TURB	<u>161</u>	GRAB	500	WM HDPE	NO	NONE	YES
TDS/TOT5	<u>2010</u>	GRAB	500	WM HDPE	NO	NONE	YES
ORTHOP/NH <sub>4</sub> /NO <sub>3</sub> /NO <sub>2</sub>	<u>7200</u>	GRAB	60	WM HDPE	YES	NONE	YES
TOTP a.m.	<u>11:58</u>	GRAB	250	WM HDPE	NO	NONE	YES
CL/FI/SO <sub>4</sub>		GRAB	125	NM HDPE	NO	NONE	YES
CN		GRAB	500	WM AMBER HDPE	NO	NaOH	YES
TKN/COD		GRAB	250	WM HDPE	NO	H <sub>2</sub> SO <sub>4</sub>	YES
BOD		GRAB	2000	WM HDPE	NO	NONE	YES
TOC		GRAB	2,40	AMBER GLASS	NO	H <sub>2</sub> PO <sub>4</sub>	YES
TOX		GRAB	500	AMBER GLASS	NO	H <sub>2</sub> SO <sub>4</sub>	YES
METALS, c		GRAB	500	Acid washed HDPE	NO	NONE	YES
METALS, d		GRAB	500	Acid washed HDPE	Yes	NONE	YES
TC/FC		GRAB	500	STERILE	NO	NONE	YES
VOA		GRAB	4,40	GLASS	NO	HCl	YES
PBST/HERB		GRAB	3,1000	AMBER	NO	NONE	YES

REMEMBER TO FILTER THE ORTHOPHOSPHATE SAMPLE!  
PLEASE REMEMBER TO FILTER THE DISS METALS AND MAKE SURE THE TOTAL AND DISSOLVED METALS GO INTO THE CORRECT BOTTLES.

FIELD WATER QUALITY PARAMETERS

INSTR. #	SPEC COND (µmhos/cm)	pH VALUE	TEMPERATURE (°C)	DISSOLVED OXYGEN (mg/L)	TURBIDITY NTU	TIME
1	570	7.61	8.4	9.39	61.1	11:58

TURB STD USED: 3.77  
METER READING: 3.76

NOTES: DID THE LEAD ACETATE TEST STRIP INDICATE THE PRESENCE OF SULFIDE? YES  NO   
REMEMBER TO PUT SULFIDE CHECK READINGS FOR CYANIDE ON CHAIN OF CUSTODY!  
INSTRUMENTS CALIBRATED PRIOR TO USE? YES  NO  BUFFERS: (10) 10 DATE: 10/24/10  
3 VOA TRIP BLANKS INCLUDED? YES  NO  VTRP  
VTRP BUBBLES? YES  NO  BUBBLE DIAMETERS:  
4 QC BOTTLES (4 P/HERB) INCLUDED? YES  NO

CUSTODY RECORD:

PERSONNEL: Barbara Thompson SIGNATURE: [Signature] DATE/TIME: 11/09/10 12:10

TOTAL NUMBER OF BOTTLES THIS SET: 22

VASW (21)

VASHON QUARTERLY SURFACE WATER FIELD RECORD

FIELD SAMPLING DATA

Station: Weir SW-3  
Date/Time: 03-28-07  
Weather: Clear, Sunny, mid-50's°F  
Location: Hillslope

KCSW VASHON LF  
ID SVW3070328Q  
DATE 03/28/07  
TIME 1230  
SAMPLER SB

SAMPLING DATA

SAMPLE ID # SVW3070328Q

SAMPLE TYPE	DATE TIME	METHOD	VOLUME (mL)	CONTAINER TYPE	FILTERED (YES, NO)	PRESERVATIVE	ICED YES NO
RAD		GRAB	GALLON	CUBE	NO	HNO <sub>3</sub>	YES
VOA		GRAB	6,40	GLASS	NO	HCl	YES
TSS/TS	<u>03/1</u>	GRAB	1000	HDPE	NO	NONE	YES
METALS	<u>287</u>	GRAB	500	HDPE	NO	HNO <sub>3</sub>	YES
PHYS 1	<u>2007</u>	GRAB	1000	HDPE	NO	NONE	YES
BOD	<u>12:30</u>	GRAB	1000	HDPE	NO	NONE	YES
CN		GRAB	250	HDPE	NO	NaOH	YES
TOC		GRAB	2,40	GLASS	NO	H <sub>2</sub> PO <sub>4</sub>	YES
COD/TP/TKN		GRAB	500	HDPE	NO	H <sub>2</sub> SO <sub>4</sub>	YES
DO		GRAB	300	GLASS	NO	NONE	YES
TOX		GRAB	500	AMBER	NO	H <sub>2</sub> SO <sub>4</sub>	YES
TC/FC		GRAB	100	STERILE	NO	NaThio	YES
P/HERB		GRAB	3@1000	AMBER	NO	NONE	YES

FIELD WATER QUALITY PARAMETERS

INSTR. #	SPEC COND (µmhos/cm)	pH VALUE	REDOX mV	TEMPERATURE (°C)	DISSOLVED OXYGEN (mg/L)	TURBIDITY NTU	TIME
1562	14768	1562	460	8.7	16	10.1	12:45

TURB STD USED: 5.36  
METER READING: 5.68

NOTES:  
INSTRUMENTS CALIBRATED PRIOR TO USE? YES  NO  TIME: 9am-10am  
3 VOA TRIP BLANKS INCLUDED? YES  NO  VTRP DATE:  
14 QC BOTTLES INCLUDED? YES  NO

CUSTODY RECORD:

PERSONNEL: SEVIN BILIR SIGNATURE: [Signature] DATE/TIME: 03/28/07 16:14

TOTAL NUMBER OF BOTTLES THIS SET: 21

COPY



# VASW-2 (44)

KING COUNTY  
SOLID WASTE DIVISION

KC VASHON LF  
ID SVW3070509Q  
DATE 05/09/07  
TIME 1000  
SAMPLER SB

## VASHON-2 SURFACE WATER SAMPLING FIELD RECORD

used for first weirs SW-1, SW-2, and SW-3

### FIELD SAMPLING DATA

Station: **SW-3**

Date/Time: 05/09/07 0945

Weather: clear, cool

Location Description: **in stream, N of SW-2**

*COPY*

SAMPLE ID # **SVW307 05 09 a**

SAMPLE TYPE	DATE TIME	METHOD	VOLUME (mL)	CONTAINER TYPE	FIELD FILTERED (YES/NO)	PRES.	ICED YES/NO
RAD		GRAB	GALLON	plastic CUBE	NO	HNO <sub>3</sub>	YES
VOA		GRAB	6.40	green GLASS	NO	HCl	YES
TSS/TS	<u>05/</u>	GRAB	1000	blue HDPE	NO	NONE	YES
METALS, D	<u>09/</u>	GRAB	500	red HDPE	YES	HNO <sub>3</sub>	YES
PHYS 1	<u>2007</u>	GRAB	1000	blue HDPE	NO	NONE	YES
BOD		GRAB	1000	blue HDPE	NO	NONE	YES
CN	<u>10:00</u>	GRAB	250	green HDPE	NO	NaOH	YES
TOC		GRAB	2.40	gray TOC	NO	H <sub>3</sub> PO <sub>4</sub>	YES
COD/TP/TKN		GRAB	500	yellow HDPE	NO	H <sub>2</sub> SO <sub>4</sub>	YES
DO		GRAB	300	GLASS	NO	NONE	YES
TOX		GRAB	500	yellow AMBER	NO	H <sub>2</sub> SO <sub>4</sub>	YES
TC/FC		GRAB	100	white STERILE	NO	NaThio	YES
P/HERB		GRAB	3,1000	blue AMBER	NO	NONE	YES
METALS, T		GRAB	500	red HDPE	NO	HNO <sub>3</sub>	YES

### FIELD WATER QUALITY PARAMETERS

INSTRUMENT NO.	4	1	1	1	2	3	
SAMPLE	SPECIFIC COND (umhos/cm)	pH VALUE	REDOX mV	TEMP (°C)	DISSOLVED OXYGEN (mg/L)	TURBIDITY NTU	TIME
	<u>326</u>	<u>8.08</u>	<u>-61.0</u>	<u>10.5</u>	<u>12.86</u>	<u>19.4</u>	<u>1015</u>

#### NOTES:

INSTRUMENTS CALIBRATED PRIOR TO USE? YES  NO   
 #1) pH meter (pH, Redox, Temp) SN# 14768 #3) Turbidimeter # 1  
 standards used 4.7 readings 4.7.02 standard used 52.4 reading 53.4  
 #2) Dissolved Oxygen Meter SN# 4600 #4) Conductivity Meter SN# 1562

3 VOA TRIP BLANKS TURNED IN WITH THIS SAMPLE? YES  NO   
 VTRP VTRP BUBBLES? YES  NO  BUBBLES: DATE:  
 QC BOTTLES TURNED IN? YES  NO

SAMPLE IS TAKEN AT A WEIR SAMPLER.

### CUSTODY RECORD:

PERSONNEL Sevin Bilir SIGNATURE [Signature]  
 TOTAL NUMBER OF BOTTLES THIS SET 22

# VASW-2 (44)

KING COUNTY  
SOLID WASTE DIVISION

KCSW VASHON LF  
ID SVW3070814Q  
DATE 08/14/2007  
TIME 0800  
SAMPLER SB

## VASHON-2 SURFACE WATER SAMPLING FIELD RECORD

used for first weirs SW-W1, SW-W2, and SW-W3

### FIELD SAMPLING DATA

Station: **SW-W3**

Date/Time: 08/14/2007

Weather: clear cool

Location Description: **KCSW VASHON LF**

ID VTRP070814T  
DATE 08/14/07  
TIME 0800  
Sampler SB

*COPY*

SAMPLE ID # **SVW30708 14 q**

SAMPLE TYPE	DATE TIME	METHOD	VOLUME (mL)	CONTAINER TYPE	FIELD FILTERED (YES/NO)	PRES.	ICED YES/NO
RAD		GRAB	GALLON	plastic CUBE	NO	HNO <sub>3</sub>	YES
VOA		GRAB	6.40	green GLASS	NO	HCl	YES
TSS/TS	<u>08/</u>	GRAB	1000	blue HDPE	NO	NONE	YES
METALS, D	<u>14/</u>	GRAB	500	red HDPE	YES	HNO <sub>3</sub>	YES
PHYS 1	<u>2007</u>	GRAB	1000	blue HDPE	NO	NONE	YES
BOD		GRAB	1000	blue HDPE	NO	NONE	YES
CN	<u>08:00</u>	GRAB	250	green HDPE	NO	NaOH	YES
TOC		GRAB	2.40	gray TOC	NO	H <sub>3</sub> PO <sub>4</sub>	YES
COD/TP/TKN		GRAB	500	yellow HDPE	NO	H <sub>2</sub> SO <sub>4</sub>	YES
DO		GRAB	300	GLASS	NO	NONE	YES
TOX		GRAB	500	yellow AMBER	NO	H <sub>2</sub> SO <sub>4</sub>	YES
TC/FC		GRAB	100	white STERILE	NO	NaThio	YES
P/HERB		GRAB	3,1000	blue AMBER	NO	NONE	YES
METALS, T		GRAB	500	red HDPE	NO	HNO <sub>3</sub>	YES

### FIELD WATER QUALITY PARAMETERS

INSTRUMENT NO.	4	1	1	1	2	3	
SAMPLE	SPECIFIC COND (umhos/cm)	pH VALUE	REDOX mV	TEMP (°C)	DISSOLVED OXYGEN (mg/L)	TURBIDITY NTU	TIME
	<u>345</u>	<u>8.07</u>	<u>-6.0</u>	<u>12.2</u>	<u>10.02</u>	<u>13.5</u>	<u>0900</u>

#### NOTES:

INSTRUMENTS CALIBRATED PRIOR TO USE? YES  NO   
 #1) pH meter (pH, Redox, Temp) SN# 14768 #3) Turbidimeter # 1  
 standards used 4 & 7 readings 4.01/7.01 standard used 52.4 reading 53.4  
 #2) Dissolved Oxygen Meter SN# 4600 #4) Conductivity Meter SN# 1562 1413/1417

3 VOA TRIP BLANKS TURNED IN WITH THIS SAMPLE? YES  NO   
 VTRP 070814T VTRP BUBBLES? YES  NO  BUBBLES: DATE:  
 QC BOTTLES TURNED IN? YES  NO

SAMPLE IS TAKEN AT A WEIR SAMPLER.

### CUSTODY RECORD:

PERSONNEL SBilir SIGNATURE [Signature]  
 TOTAL NUMBER OF BOTTLES THIS SET 22



# VASW-2 (44)

KING COUNTY  
SOLID WASTE DIVISION

KCSW VASHON LF  
ID SVW3071030Q  
DATE 10/30/2007  
TIME 10:15  
Sampler SB

## VASHON-2 SURFACE WATER SAMPLING FIELD RECORD

used for first weirs SW-W1, SW-W2, and SW-W3

### FIELD SAMPLING DATA

Station: SW-W3

Date/Time: 10/30/2007

Weather: cool, overcast

Location Description: in stream, N of SW-W2

SAMPLE ID # SVW3071030 Q

SAMPLE TYPE	DATE TIME	METHOD	VOLUME (mL)	CONTAINER TYPE	FIELD FILTERED (YES,NO)	PRES.	ICED YES/NO
RAD		GRAB	GALLON	plastic CUBE	NO	HNO <sub>3</sub>	YES
VOA		GRAB	6,40	green GLASS	NO	HCl	YES
TSS/TS	10/30/2007	GRAB	1000	blue HDPE	NO	NONE	YES
METALS, D	30/1	GRAB	500	red HDPE	YES	HNO <sub>3</sub>	YES
PHYS 1	2007	GRAB	1000	blue HDPE	NO	NONE	YES
BOD		GRAB	1000	blue HDPE	NO	NONE	YES
CN	10:15	GRAB	250	green HDPE	NO	NaOH	YES
TOC		GRAB	2,40	gray TOC	NO	H <sub>3</sub> PO <sub>4</sub>	YES
COD/TP/TKN		GRAB	500	yellow HDPE	NO	H <sub>2</sub> SO <sub>4</sub>	YES
DO		GRAB	300	GLASS	NO	NONE	YES
TOX		GRAB	500	yellow AMBER	NO	H <sub>2</sub> SO <sub>4</sub>	YES
TC/FC		GRAB	100	white STERILE	NO	NaThio	YES
P/HERB		GRAB	3,1000	blue AMBER	NO	NONE	YES
METALS, T		GRAB	500	red HDPE	NO	HNO <sub>3</sub>	YES

### FIELD WATER QUALITY PARAMETERS

INSTRUMENT NO.	SPECIFIC COND (umhos/cm)	pH VALUE	REDOX mV	TEMP (°C)	DISSOLVED OXYGEN (mg/L)	TURBIDITY NTU	TIME
309	7.84	-48.0	10	6.92	54.9	1000	

#### NOTES:

INSTRUMENTS CALIBRATED PRIOR TO USE? YES  NO

#1) pH meter (pH, Redox, Temp) SN# 14768

standards used 4 & 7 readings 4/7.59

#2) Dissolved Oxygen Meter SN# 4600

TIME: 0800

#3) Turbidimeter # 1

standard used 52.4 reading 54.9

#4) Conductivity Meter SN# 1562 1413/1419

3 VOA TRIP BLANKS TURNED IN WITH THIS SAMPLE? YES  NO

VTRP 071030R VTRP BUBBLES? YES  NO

BUBBLES: DATE: 10/29/07

QC BOTTLES TURNED IN? YES  NO

SAMPLE IS TAKEN AT A WEIR SAMPLER.

### CUSTODY RECORD:

PERSONNEL

SIGNATURE

*[Signature]*

TOTAL NUMBER OF BOTTLES THIS SET

22 + 3 VTRP

# VASW-3 (45)

KING COUNTY  
SOLID WASTE DIVISION

KCSW VASHON LF  
ID SVW3071218-  
DATE 12/18/2007

## VASHON-3 SURFACE WATER SAMPLING FIELD RECORD

used for first weirs SW-W2 and SW-W3 (DECEMBER sampling)

Sampler SB

### FIELD SAMPLING DATA

Station: SW-W3

Date/Time: 12/18/2007 1000

Weather: Raining, 50°s

Location Description: in stream, N of SW-W2 ~100 ft S of SW-W4

SAMPLE ID # SVW3071218

SAMPLE TYPE	DATE TIME	METHOD	VOLUME (mL)	CONTAINER TYPE	FIELD FILTERED (YES,NO)	PRES.	ICED YES/NO
VOA		GRAB	6,40	GLASS	NO	HCl	YES
TSS/TS	12/18/2007	GRAB	1000	blue HDPE	NO	NONE	YES
METALS, D	12/18/2007	GRAB	500	red HDPE	YES	HNO <sub>3</sub>	YES
PHYS 1	2007	GRAB	1000	blue HDPE	NO	NONE	YES
COD/TP/TKN		GRAB	500	yellow HDPE	NO	H <sub>2</sub> SO <sub>4</sub>	YES
DO	10:00	GRAB	300	GLASS	NO	NONE	YES

### FIELD WATER QUALITY PARAMETERS

INSTRUMENT NO.	SPECIFIC COND (umhos/cm)	pH VALUE	REDOX mV	TEMP (°C)	DISSOLVED OXYGEN (mg/L)	TURBIDITY NTU	TIME
360	8.17	-64.8	7.5	7.95	9.29	0955	

#### NOTES:

INSTRUMENTS CALIBRATED PRIOR TO USE? YES  NO

TIME: 0930

#1) pH meter (pH, Redox, Temp) SN# 14768

standards used 4 & 7 readings 4.01/7

#3) Turbidimeter # 1

standard used 52.4 reading 54.8

#2) Dissolved Oxygen Meter SN# 4600 101.7

#4) Conductivity Meter SN# 1562 1413/1407

3 VOA TRIP BLANKS TURNED IN WITH THIS SAMPLE? YES  NO

VTRP VTRP BUBBLES? YES  NO

BUBBLES: DATE:

QC BOTTLES TURNED IN? YES  NO

SAMPLE IS TAKEN AT A WEIR SAMPLER.

### CUSTODY RECORD:

PERSONNEL

*S Bilir*

SIGNATURE

*[Signature]*

TOTAL NUMBER OF BOTTLES THIS SET

11

# VASW-2 (44)

KING COUNTY  
SOLID WASTE DIVISION

KCSWD VASHON LF  
ID SVW30803 12 Q

## VASHON-2 SURFACE WATER SAMPLING FIELD RECORD

used for first weirs SW-W1, SW-W2, and SW-W3

### FIELD SAMPLING DATA

Station: SW-W3  
Date/Time: 3/12/2008 1605  
Weather: COOL, OVERCAST

Location Description: in stream, N of SW-W2

SAMPLE ID # SVW30803 12 Q

SAMPLE TYPE	DATE TIME	METHOD	VOLUME (mL)	CONTAINER TYPE	FIELD FILTERED (YES/NO)	PRES.	ICED YES/NO
RAD		GRAB	GALLON	plastic CUBE	NO	HNO <sub>3</sub>	YES
VOA		GRAB	6.40	green GLASS	NO	HCl	YES
TSS/TS	3/	GRAB	1000	blue HDPE	NO	NONE	YES
METALS, D	12/	GRAB	500	red HDPE	YES	HNO <sub>3</sub>	YES
PHYS 1	2008	GRAB	1000	blue HDPE	NO	NONE	YES
BOD		GRAB	1000	blue HDPE	NO	NONE	YES
CN	10:15	GRAB	250	green HDPE	NO	NaOH	YES
TOC		GRAB	2.40	gray TOC	NO	H <sub>2</sub> PO <sub>4</sub>	YES
COD/TP/TKN		GRAB	500	yellow HDPE	NO	H <sub>2</sub> SO <sub>4</sub>	YES
DO		GRAB	300	GLASS	NO	NONE	YES
TOX		GRAB	500	yellow AMBER	NO	H <sub>2</sub> SO <sub>4</sub>	YES
TC/FC		GRAB	100	white STERILE	NO	NaThio	YES
P/HERB		GRAB	3,1000	blue AMBER	NO	NONE	YES
METALS, T		GRAB	500	red HDPE	NO	HNO <sub>3</sub>	YES

### FIELD WATER QUALITY PARAMETERS

INSTRUMENT NO.	4	1	1	1	2	3	
	SPECIFIC COND (umhos/cm)	pH VALUE	REDOX mV	TEMP (°C)	DISSOLVED OXYGEN (mg/L)	TURBIDITY NTU	TIME
	347	8.12	-66.2	7.6	7.06	9.54	1010

#### NOTES:

INSTRUMENTS CALIBRATED PRIOR TO USE? YES  NO   
 #1) pH meter (pH, Redox, Temp) SN# 3140044  
 standards used 4 & 7 readings n/a  
 #2) Dissolved Oxygen Meter SN# 4600 101.7  
 #3) Turbidimeter # 1  
 standard used 52.4 reading 50.2  
 #4) Conductivity Meter SN# 1562 1413/1405  
 3 VOA TRIP BLANKS TURNED IN WITH THIS SAMPLE? YES  NO   
 VTRP  VTRP BUBBLES? YES  NO  BUBBLES: DATE: 3/12/08  
 QC BOTTLES TURNED IN? YES  NO

SAMPLE IS TAKEN AT A WEIR SAMPLER.

### CUSTODY RECORD:

PERSONNEL: BILIR SIGNATURE: [Signature]  
 TOTAL NUMBER OF BOTTLES THIS SET: 22

# VASW (21)

KING COUNTY  
SOLID WASTE DIVISION

## VASHON QUARTERLY SURFACE WATER FIELD RECORD

### FIELD SAMPLING DATA

Station: Weir SW-W3  
Date/Time: 5/21/08 1050  
Weather: overcast, cool 50°s  
Location: VASHON hillslope

KCSWD VASHON LF  
ID SVW3080521 Q

Date 05/21/2008  
Sampler SB

### SAMPLING DATA

SAMPLE ID # SVW3080521 Q

SAMPLE TYPE	DATE TIME	METHOD	VOLUME (mL)	CONTAINER TYPE	FIELD FILTERED (YES/NO)	PRESERVATIVE	ICED YES/NO
RAD		GRAB	GALLON	CUBE	NO	HNO <sub>3</sub>	YES
VOA		GRAB	6.40	GLASS	NO	HCl	YES
TSS/TS	5/	GRAB	1000	HDPE	NO	NONE	YES
METALS	21/	GRAB	500	HDPE	NO	HNO <sub>3</sub>	YES
PHYS 1	2008	GRAB	1000	HDPE	NO	NONE	YES
BOD	10:55	GRAB	1000	HDPE	NO	NONE	YES
CN		GRAB	250	HDPE	NO	NaOH	YES
TOC		GRAB	2.40	GLASS	NO	H <sub>2</sub> PO <sub>4</sub>	YES
COD/TP/TKN		GRAB	500	HDPE	NO	H <sub>2</sub> SO <sub>4</sub>	YES
DO		GRAB	300	GLASS	NO	NONE	YES
TOX		GRAB	500	AMBER	NO	H <sub>2</sub> SO <sub>4</sub>	YES
TC/FC		GRAB	100	STERILE	NO	NaThio	YES
P/HERB		GRAB	3@1000	AMBER	NO	NONE	YES

### FIELD WATER QUALITY PARAMETERS

INSTR. #	1562	SN 14765	1562	4600	TURB STD USED: 52.4	METER READING: 54.7
	SPEC COND (umhos/cm)	pH VALUE	REDOX mV	TEMPERATURE (°C)	DISSOLVED OXYGEN (mg/L)	TURBIDITY NTU
1	407	8.21	-71.9	10.7	6.7	15.4

#### NOTES:

INSTRUMENTS CALIBRATED PRIOR TO USE? YES  NO  TIME: 0730 AM  
 3 VOA TRIP BLANKS INCLUDED? YES  NO  VTRP DATE: 5/21/08  
 14 QC BOTTLES INCLUDED? YES  NO

### CUSTODY RECORD:

PERSONNEL: SBILIR SIGNATURE: [Signature] DATE/TIME: 05/21/08 10:55  
 TOTAL NUMBER OF BOTTLES THIS SET: 21

# VASW-2 (44)

KING COUNTY  
SOLID WASTE DIVISION

## VASHON-2 SURFACE WATER SAMPLING FIELD RECORD

used for first weirs SW-W1, SW-W2, and SW-W3

### FIELD SAMPLING DATA

Station: **SW-W3**

Date/Time: 7/15/2008 1000

Weather: Warm, clear, ~75°F

Location Description: in stream,  
N of SW-W2

SAMPLE ID # SVW3080715 Q

SAMPLE TYPE	DATE TIME	METHOD	VOLUME (mL)	CONTAINER TYPE	FIELD FILTERED (YES/NO)	PRES.	ICED YES/NO
RAD		GRAB	GALLON	plastic CUBE	NO	HNO <sub>3</sub>	YES
VOA		GRAB	6.40	green GLASS	NO	HCl	YES
TSS/TS	<u>7/</u>	GRAB	1000	blue HDPE	NO	NONE	YES
METALS, D	<u>15/</u>	peristaltic pump/tubing	500	red HDPE	YES	HNO <sub>3</sub>	YES
PHYS 1	<u>2008</u>	GRAB	1000	blue HDPE	NO	NONE	YES
BOD		GRAB	1000	blue HDPE	NO	NONE	YES
CN	<u>10:05</u>	GRAB	250	green HDPE	NO	NaOH	YES
TOC		GRAB	2.40	gray TOC	NO	H <sub>3</sub> PO <sub>4</sub>	YES
COD/TP/TKN		GRAB	500	yellow HDPE	NO	H <sub>2</sub> SO <sub>4</sub>	YES
DO		GRAB	300	GLASS	NO	NONE	YES
TOX		GRAB	500	yellow AMBER	NO	H <sub>2</sub> SO <sub>4</sub>	YES
TC/FC		GRAB	100	white STERILE	NO	NaThio	YES
P/HERB		GRAB	3,1000	blue AMBER	NO	NONE	YES
METALS, T		GRAB	500	red HDPE	NO	HNO <sub>3</sub>	YES

### FIELD WATER QUALITY PARAMETERS

INSTRUMENT NO.	4	1	1	1	2	3	
	SPECIFIC COND (µmhos/cm)	pH VALUE	REDOX mV	TEMP (°C)	DISSOLVED OXYGEN (mg/L)	TURBIDITY NTU	TIME
<u>GRAB</u>	<u>374</u>	<u>7.73</u>	<u>-54.3</u>	<u>12.6</u>	<u>7.99</u>	<u>25.2</u>	<u>1000</u>

NOTES:  
INSTRUMENTS CALIBRATED PRIOR TO USE? YES  NO   
 #1) pH meter (pH, Redox, Temp) SN# 03140044  
 standards used 4 & 7 readings 5.71/-6  
 #2) Dissolved Oxygen Meter SN# 4600 101.7  
 #3) Turbidimeter # 1  
 standard used 5.36 reading 5.69  
 #4) Conductivity Meter SN# 1562 1413/1411  
 3 VOA TRIP BLANKS TURNED IN WITH THIS SAMPLE? YES  NO   
 VTRP VTRP BUBBLES? YES  NO  BUBBLES: \_\_\_\_\_ DATE: \_\_\_\_\_  
 QC BOTTLES TURNED IN? YES  NO

SAMPLE IS TAKEN AT A WEIR SAMPLER.

### CUSTODY RECORD:

PERSONNEL: S. Blair SIGNATURE: [Signature]  
 TOTAL NUMBER OF BOTTLES THIS SET: 22 ✓

# VASW-2 (44)

KING COUNTY  
SOLID WASTE DIVISION

## VASHON-2 SURFACE WATER SAMPLING FIELD RECORD

used for first weirs SW-W1, SW-W2, and SW-W3

### FIELD SAMPLING DATA

Station: **SW-W3**

Date/Time: 10/06/2008

Weather: Cold, 49°F, overcast

Location Description: \_\_\_\_\_

SAMPLE ID # SVW3081006 Q

SAMPLE TYPE	DATE TIME	METHOD	VOLUME (mL)	CONTAINER TYPE	FIELD FILTERED (YES/NO)	PRES.	ICED YES/NO
RAD		GRAB	GALLON	plastic CUBE	NO	HNO <sub>3</sub>	YES
VOA		GRAB	6.40	green GLASS	NO	HCl	YES
TSS/TS	<u>10/</u>	GRAB	1000	blue HDPE	NO	NONE	YES
METALS, D	<u>06/</u>	peristaltic pump/tubing	500	red HDPE	YES	HNO <sub>3</sub>	YES
PHYS 1	<u>2008</u>	GRAB	1000	blue HDPE	NO	NONE	YES
BOD		GRAB	1000	blue HDPE	NO	NONE	YES
CN	<u>10:30</u>	GRAB	250	green HDPE	NO	NaOH	YES
TOC		GRAB	2.40	gray GLASS	NO	H <sub>3</sub> PO <sub>4</sub>	YES
COD/TP/TKN		GRAB	500	yellow HDPE	NO	H <sub>2</sub> SO <sub>4</sub>	YES
DO		GRAB	300	GLASS/PLASTIC	NO	NONE	YES
TOX		GRAB	500	yellow AMBER	NO	H <sub>2</sub> SO <sub>4</sub>	YES
TC/FC		GRAB	100	white STERILE	NO	NaThio	YES
P/HERB		GRAB	3,1000	blue AMBER	NO	NONE	YES
METALS, T		GRAB	500	red HDPE	NO	HNO <sub>3</sub>	YES

### FIELD WATER QUALITY PARAMETERS

INSTRUMENT NO.	4	1	1	1	2	3	
	SPECIFIC COND (µmhos/cm)	pH VALUE	REDOX mV	TEMP (°C)	DISSOLVED OXYGEN (mg/L)	TURBIDITY NTU	TIME
<u>GRAB</u>	<u>384</u>	<u>7.36</u>	<u>-30.6</u>	<u>11.6</u>	<u>8.1</u>	<u>6.8</u>	<u>1020</u>

NOTES:  
INSTRUMENTS CALIBRATED PRIOR TO USE? YES  NO   
 #1) pH meter (pH, Redox, Temp) SN# 03140044  
 standards used 4 & 7 readings 4.01/7  
 #2) Dissolved Oxygen Meter SN# 4600 101.7  
 #3) Turbidimeter # 1  
 standard used 52.4 reading 54.6  
 #4) Conductivity Meter SN# 1562 1413/1420  
 3 VOA TRIP BLANKS TURNED IN WITH THIS SAMPLE? YES  NO   
 VTRP 081006R VTRP BUBBLES? YES  NO  BUBBLES: N/A DATE: 10/3/08  
 QC BOTTLES TURNED IN? YES  NO   
 EQUIPMENT BLANK TURNED IN WITH THIS SAMPLE? YES  NO

SAMPLE IS TAKEN AT SURFACE WATER/ GROUNDWATER INTERFACE.

### CUSTODY RECORD:

PERSONNEL: S. Blair SIGNATURE: [Signature] DATE / TIME: 10/06/08 1030  
 TOTAL NUMBER OF BOTTLES THIS SET: 22 +3 VTRP

# VASW-2 (44)

KING COUNTY  
SOLID WASTE DIVISION

## VASHON-2 SURFACE WATER SAMPLING FIELD RECORD

used for first weirs SW-W1, SW-W2, and SW-W3

### FIELD SAMPLING DATA

Station: **SW-W3**

Date/Time: 01 / 06 / 2009 1015

Weather: Rain, overcast, 40's, windy

SAMPLE ID # SVW30810 06 Q

Location Description: in stream, N of SW-W2

KCSWD VASHON LF  
ID SVW30810106Q  
Date 01/06/2009  
Sampler SB

KCSWD VASHON LF  
ID VTRP090106R  
Date 01/06/2009  
Sampler SB

SAMPLE TYPE	DATE TIME	METHOD	VOLUME (mL)	CONTAINER TYPE	FIELD FILTERED (YES/NO)	PRES.	ICED YES/NO
RAD		GRAB	GALLON	plastic CUBE	NO	HNO <sub>3</sub>	YES
VOA		GRAB	6,40	green GLASS	NO	HCl	YES
TSS/TS	01/	GRAB	1000	blue HDPE	NO	NONE	YES
METALS, D	06/	peristaltic pump/tubing	500	red HDPE	YES	HNO <sub>3</sub>	YES
PHYS 1	2009	GRAB	1000	blue HDPE	NO	NONE	YES
BOD		GRAB	1000	blue HDPE	NO	NONE	YES
CN	10:30	GRAB	250	green HDPE	NO	NaOH	YES
TOC		GRAB	2,40	gray GLASS	NO	H <sub>3</sub> PO <sub>4</sub>	YES
COD/TP/TKN		GRAB	500	yellow HDPE	NO	H <sub>2</sub> SO <sub>4</sub>	YES
DO		GRAB	300	GLASS/PLASTIC	NO	NONE	YES
TOX		GRAB	500	yellow AMBER	NO	H <sub>2</sub> SO <sub>4</sub>	YES
TC/FC		GRAB	100	white STERILE	NO	NaThio	YES
P/HERB		GRAB	3,1000	blue AMBER	NO	NONE	YES
METALS, T		GRAB	500	red HDPE	NO	HNO <sub>3</sub>	YES

### FIELD WATER QUALITY PARAMETERS

INSTRUMENT NO.	4	1	1	1	2	3	
METHOD	SPECIFIC COND (umhos/cm)	pH VALUE	REDOX mV	TEMP (°C)	DISSOLVED OXYGEN (mg/L)	TURBIDITY NTU	TIME
GRAB	431	7.17	-18.0	7.2	10.3	5.8	1020

GRAB NOTES:

INSTRUMENTS CALIBRATED PRIOR TO USE? YES  NO

#1) pH meter (pH, Redox, Temp) SN# 03140044 TIME: 1015  
#2) Dissolved Oxygen Meter SN# 4600 101.7  
#3) Turbidimeter # 1  
#4) Conductivity Meter SN# 1562 1413/1458

3 VOA TRIP BLANKS TURNED IN WITH THIS SAMPLE? YES  NO

VTRP 090106R VTRP BUBBLES? YES  NO  BUBBLES: DATE: 12/31/08

QC BOTTLES TURNED IN? YES  NO

EQUIPMENT BLANK TURNED IN WITH THIS SAMPLE? YES  NO

SAMPLE IS TAKEN AT SURFACE WATER/ GROUNDWATER INTERFACE.

### CUSTODY RECORD:

PERSONNEL

S. Bilir

SIGNATURE

DATE / TIME

1/6/09 1015

TOTAL NUMBER OF BOTTLES THIS SET

22

+ 3 VTRP

SW123/samplingFIELDSHEETS.xls

# VASW-2 (44)

KING COUNTY  
SOLID WASTE DIVISION

## VASHON-2 SURFACE WATER SAMPLING FIELD RECORD

used for first weirs SW-W1, SW-W2, and SW-W3

### FIELD SAMPLING DATA

Station: **SW-W3**

Date/Time: 03 / 26 / 2009 1015

Weather: cool, overcast 40's

SAMPLE ID # SVW30903 26 Q

Location Description: in stream, N of SW-W2

KCSWD VASHON LF  
ID SVW3090326Q  
Date 03/26/2009  
Sampler SB

SAMPLE TYPE	DATE TIME	METHOD	VOLUME (mL)	CONTAINER TYPE	FIELD FILTERED (YES/NO)	PRES.	ICED YES/NO
RAD		GRAB	GALLON	plastic CUBE	NO	HNO <sub>3</sub>	YES
VOA		GRAB	6,40	green GLASS	NO	HCl	YES
TSS/TS	03/	GRAB	1000	blue HDPE	NO	NONE	YES
METALS, D	26/	peristaltic pump/tubing	500	red HDPE	YES	HNO <sub>3</sub>	YES
PHYS 1	2009	GRAB	1000	blue HDPE	NO	NONE	YES
BOD		GRAB	1000	blue HDPE	NO	NONE	YES
CN	10:15	GRAB	250	green HDPE	NO	NaOH	YES
TOC		GRAB	2,40	gray GLASS	NO	H <sub>3</sub> PO <sub>4</sub>	YES
COD/TP/TKN		GRAB	500	yellow HDPE	NO	H <sub>2</sub> SO <sub>4</sub>	YES
DO		GRAB	300	GLASS/PLASTIC	NO	NONE	YES
TOX		GRAB	500	yellow AMBER	NO	H <sub>2</sub> SO <sub>4</sub>	YES
TC/FC		GRAB	100	white STERILE	NO	NaThio	YES
P/HERB		GRAB	3,1000	blue AMBER	NO	NONE	YES
METALS, T		GRAB	500	red HDPE	NO	HNO <sub>3</sub>	YES

### FIELD WATER QUALITY PARAMETERS

INSTRUMENT NO.	4	1	1	1	2	3	
METHOD	SPECIFIC COND (umhos/cm)	pH VALUE	REDOX mV	TEMP (°C)	DISSOLVED OXYGEN (mg/L)	TURBIDITY NTU	TIME
GRAB	389	7.75	-44.7	6.6	11.43	6.16	1015

GRAB NOTES:

INSTRUMENTS CALIBRATED PRIOR TO USE? YES  NO

#1) pH meter (pH, Redox, Temp) SN# 03140044 TIME: 1000  
#2) Dissolved Oxygen Meter SN# 4600 101.7  
#3) Turbidimeter # 1  
#4) Conductivity Meter SN# 1562 1413/1440

3 VOA TRIP BLANKS TURNED IN WITH THIS SAMPLE? YES  NO

VTRP 090326R VTRP BUBBLES? YES  NO  BUBBLES: 3mm DATE: 3/20/09

QC BOTTLES TURNED IN? YES  NO

EQUIPMENT BLANK TURNED IN WITH THIS SAMPLE? YES  NO

SAMPLE IS TAKEN AT SURFACE WATER/ GROUNDWATER INTERFACE.

### CUSTODY RECORD:

PERSONNEL

S. Bilir

SIGNATURE

DATE / TIME

3/25 1030

TOTAL NUMBER OF BOTTLES THIS SET

22

+ 3 VTRP

SW123/samplingFIELDSHEETS.xls



VASW-2 (44)

VASHON-2 SURFACE WATER FIELD RECORD

used for Weirs SW-W1, SW-W2, and SW-W3

KCSWD VASHON LF  
ID SVW3090713Q  
Date 07/13/2009  
Sampler SB

FIELD SAMPLING DATA

Station: SW-W3  
Date/Time: 07 / 13 / 2009 1030  
Weather: overcast, ~60°F  
Location: in stream, north of SW-W2

COPY

SAMPLE ID #	DATE	METHOD	VOLUME (mL)	CONTAINER TYPE	FIELD FILTERED (YES/NO)	PRESERVATIVE	ICED YES/NO
TSS		GRAB	1000	WM HDPE	NO	NONE	YES
COND/pH/ALK/TURB		GRAB	500	WM HDPE	NO	NONE	YES
TDS/TOTS	07/13/2009	GRAB	500	WM HDPE	NO	NONE	YES
ORTHOP/NH <sub>3</sub> /NO <sub>2</sub> /NO <sub>3</sub>	13/2009	GRAB	60	WM HDPE	YES	NONE	YES
TOTP		GRAB	250	WM HDPE	NO	NONE	YES
CL/FL/SO <sub>4</sub>		GRAB	125	WM HDPE	NO	NONE	YES
CN	10:45	GRAB	500	WM AMBER HDPE	NO	NaOH	YES
TKN/COD		GRAB	250	WM HDPE	NO	H2SO4	YES
WDO		SHAB	300	GLASS	NO	MnSO4 / AIA	NO
BOD		GRAB	2000	WM HDPE	NO	NONE	YES
TCC		GRAB	2,40	AMBER GLASS	NO	H3PO4	YES
TOX		GRAB	500	AMBER GLASS	NO	H2SO4	YES
METALS, t		GRAB	500	Acid Washed HDPE	NO	NONE	YES
METALS, d		GRAB	500	Acid Washed HDPE	YES	NONE	YES
TC/FC		GRAB	500	STERILE	NO	NONE	YES
PEST/HERB		GRAB	3, 1000	AMBER	NO	NONE	YES
VOA		GRAB	4, 40	GLASS	NO	HCl	YES

FILTER ORTHO SAMPLE USING METALS FILTER ✓  
Preserve WDO w/ PILLOW POUCHES & Place in insulated covers ✓  
LABEL & FILTER ONE OF THE METALS BOTTLES "FIELD FILTERED" ✓

FIELD WATER QUALITY PARAMETERS

INSTRUMENT NO.	1562	03140044	03140044	3140044	4600	TURB STD USED	5.36
SAMPLE	GRAB	484	8.01	-6.04	13.5	DISSOLVED OXYGEN (mg/L)	7.65
						TURBIDITY NTU	9.54
						TIME	1035

NOTES:  
DID THE LEAD ACETATE TEST STRIP INDICATE THE PRESENCE OF SULFIDE IN CN bottle? YES  NO   
PUT TEST STRIP RESULTS ON COC "test strip = no reaction" or "sulfide < 50 ppm"...or...  
if test strip darkens "test strip=reaction", write in column next to # of bottles

INSTRUMENTS CALIBRATED PRIOR TO USE? YES  NO  BUFFERS: (4, 7) 10  
4 QC BOTTLES (4 P/HERB) INCLUDED? YES  NO   
3 VTRPs INCLUDED WITH THIS SET? YES  NO  VTRP0907 DATE:  
BUBBLES? YES  NO  SIZES: N/A

CUSTODY RECORD: PERSONNEL: Sevin Bilir SIGNATURE: [Signature] DATE/TIME: 07/13/09 11:00

TOTAL NUMBER OF BOTTLES THIS SET 23

VASW-2 (44)

VASHON-2 SURFACE WATER FIELD RECORD

used for Weirs SW-W1, SW-W2, and SW-W3

KCSWD VASHON LF  
ID SVW3091020Q  
Date 10/20/2009  
Sampler SB

FIELD SAMPLING DATA

Station: SW-W3  
Date/Time: 10 / 20 / 2009 1049  
Weather: overcast, 50°F  
Location: in stream, north of SW-W2

COPY

SAMPLE ID #	DATE	METHOD	VOLUME (mL)	CONTAINER TYPE	FIELD FILTERED (YES/NO)	PRESERVATIVE	ICED YES/NO
TSS		GRAB	1000	WM HDPE	NO	NONE	YES
COND/pH/ALK/TURB		GRAB	500	WM HDPE	NO	NONE	YES
TDS/TOTS	10/20/2009	GRAB	500	WM HDPE	NO	NONE	YES
ORTHOP/NH <sub>3</sub> /NO <sub>2</sub> /NO <sub>3</sub>	20/2009	GRAB	60	WM HDPE	YES	NONE	YES
TOTP		GRAB	250	WM HDPE	NO	NONE	YES
CL/FL/SO <sub>4</sub>		GRAB	125	WM HDPE	NO	NONE	YES
CN	(Q) 11:10	GRAB	500	WM AMBER HDPE	NO	NaOH	YES
TKN/COD	(D) 11:20	GRAB	250	WM HDPE	NO	H2SO4	YES
WDO		SHAB	300	GLASS	NO	MnSO4 / AIA	NO
BOD		GRAB	2000	WM HDPE	NO	NONE	YES
TCC		GRAB	2,40	AMBER GLASS	NO	H3PO4	YES
TOX		GRAB	500	AMBER GLASS	NO	H2SO4	YES
METALS, t		GRAB	500	Acid Washed HDPE	NO	NONE	YES
METALS, d		GRAB	500	Acid Washed HDPE	YES	NONE	YES
TC/FC		GRAB	500	STERILE	NO	NONE	YES
PEST/HERB		GRAB	3, 1000	AMBER	NO	NONE	YES
VOA		GRAB	4, 40	GLASS	NO	HCl	YES

FILTER ORTHO SAMPLE USING METALS FILTER ✓  
Preserve WDO w/ PILLOW POUCHES & Place in insulated covers ✓  
LABEL & FILTER ONE OF THE METALS BOTTLES "FIELD FILTERED" ✓

FIELD WATER QUALITY PARAMETERS

INSTRUMENT NO.	1562	03140044	03140044	3140044	4600	TURB STD USED	5.36
SAMPLE	GRAB	389	7.04	-6.8	10.8	DISSOLVED OXYGEN (mg/L)	8.35
						TURBIDITY NTU	7.62
						TIME	1115

NOTES:  
DID THE LEAD ACETATE TEST STRIP INDICATE THE PRESENCE OF SULFIDE IN CN bottle? YES  NO   
PUT TEST STRIP RESULTS ON COC "test strip = no reaction" or "sulfide < 50 ppm"...or...  
if test strip darkens "test strip=reaction", write in column next to # of bottles

INSTRUMENTS CALIBRATED PRIOR TO USE? YES  NO  BUFFERS: (4, 7) 10  
4 QC BOTTLES (4 P/HERB) INCLUDED? YES  NO   
3 VTRPs INCLUDED WITH THIS SET? YES  NO  VTRP0910 DATE:  
BUBBLES? YES  NO  SIZES: N/A

CUSTODY RECORD: PERSONNEL: Sevin Bilir SIGNATURE: [Signature] DATE/TIME: 10/20/09 11:40

TOTAL NUMBER OF BOTTLES THIS SET 23 + 23

KING COUNTY  
SOLID WASTE DIVISION

VASW-2 (44)

KCSWD VASHON LF  
ID SVW3100121Q  
Date 01/21/2010  
Sampler SB/RT

VASHON-2 SURFACE WATER FIELD RECORD

used for Weirs SW-W1, SW-W2, and SW-W3

FIELD SAMPLING DATA

Station: SW-W3  
Date/Time: 01 / 21 / 2010 10:35  
Weather: overcast  
Location: 15 ft W of SW-W1 seepage area 50 in stream, north of SW-W2

SAMPLE ID#	DATE	METHOD	VOLUME (mL)	CONTAINER TYPE	FIELD FILTERED (YES/NO)	PRESERVATIVE	ICED YES/NO
TSS		GRAB	1000	WM HDPE	NO	NONE	YES
COND/ALK/TURB		GRAB	500	WM HDPE	NO	NONE	YES
TDS/TOT3	01/21	GRAB	500	WM HDPE	NO	NONE	YES
ORTHOP/NH <sub>4</sub> /NO <sub>3</sub> /NO <sub>2</sub>	2010	GRAB	60	WM HDPE	YES	NONE	YES
TOTP		GRAB	250	WM HDPE	NO	NONE	YES
CL/PL/SO <sub>4</sub>		GRAB	125	WM HDPE	NO	NONE	YES
CN	10:35	GRAB	500	WM AMBER HDPE	NO	NaOH	YES
TKN/COD		GRAB	250	WM HDPE	NO	H <sub>2</sub> SO <sub>4</sub>	YES
ROD		GRAB	2000	WM HDPE	NO	NONE	YES
TOC		GRAB	2,40	AMBER GLASS	NO	H <sub>2</sub> SO <sub>4</sub>	YES
TOX		GRAB	500	AMBER GLASS	NO	H <sub>2</sub> SO <sub>4</sub>	YES
METALS, t		GRAB	500	Acid Washed HDPE	NO	NONE	YES
METALS, d		GRAB	500	Acid Washed HDPE	YES	NONE	YES
TC/FC		GRAB	500	STERILE	NO	NONE	YES
PEST/HERB		GRAB	3, 1000	AMBER	NO	NONE	YES
VOA		GRAB	4, 40	GLASS	NO	HCl	YES

REMEMBER TO FILTER THE ORTHOPHOSPHATE SAMPLE I ✓  
FILTER DISS METALS & MAKE SURE THE TOTAL AND DISSOLVED METALS GO INTO CORRECT BOTTLES ✓  
LABEL ONE OF THE METALS BOTTLES "FIELD FILTERED" AND THEN FILTER THAT ONE I ✓

FIELD WATER QUALITY PARAMETERS

INSTRUMENT NO.	SPEC COND (µmhos/cm)	pH VALUE	TEMPERATURE (°C)	DISSOLVED OXYGEN (mg/L)	TURBIDITY NTU	TIME
1562 03140044 1562	377	8.05	9.2	10.11	7.08	1105

TURB STD USED: 5.36  
METER READING: 5.98

DID THE LEAD ACETATE TEST STRIP INDICATE THE PRESENCE OF SULFIDE IN CN BOTTLE? YES  NO   
PUT TEST STRIP RESULTS ON COC. "test strip = no reaction" or "sulfide < 50 ppm" or "Not Detected"  
if test strip darkens, "test strip reaction", write in column next to # of bottles. *See 2/21/10*

INSTRUMENTS CALIBRATED PRIOR TO USE? YES  NO  BUFFERS: 4, 7, 10  
4 QC BOTTLES (4 P/HERB) INCLUDED? YES  NO   
3 VTRPs INCLUDED WITH THIS SET? YES  NO  VTRP1001  
BUBBLES? YES  NO  SIZES: N/A DATE: 01/21/10

CUSTODY RECORD:  
PERSONNEL: Blair / Thompson  
SIGNATURE: [Signature]  
DATE/TIME: 01/21/10 11:10

TOTAL NUMBER OF BOTTLES THIS SET: 22 ✓

KING COUNTY  
SOLID WASTE DIVISION

VASW-2 (44)

KCSWD VASHON LF  
ID SVW3100419Q  
Date 04/19/2010  
Sampler RT/BK

VASHON-2 SURFACE WATER FIELD RECORD

FIELD SAMPLING DATA

Station: SW-W3  
Date/Time: 4-19-10 11:30  
Weather: 60's  
Location: Weir 3, West hillslope

SAMPLING DATA

SAMPLE ID# SVW3100419

SAMPLE TYPE	DATE TIME	METHOD	VOLUME (mL)	CONTAINER TYPE	FIELD FILTERED (YES/NO)	PRESERVATIVE	ICED YES/NO
TSS	4/19/10	GRAB	1000	WM HDPE	NO	NONE	YES
COND/ALK/TURB	4/19/10	GRAB	500	WM HDPE	NO	NONE	YES
TDS/TOT3	2010	GRAB	500	WM HDPE	NO	NONE	YES
ORTHOP/NH <sub>4</sub> /NO <sub>3</sub> /NO <sub>2</sub>	11:40	GRAB	60	WM HDPE	YES	NONE	YES
TOTP	a.m.	GRAB	250	WM HDPE	NO	NONE	YES
CL/FL/SO <sub>4</sub>		GRAB	125	WM HDPE	NO	NONE	YES
CN		GRAB	500	WM AMBER HDPE	NO	NaOH	YES
TKN/COD		GRAB	250	WM HDPE	NO	H <sub>2</sub> SO <sub>4</sub>	YES
BOD		GRAB	2000	WM HDPE	NO	NONE	YES
TOC		GRAB	2,40	AMBER GLASS	NO	H <sub>2</sub> SO <sub>4</sub>	YES
TOX		GRAB	500	AMBER GLASS	NO	H <sub>2</sub> SO <sub>4</sub>	YES
METALS, t		GRAB	500	Acid Washed HDPE	NO	NONE	YES
METALS, d		GRAB	500	Acid Washed HDPE	YES	NONE	YES
TC/FC		GRAB	500	STERILE	NO	NONE	YES
PEST/HERB		GRAB	3, 1000	AMBER	NO	NONE	YES
VOA		GRAB	4, 40	GLASS	NO	HCl	YES

REMEMBER TO FILTER THE ORTHOPHOSPHATE SAMPLE I ✓  
PLEASE REMEMBER TO FILTER THE DISS METALS AND MAKE SURE THE TOTAL AND DISSOLVED METALS GO INTO THE CORRECT BOTTLES ✓  
DON'T FORGET TO LABEL ONE OF THE METALS BOTTLES "FIELD FILTERED" AND THEN FILTER THAT ONE I ✓

FIELD WATER QUALITY PARAMETERS

INSTRUMENT NO.	SPEC COND (µmhos/cm)	pH VALUE	TEMPERATURE (°C)	DISSOLVED OXYGEN (mg/L)	TURBIDITY NTU	TIME
1562 3140044	312	10.71	11.0	NM	9.91	1135

TURB STD USED: 5.36  
METER READING: 4.91

NOTES: DID THE LEAD ACETATE TEST STRIP INDICATE THE PRESENCE OF SULFIDE? YES  NO   
REMEMBER TO PUT SULFIDE CHECK READINGS FOR CYANIDE ON CHAIN OF CUSTODY!

INSTRUMENTS CALIBRATED PRIOR TO USE? YES  NO  BUFFERS: 4, 7, 10  
4 QC BOTTLES (4 P/HERB) INCLUDED? YES  NO   
3 VTRPs INCLUDED WITH THIS SET? YES  NO  VTRP09  
BUBBLES? YES  NO  SIZES:

CUSTODY RECORD:

PERSONNEL: SB, RK  
SIGNATURE: [Signature]  
DATE/TIME: 4/19/10 12:05

COPY

VASW-2 (44)

Place label here

VASHON-2 SURFACE WATER FIELD RECORD

FIELD SAMPLING DATA (used for Weirs SW-W1, SW-W2 and SW-W3)

Station: SW-W3 KCSWD VASHON LF  
Date/Time: 8/16/10 11:00 ID SVW3100816Q  
Weather: Sunny Date 08/16/2010  
Location: Vashon Hillslope Weir 3 Sampler RT/BK

SAMPLING DATA

SAMPLE ID #	SAMPLE TYPE	DATE TIME	METHOD	VOLUME mL	CONTAINER TYPE	FIELD FILTERED (YES/NO)	PRESERVATIVE	ICED YES/NO
<u>SVW3100816Q</u>								
TSS		<u>8/16/10</u>	GRAB	1000	WM HDPE	NO	NONE	YES
COND/ALK/TURB		<u>10/1</u>	GRAB	500	WM HDPE	NO	NONE	YES
TDS/TOTS		<u>2010</u>	GRAB	500	WM HDPE	NO	NONE	YES
ORTHOP/NH <sub>3</sub> /NO <sub>2</sub> /NO <sub>3</sub>		<u>11:45</u>	GRAB	60	WM HDPE	YES	NONE	YES
TOTP		<u>a.m.</u>	GRAB	250	WM HDPE	NO	NONE	YES
CL/FL/SO <sub>4</sub>			GRAB	125	WM HDPE	NO	NONE	YES
CN			GRAB	500	WM AMBER HDPE	NO	NaOH	YES
TKN/COD			GRAB	250	WM HDPE	NO	H <sub>2</sub> SO <sub>4</sub>	YES
BOD			GRAB	2000	WM HDPE	NO	NONE	YES
TOC			GRAB	2,40	AMBER GLASS	NO	H <sub>2</sub> PO <sub>4</sub>	YES
TOX			GRAB	500	AMBER GLASS	NO	H <sub>2</sub> SO <sub>4</sub>	YES
METALS, t			GRAB	500	Acid Washed HDPE	NO	NONE	YES
METALS, d			GRAB	500	Acid Washed HDPE	YES	NONE	YES
TC/FC			GRAB	500	STERILE	NO	NONE	YES
PEST/HERB			GRAB	3, 1000	AMBER	NO	NONE	YES
VOA			GRAB	4, 40	GLASS	NO	HCl	YES

REMEMBER TO FILTER THE ORTHOPHOSPHATE SAMPLE!  
PLEASE REMEMBER TO FILTER THE DISS METALS AND MAKE SURE THE TOTAL AND DISSOLVED METALS GO INTO THE CORRECT BOTTLES.  
DON'T FORGET TO LABEL ONE OF THE METALS BOTTLES "FIELD FILTERED" - AND THEN FILTER THAT ONE!

FIELD WATER QUALITY PARAMETERS

INSTRUMENT NO. 0340049 1562 TURB STD USED 5.36  
METER READING: 4.98

SAMPLE	SPEC COND (umhos/cm)	pH VALUE	TEMPERATURE (°C)	DISSOLVED OXYGEN (mg/L)	TURBIDITY NTU	TIME
<u>1</u>	<u>228</u>	<u>6.75</u>	<u>14.7</u>	<u>NM</u>	<u>9.14</u>	<u>11:20</u>

NOTES: DID THE LEAD ACETATE TEST STRIP INDICATE THE PRESENCE OF SULFIDE? YES  NO   
REMEMBER TO PUT SULFIDE CHECK READINGS FOR CYANIDE ON CHAIN OF CUSTODY!  
INSTRUMENTS CALIBRATED PRIOR TO USE? YES  NO  BUFFERS: 4 10 11:19  
4 QC BOTTLES (4 P/HERB) INCLUDED? YES  NO   
3 VTRPs INCLUDED WITH THIS SET? YES  NO  DATE: 8/16/10  
BUBBLES? YES  NO  SIZES:

CUSTODY RECORD:

PERSONNEL: Rebecca Thompson SIGNATURE: [Signature] DATE/TIME: 8/16/10 11:50

TOTAL NUMBER OF BOTTLES THIS SET 22



VASW (21)

VASHON QUARTERLY SURFACE WATER FIELD RECORD

FIELD SAMPLING DATA

Station: Weir SW-W3 KCSWD VASHON LF  
Date/Time: 11/9/10 10:47 ID SVW3101109Q  
Weather: rain ~40s Date 11/09/2010  
Location: Vashon W Hillslope Sampler RT/SM

SAMPLING DATA

SAMPLE ID #	SAMPLE TYPE	DATE TIME	METHOD	VOLUME mL	CONTAINER TYPE	FIELD FILTERED (YES/NO)	PRESERVATIVE	ICED YES/NO
<u>SVW3101109</u>								
TSS		<u>11/9/10</u>	GRAB	1000	WM HDPE	NO	NONE	YES
COND/ALK/TURB		<u>9/1</u>	GRAB	500	WM HDPE	NO	NONE	YES
TDS/TOTS		<u>2010</u>	GRAB	500	WM HDPE	NO	NONE	YES
ORTHOP/NH <sub>3</sub> /NO <sub>2</sub> /NO <sub>3</sub>		<u>10:47</u>	GRAB	60	WM HDPE	YES	NONE	YES
TOTP		<u>a.m.</u>	GRAB	250	WM HDPE	NO	NONE	YES
CL/FL/SO <sub>4</sub>			GRAB	125	WM HDPE	NO	NONE	YES
CN			GRAB	500	WM AMBER HDPE	NO	NaOH	YES
TKN/COD			GRAB	250	WM HDPE	NO	H <sub>2</sub> SO <sub>4</sub>	YES
BOD			GRAB	2000	WM HDPE	NO	NONE	YES
TOC			GRAB	2,40	AMBER GLASS	NO	H <sub>2</sub> PO <sub>4</sub>	YES
TOX			GRAB	500	AMBER GLASS	NO	H <sub>2</sub> SO <sub>4</sub>	YES
METALS, t			GRAB	500	Acid Washed HDPE	NO	NONE	YES
METALS, d			GRAB	500	Acid Washed HDPE	Yes	NONE	YES
TC/FC			GRAB	500	STERILE	NO	NONE	YES
VOA			GRAB	4, 40	GLASS	NO	HCl	YES
PEST/HERB			GRAB	3, 1000	AMBER	NO	NONE	YES

REMEMBER TO FILTER THE ORTHOPHOSPHATE SAMPLE!  
PLEASE REMEMBER TO FILTER THE DISS METALS AND MAKE SURE THE TOTAL AND DISSOLVED METALS GO INTO THE CORRECT BOTTLES.

FIELD WATER QUALITY PARAMETERS

INSTR. # 1 10 10 Time 3.77 TURB STD USED 5.36  
METER READING: 3.76  
4 3.76  
3.7

SAMPLE	SPEC COND (umhos/cm)	pH VALUE	TEMPERATURE (°C)	DISSOLVED OXYGEN (mg/L)	TURBIDITY NTU	TIME
<u>1</u>	<u>310</u>	<u>7.06</u>	<u>8.5</u>	<u>9.39</u>	<u>33.7</u>	<u>10:47</u>

NOTES: DID THE LEAD ACETATE TEST STRIP INDICATE THE PRESENCE OF SULFIDE? YES  NO   
REMEMBER TO PUT SULFIDE CHECK READINGS FOR CYANIDE ON CHAIN OF CUSTODY!  
INSTRUMENTS CALIBRATED PRIOR TO USE? YES  NO  BUFFERS: 4 10 10:47  
4 QC BOTTLES (4 P/HERB) INCLUDED? YES  NO   
3 VTRPs INCLUDED WITH THIS SET? YES  NO  DATE: 11/9/10  
VTRP BUBBLES? YES  NO  BUBBLE DIAMETERS:  
4 QC BOTTLES (4 P/HERB) INCLUDED? YES  NO

CUSTODY RECORD:

PERSONNEL: Rebecca Thompson SIGNATURE: [Signature] DATE/TIME: 11/9/10 11:55

TOTAL NUMBER OF BOTTLES THIS SET 22

# VASW-3 (45)

KING COUNTY  
SOLID WASTE DIVISION

KC VASHON LF  
ID SV14E070509  
DATE 05/09/07  
TIME 10:15  
SAMPLER SB

## VASHON-3 SURFACE WATER SAMPLING FIELD RECORD

one-time special event for flowing surface water

### FIELD SAMPLING DATA

Station: 14E  
Date/Time: 05/09/07 1000  
Weather: cool, clear

Location Description: flowing stream  
N of SW-3

COPY

SAMPLE ID # SV14E070509

SAMPLE TYPE	DATE TIME	METHOD	VOLUME (mL)	CONTAINER TYPE	FIELD FILTERED (YES,NO)	PRES.	ICED YES/NO
VOA	05/09/07	GRAB	6.40	green GLASS	NO	HCl	YES
TSS/TS	09/1	GRAB	1000	blue HDPE	NO	NONE	YES
METALS, D	09/1	GRAB	500	red HDPE	YES	HNO <sub>3</sub>	YES
PHYS 1	2007	GRAB	1000	blue HDPE	NO	NONE	YES
COD/TP/TKN	10:15	GRAB	500	yellow HDPE	NO	H <sub>2</sub> SO <sub>4</sub>	YES
DO	10:15	GRAB	300	GLASS	NO	NONE	YES

### FIELD WATER QUALITY PARAMETERS

INSTRUMENT NO.	4	1	1	1	2	3	
SAMPLE	SPECIFIC COND (umhos/cm)	pH VALUE	REDOX mV	TEMP (°C)	DISSOLVED OXYGEN (mg/L)	TURBIDITY NTU	TIME
	417	8.11	-62.5	10.5	10.6	32.8	1030

#### NOTES:

INSTRUMENTS CALIBRATED PRIOR TO USE? YES  NO  TIME: 0730  
 #1) pH meter (pH, Redox, Temp) SN# 14768 #3) Turbidimeter # 1  
 standards used 4.7 readings 4.7, 0.2 standard used 52.4 reading 52.4  
 #2) Dissolved Oxygen Meter SN# 4600 #4) Conductivity Meter SN# 1562

3 VOA TRIP BLANKS TURNED IN WITH THIS SAMPLE? YES  NO   
 VTRP VTRP BUBBLES? YES  NO  BUBBLES: DATE:  
 QC BOTTLES TURNED IN? YES  NO

SAMPLE IS TAKEN FROM STREAM

### CUSTODY RECORD:

PERSONNEL Sewin Bilir SIGNATURE [Signature]  
 TOTAL NUMBER OF BOTTLES THIS SET 11

# VASW-3 (45)

KING COUNTY  
SOLID WASTE DIVISION

KC VASHON LF  
ID SVW4070510  
DATE 05/10/07  
TIME 13:35  
SAMPLER SB

## VASHON-3 SURFACE WATER SAMPLING FIELD RECORD

used for new weirs SW-4, SW-5, SW-6 and SW-7

### FIELD SAMPLING DATA

Station: SW-4  
Date/Time: 05/10/07 1320  
Weather: clear, warm

Location Description: small weir  
-30 ft W of SW02

COPY

SAMPLE ID # SVW4070510

SAMPLE TYPE	DATE TIME	METHOD	VOLUME (mL)	CONTAINER TYPE	FIELD FILTERED (YES,NO)	PRES.	ICED YES/NO
VOA	05/10/07	GRAB	6.40	green GLASS	NO	HCl	YES
TSS/TS	10/1	GRAB	1000	blue HDPE	NO	NONE	YES
METALS, D	10/1	GRAB	500	red HDPE	YES	HNO <sub>3</sub>	YES
PHYS 1	2007	GRAB	1000	blue HDPE	NO	NONE	YES
COD/TP/TKN	13:35	GRAB	500	yellow HDPE	NO	H <sub>2</sub> SO <sub>4</sub>	YES
DO	13:35	GRAB	300	GLASS	NO	NONE	YES

### FIELD WATER QUALITY PARAMETERS

INSTRUMENT NO.	4	1	1	1	2	3	
SAMPLE	SPECIFIC COND (umhos/cm)	pH VALUE	REDOX mV	TEMP (°C)	DISSOLVED OXYGEN (mg/L)	TURBIDITY NTU	TIME
	239	7.85	-48.5	13.5	8.21	6.32	1350

#### NOTES:

INSTRUMENTS CALIBRATED PRIOR TO USE? YES  NO  TIME: 0715  
 #1) pH meter (pH, Redox, Temp) SN# 14768 #3) Turbidimeter # 1  
 standards used 7, 10, 01 readings 7.9, 5.7 standard used 5.36 reading 5.62  
 #2) Dissolved Oxygen Meter SN# 4600 #4) Conductivity Meter SN# 1562

3 VOA TRIP BLANKS TURNED IN WITH THIS SAMPLE? YES  NO   
 VTRP VTRP BUBBLES? YES  NO  BUBBLES: DATE:  
 QC BOTTLES TURNED IN? YES  NO

SAMPLE IS TAKEN AT A WEIR SAMPLER.

### CUSTODY RECORD:

PERSONNEL Sewin Bilir SIGNATURE [Signature]  
 TOTAL NUMBER OF BOTTLES THIS SET 11



# VASW-3 (45)

KING COUNTY  
SOLID WASTE DIVISION

## VASHON-3 SURFACE WATER SAMPLING FIELD RECORD

used for new weirs SW-W4, SW-W5, SW-W6 and SW-W7

KCSW VASHON LF  
ID SVW4070814  
DATE 08/14/2007  
TIME 10:45  
Sampler SB

### FIELD SAMPLING DATA

Station: SW-W4  
Date/Time: 08/14/2007 Location Description: small weir  
Weather: clear cool -30 ft W of SW-W2

SAMPLE ID # SVW4070814

SAMPLE TYPE	DATE TIME	METHOD	VOLUME (mL)	CONTAINER TYPE	FIELD FILTERED (YES/NO)	PRES.	ICED YES/NO
VOA		GRAB	6.40	green GLASS	NO	HCl	YES
TSS/TS	08/14/2007	GRAB	1000	blue HDPE	NO	NONE	YES
METALS, D	14/2007	GRAB	500	red HDPE	YES	HNO <sub>3</sub>	YES
PHYS 1	2007	GRAB	1000	blue HDPE	NO	NONE	YES
COD/TP/TKN		GRAB	500	yellow HDPE	NO	H <sub>2</sub> SO <sub>4</sub>	YES
DO	10:45	GRAB	300	GLASS	NO	NONE	YES

### FIELD WATER QUALITY PARAMETERS

INSTRUMENT NO.	4 SPECIFIC COND (umhos/cm)	1 pH VALUE	1 REDOX mV	1 TEMP (°C)	2 DISSOLVED OXYGEN (mg/L)	3 TURBIDITY NTU	TIME
	2.31	7.71	-40.6	14	7.53	43.3	1110

#### NOTES:

INSTRUMENTS CALIBRATED PRIOR TO USE? YES  NO  TIME: 0810

#1) pH meter (pH, Redox, Temp) SN# 14768  
standards used 4 & 7 readings 4.01/7.01

#2) Dissolved Oxygen Meter SN# 4600

#3) Turbidimeter # 1  
standard used 52.4 readings 53.4

#4) Conductivity Meter SN# 1562 1413/1412

3 VOA TRIP BLANKS TURNED IN WITH THIS SAMPLE? YES  NO

VTRP VTRP BUBBLES? YES  NO  BUBBLES: DATE:

QC BOTTLES TURNED IN? YES  NO

SAMPLE IS TAKEN AT A WEIR SAMPLER.

### CUSTODY RECORD:

PERSONNEL SBillir SIGNATURE [Signature]

TOTAL NUMBER OF BOTTLES THIS SET 11

# VASW-3 (45)

KING COUNTY  
SOLID WASTE DIVISION

## VASHON-3 SURFACE WATER SAMPLING FIELD RECORD

used for new weirs SW-W4, SW-W5, SW-W6 and SW-W7

KCSW VASHON LF  
ID SVW4071031  
DATE 10/31/2007  
TIME 12:00  
Sampler SB

### FIELD SAMPLING DATA

Station: SW-W4  
Date/Time: 10/31/2007 Location Description: small weir  
Weather: cool, overcast -30 ft W of SW-W2

SAMPLE ID # SVW4071031

SAMPLE TYPE	DATE TIME	METHOD	VOLUME (mL)	CONTAINER TYPE	FIELD FILTERED (YES/NO)	PRES.	ICED YES/NO
VOA		GRAB	6.40	green GLASS	NO	HCl	YES
TSS/TS	10/31/2007	GRAB	1000	blue HDPE	NO	NONE	YES
METALS, D	31/2007	GRAB	500	red HDPE	YES	HNO <sub>3</sub>	YES
PHYS 1	2007	GRAB	1000	blue HDPE	NO	NONE	YES
COD/TP/TKN		GRAB	500	yellow HDPE	NO	H <sub>2</sub> SO <sub>4</sub>	YES
DO	12:00	GRAB	300	GLASS	NO	NONE	YES

### FIELD WATER QUALITY PARAMETERS

INSTRUMENT NO.	4 SPECIFIC COND (umhos/cm)	1 pH VALUE	1 REDOX mV	1 TEMP (°C)	2 DISSOLVED OXYGEN (mg/L)	3 TURBIDITY NTU	TIME
	2.12	7.78	-43.3	8.6	6.78	8.63	1145

#### NOTES:

INSTRUMENTS CALIBRATED PRIOR TO USE? YES  NO  TIME: 0900

#1) pH meter (pH, Redox, Temp) SN# 14768  
standards used 4 & 7 readings 4/7.13

#2) Dissolved Oxygen Meter SN# 4600

#3) Turbidimeter # 1  
standard used 52.4 reading 56.8

#4) Conductivity Meter SN# 1562 1413/1421

3 VOA TRIP BLANKS TURNED IN WITH THIS SAMPLE? YES  NO

VTRP 0710315 VTRP BUBBLES? YES  NO  BUBBLES: DATE: 10/29/07

QC BOTTLES TURNED IN? YES  NO

SAMPLE IS TAKEN AT A WEIR SAMPLER.

### CUSTODY RECORD:

PERSONNEL [Signature] SIGNATURE [Signature]

TOTAL NUMBER OF BOTTLES THIS SET 11  
+3 VTRP

# VASW-3 (45)

KING COUNTY  
SOLID WASTE DIVISION

KCSW VASHON LF  
ID SVW4071218-  
DATE 12/18/2007

## VASHON-3 SURFACE WATER SAMPLING FIELD RECORD

used for new weirs SW-W4, SW-W5, SW-W6 and SW-W7

### FIELD SAMPLING DATA

Station: SW-W4

Date/Time: 12 / 18 / 2007 1030

Weather: Raining, 50's

Location Description: small weir

~30 ft W of SW-W2

SAMPLE ID # SVW40712 18 -

SAMPLE TYPE	DATE TIME	METHOD	VOLUME (mL)	CONTAINER TYPE	FIELD FILTERED (YES/NO)	PRES.	ICED YES/NO
VOA		GRAB	6.40	green GLASS	NO	HCl	YES
TSS/TS	12/	GRAB	1000	blue HDPE	NO	NONE	YES
METALS, D	18 /	GRAB	500	red HDPE	YES	HNO <sub>3</sub>	YES
PHYS 1	2007	GRAB	1000	blue HDPE	NO	NONE	YES
COD/TP/TKN		GRAB	500	yellow HDPE	NO	H <sub>2</sub> SO <sub>4</sub>	YES
DO		GRAB	300	GLASS	NO	NONE	YES

### FIELD WATER QUALITY PARAMETERS

INSTRUMENT NO.	4	1	1	1	2	3	TIME
	SPECIFIC COND (umhos/cm)	pH VALUE	REDOX mV	TEMP (°C)	DISSOLVED OXYGEN (mg/L)	TURBIDITY NTU	
	203	8.08	-61.8	6.5	8.11	5.11	1025

#### NOTES:

INSTRUMENTS CALIBRATED PRIOR TO USE? YES  NO

TIME: 0930

#1) pH meter (pH, Redox, Temp) SN# 14768

standards used 4 & 7 readings 4.0 / 7

#3) Turbidimeter # 1

standard used 52.4 reading 54.8

#2) Dissolved Oxygen Meter SN# 4800

101.7

#4) Conductivity Meter SN# 1562 1413/1407

3 VOA TRIP BLANKS TURNED IN WITH THIS SAMPLE? YES  NO

VTRP VTRP BUBBLES? YES  NO

BUBBLES: DATE:

QC BOTTLES TURNED IN? YES  NO

SAMPLE IS TAKEN AT A WEIR SAMPLER.

#### CUSTODY RECORD:

PERSONNEL

SBahr

SIGNATURE

[Signature]

TOTAL NUMBER OF BOTTLES THIS SET

11

# VASW-3 (45)

KING COUNTY  
SOLID WASTE DIVISION

KCSW VASHON LF  
ID SVW40803 12 -

## VASHON-3 SURFACE WATER SAMPLING FIELD RECORD

used for new weirs SW-W4, SW-W5, SW-W6 and SW-W7

Date 03 / 12 / 2008

Sampler SB

### FIELD SAMPLING DATA

Station: SW-W4

Date/Time: 3 / 12 / 2008 1020

Weather: Cool, overcast

Location Description: small weir

~30 ft W of SW-W2

SAMPLE ID # SVW40803 12 -

SAMPLE TYPE	DATE TIME	METHOD	VOLUME (mL)	CONTAINER TYPE	FIELD FILTERED (YES/NO)	PRES.	ICED YES/NO
VOA		GRAB	6.40	green GLASS	NO	HCl	YES
TSS/TS	3/	GRAB	1000	blue HDPE	NO	NONE	YES
METALS, D	12 /	GRAB	500	red HDPE	YES	HNO <sub>3</sub>	YES
PHYS 1	2008	GRAB	1000	blue HDPE	NO	NONE	YES
COD/TP/TKN		GRAB	500	yellow HDPE	NO	H <sub>2</sub> SO <sub>4</sub>	YES
DO	10:30	GRAB	300	GLASS	NO	NONE	YES

### FIELD WATER QUALITY PARAMETERS

INSTRUMENT NO.	4	1	1	1	2	3	TIME
	SPECIFIC COND (umhos/cm)	pH VALUE	REDOX mV	TEMP (°C)	DISSOLVED OXYGEN (mg/L)	TURBIDITY NTU	
	223	8.05	-60.1	6.7	6.94	9.54	1025

#### NOTES:

INSTRUMENTS CALIBRATED PRIOR TO USE? YES  NO

TIME: 0830

#1) pH meter (pH, Redox, Temp) SN# 3140044

standards used 4 & 7 readings N/A

#3) Turbidimeter # 1

standard used 52.4 reading 56.2

#2) Dissolved Oxygen Meter SN# 4600 101.7

#4) Conductivity Meter SN# 1562 1413/1408

3 VOA TRIP BLANKS TURNED IN WITH THIS SAMPLE? YES  NO

VTRP VTRP BUBBLES? YES  NO

BUBBLES: DATE:

QC BOTTLES TURNED IN? YES  NO

SAMPLE IS TAKEN AT A WEIR SAMPLER.

#### CUSTODY RECORD:

PERSONNEL

BLIK

SIGNATURE

[Signature]

TOTAL NUMBER OF BOTTLES THIS SET

11

# VASW-3 (45)

KING COUNTY  
SOLID WASTE DIVISION

NO SAMPLE

## VASHON-3 SURFACE WATER SAMPLING FIELD RECORD

used for new weirs SW-W4, SW-W5, SW-W6 and SW-W7

COPY

### FIELD SAMPLING DATA

Station: SW-W4  
 Date/Time: 7/15/2008 1050  
 Weather: clear, warm, 75°F  
 Location Description: small weir  
~30 ft W of SW-W2

SAMPLE ID #	DATE	METHOD	VOLUME (ml)	CONTAINER TYPE	FIELD USE	CEC
VOA		GRAB	6.40	green GLASS	NO	YES
TSS/TS	7/15/2008	GRAB	10.0	blue HDPE	NO	YES
META/TS		GRAB	5.00	red HDPE	YES	YES
PHYS	2008	GRAB	1000	blue HDPE	NO	YES
COD/PTIKN		GRAB	500	yellow HDPE	NO	YES
DO		GRAB	300	GLASS	NO	YES

### FIELD WATER QUALITY PARAMETERS

INSTRUMENT NO.	4	1	1	1	2	3	TIME
	SPECIFIC COND (umhos/cm)	pH VALUE	REDOX mV	TEMP (°C)	DISSOLVED OXYGEN (mg/L)	TURBIDITY NTU	
grab	252	7.82	-50.5	14.2	7.57	5.25	1050

NOTES:  
 INSTRUMENTS CALIBRATED PRIOR TO USE? YES  NO  TIME: 0810  
 #1) pH meter (pH, Redox, Temp) SN# 03140044 standards used 4 & 7 readings 57.1/-6  
 #2) Dissolved Oxygen Meter SN# 4600 10.7  
 #3) Turbidimeter # 1 standard used 5.36 reading 5.69  
 #4) Conductivity Meter SN# 1562 1413/1411  
 3 VOA TRIP BLANKS TURNED IN WITH THIS SAMPLE? YES  NO  N/A  
 VTRP VTRP BUBBLES? YES  NO  BUBBLES: DATE:  
 QC BOTTLES TURNED IN? YES  NO  N/A  
 SAMPLE IS TAKEN AT A WEIR SAMPLER. wq test only

### CUSTODY RECORD:

PERSONNEL: S. Bilir SIGNATURE: [Signature]  
 TOTAL NUMBER OF BOTTLES THIS SET: 1

# VASW-3 (45)

KING COUNTY  
SOLID WASTE DIVISION

Place label here  
N/A

## VASHON-3 SURFACE WATER SAMPLING FIELD RECORD

used for new weirs SW-W4, SW-W5, SW-W6 and SW-W7

COPY

### FIELD SAMPLING DATA

Station: SW-W4  
 Date/Time: 10/06/2008 1032  
 Weather: Cold, SOP's, overcast  
 Location Description: small weir  
~30 ft W of SW-W2

SAMPLE ID #	DATE	METHOD	VOLUME (ml)	CONTAINER TYPE	FIELD USE	CEC
VOA		GRAB	6.4	green GLASS	NO	YES
TSS/TS	10/6/2008	GRAB	10.0	blue HDPE	NO	YES
META/TS		GRAB	5.00	red HDPE	YES	YES
PHYS	2008	GRAB	1000	blue HDPE	NO	YES
COD/PTIKN		GRAB	500	yellow HDPE	NO	YES
DO		GRAB	300	GLASS/PLASTIC	NO	YES

### FIELD WATER QUALITY PARAMETERS

INSTRUMENT NO.	4	1	1	1	2	3	TIME
	SPECIFIC COND (umhos/cm)	pH VALUE	REDOX mV	TEMP (°C)	DISSOLVED OXYGEN (mg/L)	TURBIDITY NTU	
GRAB	274	8.25	-61.1	11.8	6.8	14.9	1032

NOTES:  
 INSTRUMENTS CALIBRATED PRIOR TO USE? YES  NO  TIME: 0930  
 #1) pH meter (pH, Redox, Temp) SN# 03140044 standards used 4 & 7 readings 40.7  
 #2) Dissolved Oxygen Meter SN# 4600 10.7  
 #3) Turbidimeter # 1 standard used 52.4 reading 51.6  
 #4) Conductivity Meter SN# 1562 1413/1420  
 3 VOA TRIP BLANKS TURNED IN WITH THIS SAMPLE? YES  NO  N/A  
 VTRP VTRP BUBBLES? YES  NO  BUBBLES: DATE:  
 QC BOTTLES TURNED IN? YES  NO  N/A  
 EQUIPMENT BLANK TURNED IN WITH THIS SAMPLE? YES  NO   
 SAMPLE IS TAKEN AT SURFACE WATER/ GROUNDWATER INTERFACE.

### CUSTODY RECORD:

PERSONNEL: S. Bilir SIGNATURE: [Signature] DATE/TIME: 10/06/08 1032  
 TOTAL NUMBER OF BOTTLES THIS SET: 1 N/A

# VASW-3 (45)

KING COUNTY  
SOLID WASTE DIVISION

Place label here  
NKA

## VASHON-3 SURFACE WATER SAMPLING FIELD RECORD

used for new weirs SW-W4, SW-W5, SW-W6 and SW-W7

### FIELD SAMPLING DATA

Station: SW-W4  
Date/Time: 01 / 06 / 2009 Location Description: small weir  
Weather: Rain, overcast, windy, 40's -30 ft W of SW-W2

COPY

### SAMPLE ID #

SAMPLE TYPE	DATE TIME	METHOD	VOLUME (ml)	CONTAINER TYPE	FIELD YES/NO	CED YES/NO
VOA		GRAB	500	green GLASS	NO	YES
TSS/TS		GRAB	1000	blue HDPE	NO	YES
METALS		GRAB	500	red HDPE	YES	YES
PHYS		GRAB	1000	blue HDPE	NO	YES
COD/PT		GRAB	500	yellow HDPE	NO	YES
DO		GRAB	300	GLASS/PLASTIC	NO	YES

### FIELD WATER QUALITY PARAMETERS

INSTRUMENT NO.	4	1	1	1	2	3	
METHOD	SPECIFIC COND (umhos/cm)	pH VALUE	REDOX mV	TEMP (°C)	DISSOLVED OXYGEN (mg/L)	TURBIDITY NTU	TIME
GRAB	236	8.25	-73.2	6.5	8.78	11.6	1140

### NOTES:

INSTRUMENTS CALIBRATED PRIOR TO USE? YES  NO  TIME: 1015  
 #1) pH meter (pH, Redox, Temp) SN# 03140044 # 1  
 standards used 4 & 7 readings -55.3/-7 standard used 52.4 reading 55.1  
 #2) Dissolved Oxygen Meter SN# 4600 10.7 #4) Conductivity Meter SN# 1562 1413/1458

3 VOA TRIP BLANKS TURNED IN WITH THIS SAMPLE? YES  NO   
 VTRP \_\_\_\_\_ VTRP BUBBLES? YES  NO  BUBBLES \_\_\_\_\_ DATE: \_\_\_\_\_  
 QC BOTTLES TURNED IN? YES  NO   
 EQUIPMENT BLANK TURNED IN WITH THIS SAMPLE? YES  NO   
 SAMPLE TAKEN AT SURFACE WATER/ GROUNDWATER INTERFACE.

### CUSTODY RECORD:

PERSONNEL S. Blair SIGNATURE [Signature] DATE / TIME 1/6/09  
 TOTAL NUMBER OF BOTTLES THIS SET NKA

# VASW-3 (45)

KING COUNTY  
SOLID WASTE DIVISION

Place label here  
NKA

## VASHON-3 SURFACE WATER SAMPLING FIELD RECORD

used for new weirs SW-W4, SW-W5, SW-W6 and SW-W7

### FIELD SAMPLING DATA

Station: SW-W4  
Date/Time: 03 / 23 / 2009 Location Description: small weir  
Weather: Cloud, overcast -30 ft W of SW-W2

COPY

### SAMPLE ID #

SAMPLE TYPE	DATE TIME	METHOD	VOLUME (ml)	CONTAINER TYPE	FIELD YES/NO	CED YES/NO
VOA		GRAB	500	green GLASS	NO	YES
TSS/TS		GRAB	1000	blue HDPE	NO	YES
METALS		GRAB	500	red HDPE	YES	YES
PHYS		GRAB	1000	blue HDPE	NO	YES
COD/PT		GRAB	500	yellow HDPE	NO	YES
DO		GRAB	300	GLASS/PLASTIC	NO	YES

### FIELD WATER QUALITY PARAMETERS

INSTRUMENT NO.	4	1	1	1	2	3	
METHOD	SPECIFIC COND (umhos/cm)	pH VALUE	REDOX mV	TEMP (°C)	DISSOLVED OXYGEN (mg/L)	TURBIDITY NTU	TIME
GRAB	194.7	6.96	-6.7	7.3	10.35	24.4	1115

### NOTES:

INSTRUMENTS CALIBRATED PRIOR TO USE? YES  NO  TIME: 1000  
 #1) pH meter (pH, Redox, Temp) SN# 03140044 # 1  
 standards used 4 & 7 readings -55.9/-7 standard used 52.4 reading 55.8  
 #2) Dissolved Oxygen Meter SN# 4600 10.7 #4) Conductivity Meter SN# 1562 1413/1415

3 VOA TRIP BLANKS TURNED IN WITH THIS SAMPLE? YES  NO   
 VTRP \_\_\_\_\_ VTRP BUBBLES? YES  NO  BUBBLES \_\_\_\_\_ DATE: \_\_\_\_\_  
 QC BOTTLES TURNED IN? YES  NO   
 EQUIPMENT BLANK TURNED IN WITH THIS SAMPLE? YES  NO   
 SAMPLE TAKEN AT SURFACE WATER/ GROUNDWATER INTERFACE.

### CUSTODY RECORD:

PERSONNEL S. Blair SIGNATURE [Signature] DATE / TIME 3/23/09 11:20  
 TOTAL NUMBER OF BOTTLES THIS SET NKA



VASW-3 (45)

Place label here

VASHON-3 SURFACE WATER FIELD RECORD

used for Weirs SW-W4 and SW-W7

FIELD SAMPLING DATA

Station: SW-W4  
Date/Time: 07 / 19 / 2009 1025  
Weather: Overcast, ~60°F  
Location: -30 ft W of SW-W2

COPY

SAMPLING DATA

SAMPLE ID#	n/a		VOLUME (mL)	CONTAINER TYPE	FIELD FILTERED (Y/N)	PRESERVATIVE	ICED
	DATE TIME	METHOD					
TSS		GRAB	1000	WM HDPE	NO	NONE	YES
COND/pH/ALK/TURB	07/	GRAB	500		NO	NONE	YES
TDS/TOTS		GRAB	500		NO	NONE	YES
NH <sub>4</sub> /NO <sub>3</sub>	2009	GRAB			NO	NONE	YES
CL/SO <sub>4</sub>					NO	NONE	YES
WDO				GLASS	NO	MnSO <sub>4</sub> / AIA	NO
METALS, t				Acid Washed HDPE	NO	NONE	YES
METALS, d				Acid Washed HDPE	YES	NONE	YES
VOA				GLASS	NO	HCL	YES

No sample collected

Preserve WDO w/ PILLOW POUCHES & Place in insulated covers  
LABEL THE DISSOLVED METALS BOTTLE "FIELD FILTERED"

FIELD WATER QUALITY PARAMETERS

TURB STD USED: 5.36  
METER READING: 5.77

INSTRUMENT NO.	1562	03140044	03140044	3140044	4600	1	
SAMPLE	SPEC COND (µmhos/cm)	pH VALUE	REDOX mV	TEMPERATURE (°C)	DISSOLVED OXYGEN (mg/L)	TURBIDITY NTU	TIME
GRAB	244	7.16	-58	13.5	6.92	23.2	1025

NOTES:

INSTRUMENTS CALIBRATED PRIOR TO USE? YES  NO  BUFFERS: (4, 7, 10)

3 VTRPs TURNED IN? YES  NO

BUBBLES? YES  NO  BUBBLE DILUTION

NO QC BOTTLES

CUSTODY RE

PERSONNEL: Sevin Bilir  
SIGNATURE: *SB*  
DATE/TIME: 07/19/09 10:30

TOTAL NUMBER OF BOTTLES THIS SET 12

VASW-3 (45)

Place label here

VASHON-3 SURFACE WATER FIELD RECORD

used for Weirs SW-W4 and SW-W7

FIELD SAMPLING DATA

Station: SW-W4  
Date/Time: 10 / 19 / 2009 1255  
Weather: Overcast, 50°F  
Location: -30 ft W of SW-W2

COPY

SAMPLING DATA

SAMPLE ID#	n/a		VOLUME (mL)	CONTAINER TYPE	FIELD FILTERED (Y/N)	PRESERVATIVE	ICED
	DATE TIME	METHOD					
TSS		GRAB	1000	WM HDPE	NO	NONE	YES
COND/pH/ALK/TURB	10/	GRAB	500		NO	NONE	YES
TDS/TOTS		GRAB	500		NO	NONE	YES
NH <sub>4</sub> /NO <sub>3</sub>	2009	GRAB			NO	NONE	YES
CL/SO <sub>4</sub>					NO	NONE	YES
WDO				GLASS	NO	MnSO <sub>4</sub> / AIA	NO
METALS, t				Acid Washed HDPE	NO	NONE	YES
METALS, d				Acid Washed HDPE	YES	NONE	YES
VOA				GLASS	NO	HCL	YES

No sample collected

Preserve WDO w/ PILLOW POUCHES & Place in insulated covers  
LABEL THE DISSOLVED METALS BOTTLE "FIELD FILTERED"

FIELD WATER QUALITY PARAMETERS

TURB STD USED: 5.36  
METER READING: 5.77

INSTRUMENT NO.	1562	03140044	03140044	3140044	4600	1	
SAMPLE	SPEC COND (µmhos/cm)	pH VALUE	REDOX mV	TEMPERATURE (°C)	DISSOLVED OXYGEN (mg/L)	TURBIDITY NTU	TIME
GRAB	250	7.83	-47.7	11.3	8.4	18.4	1300

INSTRUMENTS CALIBRATED PRIOR TO USE? YES  NO  BUFFERS: (4, 7, 10)

3 VTRPs TURNED IN? YES  NO  VTRP0910 DATE

BUBBLES? YES  NO  BUBBLE DILUTION

NO QC BOTTLES

CUSTODY RE

PERSONNEL: Sevin Bilir  
SIGNATURE: *SB*  
DATE/TIME: 10/19/09 1205

TOTAL NUMBER OF BOTTLES THIS SET N/A

VASW-3 (45)

Place label here

VASHON-3 SURFACE WATER FIELD RECORD

used for Weirs SW-W4 and SW-W7

FIELD SAMPLING DATA

Station: SW-W4  
Date/Time: 01/22/2010 1010  
Weather: partly cloudy  
Location: -30 ft W of SW-W2

007

SAMPLING DATA

SAMPLE ID	DATE	VOLUME (ML)	CONTAINER TYPE
No sample collected			

DISSEMINATED METALS AND MAKE SURE THE TOTAL AND DISSOLVED METALS GO INTO THE CORRECT BOTTLES!

FIELD WATER QUALITY PARAMETERS

TURB STD USED: 5.36  
METER READING: 5.93

INSTRUMENT NO.	SPEC COND (umhos/cm)	pH VALUE	TEMPERATURE (°C)	DISSOLVED OXYGEN (mg/L)	TURBIDITY NTU	TIME
1562 03140044 1562						
GRAB	188.7	7.10	7.5	12.1	9.68	1010

NOTES:

INSTRUMENTS CALIBRATED PRIOR TO USE? YES  NO  BUFFERS: 4, 7, 10

No sample collected

PERSONNEL  
Sevin Bilir

SIGNATURE  
SB

DATE/TIME  
01/22/10  
10:30

TOTAL NUMBER OF BOTTLES THIS SET

WIA

VASW-3 (45)

Place label here

VASHON-3 SURFACE WATER FIELD RECORD

used for Weirs SW-W4 and SW-W7

FIELD SAMPLING DATA

Station: SW-W4  
Date/Time: 01/19/2010 1115  
Weather: overcast 60°S  
Location: -30 ft W of SW-W2

007

SAMPLING DATA

SAMPLE ID	DATE	VOLUME (ML)	CONTAINER TYPE
No sample collected			

DISSEMINATED METALS AND MAKE SURE THE TOTAL AND DISSOLVED METALS GO INTO THE CORRECT BOTTLES!

FIELD WATER QUALITY PARAMETERS

TURB STD USED: 5.36  
METER READING: 4.91

INSTRUMENT NO.	SPEC COND (umhos/cm)	pH VALUE	TEMPERATURE (°C)	DISSOLVED OXYGEN (mg/L)	TURBIDITY NTU	TIME
1562 03140044 1562						
GRAB	224	7.76	12.1	NM	7.82	1116

NOTES:

INSTRUMENTS CALIBRATED PRIOR TO USE? YES  NO  BUFFERS: 4, 7, 10

No sample collected

PERSONNEL  
Sevin Bilir

SIGNATURE  
SB

DATE/TIME  
01/19/10  
11:20

TOTAL NUMBER OF BOTTLES THIS SET

X0





# VASW-3 (45)

KING COUNTY  
SOLID WASTE DIVISION

KC VASHON LF  
ID SVW5070510-  
DATE 05/10/07  
TIME 10:15  
SAMPLER SB

## VASHON-3 SURFACE WATER SAMPLING FIELD RECORD

used for new weirs SW-4, SW-5, SW-6 and SW-7

### FIELD SAMPLING DATA

Station: SW-5  
Date/Time: 05/10/07 10:15  
Weather: clear, warm

Location Description: in stream  
~100 ft S of SW-4

**COPY**

SAMPLE ID # SVW507 05.10

SAMPLE TYPE	DATE TIME	METHOD	VOLUME (mL)	CONTAINER TYPE	FIELD FILTERED (YES/NO)	PRES.	ICED YES/NO
VOA		GRAB	6.40	green GLASS	NO	HCl	YES
TSS/TS	05/1	GRAB	1000	blue HDPE	NO	NONE	YES
METALS, D	10/1	GRAB	500	red HDPE	YES	HNO <sub>3</sub>	YES
PHYS 1	2007	GRAB	1000	blue HDPE	NO	NONE	YES
COD/TP/TKN		GRAB	500	yellow HDPE	NO	H <sub>2</sub> SO <sub>4</sub>	YES
DO	10:15	GRAB	300	GLASS	NO	NONE	YES

### FIELD WATER QUALITY PARAMETERS

INSTRUMENT NO.	4	1	1	1	2	3	
SAMPLE	SPECIFIC COND (umhos/cm)	pH VALUE	REDOX mV	TEMP (°C)	DISSOLVED OXYGEN (mg/L)	TURBIDITY NTU	TIME
	238	8.06	-56.3	9.9	9.47	6.42	1040

#### NOTES:

INSTRUMENTS CALIBRATED PRIOR TO USE? YES  NO  TIME: 0715  
 #1) pH meter (pH, Redox, Temp) SN# 14768 #3) Turbidimeter # 1  
 standards used 7, 10.0 readings 7.957 standard used 5.36 reading 5.62  
 #2) Dissolved Oxygen Meter SN# 4600 #4) Conductivity Meter SN# 1562

3 VOA TRIP BLANKS TURNED IN WITH THIS SAMPLE? YES  NO   
 VTRP VTRP BUBBLES? YES  NO  BUBBLES: DATE:  
 QC BOTTLES TURNED IN? YES  NO

SAMPLE IS TAKEN AT A WEIR SAMPLER.

### CUSTODY RECORD:

PERSONNEL Savin Bilir SIGNATURE   
 TOTAL NUMBER OF BOTTLES THIS SET 11

# VASW-3 (45)

KING COUNTY  
SOLID WASTE DIVISION

KCSW VASHON LF  
ID SVW50708 14-  
DATE 08/14/2007  
TIME 09:30  
Sampler SB

## VASHON-3 SURFACE WATER SAMPLING FIELD RECORD

used for new weirs SW-W4, SW-W5, SW-W6 and SW-W7

### FIELD SAMPLING DATA

Station: SW-W5  
Date/Time: 08/14/2007  
Weather: clear cool

Location Description: \_\_\_\_\_

**COPY**

KCSW VASHON LF  
ID VTRP070814S  
DATE 08/14/07  
TIME 09:30  
Sampler SB

SAMPLE ID # SVW50708 14

SAMPLE TYPE	DATE TIME	METHOD	VOLUME (mL)	CONTAINER TYPE	FIELD FILTERED (YES/NO)	PRES.	ICED YES/NO
VOA		GRAB	6.40	green GLASS	NO	HCl	YES
TSS/TS	08/14	GRAB	1000	blue HDPE	NO	NONE	YES
METALS, D	14/2007	GRAB	500	red HDPE	YES	HNO <sub>3</sub>	YES
PHYS 1	2007	GRAB	1000	blue HDPE	NO	NONE	YES
COD/TP/TKN		GRAB	500	yellow HDPE	NO	H <sub>2</sub> SO <sub>4</sub>	YES
DO	09:30	GRAB	300	GLASS	NO	NONE	YES

### FIELD WATER QUALITY PARAMETERS

INSTRUMENT NO.	4	1	1	1	2	3	
SAMPLE	SPECIFIC COND (umhos/cm)	pH VALUE	REDOX mV	TEMP (°C)	DISSOLVED OXYGEN (mg/L)	TURBIDITY NTU	TIME
	232	7.85	-48.2	11.5	9.63	4	0945

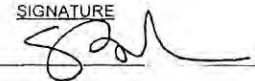
#### NOTES:

INSTRUMENTS CALIBRATED PRIOR TO USE? YES  NO  TIME: 0840  
 #1) pH meter (pH, Redox, Temp) SN# 14768 #3) Turbidimeter # 1  
 standards used readings 4.01/7.01 standard used 52.4 reading 53.4  
 #2) Dissolved Oxygen Meter SN# 4600 #4) Conductivity Meter SN# 1562 1413/1412

3 VOA TRIP BLANKS TURNED IN WITH THIS SAMPLE? YES  NO   
 VTRP 070814S VTRP BUBBLES? YES  NO  BUBBLES: 1 @ 3mm DATE: 8/9/07  
 QC BOTTLES TURNED IN? YES  NO

SAMPLE IS TAKEN AT A WEIR SAMPLER.

### CUSTODY RECORD:

PERSONNEL S Bilir SIGNATURE   
 TOTAL NUMBER OF BOTTLES THIS SET 11



# VASW-3 (45)

KING COUNTY  
SOLID WASTE DIVISION

KCSW VASHON LF  
ID SVW5071030-  
DATE 10/30/2007  
TIME 12:15  
Sampler SB

## VASHON-3 SURFACE WATER SAMPLING FIELD RECORD

used for new weirs SW-W4, SW-W5, SW-W6 and SW-W7

COPY

### FIELD SAMPLING DATA

Station: SW-W5  
Date/Time: 10/30/2007  
Weather: clear, cool  
Location Description: in stream  
~100 ft S of SW-W4

SAMPLE ID #	DATE	METHOD	VOLUME (mL)	CONTAINER TYPE	FIELD FILTERED (YES,NO)	PRES.	KCSW VASHON LF ID
VOA		GRAB	6.40	green GLASS	NO	HCl	VTRP071030T
TSS/TS	<u>10/30/2007</u>	GRAB	1000	blue HDPE	NO	NONE	DATE <u>10/30/2007</u>
METALS, D	<u>30/</u>	GRAB	500	red HDPE	YES	HNO <sub>3</sub>	TIME <u>12:15</u>
PHYS 1	<u>2007</u>	GRAB	1000	blue HDPE	NO	NONE	Sampler SB
COD/TP/TKN		GRAB	500	yellow HDPE	NO	H <sub>2</sub> SO <sub>4</sub>	YES
DO	<u>12:15</u>	GRAB	300	GLASS	NO	NONE	YES

### FIELD WATER QUALITY PARAMETERS

INSTRUMENT NO.	4	1	1	1	2	3	TIME
	SPECIFIC COND (umhos/cm)	pH VALUE	REDOX mV	TEMP (°C)	DISSOLVED OXYGEN (mg/L)	TURBIDITY NTU	
	<u>2.29</u>	<u>7.96</u>	<u>-52.2</u>	<u>9.13</u>	<u>9.44</u>	<u>2.91</u>	<u>1200</u>

### NOTES:

INSTRUMENTS CALIBRATED PRIOR TO USE? YES  NO  TIME: 0800  
 #1) pH meter (pH, Redox, Temp) SN# 14768 #3) Turbidimeter # 1  
 standards used 4 & 7 readings 4/7.59 standard used 52.4 reading 54.9  
 #2) Dissolved Oxygen Meter SN# 4600 #4) Conductivity Meter SN# 1562 1413/1419

3 VOA TRIP BLANKS TURNED IN WITH THIS SAMPLE? YES  NO   
 VTRP 071030T VTRP BUBBLES? YES  NO  BUBBLES: DATE: 10/29/07  
 QC BOTTLES TURNED IN? YES  NO

SAMPLE IS TAKEN AT A WEIR SAMPLER.

### CUSTODY RECORD:

PERSONNEL

SIGNATURE

SB

TOTAL NUMBER OF BOTTLES THIS SET

11

+3VTRP

# VASW-3 (45)

KING COUNTY  
SOLID WASTE DIVISION

KCSW VASHON LF  
ID SVW5071218-  
DATE 12/18/2007  
Sampler SB

## VASHON-3 SURFACE WATER SAMPLING FIELD RECORD

used for new weirs SW-W4, SW-W5, SW-W6 and SW-W7

COPY

### FIELD SAMPLING DATA

Station: SW-W5  
Date/Time: 12/18/2007 1245  
Weather: Raining, 50°s  
Location Description: in stream  
~100 ft S of SW-W4

SAMPLE ID #	DATE	METHOD	VOLUME (mL)	CONTAINER TYPE	FIELD FILTERED (YES,NO)	PRES.	ICED YES/NO
VOA		GRAB	6.40	green GLASS	NO	HCl	YES
TSS/TS	<u>12/</u>	GRAB	1000	blue HDPE	NO	NONE	YES
METALS, D	<u>18/</u>	GRAB	500	red HDPE	YES	HNO <sub>3</sub>	YES
PHYS 1	<u>2007</u>	GRAB	1000	blue HDPE	NO	NONE	YES
COD/TP/TKN		GRAB	500	yellow HDPE	NO	H <sub>2</sub> SO <sub>4</sub>	YES
DO	<u>12:45</u>	GRAB	300	GLASS	NO	NONE	YES

### FIELD WATER QUALITY PARAMETERS

INSTRUMENT NO.	4	1	1	1	2	3	TIME
	SPECIFIC COND (umhos/cm)	pH VALUE	REDOX mV	TEMP (°C)	DISSOLVED OXYGEN (mg/L)	TURBIDITY NTU	
	<u>251</u>	<u>6.95</u>	<u>0</u>	<u>7.7</u>	<u>9.93</u>	<u>25.6</u>	<u>1240</u>

### NOTES:

INSTRUMENTS CALIBRATED PRIOR TO USE? YES  NO  TIME: 0930  
 #1) pH meter (pH, Redox, Temp) SN# 14768 #3) Turbidimeter # 1  
 standards used 4 & 7 readings 4.01/7 standard used 52.4 reading 54.8  
 #2) Dissolved Oxygen Meter SN# 4600 10.7 #4) Conductivity Meter SN# 1562 1413/1407

3 VOA TRIP BLANKS TURNED IN WITH THIS SAMPLE? YES  NO   
 VTRP VTRP BUBBLES? YES  NO  BUBBLES: DATE:  
 QC BOTTLES TURNED IN? YES  NO

SAMPLE IS TAKEN AT A WEIR SAMPLER.

### CUSTODY RECORD:

PERSONNEL

SIGNATURE

S Bilir

[Signature]

TOTAL NUMBER OF BOTTLES THIS SET

11

# VASW-3 (45)

KING COUNTY SOLID WASTE KCSWD VASHON LF

VASHON-3 SURFACE WATER SAMPLING ID SVW50803 12-  
 used for new weirs SW-W4, SW-W5, SW-W6 and : Date 03/13/2008  
 Sampler SB

KCSWD VASHON LF  
 ID SVW50803 12-  
 Date 03/12/2008  
 Sampler SB

COPY

## FIELD SAMPLING DATA

Station: SW-W5  
 Date/Time: 3/12/2008 1235  
 Weather: cool, overcast

Location Description: in stream  
 ~100 ft S of SW-W4

SAMPLE ID # SVW50803 12-

SAMPLE TYPE	DATE TIME	METHOD	VOLUME (mL)	CONTAINER TYPE	FIELD FILTERED (YES,NO)	PRES.	ICED YES/NO
VOA		GRAB	6.40	green GLASS	NO	HCl	YES 3/12
TSS/TS	3/	GRAB	1000	blue HDPE	NO	NONE	YES
METALS, D	12/1	GRAB	500	red HDPE	YES	HNO <sub>3</sub>	YES
PHYS 1	2008	GRAB	1000	blue HDPE	NO	NONE	YES
COD/TP/TKN		GRAB	500	yellow HDPE	NO	H <sub>2</sub> SO <sub>4</sub>	YES
DO	12:50	GRAB	300	GLASS	NO	NONE	YES 3/13

## FIELD WATER QUALITY PARAMETERS

INSTRUMENT NO.	4	1	1	1	2	3	
	SPECIFIC COND (umhos/cm)	pH VALUE	REDOX mV	TEMP (°C)	DISSOLVED OXYGEN (mg/L)	TURBIDITY NTU	TIME
	266	7.75	-49.4	8.4	8.82	5.51	1240

### NOTES:

INSTRUMENTS CALIBRATED PRIOR TO USE? YES  NO  TIME: \_\_\_\_\_  
 #1) pH meter (pH, Redox, Temp) SN# 3140044 #3) Turbidimeter # 1  
 standards used 4 & 7 readings N/A standard used 52.4 reading 56.2  
 #2) Dissolved Oxygen Meter SN# 4600 101.7 #4) Conductivity Meter SN# 1562 1413/1408

3 VOA TRIP BLANKS TURNED IN WITH THIS SAMPLE? YES  NO

VTRP VTRP BUBBLES? YES  NO  BUBBLES: \_\_\_\_\_ DATE: \_\_\_\_\_

QC BOTTLES TURNED IN? YES  NO

SAMPLE IS TAKEN AT A WEIR SAMPLER. Note: DO bottle was missing on 3/12 sampled for DO on 3/13

### CUSTODY RECORD:

PERSONNEL: BILIR  
 SIGNATURE: [Signature]  
 TOTAL NUMBER OF BOTTLES THIS SET: 10 3/12  
 1 3/13

# VASW-3 (45)

KING COUNTY SOLID WASTE DIV' ID VTRP080715T

ION-3 SURFACE WATER SAMPLING ID SVW50807 15-  
 or new weirs SW-W4, SW-W5, SW-W6 and : Date 07/15/2008  
 Sampler SB

KCSWD VASHON LF  
 ID SVW5080715-  
 Date 07/15/2008  
 Sampler SB

COPY

## FIELD SAMPLING DATA

Station: SW-W5  
 Date/Time: 7/15/2008 1030  
 Weather: clear, warm, 75°F

Location Description: in stream  
 ~100 ft S of SW-W4

SAMPLE ID # SVW50807 15-

SAMPLE TYPE	DATE TIME	METHOD	VOLUME (mL)	CONTAINER TYPE	FIELD FILTERED (YES,NO)	PRES.	ICED YES/NO
VOA		GRAB	6.40	green GLASS	NO	HCl	YES
TSS/TS	7/	GRAB	1000	blue HDPE	NO	NONE	YES
METALS, D	15/1	peristaltic pump/tubing	500	red HDPE	YES	HNO <sub>3</sub>	YES
PHYS 1	2008	GRAB	1000	blue HDPE	NO	NONE	YES
COD/TP/TKN		GRAB	500	yellow HDPE	NO	H <sub>2</sub> SO <sub>4</sub>	YES
DO	10:40	GRAB	300	GLASS	NO	NONE	YES

## FIELD WATER QUALITY PARAMETERS

INSTRUMENT NO.	4	1	1	1	2	3	
	SPECIFIC COND (umhos/cm)	pH VALUE	REDOX mV	TEMP (°C)	DISSOLVED OXYGEN (mg/L)	TURBIDITY NTU	TIME
GRAB	274	8.07	-65.2	11.8	9.48	12.1	1030

### NOTES:

INSTRUMENTS CALIBRATED PRIOR TO USE? YES  NO  TIME: 0910  
 #1) pH meter (pH, Redox, Temp) SN# 03140044 #3) Turbidimeter # 1  
 standards used 4 & 7 readings -57.6 standard used 5.36 reading 5.69  
 #2) Dissolved Oxygen Meter SN# 4600 101.7 #4) Conductivity Meter SN# 1562 1413/1411

3 VOA TRIP BLANKS TURNED IN WITH THIS SAMPLE? YES  NO

VTRP 080715T VTRP BUBBLES? YES  NO  BUBBLES: \_\_\_\_\_ DATE: 7/14/08

QC BOTTLES TURNED IN? YES  NO

SAMPLE IS TAKEN AT A WEIR SAMPLER.

### CUSTODY RECORD:

PERSONNEL: S. Bilir  
 SIGNATURE: [Signature]  
 TOTAL NUMBER OF BOTTLES THIS SET: 11 + 3 VTRP

# VASW-3 (45)

KING COUNTY  
SOLID WASTE DIVISION

VASHON-3 SURFACE WATER SAMPLING FIELD RECORD  
used for new weirs SW-W4, SW-W5, SW-W6 and SW-W7

## FIELD SAMPLING DATA

Station: SW-W5  
Date/Time: 10/06/2008 1040  
Weather: Cold, SLP's, overcast

Location Description: N4  
Sampler SB

SAMPLE ID # SVW5081006

SAMPLE TYPE	DATE TIME	METHOD	VOLUME (mL)	CONTAINER TYPE	FILTERED (YES,NO)	PRES.	ICED YES/NO
VOA		GRAB	6,40	<del>green</del> GLASS	NO	HCl	YES
TSS/TS	10/	GRAB	1000	<del>blue</del> HDPE	NO	NONE	YES
METALS, D	06/	peristaltic pump/tubing	500	red HDPE	YES	HNO <sub>3</sub>	YES
PHYS 1	2008	GRAB	1000	<del>blue</del> HDPE	NO	NONE	YES
COD/TP/TKN		GRAB	500	yellow HDPE	NO	H <sub>2</sub> SO <sub>4</sub>	YES
DO	10:45	GRAB	300	<u>GLASS/PLASTIC</u>	NO	NONE	YES

## FIELD WATER QUALITY PARAMETERS

INSTRUMENT NO.	4	1	1	1	2	3	
METHOD	SPECIFIC COND (umhos/cm)	pH VALUE	REDOX mV	TEMP (°C)	DISSOLVED OXYGEN (mg/L)	TURBIDITY NTU	TIME
GRAB	285	7.93	-42.4	11.1	10.43	2.3	1040

### NOTES:

INSTRUMENTS CALIBRATED PRIOR TO USE? YES  NO  TIME: 0930  
 #1) pH meter (pH, Redox, Temp) SN# 03140044 #3) Turbidimeter # 1  
 standards used 4 & 7 readings 4.01/7 standard used 52.4 reading 54.6  
 #2) Dissolved Oxygen Meter SN# 4600 10.7 #4) Conductivity Meter SN# 1562 1413/1420

3 VOA TRIP BLANKS TURNED IN WITH THIS SAMPLE? YES  NO   
 VTRP 081006T VTRP BUBBLES? YES  NO  BUBBLES: N/A DATE: 10/3/8

QC BOTTLES TURNED IN? YES  NO   
 EQUIPMENT BLANK TURNED IN WITH THIS SAMPLE? YES  NO

SAMPLE IS TAKEN AT SURFACE WATER/ GROUNDWATER INTERFACE.

### CUSTODY RECORD:

PERSONNEL S. Bilir SIGNATURE [Signature] DATE/ TIME 10/08: 1050  
 TOTAL NUMBER OF BOTTLES THIS SET 11  
+ 3 VTRP

# VASW-3 (45)

KING COUNTY  
SOLID WASTE DIVISION

VASHON-3 SURFACE WATER SAMPLING FIELD RECORD  
used for new weirs SW-W4, SW-W5, SW-W6 and SW-W7

KCSWD VASHON LF  
ID SVW5090106-  
Date 01/06/2009  
Sampler SB

## FIELD SAMPLING DATA

Station: SW-W5  
Date/Time: 01/06/2009 1130  
Weather: Rain, overcast, windy, 40's

Location Description: in stream  
~100 ft S of SW-W4

SAMPLE ID # SVW5081006

SAMPLE TYPE	DATE TIME	METHOD	VOLUME (mL)	CONTAINER TYPE	FILTERED (YES,NO)	PRES.	ICED YES/NO
VOA		GRAB	6,40	green GLASS	NO	HCl	YES
TSS/TS	01/	GRAB	1000	blue HDPE	NO	NONE	YES
METALS, D	06/	peristaltic pump/tubing	500	red HDPE	YES	HNO <sub>3</sub>	YES
PHYS 1	2009	GRAB	1000	blue HDPE	NO	NONE	YES
COD/TP/TKN		GRAB	500	yellow HDPE	NO	H <sub>2</sub> SO <sub>4</sub>	YES
DO	11:30	GRAB	300	GLASS/PLASTIC	NO	NONE	YES

## FIELD WATER QUALITY PARAMETERS

INSTRUMENT NO.	4	1	1	1	2	3	
METHOD	SPECIFIC COND (umhos/cm)	pH VALUE	REDOX mV	TEMP (°C)	DISSOLVED OXYGEN (mg/L)	TURBIDITY NTU	TIME
GRAB	270	8.05	-61.8	7.9	8.55	3.22	1130

### NOTES:

INSTRUMENTS CALIBRATED PRIOR TO USE? YES  NO  TIME: 1015  
 #1) pH meter (pH, Redox, Temp) SN# 03140044 #3) Turbidimeter # 1  
 standards used 4 & 7 readings -65.3/-7 standard used 52.4 reading 55.1  
 #2) Dissolved Oxygen Meter SN# 4600 10.7 #4) Conductivity Meter SN# 1562 1413/1458

3 VOA TRIP BLANKS TURNED IN WITH THIS SAMPLE? YES  NO   
 VTRP \_\_\_\_\_ VTRP BUBBLES? YES  NO  BUBBLES: \_\_\_\_\_ DATE: \_\_\_\_\_

QC BOTTLES TURNED IN? YES  NO   
 EQUIPMENT BLANK TURNED IN WITH THIS SAMPLE? YES  NO

SAMPLE IS TAKEN AT SURFACE WATER/ GROUNDWATER INTERFACE.

### CUSTODY RECORD:

PERSONNEL S. Bilir SIGNATURE [Signature] DATE/ TIME 1/6/9: 1140  
 TOTAL NUMBER OF BOTTLES THIS SET 11

# VASW-3 (45)

KING COUNTY  
SOLID WASTE DIVISION

KCSWD VASHON LF  
ID SVW5090323-

## VASHON-3 SURFACE WATER SAMPLING FIELD RECORD

used for new weirs SW-W4, SW-W5, SW-W6 and SW-W7

Date 03/23/2009  
Sampler SB

KCSWD VASHON LF  
ID VTRP090323R  
Date 03/23/2009  
Sampler SB

### FIELD SAMPLING DATA

Station: SW-W5  
Date/Time: 03/23/2009 1200  
Weather: cool, overcast

Location Description: in stream ~100 ft S SW-W4

SAMPLE ID # SVW50903 23

SAMPLE TYPE	DATE TIME	METHOD	VOLUME (mL)	CONTAINER TYPE	FIELD FILTERED (YES,NO)	PRES.	ICED YES/NO
VOA		GRAB	6.40	green GLASS	NO	HCl	YES
TSS/TSS	03/	GRAB	1000	blue HDPE	NO	NONE	YES
METALS, D	23/	peristaltic pump/lining	500	red HDPE	YES	HNO <sub>3</sub>	YES
PHYS 1	2009	GRAB	1000	blue HDPE	NO	NONE	YES
COD/TP/TKN		GRAB	500	yellow HDPE	NO	H <sub>2</sub> SO <sub>4</sub>	YES
DO	12:00	GRAB	300	GLASS/PLASTIC	NO	NONE	YES

### FIELD WATER QUALITY PARAMETERS

INSTRUMENT NO.	SPECIFIC COND (µmhos/cm)	pH VALUE	REDOX mV	TEMP (°C)	DISSOLVED OXYGEN (mg/L)	TURBIDITY NTU	TIME
GRAB	217	7.43	-36.9	8.2	11.62	5.75	1200

### NOTES:

INSTRUMENTS CALIBRATED PRIOR TO USE? YES  NO  TIME: 1000

#1) pH meter (pH, Redox, Temp) SN# 03140044 #3) Turbidimeter # 1  
standards used 4 & 7 readings -55.9/-7 standard used 52.4 reading 55.8

#2) Dissolved Oxygen Meter SN# 4600 10.7 #4) Conductivity Meter SN# 1562 1413/1415

3 VOA TRIP BLANKS TURNED IN WITH THIS SAMPLE? YES  NO

VTRP 090323R VTRP BUBBLES? YES  NO  BUBBLES: 10.3m 10.2m DATE: 3/20/09

QC BOTTLES TURNED IN? YES  NO

EQUIPMENT BLANK TURNED IN WITH THIS SAMPLE? YES  NO

SAMPLE IS TAKEN AT SURFACE WATER/ GROUNDWATER INTERFACE.

### CUSTODY RECORD:

PERSONNEL	SIGNATURE	DATE/TIME
S. Bilir		3/23 1200 2009

TOTAL NUMBER OF BOTTLES THIS SET 11  
+3 VTRP

SW56/samplingFIELDSHEETS.xls

# VASW-3 (45)

KING COUNTY  
SOLID WASTE DIVISION

KCSWD VASHON LF  
ID SVW5090710-

## VASHON-3 SURFACE WATER FIELD RECORD

used for Weirs SW-W5 and SW-W6

Date 07/10/2009  
Sampler SB

KCSWD VASHON LF  
ID SVW5090710E

Date 07/10/2009  
Sampler SB

### FIELD SAMPLING DATA

Station: SW-W5  
Date/Time: 07/10/2009 1000  
Weather: clear, warm ~80°F  
Location: in stream 100 ft S of SW-W4

### SAMPLING DATA

SAMPLE ID # SVW5090710 ↓ SVW5090710E

SAMPLE TYPE	DATE TIME	METHOD	VOLUME (mL)	CONTAINER TYPE	FIELD FILTERED (YES,NO)	PRESERVATIVE	TCFO YES/NO
TSS		GRAB	1000	WM HDPE	NO	NONE	YES
COND/pH/ALK/TURB	07/	GRAB	500	WM HDPE	NO	NONE	YES
TDS/TOTS	10/	GRAB	500	WM HDPE	NO	NONE	YES
NH <sub>3</sub> /NO <sub>3</sub>	2009	GRAB	250	WM HDPE	NO	NONE	YES
CL/SO <sub>4</sub>		GRAB	125	WM HDPE	NO	NONE	YES
WDO	10:25	GRAB	300	GLASS	NO	MnSO <sub>4</sub> / ALA	NO
METALS, t		GRAB	500	Acid Washed HDPE	NO	NONE	YES
METALS, d		GRAB	500	Acid Washed HDPE	YES	NONE	YES
VOA		GRAB	4.40	GLASS	NO	HCl	YES

Preserve WDO w/ PILLOW POUCHES & Place in insulated covers ✓  
LABEL THE DISSOLVED METALS BOTTLE "FIELD FILTERED" ✓

### FIELD WATER QUALITY PARAMETERS

INSTRUMENT NO.	SPEC COND (µmhos/cm)	pH VALUE	REDOX mV	TEMPERATURE (°C)	DISSOLVED OXYGEN (mg/L)	TURBIDITY NTU	TIME
GRAB	315	7.34	-27.9	12.1	7.45	3.66	1020

NOTES: diH<sub>2</sub>O 5.0 8.48 -88.1 16.0 6.58 0.39 1115

INSTRUMENTS CALIBRATED PRIOR TO USE? YES  NO  BUFFERS: 4, 7, 10

3 VTRPs TURNED IN? YES  NO  DATE: \_\_\_\_\_

BUBBLES? YES  NO  BUBBLE DIAMETERS: N/A

### CUSTODY RECORD:

PERSONNEL	SIGNATURE	DATE/TIME
Sevin Bilir		07/10/09 10:55

TOTAL NUMBER OF BOTTLES THIS SET 12 + 1 Eq. BLANK

FIELD PROJECTS\_20090804\_VASW3\_LV\_PILLSBIE\WASHON\Sampling\FIELDSHEETS\...



KING COUNTY  
SOLID WASTE DIVISION

KCSWD VASHON LF  
ID SVW5091019-  
Date 10/19/2009  
Sampler SB

# VASW-3 (45)

## VASHON-3 SURFACE WATER FIELD RECORD

used for Weirs SW-W5 and SW-W6

### FIELD SAMPLING DATA

Station: SW-W5  
Date/Time: 10/19/2009 1115  
Weather: overcast, 50°F's  
Location: in stream 100 ft S of SW-W4

**COPY**

KCSWD VASHON LF  
ID SVW5091019E  
Date 10/19/2009  
Sampler SB

### SAMPLING DATA

SAMPLE ID #	DATE	METHOD	VOLUME (mL)	CONTAINER TYPE	FIELD FILTERED (YES, NO)	PRESERVATIVE	ICED YES/NO
SVW5091019- + SVW5091019E (dissolved metal only)	10/19/2009	GRAB	1000	WM HDPE	NO	NONE	YES
TSS	10/19/2009	GRAB	500	WM HDPE	NO	NONE	YES
COND/pH/ALK/TURB	10/19/2009	GRAB	500	WM HDPE	NO	NONE	YES
TDS/TOTS	10/19/2009	GRAB	250	WM HDPE	NO	NONE	YES
NH <sub>3</sub> /NO <sub>3</sub>	10/19/2009	GRAB	125	NM HDPE	NO	NONE	YES
CL/SO <sub>4</sub>	10/19/2009	GRAB	300	GLASS	NO	MnSO <sub>4</sub> / AIA	NO
WDO	10/19/2009	GRAB	500	Acid Washed HDPE	NO	NONE	YES
METALS, c	10/19/2009	GRAB	500	Acid Washed HDPE	YES	NONE	YES
METALS, d	10/19/2009	GRAB	4.40	GLASS	NO	HCl	YES

Preserve WDO w/ PILLOW POUCHES & Place in insulated covers LABEL THE DISSOLVED METALS BOTTLE "FIELD FILTERED"

### FIELD WATER QUALITY PARAMETERS

TURB STD USED: 5.36  
METER READING: 5.77

INSTRUMENT NO.	1562	03140044	03140044	3140044	4600	1	
SAMPLE	COND (µmhos/cm)	pH VALUE	REDOX mV	TEMPERATURE (°C)	DISSOLVED OXYGEN (mg/L)	TURBIDITY NTU	TIME
GRAB	255	7.47	-30.1	10.8	8.98	3.10	1125

NOTES: SVW5091019E 1.3 7.86 -62.3 9.2 7.76 1.14 1120

INSTRUMENTS CALIBRATED PRIOR TO USE? YES  NO  BUFFERS: 4, 7, 10

3 VTRPs TURNED IN? YES  NO  VTRP0910 DATE:

BUBBLES? YES  NO  BUBBLE DIAMETERS: N/A

NO QC BOTTLES

CUSTODY RECORD:

PERSONNEL: Sevin Bilir  
SIGNATURE: *SB*  
DATE/TIME: 10/19/09 11:55

TOTAL NUMBER OF BOTTLES THIS SET: 12 + 1

KING COUNTY  
SOLID WASTE DIVISION

KCSWD VASHON LF  
ID SVW5100122-  
Date 01/22/2010  
Sampler SB

# VASW-3 (45)

## VASHON-3 SURFACE WATER FIELD RECORD

used for Weirs SW-W5 and SW-W6

### FIELD SAMPLING DATA

Station: SW-W5  
Date/Time: 01/22/2010 0940  
Weather: partly cloudy  
Location: in stream 100 ft S of SW-W4

**COPY**

KCSWD VASHON LF  
ID SVW5100122E  
Date 01/22/2010  
Sampler SB @1000

### SAMPLING DATA

SAMPLE ID #	DATE	METHOD	VOLUME (mL)	CONTAINER TYPE	FIELD FILTERED (YES, NO)	PRESERVATIVE	ICED YES/NO
SVW5100122-	01/22/2010	GRAB	1000	WM HDPE	NO	NONE	YES
TSS	01/22/2010	GRAB	500	WM HDPE	NO	NONE	YES
COND/ALK/TURB	01/22/2010	GRAB	500	WM HDPE	NO	NONE	YES
TDS/TOTS	01/22/2010	GRAB	250	WM HDPE	NO	NONE	YES
NH <sub>3</sub> /NO <sub>3</sub>	01/22/2010	GRAB	125	NM HDPE	NO	NONE	YES
CL/SO <sub>4</sub>	01/22/2010	GRAB	300	GLASS	NO	NONE	YES
METALS, c	01/22/2010	GRAB	500	Acid Washed HDPE	YES	NONE	YES
METALS, d	01/22/2010	GRAB	4.40	GLASS	NO	HCl	YES

FILTER THE DISS METALS AND MAKE SURE THE TOTAL AND DISSOLVED METALS GO INTO THE CORRECT CORRECT BOTTLES!

### FIELD WATER QUALITY PARAMETERS

TURB STD USED: 5.36  
METER READING: 5.73

INSTRUMENT NO.	1562	03140044	1562	0000323	1	
SAMPLE	COND (µmhos/cm)	pH VALUE	TEMPERATURE (°C)	DISSOLVED OXYGEN (mg/L)	TURBIDITY NTU	TIME
GRAB	219	7.96	7.1	10.46	0.54	0955
GRAB	209	7.11	8.1	10.08	6.8	0950

NOTES: SVW5100122E = DISTILLED H2O = EQ BLK

INSTRUMENTS CALIBRATED PRIOR TO USE? YES  NO  BUFFERS: 4, 7, 10

3 VTRPs TURNED IN? YES  NO  VTRP1001 DATE:

BUBBLES? YES  NO  BUBBLE DIAMETERS: N/A

NO QC BOTTLES

CUSTODY RECORD:

PERSONNEL: Sevin Bilir  
SIGNATURE: *SB*  
DATE/TIME: 01/22/10 10:10

TOTAL NUMBER OF BOTTLES THIS SET: 11 + 1

VASW-3 (45)

VASHON-3 SURFACE WATER FIELD RECORD

used for Weirs SW-W5 and SW-W6

KCSWD VASHON LF  
ID SVW5100419-

Date 04/19/2010

Sampler SB

FIELD SAMPLING DATA

Station: SW-W5  
Date/Time: 04/19/2010 1250  
Weather: overcast, 60°F  
Location: in stream 100 ft S of SW-W4

COPY

SAMPLING DATA

SAMPLE ID #	DATE	METHOD	VOLUME (mL)	CONTAINER TYPE	FIELD FILTERED (YES, NO)	PRESERVATIVE	ICED
SVW5100419-							
TSS		GRAB	1000	NM HDPE	NO	NONE	YES
COND/ALK/TURB	04/19/2010	GRAB	500	NM HDPE	NO	NONE	YES
TDS/TOTS	19/2010	GRAB	500	NM HDPE	NO	NONE	YES
NH <sub>3</sub> /NO <sub>3</sub>	2010	GRAB	250	NM HDPE	NO	NONE	YES
CL/SO <sub>4</sub>	1300	GRAB	125	NM HDPE	NO	NONE	YES
METALS, c		GRAB	500	Acid Washed HDPE	NO	NONE	YES
METALS, d		GRAB	500	Acid Washed HDPE	YES	NONE	YES
VOA		GRAB	4,40	GLASS	NO	HCL	YES

FIELD WATER QUALITY PARAMETERS

INSTRUMENT NO.	SPEC COND (umhos/cm)	pH VALUE	TEMPERATURE (°C)	DISSOLVED OXYGEN (mg/L)	TURBIDITY NTU	TIME
1562 03140044 1562	245	7.58	11.3	NM	7.69	1255

TURB STD USED: 5.36  
METER READING: 4.91

NOTES:

INSTRUMENTS CALIBRATED PRIOR TO USE? YES  NO  BUFFERS: 4, 7, 10  
3 VTRPs TURNED IN? YES  NO  VTRP1004 DATE:  
BUBBLES? YES  NO  BUBBLE DIAMETERS:  
NO QC BOTTLES

CUSTODY RECORD:

PERSONNEL: Sevin Billr  
SIGNATURE: [Signature]  
DATE/TIME: 04/19/10 12:10  
TOTAL NUMBER OF BOTTLES THIS SET: 11 ✓

VASW-3 (45)

VASHON-3 SURFACE WATER FIELD RECORD

FIELD SAMPLING DATA (used for Weirs SW-W5 and SW-W6)

KCSWD VASHON LF  
ID SVW5100812-

Date 08/12/2010

Sampler SB

Station: SW-W5  
Date/Time: 08/12/2010 1125  
Weather: overcast, 70°F  
Location: in stream 100 ft S of SW-W4

SAMPLING DATA

SAMPLE ID #	DATE	METHOD	VOLUME (mL)	CONTAINER TYPE	FIELD FILTERED (YES, NO)	PRESERVATIVE	ICED
SVW5100812-							
TSS	08/12/2010	GRAB	1000	NM HDPE	NO	NONE	YES
COND/ALK/TURB	12/2010	GRAB	500	NM HDPE	NO	NONE	YES
TDS/TOTS	2010	GRAB	500	NM HDPE	NO	NONE	YES
NH <sub>3</sub> /NO <sub>3</sub>	11:35 a.m.	GRAB	250	NM HDPE	NO	NONE	YES
CL/SO <sub>4</sub>		GRAB	125	NM HDPE	NO	NONE	YES
METALS, c		GRAB	500	Acid Washed HDPE	NO	NONE	YES
METALS, d		GRAB	500	Acid Washed HDPE	YES	NONE	YES
VOA		GRAB	4,40	GLASS	NO	HCL	YES

PLEASE REMEMBER TO FILTER THE DISS METALS AND MAKE SURE THE TOTAL AND DISSOLVED METALS GO INTO CORRECT BOTTLES!

FIELD WATER QUALITY PARAMETERS

INSTR. #	SPEC COND (umhos/cm)	pH VALUE	TEMPERATURE (°C)	DISSOLVED OXYGEN (mg/L)	TURBIDITY NTU	TIME
1562 03140044 03140044	330	6.95	12.2	NM	3.8	1130

TURB STD USED: 5.36  
METER READING: 4.82

NOTES:

INSTRUMENTS CALIBRATED PRIOR TO USE? YES  NO  BUFFERS: 4, 7, 10  
3 VTRPs TURNED IN? YES  NO  VTRP1008 DATE: 8/12/10  
BUBBLES? YES  NO  BUBBLE DIAMETERS: 1 @ 2mm  
NO QC BOTTLES

CUSTODY RECORD:

PERSONNEL: SBILLR  
SIGNATURE: [Signature]  
DATE/TIME: 8/12/10 11:40  
TOTAL NUMBER OF BOTTLES THIS SET: 11 ✓

KING COUNTY  
SOLID WASTE DIVISION

# VASW-3 (45)

KCSWD VASHON LF

VASHON-3 SURFACE WATER SAMPLING FIELD RECORD  
used for new weirs SW-4, SW-5, SW-6 and SW-7

KCSWD VASHON LF  
ID SVW51011 01

Date 11/01/2010

Sampler SB

KCSWD VASHON LF

ID SVW51011 01 E

Date 11/01/2010

Sampler SB

Station: SW-W5  
Date/Time: 11/01/2010 10:45  
Weather: RAIN, 50'S E WINDY  
Location: in stream 100 ft S of SW-WA

SAMPLING DATA

SAMPLE ID #	DATE	METHOD	VOLUME (mL)	CONTAINER TYPE	FIELD FILTERED (YES, NO)	PRESERVATIVE	ICED YES/NO
SVW51011 01 -	11/01/2010	GRAB	1000	WM HDPE	NO	NONE	YES
TSS	11/01/2010	GRAB	1000	WM HDPE	NO	NONE	YES
COND/ALK/TURB	11/01/2010	GRAB	500	WM HDPE	NO	NONE	YES
TDS/TOTS	2010	GRAB	500	WM HDPE	NO	NONE	YES
NH <sub>3</sub> /NO <sub>3</sub>	10:50	GRAB	250	WM HDPE	NO	NONE	YES
CL/SO <sub>4</sub>	a.m.	GRAB	125	NM HDPE	NO	NONE	YES
METALS, t		GRAB	500	Acid Washed HDPE	NO	NONE	YES
METALS, d		GRAB	500	Acid Washed HDPE	YES	NONE	YES
VOA		GRAB	4,40	GLASS	NO	HCl	YES

PLEASE REMEMBER TO FILTER THE DISS METALS AND MAKE SURE THE TOTAL AND DISSOLVED METALS GO INTO CORRECT BOTTLES!

FIELD WATER QUALITY PARAMETERS

TURB STD USED: 52.4  
METER READING: 50.7

INSTR. #	1562	03140044	03140044	SWD	1	
SAMPLE	SPEC COND (umhos/cm)	pH VALUE	TEMPERATURE (°C)	DISSOLVED OXYGEN (mg/L)	TURBIDITY NTU	TIME
1	171.4	6.97	10.6	6.60	27.0	1047

EQUIPMENT BLANK 11 7.97 13.1 8.39 2.02 1045 Filtered

NOTES: S.W. 51011 01 E

INSTRUMENTS CALIBRATED PRIOR TO USE? YES  NO  BUFFERS: 4, 7, 10

3 VTRPs TURNED IN? YES  NO  VTRP: 10401R DATE: 11/01/2010

BUBBLES? YES  NO  BUBBLE DIAMETERS:  
NO QC BOTTLES

CUSTODY RECORD:

PERSONNEL  
S. Bulir

SIGNATURE

DATE/TIME  
11/01/2010  
10:55

TOTAL NUMBER OF BOTTLES THIS SET

11 + 3 + 1

# VASW-3 (45)

KING COUNTY  
SOLID WASTE DIVISION

KC VASHON LF  
ID SVW6070510  
DATE 05/10/07  
TIME 1105  
SAMPLER SB

## VASHON-3 SURFACE WATER SAMPLING FIELD RECORD

used for new weirs SW-4, SW-5, SW-6 and SW-7

COPY

FIELD SAMPLING DATA

Station: SW-6  
Date/Time: 05/10/07 1100  
Weather: Clear, warm

Location Description: in stream  
-80 ft S of dry ridge

SAMPLE ID # SVW607 05 10

SAMPLE TYPE	DATE TIME	METHOD	VOLUME (mL)	CONTAINER TYPE	FIELD FILTERED (YES, NO)	PRES.	ICED YES/NO
VOA		GRAB	6,40	green GLASS	NO	HCl	YES
TSS/TS	05/10/07	GRAB	1000	blue HDPE	NO	NONE	YES
METALS, D	10/1	GRAB	500	red HDPE	YES	HNO <sub>3</sub>	YES
PHYS 1	2007	GRAB	1000	blue HDPE	NO	NONE	YES
COD/TP/TKN	11:05	GRAB	500	yellow HDPE	NO	H <sub>2</sub> SO <sub>4</sub>	YES
DO		GRAB	300	GLASS	NO	NONE	YES

FIELD WATER QUALITY PARAMETERS

INSTRUMENT NO.	4	1	1	2	3		
SAMPLE	SPECIFIC COND (umhos/cm)	pH VALUE	REDOX mV	TEMP (°C)	DISSOLVED OXYGEN (mg/L)	TURBIDITY NTU	TIME
	242	7.88	49.8	9.4	8.52	1.51	1120

NOTES:

INSTRUMENTS CALIBRATED PRIOR TO USE? YES  NO  TIME: 0715  
 #1) pH meter (pH, Redox, Temp) SN# 14708 standards used 7, 10, 01 readings 7, 9.57  
 #2) Dissolved Oxygen Meter SN# 4600  
 #3) Turbidimeter # 1 standard used 5.36 reading 5.62  
 #4) Conductivity Meter SN# 1562

3 VOA TRIP BLANKS TURNED IN WITH THIS SAMPLE? YES  NO

VTRP VTRP BUBBLES? YES  NO  BUBBLES: DATE:

QC BOTTLES TURNED IN? YES  NO

SAMPLE IS TAKEN AT A WEIR SAMPLER.

CUSTODY RECORD:

PERSONNEL  
Sevin Bulir

SIGNATURE

TOTAL NUMBER OF BOTTLES THIS SET 11

# VASW-3 (45)

KING COUNTY  
SOLID WASTE DIVISION

## VASHON-3 SURFACE WATER SAMPLING FIELD RECORD

used for new weirs SW-W4, SW-W5, SW-W6 and SW-W7

KCSW VASHON LF  
ID SVW6070914 -  
DATE 08/14/2007  
TIME 10:00  
Sampler SB

COPY

### FIELD SAMPLING DATA

Station: SW-W6

Date/Time: 08/14/2007

Weather: clear cool

Location Description: in stream

-80 ft S of dry ridge

SAMPLE ID # SVW60708 14

SAMPLE TYPE	DATE TIME	METHOD	VOLUME (mL)	CONTAINER TYPE	FIELD FILTERED (YES/NO)	PRES.	ICED YES/NO
VOA		GRAB	6.40	green GLASS	NO	HCl	YES
TSS/TS	08/14/2007	GRAB	1000	blue HDPE	NO	NONE	YES
METALS, D	14/2007	GRAB	500	red HDPE	YES	HNO <sub>3</sub>	YES
PHYS 1	2007	GRAB	1000	blue HDPE	NO	NONE	YES
COD/TP/TKN		GRAB	500	yellow HDPE	NO	H <sub>2</sub> SO <sub>4</sub>	YES
DO	10:00	GRAB	300	GLASS	NO	NONE	YES

### FIELD WATER QUALITY PARAMETERS

INSTRUMENT NO.	4	1	1	1	2	3	TIME
	SPECIFIC COND (umhos/cm)	pH VALUE	REDOX mV	TEMP (°C)	DISSOLVED OXYGEN (mg/L)	TURBIDITY NTU	
	246	7.82	-46.8	12.7	7.02	1.41	1015

#### NOTES:

INSTRUMENTS CALIBRATED PRIOR TO USE? YES  NO

TIME: 0810

#1) pH meter (pH, Redox, Temp) SN# 14768

#3) Turbidimeter # 1

standards used 4 & 7 readings 4.01/3.01

standard used 52.4 reading 53.4

#2) Dissolved Oxygen Meter SN# 4600

#4) Conductivity Meter SN# 1562 1413/1412

3 VOA TRIP BLANKS TURNED IN WITH THIS SAMPLE? YES  NO

VTRP            VTRP BUBBLES? YES  NO  BUBBLES:            DATE:           

QC BOTTLES TURNED IN? YES  NO

SAMPLE IS TAKEN AT A WEIR SAMPLER.

### CUSTODY RECORD:

PERSONNEL

S Bilir

SIGNATURE

[Signature]

TOTAL NUMBER OF BOTTLES THIS SET

11

# VASW-3 (45)

KING COUNTY  
SOLID WASTE DIVISION

## VASHON-3 SURFACE WATER SAMPLING FIELD RECORD

used for new weirs SW-W4, SW-W5, SW-W6 and SW-W7

KCSW VASHON LF  
ID SVW6071101-  
DATE 11/01/2007  
TIME 11:00  
Sampler SB

COPY

### FIELD SAMPLING DATA

Station: SW-W6

Date/Time: 11/1/2007

Weather: cool, partly cloudy

Location Description: in stream

-80 ft S of dry ridge

SAMPLE ID # SVW60710 01

SAMPLE TYPE	DATE TIME	METHOD	VOLUME (mL)	CONTAINER TYPE	FIELD FILTERED (YES/NO)	PRES.	ICED YES/NO
VOA		GRAB	6.40	green GLASS	NO	HCl	YES
TSS/TS	11/1/2007	GRAB	1000	blue HDPE	NO	NONE	YES
METALS, D	1/2007	GRAB	500	red HDPE	YES	HNO <sub>3</sub>	YES
PHYS 1	2007	GRAB	1000	blue HDPE	NO	NONE	YES
COD/TP/TKN		GRAB	500	yellow HDPE	NO	H <sub>2</sub> SO <sub>4</sub>	YES
DO	11:00	GRAB	300	GLASS	NO	NONE	YES

KCSW VASHON LF  
ID VTRP071101T  
DATE 11/01/2007  
TIME 11:00  
Sampler SB

### FIELD WATER QUALITY PARAMETERS

INSTRUMENT NO.	4	1	1	1	2	3	TIME
	SPECIFIC COND (umhos/cm)	pH VALUE	REDOX mV	TEMP (°C)	DISSOLVED OXYGEN (mg/L)	TURBIDITY NTU	
	275	8.03	-55.3	8.7	8.8	1.29	1050

#### NOTES:

INSTRUMENTS CALIBRATED PRIOR TO USE? YES  NO

TIME:           

#1) pH meter (pH, Redox, Temp) SN# 14768

#3) Turbidimeter # 1

standards used 4 & 7 readings           

standard used 52.4 reading 56.8

#2) Dissolved Oxygen Meter SN# 4600

#4) Conductivity Meter SN# 1562 1413/1422

3 VOA TRIP BLANKS TURNED IN WITH THIS SAMPLE? YES  NO

VTRP 071101T VTRP BUBBLES? YES  NO  BUBBLES:            DATE: 10/29/07

QC BOTTLES TURNED IN? YES  NO

SAMPLE IS TAKEN AT A WEIR SAMPLER.

### CUSTODY RECORD:

PERSONNEL

SIGNATURE

[Signature]

TOTAL NUMBER OF BOTTLES THIS SET

11 + 3 VTRP



# VASW-3 (45)

KING COUNTY  
SOLID WASTE DIVISION

VASHON-3 SURFACE WATER SAMPLING FIELD RECORD  
used for new weirs SW-W4, SW-W5, SW-W6 and SW-W7

KCSW VASHON LF  
ID SVW6071218-  
PI DATE 12/18/2007  
Sampler SB

## FIELD SAMPLING DATA

Station: SW-W6  
Date/Time: 12/18/2007 1115 Location Description: in stream  
Weather: Raining, 50's -80 ft S of dry ridge

SAMPLE ID #	DATE	METHOD	VOLUME (mL)	CONTAINER TYPE	FIELD FILTERED (YES/NO)	PRES.	ICED YES/NO
SVW6071218	12/18/2007	GRAB	6.40	green GLASS	NO	HCl	YES
VOA		GRAB	1000	blue HDPE	NO	NONE	YES
TSS/TS	12/18/2007	GRAB	500	red HDPE	YES	HNO <sub>3</sub>	YES
METALS, D		GRAB	1000	blue HDPE	NO	NONE	YES
PHYS 1		GRAB	500	yellow HDPE	NO	H <sub>2</sub> SO <sub>4</sub>	YES
COD/TP/TKN		GRAB	300	GLASS	NO	NONE	YES

## FIELD WATER QUALITY PARAMETERS

INSTRUMENT NO.	4	1	1	1	2	3	TIME
	SPECIFIC COND (umhos/cm)	pH VALUE	REDOX mV	TEMP (°C)	DISSOLVED OXYGEN (mg/L)	TURBIDITY NTU	
	247	7.77	-42.9	6.9	9.33	39.8	1110

NOTES:  
INSTRUMENTS CALIBRATED PRIOR TO USE? YES  NO  TIME: 0930  
#1) pH meter (pH, Redox, Temp) SN# 14768 standards used 4 & 7 readings 4.01/7  
#2) Dissolved Oxygen Meter SN# 4600 10.7  
#3) Turbidimeter # 1 standard used 52.4 reading 54.8  
#4) Conductivity Meter SN# 1562 1413/1407  
3 VOA TRIP BLANKS TURNED IN WITH THIS SAMPLE? YES  NO   
VTRP VTRP BUBBLES? YES  NO  BUBBLES: DATE:  
QC BOTTLES TURNED IN? YES  NO   
SAMPLE IS TAKEN AT A WEIR SAMPLER.

## CUSTODY RECORD:

PERSONNEL: SBitir SIGNATURE: [Signature]  
TOTAL NUMBER OF BOTTLES THIS SET: 11

# VASW-3 (45)

KING COUNTY  
SOLID WASTE DIVISION

VASHON-3 SURFACE WATER SAMPLING FIELD RECORD  
used for new weirs SW-W4, SW-W5, SW-W6 and SW-W7

KCSW VASHON LF  
ID SVW6080312  
Date 03/12/2008  
Sampler SB

## FIELD SAMPLING DATA

Station: SW-W6  
Date/Time: 3/12/2008 1158 Location Description: in stream  
Weather: cool, overcast -80 ft S of dry ridge

SAMPLE ID #	DATE	METHOD	VOLUME (mL)	CONTAINER TYPE	FIELD FILTERED (YES/NO)	PRES.	ICED YES/NO
SVW6080312	3/12/2008	GRAB	6.40	green GLASS	NO	HCl	YES
VOA		GRAB	1000	blue HDPE	NO	NONE	YES
TSS/TS	3/12/2008	GRAB	500	red HDPE	YES	HNO <sub>3</sub>	YES
METALS, D		GRAB	1000	blue HDPE	NO	NONE	YES
PHYS 1		GRAB	500	yellow HDPE	NO	H <sub>2</sub> SO <sub>4</sub>	YES
COD/TP/TKN		GRAB	300	GLASS	NO	NONE	YES

## FIELD WATER QUALITY PARAMETERS

INSTRUMENT NO.	4	1	1	1	2	3	TIME
	SPECIFIC COND (umhos/cm)	pH VALUE	REDOX mV	TEMP (°C)	DISSOLVED OXYGEN (mg/L)	TURBIDITY NTU	
	288	7.92	56.7	6.8	7.97	1.77	1200

NOTES:  
INSTRUMENTS CALIBRATED PRIOR TO USE? YES  NO  TIME: 0830  
#1) pH meter (pH, Redox, Temp) SN# 3140044 standards used 4 & 7 readings N/A  
#2) Dissolved Oxygen Meter SN# 4600 101.7 standard used 52.4 reading 56.2  
#3) Turbidimeter # 1 standard used 52.4 reading 56.2  
#4) Conductivity Meter SN# 1562 1413/1408  
3 VOA TRIP BLANKS TURNED IN WITH THIS SAMPLE? YES  NO   
VTRP VTRP BUBBLES? YES  NO  BUBBLES: DATE:  
QC BOTTLES TURNED IN? YES  NO   
SAMPLE IS TAKEN AT A WEIR SAMPLER.

## CUSTODY RECORD:

PERSONNEL: Billir SIGNATURE: [Signature]  
TOTAL NUMBER OF BOTTLES THIS SET: 11

# VASW-3 (45)

KING COUNTY  
SOLID WASTE DIVISION  
KCSWD VASHON LF  
ID SVW6080715E  
Date 07/15/2008  
Sampler SB

## VASHON-3 SURFACE WATER SAMPLING

used for new weirs SW-W4, SW-W5, SW-W6 and S

### FIELD SAMPLING DATA

Station: SW-W6  
Date/Time: 7/15/2008 1100  
Weather: clear, warm, 75°F

Location Description: in stream  
~80 ft S of dry ridge

**COPY**

SAMPLE ID # SVW6080715

SAMPLE TYPE	DATE TIME	METHOD	VOLUME (mL)	CONTAINER TYPE	FIELD FILTERED (YES/NO)	PRES.	ICED YES/NO
VOA		GRAB	6.40	green GLASS	NO	HCl	YES
TSS/TS	7/15	GRAB	1000	blue HDPE	NO	NONE	YES
METALS, D	15/2008	peristaltic pump/tubing	500	red HDPE	YES	HNO <sub>3</sub>	YES
PHYS 1	2008	GRAB	1000	blue HDPE	NO	NONE	YES
COD/TP/TKN		GRAB	500	yellow HDPE	NO	H <sub>2</sub> SO <sub>4</sub>	YES
DO	11:10	GRAB	300	GLASS	NO	NONE	YES

### FIELD WATER QUALITY PARAMETERS

INSTRUMENT NO.	4	1	1	1	2	3	
	SPECIFIC COND (umhos/cm)	pH VALUE	REDOX mV	TEMP (°C)	DISSOLVED OXYGEN (mg/L)	TURBIDITY NTU	TIME
GRAB	304	8.01	-57.6	12.6	9.23	1.09	1100

#### NOTES:

INSTRUMENTS CALIBRATED PRIOR TO USE? YES  NO

TIME: 0810

#1) pH meter (pH, Redox, Temp) SN# 03140044

#3) Turbidimeter # 1

standards used 4 & 7 readings -57.1/-6

standard used 5.36 reading 5.69

#2) Dissolved Oxygen Meter SN# 4800 101.7

#4) Conductivity Meter SN# 1562 1413/1411

3 VOA TRIP BLANKS TURNED IN WITH THIS SAMPLE? YES  NO

VTRP \_\_\_\_\_ VTRP BUBBLES? YES  NO  BUBBLES: \_\_\_\_\_ DATE: \_\_\_\_\_

QC BOTTLES TURNED IN? YES  NO

SAMPLE IS TAKEN AT A WEIR SAMPLER.

SVW6080715E @ 1100

Equipment Blank of tubing for d. metals, using DI H<sub>2</sub>O

### CUSTODY RECORD:

PERSONNEL

S. Bilir

SIGNATURE [Signature]

TOTAL NUMBER OF BOTTLES THIS SET

11 + 1 Eq. Blank

(forgot to take WQ of DI H<sub>2</sub>O)

# VASW-3 (45)

KING COUNTY  
SOLID WASTE DIVISION

## VASHON-3 SURFACE WATER SAMPLING FIELD RECORD

used for new weirs SW-W4, SW-W5, SW-W6 and SW-W7

### FIELD SAMPLING DATA

Station: SW-W6  
Date/Time: 10/06/2008 1100  
Weather: Cold, overcast, 50°F

**COPY**

Location Description: \_\_\_\_\_  
Date 10/06/2008  
Sampler SB

SAMPLE ID # SVW60810

SAMPLE TYPE	DATE TIME	METHOD	VOLUME (mL)	CONTAINER TYPE	FIELD FILTERED (YES/NO)	PRES.	ICED YES/NO
VOA		GRAB	6.40	green GLASS	NO	HCl	YES
TSS/TS	10/15	GRAB	1000	blue HDPE	NO	NONE	YES
METALS, D	06/2008	peristaltic pump/tubing	500	red HDPE	YES	HNO <sub>3</sub>	YES
PHYS 1	2008	GRAB	1000	blue HDPE	NO	NONE	YES
COD/TP/TKN		GRAB	500	yellow HDPE	NO	H <sub>2</sub> SO <sub>4</sub>	YES
DO	11:15	GRAB	300	GLASS/PLASTIC	NO	NONE	YES

### FIELD WATER QUALITY PARAMETERS

INSTRUMENT NO.	4	1	1	1	2	3	
	SPECIFIC COND (umhos/cm)	pH VALUE	REDOX mV	TEMP (°C)	DISSOLVED OXYGEN (mg/L)	TURBIDITY NTU	TIME
GRAB	263	8.12	-55.3	11.5	7.71	2.13	1110

#### NOTES:

INSTRUMENTS CALIBRATED PRIOR TO USE? YES  NO

TIME: 0930

#1) pH meter (pH, Redox, Temp) SN# 03140044

#3) Turbidimeter # 1

standards used 4 & 7 readings 4.0/7

standard used 52.4 reading 54.6

#2) Dissolved Oxygen Meter SN# 4800 101.7

#4) Conductivity Meter SN# 1562 1413/1420

3 VOA TRIP BLANKS TURNED IN WITH THIS SAMPLE? YES  NO

VTRP \_\_\_\_\_ VTRP BUBBLES? YES  NO  BUBBLES: NTA DATE: 10/6

QC BOTTLES TURNED IN? YES  NO

EQUIPMENT BLANK TURNED IN WITH THIS SAMPLE? YES  NO  clean tubing (Metals, D)

SAMPLE IS TAKEN AT SURFACE WATER/ GROUNDWATER INTERFACE.

### CUSTODY RECORD:

PERSONNEL

S. Bilir

SIGNATURE [Signature]

TOTAL NUMBER OF BOTTLES THIS SET

11 + 1 EB

DATE / TIME

10/06/08: 1130

# VASW-3 (45)

VASHON-3 SURFACE WATER  
used for new weirs SW-W4, SW-W5

## FIELD SAMPLING DATA

Station: **SW-W6**

Date/Time: 01 / 06 / 2009

Weather: Rain, overcast, 40's, windy

Location Description: in stream  
~80 ft S of dry ridge

SAMPLE ID # SVW6090324E

SAMPLE TYPE	DATE TIME	METHOD	VOLUME (mL)	CONTAINER TYPE	FIELD FILTERED (YES/NO)	PRES.	ICED YES/NO
VOA		GRAB	6.40	green GLASS	NO	HCl	YES
TSS/TS	01/	GRAB	1000	blue HDPE	NO	NONE	YES
METALS, D	06 /	peristaltic pump/rubing	500	red HDPE	YES	HNO <sub>3</sub>	YES
PHYS 1	2009	GRAB	1000	blue HDPE	NO	NONE	YES
COD/TP/TKN		GRAB	500	yellow HDPE	NO	H <sub>2</sub> SO <sub>4</sub>	YES
DO	11:55	GRAB	300	GLASS/PLASTIC	NO	NONE	YES

## FIELD WATER QUALITY PARAMETERS

INSTRUMENT NO.	SPECIFIC COND (umhos/cm)	pH VALUE	REDOX mV	TEMP (°C)	DISSOLVED OXYGEN (mg/L)	TURBIDITY NTU	TIME
GRAB	277	8.04	-61.0	6.9	8.0	8.9	1145

### NOTES:

INSTRUMENTS CALIBRATED PRIOR TO USE? YES  NO  TIME: 1615

#1) pH meter (pH, Redox, Temp) SN# 03140044 standards used 4 & 7 readings -75.3/-7

#2) Dissolved Oxygen Meter SN# 4600 readings 10.1, 7

#3) Turbidimeter # 1 standard used 52.4 reading 55.1

#4) Conductivity Meter SN# 1582 1413/1458

3 VOA TRIP BLANKS TURNED IN WITH THIS SAMPLE? YES  NO

VTRP 090106T VTRP BUBBLES? YES  NO  BUBBLES: DATE: 12/31/08

QC BOTTLES TURNED IN? YES  NO

EQUIPMENT BLANK TURNED IN WITH THIS SAMPLE? YES  NO  SVW6090106E

SAMPLE IS TAKEN AT SURFACE WATER/ GROUNDWATER INTERFACE.

### CUSTODY RECORD:

PERSONNEL: S. Bilir SIGNATURE: [Signature] DATE/ TIME: 01/06/09 : 11:55

TOTAL NUMBER OF BOTTLES THIS SET: (11) + 3 VTRP + 1 E

# VASW-3 (45)

VASHON-3 SURFACE WATER SAMPLING  
used for new weirs SW-W4, SW-W5, SW-W6 and SW-W7

## FIELD SAMPLING DATA

Station: **SW-W6**

Date/Time: 03 / 24 / 2009 1300

Weather: cool, overcast, windy

Location Description: in stream

SAMPLE ID # SVW6090324E

SAMPLE TYPE	DATE TIME	METHOD	VOLUME (mL)	CONTAINER TYPE	FIELD FILTERED (YES/NO)	PRES.	ICED YES/NO
VOA		GRAB	6.40	green GLASS	NO	HCl	YES
TSS/TS	03/	GRAB	1000	blue HDPE	NO	NONE	YES
METALS, D	24 /	peristaltic pump/rubing	500	red HDPE	YES	HNO <sub>3</sub>	YES
PHYS 1	2009	GRAB	1000	blue HDPE	NO	NONE	YES
COD/TP/TKN		GRAB	500	yellow HDPE	NO	H <sub>2</sub> SO <sub>4</sub>	YES
DO	13:00	GRAB	300	GLASS/PLASTIC	NO	NONE	YES

## FIELD WATER QUALITY PARAMETERS

INSTRUMENT NO.	SPECIFIC COND (umhos/cm)	pH VALUE	REDOX mV	TEMP (°C)	DISSOLVED OXYGEN (mg/L)	TURBIDITY NTU	TIME
GRAB	228	7.93	-44	7.1	8.89	3.34	1310

### NOTES:

INSTRUMENTS CALIBRATED PRIOR TO USE? YES  NO  TIME: 1100

#1) pH meter (pH, Redox, Temp) SN# 03140044 standards used 4 & 7 readings -75.4/-6

#2) Dissolved Oxygen Meter SN# 4600 readings 10.1, 7

#3) Turbidimeter # 1 standard used 52.4 reading 55

#4) Conductivity Meter SN# 1582 1413/1408

3 VOA TRIP BLANKS TURNED IN WITH THIS SAMPLE? YES  NO

VTRP 090324T VTRP BUBBLES? YES  NO  BUBBLES: 1 @ 3mm DATE: 3/20/09

QC BOTTLES TURNED IN? YES  NO

EQUIPMENT BLANK TURNED IN WITH THIS SAMPLE? YES  NO  SVW6090324E

SAMPLE IS TAKEN AT SURFACE WATER/ GROUNDWATER INTERFACE.

### CUSTODY RECORD:

PERSONNEL: S. Bilir SIGNATURE: [Signature] DATE/ TIME: 3/24 : 1320

TOTAL NUMBER OF BOTTLES THIS SET: 11

13 VTRP + 1 E

VASW-3 (45)

VASHON-3 SURFACE WATER FIELD RECORD

used for Weirs SW-W5 and SW-W6

FIELD SAMPLING DATA

Station: SW-W6  
Date/Time: 07 / 10 / 2009 11:00  
Weather: clear, warm ~80°F  
Location: in stream 80 ft S of dry ridge

SAMPLING DATA

SAMPLE ID # SVW6090710-

SAMPLE TYPE	DATE TIME	METHOD	VOLUME (mL)	CONTAINER TYPE	FIELD FILTERED (YES, NO)	PRESERVATIVE	ICED YES NO
TSS		GRAB	1000	WM HDPE	NO	NONE	YES
COND/pH/ALK/TURB	07 /	GRAB	500	WM HDPE	NO	NONE	YES
TDS/TOTS	10 /	GRAB	500	WM HDPE	NO	NONE	YES
NH <sub>3</sub> /NO <sub>3</sub>	2009	GRAB	250	WM HDPE	NO	NONE	YES
CL/SO <sub>4</sub>		GRAB	125	NM HDPE	NO	NONE	YES
WDO	11:16	GRAB	300	GLASS	NO	MnSO <sub>4</sub> / AIA	NO
METALS, c		GRAB	500	Acid Washed HDPE	NO	NONE	YES
METALS, d		GRAB	500	Acid Washed HDPE	YES	NONE	YES
VOA		GRAB	4,40	GLASS	NO	HCL	YES

Preserve WDO w/ PILLOW POUCHES & Place in insulated covers  
LABEL THE DISSOLVED METALS BOTTLE "FIELD FILTERED"

FIELD WATER QUALITY PARAMETERS

INSTRUMENT NO.	1562	03140044	03140044	3140044	4600	1	
SAMPLE	COND (umhos/cm)	pH VALUE	REDOX mV	TEMPERATURE (°C)	DISSOLVED OXYGEN (mg/L)	TURBIDITY NTU	TIME
GRAB	323	7.71	-46.9	13.3	9.1	2.09	1105

TURB STD USED: 5.36  
METER READING: 5.71

NOTES:

INSTRUMENTS CALIBRATED PRIOR TO USE? YES  NO  BUFFERS: (4, 7) 10  
3 VTRPs TURNED IN? YES  NO  VTRP090710R DATE: 07/09/09  
BUBBLES? YES  NO  BUBBLE DIAMETERS: N/A  
NO QC BOTTLES

CUSTODY RECORD:

PERSONNEL: Sevin Bilir  
SIGNATURE: *SB*  
DATE/TIME: 07/10/09 11:30

TOTAL NUMBER OF BOTTLES THIS SET 12 + 3 VTRP

VASW-3 (45)

VASHON-3 SURFACE WATER FIELD RECORD

used for Weirs SW-W5 and SW-W6

FIELD SAMPLING DATA

Station: SW-W6  
Date/Time: 10 / 19 / 2009 12:10  
Weather: overcast, 50°F's  
Location: in stream 80 ft S of dry ridge

SAMPLING DATA

SAMPLE ID # SVW6091019-

SAMPLE TYPE	DATE TIME	METHOD	VOLUME (mL)	CONTAINER TYPE	FIELD FILTERED (YES, NO)	PRESERVATIVE	ICED YES NO
TSS		GRAB	1000	WM HDPE	NO	NONE	YES
COND/pH/ALK/TURB	10 /	GRAB	500	WM HDPE	NO	NONE	YES
TDS/TOTS	19 /	GRAB	500	WM HDPE	NO	NONE	YES
NH <sub>3</sub> /NO <sub>3</sub>	2009	GRAB	250	WM HDPE	NO	NONE	YES
CL/SO <sub>4</sub>		GRAB	125	NM HDPE	NO	NONE	YES
WDO	12:30	GRAB	300	GLASS	NO	MnSO <sub>4</sub> / AIA	NO
METALS, c		GRAB	500	Acid Washed HDPE	NO	NONE	YES
METALS, d		GRAB	500	Acid Washed HDPE	YES	NONE	YES
VOA		GRAB	4,40	GLASS	NO	HCL	YES

Preserve WDO w/ PILLOW POUCHES & Place in insulated covers  
LABEL THE DISSOLVED METALS BOTTLE "FIELD FILTERED"

FIELD WATER QUALITY PARAMETERS

INSTRUMENT NO.	1562	03140044	03140044	3140044	4600	1	
SAMPLE	COND (umhos/cm)	pH VALUE	REDOX mV	TEMPERATURE (°C)	DISSOLVED OXYGEN (mg/L)	TURBIDITY NTU	TIME
GRAB	249	7.82	-48.8	11.2	7.89	4.94	1215

TURB STD USED: 5.36  
METER READING: 5.77

NOTES:

INSTRUMENTS CALIBRATED PRIOR TO USE? YES  NO  BUFFERS: (4, 7) 10  
3 VTRPs TURNED IN? YES  NO  VTRP091019R DATE: 10/16/09  
BUBBLES? YES  NO  BUBBLE DIAMETERS: N/A  
NO QC BOTTLES

CUSTODY RECORD:

PERSONNEL: Sevin Bilir  
SIGNATURE: *SB*  
DATE/TIME: 10/19/09 12:45

TOTAL NUMBER OF BOTTLES THIS SET 12 + 3



KING COUNTY  
SOLID WASTE DIVISION

KCSWD VASHON LF  
ID SVW6100122-  
Date 01/22/2010  
Sampler SB

VASW-3 (45)

VASHON-3 SURFACE WATER FIELD RECORD

used for Weirs SW-W5 and SW-W6

FIELD SAMPLING DATA

Station: SW-W6  
Date/Time: 01/22/2010 0920  
Weather: partly cloudy  
Location: in stream 80 ft S of dry ridge

*COPY*  
KCSWD VASHON LF  
ID VTRP100122R  
Date 01/22/2010  
Sampler SB

SAMPLING DATA

SAMPLE ID #	DATE TIME	METHOD	VOLUME (mL)	CONTAINER TYPE	FIELD FILTERED (YES, NO)	PRESERVATIVE	ICED YES NO
SVW6100122-							
TSS		GRAB	1000	WM HDPE	NO	NONE	YES
COND/ALK/TURB	01/22	GRAB	500	WM HDPE	NO	NONE	YES
TDS/TOTS	22/	GRAB	500	WM HDPE	NO	NONE	YES
NH <sub>3</sub> /NO <sub>3</sub>	2010	GRAB	250	WM HDPE	NO	NONE	YES
CL/SO <sub>4</sub>		GRAB	125	WM HDPE	NO	NONE	YES
METALS, t	0930	GRAB	500	Acid Washed HDPE	NO	NONE	YES
METALS, d		GRAB	500	Acid Washed HDPE	YES	NONE	YES
VOA		GRAB	4,40	GLASS	NO	HCl	YES

✓ FILTER THE DISS METALS AND MAKE SURE THE TOTAL AND DISSOLVED METALS GO INTO THE CORRECT CORRECT BOTTLES! ✓

FIELD WATER QUALITY PARAMETERS

TURB STD USED: 5.36  
METER READING: 5.73

INSTRUMENT NO.	SPEC COND (µmhos/cm)	pH VALUE	TEMPERATURE (°C)	DISSOLVED OXYGEN (mg/L)	TURBIDITY NTU	TIME
1562 03140044 1562						
GRAB	203	7.07	7.5	11.1	2.75	0940

NOTES:  
INSTRUMENTS CALIBRATED PRIOR TO USE? YES  NO  BUFFERS: (4, 7), 10  
3 VTRPs TURNED IN? YES  NO  VTRP1001 22R DATE: 01/19/10  
BUBBLES? YES  NO  BUBBLE DIAMETERS: 1 @ 3mm  
NO QC BOTTLES

CUSTODY RECORD:

PERSONNEL	SIGNATURE	DATE/TIME
Sevin Bilir	<i>[Signature]</i>	01/22/10 09:40

TOTAL NUMBER OF BOTTLES THIS SET: 11 + 3

KING COUNTY  
SOLID WASTE DIVISION

KCSWD VASHON LF  
ID SVW6100419-  
Date 04/19/2010  
Sampler SB

VASW-3 (45)

VASHON-3 SURFACE WATER FIELD RECORD

used for Weirs SW-W5 and SW-W6

FIELD SAMPLING DATA

Station: SW-W6  
Date/Time: 04/19/2010 1300  
Weather: overcast, cools  
Location: in stream 80 ft S of dry ridge

*COPY*

SAMPLING DATA

SAMPLE ID #	DATE TIME	METHOD	VOLUME (mL)	CONTAINER TYPE	FIELD FILTERED (YES, NO)	PRESERVATIVE	ICED YES NO
SVW6100419-							
TSS		GRAB	1000	WM HDPE	NO	NONE	YES
COND/ALK/TURB	04/19	GRAB	500	WM HDPE	NO	NONE	YES
TDS/TOTS	19/	GRAB	500	WM HDPE	NO	NONE	YES
NH <sub>3</sub> /NO <sub>3</sub>	2010	GRAB	250	WM HDPE	NO	NONE	YES
CL/SO <sub>4</sub>		GRAB	125	WM HDPE	NO	NONE	YES
METALS, t	1315	GRAB	500	Acid Washed HDPE	NO	NONE	YES
METALS, d		GRAB	500	Acid Washed HDPE	YES	NONE	YES
VOA		GRAB	4,40	GLASS	NO	HCl	YES

✓ FILTER THE DISS METALS AND MAKE SURE THE TOTAL AND DISSOLVED METALS GO INTO THE CORRECT CORRECT BOTTLES! ✓

FIELD WATER QUALITY PARAMETERS

TURB STD USED: 5.36  
METER READING: 4.91

INSTRUMENT NO.	SPEC COND (µmhos/cm)	pH VALUE	TEMPERATURE (°C)	DISSOLVED OXYGEN (mg/L)	TURBIDITY NTU	TIME
1562 03140044 1562						
GRAB	187	7.16	12.5	NM	10.4	1305

NOTES:  
INSTRUMENTS CALIBRATED PRIOR TO USE? YES  NO  BUFFERS: (4, 7), 10  
3 VTRPs TURNED IN? YES  NO  VTRP1004 DATE:  
BUBBLES? YES  NO  BUBBLE DIAMETERS:  
NO QC BOTTLES

CUSTODY RECORD:

PERSONNEL	SIGNATURE	DATE/TIME
Sevin Bilir	<i>[Signature]</i>	04/19/10 13:25

TOTAL NUMBER OF BOTTLES THIS SET: 11

KING COUNTY  
SOLID WASTE DIVISION

VASW-3 (45)

KCSWD VASHON LF  
ID SVW6100812  
Date 08/12/2010  
Sampler SB

VASHON-3 SURFACE WATER FIELD RECORD  
FIELD SAMPLING DATA (used for Weirs SW-W5 and SW-W6)

Station: SW-W6  
Date/Time: 08/12/2010 1045  
Weather: Overcast, 70's  
Location: in stream 80 ft S of dry ridge

SAMPLING DATA

SAMPLE ID #		SVW6100412 -									
SAMPLE TYPE	DATE TIME	METHOD	VOLUME (mL)	CONTAINER TYPE	FIELD FILTERED (YES, NO)	PRESERVATIVE	ICED				
TSS	8/12	GRAB	✓1000	WM HDPE	NO	NONE	YES				
COND/ALK/TURB	12/1	GRAB	✓500	WM HDPE	NO	NONE	YES				
TDS/TOTS	2010	GRAB	✓500	WM HDPE	NO	NONE	YES				
NH <sub>3</sub> /NO <sub>3</sub>	11:00	GRAB	✓250	WM HDPE	NO	NONE	YES				
CL/SO <sub>4</sub>	a.m.	GRAB	✓125	NM HDPE	NO	NONE	YES				
METALS, t		GRAB	✓500	Acid Washed HDPE	NO	NONE	YES				
METALS, d		GRAB	✓500	Acid Washed HDPE	YES	NONE	YES				
VOA		GRAB	✓4,40	GLASS	NO	HCl	YES				

PLEASE REMEMBER TO FILTER THE DISS METALS AND MAKE SURE THE TOTAL AND DISSOLVED METALS GO INTO CORRECT BOTTLES!

FIELD WATER QUALITY PARAMETERS

INSTR. #	1562	03140044	03140044	SWD	1	TURB STD USED: 5.36		
	SPEC COND (umhos/cm)		PH VALUE		TEMPERATURE (°C)	DISSOLVED OXYGEN (mg/L)	TURBIDITY NTU	TIME
1	349	7.12	13.8	NM	3.96	10:50		

NOTES:

INSTRUMENTS CALIBRATED PRIOR TO USE? YES  NO  BUFFERS: (4, 7, 10)

3 VTRPs TURNED IN? YES  NO  VTRP1008 DATE:

BUBBLES? YES  NO  BUBBLE DIAMETERS: N/A

NO QC BOTTLES

CUSTODY RECORD:

PERSONNEL: SBILIR SIGNATURE: [Signature] DATE/TIME: 8/12/10 11:20  
TOTAL NUMBER OF BOTTLES THIS SET: 11 ✓

KING COUNTY  
SOLID WASTE DIVISION

VASW-3 (45)

KCSWD VASHON LF  
ID SVW6101101  
Date 11/01/2010  
Sampler SB

VASHON-3 SURFACE WATER FIELD RECORD  
FIELD SAMPLING DATA (used for Weirs SW-W5 and SW-W6)

Station: SW-W6  
Date/Time: 11/01/2010 1150  
Weather: Rain, Windy, 50°F  
Location: in stream 80 ft S of dry ridge

SAMPLING DATA

SAMPLE ID #		SVW6101101 -									
SAMPLE TYPE	DATE TIME	METHOD	VOLUME (mL)	CONTAINER TYPE	FIELD FILTERED (YES, NO)	PRESERVATIVE	ICED				
TSS	11/1	GRAB	1000	WM HDPE	NO	NONE	YES				
COND/ALK/TURB	01/1	GRAB	500	WM HDPE	NO	NONE	YES				
TDS/TOTS	2010	GRAB	500	WM HDPE	NO	NONE	YES				
NH <sub>3</sub> /NO <sub>3</sub>	11:55	GRAB	250	WM HDPE	NO	NONE	YES				
CL/SO <sub>4</sub>	a.m.	GRAB	125	NM HDPE	NO	NONE	YES				
METALS, t		GRAB	500	Acid Washed HDPE	NO	NONE	YES				
METALS, d		GRAB	500	Acid Washed HDPE	YES	NONE	YES				
VOA		GRAB	4,40	GLASS	NO	HCl	YES				

PLEASE REMEMBER TO FILTER THE DISS METALS AND MAKE SURE THE TOTAL AND DISSOLVED METALS GO INTO CORRECT BOTTLES!

FIELD WATER QUALITY PARAMETERS

INSTR. #	1562	03140044	03140044	SWD	1	TURB STD USED: 52.4		
	SPEC COND (umhos/cm)		PH VALUE		TEMPERATURE (°C)	DISSOLVED OXYGEN (mg/L)	TURBIDITY NTU	TIME
1	165.4	6.67	10.8	9.03	13.5	11:50		

NOTES:

INSTRUMENTS CALIBRATED PRIOR TO USE? YES  NO  BUFFERS: (4, 7, 10)

3 VTRPs TURNED IN? YES  NO  VTRP1008 DATE:

BUBBLES? YES  NO  BUBBLE DIAMETERS:

NO QC BOTTLES

CUSTODY RECORD:

PERSONNEL: SBILIR SIGNATURE: [Signature] DATE/TIME: 11/01/2010 12:00  
TOTAL NUMBER OF BOTTLES THIS SET: 11

# VASW-3 (45)

KING COUNTY  
SOLID WASTE DIVISION

KC VASHON LF  
ID SVW7070510-  
DATE 05/10/07  
TIME 1045  
SAMPLER SB

## VASHON-3 SURFACE WATER SAMPLING FIELD RECORD

used for new weirs SW-4, SW-5, SW-6 and SW-7

### FIELD SAMPLING DATA

Station: SW-7  
Date/Time: 05/10/07 1035  
Weather: Clear, warm  
Location Description: in stream  
~60 ft S of SW-6

SAMPLE ID # SVW7070510-

SAMPLE TYPE	DATE TIME	METHOD	VOLUME (mL)	CONTAINER TYPE	FIELD FILTERED (YES/NO)	PRES	ICED YES/NO
VOA		GRAB	6.40	green GLASS	NO	HCl	YES
TSS/TS	05/10/07	GRAB	1000	blue HDPE	NO	NONE	YES
METALS, D	10/1	GRAB	500	red HDPE	YES	HNO <sub>3</sub>	YES
PHYS 1	2007	GRAB	1000	blue HDPE	NO	NONE	YES
COD/TP/TKN		GRAB	500	yellow HDPE	NO	H <sub>2</sub> SO <sub>4</sub>	YES
DO	10:45	GRAB	300	GLASS	NO	NONE	YES

### FIELD WATER QUALITY PARAMETERS

INSTRUMENT NO.	SAMPLE	SPECIFIC COND (µmhos/cm)	pH VALUE	REDOX mV	TEMP (°C)	DISSOLVED OXYGEN (mg/L)	TURBIDITY NTU	TIME
4	251	8.1	-61.7	10	7.65	4.63	1055	

#### NOTES:

INSTRUMENTS CALIBRATED PRIOR TO USE? YES  NO  TIME: 0715  
 #1) pH meter (pH, Redox, Temp) SN# 14768 #3) Turbidimeter # 1  
 standards used 7, 10, D1 readings 7.9, 5.7 standard used 5.36 reading 5.62  
 #2) Dissolved Oxygen Meter SN# 4600 #4) Conductivity Meter SN# 1567

3 VOA TRIP BLANKS TURNED IN WITH THIS SAMPLE? YES  NO   
 VTRP 070510T VTRP BUBBLES? YES  NO  BUBBLES: 2 had 1 bubble each DATE: 5/8/07  
 QC BOTTLES TURNED IN? YES  NO

SAMPLE IS TAKEN AT A WEIR SAMPLER.

### CUSTODY RECORD:

PERSONNEL

SIGNATURE

TOTAL NUMBER OF BOTTLES THIS SET

X 14

# VASW-3 (45)

KING COUNTY  
SOLID WASTE DIVISION

KCSW VASHON LF  
ID SVW7070814-  
DATE 08/14/2007  
TIME 1030  
Sampler SB

## VASHON-3 SURFACE WATER SAMPLING FIELD RECORD

used for new weirs SW-W4, SW-W5, SW-W6 and SW-W7

### FIELD SAMPLING DATA

Station: SW-W7  
Date/Time: 08/14/2007  
Weather: Clear cool  
Location Description: in stream  
~60 ft S of SW-W6

SAMPLE ID # SVW7070814-

SAMPLE TYPE	DATE TIME	METHOD	VOLUME (mL)	CONTAINER TYPE	FIELD FILTERED (YES/NO)	PRES	ICED YES/NO
VOA		GRAB	6.40	green GLASS	NO	HCl	YES
TSS/TS	08/14/07	GRAB	1000	blue HDPE	NO	NONE	YES
METALS, D	14/1	GRAB	500	red HDPE	YES	HNO <sub>3</sub>	YES
PHYS 1	2007	GRAB	1000	blue HDPE	NO	NONE	YES
COD/TP/TKN		GRAB	500	yellow HDPE	NO	H <sub>2</sub> SO <sub>4</sub>	YES
DO	10:30	GRAB	300	GLASS	NO	NONE	YES

### FIELD WATER QUALITY PARAMETERS

INSTRUMENT NO.	SAMPLE	SPECIFIC COND (µmhos/cm)	pH VALUE	REDOX mV	TEMP (°C)	DISSOLVED OXYGEN (mg/L)	TURBIDITY NTU	TIME
4	253	7.91	-56.4	12.5	7.65	5.9	1035	

#### NOTES:

INSTRUMENTS CALIBRATED PRIOR TO USE? YES  NO  TIME: 0810  
 #1) pH meter (pH, Redox, Temp) SN# 14768 #3) Turbidimeter # 1  
 standards used 4 & 7 readings 4.01/7.01 standard used 52.4 reading 53.4  
 #2) Dissolved Oxygen Meter SN# 4600 #4) Conductivity Meter SN# 1562 1413/1412

3 VOA TRIP BLANKS TURNED IN WITH THIS SAMPLE? YES  NO   
 VTRP \_\_\_\_\_ VTRP BUBBLES? YES  NO  BUBBLES: \_\_\_\_\_ DATE: \_\_\_\_\_  
 QC BOTTLES TURNED IN? YES  NO

SAMPLE IS TAKEN AT A WEIR SAMPLER.

### CUSTODY RECORD:

PERSONNEL

SIGNATURE

TOTAL NUMBER OF BOTTLES THIS SET

11

# VASW-3 (45)

KING COUNTY  
SOLID WASTE DIVISION

## VASHON-3 SURFACE WATER SAMPLING FIELD RECORD

used for new weirs SW-W4, SW-W5, SW-W6 and SW-W7

P KCSW VASHON LF  
ID SVW7071101-  
DATE 11/01/2007  
TIME 11:30  
Sampler SB

### FIELD SAMPLING DATA

Station: SW-W7

Date/Time: 11/1/2007

Weather: cool, partly cloudy

Location Description: in stream  
-60 ft S of SW-W6

SAMPLE ID # SVW70710 01

SAMPLE TYPE	DATE TIME	METHOD	VOLUME (mL)	CONTAINER TYPE	FIELD FILTERED (YES,NO)	PRES.	ICED YES/NO
VOA		GRAB	6.40	green GLASS	NO	HCl	YES
TSS/TS	11/7	GRAB	1000	blue HDPE	NO	NONE	YES
METALS, D	01/7	GRAB	500	red HDPE	YES	HNO <sub>3</sub>	YES
PHYS 1	2007	GRAB	1000	blue HDPE	NO	NONE	YES
COD/TP/TKN		GRAB	500	yellow HDPE	NO	H <sub>2</sub> SO <sub>4</sub>	YES
DO	11:30	GRAB	300	GLASS	NO	NONE	YES

### FIELD WATER QUALITY PARAMETERS

INSTRUMENT NO.	4	1	1	1	2	3	
	SPECIFIC COND (umhos/cm)	pH VALUE	REDOX mV	TEMP (°C)	DISSOLVED OXYGEN (mg/L)	TURBIDITY NTU	TIME
	289	8.1	-61.3	8.7	7.51	11.2	1115

#### NOTES:

INSTRUMENTS CALIBRATED PRIOR TO USE? YES  NO  TIME:

#1) pH meter (pH, Redox, Temp) SN# 14768

standards used 4 & 7 readings

#2) Dissolved Oxygen Meter SN# 4600

#3) Turbidimeter # 1

standard used 52.4 reading 56.8

#4) Conductivity Meter SN# 1562 1413/1422

3 VOA TRIP BLANKS TURNED IN WITH THIS SAMPLE? YES  NO

VTRP VTRP BUBBLES? YES  NO

QC BOTTLES TURNED IN? YES  NO

SAMPLE IS TAKEN AT A WEIR SAMPLER.

### CUSTODY RECORD:

PERSONNEL

SIGNATURE

*SB*

TOTAL NUMBER OF BOTTLES THIS SET 11

# VASW-3 (45)

KING COUNTY  
SOLID WASTE DIVISION

## VASHON-3 SURFACE WATER SAMPLING FIELD RECORD

used for new weirs SW-W4, SW-W5, SW-W6 and SW-W7

KCSW VASHON LF  
ID SVW7071218-  
DATE 12/18/2007

Sampler SB

### FIELD SAMPLING DATA

Station: SW-W7

Date/Time: 12/18/2007 1130

Weather: Raining, 50%

Location Description: in stream  
-60 ft S of SW-W6

SAMPLE ID # SVW70712 18

SAMPLE TYPE	DATE TIME	METHOD	VOLUME (mL)	CONTAINER TYPE	FIELD FILTERED (YES,NO)	PRES.	ICED YES/NO
VOA		GRAB	6.40	green GLASS	NO	HCl	YES
TSS/TS	12/18	GRAB	1000	blue HDPE	NO	NONE	YES
METALS, D	18/1	GRAB	500	red HDPE	YES	HNO <sub>3</sub>	YES
PHYS 1	2007	GRAB	1000	blue HDPE	NO	NONE	YES
COD/TP/TKN		GRAB	500	yellow HDPE	NO	H <sub>2</sub> SO <sub>4</sub>	YES
DO	11:30	GRAB	300	GLASS	NO	NONE	YES

### FIELD WATER QUALITY PARAMETERS

INSTRUMENT NO.	4	1	1	1	2	3	
	SPECIFIC COND (umhos/cm)	pH VALUE	REDOX mV	TEMP (°C)	DISSOLVED OXYGEN (mg/L)	TURBIDITY NTU	TIME
	245	8.01	-56.4	6.9	8.25	38.1	1125

#### NOTES:

INSTRUMENTS CALIBRATED PRIOR TO USE? YES  NO  TIME: 0930

#1) pH meter (pH, Redox, Temp) SN# 14768

standards used 4 & 7 readings 4.01/7

#2) Dissolved Oxygen Meter SN# 4600 10.7

#3) Turbidimeter # 1

standard used 52.4 reading 54.8

#4) Conductivity Meter SN# 1562 1413/1407

3 VOA TRIP BLANKS TURNED IN WITH THIS SAMPLE? YES  NO

VTRP VTRP BUBBLES? YES  NO

QC BOTTLES TURNED IN? YES  NO

SAMPLE IS TAKEN AT A WEIR SAMPLER.

### CUSTODY RECORD:

PERSONNEL

SIGNATURE

*SB*

*SB*

TOTAL NUMBER OF BOTTLES THIS SET 11



# VASW-3 (45)

KING COUNTY  
SOLID WASTE DIVISION  
KCSWD VASHON LF

VASHON-3 SURFACE WATER SAMPLING FIELD RECORD  
used for new weirs SW-W4, SW-W5, SW-W6 and SW-W7  
Date 03/12/2008

PI--  
KCSWD VASHON LF  
ID SVW7080312  
Date 03/12/2008  
Sampler SB

## FIELD SAMPLING DATA

Station: SW-W7  
Date/Time: 3/12/2008  
Weather: \_\_\_\_\_  
Location Description: in stream  
~60 ft S of SW-W6

SAMPLE ID # SVW7080312

SAMPLE TYPE	DATE TIME	METHOD	VOLUME (mL)	CONTAINER TYPE	FIELD FILTERED (YES/NO)	PRES.	ICED YES/NO
VOA		GRAB	6.40	green GLASS	NO	HCl	NO
TSS/TS	<u>3/</u>	GRAB	1000	blue HDPE	NO	NONE	YES
METALS, D	<u>12/1</u>	GRAB	500	red HDPE	YES	HNO <sub>3</sub>	YES
PHYS 1	<u>2008</u>	GRAB	1000	blue HDPE	NO	NONE	YES
COD/TP/TKN		GRAB	500	yellow HDPE	NO	H <sub>2</sub> SO <sub>4</sub>	YES
DO	<u>12:30</u>	GRAB	300	GLASS	NO	NONE	YES

## FIELD WATER QUALITY PARAMETERS

INSTRUMENT NO.	4	1	1	1	2	3	
	SPECIFIC COND (umhos/cm)	pH VALUE	REDOX mV	TEMP (°C)	DISSOLVED OXYGEN (mg/L)	TURBIDITY NTU	TIME
	<u>258</u>	<u>7.87</u>	<u>-49.6</u>	<u>7.2</u>	<u>7.22</u>	<u>3.19</u>	<u>1215</u>

### NOTES:

INSTRUMENTS CALIBRATED PRIOR TO USE? YES  NO  TIME: 0830  
 #1) pH meter (pH, Redox, Temp) SN# 3140044 #3) Turbidimeter # 1  
 standards used 4 & 7 readings N/A standard used 52.4 reading 50.2  
 #2) Dissolved Oxygen Meter SN# 4600 101.7 #4) Conductivity Meter SN# 1562 1413/1408

3 VOA TRIP BLANKS TURNED IN WITH THIS SAMPLE? YES  NO   
 VTRP 080312R VTRP BUBBLES? YES  NO  BUBBLES: \_\_\_\_\_ DATE: 03/06/08  
 QC BOTTLES TURNED IN? YES  NO

SAMPLE IS TAKEN AT A WEIR SAMPLER.

### CUSTODY RECORD:

PERSONNEL BILIR SIGNATURE [Signature]  
 TOTAL NUMBER OF BOTTLES THIS SET 11  
+3 VTRP

# VASW-3 (45)

KING COUNTY  
SOLID WASTE DIVISION

VASHON-3 SURFACE WATER SAMPLING FIELD RECORD  
used for new weirs SW-W4, SW-W5, SW-W6 and SW-W7

NO SAMPLE

COPY

## FIELD SAMPLING DATA

Station: SW-W7  
Date/Time: 7/15/2008 1115  
Weather: Warm, clear ~75°F  
Location Description: in stream  
~60 ft S of SW-W6

SAMPLE ID # \_\_\_\_\_

SAMPLE TYPE	DATE TIME	METHOD	VOLUME (mL)	CONTAINER TYPE	FIELD FILTERED (YES/NO)	PRES.	ICED YES/NO
VOA		GRAB	6.40	green GLASS	NO	HCl	NO
TSS/TS	<u>7/</u>	GRAB	1000	blue HDPE	NO	NONE	YES
METALS, D	<u>12/1</u>	GRAB	500	red HDPE	YES	HNO <sub>3</sub>	YES
PHYS 1	<u>2008</u>	GRAB	1000	blue HDPE	NO	NONE	YES
COD/TP/TKN		GRAB	500	yellow HDPE	NO	H <sub>2</sub> SO <sub>4</sub>	YES
DO		GRAB	300	GLASS	NO	NONE	YES

## FIELD WATER QUALITY PARAMETERS

INSTRUMENT NO.	4	1	1	1	2	3	
	SPECIFIC COND (umhos/cm)	pH VALUE	REDOX mV	TEMP (°C)	DISSOLVED OXYGEN (mg/L)	TURBIDITY NTU	TIME
<u>GRAB</u>	<u>284</u>	<u>8.11</u>	<u>-67.8</u>	<u>12.5</u>	<u>8.07</u>	<u>3.24</u>	<u>1115</u>

### NOTES:

INSTRUMENTS CALIBRATED PRIOR TO USE? YES  NO  TIME: 0810  
 #1) pH meter (pH, Redox, Temp) SN# 03140044 #3) Turbidimeter # 1  
 standards used 4 & 7 readings 57.1/6 standard used 5.36 reading 5.69  
 #2) Dissolved Oxygen Meter SN# 4600 101.7 #4) Conductivity Meter SN# 1562 1413/1411

3 VOA TRIP BLANKS TURNED IN WITH THIS SAMPLE? YES  NO  N/A  
 VTRP \_\_\_\_\_ VTRP BUBBLES? YES  NO  BUBBLES: \_\_\_\_\_ DATE: \_\_\_\_\_  
 QC BOTTLES TURNED IN? YES  NO  N/A

SAMPLE IS TAKEN AT A WEIR SAMPLER.

### CUSTODY RECORD:

PERSONNEL S. Bilir SIGNATURE [Signature]  
 TOTAL NUMBER OF BOTTLES THIS SET 11

# VASW-3 (45)

KING COUNTY  
SOLID WASTE DIVISION

Place label here

## VASHON-3 SURFACE WATER SAMPLING FIELD RECORD

used for new weirs SW-W4, SW-W5, SW-W6 and SW-W7

### FIELD SAMPLING DATA

Station: SW-W7

Date/Time: 10/06/2008 1140

Weather: cond, S.O.P's, overcast

Location Description: in stream  
-60 ft S of SW-W6

SAMPLE ID # N/A

SAMPLE TYPE	DATE TIME	METHOD	VOLUME (ml)	CONTAINER TYPE	FIELD FILTERED	PH	RED	CED
					YES/NO			YES/NO
VOA		GRAB	6.4	green Slys	NO	7.1	NO	YES
TSS/TS	10/	GRAB	1000	blue HDPE	NO	NONE	NO	YES
METALS		GRAB	1000	red HDPE	YES	HNO <sub>3</sub>	NO	YES
PHYS	200	GRAB	1000	blue HDPE	NO	NONE	NO	YES
COD/UNT		GRAB	500	yellow HDPE	NO	H <sub>2</sub> SO <sub>4</sub>	NO	YES
DO		GRAB	300	GLASS/PLASTIC	NO	NONE	NO	YES

### FIELD WATER QUALITY PARAMETERS

INSTRUMENT NO.	4	1	1	1	2	3	
METHOD	SPECIFIC COND (umhos/cm)	pH VALUE	REDOX mV	TEMP (°C)	DISSOLVED OXYGEN (mg/L)	TURBIDITY NTU	TIME
GRAB	298	8.17	-57.8	11.1	8.07	9.2	1140

#### NOTES:

INSTRUMENTS CALIBRATED PRIOR TO USE? YES  NO

#1) pH meter (pH, Redox, Temp) SN# 03140044

standards used 4 & 7 readings 4.01/7

#2) Dissolved Oxygen Meter SN# 4600 101.7

TIME: 0930

#3) Turbidimeter # 1

standard used 52.4 reading 54.6

#4) Conductivity Meter SN# 1562 1413/1420

3 VOA TRIP BLANKS TURNED IN WITH THIS SAMPLE? YES  NO

VTRP VTRP BUBBLES? YES  NO

QC BOTTLES TURNED IN? YES  NO

EQUIPMENT BLANK TURNED IN WITH THIS SAMPLE? YES  NO

SAMPLE IS TAKEN AT SURFACE WATER/ GROUNDWATER INTERFACE.

### CUSTODY RECORD:

PERSONNEL

S. Bilir

SIGNATURE

DATE / TIME

10/06/08 : 1140

TOTAL NUMBER OF BOTTLES THIS SET

N/A

# VASW-3 (45)

KING COUNTY  
SOLID WASTE DIVISION

Place label here

## VASHON-3 SURFACE WATER SAMPLING FIELD RECORD

used for new weirs SW-W4, SW-W5, SW-W6 and SW-W7

### FIELD SAMPLING DATA

Station: SW-W7

Date/Time: 01/06/2009

Weather: Rain, overcast, windy, 40's

Location Description: in stream  
~60 ft S of SW-W6

SAMPLE ID #

SAMPLE TYPE	DATE TIME	METHOD	VOLUME (ml)	CONTAINER TYPE	FIELD FILTERED	PH	RED	CED
					YES/NO			YES/NO
VOA		GRAB	6.4	green Slys	NO	7.1	NO	YES
TSS/TS		GRAB	1000	blue HDPE	NO	NONE	NO	YES
METALS		GRAB	1000	red HDPE	YES	HNO <sub>3</sub>	NO	YES
PHYS		GRAB	1000	blue HDPE	NO	NONE	NO	YES
COD/UNT		GRAB	500	yellow HDPE	NO	H <sub>2</sub> SO <sub>4</sub>	NO	YES
DO		GRAB	300	GLASS/PLASTIC	NO	NONE	NO	YES

### FIELD WATER QUALITY PARAMETERS

INSTRUMENT NO.	4	1	1	1	2	3	
METHOD	SPECIFIC COND (umhos/cm)	pH VALUE	REDOX mV	TEMP (°C)	DISSOLVED OXYGEN (mg/L)	TURBIDITY NTU	TIME
GRAB	270	8.07	-62.9	7.1	10.95	3.29	1200

#### NOTES:

INSTRUMENTS CALIBRATED PRIOR TO USE? YES  NO

#1) pH meter (pH, Redox, Temp) SN# 03140044

standards used 4 & 7 readings 85.3/7

#2) Dissolved Oxygen Meter SN# 4600 101.7

TIME: 1015

#3) Turbidimeter # 1

standard used 52.4 reading 55.1

#4) Conductivity Meter SN# 1562 1413/1458

3 VOA TRIP BLANKS TURNED IN WITH THIS SAMPLE? YES  NO

VTRP VTRP BUBBLES? YES  NO

QC BOTTLES TURNED IN? YES  NO

EQUIPMENT BLANK TURNED IN WITH THIS SAMPLE? YES  NO

SAMPLE IS TAKEN AT SURFACE WATER/ GROUNDWATER INTERFACE.

### CUSTODY RECORD:

PERSONNEL

S. Bilir

SIGNATURE

DATE / TIME

01/06/09 : 1205

TOTAL NUMBER OF BOTTLES THIS SET

N/A

# VASW-3 (45)

KING COUNTY  
SOLID WASTE DIVISION

Place label here

## VASHON-3 SURFACE WATER SAMPLING FIELD RECORD

used for new weirs SW-W4, SW-W5, SW-W6 and SW-W7

### FIELD SAMPLING DATA

Station: SW-W7  
 Date/Time: 03/24/2009 1325 Location Description: in stream  
 Weather: cool, overcast, windy -60 ft S of SW-W6

### SAMPLE ID #

SAMPLE TYPE	DATE TIME	METHOD	VOLUME (mL)	CONTAINER TYPE	FIELD FILTERED (YES/NO)	ICED (YES/NO)
VOA		GRAB	6.4	green HDPE	YES	YES
TSS/TS		GRAB	100	blue HDPE	NONE	YES
METALS		GRAB	500	red HDPE	YES	HNO <sub>3</sub> YES
PHYS		GRAB	500	blue HDPE	NO	NONE YES
COD/DO		GRAB	500	yellow HDPE	NO	H <sub>2</sub> SO <sub>4</sub> YES
DO		GRAB	300	GLASS/PLASTIC	NO	NONE YES

### FIELD WATER QUALITY PARAMETERS

INSTRUMENT NO.	METHOD	SPECIFIC COND (umhos/cm)	pH VALUE	REDOX (mV)	TEMP (°C)	DISSOLVED OXYGEN (mg/L)	TURBIDITY NTU	TIME
GRAB		227	8.02	-60.5	7.4	10.23	3.31	1325

### NOTES:

INSTRUMENTS CALIBRATED PRIOR TO USE? YES  NO  TIME: 1100  
 #1) pH meter (pH, Redox, Temp) SN# 03140044 #3) Turbidimeter # 1  
 standards used 4 & 7 readings -59.4 / 6 standard used 52.4 reading 55  
 #2) Dissolved Oxygen Meter SN# 4600 10.17 #4) Conductivity Meter SN# 1562 1413/1408

3 VOA TRIP BLANKS TURNED IN WITH THIS SAMPLE? YES  NO   
 VTRP VTRP BUBBLES? YES  NO  DATE: \_\_\_\_\_  
 QC BOTTLES TURNED IN? YES  NO   
 EQUIPMENT BLANK? YES  NO  SAMPLE LET YES  NO   
 SAMPLE TAKEN AT SURFACE WATER/ GROUNDWATER INTERFACE.

### CUSTODY RECORD:

PERSONNEL: S. Bilir SIGNATURE: [Signature] DATE/TIME: 3/24/2009 1325  
 TOTAL NUMBER OF BOTTLES THIS SET: NA

COPY

# VASW-3 (45)

KING COUNTY  
SOLID WASTE DIVISION

Place label here

## VASHON-3 SURFACE WATER FIELD RECORD

used for Weirs SW-W4 and SW-W7

### FIELD SAMPLING DATA

Station: SW-W7  
 Date/Time: 07/10/2009 1140 Location: -60 ft S of SW-W6  
 Weather: clear, warm 80°F

### SAMPLING DATA

SAMPLE ID #	DATE TIME	METHOD	VOLUME (mL)	CONTAINER TYPE	FIELD FILTERED (YES/NO)	ICED (YES/NO)
n/a		GRAB	1000	WM HDPE	NONE	YES
TSS		GRAB	500	WM HDPE	NONE	YES
COND/pH/ALK/TURB	07/	GRAB	500	WM HDPE	NONE	YES
TDS/TOTS		GRAB	500	WM HDPE	NONE	YES
NH <sub>3</sub> /NO <sub>2</sub>	2009	GRAB	500	WM HDPE	NONE	YES
CL/SO <sub>4</sub>		GRAB	500	WM HDPE	NONE	YES
WDO		GRAB	500	Acid Washed HDPE	NO	MnSO <sub>4</sub> / ATA NO
METALS, t		GRAB	500	Acid Washed HDPE	YES	NONE YES
METALS, d		GRAB	500	Acid Washed HDPE	YES	NONE YES
VOA		GRAB	500	GLASS	NO	HCl YES

### FIELD WATER QUALITY PARAMETERS

INSTRUMENT NO.	METHOD	SPEC COND (umhos/cm)	pH VALUE	REDOX (mV)	TEMP (°C)	DISSOLVED OXYGEN (mg/L)	TURBIDITY NTU	TIME
GRAB		325	7.92	-57.4	12.5	7.59	4.15	1140

### NOTES:

INSTRUMENTS CALIBRATED PRIOR TO USE? YES  NO  BUFFERS: 4, 7, 10  
 3 VTRPs TURNED IN? YES  NO  VTRP0907  
 BUBBLES? YES  NO  NO QC BOTTLES

### CUSTODY RECORD:

PERSONNEL: Sevin Bilir SIGNATURE: [Signature] DATE/TIME: 07/10/09 11:45  
 TOTAL NUMBER OF BOTTLES THIS SET: NA

COPY







# VASW-3 (45)

## VASHON-3 SURFACE WATER FIELD RECORD

FIELD SAMPLING DATA (used for Weirs SW-W4 and SW-W7)

Station: SW-W7  
Date/Time: 11/01/2010 12:10  
Weather: Rain, Windy, 50°F  
Location: in stream, - 60' E of SW-W6

SAMPLING DATA

SAMPLE ID #	DATE	METHOD	VOLUME (mL)	CONTAINER TYPE	FIELD FILTERED (YES/NO)	ICED (YES/NO)
TSS		GRAB	00L		NO	YES
COND/ALK/TURB		GRAB	00		NO	YES
TDS/TOTS	2010	GRAB			NONE	YES
NH/NO <sub>3</sub>					NONE	YES
CL/SO <sub>4</sub>					NONE	YES
ME				Acid Washed HDPE	NO	YES
ME				Acid Washed HDPE	YES	YES
VO			4.40	GLASS	NO	YES

No sample collected

FIELD WATER QUALITY PARAMETERS

INSTR. #	1562	03140044	03140044	SND	1	
SAMPLE	COND (µmhos/cm)	pH VALUE	TEMPERATURE (°C)	DISSOLVED OXYGEN (mg/L)	TURBIDITY NTU	TIME
1	136.3	6.5	11.0	10.87	69.1	12:00

TURBIDITY USED: 52.4  
METER READING: 50.7

NOTES:

INSTRUMENTS CALIBRATED PRIOR TO USE? YES  NO  BUFFERS: 4, 7, 10

3 VTRPs TURNED IN? YES  NO  VTRP1008 DATE:

BUBBLES? YES  NO  BUBBLE DIAMETERS: NO QC BOTTLES

CUSTODY RECORD:

PERSONNEL: SBUR  
SIGNATURE: [Signature]  
DATE/TIME: 11/01/2010 12:15

TOTAL NUMBER OF BOTTLES THIS SET: 11

# VAGW (12)

used for MW-30, -31, and -32 on West Hillslope

## VASHON GROUNDWATER SAMPLING FIELD RECORD

COPY

FIELD SAMPLING DATA

Well: VASHON30/APJ-048  
Casing Size: 2 inches  
Screened Intervals: 5.2-18.2' below top of casing (BTOC)  
Total Depth: 10.21' BTOC (marked)  
Pore Volume: PV=(BotScreenTD-DTW-HtW)x0.163  
Date/Time: 01/26/10 09:10  
Weather: overcast  
Location: West Hillslope  
Field Observations: Stick up = 1.24" ags  
 $10.2 - 5.76 = 4.44$  # of H<sub>2</sub>O = 0.73 g/pore Vol  $(0.73 \text{ g} * 3.78 \frac{\text{L}}{\text{g}}) \Rightarrow 2.7 \text{ L}$

HYDROLOGY MEASUREMENTS

DEPTH TO H<sub>2</sub>O (FT) ELEVATION TOP PVC TIME DATE METHOD USED  
5.76' BTOC n/a n/a 0930 01/26/10 WLRD sounder

WELL EVACUATION

GALLONS PORE VOLUMES METHOD USED DATE TIME  
~2.1 3 Peristaltic pump 01/26/10 1058

SAMPLE ID # WDV30100126 -

SAMPLE TYPE	DATE	METHOD	VOLUME (mL)	CONTAINER TYPE	DEPTH TAKEN (FEET)	FIELD FILTERED (YES/NO)	PRE-SERVA-TIVE	ICED
TSS	01/		✓1000	WM HDPE	10' BTOC	NO	NONE	YES
COND/ALK	2/10/		✓500	WM HDPE		NO	NONE	YES
TDS/TOTS	2010		✓500	WM HDPE		NO	NONE	YES
NH/NO <sub>3</sub>			✓250	WM HDPE		NO	NONE	YES
CL/SO <sub>4</sub>	1/15		✓125	WM HDPE		NO	NONE	YES
TOC			✓2,40	AMBER GLASS		NO	H <sub>2</sub> PO <sub>4</sub>	YES
METALS, d			✓500	Acid Washed HDPE		✓YES	NONE	YES
VOA			✓4,40	GLASS		NO	HCl	YES

LABEL THE DISSOLVED METALS BOTTLE "FIELD FILTERED" ✓

FIELD WATER QUALITY PARAMETERS

INSTR. #	1562	3140044	1562	WLRD sounder	CONTROLLER BOX SETTINGS
SAMPLE	COND (µmhos/cm)	pH VALUE	TEMP (DEG. C)	DEPTH TO WATER (feet)	KCSWD VASHON LF ID VTRP100126R
0	0	started pump	---	5.76	Date 01/26/2010
2.7/0.7	398	6.59	8.6	9.02	1003 Sampler SB
2.7/1.4	378	6.65	7.9	10.82	1024
2.7/2.1	370	6.72	8.5	10.82	1055 KCSWD VASHON LF ID WV30100126-
8.12/		BEGIN SAMPLE			Date 01/26/2010
		FINISH SAMPLE			Sampler SB

NOTES: INSTRUMENTS CALIBRATED TODAY PRIOR TO USE? YES  TIME: 0915 (47) BUFFERS:  
VTRPs TURNED IN? YES  NO  VTRP1001 26 R VTRP DATE 01/22/10  
VTRP BUBBLES? YES  NO  BUBBLE DIAMETERS: 3.0 3-4mm  
NO QC BOTTLES

CUSTODY RECORD:

PERSONNEL: SBUR  
SIGNATURE: [Signature]  
DATE/TIME: 01/26/10 11:45

Number of bottles in this set: 12+3

Time it took to sample well: 2:35 hrs



COPY

VAGW (12)

used for MW-30, -31, and -32 on West Hillslope

VASHON GROUNDWATER SAMPLING FIELD RECORD

FIELD SAMPLING DATA  
Well: VMW#30/APJ-049  
Casing Size: 2 inches  
Screened Interval: 5.2-10.2' below top of casing (BTOC)  
Total Depth: 10.21' BTOC (marked)  
Pore Volume: PV = (BotScrnTD - DTW = HtW) x 0.163  
Date/Time: 4/29/10 1130  
Weather: overcast & sunny 50-60  
Location: West Hillslope  
Field Observations:  
Stick up = 1.24" ags

$PV = (10.2 - 5.98) * 0.163 = 0.69 \text{ gal/pv} = 2.6 \text{ l/pv}$

HYDROLOGY MEASUREMENTS  
DEPTH TO H<sub>2</sub>O (FT) ELEVATION TOP PVC TIME DATE METHOD USED  
5.98 BTOC n/a n/a 1140 4/29/10 WLRD sounder

WELL EVACUATION  
GALLONS PORE VOLUMES METHOD USED DATE TIME  
~ 3.25 ~ 4.4 Penstaltic pump 4/29/10 1415

SAMPLE ID #	DATE	VOLUME (mL)	CONTAINER	DEPTH TAKEN (FEET)	FIELD FILTERED (YES, NO)	PRE-SERVA-TIVE (YES, NO)	ICED (YES, NO)
WV30100429	04/29/10	1000 (500)	WM HDPE	10 BTOC	NO	NONE	YES
TSS	04/29/10	500 (200)	WM HDPE	10 BTOC	NO	NONE	YES
COND/ALK	29/10	500 (300)	WM HDPE	10 BTOC	NO	NONE	YES
TDS/TOTS	2010	250 (100)	WM HDPE	10 BTOC	NO	NONE	YES
NH <sub>3</sub> /NO <sub>3</sub>	14:00	125 (100)	NM HDPE	10 BTOC	NO	NONE	YES
CL/SO <sub>4</sub>		2,40 (30)	AMBER GLASS	10 BTOC	NO	H <sub>2</sub> O	YES
TOC		500 (200)	id Washed HDPE	10 BTOC	YES	NONE	YES
METALS, d		1,40 (40)	GLASS	10 BTOC	NO	HCl	YES

LABEL THE DISSOLVED METALS BOTTLE "FIELD FILTERED"

FIELD WATER QUALITY PARAMETERS

INSTR. #	1562	3140044	1562	WLRD sounder	DEPTH TO WATER (feet)	TIME
mL	100%	10.1	100%	5.98	1200	1200
COND. (umhos/cm)	210	6.72	10.4			1209
pH	303	6.42	11.8			1215
TEMP. DEG. C	300	6.52	11.9			1220
	2130/5555	6.64	11.5			1255
	1860/7415	6.82	11.3			1325
	1000/8415	6.67	11.4			1340
						1400

VTRP100429

KCSWD VASHON

VW30100429  
KCSWD VASHON

NOTES: INSTRUMENTS CALIBRATED TODAY PRIOR TO USE? YES  NO   
VTRP'S TURNED IN? YES  NO  VTRP100429 VTRP DATE: 4/19/10  
VTRP BUBBLES? YES  NO  BUBBLE DIAMETERS: 3, 4, 5  
NO QC BOTTLES

CUSTODY RECORD:  
PERSONNEL: Bill R  
SIGNATURE: [Signature]  
DATE/TIME: 4/29/10 14:20  
Number of bottles in this set: 12 + 3  
Time it took to sample well: 3 hrs

VAGW (12) (used for MW-30, -31, and -32 on West Hillslope)

VASHON GROUNDWATER SAMPLING FIELD RECORD

FIELD SAMPLING DATA  
Well: VMW#30/APJ-049  
Casing Size: 2 inches  
Screened Interval: 5.2-10.2' below top of casing (BTOC)  
Total Depth: 10.21' BTOC (marked)  
Pore Volume: PV = (BotScrnTD - DTW = HtW) x 0.163  
Date/Time: 8/17/10 1045  
Weather: clear 80's  
Location: West Hillslope  
Field Observations:  
Stick up = 1.24" ags

$PV = (10.21 - 6.36) * 0.163 = 0.628 \text{ gal/pv} = 2.37 \text{ l/pv}$

HYDROLOGY MEASUREMENTS  
DEPTH TO H<sub>2</sub>O (FT) ELEVATION TOP PVC TIME DATE METHOD USED  
6.36 BTOC n/a n/a 11:00 8/17/10 WLRD sounder

WELL EVACUATION  
GALLONS PORE VOLUMES METHOD USED DATE TIME  
~ 2.2 ~ 3.5 Penstaltic pump 8/17/10 ~ 1400

SAMPLE ID # WV30100817

SAMPLE TYPE	DATE	VOLUME (mL)	CONTAINER	DEPTH TAKEN (FEET)	FIELD FILTERED (YES, NO)	PRE-SERVA-TIVE (YES, NO)	ICED (YES, NO)
TSS	8/17/10	1000 (500)	WM HDPE	10 BTOC	NO	NONE	YES
COND/ALK	17/10	500 (200)	WM HDPE	10 BTOC	NO	NONE	YES
TDS/TOTS	2010	500 (300)	WM HDPE	10 BTOC	NO	NONE	YES
NH <sub>3</sub> /NO <sub>3</sub>		250 (100)	WM HDPE	10 BTOC	NO	NONE	YES
CL/SO <sub>4</sub>	13:00	125 (100)	NM HDPE	10 BTOC	NO	NONE	YES
TOC		2,40 (30)	AMBER GLASS	10 BTOC	NO	H <sub>2</sub> O	YES
METALS, d		500 (200)	id Washed HDPE	10 BTOC	YES	NONE	YES
VOA		1,40 (40)	GLASS	10 BTOC	NO	HCl	YES

LABEL THE DISSOLVED METALS BOTTLE "FIELD FILTERED"

FIELD WATER QUALITY PARAMETERS

INSTR. #	1562	3140044	1562	WLRD sounder	DEPTH TO WATER (feet)	TIME
mL	100%	11.7	110%	6.36	1124	1124
COND. (umhos/cm)	2400	6.40	13.3			1138
pH	1000/9400	6.45	13.0			1145
TEMP. DEG. C	1610/5010	6.10	13.3			1235
	3200/8210	SAMPLE				1300

NOTES: INSTRUMENTS CALIBRATED TODAY PRIOR TO USE? YES  NO   
VTRP'S TURNED IN? YES  NO  VTRP100817 VTRP DATE: 8-16-10  
VTRP BUBBLES? YES  NO  BUBBLE DIAMETERS: N/A  
NO QC BOTTLES

CUSTODY RECORD:  
PERSONNEL: SKILR  
SIGNATURE: [Signature]  
DATE/TIME: 8/17/10  
Number of bottles in this set: 12 + 3 VTRP  
Time it took to sample well: 3.25

VAGW (12) (used for MW-30, -31, and -32 on West Hillslope)

VAGW (12)

COPY

VASHON GROUNDWATER SAMPLING FIELD RECORD

VASHON GROUNDWATER SAMPLING FIELD RECORD

FIELD SAMPLING DATA

FIELD SAMPLING DATA

Well: VMW30/APJ-049  
Casing Size: 2 inches  
Screened Interval: 5.2-10.2' below top of casing (BTOC)  
Total Depth: 10.21' BTOC (marked)  
Pore Volume: PV=(BotScrnTD-DTW-HtW)x0.163  
Date/Time: 11/09/2010 1400  
Weather: Fair, 48°F  
Location: West Hillslope  
Field Observations:  
Stick up = 1.24' ags

Well: VMW31/APJ-050  
Casing Size: 2 inches  
Screened Interval: 12.08-7.91' below top of casing (BTOC)  
Total Depth: 12.245' BTOC (marked)  
Pore Volume: PV=(BotScrnTD-DTW-HtW)x0.163  
Date/Time: 01/28/10 1240  
Weather: clear  
Location: West Hillslope  
Field Observations:  
Stick up: 25" e2.08' ags

$(10.21 - 7.78) \times 0.163 = 0.39 \text{ PV} = 1.5 \text{ PV}$

$(12.08 - 7.91) \times 0.163 = 0.68 \text{ gal} = 2.56 \text{ L}$

HYDROLOGY MEASUREMENTS

HYDROLOGY MEASUREMENTS

DEPTH TO H <sub>2</sub> O (FT)	ELEVATION	TOP PVC	TIME	DATE	METHOD USED
7.78	BTOC	n/a	1405	11/09/2010	WLRD sounder

DEPTH TO H <sub>2</sub> O (FT)	ELEVATION	TOP PVC	TIME	DATE	METHOD USED
7.91	BTOC	n/a	1300	01/28/10	WLRD sounder

WELL EVACUATION

WELL EVACUATION

GALLONS	PORE VOLUMES	METHOD USED	DATE	TIME
6.20 gals	~4.1	Peristaltic pump	11/09/2010	1030

GALLONS	PORE VOLUMES	METHOD USED	DATE	TIME
9.2 / 2.43	~3.6	Peristaltic pump	01/28/10	1655

SAMPLE ID # VMV30101109 -

SAMPLE ID # VMV31100128 -

SAMPLE TYPE	DATE	METHOD	VOLUME (mL)		CONTAINER TYPE	DEPTH TAKEN (FEET)	FIELD FILTERED (YES/NO)	PRE-SERVA-TIVE	ICED YES/NO
			Total	Min					
TSS	01/28/2010	peristaltic pump	✓ 1000	500	WM HDPE	12'	NO	NONE	YES
COND/ALK	01/28/2010	peristaltic pump	✓ 500	200	WM HDPE	BTOC	NO	NONE	YES
TDS/TOTS	01/28/2010	peristaltic pump	✓ 500	300	WM HDPE	BTOC	NO	NONE	YES
NH <sub>4</sub> /NO <sub>3</sub>	01/28/2010	peristaltic pump	✓ 250	100	WM HDPE	BTOC	NO	NONE	YES
CL/SO <sub>4</sub>	01/28/2010	peristaltic pump	✓ 125	100	WM HDPE	BTOC	NO	NONE	YES
TOC	01/28/2010	peristaltic pump	✓ 2.40	(30)	AMBER GLASS	BTOC	NO	H <sub>2</sub> PO <sub>4</sub>	YES
METALS, d	01/28/2010	peristaltic pump	✓ 500	200	id Washed HDPE	BTOC	✓ YES	NONE	YES
VOA	01/28/2010	peristaltic pump	✓ 4.40	(40)	GLASS	BTOC	NO	NCL	YES

SAMPLE TYPE	DATE	METHOD	VOLUME (mL)		CONTAINER TYPE	DRPTH TAKEN (FEET)	FIELD FILTERED (YES/NO)	PRE-SERVA-TIVE	ICED YES/NO
			Total	Min					
TSS	01/28/2010	peristaltic pump	✓ 1000	500	WM HDPE	12'	NO	NONE	YES
COND/ALK	01/28/2010	peristaltic pump	✓ 500	200	WM HDPE	BTOC	NO	NONE	YES
TDS/TOTS	01/28/2010	peristaltic pump	✓ 500	300	WM HDPE	BTOC	NO	NONE	YES
NH <sub>4</sub> /NO <sub>3</sub>	01/28/2010	peristaltic pump	✓ 250	100	WM HDPE	BTOC	NO	NONE	YES
CL/SO <sub>4</sub>	01/28/2010	peristaltic pump	✓ 125	100	WM HDPE	BTOC	NO	NONE	YES
TOC	01/28/2010	peristaltic pump	✓ 2.40	(30)	AMBER GLASS	BTOC	NO	H <sub>2</sub> PO <sub>4</sub>	YES
METALS, d	01/28/2010	peristaltic pump	✓ 500	200	Acid Washed HDPE	BTOC	✓ YES	NONE	YES
VOA	01/28/2010	peristaltic pump	✓ 4.40	(40)	GLASS	BTOC	NO	NCL	YES

✓ LABEL THE DISSOLVED METALS BOTTLE "FIELD FILTERED"

FIELD WATER QUALITY PARAMETERS

FIELD WATER QUALITY PARAMETERS

INSTR. #	1562	3140044	1562	WLRD sounder	CONTROL BOX
ml	SPCC COND.	DH VALUE	TEMP DEG. C	DEPTH TO WATER (feet)	TIME
2010	0	312	11.0	7.78	1401
11/8	0	312	11.0	-	1403
500/500	0.3	312	11.0	-	1407
1000/1500	1	312	11.0	-	1411
1000/2500	1.7	306	11.0	dry	1415
500/3000	2	307	11.0	dry	1415
11/9	SAMPLE				0920

INSTR. #	1562	3140044	1562	WLRD sounder	CONTROL BOX
liters	SPCC COND.	pH VALDE	TEMP DEG. C	DEPTH TO WATER (feet)	TIME
0	0	--	--	7.91	1305
25	215	6.45	9.3	11.5	1315
25	233	7.02	9.3	dry	1404
1.5	245	7.0	9.0	dry	1455
	BEGIN SAMPLE				1515
2.7	FINISH SAMPLE			dry	1700

NOTES: INSTRUMENTS CALIBRATED TODAY PRIOR TO USE? YES  NO  TIME: 1400 BUFFERS: (4,7) 10  
VTRP'S TURNED IN? YES  NO  VTRP1008 VTRP DATE: 11/09/2010  
VTRP BUBBLES? YES  NO  BUBBLE DIAMETERS:  
NO QC BOTTLES

NOTES: INSTRUMENTS CALIBRATED TODAY PRIOR TO USE? YES  NO  TIME: 1250 BUFFERS: (4,7) 10  
VTRP'S TURNED IN? YES  NO  VTRP1001 281 VTRP DATE: 01/28/10  
VTRP BUBBLES? YES  NO  BUBBLE DIAMETERS:  
NO QC BOTTLES

CUSTODY RECORD:

CUSTODY RECORD:

PERSONNEL: BLIK  
SIGNATURE: [Signature]  
DATE/TIME: 11/09/2010 1420  
Number of bottles in this set: 12 ✓  
Time it took to sample well: 1030  
~1.5hr

PERSONNEL: BLIK  
SIGNATURE: [Signature]  
DATE/TIME: 01/28/10 1730  
Number of bottles in this set: 12 + 3  
Time it took to sample well: ~5hrs





KING COUNTY  
SOLID WASTE DIVISION

VAGW (12) (used for MW-30, -31, and -32 on West Hillslope)

VASHON GROUNDWATER SAMPLING FIELD RECORD

FIELD SAMPLING DATA

Well: VMW31/APJ-050  
Casing Size: 2 inches  
Screened Interval: 7.08-12.04' below top of casing (BTOC)  
Total Depth: 12.275' BTOC (marked)  
Pore Volume: PV = (BotScreenTD - DTH - HCM) x 0.163  
Date/Time: 11/8/2010 11:15  
Weather: 40°F, Partly cloudy  
Location: West Hillslope  
Field Observations:  
Stick up = 25" = 2.08' agg

$(12.275 - 7.78) \times 0.163 = 7.32 \text{ gal} / PV = 2.76 \text{ L} / PV$

HYDROLOGY MEASUREMENTS

DEPTH TO H<sub>2</sub>O (FT) ELEVATION TOP PVC TIME DATE METHOD USED  
7.78 BTOC n/a n/a 11:20 11/8/2010 WLRD sounder

WELL EVACUATION

GALLONS PORE VOLUMES METHOD USED DATE TIME  
-9000 mL 3.2 Peristaltic pump 11/8/2010 1:50

SAMPLE ID # WV311011 08 -

SAMPLE TYPE	DATE TIME	METHOD	VOLUME (mL) TOTAL	CONTAINER TYPE	DEPTH TAKEN (FEET)	FIELD FILTERED (YES/NO)	PRE-SERVA-TIVE	ICED YES/NO
TSS	11/8/2010	12.40	1000	500	500	NO	NONE	YES
COND/ALK	2010		500	200	300	NO	NONE	YES
TDS/TOTS			500	300	200	NO	NONE	YES
NH <sub>4</sub> /NO <sub>3</sub>			250	100	150	NO	NONE	YES
CL/SO <sub>4</sub>			125	100	25	NO	NONE	YES
TOC			2.40	(30)		NO	NONE	YES
METALS, d			500	200	300	YES	NONE	YES
VOA			4.40	(40)		NO	NCl	YES

LABEL THE DISSOLVED METALS BOTTLE "FIELD FILTERED"

CONTROL BOX

FIELD WATER QUALITY PARAMETERS

INSTR. #	1562	3140044	1562	WLRD sounder	KCSWD VASHON LF
mL	um. mL	PORE VOLUMES	SPEC. COND. (umhos/cm)	pH VALUE	TEMP DEG. C
0	0	0	318	6.7	11.3

INSTR. #	1562	3140044	1562	WLRD sounder	KCSWD VASHON LF
1000/1000	0.36	318	6.7	11.3	11:30
1500/2500	0.9	279	6.75	11.3	11:38
1700/4200	1.5	279	6.74	11.4	11:45
1750/5500	2	283	6.86	11.2	12:25
550/6100	2.2	312	6.84	11.3	12:35

SAMPLE

NOTES: INSTRUMENTS CALIBRATED TODAY PRIOR TO USE? YES  NO  TIME: BUFFERS: (4, 7) 10  
VTRP TURNED ON? YES  NO  VTRP DATE: 11-01-2010  
VTRP BUBBLES? YES  NO  BUBBLE DIAMETERS:

CUSTODY RECORD:

PERSONNEL: Billie  
SIGNATURE: [Signature]  
DATE/TIME: 11/8/2010 1:50  
Number of bottles in this set: 12 + 3  
Time it took to sample well: ~2.4 hrs

KING COUNTY  
SOLID WASTE DIVISION

VAGW (12)

used for MW-30, -31, and -32 on West Hillslope

VASHON GROUNDWATER SAMPLING FIELD RECORD

FIELD SAMPLING DATA

Well: VMW32/APJ-048  
Casing Size: 2 inches  
Screened Interval: 22.22-22.22' below top of casing (BTOC)  
Total Depth: 22.72' BTOC (marked)  
Pore Volume: PV = (BotScreenTD - DTH - HCM) x 0.163  
Date/Time: 02/11/10 10:30  
Weather: overcast, rain  
Location: West Hillslope  
Field Observations:  
Stick up = 21.5" = 1.95' agg

$(22.72 - 21.79) = 0.43 \times 0.163 = 0.07 \text{ gal} = 0.26 \text{ L} \text{ gc} = \text{vocal platform}$

HYDROLOGY MEASUREMENTS

DEPTH TO H<sub>2</sub>O (FT) ELEVATION TOP PVC TIME DATE METHOD USED  
21.79 BTOC n/a n/a 10:32 02/11/10 WLRD sounder

WELL EVACUATION

GALLONS PORE VOLUMES METHOD USED DATE TIME  
N/A Peristaltic pump

SAMPLE ID # WV311001

SAMPLE TYPE	DATE TIME	METHOD	VOLUME (mL)	CONTAINER TYPE	DEPTH TAKEN (FEET)	FIELD FILTERED (YES/NO)	PRE-SERVA-TIVE	ICED YES/NO
TSS	01/2010		700	500	200	NO	NONE	YES
COND/ALK			500	200	300	NO	NONE	YES
TDS/TOTS			500	300	200	NO	NONE	YES
NH <sub>4</sub> /NO <sub>3</sub>			250	100	150	NO	NONE	YES
CL/SO <sub>4</sub>			125	100	25	NO	NONE	YES
TOC			2.40	(30)		NO	NONE	YES
METALS, d			500	200	300	YES	NONE	YES
VOA			4.40	(40)		NO	NCl	YES

FIELD WATER QUALITY PARAMETERS

INSTR. #	1562	3140044	1562	WLRD sounder	KCSWD VASHON LF
liters	um. mL	PORE VOLUMES	SPEC. COND. (umhos/cm)	pH VALUE	TEMP DEG. C
0	0	0			

NOTES: INSTRUMENTS CALIBRATED TODAY PRIOR TO USE? YES  NO  TIME: BUFFERS: 4, 7, 10  
VTRP TURNED ON? YES  NO  VTRP DATE:  
VTRP BUBBLES? YES  NO  BUBBLE DIAMETERS:

CUSTODY RECORD:

PERSONNEL: [Signature]  
SIGNATURE: [Signature]  
DATE/TIME: 02/11/10 10:35  
Number of bottles in this set: N/A  
Time it took to sample well: N/A

COPY





VAGW (12)

used for MW-30, -31, and -32 on West Hillslope

VASHON GROUNDWATER SAMPLING FIELD RECORD

FIELD SAMPLING DATA

Well: VMW#32/APJ-048  
Casing Size: 2 inches  
Screened Interval: 12.22-22.22' below top of casing (BTOC)  
Total Depth: 22.22' BTOC (marked)  
Pore Volume: PV = (BotScrntD-DTW-HCW) x 0.163  
Date/Time: 4/29/10 1045  
Weather: 100% cloudy, 50°F  
Location: West Hillslope  
Field Observations: Stick up=23.5"=1.95' ags

HYDROLOGY MEASUREMENTS

DEPTH TO H<sub>2</sub>O (FT) ELEVATION TOP PVC TIME DATE METHOD USED  
21.82 BTOC n/a n/a 1045 4/29/10 WLRD sounder

WELL EVACUATION

GALLONS PORE VOLUMES METHOD USED DATE TIME  
0.2 ~ 2.4 Peristaltic pump 4/29/10 1455

SAMPLE ID # WV321004 29-1

SAMPLE TYPE	DATE TIME	METHOD	VOLUME (mL) Total Min	CONTAINER TYPE	DEPTH TAKEN (FEET)	FIELD FILTERED (YES/NO)	PRE-SERVA-TIVE (YES/NO)	ICED YES/NO
TSS	04/29/10	Peristaltic pump	1000(500)	WM HDPE	22	NO	NONE	YES
COND/ALK	29/10	Peristaltic pump	500(200)	WM HDPE	BTOC	NO	NONE	YES
TDS/TOTS	2010	Peristaltic pump	500(200)	WM HDPE	BTOC	NO	NONE	YES
NH <sub>4</sub> /NO <sub>3</sub>	14:55	Peristaltic pump	250(100)	WM HDPE	BTOC	NO	NONE	YES
CL/SO <sub>4</sub>	14:55	Peristaltic pump	125(100)	WM HDPE	BTOC	NO	NONE	YES
TC		Peristaltic pump	40(30)	AMBER GLASS	BTOC	NO	H <sub>3</sub> PO <sub>4</sub>	YES
METALS, d		Peristaltic pump	500(200)	id Washed HDPE	BTOC	YES	NONE	YES
VOA		Peristaltic pump	4(4, 40)	GLASS	BTOC	NO	HCl	YES

LABEL THE DISSOLVED METALS BOTTLE FIELD FILTERED

FIELD WATER QUALITY PARAMETERS

INSTR. #	1562	3140044	1562	WLRD sounder	CONTROL BOX SETTINGS
mL	10% SPEC	20.1	<10%	DEPTH TO WATER (feet)	Discharge
COND. (umhos/cm)	DH VALUE	TEMP DEG. C	TEMP DEG. C	TIME	Refill =
0	started pump	--	--	21.81 1045	Pressure =
225/225	0.9	4.31	10.3	dry 1100	Volume (pos) =
100/325	1.3	4.69	11.8	dry 1155	neg = per pump stroke (mL)
100/425	1.7	4.43	12.6	dry 1235	
123/550	2.2	SAMPLE		dry 1350	
100/650	2.6	SAMPLE		dry 1455	

NOTES: INSTRUMENTS CALIBRATED TODAY PRIOR TO USE? YES  NO  TIME 1045 BUFFERS: (4, 7) 10  
VTRPs TURNED IN? YES  NO  VTRP1004 VTRP DATE

NO QC BOTTLES

CUSTODY RECORD:

PERSONNEL: JBLIR SIGNATURE: [Signature] DATE/TIME: 4/29/10 1300  
Number of bottles in this set: X 5  
Time it took to sample well: 4.5 hrs

part 1/2  
COPY

VAGW (12)

used for MW-30, -31, and -32 on West Hillslope

VASHON GROUNDWATER SAMPLING FIELD RECORD

FIELD SAMPLING DATA

Well: VMW#32/APJ-048  
Casing Size: 2 inches  
Screened Interval: 12.22-22.22' below top of casing (BTOC)  
Total Depth: 22.22' BTOC (marked)  
Pore Volume: PV = (BotScrntD-DTW-HCW) x 0.163  
Date/Time: 4/30/10 0950  
Weather: Overcast 50°F  
Location: West Hillslope  
Field Observations: Stick up=23.5"=1.95' ags

HYDROLOGY MEASUREMENTS

DEPTH TO H<sub>2</sub>O (FT) ELEVATION TOP PVC TIME DATE METHOD USED  
21.82 BTOC n/a n/a 0955 4/30/10 WLRD sounder

WELL EVACUATION

GALLONS PORE VOLUMES METHOD USED DATE TIME  
0.3 ~ 4.3 Peristaltic pump 04/30/10 1320

SAMPLE ID # WV321004 29-2

Total

SAMPLE TYPE	DATE TIME	METHOD	VOLUME (mL) Total Min	CONTAINER TYPE	DEPTH TAKEN (FEET)	FIELD FILTERED (YES/NO)	PRE-SERVA-TIVE (YES/NO)	ICED YES/NO
TSS	04/29/10	Peristaltic pump	1000(500)	WM HDPE	22	NO	NONE	YES
COND/ALK	29/10	Peristaltic pump	500(200)	WM HDPE	BTOC	NO	NONE	YES
TDS/TOTS	2010	Peristaltic pump	500(200)	WM HDPE	BTOC	NO	NONE	YES
NH <sub>4</sub> /NO <sub>3</sub>	12:00	Peristaltic pump	250(100)	WM HDPE	BTOC	NO	NONE	YES
CL/SO <sub>4</sub>	12:00	Peristaltic pump	125(100)	WM HDPE	BTOC	NO	NONE	YES
TC		Peristaltic pump	40(30)	AMBER GLASS	BTOC	NO	H <sub>3</sub> PO <sub>4</sub>	YES
METALS, d		Peristaltic pump	500(200)	id Washed HDPE	BTOC	YES	NONE	YES
VOA		Peristaltic pump	4(4, 40)	GLASS	BTOC	NO	HCl	YES

LABEL THE DISSOLVED METALS BOTTLE FIELD FILTERED

FIELD WATER QUALITY PARAMETERS

INSTR. #	1562	3140044	1562	WLRD sounder	CONTROL BOX SETTINGS
mL	10% SPEC	20.1	<10%	DEPTH TO WATER (feet)	Discharge
COND. (umhos/cm)	DH VALUE	TEMP DEG. C	TEMP DEG. C	TIME	Refill =
0	started pump	--	--	21.82 0955	Pressure =
150/260	0.6	4.76	10.0	dry 1005	Volume (pos) =
100/360	1.3	4.63	11.0	dry 1105	neg = per pump stroke (mL)
100/460	1.7	4.43	12.0	dry 1135	
80/480	1.9	SAMPLE		dry 1230	
95/675	2.3	SAMPLE		dry 1320	

NOTES: INSTRUMENTS CALIBRATED TODAY PRIOR TO USE? YES  NO  TIME 0955 BUFFERS: (4, 7) 10  
VTRPs TURNED IN? YES  NO  VTRP1004 VTRP DATE

NO QC BOTTLES

CUSTODY RECORD:

PERSONNEL: BLIR SIGNATURE: [Signature] DATE/TIME: 4/30/10  
Number of bottles in this set: X 2  
Time it took to sample well:

part 2/2  
COPY

WV32100429-2  
KESWA  
Vashon



KING COUNTY  
SOLID WASTE DIVISION

VAGW (12) (used for MW-30, -31, and -32 on West Hillslope)

VASHON GROUNDWATER SAMPLING FIELD RECORD

FIELD SAMPLING DATA

Well: VMW#32 / APJ-048 Date/Time: 8/7/10 1030  
 Casing Size: 2 inches Weather: clear, 80s  
 Screened Interval: 12.22 - 22.22' below top of casing (BTOC) Location: West Hillslope  
 Total Depth: 22.22' BTOC (marked) Field Observations: Stick up=23.5'+1.95' agg  
 Pore Volume: PV=(BotScrTD-DTW=HCW)x0.163

HYDROLOGY MEASUREMENTS

DEPTH TO H<sub>2</sub>O (FT) ELEVATION TOP PVC TIME DATE METHOD USED  
 tip meter n/a n/a 1030 8/7/10 WLRD sounder

WELL EVACUATION

GALLONS PORE VOLUMES METHOD USED DATE TIME  
 Peristaltic pump 8/7/10

SAMPLE ID #	DATE	METHOD	VOLUME (mL)	CONTAINER TYPE	DEPTH TAKEN (FEET)	FIELD FILTERED (YES/NO)	PRE-SERVA-TIVE	ICBD YES/NO
WV321008	8/7/10	Peristaltic pump	500(200)	WM HDPE	N/A	NO	NONE	YES
TSS			1000(500)	WM HDPE		NO	NONE	YES
COND/ALK			500(200)	WM HDPE		NO	NONE	YES
TDS/TOTS	2010		500(300)	WM HDPE		NO	NONE	YES
NH <sub>4</sub> /NO <sub>3</sub>			250(100)	WM HDPE		NO	NONE	YES
CL/SO <sub>4</sub>			125(100)	WM HDPE		NO	NONE	YES
TOC			2,40(30)	AMBER GLASS		NO	H <sub>2</sub> PO <sub>4</sub>	YES
METALS, d			500(200)	id Washed HDPE		YES	NONE	YES
VOA			4,40(40)	GLASS		NO	HCL	YES

LABEL THE DISSOLVED METALS BOTTLE "FIELD FILTERED"

FIELD WATER QUALITY PARAMETERS

INSTR. #	1562	3140044	1562	WLRD sounder
mL				DEPTH TO WATER (feet)
0	0	started pump		TIME
N/A				
KCSWD VASHON LF ID WV321008				
Date 08/07/2010				
Sampler SB				
KCSWD VASHON LF ID WV321008				
Date 08/07/2010				
Sampler SB				
KCSWD VASHON LF ID WV321008				
Date 08/07/2010				
Sampler SB				

NOTES: INSTRUMENTS CALIBRATED TODAY PRIOR TO USE? YES  NO  TIME: BUFFERS: 4.7, 10  
 VTRP'S TURNED IN? YES  NO  VTRP1008 VTRP DATE: 8/7/10  
 VTRP BUBBLES? YES  NO  BUBBLE DIAMETERS: A  
 NO QC BOTTLES

CUSTODY RECORD:

PERSONNEL: Blurk SIGNATURE: [Signature] DATE / TIME: 8/7/10 1040  
 Number of bottles in this set: 0 Time it took to sample well: N/A

KING COUNTY  
SOLID WASTE DIVISION

part 1/3

VAGW (12) (used for MW-30, -31, and -32 on West Hillslope)

VASHON GROUNDWATER SAMPLING FIELD RECORD

FIELD SAMPLING DATA

Well: VMW#32 / APJ-048 Date/Time: 11-8-2010 1050  
 Casing Size: 2 inches Weather: 10°F, Partly cloudy  
 Screened Interval: 12.22 - 22.22' below top of casing (BTOC) Location: West Hillslope  
 Total Depth: 22.22' BTOC (marked) Field Observations: Stick up=23.5'+1.95' agg  
 Pore Volume: PV=(BotScrTD-DTW=HCW)x0.163

$(22.22 - 21.95) \times 1.63 = 0.04 \text{ BTOC} / \text{PV} = 0.15 \text{ BTOC} / \text{PV} = 150 \text{ mL} / \text{PV}$

HYDROLOGY MEASUREMENTS

DEPTH TO H<sub>2</sub>O (FT) ELEVATION TOP PVC TIME DATE METHOD USED  
 21.95 BTOC n/a n/a 1100 11/8/2010 WLRD sounder

WELL EVACUATION

GALLONS PORE VOLUMES METHOD USED DATE TIME  
 425 mL 2.8 Peristaltic pump 11/8/2010 1355

SAMPLE ID #	DATE	METHOD	VOLUME (mL)	CONTAINER TYPE	DEPTH TAKEN (FEET)	FIELD FILTERED (YES/NO)	PRE-SERVA-TIVE	ICBD YES/NO
WV32101108 - 1	11/8/2010	Peristaltic pump	500(200)	WM HDPE	22 BTOC	NO	NONE	YES
TSS			1000(500)	WM HDPE		NO	NONE	YES
COND/ALK			500(200)	WM HDPE		NO	NONE	YES
TDS/TOTS	2010		500(300)	WM HDPE		NO	NONE	YES
NH <sub>4</sub> /NO <sub>3</sub>			250(100)	WM HDPE		NO	NONE	YES
CL/SO <sub>4</sub>	13:00		125(100)	WM HDPE OK		NO	NONE	YES
TOC			2,40(30)	AMBER GLASS		NO	H <sub>2</sub> PO <sub>4</sub>	YES
METALS, d			500(200)	id Washed HDPE		YES	NONE	YES
VOA			4,40(40)	GLASS		NO	HCL	YES

LABEL THE DISSOLVED METALS BOTTLE "FIELD FILTERED"

FIELD WATER QUALITY PARAMETERS

INSTR. #	1562	3140044	1562	WLRD sounder
mL				DEPTH TO WATER (feet)
0	0	started pump		TIME
11/8 160/160	1.1	487	10.65	11:08
100/200	1.7	444	7.53	11:50
11/8 SAMPLE				12:45
KCSWD VASHON LF ID WV32101108 - 1				
Date 11/08/2010				
Sampler SB				

NOTES: INSTRUMENTS CALIBRATED TODAY PRIOR TO USE? YES  NO  TIME: BUFFERS: 4.7, 10  
 VTRP'S TURNED IN? YES  NO  VTRP1008 VTRP DATE: 11/8/2010  
 VTRP BUBBLES? YES  NO  BUBBLE DIAMETERS:  
 NO QC BOTTLES

CUSTODY RECORD:

PERSONNEL: Blurk SIGNATURE: [Signature] DATE / TIME: 11/08/2010 1355  
 Number of bottles in this set: 12 Time it took to sample well: 3hrs

part 2/3

**VAGW (12)** (used for MW-30, -31, and -32 on West Hillslope)  
**VASHON GROUNDWATER SAMPLING FIELD RECORD**

**FIELD SAMPLING DATA**

Well: VMW32 / APJ-048  
Casing Size: 2 inches  
Screened Interval: 12.22 - 22.22' below top of casing (BTOC)  
Total Depth: 22.22' BTOC (marked)  
Pore Volume: PV = (BotScrnTD - DTN - Hch) x 0.163

Date/Time: 11/9/2010 1030  
Weather: Rain, Overcast, 40°F  
Location: West Hillslope  
Field Observations:  
Stick up = 23.5" = 1.95' agg

SEE PART 1  
**HYDROLOGY MEASUREMENTS**

DEPTH TO H <sub>2</sub> O (FT)	ELEVATION	TOP PVC	TIME	DATE	METHOD USED
n/a	n/a	n/a			WLRD sounder

**Total WELL EVACUATION**

GALLONS	PORE VOLUMES	METHOD USED	DATE	TIME
855 ml	5.7	Peristaltic pump	11/9/2010	1400

SAMPLE ID # WV32101108-2

SAMPLE TYPE	DATE	TIME	METHOD	VOLUME (mL)	CONTAINER TYPE	DEPTH TAKEN (FEET)	FIELD FILTERED (YES/NO)	PRE-SERVA-TIVE	ICED
TDS	11/9/2010	0915	2" Peristaltic Pump	500 (300)	WM HDPE	22 BTOC	NO	NONE	YES
COND/ALK	2010	1400	2" Peristaltic Pump	500 (300)	WM HDPE	22 BTOC	NO	NONE	YES
TDS/TOTS	2010	1400	2" Peristaltic Pump	250 (100)	WM HDPE	22 BTOC	NO	NONE	YES
NH <sub>3</sub> /NO <sub>3</sub>	2010	1400	2" Peristaltic Pump	125 (100)	WM HDPE	22 BTOC	NO	NONE	YES
Cl <sup>-</sup> /SO <sub>4</sub> <sup>2-</sup>	2010	1400	2" Peristaltic Pump	2,40 (20)	AMBER GLASS	22 BTOC	NO	H <sub>2</sub> PO <sub>4</sub>	YES
TOC	2010	1400	2" Peristaltic Pump	500 (200)	Id Washed HDPE	22 BTOC	NO	NONE	YES
METALS, d	2010	1400	2" Peristaltic Pump	4,40 (40)	GLASS	22 BTOC	NO	HCl	YES
VOA	2010	1400	2" Peristaltic Pump	4,40 (40)	GLASS	22 BTOC	NO	HCl	YES

LABEL THE DISSOLVED METALS BOTTLE "FIELD FILTERED"

**FIELD WATER QUALITY PARAMETERS**

INSTR. #	1562	3140044	1562	WLRD sounder	CONTROL BOX
mL	0	0	0	DEPTH TO WATER (feet)	KCSWD VASHON LF ID VTRP101109T
cup. mL	0	0	0	TIME	Sampler SB
PORE VOLUMES	0	0	0	11/9/2010 1100	
SPEC. COND. (umhos/cm)	0	0	0	11/9/2010 1300	
pH VALUE	0	0	0		
TEMP DEG. C	0	0	0		

KCSWD VASHON LF  
ID WV32101108-2  
Date 11/09/2010  
Sampler SB

NOTES: INSTRUMENTS CALIBRATED TODAY PRIOR TO USE? YES  NO  TIME: BUFFERS: 4, 7, 10  
VTRPs TURNED IN? YES  NO  VTRP DATE: 11-1-2010  
VTRP BUBBLES? YES  NO  BUBBLE DIAMETERS: 3mm

**CUSTODY RECORD:**

PERSONNEL: BLUR  
SIGNATURE: [Signature]  
DATE / TIME: 11/9/2010 1420  
Number of bottles in this set: 4  
Time it took to sample well: 4 hrs (total = 7 hrs) 30 FAR

part 3/3

**VAGW (12)** (used for MW-30, -31, and -32 on West Hillslope)  
**VASHON GROUNDWATER SAMPLING FIELD RECORD**

**FIELD SAMPLING DATA**

Well: VMW32 / APJ-048  
Casing Size: 2 inches  
Screened Interval: 12.22 - 22.22' below top of casing (BTOC)  
Total Depth: 22.22' BTOC (marked)  
Pore Volume: PV = (BotScrnTD - DTN - Hch) x 0.163

Date/Time: 11/16/2010 1030  
Weather: Partly Cloudy, 50°F  
Location: West Hillslope  
Field Observations:  
Stick up = 23.5" = 1.95' agg

SEE PART 1  
**HYDROLOGY MEASUREMENTS**

DEPTH TO H <sub>2</sub> O (FT)	ELEVATION	TOP PVC	TIME	DATE	METHOD USED
n/a	n/a	n/a			WLRD sounder

**WELL EVACUATION**

GALLONS	PORE VOLUMES	METHOD USED	DATE	TIME
855 ml	5.7	Peristaltic pump	11/16/2010	1230

SAMPLE ID # WV32101108-3

SAMPLE TYPE	DATE	TIME	METHOD	VOLUME (mL)	CONTAINER TYPE	DEPTH TAKEN (FEET)	FIELD FILTERED (YES/NO)	PRE-SERVA-TIVE	ICED
TDS	11/16/2010	1030	2" Peristaltic Pump	500 (300)	WM HDPE	22 BTOC	NO	NONE	YES
COND/ALK	2010	1030	2" Peristaltic Pump	500 (300)	WM HDPE	22 BTOC	NO	NONE	YES
TDS/TOTS	2010	1030	2" Peristaltic Pump	250 (100)	WM HDPE	22 BTOC	NO	NONE	YES
NH <sub>3</sub> /NO <sub>3</sub>	2010	1030	2" Peristaltic Pump	125 (100)	WM HDPE	22 BTOC	NO	NONE	YES
Cl <sup>-</sup> /SO <sub>4</sub> <sup>2-</sup>	2010	1030	2" Peristaltic Pump	2,40 (20)	AMBER GLASS	22 BTOC	NO	H <sub>2</sub> PO <sub>4</sub>	YES
TOC	2010	1030	2" Peristaltic Pump	500 (200)	Id Washed HDPE	22 BTOC	NO	NONE	YES
METALS, d	2010	1030	2" Peristaltic Pump	4,40 (40)	GLASS	22 BTOC	NO	HCl	YES
VOA	2010	1030	2" Peristaltic Pump	4,40 (40)	GLASS	22 BTOC	NO	HCl	YES

LABEL THE DISSOLVED METALS BOTTLE "FIELD FILTERED"

**FIELD WATER QUALITY PARAMETERS**

INSTR. #	1562	3140044	1562	WLRD sounder	CONTROL BOX
mL	0	0	0	DEPTH TO WATER (feet)	KCSWD VASHON LF ID WV32101108-3
cup. mL	0	0	0	TIME	Sampler SB
PORE VOLUMES	0	0	0	11/16/2010 1030	
SPEC. COND. (umhos/cm)	0	0	0	11/16/2010 1056	
pH VALUE	0	0	0		
TEMP DEG. C	0	0	0		

KCSWD VASHON LF  
ID WV32101108-3  
Date 11/16/2010  
Sampler SB

NOTES: INSTRUMENTS CALIBRATED TODAY PRIOR TO USE? YES  NO  TIME: BUFFERS: 4, 7, 10  
VTRPs TURNED IN? YES  NO  VTRP DATE: 11-1-2010  
VTRP BUBBLES? YES  NO  BUBBLE DIAMETERS: 3mm

**CUSTODY RECORD:**

PERSONNEL: BLUR  
SIGNATURE: [Signature]  
DATE / TIME: 11/16/2010 1240  
Number of bottles in this set: 2  
Time it took to sample well: 2 (total = 9 hrs) 30 FAR