

Supplement to Appendix G
Tables Showing Data Quality Review
PCB Analyses by Method 8082

**TABLE G-1 - LOWER DUWAMISH TRIAD SAMPLING EVENT
PCB DATA REVIEW
EPA REGION 10**

Field Sample ID	Lab Sample ID	Sample Description	Analyte	Result*	Qualifier	Sample RL	Project RL Met?	Dilution	Surrogate % Recovery	Surrogate CLs OK?	Method Blank CLs OK	LSC % Rec.	MS % Rec.	MS CLs Met?	MSD % Rec.	MSD CLs Met?	MS/MSD RPD	MS/MSD RPD CL OK?	Dup RPD	Preservation Met?*	Container OK?	Sample Date	Prep Hold Time Met?	Analysis Date	Analysis Hold Time Met?	Reference Sample CL Met?***	% Completeness OK?****		
			Tetrachlorometaxylene				1221 = 40 ppb Others = 20 ppb		89	Yes	< 20% of any reported value or <RL	50-130%		40-140%		40-140%		<50%	<50%	≤0°C**	8 oz WMG		365 days (extraction)	12/1/2004	12/7/2004	6 months (analysis)	Spike = 170 ppb Average = 120 Acceptance = 40-140%	95%	
Method QC																													
Blank																													
	OBS4336A1	Blank	Aroclor-1016	-	A																								
			Aroclor-1221	-	A																								
			Aroclor-1232	-	A																								
			Aroclor-1242	-	A																								
			Aroclor-1248	-	A																								
			Aroclor-1254	-	A																								
			Aroclor-1260	-	A																								
			Decachlorobiphenyl						119	Yes																			
			Tetrachlorometaxylene						52	Yes																			
Laboratory Control Sample																													
		LCS	Aroclor-1016																										
			Aroclor-1260																										
			Decachlorobiphenyl																										
			Tetrachlorometaxylene																										
Matrix Spike																													
		MS	Aroclor-1016																										
			Aroclor-1260																										
			Decachlorobiphenyl																										
			Tetrachlorometaxylene																										
Matrix Spike Duplicate																													
		MSD	Aroclor-1016																										
			Aroclor-1260																										
			Decachlorobiphenyl																										
			Tetrachlorometaxylene																										
Primary Samples																													
Duplicate																													
	4354025	Duplicate	Aroclor-1016	86	U		No																						
			Aroclor-1221	86	U		No																						
			Aroclor-1232	170	U		No																						
			Aroclor-1242	86	U		No																						
			Aroclor-1248	86	U		No														Yes	Yes	12/07/04	No	12/07/04	Yes		Yes	
			Aroclor-1254	1000	J		Yes																						
			Aroclor-1260	86	U		No																						
			Decachlorobiphenyl						112	Yes																			
			Tetrachlorometaxylene						72	Yes																			
	SD-206-0000	4354000	Reg sample	Aroclor-1016	82	U	Yes														Yes	Yes	08/26/04	12/07/04	Yes	12/09/04	Yes	Yes	
				Aroclor-1221	82	U	Yes																						
				Aroclor-1232	160	U	Yes																						
				Aroclor-1242	82	U	Yes																						
				Aroclor-1248	82	U	Yes																						
				Aroclor-1254	280		Yes																						
				Aroclor-1260	82	U	Yes																						
				Decachlorobiphenyl					114	Yes																			
				Tetrachlorometaxylene					83	Yes																			
	SD-210-0000	4354004	Reg sample	Aroclor-1016	68	U	No														Yes	Yes	08/27/04	12/07/04	Yes	12/09/04	Yes	Yes	
				Aroclor-1221	68	U	No																						
				Aroclor-1232	140	U	No																						
				Aroclor-1242	68	U	No																						
				Aroclor-1248	68	U	No																						
				Aroclor-1254	130		Yes																						
				Aroclor-1260	68	U	No																						
				Decachlorobiphenyl					103	Yes																			
				Tetrachlorometaxylene					71	Yes																			

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Field Sample ID	Lab Sample ID	Sample Description	Analyte	Result*	Qualifier	Sample RL	Project RL Met?	Dilution	Surrogate % Recovery	Surrogate CLs OK?	Method Blank CLs OK	LSC % Rec.	MS % Rec.	MS CLs Met?	MSD % Rec.	MSD CLs Met?	MS/MSD RPD	MS/MSD RPD CL OK?	Dup RPD	Preservation Met?*	Container OK?	Sample Date	Prep Hold Time Met?	Analysis Date	Analysis Hold Time Met?	Reference Sample CL Met?***	% Completeness OK?****	
			Tetrachlorometaxylene				1221 = 40 ppb Others = 20 ppb		68	Yes	< 20% of any reported value or <RL	50-130%		40-140%		40-140%		<50%	<50%	≤0°C**	8 oz WMG		365 days (extraction)	12/7/2004	6 months (analysis)	Spike = 170 ppb Average = 120 Acceptance = 40-140%	95%	
Method QC																												
Blank																												
	OBS4343A1	Blank	Aroclor-1016	-	A																		12/8/2004	12/7/2004	Yes		Yes	
			Aroclor-1221	-	A																							
			Aroclor-1232	-	A																							
			Aroclor-1242	-	A																							
			Aroclor-1248	-	A																							
			Aroclor-1254	-	A																							
			Aroclor-1260	-	A																							
			Decachlorobiphenyl						127	Yes																		
			Tetrachlorometaxylene						78	Yes																		
Blank																												
	OBS4343A2	Blank	Aroclor-1016	-	A																		12/8/2004	12/7/2004	Yes		Yes	
			Aroclor-1221	-	A																							
			Aroclor-1232	-	A																							
			Aroclor-1242	-	A																							
			Aroclor-1248	-	A																							
			Aroclor-1254	-	A																							
			Aroclor-1260	-	A																							
			Decachlorobiphenyl						109	Yes																		
			Tetrachlorometaxylene						67	Yes																		
Laboratory Control Sample																												
	OBF4343A1	LCS	Aroclor-1016				Yes					87	Yes										12/8/2004	12/15/2004	Yes		Yes	
			Aroclor-1260				Yes					106	Yes															
			Decachlorobiphenyl						129	Yes																		
			Tetrachlorometaxylene						76	Yes																		
Laboratory Control Sample																												
	OBF4343A2	LCS	Aroclor-1016				Yes					94	Yes										12/8/2004	12/15/2004	Yes		Yes	
			Aroclor-1260				Yes					110	Yes															
			Decachlorobiphenyl						126	Yes																		
			Tetrachlorometaxylene						75	Yes																		
Matrix Spike																												
	4344119	Matrix Spike	Aroclor-1016																									Yes
			Aroclor-1260																									
			Decachlorobiphenyl																									
			Tetrachlorometaxylene																									
Matrix Spike Duplicate																												
	4344119	Matrix Spike Dupl	Aroclor-1016																									Yes
			Aroclor-1260																									
			Decachlorobiphenyl																									
			Tetrachlorometaxylene																									
Primary Samples																												
	SD-216-0000	4354010	Reg sample	Aroclor-1016	93	U	No																					Yes
				Aroclor-1221	93	U	No																					
				Aroclor-1232	190	U	No																					
				Aroclor-1242	93	U	No																					
				Aroclor-1248	120	J	Yes															Yes	Yes	08/26/04	12/09/04	Yes	12/15/04	Yes
				Aroclor-1254	240	J	Yes																					
				Aroclor-1260	93	U	No																					
				Decachlorobiphenyl					150	No																		
				Tetrachlorometaxylene					100	Yes																		
	SD-313-0003	4344123	Reg sample	Aroclor-1016	60	U	No																					Yes
				Aroclor-1221	60	U	No																					
				Aroclor-1232	120	U	No																					
				Aroclor-1242	60	U	No																					
				Aroclor-1248	60	U	No															Yes	Yes	08/19/04	12/09/04	Yes	12/13/04	Yes
				Aroclor-1254	60	U	No																					
				Aroclor-1260	60	U	No																					
				Decachlorobiphenyl					134	Yes																		
				Tetrachlorometaxylene					31	No																		

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EPA REGION 10

Field Sample ID	Lab Sample ID	Sample Description	Analyte	Result*	Qualifier	Sample RL	Project RL Met?	Dilution	Surrogate % Recovery	Surrogate CLs OK?	Method Blank CLs OK	LSC % Rec.	MS % Rec.	MS CLs Met?	MSD % Rec.	MSD CLs Met?	MS/MSD RPD	MS/MSD RPD CL OK?	Dup RPD	Preservation Met?*	Container OK?	Sample Date	Prep Hold Time Met?	Analysis Date	Analysis Hold Time Met?	Reference Sample CL Met?***	% Completeness OK?****
<p>Method Blank</p> <p>OBS4344A2 Blank</p> <p>Aroclor-1016 - A</p> <p>Aroclor-1221 - A</p> <p>Aroclor-1232 - A</p> <p>Aroclor-1242 - A</p> <p>Aroclor-1248 - A</p> <p>Aroclor-1254 - A</p> <p>Aroclor-1260 - A</p> <p>Decachlorobiphenyl 137 Yes</p> <p>Tetrachlorometaxylene 65 Yes</p>																											
<p>Laboratory Control Sample</p> <p>LCS</p> <p>Aroclor-1016</p> <p>Aroclor-1260</p> <p>Decachlorobiphenyl</p> <p>Tetrachlorometaxylene</p>																											
<p>Matrix Spike</p> <p>SD-315-0002 4344130 Matrix Spike</p> <p>Aroclor-1016 89 Yes</p> <p>Aroclor-1260 112 Yes</p> <p>Decachlorobiphenyl 135 Yes</p> <p>Tetrachlorometaxylene 10 No</p>																											
<p>Matrix Spike Duplicate</p> <p>SD-315-0002 4344130 Matrix Spike Dupl</p> <p>Aroclor-1016 79 Yes 11.9 Yes</p> <p>Aroclor-1260 115 Yes 2.6 Yes</p> <p>Decachlorobiphenyl 142 No</p> <p>Tetrachlorometaxylene 3 No</p>																											
<p>Primary Samples</p> <p>SD-333-0000 4354015 Reg sample</p> <p>Aroclor-1016 94 U No</p> <p>Aroclor-1221 94 U No</p> <p>Aroclor-1232 190 U No</p> <p>Aroclor-1242 94 U No</p> <p>Aroclor-1248 94 U No</p> <p>Aroclor-1254 1000 U Yes</p> <p>Aroclor-1260 94 U No</p> <p>Decachlorobiphenyl 133 Yes</p> <p>Tetrachlorometaxylene 88 Yes</p>																											
<p>SD-333-0000 4354015 Duplicate</p> <p>Aroclor-1016 110 U No</p> <p>Aroclor-1221 110 U No</p> <p>Aroclor-1232 230 U No</p> <p>Aroclor-1242 110 U No</p> <p>Aroclor-1248 110 U No</p> <p>Aroclor-1254 840 U Yes</p> <p>Aroclor-1260 110 U No</p> <p>Decachlorobiphenyl 126 Yes</p> <p>Tetrachlorometaxylene 75 Yes</p>																											
<p>SD-334-0000 4354016 Reg sample</p> <p>Aroclor-1016 66 U No</p> <p>Aroclor-1221 66 U No</p> <p>Aroclor-1232 130 U No</p> <p>Aroclor-1242 66 U No</p> <p>Aroclor-1248 66 U No</p> <p>Aroclor-1254 290 U Yes</p> <p>Aroclor-1260 66 U No</p> <p>Decachlorobiphenyl 126 Yes</p> <p>Tetrachlorometaxylene 79 Yes</p>																											
<p>SD-338-0000 4354020 Reg sample</p> <p>Aroclor-1016 86 U No</p> <p>Aroclor-1221 86 U No</p> <p>Aroclor-1232 170 U No</p> <p>Aroclor-1242 86 U No</p> <p>Aroclor-1248 86 U No</p> <p>Aroclor-1254 270 U Yes</p> <p>Aroclor-1260 160 U Yes</p> <p>Decachlorobiphenyl 121 Yes</p> <p>Tetrachlorometaxylene 80 Yes</p>																											

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PCB DATA REVIEW
EPA REGION 10

Field Sample ID	Lab Sample ID	Sample Description	Analyte	Result*	Qualifier	Sample RL	Project RL Met?	Dilution	Surrogate % Recovery	Surrogate CLs OK?	Method Blank CLs OK	LSC % Rec.	MS % Rec.	MS CLs Met?	MSD % Rec.	MSD CLs Met?	MS/MSD RPD	MS/MSD RPD CL OK?	Dup RPD	Preservation Met?*	Container OK?	Sample Date	Prep Hold Time Met?	Analysis Date	Analysis Hold Time Met?	Reference Sample CL Met?***	% Completeness OK?****		
<p>1221 = 40 ppb Others = 20 ppb</p> <p>DCBP = 40-140 TCM = 50-130</p> <p>< 20% of any reported value or <RL</p> <p>50-130%</p> <p>40-140%</p> <p>40-140%</p> <p><50%</p> <p><50%</p> <p>≤0°C**</p> <p>8 oz WMG</p> <p>365 days (extraction)</p> <p>6 months (analysis)</p> <p>Spike = 170 ppb Average = 120 Acceptance = 40-140%</p> <p>95%</p>																													
Reference Sample																													
SQ-1	C	Sequim Reference (spiked at 170 ppb)	Aroclor-1254	134																									
			Decachlorobiphenyl						131	Yes												12/14/2004		?	Yes	Yes (78.8%)	Yes		
			Tetrachlorometaxylene						76	Yes																			
Method QC																													
Blank																													
	OBS4349A1	Blank	Aroclor-1016	-	A																								
			Aroclor-1221	-	A																								
			Aroclor-1232	-	A																								
			Aroclor-1242	-	A																								
			Aroclor-1248	-	A																		12/14/2004		12/15/2004	Yes		Yes	
			Aroclor-1254	-	A																								
			Aroclor-1260	-	A																								
			Decachlorobiphenyl						139	Yes																			
			Tetrachlorometaxylene						0	No																			
Orphaned Result																													
	OBW4239A1	Blank	Aroclor-1016	0.4	U	0.4	Yes																						
			Aroclor-1221	0.4	U	0.4	Yes																						
			Aroclor-1232	0.8	U	0.8	Yes																						
			Aroclor-1242	0.4	U	0.4	Yes																						
			Aroclor-1248	0.4	U	0.4	Yes																8/26/2004		8/27/2004	Yes		Yes	
			Aroclor-1254	0.4	U	0.4	Yes																						
			Aroclor-1260	0.4	U	0.4	Yes																						
			Decachlorobiphenyl						62	Yes																			
			Tetrachlorometaxylene						87	Yes																			
Orphaned Result																													
	OBF4239A1	LCS	Aroclor-1016									115	Yes																
			Aroclor-1260									116	Yes																
			Decachlorobiphenyl						48	Yes																			
			Tetrachlorometaxylene						92	Yes																			
Orphaned Result																													
SD-315-0003	4344131	Reg sample	Aroclor-1016	67	U		No																						
			Aroclor-1221	67	U		No																						
			Aroclor-1232	13	U		Yes																						
			Aroclor-1242	6.7	U		Yes																						
			Aroclor-1248	6.7	U		Yes														Yes	Yes	08/19/04	11/08/04	Yes	12/09/04	Yes		Yes
			Aroclor-1254	6.7	U		Yes																						
			Aroclor-1260	6.7	U		Yes																						
			Decachlorobiphenyl						133	Yes																			
			Tetrachlorometaxylene						49	No																			
Orphaned Result																													
SD-434	4344173	Rinsate	Aroclor-1016	0.4	U		Yes																						
			Aroclor-1221	0.4	U		Yes																						
			Aroclor-1232	0.8	U		Yes																						
			Aroclor-1242	0.4	U		Yes																						
			Aroclor-1248	0.4	U		Yes														Yes	Yes	08/21/04	rinse	Yes	08/27/04	Yes		Yes
			Aroclor-1254	0.4	U		Yes																						
			Aroclor-1260	0.4	U		Yes																						
			Decachlorobiphenyl						75	Yes																			
			Tetrachlorometaxylene						87	Yes																			

Blank cells - data is not available

*Surrogates, LCS's and MS/MSD's are only reported in % recovery in the Region 10 LIMS.

**Preservation based on PSEP requirements for organic parameters (hold time is 1 year when frozen)

***Sequim sediment reference limits derived from information received from EPA Region 10 (Steve Reimer - "SQ-1 had a spiked value of 170 ug/kg when created, early historical results averaged 120 ug/kg. No control limits have been set in this laboratory.")

****Assume 100% per John Wakeman

NC = value not calculated

Table G-2 - Lower Duwamish Triad Sampling Event
PCB Data Review
EPA Region 6

Field Sample ID	Sample Name	Lab Sample ID	Sample Description	Batch	Analyte	Results*	Qualifier	Sample RL	Project RL Met?	Dilution	Surrogate % Recovery	Surrogate CLs OK?	Method Blank CLs OK?	LCS % Rec	LCS CLs Met?	MS % Rec	MS CLs Met?	MSD % Rec	MSD CLs Met?	MS/MSD RPD	MS/MSD RPD CLs Met?	Field Dup RPD Met?	Preservation Met?*	Container OK?	Sample Date	Prep Date	Prep Hold Time Met?	Analysis Date	Analysis Hold Time Met?	Reference Sample***	% Completeness Increment OK?****				
									Aroclor 1221 = 40 ppb Other				< 20% of any reported value or		50-130%		40-140%		40-140%	<50	<50%	<50%	<0°C					365 days (extraction)		40 days (analysis)	Spike = 170 ppb Average = 120	95%			
SD-320-0002	04344150	0411019-13	Primary	B4L1001	Aroclor-1016	17	U	17	Yes	1															Yes	Yes	8/19/2004	12/10/2004	Yes	12/16/2004	Yes		Yes		
					Aroclor-1221	34	U	34	Yes	1																				12/16/2004					
					Aroclor-1232	17	U	17	Yes	1																				12/16/2004					
					Aroclor-1242	17	U	17	Yes	1																				12/16/2004					
					Aroclor-1248	32.1		17	Yes	1																				1/6/2005					
					Aroclor-1254	626		17	Yes	1																				12/16/2004					
					Aroclor-1260	576		17	Yes	1																				12/16/2004					
					Decachlorobiphenyl	326				1																				76.7				Yes	12/16/2004
					Tetrachloro-meta-xylene	347				1																				81.6				Yes	12/16/2004
					SD-320-0002	04344154	0411019-14	Primary	B4L1001	Aroclor-1016																				15.7				U	15.7
Aroclor-1221	31.3	U	31.3	Yes						1	12/16/2004																								
Aroclor-1232	15.7	U	15.7	Yes						1	12/16/2004																								
Aroclor-1242	15.7	U	15.7	Yes						1	12/16/2004																								
Aroclor-1248	15.7	U	15.7	Yes						1	1/6/2005																								
Aroclor-1254	68.9		15.7	Yes						1	12/16/2004																								
Aroclor-1260	170		15.7	Yes						1	12/16/2004																								
Decachlorobiphenyl	321									1	81.9	Yes	12/16/2004																						
Tetrachloro-meta-xylene	331									1	84.4	Yes	12/16/2004																						
SD-321-0001	04344153	0411019-15	Primary	B4L1001						Aroclor-1016	16.9	U	16.9	Yes	1															Yes	Yes	8/19/2004	12/10/2004	Yes	12/16/2004
					Aroclor-1221	27.5	U	27.5	Yes	1	12/16/2004																								
					Aroclor-1232	13.8	U	13.8	Yes	1	12/16/2004																								
					Aroclor-1242	13.8	U	13.8	Yes	1	12/16/2004																								
					Aroclor-1248	54.5		13.8	Yes	1	1/6/2005																								
					Aroclor-1254	237		13.8	Yes	1	12/16/2004																								
					Aroclor-1260	460		13.8	Yes	1	12/16/2004																								
					Decachlorobiphenyl	312				1	90.7	Yes	12/16/2004																						
					Tetrachloro-meta-xylene	275				1	79.9	Yes	12/16/2004																						
					SD-321-0002	04344150	0411019-16	Primary	B4L1001	Aroclor-1016	15.4	U	15.4	Yes	1																				
Aroclor-1221	30.8	U	30.8	Yes						1	12/16/2004																								
Aroclor-1232	15.4	U	15.4	Yes						1	12/16/2004																								
Aroclor-1242	15.4	U	15.4	Yes						1	12/16/2004																								
Aroclor-1248	15.4		15.4	Yes						1	1/6/2005																								
Aroclor-1254	60.4	TIC	15.4	Yes						1	12/16/2004																								
Aroclor-1260	298	J	15.4	Yes						1	12/16/2004																								
Decachlorobiphenyl	319									1	82.9	Yes	12/16/2004																						
Tetrachloro-meta-xylene	306									1	79.5	Yes	12/16/2004																						
SD-322-0002	04344160	0411019-20	Primary	B4L1001						Aroclor-1016	17.3	U	17.3	Yes	1															Yes	Yes	8/18/2004	12/10/2004	Yes	
					Aroclor-1221	34.7	U	34.7	Yes	1	12/16/2004																								
					Aroclor-1232	17.3	U	17.3	Yes	1	12/16/2004																								
					Aroclor-1242	17.3	U	17.3	Yes	1	12/16/2004																								
					Aroclor-1248	1830		86.7	No	5	1/6/2005																								
					Aroclor-1254	782		52	Yes	3	12/16/2004																								
					Aroclor-1260	161		17.3	Yes	1	12/16/2004																								
					Decachlorobiphenyl	335				1	77.2	Yes	12/16/2004																						
					Tetrachloro-meta-xylene	349				1	80.4	Yes	12/16/2004																						

**TABLE G-3 - LOWER DUWAMISH TRIAD SAMPLING EVENT
PCB DATA REVIEW
EPA REGION 8**

Field Sample ID	Lab Sample ID	Sample Description	Analyte	Results*	Qualifier (Lab Qualifier)	Sample RL	Project RL Met?	Dilution	Surrogate % Recovery	Preservation Met?*	Container OK?	Analysis Date	Analysis Hold Time Met?	Reference Sample***	% Completeness OK?****
							20 ppb						6 months (analysis)	Spike = 170 ppb Average = 120 Acceptance = 40-140%	95%
Primary Samples															
SD-307-0001	4344101	Reg Sample	Aroclor-1248	20	U	20	Yes			Yes	Yes	12/30/2004			Yes
			Aroclor-1254	20.2			Yes								
			Aroclor-1260	61.6			Yes								
			Decachlorobiphenyl				114								
SD-307-0002	4344102	Reg Sample	Aroclor-1248	20	U	20	Yes			Yes	Yes	12/30/2004			Yes
			Aroclor-1254	30.1			Yes								
			Aroclor-1260	132			Yes								
			Decachlorobiphenyl				107								
SD-307-003	4344103	Reg Sample	Aroclor-1248	20	U	20	Yes			Yes	Yes	12/30/2004			Yes
			Aroclor-1254	27.2			Yes								
			Aroclor-1260	43.2			Yes								
			Decachlorobiphenyl				125								
SD-309-0001	4344105	Reg Sample	Aroclor-1248	20	U	20	Yes			Yes	Yes	12/30/2004			Yes
			Aroclor-1254	184			Yes								
			Aroclor-1260	69.1			Yes								
			Decachlorobiphenyl				118								
SD-310-0003	4344111	Reg Sample	Aroclor-1248	20	U	20	Yes			Yes	Yes	12/30/2004			Yes
			Aroclor-1254	29.8			Yes								
			Aroclor-1260	35.4			Yes								
			Decachlorobiphenyl				101								
SD-311-0001	4344113	Reg Sample	Aroclor-1248	259			Yes			Yes	Yes	12/30/2004			Yes
			Aroclor-1254	1110			Yes								
			Aroclor-1260	217			Yes								
			Decachlorobiphenyl				94								
SD-311-0002	4344114	Reg Sample	Aroclor-1248	1280			Yes			Yes	Yes	12/30/2004			Yes
			Aroclor-1254	4090			Yes								
			Aroclor-1260	419			Yes								
			Decachlorobiphenyl				113								
SD-311-0003	4344115	Reg Sample	Aroclor-1248	703		20	Yes			Yes	Yes	12/30/2004			Yes
			Aroclor-1254	3370			Yes								
			Aroclor-1260	373			Yes								
			Decachlorobiphenyl				120								
SD-312-0001	4344117	Reg Sample	Aroclor-1248	20	U	20	Yes			Yes	Yes	12/30/2004			Yes
			Aroclor-1254	1460			Yes								
			Aroclor-1260	409			Yes								
			Decachlorobiphenyl				103								
SD-313-0001	4344121	Reg Sample	Aroclor-1248	20	U	20	Yes			Yes	Yes	12/30/2004			Yes
			Aroclor-1254	64.2			Yes								
			Aroclor-1260	20	U	20	Yes								
			Decachlorobiphenyl				117								

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Field Sample ID	Lab Sample ID	Sample Description	Analyte	Results*	Qualifier (Lab Qualifier)	Sample RL	Project RL Met?	Dilution	Surrogate % Recovery	Preservation Met?*	Container OK?	Analysis Date	Analysis Hold Time Met?	Reference Sample***	% Completeness OK?****
							20 ppb						6 months (analysis)	Spike = 170 ppb Average = 120 Acceptance = 40-140%	95%
SD-314-0001	4344125	Reg Sample	Aroclor-1248	20	U	20	Yes		119	Yes	Yes				Yes
			Aroclor-1254	20	U	20	Yes								
			Aroclor-1260	20	U	20	Yes								
			Decachlorobiphenyl												
SD-316-0002	4344134	Reg Sample	Aroclor-1248	146			Yes		104	Yes	Yes	12/30/2004			Yes
			Aroclor-1254	513			Yes								
			Aroclor-1260	120			Yes								
			Decachlorobiphenyl												
SD-319-0002	4344146	Reg Sample	Aroclor-1248	20		20	Yes		127	Yes	Yes	12/30/2004			Yes
			Aroclor-1254	36.2			Yes								
			Aroclor-1260	96.7			Yes								
			Decachlorobiphenyl												
SD-321-0003	4344155	Reg Sample	Aroclor-1248	20	U	20	Yes		124	Yes	Yes	12/30/2004			Yes
			Aroclor-1254	109			Yes								
			Aroclor-1260	183			Yes								
			Decachlorobiphenyl												
SD-322-0001	4344159	Reg Sample	Aroclor-1248	420			Yes		128	Yes	Yes	12/30/2004			Yes
			Aroclor-1254	482			Yes								
			Aroclor-1260	61.2			Yes								
			Decachlorobiphenyl												
SD-322-0005	4344163	Reg Sample	Aroclor-1248	63.2			Yes		114	Yes	Yes	12/30/2004			Yes
			Aroclor-1254	147			Yes								
			Aroclor-1260	21.6			Yes								
			Decachlorobiphenyl												
SD-326-0001	4344170	Reg Sample	Aroclor-1248	179			Yes		105	Yes	Yes	12/30/2004			Yes
			Aroclor-1254	693			Yes								
			Aroclor-1260	99.3			Yes								
			Decachlorobiphenyl												
SD-327-0002	4344171	Reg Sample	Aroclor-1248	111			Yes		91	Yes	Yes	12/30/2004			Yes
			Aroclor-1254	349			Yes								
			Aroclor-1260	90.8			Yes								
			Decachlorobiphenyl												
Primary Samples															
SD-207-0000 (dup SD-433-0000, not analyzed)	4354001	Reg Sample	Aroclor-1248	20	U	20	Yes		62	Yes	Yes	12/30/2004			Yes
			Aroclor-1254	104			Yes								
			Aroclor-1260	41.6			Yes								
			Decachlorobiphenyl												
SD-208-0000	4354002	Reg Sample	Aroclor-1248	34.7			Yes		90	Yes	Yes	12/30/2004			Yes
			Aroclor-1254	190			Yes								
			Aroclor-1260	116			Yes								
			Decachlorobiphenyl												

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Field Sample ID	Lab Sample ID	Sample Description	Analyte	Results*	Qualifier (Lab Qualifier)	Sample RL	Project RL Met?	Dilution	Surrogate % Recovery	Preservation Met?*	Container OK?	Analysis Date	Analysis Hold Time Met?	Reference Sample**	% Completeness OK?****
							20 ppb						6 months (analysis)	Spike = 170 ppb Average = 120 Acceptance = 40-140%	95%
SD-209-0000	4354003	Reg Sample	Aroclor-1248	20	U	20	Yes			Yes	Yes	12/30/2004			Yes
			Aroclor-1254	57.5			Yes								
			Aroclor-1260	20.2			Yes								
			Decachlorobiphenyl				74								
SD-212-0000	4354006	Reg Sample	Aroclor-1248	20	U	20	Yes			Yes	Yes	12/30/2004			Yes
			Aroclor-1254	48.9			Yes								
			Aroclor-1260	20	U	20	Yes								
			Decachlorobiphenyl				63								
SD-217-0000	4354011	Reg Sample	Aroclor-1248	48.3			Yes			Yes	Yes	12/30/2004			Yes
			Aroclor-1254	201			Yes								
			Aroclor-1260	43.4			Yes								
			Decachlorobiphenyl				78								
SD-331-0000	4354013	Reg Sample	Aroclor-1248	DNR						Yes	Yes				Yes
			Aroclor-1254	DNR											
			Aroclor-1260	DNR											
			Decachlorobiphenyl				dnr								
SD-332-0000	4354014	Reg Sample	Aroclor-1248	75.9			Yes			Yes	Yes	12/30/2004			Yes
			Aroclor-1254	227			Yes								
			Aroclor-1260	58.3			Yes								
			Decachlorobiphenyl				102								
SD-337-0000	4354019	Reg Sample	Aroclor-1248	215			Yes			Yes	Yes	12/30/2004			Yes
			Aroclor-1254	719			Yes								
			Aroclor-1260	304			Yes								
			Decachlorobiphenyl				77								
SD-341-0000	4354023	Duplicate of SD-333-0000	Aroclor-1248	20	U	20	Yes			Yes	Yes	12/30/2004			Yes
			Aroclor-1254	1170			Yes								
			Aroclor-1260	228			Yes								
			Decachlorobiphenyl				113								
SD-342-0000	4354024	Duplicate of SD-338-0000	Aroclor-1248	113			Yes			Yes	Yes	12/30/2004			Yes
			Aroclor-1254	3290			Yes								
			Aroclor-1260	236			Yes								
			Decachlorobiphenyl				76								
SD-345-000	4354027	Reg Sample	Aroclor-1248	20		20	Yes			Yes	Yes	12/30/2004			Yes
			Aroclor-1254	124			Yes								
			Aroclor-1260	58.1			Yes								
			Decachlorobiphenyl				120								
SD-431 (dup SD-333-0000, not analyzed)	4354031	Reg Sample	Aroclor-1248	20	U	20	Yes			Yes	Yes	12/30/2004			Yes
			Aroclor-1254	238			Yes								
			Aroclor-1260	65.4			Yes								
			Decachlorobiphenyl				106								

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Field Sample ID	Lab Sample ID	Sample Description	Analyte	Results*	Qualifier (Lab Qualifier)	Sample RL	Project RL Met?	Dilution	Surrogate % Recovery	Preservation Met?*	Container OK?	Analysis Date	Analysis Hold Time Met?	Reference Sample***	% Completeness OK?****
							20 ppb						6 months (analysis)	Spike = 170 ppb Average = 120 Acceptance = 40-140%	95%
Reference Samples															
SQI		Sequim Reference (spiked at ? ppb)	Aroclor-1248	20	U	20	Yes			Yes	Yes			No	Yes
			Aroclor-1254	46.9			Yes								
			Aroclor-1260	20	U	20	Yes								
			Decachlorobiphenyl												
SQI		Sequim Reference (spiked at ? ppb)	Aroclor-1248	20	U	20	Yes			Yes	Yes			No	Yes
			Aroclor-1254	57.6			Yes								
			Aroclor-1260	20	U	20	Yes								
			Decachlorobiphenyl												
Method QC															
Matrix Spike															
		MS	Aroclor-1254												
			Aroclor-1260												
			Decachlorobiphenyl												
Matrix Spike Duplicate															
		MSD	Aroclor-1254												
			Aroclor-1260												
			Decachlorobiphenyl												
Matrix Spike															
		MS	Aroclor-1254												
			Aroclor-1260												
			Decachlorobiphenyl												
Matrix Spike Duplicate															
		MSD	Aroclor-1254												
			Aroclor-1260												
			Decachlorobiphenyl												
Laboratory Control Sample															
		LCS	Aroclor-1254												
			Aroclor-1260												
			Decachlorobiphenyl												
		LCS	Aroclor-1254												
			Aroclor-1260												
			Decachlorobiphenyl												
Method Blanks															
		Blank	Aroclor-1248												
			Aroclor-1254												
			Aroclor-1260												
			Decachlorobiphenyl												
		Blank	Aroclor-1248												
			Aroclor-1254												
			Aroclor-1260												
			Decachlorobiphenyl												

Blank cells - data is not available

*Surrogates, LCS's and MS/MSD's are only reported in % recovery in the Region 8 LIMS.

**Preservation based on PSEP requirements for organic parameters (hold time is 1 year when frozen)

***Sequim sediment reference limits derived from information received from EPA Region 10 (Steve Reimer - "SQ-1 had a spiked value of 170 ug/kg when created, early historical results averaged 120 ug/kg. No control limits have been set in this laboratory.")

****Assume 100% per John Wakeman

NC = value not calculated

DNR - did not report; sample lost during preparation at the laboratory