APPENDIX C. SAMPLING CONDITION SUMMARIES

Dry Baseflow Sampling Event (DB1) - August 28, 2017

Criteria		Actuals										
Precipitation – Successfully targeted 3-day antecedent period without measurable rainfall	0 inches	0 inches of rainfall fell at the Hamm Creek gauge during the three-day antecedent period.										
Dam discharge rate – Successfully targeted dry season average conditions (e.g., 200-600). Daily average on day of sampling was 325 cfs.	Discharge, cubic feet per second, [(2)] 000 252 269 269 269 269 269 269 269 269 269 26		Rug 23 2017	900 GRE	Aug 25 2017	Aug 26 2817	Aug 27 2817	Aug 28 2017	Aug 29 2017			
Tides and Sample Timing – Sampling window was somewhat delayed relative to target sampling times due to boat software issues (impacting both for the GPS system and YSI meter). Samples were collected as close to the high tide period as possible, and tides remained relatively high during the sampling window.		12:00 AM 8/28	03:00 Al 8/28	1.76 M	06:00 AM 8/28	09:00 A 8/28	sal (11)	Approximate mpling wind 0:30a = 3:30	ow			
Tide Type – Spring vs. neap			ected duri			aning that	the nex	t dry basef	low event (DB2			

Grab collection times were as follows (overall sampling window from 10:30 am to 3:30 pm on August 28):

		G	irab 1	G	rab 2	G	irab 3	G	rab 4
Location	Sampling Depth	Time	Bottom Depth (m)						
SW1	near-surface	1128	12.0	1229	nr	1334	nr	1438	nr
3001	near-bottom	1045	13.2	1157	13.1	1305	12.9	1405	12.8
	near-surface	1138	9.7	1240	9.6	1359	9.1	1524	8.8
SW2	near-bottom	1029/ 1110	9.5/9.7	1155/ 1216	9.7	1301/ 1324	9.5/9.3	1439/ 1459	9.0
SW3	mid-depth	1157	4.5	1303	4.2	1403	4.1	1506	4.0

Note: SW1, SW2, and SW3 are located at RM 0.75, 3.3, and 10, respectively.

The planned start time for this sampling event was delayed because of an issue with the navigation software on one of the two sampling boats, which resulted in the collection of the first surface grab samples at SW1 and SW2 just after the high tide. Sampling at SW2 was further delayed by a malfunction of the boat's A-frame, meaning that it was necessary to manually deploy the Niskin bottle sampler for the third and fourth grab samples.

Storm Sampling Event without Significant Dam Release (ST1) – September 19, 2017

Criteria Actuals / Sampling Notes Rainfall forecast information is from the NWS (green bars indicate probability of rainfall). The forecast shown below (from 3 pm on Sunday, September 17), indicated a moderate spike in precipitation on Monday, September 18, and heavier rainfall on Monday night/Tuesday morning. Based on this forecast (and the updated forecast from Monday; not shown), sampling was targeted for Tuesday morning, September 19 (as shown by the red box on the figure below). Target Precipitation − Storm with ≥ 0.25 in. in 24-hour period with 48-hour antecedent period without heavy rainfall (i.e., less than 0.2 inches).

Actual Precipitation –

48-hour antecedent period = 0.11 inches fell from 6:30 pm on Saturday, September 16, through 6:30 pm on Monday, September 18 (i.e., the start of storm). Storm precipitation = From the start of the storm on Monday, September 18 (6:30 pm) through the completion of sampling on Tuesday, September 19 (3:45 pm), 0.35 inches of rain was recorded at the Hamm Creek gauge. Of this rainfall, 0.03 inches fell during the sampling period (approximately 10 am-3:45 pm on September 19). 24-hour rainfall = 0.35inches was recorded during the 24 hours ending at the completion of sampling (3:45 pm on September 18 to 3:45 pm on September 19). Period of maximum intensity = Sampling was

conducted within 12 hours

intensity (6 pm on Monday,

September 18 to 3 am on

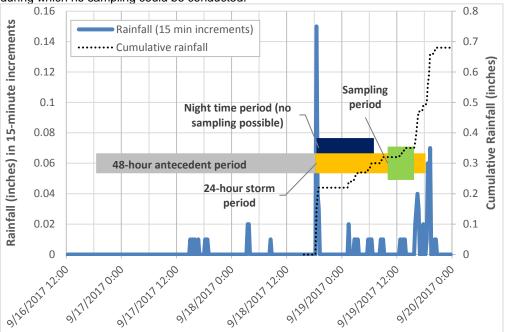
Tuesday, September 19),

rain was recorded.

during which 0.27 inches of

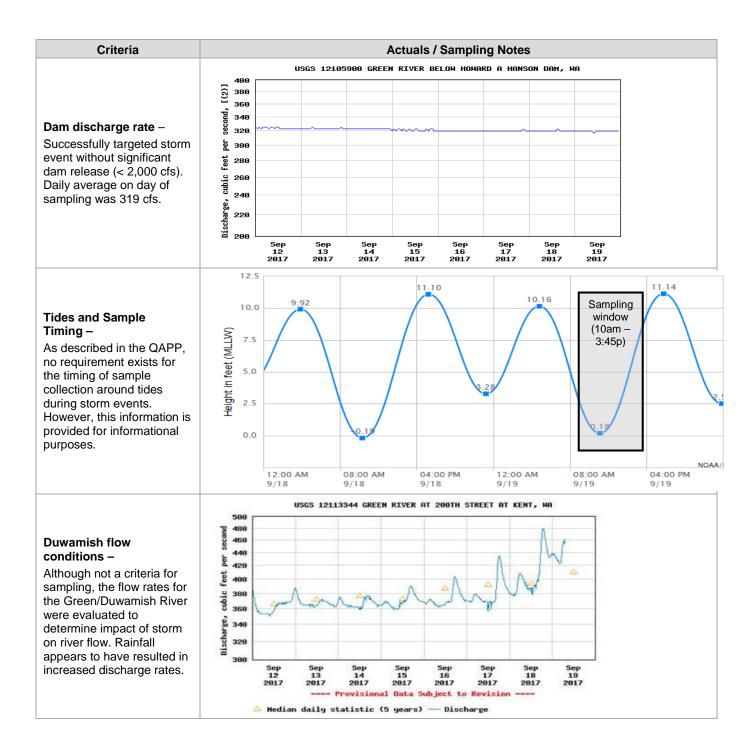
of the storm's maximum

Successfully targeted storm with \geq 0.25 in. in 24-hour period with 48-hour antecedent period without heavy rainfall. Precipitation data are from the Hamm Creek gauge, located near the LDW. The gray-shaded box indicates the period from sunset (7:14 pm) to sunrise (6:52 am), during which no sampling could be conducted.



A small amount of rain (0.11 inches) fell from Sunday afternoon (September 17) through early Monday morning (September 18). The forecasted storm event began at 6:30 pm on Monday (September 18). The storm's maximum intensity occurred from about 6:30 pm on Monday, September 18, to 3 am on Tuesday, September 19, during which 0.27 inches of rain was recorded at the Hamm Creek gauge. Sampling was conducted as soon as possible after this period of maximum intensity and after sunrise (i.e., samples were collected from about 10 am to 3:45 pm on Tuesday, September 19).





Grab collection times were as follows (overall sampling window from 10 am to 3:45 pm on September 19):

		G	Grab 1		Grab 2		Grab 3		b 4
Location	Sampling Depth	Time	Bottom Depth (m)	Time	Bottom Depth (m)	Time	Bottom Depth (m)	Time	Bottom Depth (m)
SW1	near-surface	1042	11.5	1141	10.3	1237	11.0	1340	11.7
SVVI	near-bottom	1010	10.6	1111	10.4	1209	10.8	1312	11.4
CMO	near-surface	1031	7.6	1138	6.9	1246	7.5	1346	8.1
SW2	near-bottom	1008	7.6	1121	7.0	1223	7.6	1322	8.1
SW3	mid-depth	1130	3.5	1330/ 1400	3.4	1445/ 1455	3.6	1541/ 1545	4.1

Note: SW1, SW2, and SW3 are located at RM 0.75, 3.3, and 10, respectively.

Sampling at SW3 was slightly delayed after collection of the first grab sample because of a malfunction and resulting breakage of the 5-L Niskin bottle sampler. Thus, two grab collection times are reported.

Storm Sampling Event without Significant Dam Release (ST2) – October 19, 2017

Target Precipitation – Storm with ≥ 0.5 in. in 24-hour period without heavy rainfall (i.e., less than 0.2 inches). Actuals / Sampling Notes Rainfall forecast information is from the NWS (green bars are probability of rainfall). The forecast shown below from Tuesday, October 17, shows a relatively dry period overnight on Tuesday, October 18. Rain was forecasted to increase moving into Wednesday evening, with the heaviest rainfall forecasted for overnight on Wednesday, October 18 (11 pm to 5 am). Based on this forecast, sampling was scheduled for first thing on Thursday, October 19 (as shown by the red box on the figure below). Storm with ≥ 0.5 in. in 24-hour period without heavy rainfall (i.e., less than 0.2 inches). Rainfall forecast information is from the NWS (green bars are probability of rainfall). The forecast shown below from Tuesday, October 17, shows a relatively dry period overnight on Tuesday, October 18. Rain was forecasted to increase moving into Wednesday, October 18 (11 pm to 5 am). Based on this forecast, sampling was scheduled for first thing on Thursday, October 19 (as shown by the red box on the figure below). | Actuals / Sampling Notes | Sampling | Samplin

Criteria

Actual Precipitation -

48-hour antecedent
period = 0.06 inches fell
from 10 am on Monday,
October 16, through 10 am
on Wednesday, October 18
(i.e., the start of storm).

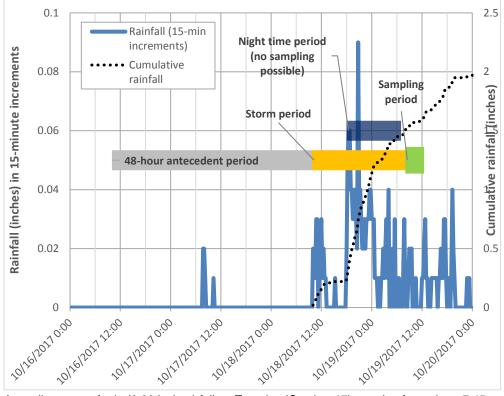
Storm precipitation = From the start of the storm (10 am on Wednesday, October 18) through the completion of sampling on Thursday, October 19 (12:30 pm), 1.62 inches of rain was recorded at the Hamm Creek gauge. Of this rainfall, 0.12 inches fell during the sampling period (approximately 8 am-12:30 pm on October 19).

24-hour rainfall = 1.43 inches was recorded during the 24 hours ending at the completion of sampling (12:30 pm on October 18 to 12:30 pm on October 19).

Period of maximum
intensity = Sampling was
conducted within 12 hours
of the storm's maximum
intensity (6 pm on
Wednesday, October 18 to
12:30 am on Thursday,
October 19), during which
0.98 inches of rain was
recorded at the Hamm
Creek gauge.

Actuals / Sampling Notes

Successfully targeted storm with ≥ 0.5 in. in 24-hour period with 48-hour antecedent period without heavy rainfall. Precipitation data are from the Hamm Creek gauge, located near the LDW. The gray-shaded box indicates the period from sunset (6:15pm) to sunrise (7:30am), during which no sampling could be conducted.

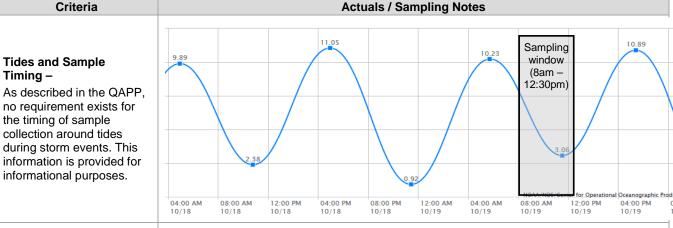


A small amount of rain (0.06 inches) fell on Tuesday (October 17) morning from about 7:45 am to 10:15 am. The forecasted storm event began at 10 am on Wednesday, October 18. During the initial portion of the storm (10 am to 1:30 pm on Wednesday, October 18), 0.21 inches of rain was recorded at the Hamm Creek gauge. After that time, 0.01 inches fell until about 6 pm on Wednesday, October 18, at which point the storm's intensity increased. The storm's maximum intensity occurred from 6 pm on October 18 to 12:30 am on October 19, during which 0.98 inches of rain was recorded at the Hamm Creek gauge. Sampling was conducted as soon as possible after this period of maximum intensity and after sunrise (i.e., samples were collected on Thursday, October 19 from 8 am to 12:30 pm).

Successfully targeted storm event with > 0.5 inches without significant dam release (< 2,000 cfs). Release rate went from 726 cfs at the beginning of sampling to 941 cfs at the end of sampling. Black box indicates approximate sampling window (8 am - 12:30 pm on Thursday, October 19).

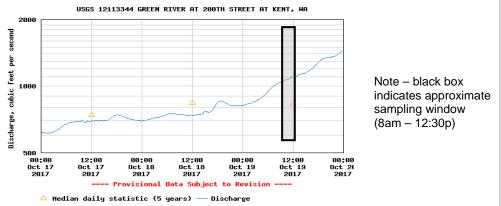
Dam discharge rate – Storm event without significant dam release (< 2,000 cfs).





Duwamish flow conditions –

Although not a criteria for sampling, the flow rates for the Green/Duwamish River were checked to assess river flow during this time period.



Grab collection times were as follows (overall sampling window from approximately 8 am to 12:30 pm on October 19):

			Grab 1		irab 2	G	rab 3	G	rab 4
Location	Sampling Depth ^a	Time	Bottom Depth (m)						
SW1	near-surface	0812	12.6	1013	11.7	1105	11.5	1201	11.5
SVVI	near-bottom ^b	0947	12.0	1045	11.5	1140	11.4	1239	11.8
SW2	near-surface	0841	8.8	0956	8.0	1057	7.5	1159	7.8
3002	near-bottom	0806	8.8	0928	8.3	1028	7.9	1129	7.6
SW3	mid-depth	0920	5.0	1015	5.1	1115	4.9	1215	4.5

Notes: Due to sampling equipment issues (i.e., messenger was not triggering Niskin sampler), samples at SW1 were delayed after collection of first surface grab. This issue required assistance from crew at SW2, and thus samples from both locations were impacted by this issue.

Wet Baseflow Sampling Event (WB1) – February 22, 2018

the LDW area from about 6 pm on February 21 to 1 am on February 22 (the precipitation was not recorded on the Hamm Creek gage until the snow melted in the morning). Other than the small amount of snow, no measurable precipitation was recorded during the 3-day antecedent period (no rain had been recorded at the Hamm Creek gage since about noon on Sunday, February 18). Prior to sampling, EPA/Ecology confirmed that these conditions acceptable. Successfully targeted wet season average conditions (e.g., 800-1200 cfs). Daily average on day of sampling was 1,120 cfs. The dam release decreased from 1,257 to 1,106 cfs during the sample collection period. Black box indicates the approximate sampling period (8 am-noon). USGS 12165900 GREEN RIVER BELOH HOHARD & HANSON DAH, HA 3000 Wet-season average low conditions (e.g., 1940)	Criteria	Actuals
collection period. Black box indicates the approximate sampling period (8 am-noon). USGS 121093999 GREEN RIVER BELOH HOHARD 8 HANSON DRH, HR Wet-season average ow conditions (e.g., 100-1,200 cfs) 1899	Target Precipitation – 3-day antecedent period without measurable rainfall	9:30 am on Thursday, February 22, as a result of the approximately one-half inch of snow that fell the LDW area from about 6 pm on February 21 to 1 am on February 22 (the precipitation was not recorded on the Hamm Creek gage until the snow melted in the morning). Other than the small amount of snow, no measurable precipitation was recorded during the 3-day antecedent period (no rain had been recorded at the Hamm Creek gage since about noon on Sunday, February 18). Prior
9:11 am (sample collection started as early as possible during daylight conditions). 12.5	Dam discharge rate - Wet-season average flow conditions (e.g., 800-1,200 cfs)	Sampling was 1,120 cfs. The dam release decreased from 1,257 to 1,106 cfs during the sample collection period. Black box indicates the approximate sampling period (8 am-noon). USGS 12105900 GREEN RIVER BELOH HOHARD A HANSON DAH, HA 3000 2000 2000 2000 2000 2000 2000 20
		Feb 19 Feb 19 Feb 20 Feb 20 Feb 21 Feb 22 Feb 22 Feb 25 2018 2018 2018 2018 2018 2018 2018 2018
	Timing – Sample collection hould be pproximately entered on the high	Feb 19 Feb 19 Feb 20 Feb 20 Feb 21 Feb 21 Feb 22 Feb 22 Feb 22 Feb 25 2018 Provisional Data Subject to Revision A Hedian daily statistic (57 years) — Discharge Samples were collected on February 22 from approximately 8 am to noon, around the high tide at 9:11 am (sample collection started as early as possible during daylight conditions). 12.5 Approx. sampling window (8am - noon) (8am - noon) NOA/NOS/Center for Operational Oceanographic Products and Services 12:00 AM 04:00 AM 08:00 AM 12:00 PM 04:00 PM 08:00 PM 12:00 AM 12:00 PM 12:00 PM 12:00 PM 12:00 AM 12:00 PM 12:00 AM 12:00 PM 12:00 PM 12:00 AM 12:00 PM 12:00 PM 12:00 AM 12:00 PM 12:00 AM 12:00 PM 12:00 PM 12:00 AM 12:00 PM 12:00 PM 12:00 AM 12:00 PM 1

Grab collection times were as follows (overall sampling window from 8 am to noon on February 22):

		Grab 1		G	rab 2		Grab 3	G	rab 4
Location	Sampling Depth	Time	Bottom Depth (m)	Time	Bottom Depth (m)	Time	Bottom Depth (m)	Time	Bottom Depth (m)
SW1	near-surface	0900	16.2	1008	16.0	1112	10.5	1310	11.6
SWI	near-bottom	0830	16.0	0940	16.4	1040	11.2	1140	12.1
SW2	near-surface	0808	10.0	0905	10.0	1002	9.7	1058	9.5
SVVZ	near-bottom	0840	9.7	0938	10.0	1033	9.7	1137	9.1
SW3	mid-depth	0925	6.8	1020	6.5	1122	6.6	1206	6.0

There was an approximately 1-hour delay in the timing of the collection of the fourth near-surface grab sample at SW1 because the battery on the sampling boat was drained. The fourth grab at SW1 was delayed until the boat that had completed sampling at SW2 was able to arrive to collect this grab.

Storm Sampling Event without Significant Dam Release (ST3) - March 8, 2018

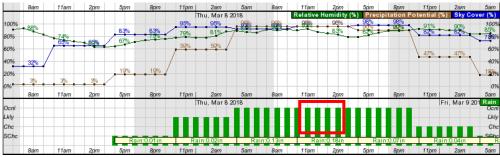
Criteria

Actuals / Sampling Notes

Target Precipitation –

Storm with ≥ 0.25 in. in 24-hour period with 48-hour antecedent period without heavy rainfall (i.e., less than 0.2 inches).

Sample collection timing was based on the forecast and Doppler radar. The forecast shown below from Wednesday, March 7, shows light rainfall starting as early as 4 pm on Wednesday, with more significant rainfall from 4 am to 10 am, and even higher amounts from 10 am to 4 pm. Based on this forecast, sampling was scheduled to begin around 11 am on Thursday, March 8 (as shown by the red box on the figure below), to target the beginning of the highest intensity rainfall. Rainfall forecast information is from the NWS (green bars are probability of rainfall).

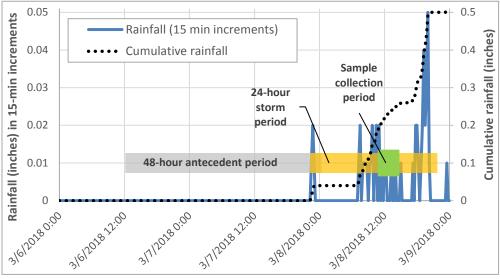


Actual Precipitation -

48-hour antecedent
period = no rain was
recorded during the
antecedent period (i.e.,
from 10 pm on Monday,
March 5, through 10 pm on
Wednesday, March 7 (i.e.,
the start of storm)).

24-hour rainfall = 0.5 inches was recorded during the 24-hour storm period (10 pm on March 7 to 10 pm March 8). Of this rainfall, 0.26 inches fell before and during sample collection.

Period of maximum intensity = Sampling was conducted within the storm's first high intensity period, which occurred from 7 am to 2 pm on March 8, during which 0.19 inches of rain was recorded at the Hamm Creek gauge. Successfully targeted storm with ≥ 0.25 in. of rainfall in a 24-hour period, with a 48-hour antecedent period without heavy rainfall. Precipitation data are from the Hamm Creek gauge, located near the LDW.



The storm started with a small amount of rain (0.04 inches), which fell between 10 pm and midnight on Wednesday, March 7. The primary part of the storm began at 7 am on Thursday, March 8. From 7 am to the end of sample collection, an additional 0.22 inches of rain was recorded. After sampling ended, another 0.24 inches of rain was recorded. Two heavier periods of maximum intensity were recorded: the first occurred from about 7 am to 1 pm (0.19 inches), and the second occurred from about 5 pm to 9 pm (0.24 inches). Sampling was conducted within the first period of higher intensity (11 am to 3 pm).

Criteria **Actuals / Sampling Notes** Successfully targeted storm event with > 0.25 inches of rain without significant dam release (< 2,000 cfs). Release rate was approximately 515 cfs throughout the sampling period. Black box indicates approximate sampling window (11am - 3pm on Thursday, March 8). USGS 12105900 GREEN RIVER BELOW HOWARD A HANSON DAM, WA 1000 second 988 800 Discharge, cubic feet per Dam discharge rate -700 Storm event without significant dam release 600 (< 2,000 cfs). 500 400 Har Har Har Har 95 2018 96 97 2018 09 2018 2018 2018 ovisional Data Subject to Revision △ Median daily statistic (57 years) — Discharge Sampling 10.0 window 9.41 **Tides and Sample** 9.03 (11 am Height in feet (MLLW) Timing -3 pm) As described in the QAPP, no requirement exists for the timing of sample 5.0 collection around tides during storm events. This information is provided for informational purposes. NOAA/NOS/Cente 12:00 AM 04:00 AM 08:00 AM 12:00 PM 04:00 PM 08:00 PM 12:00 AM 04:00 AM 08:00 AM 3/8 3/8 3/8 3/8 3/8 3/8 3/9 3/9 3/9 USGS 12113344 GREEN RIVER AT 200TH STREET AT KENT, HA **Duwamish flow** ьe conditions feet Although not a criteria for Note – black box cubic 4 indicates approximate sampling, the flow rates for 1000 sampling window the Green/Duwamish River Discharge, (11am - 3p)were checked to assess river flow during this time period. Har 06 2018 Har 07 2018 Har 08 2018 Mar 09 2018

△ Median daily statistic (6 years)

Grab collection times were as follows (overall sampling window from approximately 11 am to 3 pm on Thursday, March 8):

			Grab 1		rab 2	G	Grab 3	(Grab 4
Location	Sampling Depth	Time	Bottom Depth (m)						
SW1	near-surface	1130	13.0	1230	12.9	1327	12.5	1434	11.9
SVVI	near-bottom	1058	13.6	1208	12.9	1300	12.1	1358	11.9
SW2	near-surface	1051	9.1	1150	9.0	1305	8.2	1354	8.1
SVVZ	near-bottom	1121	9.1	1219	8.8	1331	8.2	1426	7.6
SW3	mid-depth	1155	6.1	1255	5.7	1345	5.6	1450	5.4

Wet Baseflow Sampling Event (WB2) - April 3, 2018

Criteria				Act	uals			
Target Precipitation – 3-day antecedent period without measurable rainfall	recorded pr	able precipitate ecipitation oc	curred at al	oout 2 pm o	n Wedneso	day, March 2	8).	
Dam discharge rate – Wet-season average flow conditions (e.g., 800-1,200 cfs)	Discharge, cubic feet per second 2000 2000 2000	Mar 29 2018	Har 30 2018	Mar 31 2018	Apr 81 2018 ub.ject to 1	Apr 82 2018	еly 6:30 am	
Tides and Sample Timing – Sample collection should be approximately centered on the high tide.	12.5 am (12.6 a		ction started	Approx. sampling window (6:30am 10am)	s possible	Current Time (LST/LDT)	NOAA/NOS/ 03:00 PM	Center for Operation 06:00 PM
Tide Type – Spring vs. neap	Samples we tide).	ere collected	during a spi	ring tide per		samples were	e collected d	luring a ne

Grab collection times were as follows (overall sampling window from 6:30 am to 10 am on April 3):

		Grab 1		(Grab 2	(Grab 3	G	Grab 4
Location	Sampling Depth ^a	Time	Bottom Depth (m)	Time	Bottom Depth (m)	Time	Bottom Depth (m)	Time	Bottom Depth (m)
SW1	near-surface	0658	8.4	0753	8.4	0859	8.4	0955	8.3
SVVI	near-bottom ^b	0635	8.2	0731	8.5	0844	8.5	0940	8.3
SW2	near-surface	0712	10.4	0812	10.2	0914	9.8	1018	9.1
3002	near-bottom	0651	10.4	0752	10.4	0852	10.0	0951	9.6
SW3	mid-depth	0715	5.9	0815	6.6	0910	5.9	1005	6.0

Storm Sampling Event with Significant Dam Release (ST4) - April 7, 2018

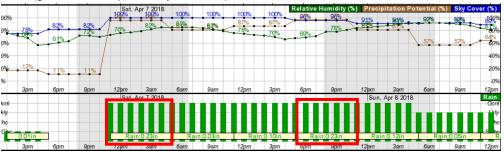
Criteria

Actuals / Sampling Notes

Sample collection timing was based on the forecast and actual conditions on the morning of Saturday, April 7 (i.e., the Doppler radar and rainfall recorded to date). The forecast shown below from Friday, April 6, shows two periods of higher intensity rainfall, one early Saturday morning and the other on Saturday evening (shown with red boxes below). Based on this forecast, the sampling team was prepared to mobilize either mid-day Saturday (depending on conditions first thing on Saturday) or first thing on Sunday morning to target sampling within 12 hours of either period of forecasted peak intensity. Rainfall forecast information is from the NWS (green bars are probability of rainfall).

Target Precipitation -

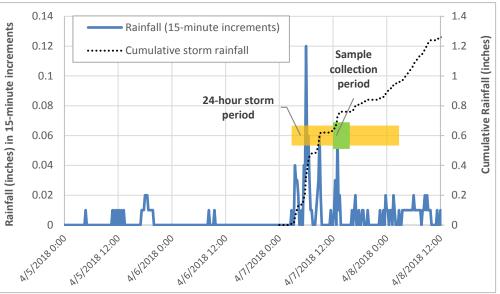
Storm with ≥ 0.5 in. in 24-hour period. No antecedent period required.



Actual Precipitation –

24-hour rainfall = 0.95 inches was recorded during the 24-hour storm period (2 am on Saturday, April 7, to 2 am on Sunday, April 8). Of this rainfall, 0.76 inches fell before and during sample collection.

Period of maximum intensity = Several highintensity periods of rain occurred from about 3:30 am to 1 pm on Saturday, April 7. Sampling was conducted within 12 hours of these peak intensity periods. Successfully targeted storm with \geq 0. 5 in. of rainfall in a 24-hour period. Precipitation data are from the Hamm Creek gauge, located near the LDW.



No antecedent dry period was required for ST4, although only 0.23 inches fell during the 2 days prior to the storm. The 24-hour storm period started at 2:45 am on Saturday, April 7, with periods of heavy rain occurring around 3:30 am, 6:00 am, 9 am, and 1 pm. Prior to the start of sampling, 0.63 inches of rain was recorded (2:25 am to noon), and an additional 0.13 inches feel during the sample collection period (noon to 4 pm). After sampling ended, another 0.19 inches of rain was recorded during the remainder of the 24-hour storm period, for a total of 0.95 inches.

Criteria **Actuals / Sampling Notes** Successfully targeted storm event with > 0.5 inches of rain with significant dam release. Although the release rate during the sampling period (approximately 1,930 cfs) was slightly below the threshold of >2,000 cfs in the QAPP, this level was sufficiently close to the targeted level to represent a significant dam release. The black box indicates approximate sampling window (noon - 4pm on Saturday, April 7). USGS 12105900 GREEN RIVER BELOW HOWARD A HANSON DAM, WA 3000 second Dam discharge rate -Pe 2000 Storm event with significant Discharge, cubic feet dam release (> 2,000 cfs). 1000 700 Арг Apr Apr Apr Apr 94 05 96 98 2018 2018 2018 2018 2018 Provisional Data Subject to Revision 10.0 Sampling window **Tides and Sample** 8.0 (noon Timing -Height in feet (MLLW) 4 pm) As described in the QAPP, 6.0 no requirement exists for the timing of sample collection around tides during storm events. This information is provided for 2.0 informational purposes. 12:00 AM 06:00 AM 06:00 PM 12:00 AM 06:00 AM 12:00 PM USGS 12113000 GREEN RIVER NEAR AUBURN, HA **Duwamish flow** 3000 conditions -Per Although not a criteria for feet Note - black box sampling, the flow rates for the Green/Duwamish River indicates approximate cubic sampling window were checked to assess 1000 (noon - 4p)river flow during this time Discharge, period. This information is provided for informational 500 purposes. 2018 2018 2018

Grab collection times were as follows (overall sampling window from approximately noon to 4 pm on Saturday, April 7):

		Grab 1		G	Grab 2		rab 3	G	irab 4
Location	Sampling Depth ^a	Time	Bottom Depth (m)	Time	Bottom Depth (m)	Time	Bottom Depth (m)	Time	Bottom Depth (m)
SW1	near-surface ^b	1210	9.6	1309	8.6	1412	8.5	1510	8.6
SWI	near-bottom	1236	9.8	1335	8.5	1435	8.5	1535	8.4
SW2	near-surface	1210	7.2	1341	7.6	1447	7.5	1544	7.6
3002	near-bottom	1242	7.2	1303	7.8	1403	7.9	1508	7.4
SW3	mid-depth	1255	6.3	1350	7.1	1505	6.4	1550	5.9

Dry Baseflow Sampling Event (DB2) – July 30, 2018

Criteria				Actuals			
Target Precipitation – 3-day antecedent period without measurable rainfall			on was recorded ourred on July 1, 2		ay anteceden	t period (the	e last
Dam discharge rate – Dry-season average flow conditions (e.g., 200-600 cfs)	rate was be to 9 am). 300 300 200 200 200 200 200 20	etween 260 and	season average of 270 cfs during the 2185988 GREEN R3	ne sample coll	ection period	(approximat	
	200 L	Jul 26 2018	Jul 27 2018 Provisional	_		Ju 30 20:	9
Timing – Sample collection should be approximately centered on the high	Samples whigh tide at 12.5 10.0 7.5 2.5 10.0 12:00	Hedian daily ere collected o 6:43 am (sample)	27 2018 Provisional statistic (57 n July 30, 2018, fi ple collection start Approx. sampling window (5:30am - 9am)	28 2018 Data Subject years) — Di rom approximated as early as	29 2018 to Revision scharge ately 5:30 am s possible in d	to 9 am, ard laylight hour	Ound the rs).
Tides and Sample Timing – Sample collection should be approximately centered on the high tide. Tide Type –	Samples whigh tide at 12.5 10.0 (MTTM) 7.5 2.5 10.0 12:00 7/30	Hedian daily ere collected o 6:43 am (samp	27 2018 Provisional statistic (57 n July 30, 2018, fi ple collection start Approx. sampling window (5:30am - 9am)	28 2018 Data Subject years) — Di rom approximated as early as	29 2018 to Revision scharge ately 5:30 am s possible in d	to 9 am, ard laylight hour	Center for Operations 06:00 PM 7/30

Grab collection times were as follows (overall sampling window from 5:30 am to 9 am on July 30):

		G	Grab 1	(Grab 2	G	Grab 3	G	rab 4
Location	Sampling Depth ^a	Time	Bottom Depth (m)						
SW1	near-surface ^b	0615	13.4	0707	13.3	0805	12.9	0905	12.5
SVVI	near-bottom	0600	13.0	0655	13.1	0753	13.1	0852	12.8
SW2	near-surface	0600	11.4	0655	10.2	0800	9.8	0859	9.5
SVVZ	near-bottom	0542	11.5	0642	10.3	0741	9.8	0842	9.5
SW3	mid-depth	0610	4.5	0705	4.4	0805	4.5	0900	4.1