

Project Name/Location: Columbia River Channel Improvement, RM 10+00 to 11+10, Flavel	Contract Number: W9127N-05-C-0012
Date: 07/03/2005	John Cannon (COE) present during testing.

	Sample Point	Depth (ft)	Time	X Coordinate	Y Coordinate	Turbidity (NTU)	DO (Mg/L)
Dredging	DR-1	19.6	8:19:04	7339454.89	938176.89	4.7	
Load Number Load 438	DR-2	20.2	8:21:27	7340079.9	938369.54	17.5	9.9
Tidal Stage Flood	DR-2R1	19.8	8:21:33	7340092.55	938369.01	15.9	9.2
Dredge State: Overflow through skimmers only	DR-4	19.8	8:22:52	7340527.36	938460.19	18.9	
Weather: Clear	DR-4R1	19.9	8:22:58	7340531.83	938466.08	13.8	
Wind: 0-5 kts	DR-3	18.0	8:24:33	7339525.75	938654.52	4.2	
Seas: 1'-2'							
Disposal location Columbia River DWS							

Remarks:	Action Taken:
DR-4 out of compliance, taken in the plume.	Retest DR-4R1 was taken.
DR-2 out of compliance, taken in the plume.	Retest DR-2R1 was taken.
DR-3 not taken in the plume.	Dredge moved away from area where the non-compliance occurred while continuing dredging.

Sample Point Key	All Tests Conducted With YSI 6600	Turbidity Compliance	DO Compliance
DR-1	Background - 100' Up Current, Within 600-Foot of Channel	OR WA WA	OR, WA Not Required Not Required
DR-2	100' Down Current		
DR-3	300' Radially from point of dredge (Port or Starboard)		
DR-4	900' Down Current from point of dredging		
Rx	Indicates a Re-Test where (x) is the Re-Test number for that particular point		

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Dredging	Sample Point	Depth (ft)	Time	X Coordinate	Y Coordinate	Turbidity (NTU)	DO (Mg/L)
Load Number Load 439	DR-1	20.1	12:15:57	7339898.64	938079.08	2.7	
Tidal Stage Flood	DR-2	19.6	12:17:20	7340478.65	938206.72	20.0	9.1
Dredge State: Overflow through skimmers only	DR-2R1	18.6	12:17:37	7340533.22	938198.34	17.5	8.5
Weather: Clear	DR-4	19.0	12:18:43	7341144.02	938154.36	14.7	
Wind: 0-5 kts	DR-4R1	18.7	12:18:49	7341165.11	938153.47	13.7	
Seas: 1'-2'	DR-3	19.4	12:20:51	7339812.78	938447.73	3.1	
Disposal location Columbia River DWS							

Remarks:	Action Taken:
DR-2 out of compliance, taken in the plume.	Retest DR-2R1 was taken.
DR-4 out of compliance, taken in the plume.	Retest DR-4R1 was taken.
	Dredge moved away from area where the non-compliance occurred
	while continuing dredging.

Sample Point Key	All Tests Conducted With YSI 6600	Turbidity Compliance	DO Compliance
DR-1	Background - 100' Up Current, Within 600-Foot of Channel		
DR-2	100' Down Current	OR	OR, WA
DR-3	300' Radially from point of dredge (Port or Starboard)	WA	Not Required
DR-4	900' Down Current from point of dredging	WA	Not Required
Rx	Indicates a Re-Test where (x) is the Re-Test number for that particular point		

Project Name/Location: Columbia River Channel Improvement, RM 10+00 to 11+10, Flavel	Contract Number: W9127N-05-C-0012
Date: 07/03/2005	John Cannon notified at 16:20.

	Sample Point	Depth (ft)	Time	X Coordinate	Y Coordinate	Turbidity (NTU)	DO (Mg/L)
Dredging	DR-1	19.6	16:00:45	7337803.03	938581.26	2.4	
Load Number Load 440	DR-2	19.3	16:03:40	7337687.18	938939.02	15.3	9.3
Tidal Stage Ebb	DR-2R1	18.8	16:03:43	7337683.22	938945.27	13.7	9.2
Dredge State: Overflow through skimmers only.	DR-4	18.1	16:05:42	7337295.86	939077.24	4.2	
Weather: Clear	DR-3	17.7	16:10:38	7339061.18	938759.29	13.1	
Wind: 5 - 10 kts	DR-3R1	17.2	16:10:43	7339056.97	938759.47	9.8	
Seas: 2' - 3'							
Disposal location Columbia River DWS							

Remarks:	Action Taken:
DR-2 out of compliance, taken in the plume.	Retest DR-2R1 was taken.
DR-3 out of compliance, taken in the plume.	Retest DR-3R1 was taken.
	Dredge moved away from area where the non-compliance occurred while continuing dredging.

Sample Point Key	All Tests Conducted With YSI 6600	Turbidity Compliance	DO Compliance
DR-1	Background - 100' Up Current, Within 600-Foot of Channel	OR WA WA	OR, WA Not Required Not Required
DR-2	100' Down Current		
DR-3	300' Radially from point of dredge (Port or Starboard)		
DR-4	900' Down Current from point of dredging		
Rx	Indicates a Re-Test where (x) is the Re-Test number for that particular point		

Project Name/Location: Columbia River Channel Improvement, RM 10+00 to 11+10, Flavel
Date: 07/03/2005
Contract Number: W9127N-05-C-0012
 John Cannon notified at 20:30.

Dredging	Sample Point	Depth (ft)	Time	X Coordinate	Y Coordinate	Turbidity (NTU)	DO (Mg/L)
Load Number Load 441	DR-1	21.0	20:01:34	7340511.74	938089.74	3.5	
Tidal Stage Flood	DR-2	20.1	20:03:59	7340943.62	938412.23	2.9	8.3
Dredge State: Overflow through skimmers only	DR-4	20.1	20:05:54	7341371.14	938430.73	3.9	
Weather: Clear	DR-3	21.7	20:09:04	7340098.57	938612.11	3.1	
Wind: 5 - 10 kts							
Seas: 1' - 2'							
Disposal location Columbia River DWS							

Remarks:	Action Taken:
All samples were within compliance, however, the surface water had a slack condition. There was not a strong current in either direction.	

Sample Point Key	All Tests Conducted With YSI 6600	Turbidity Compliance	DO Compliance
DR-1	Background - 100' Up Current, Within 600-Foot of Channel		
DR-2	100' Down Current	OR	OR, WA
DR-3	300' Radially from point of dredge (Port or Starboard)	WA	Not Required
DR-4	900' Down Current from point of dredging	WA	Not Required
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