



FIELD INSTRUMENT CALIBRATION LOG

Date: _____

ARCADIS Project Name: _____

Project Number: _____

Field Calibration by: _____

Instrument Source: _____

Type of Instrument	Manufacturer	Model Number	Time	Standard Concentration	Calibrated Reading	Remarks
pH Meter				4.00 s.u.		
				7.00 s.u.		
				10.00 s.u.		
				4.00 s.u.		
				7.00 s.u.		
				10.00 s.u.		
				4.00 s.u.		
				7.00 s.u.		
				10.00 s.u.		
Conductivity Meter				3,000 µmhos/cm		
				5,000 µmhos/cm		
				30,000 µmhos/cm		
				3,000 µmhos/cm		
				5,000 umhos/cm		
				30,000 µmhos/cm		
				3,000 µmhos/cm		
				5,000 µmhos/cm		
				30,000 µmhos/cm		
Dissolved Oxygen Calibrate to Water-Saturated Air				mm Hg		
				mm Hg		
				mm Hg		
Turbidimeter				NTU		
				NTU		
				NTU		
ORP				150 MV		
				150 MV		
				150 MV		



FIELD PARAMETER FORM

ARCADIS

Well Identification Number: _____

Job Name/Number: _____ Date: _____

Water Level (TOC): _____ Total Depth: _____

OVM Reading: _____ 3 Well Volumes: _____

Start Time: _____ Total Volumes Removed: _____

Time	Water Level (ft gmp)	Temp (°F)	Sp. Cond. (µmhos/cm)	Salinity (ppt)	DO (%)	DO (mg/L)	pH (s.u.)	REDOX/ORP (mv)

Observations/Comments:

Ferrous Iron: _____

Sulfide: _____



SOIL/SEDIMENT SAMPLING LOG

PROJECT NAME: _____

PROJECT NUMBER: _____ DATE: _____

SITE LOCATION: _____

SAMPLE ID NUMBER: _____ CODED/REPLICATE NO.: NA

TIME SAMPLING BEGAN: _____ ENDING: _____

WEATHER: _____

SITE DESCRIPTION: _____

SAMPLING DATA

COLLECTION METHOD: _____

DEPTH: _____ MOISTURE CONTENT: _____

COLOR: _____ ODOR: _____

DESCRIPTION: _____

ANALYSES REQUIRED

CONTAINER DESCRIPTION

FROM LAB: X OR ARCADIS:

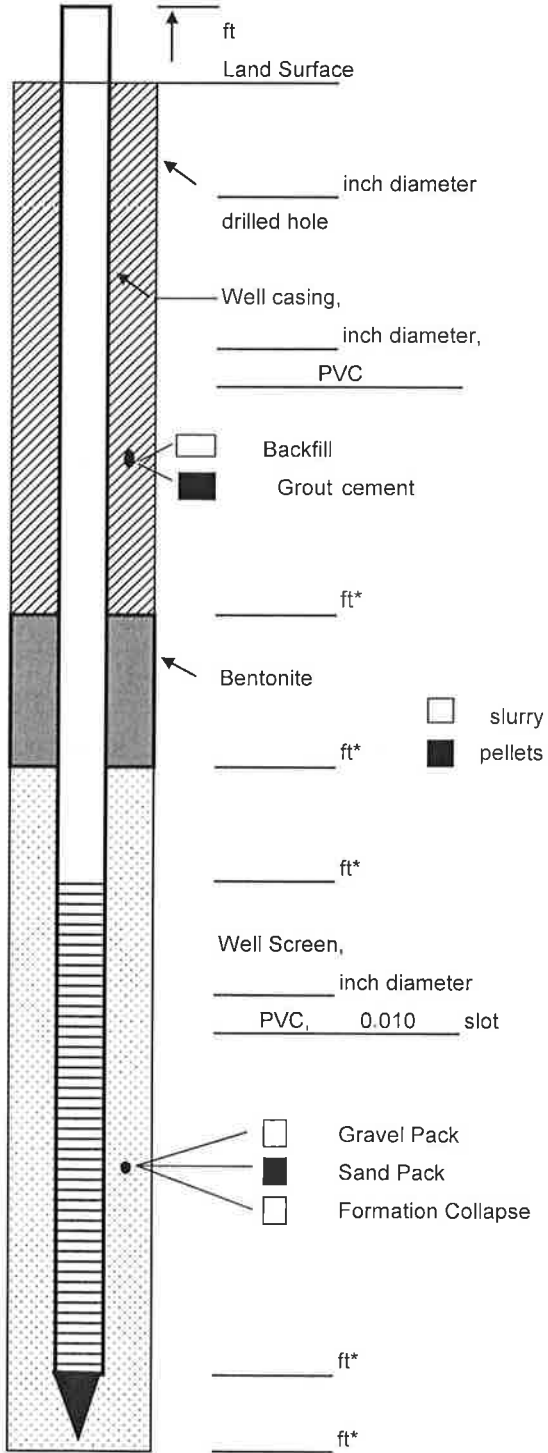
SAMPLING MONITORING (TIP, OVA, HNU, etc.) _____

REMARKS: _____

SAMPLING PERSONNEL: _____



WELL CONSTRUCTION LOG



Measuring Point is Top of Well Casing Unless Otherwise Noted.
 * Depth Below Land Surface

Project _____ Well _____
 Town/City _____
 County/Parish _____ State _____
 Permit Number _____
 Land-Surface Elevation _____ feet
 and Datum _____ feet X Surveyed _____
 Estimated _____

Installation Date(s) _____
 Drilling Method _____
 Drilling Contractor _____
 Drilling Fluid _____

Development Technique(s) and Date(s)

Fluid Loss During Drilling _____ gallons
 Water Removed During Development _____ gallons
 Static Depth to Water _____ feet below M.P.
 Pumping Depth to Water _____ feet below M.P.
 Pumping Duration _____ hours
 Yield _____ gpm Date _____
 Specific Capacity _____ gpm/ft
 Well Purpose Monitor Well

Remarks _____

Prepared by _____



WATER SAMPLING LOG

Project _____ Project No. _____
 Site Location _____ Date: _____
 Site/Well No. _____ Replicate No. _____ Code No. _____
 Weather _____ Sampling Time: Begin _____ End _____

Evacuation Data

Measuring Point _____
 MP Elevation (ft) _____
 Land Surface Elevation (ft) _____
 Sounded Well Depth (ft bmp) _____
 Depth To Water (ft bmp) _____
 Water Level Elevation (ft) _____
 Water Column In Well (ft) _____
 Casing Diameter/Type _____
 Gallons In Well _____
 Gallons Pumped/Bailed
 Prior To Sampling _____
 Sample Pump Intake
 Setting (ft bmp) _____
 Purge Time Begin: _____ End _____
 Pumping Rate (gpm) _____
 Evacuation Method _____

Field Parameters

Color _____
 Odor _____
 Appearance _____
 pH (s.u.) _____
 Conductivity (mS/cm) _____
 Conductivity (μ hos/cm) _____
 Turbidity (NTU) _____
 Temperature (°C/ °F) _____
 Dissolved Oxygen _____
 REDOX _____
 Sampling Method _____
 Remarks _____

Constituents Sampled	Container Description	Number	Preservative

Sampling Personnel

Well Casing Volumes					
Gal./Ft.	1" = 0.04	1 - 1/2" = 0.09	2 - 1/2" = 0.26	3 - 1/2" = 0.50	6" = 1.47
	1 - 1/4" = 0.06	2" = 0.16	3" = 0.37	4" = 0.65	
bmp	Below measuring point	ml	Milliliter	NTU	Nephelometric Turbidity Units
°C/°F	Degrees Celsius/Fahrenheit	mS/cm	Millisiemens per centimeter	PVC	Polyvinyl chloride
ft	Feet	msl	Mean sea level	s.u.	Standard units
gpm	Gallons per minute	NA	Not Applicable	μ hos/cm	Micromhos per centimeter
mg/L	Milligrams per liter	NR	Not Recorded	VOC	Volatile Organic Compounds
ppt	Parts per thousand	CS	Carbon steel	SS	Stainless steel



Project Name / Number:

Matrix:	Collection:	Preservative:	Sample ID:
Analysis:			Date:
Sampler(s):			Time:

ID#:

CHAIN OF CUSTODY & LABORATORY ANALYSIS REQUEST FORM

Lab Work Order #

Send Results to:	Contact & Company Name:	Telephone:	Preservative								
	Address:	Fax:	Filtered (✓)								
	City	State	Zip	# of Containers							
	E-mail Address:			Container Information							

- Keys**
- | | |
|--|---|
| <p>Preservation Key:
 A. H₂SO₄
 B. HCL
 C. HNO₃
 D. NaOH
 E. None
 F. Other: _____
 G. Other: _____
 H. Other: _____</p> <p>Matrix Key:
 SO - Soil
 W - Water
 T - Tissue</p> | <p>Container Information Key:
 1. 40 ml Vial
 2. 1 L Amber
 3. 250 ml Plastic
 4. 500 ml Plastic
 5. Encore
 6. 2 oz. Glass
 7. 4 oz. Glass
 8. 8 oz. Glass
 9. Other: _____
 10. Other: _____</p> <p>SE - Sediment
 SL - Sludge
 A - Air</p> <p>NL - NAPL/Oil
 SW - Sample Wipe
 Other: _____</p> |
|--|---|

PARAMETER ANALYSIS & METHOD

Project Name/Location (City, State):	Project #:
Sampler's Printed Name:	Sampler's Signature:

Sample ID	Collection		Type (✓)		Matrix										
	Date	Time	Comp	Grab											

REMARKS

Special Instructions/Comments: Special QA/QC Instructions(✓):

Laboratory Information and Receipt		Relinquished By		Received By		Relinquished By		Laboratory Received By	
Lab Name:	Cooler Custody Seal (✓) <input type="checkbox"/> Intact <input type="checkbox"/> Not Intact	Printed Name:	Printed Name:	Printed Name:	Printed Name:	Printed Name:	Printed Name:	Printed Name:	Printed Name:
<input type="checkbox"/> Cooler packed with ice (✓)		Signature:	Signature:	Signature:	Signature:	Signature:	Signature:	Signature:	Signature:
Specify Turnaround Requirements:	Sample Receipt:	Firm:	Firm/Courier:	Firm/Courier:	Firm/Courier:	Firm/Courier:	Firm/Courier:	Firm:	Firm:
Shipping Tracking #:	Condition/Cooler Temp: _____	Date/Time:	Date/Time:	Date/Time:	Date/Time:	Date/Time:	Date/Time:	Date/Time:	Date/Time:

