

WELL PURGING/SAMPLING LOG									
Company Name	Project Name: _____			Well No.: _____					
	Project Number: _____			Date: _____					
	Project Address: _____								
	Well GPS: _____	Latitude: _____	Longitude: _____						
	Sampled by: _____		Checked by: _____	License #: _____					
WELL SPECIFICATIONS & MEASUREMENTS			PURGING & SAMPLING EQUIPMENT						
Borehole Diameter (in.) (BD): 6 8 10 12 _____			Water Level Meter Type and ID: _____						
Casing Diameter (in.) (CD): 2 4 6 8 _____			Purging Equipment/Method: Bladder Pump _____ Bailer _____						
Total Well Depth (ft.) (WD): _____		Product thickness (ft.): _____	Centrifugal Pump _____ Other _____						
Static Water Level (ft.) (SWL): _____		Time measured: _____	pH/Temp/Conductivity Meter Type and ID: _____						
Water Column (ft.) (WC=WD-SWL): _____		Filter Pack Porosity (P): _____	_____ Teflon Bailer _____ Disposable Bailer						
Borehole Volume (BV) Calculations			Sampler Type: _____ Bladder Pump _____ Centrifugal Pump						
BV (gal) = 0.041 [CD² + P (BD²-CD²)](WC)			_____ Other: _____						
This equation applies to wells constructed straddling the water table only. For submerged screens, document all calculations. Porosity is expressed in decimal form. BV = _____ gallons			_____ Steam/High Pressure Wash						
			Decontamination Method: _____ 3 Stage (Alconox, tap water & DI rinse)						
			_____ Other: _____						
PURGING AND SAMPLING METHODOLOGIES									
Well Recovery Type									
___ Fast -recovers 80% within 2 hours -Methods 1, 2, 3, & 5			___ Slow - more than 2 hours to recover 80% -Methods 3, 4, & 5						
PURGING METHODS									
___ Method 1, remove 3 BV, sample after well recovers 80% of total purged drawdown.									
___ Method 2, remove 1 BV, test parameters until stable per SAM Manual, sample after well recovers 80% of total purged drawdown.									
___ Method 3, Low-flow - install pump at least 2 hours prior to start of purging. Follow detailed methodology in SAM Manual.									
List the date and time the pump was installed: Date: _____ Time: _____									
___ Method 4, remove 1 BV, sample after 2 hours. Note - if well recovers 80% of total purged drawdown, use another method.									
___ Method 5, non-purge method. Only with prior written approval from SAM									
PURGING INFORMATION									
Time	Water Level (feet below top of casing)	Drawdown (feet)	Water Volume Purged (gal)	Measured Parameters					
				Conductivity (µmhos)	Dissolved Oxygen	pH	Turbidity	Temp (°C)	
Borehole Volume: _____ (gal)		Total Volume Purge Water: _____ (gal)		Average pumping rate: _____ (gpm)					
RECOVERY CALCULATIONS									
Recovery of 80% of drawdown from purging = SWL + (0.2)(Maximum Drawdown during purging)									
SAMPLING INFORMATION									
Date & Time Sampled: _____			Depth to water at time of sampling (feet): _____						
Quantity	Container Type	Filtered (Y/N)	Sample Preservatives	Analytical Methods to Perform					