Hebron 03-12H (05-057-06498-00)
Jackson County, Colorado

Drill Cuttings Remediation

Sample Date	ID	Loc	Analysis Attached	TPH (C_6-C_{10}) 500 (mg/kg)	TPH (C_{10}-C_{28}) 500 (mg/kg)	TPH Total 500 (mg/kg)	Conductivity <4 or 2x bg mmhos	Sodium Adsorption Ratio (Na meq/L) / sqrt [(Ca meq/L)+(Mg meq/L)/2] $<12^5$ ratio	Notes
09/02/2013	D50137	Cuttings	X	191	1,120	1,311	23.30	30.40	Initial Test
09/30/2013	D51232	Cuttings	X	213	906	1,119	4.88	12.20	60 Day Test
11/12/2013	D52612-1	Cuttings	X	42	3,250	3,292	14.60	17.00	90 Day Test
06/10/2014	D58837-2	Cuttings	X	26	1,330	1,356	19.00	13.30	
07/15/2014	D60045	Cuttings	X	8	605	613	6.10	8.29	approaching 910 spec, mixed with mulch to promote vegitation, remediation commenced

E&P Waste Remediation

Sample Date	ID	Loc	Analysis Attached	TPH (C_6-C_{10}) 500 (mg/kg)	TPH (C_{10}-C_{28}) 500 (mg/kg)	TPH (C_{10}-C_{28}) 500 (mg/kg)	Conductivity <4 or 2x bg mmhos	Sodium Adsorption Ratio (Na meq/L) / sqrt [(Ca meq/L)+(Mg meq/L)/2] $<12^5$ ratio	Notes