

APPENDIX C
EXAMPLE FIELD FORMS



713 Cooper Avenue
 Glenwood Springs, CO 80601
 (970) 384-4730

Background Radiation Survey

Revision 1

Rio Blanco Sampling and Analysis

Project Name:	Rio Blanco Sampling and Analysis	Operator:	
Project Number:		Well Pad:	
Project Location:	Rio Blanco County, Colorado	Well Number:	
RSAP Version Used:	RBSAP Revision 1	SOPs Used:	RBSAP Revision 1
Field Personnel:		Weather Conditions:	
Field Personnel:		Outdoor Temperature:	

Rad Survey Instrument	Serial Number	Calibrated	Source Check	Date	Time
RadEye B20-0ER - Pancake GM		<input type="checkbox"/> Yes <input type="checkbox"/> No			
		<input type="checkbox"/> Yes <input type="checkbox"/> No			
		<input type="checkbox"/> Yes <input type="checkbox"/> No			

Site No.	UTM Coordinates (ft)	N	E	UTM Coordinates (ft)	N	E
Site No. 1	Elevation (ft msl):		Zone	Elevation (ft msl):		Zone
	Radiation Measurement	Waist Level	Ground Level	Radiation Measurement	Waist Level	Ground Level
	Pancake GM (µR/Hr):			Pancake GM (µR/Hr):		
	Pancake GM (kcps):			Pancake GM (kcps):		
	Nal(Tl) Gamma (µR/Hr):			Nal(Tl) Gamma (µR/Hr):		
	Nal(Tl) Gamma (kcps):			Nal(Tl) Gamma (kcps):		
	Ion Chamber (µR/Hr):			Ion Chamber (µR/Hr):		
Site No. 2	Elevation (ft msl):		Zone	Elevation (ft msl):		Zone
	Radiation Measurement	Waist Level	Ground Level	Radiation Measurement	Waist Level	Ground Level
	Pancake GM (µR/Hr):			Pancake GM (µR/Hr):		
	Pancake GM (kcps):			Pancake GM (kcps):		
	Nal(Tl) Gamma (µR/Hr):			Nal(Tl) Gamma (µR/Hr):		
	Nal(Tl) Gamma (kcps):			Nal(Tl) Gamma (kcps):		
	Ion Chamber (µR/Hr):			Ion Chamber (µR/Hr):		
Site No. 3	Elevation (ft msl):		Zone	Elevation (ft msl):		Zone
	Radiation Measurement	Waist Level	Ground Level	Radiation Measurement	Waist Level	Ground Level
	Pancake GM (µR/Hr):			Pancake GM (µR/Hr):		
	Pancake GM (kcps):			Pancake GM (kcps):		
	Nal(Tl) Gamma (µR/Hr):			Nal(Tl) Gamma (µR/Hr):		
	Nal(Tl) Gamma (kcps):			Nal(Tl) Gamma (kcps):		
	Ion Chamber (µR/Hr):			Ion Chamber (µR/Hr):		
Site No. 4	Elevation (ft msl):		Zone	Elevation (ft msl):		Zone
	Radiation Measurement	Waist Level	Ground Level	Radiation Measurement	Waist Level	Ground Level
	Pancake GM (µR/Hr):			Pancake GM (µR/Hr):		
	Pancake GM (kcps):			Pancake GM (kcps):		
	Nal(Tl) Gamma (µR/Hr):			Nal(Tl) Gamma (µR/Hr):		
	Nal(Tl) Gamma (kcps):			Nal(Tl) Gamma (kcps):		
	Ion Chamber (µR/Hr):			Ion Chamber (µR/Hr):		
Site No. 5	Elevation (ft msl):		Zone	Comments:		
	Radiation Measurement	Waist Level	Ground Level			
	Pancake GM (µR/Hr):					
	Pancake GM (kcps):			Photo Log:		
	Nal(Tl) Gamma (µR/Hr):					
	Nal(Tl) Gamma (kcps):					
	Ion Chamber (µR/Hr):					



713 Cooper Avenue
Glenwood Springs, CO 80601

Pnone: (970) 384-4730
Fax: (970) 945-9182

Field Data Sheet
Revision 1

Rio Blanco Sampling and Analysis

Project Name:	Rio Blanco Sampling and Analysis	Site Operator:	
Project Number:		Well Pad:	
Project Location:	Rio Blanco County, Colorado	Well Number:	
RSAP Version Used:	RBSAP Version 1	SOPs Used:	RBSAP Version 1
Field Personnel:		SOPs Modified:	<input type="checkbox"/> Yes <input type="checkbox"/> No If Yes, Describe
Field Personnel:		Weather Conditions:	
Field Personnel:		Outdoor Temperature:	

Sampling Activity Description:

Sample ID:	Sample Date:	Sample Time:
Sample ID:	Sample Date:	Sample Time:
Sample Medium:	<input type="checkbox"/> Produced Water <input type="checkbox"/> Natural Gas <input type="checkbox"/> Drilling Mud <input type="checkbox"/> Fracing Water <input type="checkbox"/> Flowback Water <input type="checkbox"/> Surface Water <input type="checkbox"/> Groundwater <input type="checkbox"/> Spring Water <input type="checkbox"/> Surface Soils <input type="checkbox"/> Drill Cuttings	
Sample Type:	<input type="checkbox"/> Primary <input type="checkbox"/> Duplicate <input type="checkbox"/> Grab <input type="checkbox"/> Composite If Composite, No. of Sample Aliquots per Composite: _____	

Water Quality or Natural Gas Field Parameter Measurements

Temperature (°C):	pH (std units):
Conductivity: mS/cm μS/cm	Salinity (ppt):
Turbidity (NTU):	Dissolved Oxygen: % Sat mg/L
ORP (mv):	Gas Pressure (psi): Vessel Hose
Measurement Time (Start/Finish):	Other:

Sample Collection Information

Description of Sample Appearance:
(e.g., odor, color, clarity, phases)

Total Number of Containers	Field Filtered	Analyses Required
	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Radionuclide Analytes <input type="checkbox"/> Non-Radionuclide Analytes

QA/QC Sample(s): Yes No Sample Number(s):

QA/QC Sample Type: MS/MSD Trip Blank

Background Radiation Screening:	<input type="checkbox"/> Yes <input type="checkbox"/> No	Gamma Scintillator Result (μR/Hr):	Pancake GM Result (μR/Hr):
---------------------------------	--	------------------------------------	----------------------------

Sample Radiation Screening:	<input type="checkbox"/> Yes <input type="checkbox"/> No	Gamma Scintillator Result (μR/Hr):	Pancake GM Result (μR/Hr):
-----------------------------	--	------------------------------------	----------------------------

Decontamination Procedure(s): Yes No Used Dedicated, Pre-Cleaned Equipment
 Followed Decontamination Procedure in RSAP Revision 2

Comments (e.g., basis for decisions, sampling comments, issues, observations, etc.):

Photo Log
