

GROUNDWATER SAMPLING FORM

Sample ID:	Area or Site ID:	Sampling location ID:							
Weather: Purging Method/Equipment: Sampling crew: Project Number:									
Purging Method/Equipment: Project Number:		Sampling crew:							
Purge beginning time:	Purging Method/Equipment:	• •							
Purge beginning time:		<u> </u>							
Initial (pre-installation) DTW (ft. BTOC): Post-installation DTW: Casing diameter (inches): Screen Interval (ft. BTOC): LEL: LEL: %; Oxygen: %; Carbon: ppm	Well Information								
Post-installation DTW:	Purge beginning time:	Purge completion time:							
Casing diameter (inches):	" ' ' '								
Screen Interval (ft. BTOC):	Post-installation DTW:	Max. sustainable pump rate (L/min):							
Pump intake depth (ft BTOC):	Casing diameter (inches):	Appearance of product:							
Pump intake depth (ft BTOC):	Screen Interval (ft. BTOC): to	PID :ppm							
Purging Low Flow purge tubing volume calculations Volume of Water in Tubing: Bladder pump volume = Gallons	Pump intake depth (ft BTOC):								
Low Flow purge tubing volume calculations Volume of Water in Tubing: Bladder pump volume = Gallons		Total well depth (tagged after sampling):							
Low Flow purge tubing volume calculations Volume of Water in Tubing: Bladder pump volume = Gallons									
Volume of Water in Tubing: Bladder pump volume = Gallons	-	ying							
Bladder pump volume = Gallons									
Discharge tubing length =ft. Discharge tube diameter:	Volume of Water in Tubing:								
Tubing volume (Gal)= (Tubing Gal/ft. x Tubing length) + Pump volume = (gal/ft xft) +gal =gal Minimum purge volume: Tubing volume (gal) x 3 =gal x 3 =gal x 5 =gal Minimum purge volume calculations Wolume of Water in Casing: Gallons/foot = 0.041 x d^2, where d is casing diameter in inches = (0.041 x ()^2) =gal/ft Well volume (gallons) = Water Column (ft) x Gal/ft =ft xGal/ft =gallons Volume of Water in Filter Pack: Gallons/foot = 0.041 x (D^2 - d^2), where D is total borehole dia. In inches & d is casing dia. in inches = 0.041 x (()^2 - ()^2) =gal/ft Filter Pack Volume (gal) = ((Screen Height + lesser of 2 ft or water column) x gal/ft) x porosity (0.3) = ((Screen Heightft +ft) xgal/ft) x 0.3 =gallons Well Purge Volume: Well Purge Volume = Filter Pack Volume + Well Volume =gal +gal =gal X 3.785 L/gal =L	Bladder pump volume = Gallons	-							
Minimum purge volume: Tubing volume (gal) x 3 =gal x 3 =gal Tubing volume (gal) x 5 =gal x 5 =gal Monitoring well purge volume calculations Volume of Water in Casing: Gallons/foot = 0.041 x d^2, where d is casing diameter in inches = (0.041 x ()^2) =gal/ft Well volume (gallons) = Water Column (ft) x Gal/ft =ft xGal/ft =gallons Volume of Water in Filter Pack: Gallons/foot = 0.041 x (D^2 - d^2), where D is total borehole dia. In inches & d is casing dia. in inches = 0.041 x (()^2 - ()^2) =gal/ft Filter Pack Volume (gal) = ((Screen Height + lesser of 2 ft or water column) x gal/ft) x porosity (0.3) = ((Screen Heightft +ft) xgal/ft) x 0.3 =gallons Well Purge Volume: Well Purge Volume = Filter Pack Volume + Well Volume =gal +gal =gal X 3.785 L/gal =L	Discharge tubing length = ft.	Discharge tube diameter:							
Monitoring well purge volume calculations Volume of Water in Casing: Gallons/foot = 0.041 x d^2, where d is casing diameter in inches = (0.041 x (Tubing volume (Gal)= (Tubing Gal/ft. x Tubing length) + Pump	volume = (gal/ft xft) + gal = gal							
Monitoring well purge volume calculations Volume of Water in Casing: Gallons/foot = 0.041 x d^2, where d is casing diameter in inches = (0.041 x ()^2) =gal/ft Well volume (gallons) = Water Column (ft) x Gal/ft =ft xGal/ft =gallons Volume of Water in Filter Pack: Gallons/foot = 0.041 x (D^2 - d^2), where D is total borehole dia. In inches & d is casing dia. in inches = 0.041 x (()^2 - ()^2) =gal/ft Filter Pack Volume (gal) = ((Screen Height + lesser of 2 ft or water column) x gal/ft) x porosity (0.3) = ((Screen Heightft +ft) xgal/ft) x 0.3 =gallons Well Purge Volume: Well Purge Volume = Filter Pack Volume + Well Volume =gal +gal =gal X 3.785 L/gal =L	Minimum purge volume: Tubing volume (gal) x 3 =	gal x 3 =gal							
Volume of Water in Casing: Gallons/foot = 0.041 x d^2, where d is casing diameter in inches = (0.041 x (Tubing volume (gal) x 5 =	gal x 5 =gal							
Volume of Water in Casing: Gallons/foot = 0.041 x d^2, where d is casing diameter in inches = (0.041 x (Monitoring wall purge volume calculations								
Gallons/foot = 0.041 x d^2, where d is casing diameter in inches = (0.041 x (
Well volume (gallons) = Water Column (ft) x Gal/ft =ft xGal/ft =gallons Volume of Water in Filter Pack: Gallons/foot = 0.041 x (D^2 - d^2), where D is total borehole dia. In inches & d is casing dia. in inches = 0.041 x (()^2 - ()^2) =gal/ft Filter Pack Volume (gal) = ((Screen Height + lesser of 2 ft or water column) x gal/ft) x porosity (0.3) = ((Screen Heightft +ft) xgal/ft) x 0.3 =gallons Well Purge Volume: Well Purge Volume = Filter Pack Volume + Well Volume =gal +gal =gal X 3.785 L/gal =L		$a_{S} = (0.041 \text{ y})$							
Volume of Water in Filter Pack: Gallons/foot = 0.041 x (D^2 - d^2), where D is total borehole dia. In inches & d is casing dia. in inches = 0.041 x (()^2 - ()^2) =									
Gallons/foot = 0.041 x (D^2 - d^2), where D is total borehole dia. In inches & d is casing dia. in inches = 0.041 x (()^2 - ()^2) =gal/ft Filter Pack Volume (gal) = ((Screen Height + lesser of 2 ft or water column) x gal/ft) x porosity (0.3) = ((Screen Heightft +ft) xgal/ft) x 0.3 =gallons Well Purge Volume: Well Purge Volume = Filter Pack Volume + Well Volume =gal +gal =gal X 3.785 L/gal =L		it xGai/it =gailons							
= 0.041 x (()^2 - ()^2) =gal/ft Filter Pack Volume (gal) = ((Screen Height + lesser of 2 ft or water column) x gal/ft) x porosity (0.3) = ((Screen Heightft +ft) xgal/ft) x 0.3 =gallons Well Purge Volume: Well Purge Volume = Filter Pack Volume + Well Volume =gal +gal =gal X 3.785 L/gal =L		in In inches 0 d is easing die in inches							
Filter Pack Volume (gal) = ((Screen Height + lesser of 2 ft or water column) x gal/ft) x porosity (0.3) = ((Screen Heightft +ft) xgal/ft) x 0.3 =gallons Well Purge Volume: Well Purge Volume = Filter Pack Volume + Well Volume =gal +gal =gal X 3.785 L/gal =L	`								
= ((Screen Heightft +ft) xgal/ft) x 0.3 =gallons Well Purge Volume: Well Purge Volume = Filter Pack Volume + Well Volume =gal +gal =gal X 3.785 L/gal =L									
Well Purge Volume: Well Purge Volume = Filter Pack Volume + Well Volume =gal +gal =gal X 3.785 L/gal =L		, , , , , ,							
Well Purge Volume = Filter Pack Volume + Well Volume =gal +gal =L		tt) xgal/tt) x 0.3 =gallons							
1 x Well Purge Volume 2 x Well Purge Volume 3 x Well Purge Volume 4 x Well Purge Volume 5 x Well Purge Volume									
	1 x Well Purge Volume 2 x Well Purge Volume 3 x Well Purge Volume	me 4 x Well Purge Volume 5 x Well Purge Volume							

Water Quality Parameter Measurements										
Time	DTW	Purge Rate	Purge	Temp.	Conductivity	ORP	pН	DO	Turbidiy	TDS
	(ft. BTOC)	_	Volume (L)	(C)	(mS/cm)	(mV)	(std units)	(mg/L)	(NTU)	(g/L)



GROUNDWATER SAMPLING FORM

heet _	of	
Date		

Water Quality Parameter Measurements (continued)										
Time	DTW	Purge Rate	Purge	Temp.	Conductivity	ORP	pН	DO	Turbidity	TDS
	(ft. BTOC)	(L/min)	Volume (L)	(C)	(mS/cm)	(mV)	(std units)	(mg/L)	(NTU)	(g/L)
		<u> </u>								
		 '	Г <u></u> _	Г <u></u>		 				
				ĺ		<u> </u>				
										
										
										
			 	 	-		 			
			\vdash	 		 	 			
		 	\vdash	 '		 	 			
		ļ——— [!]		 '		 				
		ļ!		<u> </u>		<u> </u>				
		ļ		<u> </u>						
		<u> </u>								
		 '		Γ <u></u> _'		_ 				
										
<u>.</u>					Sampling					
Sampling beg	ginning time:_						completion tim	e:		
	г				y Parameter Me				· Y	
Time	DTW	Purge Rate	Purge	Temp.	Conductivity	ORP	рН	DO	Turbidity	TDS
	(ft. BTOC)	(L/min)	Volume (L)	(C)	(mS/cm)	(mV)	(std units)	(mg/L)	(NTU)	(g/L)
				Sar	nple Informat	ion				
Sample ID:							llection date/ti	me:		
Duplicate sample collected (Y/N): Duplicate sample										
		N):		_			le ID:			
	•	,		-						
Requested	Requested Analysis Method Containers		Requested Analysis Method			Containers				
John Marie State S										
		-								
		ı———!	 							
					<u> </u>					
Comments:										

Abbreviations: BTOC - Below top of casing; DTW - Depth to water; H - head above pump intake; mL - milliliter; L - Liter;