

Project Name/Location: Columbia River Channel Improvement, RM 10+00 to 11+10, Flavel
Date: 06/30/2005
Contract Number: W9127N-05-C-0012

Dredging	Sample Point	Depth (ft)	Time	X Coordinate	Y Coordinate	Turbidity (NTU)	DO (Mg/L)
Load Number Load 421	DR-1	19.8	6:58:30	7340288.97	938117.38	5.4	
Tidal Stage Flood	DR-2	18.8	7:01:02	7341522.84	938120.16	5.2	9.3
Dredge State: Overflow through skimmers only	DR-4	20.4	7:03:40	7342686.52	938563.99	6.3	
Weather: Overcast	DR-3	20.4	7:05:31	7342045.06	938481.46	8.1	
Wind: 0-5 kts							
Seas: 1' - 2'							
Disposal location Columbia River DWS							

Remarks:	Action Taken:
All samples within compliance	
No visible plume.	

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		

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 John Cannon (COE) present during sampling.

Dredging	Sample Point	Depth (ft)	Time	X Coordinate	Y Coordinate	Turbidity (NTU)	DO (Mg/L)
Load Number Load 422	DR-1	20.2	10:47:08	7337886.21	937750.35	3.8	
Tidal Stage Ebb	DR-2	20.8	10:49:00	7337513.84	938137.20	24.7	8.5
Dredge State: Overflow through skimmers only	DR-2R1	20.7	10:49:09	7337497.74	938156.14	26.0	8.4
Weather: Overcast	DR-4	21.4	10:50:52	7336920.37	938490.83	11.6	
Wind: 5-10 kts	DR-4R1	21.4	10:50:58	7336916.15	938491.01	10.5	
Seas: 1' - 2'	DR-3	19.8	10:53:01	7337659.92	938094.52	12.3	
Disposal location Columbia River DWS	DR-3R1	20.2	10:53:14	7337664.91	938112.56	15.0	

Remarks:	Action Taken:
DR-2 out of compliance	Retest DR-2R1 was taken
DR-3 out of compliance	Retest DR-3R1 was taken
DR-4 out of compliance	Retest DR-4R1 was taken
DR-2 thru DR-4 were taken in the plume	Dredging ceased after final sample

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		

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 John Cannon (COE) present during sampling.

Dredging	Sample Point	Depth (ft)	Time	X Coordinate	Y Coordinate	Turbidity (NTU)	DO (Mg/L)
Load Number Load 423	DR-1	22.1	14:47:46	7338701.98	937356.94	3.0	
Tidal Stage Ebb	DR-2	21.3	14:52:25	7338828.46	937850.47	35.6	9.1
Dredge State: Overflow through skimmers only	DR-2R1	21.0	14:52:39	7338807.88	937863.51	33.0	9.1
Weather: Overcast	DR-4	20.5	14:54:45	7338994.88	937989.46	28.3	
Wind: 5-10 kts	DR-4R1	20.6	14:54:54	7338986.71	937995.88	24.6	
Seas: 1' - 2'	DR-3	20.8	14:58:55	7339841.73	937631.28	2.9	
Disposal location Columbia River DWS							

Remarks:	Action Taken:
DR-2 out of compliance.	Re-test DR-2R1 taken.
DR-4 out of compliance.	Re-test DR-4R1 taken.
Samples DR-2 and DR-4 were taken in the plume.	Dredging ceased after final sample.

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 4+20 to 6+00, Lower Desdemona	Contract Number: W9127N-05-C-0012
Date: 06/30/2005	John Cannon (COE) notified at 20:05

	Sample Point	Depth (ft)	Time	X Coordinate	Y Coordinate	Turbidity (NTU)	DO (Mg/L)
Dredging	DR-1	21.2	19:48:28	7315116.23	960062.63	1.9	
Load Number Load 424	DR-2	19.7	19:50:27	7315463.53	959603.40	21.4	8.5
Tidal Stage Flood	DR-2R1	19.2	19:50:33	7315475.91	959596.78	16.8	8.4
Dredge State:	DR-4	21.6	19:51:13	7315597.30	959573.26	4.7	
No Overflow	DR-3	20.0	19:54:10	7314920.05	960016.39	19.7	
Weather: Cloudy	DR-3R1	20.3	19:54:14	7314928.48	960016.03	14.1	
Wind: 10-15 kts							
Seas: 3' - 4'							
Disposal location Columbia River DWS							

Remarks:	Action Taken:
DR-2 out of compliance.	Re-test DR-2R1 taken.
DR-3 out of compliance.	Re-test DR-3R1 taken.
Samples DR-2 and DR-3 were taken in the plume.	Dredge left the cut (Lower Desdemona, RM 4+20 to 6+00) completely and moved to RM 10+00 to 11+10 (Flavel).

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