

**Table 14**  
**Potential Data Gaps for the EAA-4**  
**Lower Duwamish Waterway – EAA-4 Summary of Information Data Gap Report**

Site of Concern	Potential Data Gap	Rationale	Group to Generate Anticipate Data	Anticipate Data Will be Generated In
Boeing Plant 2	Acceptance by EPA of the Final Data Gap Investigation Report for the South Yard and 2-60s Area.	Need to obtain the final approved document to insure that all information is approved by the EPA. Following the Data Gap Reports, a report on remedy selections will be completed.	Potentially Responsible Party (PRP)/EPA	In the next few months (EPA has already reviewed and commented on draft reports. The PRP and EPA are in discussions regarding the final report.)
Boeing Plant 2	Completion of data gap investigation reports (and work plans if not completed) for the 2-66, 2-40, North Area, 2-31, and 2-10 Areas	Needed to obtain the data gap investigation reports (and work plans) to obtain the current levels and locations of possible contaminants at these mentioned CMS study areas and to determine if data gaps concerning the delineation of contaminant plumes are present.	PRP/EPA	To be determined
Boeing Plant 2	Completion of the Final DSOA/South Bank design	Cleanup actions (sediment removal and capping) are taking place in the Duwamish Waterway adjacent to the Boeing Plant 2 facility. The final plans are not completed.	PRP/EPA/Ecology	To be determined
Boeing Plant 2	Develop AutoCAD layers showing site features such as buildings, etc. to overlay onto the stormwater drainage system.	This would make it easier to determine which features are located in each drainage basin, each of which drains to the LDW through a particular outfall.	PRP/Ecology	To be determined

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Boeing Plant 2	More information concerning the City of Tukwila's public roadway drainage from East Marginal Way South through Boeing Plant 2's Outfall Z, and the City of Seattle's public roadway drainage from the 16th Ave South Bridge through Boeing Plant 2's Outfall J.	This information is needed to determine the potential migration pathway of contaminants to the LDW from the City of Tukwila's public roadway drainage from East Marginal Way South through Boeing Plant 2's Outfall Z, and the City of Seattle's public roadway drainage from the 16th Ave South Bridge through Boeing Plant 2's Outfall J.	PRP/SPU/City of Tukwila/City of Seattle/Ecology	To be determined
Boeing Plant 2	One city storm drain outfall is shown as discharging to the LDW within EAA-4 in Figure 14. More information is needed concerning this outfall and whether or not it might be Boeing Plant 2's Outfall J.	This information is needed to determine the potential migration pathway of contaminants to the LDW from the city storm drain outfall shown in Figure 15.	SPU/Ecology	To be determined
Boeing Plant 2	Stormwater flow direction arrows in basins 36 and 37 of Figure 14.	The AutoCAD file received from Boeing shows stormwater flow direction arrows in all drainage basins other than 36 and 37. These stormwater flow direction arrows need to evaluate stormwater contribution to the LDW from these drainage basins.	PRP	To be determined
Jorgensen Forge/ Boeing Plant 2	Determination of the groundwater flow across the property boundary (joint hydrologic investigation).	The groundwater flow across the property boundary is needed to determine the hydrologic conditions across the sites of concern.	PRPs/Ecology	To be determined
Jorgensen Forge/ Boeing Plant 2	No AutoCAD file of 12", 24" and 15" diameter stormwater lines shown in Figure 20.	An AutoCAD file is needed so that it can be added to Figure 14 for reference.	PRP	To be determined

Site of Concern	Potential Data Gap	Rationale	Group to Generate Anticipate Data	Anticipate Data Will be Generated In
Jorgensen Forge	Ownership of the 12- and 24-inch diameter stormwater lines, located in the easement on the northern portion of the Jorgensen site, needs to be established.	These stormwater lines convey stormwater runoff from Plant 2 and KCIA. Ownership of these stormwater lines needs to be established in order to determine the potential migration pathway of contaminants to the LDW from these sources.	PRPs/Ecology	To be determined
Jorgensen Forge	Stormwater from onsite scale sumps is periodically discharged through outfalls 001, 002, 003, and 004. The quality of the water discharged, and the process through which water is discharged from the scale sumps, needs to be determined.	This information is needed to determine whether or not water discharged from the scale sumps is a potential migration pathway of contaminants to the LDW.	PRPs/Ecology	To be determined
Jorgensen Forge	Investigation of potential arsenic contamination in the southeast portion of the property needs to be conducted.	Significant arsenic contamination has been found on the adjacent Boeing/Isaacson property. Investigation of soils and groundwater should be conducted to determine if arsenic is present and if it is leaching into the adjacent sediments.	PRP/Ecology	To be determined
Jorgensen Forge	The geochemical effects of petroleum hydrocarbons in soils is needed.	There have been several investigations related to releases of petroleum hydrocarbons in soil and groundwater; however the geochemical effects are unknown.	PRP/Ecology	To be determined
Jorgensen Forge	Investigation of groundwater quality and flow direction in the center of the property needs to be conducted.	This information is needed to determine if there is contamination present and if the contamination is a potential threat to the LDW.	PRP/Ecology	To be determined

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KCIA	Clarification and verification of area that drains to the LDW within EAA-4. A clear description of Outfall 5 and Drainage Basin 5, that includes the discharge point location, the location of drainage lines contributing to Outfall 5, and a written description of activities performed in and features included within Drainage Area 5, is needed.	This information is needed to determine the potential migration pathway of contaminants to the LDW from KCIA.	PRP/Ecology	To be determined
KCIA	Presentation of the 2005 stormwater system sampling event results in a formal report that presents the analytic results, data validation, and investigation of potential sources of contaminants.	This information is needed to determine whether PCB contamination from this area of the stormwater drainage system is a threat to the LDW within EAA-4.	PRP/Ecology	To be determined
KCIA	Further investigation of the joint caulk material at KCIA and presentation of sampling results in a formal report with analytical results, data validation, and discussion potential source pathway.	This information is needed to determine the concentrations of PCBs within the joint caulk material, the areal extent of the material, and the potential pathway of contamination of stormwater system.	PRP/Ecology	To be determined
East Marginal Way South	Maps showing limited information pertaining to the drainage system along this portion of East Marginal Way were supplied by the City of Tukwila. Much more information is needed concerning the stormwater drainage system in this area.	This information is needed to determine if this portion of East Marginal Way South could be contributing to sediment recontamination in EAA-4 of the LDW.	City of Tukwila/Ecology	To be determined