Environmental Services, Inc.

GROUNDWATER MONITORING WELL DEVELOPMENT AND SAMPLING FIELD DATA SHEET

Project Name/No.: Maralex Resources, Inc **Date:** September 1st, 2011
Sample No.: Rifle Walton 25-2 **Sample Location:** Rifle Walton 25-2
Samplers Name: Craig Heydenberk **Recorded by:** DCH

Purge Equipment:
_____ Bailer: Disposable or Acrylic
_____ Whaler
_____ Bladder Pump
_____ Submersible Pump

Sample Equipment:
* Disposable Bailer
_____ Whaler
_____ Bladder Pump
_____ Submersible Pump
* Stainless Steel Bucket

Analyses Requested (cricle all that apply):
Gasoline Range Organics (GRO), BTEX, MTBE, VOCs — Total Metals (Cations), BTEX, pH, Alkalinity, Anions
Diesel Range Organics (DRO), Heating Oil
Intrinsic Bio. Parameters

Number and Types of Bottle Used:

Well Number: _____
Depth to Water: _____ TOC
Well Depth: _____ BGS or TOC
Height W-Column: _____ feet (well depth - depth to water)
Volume in Well: _____ gallons (casing volume X height)
Gallons to purge: _____ gallons (volume X 10)

Well Diameter: ___ with Casing Volume of:
2" = (0.17 Gallon/Feet)
4" = (0.65 Gallon/Feet)
5" = (1.02 Gallon/Feet)
6" = (1.47 Gallon/Feet)
8" = (2.61 Gallon/Feet)

Lab: Analytica **Transportation:** To FedEx Basalt, CO by ESI 9/14/2011

Time (24 hr.)	Volume Purged (Gallons)	Temperature (°C)	Conductivity (ms/cm)	pH	Dissolved Oxygen (mg/L)	Turbidity: Color, Fines
10:07						
10:17	40	13.2		6.6		Allowed to Recharge
11:15	—	13.1		6.7		Sampled

DCH

Wait for 80% well volume recovery prior to sampling.
Calculate depth to water (from TOC), for 80% well volume recovery:

Calculate 80% of orginal well volume:
Original Height of Water Column = _____ x 0.8 = _____- (Well Depth)_____ = Depth to water _____

Time: _____ 1st measured depth to water, _____ feet below TOC. Is well within 80% of original well casing volume: Yes ____ No____
Time: _____ 1st measured depth to water, _____ feet below TOC. Is well within 80% of original well casing volume: Yes ____ No____
Time: _____ 1st measured depth to water, _____ feet below TOC. Is well within 80% of original well casing volume: Yes ____ No____

Sample Well

Time: _____ Sample ID: _____ Depth: _____ feet below TOC

Comments: