

Table 2
BOPCO 2-22-1 SPILL
Sample Analytical Summary
Sample Location SS2

SAMPLE SUMMARY				
Sample Location	Collection Point			Background
Sample Type	Soil Grab	Resample	Resample	Soil Grab
Sample Depth	0-1' bgs	0-1' bgs	0-1' bgs	0-1' bgs
Sample Date	12/3/2010	12/17/2010	4/13/2011	12/3/2010

LABORATORY DATA SUMMARY						
Sample ID	BOBCO 2-22-1 SS2	2-22-1 SS1	2-22-1 SS2 RESAMPLE	BOBCO 2-22-1 BG1	COGCC Allowable Limits Table 910-1	Units
Analytical Parameters						
Organic Compounds						
TPH - Total	2390	740	43	NA	500 (*combined)	mg/kg
Gasoline Range Organics (GRO)	1500	<0.5	<0.5	NA	*	mg/kg
Diesel Range Organics (DRO)	890	740	43	NA	*	mg/kg
Benzene	0.55	<0.0025	NR	NA	0.17	mg/kg
Toluene	24	<0.025	NR	NA	85	mg/kg
Ethylbenzene	6.9	<0.0025	NR	NA	100	mg/kg
Total Xylenes	95	<0.0075	NR	NA	175	mg/kg
Acenaphthene	<0.033	NR	NR	NA	1,000	mg/kg
Anthracene	<0.033	NR	NR	NA	1,000	mg/kg
Benzo(a)anthracene	<0.033	NR	NR	NA	0.22	mg/kg
Benzo(a)pyrene	<0.033	NR	NR	NA	0.022	mg/kg
Benzo(b)fluoranthene	<0.033	NR	NR	NA	0.22	mg/kg
Benzo(k)fluoranthene	<0.033	NR	NR	NA	2.2	mg/kg
Indeno(1,2,3-cd)pyrene	<0.033	NR	NR	NA	0.22	mg/kg
Chrysene	<0.033	NR	NR	NA	22	mg/kg
Dibenzo(a,h)anthracene	<0.033	NR	NR	NA	0.022	mg/kg
Fluoranthene	<0.033	NR	NR	NA	1,000	mg/kg
Fluorene	<0.033	NR	NR	NA	1,000	mg/kg
Naphthalene	1.6	NR	NR	NA	23	mg/kg
Pyrene	<0.033	NR	NR	NA	1,000	mg/kg
Physical Properties						
Sodium Absorption Ratio	45	16	14	NA	<12	
Electrical Conductivity	1.5	NR	NR	NA	<4	mmhos/cm
pH	8.7	NR	NR	NA	6 to 9	
Metals						
Arsenic	4.5	NR	NR	4.3	0.39	mg/kg
Barium	240	NR	NR	NA	15,000	mg/kg
Cadmium	<0.25	NR	NR	NA	70	mg/kg
Chromium, Hexavalent	<2.0	NR	NR	NA	23	mg/kg
Chromium, Trivalent	42	NR	NR	NA	120,000	mg/kg
Copper	12	NR	NR	NA	3,100	mg/kg
Lead	9.2	NR	NR	NA	400	mg/kg
Mercury	0.024	NR	NR	NA	23	mg/kg
Nickel	24	NR	NR	NA	1,600	mg/kg
Selenium	10	NR	NR	NA	390	mg/kg
Silver	<0.50	NR	NR	NA	390	mg/kg
Zinc	40	NR	NR	NA	23,000	mg/kg

bgs - below ground surface
 <# - parameter reported under detection limit
 NR - analysis not requested
 mg/kg - milligrams per kilogram
 mmhos/cm - milliohms per centimeter
 Result exceeds COGCC allowable limits
 Result exceeds COGCC allowable limits, but is lower than natural background