

COLUMBIA RIVER CHANNEL IMPROVEMENTS - DREDGING

DREDGE OREGON		Contract Number: W9127N-06-C-ORSL					
Project Name/Location:		Columbia River Channel Improvement, Oregon Slough RM 0 to 1					
1/24/2006							
Dredge	Sample Point	Depth (ft)	Time	X-Coordinate	Y-Coordinate	Turbidity (NTU)	DO (Mg/L)
OREGON	DRP-1 (21)	19.8	7:47:50	7629377.6	725411.1	6.0	<i>Not Required</i>
	DRP-2 (22)	20.1	8:07:18	7629243.4	725786.5	6.2	12.6
Tidal Stage Ebb	DSPP-1 (11)	20.0	8:14:33	7625728.7	730242.1	6.6	<i>Not Required</i>
	DSPP-2 (12)	20.0	8:17:46	7625670.4	730390.0	6.4	12.5
Weather: Very foggy and cold							
Wind: Calm							
Seas: Calm							
Disposal location In-water (Kelly Point)		All coordinates are Oregon State Plane North 3601; Datum: NAD 83 Sample point numbers in parenthesis correspond with YSI logged data.					
Remarks: No exceedances. Dredge notified us between dredge samples to stand by due to dredge technical difficulties, resulting in a short delay between DRP-1 and DRP-2.				Action Taken: None required.			
Sample Point Key	All Tests Conducted With YSI 6600			Turbidity Compliance	DO Compliance		
DRP-1	at least 100 ft up current of cutterhead			NA	<i>Not Required</i>		
DRP-2	100 ft down current of the cutterhead			Yes (OR)	Yes (OR)		
DSPP-1	at least 100 ft up current of end scow (background)			NA	<i>Not Required</i>		
DSPP-2	100 ft down current of the end scow			Yes (OR)	Yes (OR)		
Rx	Indicates a re-test where (x) is the re-test number for that particular point						

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Dredge	Sample Point	Depth (ft)	Time	X-Coordinate	Y-Coordinate	Turbidity (NTU)	DO (Mg/L)
OREGON	DRP-1 (21)	19.9	9:46:21	7629353.2	725447.9	5.9	<i>Not Required</i>
	DRP-2 (22)	20.3	9:50:14	7629076.4	725604.4	6.0	12.6
Tidal Stage Ebb	DSPP-1 (11)	19.9	10:02:33	7625893.5	730344.7	34.0	<i>Not Required</i>
	DSPP-2 (12)	19.8	10:04:44	7625775.7	730520.6	6.4	12.6
Weather: Very foggy and cold							
Wind: Calm							
Seas: Calm							
Disposal location In-water (Kelly Point)		All coordinates are Oregon State Plane North 3601; Datum: NAD 83 Sample point numbers in parenthesis correspond with YSI logged data.					
Remarks: No exceedances.				Action Taken: None required.			
Sample Point Key	All Tests Conducted With YSI 6600					Turbidity Compliance	DO Compliance
DRP-1	at least 100 ft up current of cutterhead					NA	<i>Not Required</i>
DRP-2	100 ft down current of the cutterhead					Yes (OR)	Yes (OR)
DSPP-1	at least 100 ft up current of end scow (background)					NA	<i>Not Required</i>
DSPP-2	100 ft down current of the end scow					Yes (OR)	Yes (OR)
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Dredge	Sample Point	Depth (ft)	Time	X-Coordinate	Y-Coordinate	Turbidity (NTU)	DO (Mg/L)	
OREGON	DRP-1 (21)	20.1	13:24:41	7629338.7	725422.0	5.9	Not Required	
	DRP-2 (22)	18.0	13:29:05	7629127.9	725775.5	5.8	12.7	
Tidal Stage Ebb	DSPP-1 (11)	19.7	13:43:05	0.0	0.0	6.2	Not Required	
	DSPP-2 (12)	20.3	13:45:01	7625736.7	730600.8	8.1	12.7	
Weather: Sunny, clear								
Wind: Light								
Seas: Light chop								
Disposal location In-water (Kelly Point)		All coordinates are Oregon State Plane North 3601; Datum: NAD 83 Sample point numbers in parenthesis correspond with YSI logged data.						
Remarks: DSPP-1 exceeded 10% over background Dredge was shutdown for ship movement and cleanout between 1010 - 1315. Coordinates for DSPP-1 were missed.				Action Taken: End scow moved to another disposal location away from the point of exceedance to reduce further increases in turbidity.				
All Tests Conducted With YSI 6600						Turbidity Compliance	DO Compliance	
DRP-1	at least 100 ft up current of cutterhead					NA	Not Required	
DRP-2	100 ft down current of the cutterhead					Yes (OR)	Yes (OR)	
DSPP-1	at least 100 ft up current of end scow (background)					NA	Not Required	
DSPP-2	100 ft down current of the end scow					Yes (OR)	Yes (OR)	
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Dredge	Sample Point	Depth (ft)	Time	X-Coordinate	Y-Coordinate	Turbidity (NTU)	DO (Mg/L)
OREGON	DRP-1 (21)	20.0	15:19:49	7629337.6	725454.2	5.8	Not Required
	DRP-2 (22)	19.8	15:24:09	7629126.7	725806.2	6.0	12.7
Tidal Stage Ebb	DSPP-1 (11)	19.9	15:29:43	7625845.4	730507.7	6.2	Not Required
	DSPP-2 (12)	19.9	15:31:38	7625808.2	730640.8	8.6	12.7
Weather: Sunny, clear							
Wind: 0-5 knts							
Seas: Light Chop							
Disposal location In-water (Kelly Point)		All coordinates are Oregon State Plane North 3601; Datum: NAD 83 Sample point numbers in parenthesis correspond with YSI logged data.					
Remarks: DSPP-1 exceeded 10% over background				Action Taken: End scow moved to another disposal location away from the point of exceedance to reduce further increases in turbidity.			
Sample Point Key	All Tests Conducted With YSI 6600			Turbidity Compliance	DO Compliance		
DRP-1	at least 100 ft up current of cutterhead			NA	Not Required		
DRP-2	100 ft down current of the cutterhead			Yes (OR)	Yes (OR)		
DSPP-1	at least 100 ft up current of end scow (background)			NA	Not Required		
DSPP-2	100 ft down current of the end scow			Yes (OR)	Yes (OR)		
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