

COLUMBIA RIVER CHANNEL IMPROVEMENTS - DREDGING

<u>DREDGE OREGON</u>		Contract Number: W9127N-06-C-CRCI						
<u>Project Name/Location:</u>		Columbia River Channel Improvement, RM 101+10 to 100+40						
<b>12/21/2005</b>								
<b>Dredge</b> OREGON	<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>	
	DRP-1 (21)	19.9	7:32:35	7623333.5	734201.1	3.9	NA	
	DRP-2 (22)	20.4	7:40:51	7623026.8	734673.0	3.8	13.3	
	<b>Tidal Stage</b>	DRP-3 (23)	19.9	7:44:34	7622964.9	734838.9	4.1	NA
	Ebb	DRP-4 (24)	0.0	7:46:32	7623023.8	734776.3	685.4	NA
		DRP-4R <sub>1</sub> (24)	20.0	7:49:13	7623256.5	734592.8	4.0	NA
<b>Weather:</b>	Retest @ point of exceedance							
Rain, overcast, cold								
<b>Wind:</b>								
5-10 kts								
<b>Seas:</b>								
Light chop								
<b>Disposal location</b>	All coordinates geographic, NAD 83							
Gateway (upland)								
<b>Remarks:</b>				<b>Action Taken:</b>				
No exceedances.				None required.				
DRP-4R <sub>1</sub> (24) reading accomplished due to inadvertent activation								
of YSI while sonde was out of water.								
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>	
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							

COLUMBIA RIVER CHANNEL IMPROVEMENTS - DREDGING

<b>DREDGE OREGON</b>		Contract Number: W9127N-06-C-CRCI					
<b>Project Name/Location:</b>		Columbia River Channel Improvement, RM 101+10 to 100+40					
<b>12/21/2005</b>							
<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)	20.1	7:58:07	7623852.0	735571.2	14.9	NA
	DSSP-1R <sub>1</sub> (11)	19.8	8:03:05	7623840.1	735565.7	3.7	NA
	DSPP-2 (12)	20.2	8:07:43	7623811.1	735779.6	NA	13.3
	DSPP-3 (13)	20.1	8:13:09	7623527.7	736190.9	4.5	NA
<b>Weather:</b> Rain, cold, overcast <b>Wind:</b> 5-10 kts <b>Seas:</b> Light chop <b>Disposal location</b> Gateway (Upland)		<b>Retest @ point of exceedance</b>					
		All coordinates are Oregon State Plane North 3601; Datum: NAD 83					
<b>Remarks:</b>				<b>Action Taken:</b>			
No exceedances.				None required.			
DSSP-1R <sub>1</sub> (11) taken due to apparently high reading on initial 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						

COLUMBIA RIVER CHANNEL IMPROVEMENTS - DREDGING

<b>DREDGE OREGON</b>		Contract Number: W9127N-06-C-CRCI					
<b>Project Name/Location:</b>		Columbia River Channel Improvement, RM 101+10 to 100+40					
<b>12/21/2005</b>							
<b>Dredge</b> Oregon <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)	19.8	9:32:46	7623901.6	735534.8	3.5	NA
	DSPP-2 (12)	20.1	9:37:06	7623816.1	735760.1	NA	13.2
	DSPP-3 (13)	20.1	9:41:20	28792342.2	19747171.7	3.4	NA
	DSPP-3R <sub>1</sub> (13)	20.2	9:44:28	7623510.0	736182.0	3.5	NA
<b>Weather:</b> Cold, rainy, overcast <b>Wind:</b> Light <b>Seas:</b> Light chop <b>Disposal location</b> Gateway (Upland)	<b>Retest @ point of exceedance</b>						
	All coordinates are Oregon State Plane North 3601; Datum: NAD 83						
<b>Remarks:</b>				<b>Action Taken:</b>			
No exceedances.				None required.			
DSPP-3R <sub>1</sub> (13) retake due to bad GPS coordinates on initial reading.							
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						

COLUMBIA RIVER CHANNEL IMPROVEMENTS - DREDGING

<b>DREDGE OREGON</b>		Contract Number: W9127N-06-C-CRCI					
<b>Project Name/Location:</b> Columbia River Channel Improvement, RM 101+10 to 100+40 <b>12/21/2005</b>							
<b>Dredge</b> Oregon <b>Tidal Stage</b> Ebb  <b>Weather:</b> Overcast, cold, rain <b>Wind:</b> Light <b>Seas:</b> Light chop <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)	20.0	11:31:54	7623841.4	735546.4	3.5	NA
	DSPP-2 (12)	19.9	11:37:00	7623814.4	735761.2	NA	13.3
	DSPP-3 (13)	20.0	11:40:57	7623516.1	736187.3	3.5	NA
<b>Retest @ point of exceedance</b>							
All coordinates are Oregon State Plane North 3601; Datum: NAD 83							
				<b>Action Taken:</b>			
				None required.			
<b>Remarks:</b>							
No exceedances.							
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						

COLUMBIA RIVER CHANNEL IMPROVEMENTS - DREDGING

<b>DREDGE OREGON</b>		Contract Number: W9127N-06-C-CRCI					
<b>Project Name/Location:</b> Columbia River Channel Improvement, RM 101+10 to 100+40							
<b>12/21/2005</b>							
<b>Dredge</b> Oregon <b>Tidal Stage</b> Ebb  <b>Weather:</b> Rain, cold, overcast <b>Wind:</b> 10 kts <b>Seas:</b> Light chop, strong current <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)	20.0	13:32:02	7623866.7	735611.0	3.9	NA
	DSPP-2 (12)	20.0	13:35:31	7623785.4	735777.4	NA	13.3
	DSPP-3 (13)	20.1	13:39:32	7623519.4	736170.4	3.8	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
DSPT	Indicates additional testing at the point of exceedance						
Rx	Indicates a Re-Test where (x) is the Re-Test number for that particular point						

COLUMBIA RIVER CHANNEL IMPROVEMENTS - DREDGING

<b>DREDGE OREGON</b>		Contract Number: W9127N-06-C-CRCI					
<b>Project Name/Location:</b> Columbia River Channel Improvement, RM 101+10 to 100+40 <b>12/21/2005</b>							
<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)	20.1	15:32:55	7623858.5	735593.3	3.5	NA
	DSPP-2 (12)	20.2	15:35:55	7623786.8	735754.0	NA	13.2
	DSPP-3 (13)	20.2	15:39:53	7623512.3	736198.3	3.3	NA
<b>Weather:</b>	<b>Retest @ point of exceedance</b>						
<b>Wind:</b>							
<b>Seas:</b>							
<b>Disposal location</b> Gateway (Upland)	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						