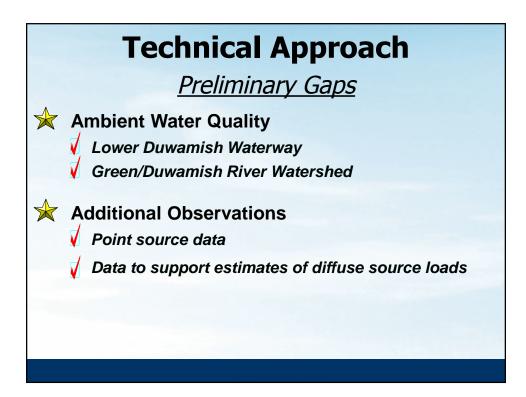
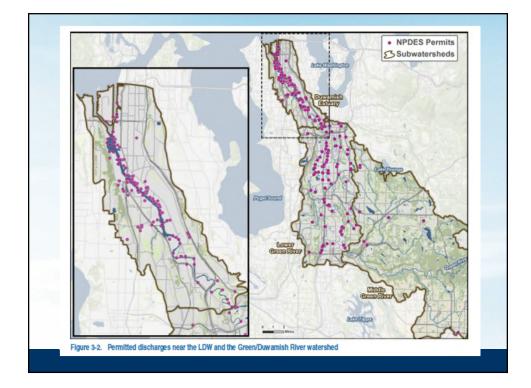


Data Type	Source Assessment	Watershe	d Model	Receiving Wa	ater Model ¹	Food Web Model		
		Configuration	Calibration/ Validation	Configuration	Calibration/ Validation	Configuration	Calibration Validation	
Ambient Surface Water Quality	•		•	•	•			
Point Source Water Quality ²	•	•	•					
Groundwater Quality	•	•		•	•			
Ambient Surface Sediment Quality	•		•	•	•			
Point Source Solids/Sediment Quality ²	•		•	•				
Ambient Subsurface Sediment Quality	•			•	•			
Tissue Quality	•	•		•	•	•	•	
Air Quality	•	•		•	•			
Physical	•	•		•				
Streamflow			•	•	•			
Meteorological		•		•				
Hydrodynamic				•	•			
Sediment Distribution	•	•		•	•			
Bank Samples								





able 3-4. Det	ailed summ	ary of ambie		water quali	-							
Parameter Group	Duwamis	h Estuary	Lower Green River		Middl	e Green	Upper G	reen River	Recent Data (within last 10 years)		All Data	
	Station	Sampling Events	Station	Sampling Events	Station	Sampling Events	Station	Sampling Events	Station	Sampling Events	Station	Sampling Events
Alkylated PAHs	0	0	0	0	0	0	0	0	0	0	0	0
Arsenic	10	413	10	144	11	87	0	0	17	245	31	644
Bacteria	20	603	20	534	45	852	2	10	54	1,288	87	1,999
Conventional	64	2,676	32	3,207	72	9,813	8	3,738	121	14,076	121	14,076
Dioxin/Furan	0	0	0	0	0	0	0	0	0	0	0	0
Metals	9	486	9	344	12	355	2	28	12	486	32	1,213
Organometals	0	0	0	0	0	0	0	0	0	0	0	0
Other SVOCs	10	120	2	4	2	3	0	0	2	4	14	127
PAHs	11	245	4	37	4	30	0	0	9	98	19	312
PBBs	0	0	0	0	0	0	0	0	0	0	0	0
PBDE	0	0	0	0	0	0	0	0	0	0	0	0
PCBs	12	43	3	26	3	28	0	0	18	97	18	97
Pesticides	2	89	2	5	4	11	0	0	3	93	8	105
Petroleum	1	23	1	2	1	2	0	0	1	2	3	27
Phthalates	8	94	0	0	0	0	0	0	0	0	8	94
VOCs	1	24	1	2	1	2	0	0	1	2	3	28



Preliminary Gaps Lower Duwamish Waterway										
Parameter Group	Air	Ambient Surface Sediment	Ambient Surface Water	Point Source Solids/Sediment	Point Source Water	Groundwater	Ambient Subsurface Sediment	Tissue		
Alkylated										
PAHs Arsenic										
Bacteria										
Conventional				-						
Dioxin/Furan	-									
Metals										
Organometals	•		•	•	•					
Other SVOCs	•									
PAHs										
PBBs	•	•	•	•	•	•	•	•		
PBDE	•	•	•	•	•	•	•			
PCBs										
Pesticides	•									
Petroleum	•		•		•			•		
Phthalates	•									
VOCs	•		•					•		
votes: Gray shaded p his data set.	arameter cel	ls represent primary hu	man health risk d	rivers. A dot indicates less th	han 25 samples i	n the LDW representing	a potential paramete	er data gap fo		

Preliminary Gaps

Green/Duwamish Watershed

Parameter Group	Air	Ambient Surface Sediment	Ambient Surface Water	Point Source Solids/Sediment	Point Source Water	Groundwater	Ambient Subsurface Sediment	Tissue
Alkylated PAHs		•	•	•	•	•	•	•
Arsenic	•			•	•	•	•	•
Bacteria	•	•		•	•	•	•	•
Conventional				•	•		•	•
Dioxin/Furan	•	•	•	•	•	•	•	•
Metals	•			•	•		•	•
Organometals	•	•	•	•	•	•	•	•
Other SVOCs	•	6		•	•	•	•	•
PAHs	•			•	•		•	•
PBBs	•	•	•	•	•	•	•	•
PBDE	•		•	•	•	•	•	•
PCBs				•	•	•	•	•
Pesticides	•		•	•	•	•	•	•
Petroleum	•	•		•	•		•	•
Phthalates				•	•	•	•	•
VOCs							•	•

