

COLUMBIA RIVER CHANNEL IMPROVEMENTS - DREDGING

DREDGE OREGON		Contract Number: W9127N-06-C-CRCI					
<b>Project Name/Location:</b> Columbia River Channel Improvement, RM 101+10 to 100+40 <b>12/17/2005</b>							
Dredge	Sample Point	Depth (ft)	Time	X-Coordinate	Y-Coordinate	Turbidity (NTU)	DO (Mg/L)
OREGON	DRP-1 (21)	***	***	***	***	***	NA
	DRP-2 (22)	***	***	***	***	***	***
	DRP-3 (23)	***	***	***	***	***	NA
	DRP-4 (24)	***	***	***	***	***	NA
<b>Tidal Stage</b>							
Ebb							
<b>Weather:</b>							
Clear, Cold	Retest @ point of exceedance						
<b>Wind:</b>							
5-10 kts							
<b>Seas:</b>							
1-2'							
<b>Disposal location</b>	All coordinates are Oregon State Plane North 3601; Datum: NAD 83						
Gateway (upland)							
<b>Remarks:</b>				<b>Action Taken:</b>			
No exceedances.				None required.			
*** The dredge shut down at 0600 so there was no dredging during the compliance sampling window.							
Sample point numbers in parenthesis correspond with YSI 650 MDS logged data.							
Sample Point Key	All Tests Conducted With YSI 6600					Turbidity Compliance	DO Compliance
DRP-1	Background - 100' Up Current, Within 600-Foot of Channel					N/A	Not Required
DRP-2	100' Down Current of the Cutterhead					OR	OR, WA
DRP-3	300' Down Current of the Cutterhead					WA	Not Required
DRP-4	150' lateral of the cutterhead (Port or Starboard)					WA	Not Required
DRPT	Indicates additional testing at the point of exceedance						
Rx	Indicates a Re-Test where (x) is the Re-Test number for that particular point						

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<b>Dredge</b> Oregon <b>Tidal Stage</b> Ebb  <b>Weather:</b> Clear, cold <b>Wind:</b> 5-10 kts <b>Seas:</b> 1-2' <b>Disposal location</b> Gateway (Upland)	<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>
	DSPP-1 (11)	20.1	7:30:21	7623880.2	735535.4	6.9	NA
	DSPP-2 (12)	19.7	7:36:49	7623787.2	735766.4	NA	13.1
	DSPP-3 (13)	20.1	7:41:14	7623521.8	736181.6	8.0	NA
		<b>Retest @ point of exceedance</b>					
		All coordinates are Oregon State Plane North 3601; Datum: NAD 83					
<b>Remarks:</b> No exceedances.				<b>Action Taken:</b> None required.			
Sample point numbers in parenthesis correspond with YSI 650 MDS logged data.							
<b>Sample Point Key</b>	<b>All Tests Conducted With YSI 6600</b>					<b>Turbidity Compliance</b>	<b>DO Compliance</b>
DSPP-1	100' up current (background) within 600' channel					N/A	N/A
DSPP-2	100' down current from the discharge					Not Required	WA
DSPP-3	600' down current, 150' lateral to the discharge					WA	Not Required
DSPPT	Indicates additional testing at the point of exceedence						
Rx	Indicates a Re-Test where (x) is the Re-Test number for that particular point						

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<b>Dredge</b> <i>Oregon</i> <b>Tidal Stage</b> Ebb	<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>
	DSPP-1 (11)	19.9	9:30:03	7623867.0	735484.4	6.4	NA
	DSPP-2 (12)	20.2	9:34:49	0.0	0.0	NA	13.3
	DSPP-2R <sub>1</sub> (12)	20.1	9:37:40	7623785.1	735766.4	NA	13.2
	DSPP-3 (13)	20.3	9:44:26	7623492.4	736183.5	7.0	NA
<b>Weather:</b> Cold, clear	<b>Retest @ point of exceedance</b>						
<b>Wind:</b> 10-20 kts							
<b>Seas:</b> 1-2'							
<b>Disposal location</b> Gateway (Upland)	All coordinates are Oregon State Plane North 3601; Datum: NAD 83						
<b>Remarks:</b>				<b>Action Taken:</b>			
No exceedances.				None required.			
DSPP-2R <sub>1</sub> resampled due to invalid longitude data on first sample.							
Sample point numbers in parenthesis correspond with YSI 650 MDS logged data.							
<b>Sample Point Key</b>	<b>All Tests Conducted With YSI 6600</b>					<b>Turbidity Compliance</b>	<b>DO Compliance</b>
DSPP-1	100' up current (background) within 600' channel					N/A	N/A
DSPP-2	100' down current from the discharge					Not Required	WA
DSPP-3	600' down current, 150' lateral to the discharge					WA	Not Required
DSPPT	Indicates additional testing at the point of exceedance						
Rx	Indicates a Re-Test where (x) is the Re-Test number for that particular point						

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<b>Dredge</b> Oregon <b>Tidal Stage</b> Ebb  <b>Weather:</b> Clear and cold <b>Wind:</b> 10-20 kts <b>Seas:</b> 1-2' <b>Disposal location</b> Gateway (Upland)	<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>
	DSPP-1 (11)	20.2	11:29:50	7623830.3	735497.8	6.7	NA
	DSPP-2 (12)	20.2	11:38:38	7623784.7	735751.1	NA	13.2
	DSPP-3 (13)	20.4	11:42:42	7623488.3	736172.7	7.0	NA
		<b>Retest @ point of exceedance</b>					
		All coordinates are Oregon State Plane North 3601; Datum: NAD 83					
<b>Remarks:</b> No exceedances.				<b>Action Taken:</b> None required.			
Sample point numbers in parenthesis correspond with YSI 650 MDS logged data.							
<b>Sample Point Key</b>	<b>All Tests Conducted With YSI 6600</b>					<b>Turbidity Compliance</b>	<b>DO Compliance</b>
DSPP-1	100' up current (background) within 600' channel					N/A	N/A
DSPP-2	100' down current from the discharge					Not Required	WA
DSPP-3	600' down current, 150' lateral to the discharge					WA	Not Required
DSPPT	Indicates additional testing at the point of exceedence						
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<b>12/17/2005</b>							
<b>Dredge</b> Oregon <b>Tidal Stage</b> Slack  <b>Weather:</b> Clear and cold <b>Wind:</b> 20-25 kts <b>Seas:</b> 1-2' <b>Disposal location</b> Gateway (Upland)	<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>
	DSPP-1 (11)	20.1	13:29:45	7623840.2	735504.5	7.0	NA
	DSPP-2 (12)	20.1	13:38:04	7623782.8	735748.3	NA	13.6
	DSPP-3 (13)	20.4	13:42:35	7623505.9	736172.2	7.1	NA
<b>Retest @ point of exceedance</b>							
All coordinates are Oregon State Plane North 3601; Datum: NAD 83							
<b>Remarks:</b> No exceedances.				<b>Action Taken:</b> None required.			
Sample point numbers in parenthesis correspond with YSI 650 MDS logged data.							
<b>Sample Point Key</b>	<b>All Tests Conducted With YSI 6600</b>					<b>Turbidity Compliance</b>	<b>DO Compliance</b>
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DSPP-2	100' down current from the discharge					Not Required	WA
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<b>Dredge</b> Oregon <b>Tidal Stage</b> Ebb  <b>Weather:</b> Clear and cold <b>Wind:</b> 20-30 kts <b>Seas:</b> 1-2' <b>Disposal location</b> Gateway (Upland)	<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>
	DSPP-1 (11)	20.1	15:29:36	7623840.1	735500.4	6.1	NA
	DSPP-2 (12)	21.6	15:34:59	7623792.6	735750.9	NA	13.7
	DSPP-3 (13)	19.7	15:38:44	7623503.8	736170.8	6.2	NA
		<b>Retest @ point of exceedance</b>					
		All coordinates are Oregon State Plane North 3601; Datum: NAD 83					
<b>Remarks:</b> No exceedances.				<b>Action Taken:</b> None required.			
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