

<b>Project Name/Location:</b> Columbia River Channel Improvement, RM 10+00 to 11+10, Flavel	<b>Contract Number:</b> W9127N-05-C-0012
<b>Date:</b> 07/06/2005	John Cannon contacted at 7:45.

	Sample Point	Depth (ft)	Time	X Coordinate	Y Coordinate	Turbidity (NTU)	DO (Mg/L)
<b>Dredging</b>	DR-1	20.5	7:18:11	7336914.19	938843.95	6.3	
<b>Load Number</b> Load 455	DR-2	19.8	7:23:53	7336628.78	939287.98	7.2	8.4
<b>Tidal Stage</b> Ebb	DR-2R1	20.5	7:24:05	7336567.32	939333.17	8.3	8.2
<b>Dredge State:</b> Side Discharge & Overflow through skimmers	DR-4	19.2	7:25:15	7335749.25	939769.35	14.6	
<b>Weather:</b> Overcast	DR-4R1	19.5	7:25:20	7335720.24	939782.75	12.0	
<b>Wind:</b> 5-10 kts	DR-3	20.7	7:27:34	7337427.16	939284.62	7.6	
<b>Seas:</b> 0'-1'							
<b>Disposal location</b> Columbia River DWS							

Remarks:	Action Taken:
Test DR-2 not in compliance, taken in the plume.	Retest DR-2R1 was taken.
Test DR-4 not in compliance, taken in the plume.	Retest DR-4R1 was taken.
Test DR-3 taken on port side; not in 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		
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  
**Date:** 07/06/2005  
**Contract Number:** W9127N-05-C-0012  
 John Cannon contacted at 14:30 at dock after sampling.

<b>Dredging</b>	<b>Sample Point</b>	<b>Depth (ft)</b>	<b>Time</b>	<b>X Coordinate</b>	<b>Y Coordinate</b>	<b>Turbidity (NTU)</b>	<b>DO (Mg/L)</b>
<b>Load Number</b> Load 456	DR-1	20.8	14:06:28	7338331.96	938199.96	3.6	
<b>Tidal Stage</b> Flood	DR-2	19.5	14:09:24	7338490.98	938363.59	12.4	8.7
<b>Dredge State:</b> Side Discharge & Overflow through skimmers	DR-2R1	19.5	14:09:31	7338503.38	938356.98	8.5	8.5
<b>Weather:</b> Overcast	DR-3	20.6	14:16:26	7337212.52	938405.47	4.2	
<b>Wind:</b> 5-10 kts	DR-4	19.4	14:12:39	7338732.13	938170.89	16.1	
<b>Seas:</b> 0'-1'	DR-4R1	20.2	14:12:44	7338736.09	938164.64	15.7	
<b>Disposal location</b> In water 09							

<b>Remarks:</b>	<b>Action Taken:</b>
Test DR-2 not in compliance, taken in the plume.	Retest DR-2R1 was taken.
Test DR-4 not in compliance, taken in the plume.	Retest DR-4R1 was taken.
Test DR-3 taken on stbd side; not in plume.	Dredge moved away from area where the non-compliance occurred while continuing dredging.

<b>Sample Point Key</b>	<b>All Tests Conducted With YSI 6600</b>	<b>Turbidity Compliance</b>	<b>DO Compliance</b>
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		

<b>Project Name/Location:</b> Columbia River Channel Improvement, RM 10+00 to 11+10, Flavel	<b>Contract Number:</b> W9127N-05-C-0012
<b>Date:</b> 07/06/2005	John Cannon was onboard during testing.

	Sample Point	Depth (ft)	Time	X Coordinate	Y Coordinate	Turbidity (NTU)	DO (Mg/L)
<b>Dredging</b>	DR-1	19.6	15:21:42	7338942.59	937851.74	2.8	
<b>Load Number</b> Load 457	DR-2	20.1	15:23:55	7338856.50	938214.31	28.7	8.8
<b>Tidal Stage</b> Ebb	DR-2R1	19.9	15:23:58	7338860.97	938220.21	28.1	8.7
<b>Dredge State:</b> Side Discharge & Overflow through skimmers	DR-4	20.3	15:26:46	7338732.13	938170.89	16.6	
<b>Weather:</b> Clear	DR-4R1	20.4	15:26:50	7338736.09	938164.64	12.4	
<b>Wind:</b> 0-5 kts	DR-3	20.8	15:29:54	7339908.07	937701.49	14.3	
<b>Seas:</b> 0'-1'	DR-3R1	20.9	15:29:57	7339916.50	937701.14	10.9	
<b>Disposal location</b> In water 09							

Remarks:	Action Taken:
Test DR-2 not in compliance, taken in the plume.	Retest DR-2R1 was taken.
Test DR-3 not in compliance, not in plume, on stbd side.	Retest DR-3R1 was taken.
Test DR-4 not in 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		

<b>Project Name/Location:</b> Columbia River Channel Improvement, RM 10+00 to 11+10, Flavel	<b>Contract Number:</b> W9127N-05-C-0012
<b>Date:</b> 07/06/2005	John Cannon onboard during testing.

	Sample Point	Depth (ft)	Time	X Coordinate	Y Coordinate	Turbidity (NTU)	DO (Mg/L)
<b>Dredging</b>	DR-1	21.0	16:14:31	7338266.16	938342.67	3.3	
<b>Load Number</b> Load 458	DR-2	20.6	16:16:58	7338337.53	938631.68	22.3	8.5
<b>Tidal Stage</b> Ebb	DR-2R1	20.5	16:17:01	7338333.31	938631.86	22.2	8.7
<b>Dredge State:</b> Side Discharge & Overflow through skimmers	DR-4	19.9	16:19:39	7337914.92	938929.39	12.8	
<b>Weather:</b> Clear	DR-4R1	19.6	16:19:44	7337906.23	938923.67	8.9	
<b>Wind:</b> 0-5 kts	DR-3	19.4	16:22:23	7338685.96	937978.16	13.6	
<b>Seas:</b> 0'-1'	DR-3R1	18.6	16:22:27	7338690.18	937977.98	10.4	
<b>Disposal location</b> Columbia River DWS							

Remarks:	Action Taken:
Test DR-2 not in compliance, taken in the plume.	Retest DR-2R1 was taken.
Test DR-3 not in compliance, not in plume, on stbd side.	Retest DR-3R1 was taken.
Test DR-4 not in 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		

<u>Project Name/Location:</u> Columbia River Channel Improvement, RM 10+00 to 11+10, Flavel		Contract Number: W9127N-05-C-0012					
<b>Date: 07/06/2005</b>		John Cannon onboard during dredge while testing, notified at 20:50.					
<b>Dredging</b>	<b>Sample Point</b>	<b>Depth (ft)</b>	<b>Time</b>	<b>X Coordinate</b>	<b>Y Coordinate</b>	<b>Turbidity (NTU)</b>	<b>DO (Mg/L)</b>
<b>Load Number</b>	DR-1	19.6	20:20:36	7337199.44	938795.38	3.7	
Load 459	DR-2	21.8	20:22:31	7337156.43	939077.06	6.7	8.6
<b>Tidal Stage</b>	DR-2R1	21.8	20:22:35	7337148.00	939077.41	5.3	8.7
Ebb	DR-4	20.8	20:24:48			16.0	
<b>Dredge State:</b>	DR-4R1	21.2	20:24:52			12.2	
Side Discharge &	DR-3	21.3	20:28:12			12.2	
Overflow through	DR-3R1	20.8	20:28:16			9.6	
skimmers							
<b>Weather:</b>							
Clear							
<b>Wind:</b>							
5-10 kts							
<b>Seas:</b>							
1'-2'							
<b>Disposal location</b>							
In water 09							
<b>Remarks:</b>				<b>Action Taken:</b>			
Test DR-2 not in compliance, taken in the plume.				Retest DR-2R1 was taken.			
Test DR-3 not in compliance, not in plume, on stbd side.				Retest DR-3R1 was taken.			
Test DR-4 not in compliance, taken in the plume.				Retest DR-4R1 was taken.			
There are no x and y coordinates recorded for tests DR-3 to DR-4 because the GPS stopped recording due to power failure.				Dredge moved away from area where the non-compliance occurred while continuing dredging.			
<b>Sample Point Key</b>	<b>All Tests Conducted With YSI 6600</b>					<b>Turbidity Compliance</b>	<b>DO Compliance</b>
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						

<b>Project Name/Location:</b> Columbia River Channel Improvement, RM 10+00 to 11+10, Flavel	<b>Contract Number:</b> W9127N-05-C-0012
<b>Date:</b> 07/06/2005	John Cannon onboard during testing.

	Sample Point	Depth (ft)	Time	X Coordinate	Y Coordinate	Turbidity (NTU)	DO (Mg/L)
<b>Dredging</b>	DSP-1	20.1	21:16:15	7337246.33	938105.93	3.4	
<b>Load Number</b>	DSP-3	21.4	21:18:34	7335639.44	939670.58	11.7	
Load 459	DSP-3R1	21.0	21:18:39	7335635.48	939676.84	9.1	
<b>Tidal Stage</b>	DSP-2	21.4	21:20:09	7335324.00	939604.86	3.6	8.5
Ebb	DSP-4	20.1	21:22:20	7335703.61	939290.67	13.6	
<b>Dredge State:</b>	DSP-4R1	21.6	21:22:25	7335707.83	939290.49	10.0	
Dumping							
<b>Weather:</b>							
Dusk							
<b>Wind:</b>							
5-10 kts							
<b>Seas:</b>							
1'-2'							
<b>Disposal location</b>							
In water 09							

Remarks:	Action Taken:
DSP-3 out of compliance, taken out of plume on stbd side.	Retest DSP-3R1 was taken.
DSP-4 out of compliance, taken in the plume.	Retest DSP-4R1 was taken.
No in water disposal test for flood tide today.	Disposal was complete by the time testing was finished.
	The dredge moved back to the dredging area.

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		