

**Appendix K  
Field Monitoring Forms**

## **Bioreactor Monitoring**

### Bioreactor Monitoring

Personnel:									
<b>Trench Sumps Water Levels ('BTOC)</b>									
Sump ID	Sump Depth (ft BTOC)	Sump Water Level (ft BTOC)	pH	Temp. (deg. C)	SpCond. (mS/cm)	ORP	DO (mg/L)	Trench Currently Being Used (√)	Notes
Date:		Time:							
B3-T1-1	12.9								
B3-T1-2	12.4								
B3-T1-3	12.85								
B3-T2-1	9.67								
B3-T2-2	10.01								
B3-T3-1	9.96								
B3-T3-2	7.4								
B3-T4-1	6.32								
B3-T5-1	9.33								
B3-T5-2	7.98								
B3-T6-1	11.45								
B3-T6-2	12.34								
B3-UIC									
<b>B-3 Transfer System Monitoring</b>									
Flow Meters Readings									
Meter	Monday	Tuesday	Wednesday	Thursday	Friday				
Date/Time:									
Rate (gpm) / Cumulative Total (gal)									
T-1									
T-2									
T-3									
T-4									
T-5									
T-6									
<b>B-3 (Total)</b>									
<b>CS-MW16-LGR</b>									
<b>CS-MW16-CC</b>									
<b>B3-EXW01</b>									
<b>B3-EXW02</b>									
<b>Bag Filter Pressure Reading (Pressure Drop (PB-1) - (PB-2)= *Note: If bag filter pressure drop is &gt; or = 10 psi change filter.</b>									
	PB-1 - PB-2 =	PB-1 - PB-2 =	PB-1 - PB-2 =	PB-1 - PB-2 =	PB-1 - PB-2 =				
Notes:	MW16LGR MW16CC B3EXW01 B3EXW02 SCADA								

## **Weekly Water Level Monitoring**

Weekly Water Level Monitoring						
Well Interval	Sampling Port Depth (ft BTOC)	Sample Date	Sample Time	Pressure at TOC (psi)	Pressure in MP (psi)	Zone Pressure (psi)
CS-WB05-LGR-01	99				14.09	
CS-WB05-LGR-02	182				14.13	
CS-WB05-LGR-03A	216				14.17	
CS-WB05-LGR-03B	262				23.90	
CS-WB05-LGR-04A	277				30.43	
CS-WB05-LGR-04B	329				53.06	
CS-WB05-BS-01	362				67.40	
CS-WB05-CC-01	432				97.81	
CS-WB05-CC-02	460				109.95	
CS-WB06-UGR-01	20				14.05	
CS-WB06-LGR-01	93				14.11	
CS-WB06-LGR-02	174				14.13	
CS-WB06-LGR-03A	207				14.17	
CS-WB06-LGR-03B	260				24.88	
CS-WB06-LGR-04	320				50.95	
CS-WB07-UGR-01	14				14.07	
CS-WB07-LGR-01	90				14.10	
CS-WB07-LGR-02	175				14.13	
CS-WB07-LGR-03A	208				14.17	
CS-WB07-LGR-03B	257				15.14	
CS-WB07-LGR-04	318				41.65	
CS-WB08-UGR-01	38				14.07	
CS-WB08-LGR-01	115				14.09	
CS-WB08-LGR-02	193				14.13	
CS-WB08-LGR-03A	228				14.17	
CS-WB08-LGR-03B	273				26.15	
CS-WB08-LGR-04	341				55.69	

## **Quarterly Monitoring**

Personnel					
Quarterly Monitoring					
MPMWs	Sampling Port Depth (ft BTOC)	Sample Date	Sample Time	Inside Pressure	Zone Pressure
CS-WB05-LGR-01	99				
CS-WB05-LGR-02	182				
CS-WB05-LGR03A	216				
CS-WB05-LGR03B	262				
CS-WB05-LGR04A	277				
CS-WB05-LGR04B	329				
CS-WB05-BS-01	362				
CS-WB05-CC-01	432				
CS-WB05-CC-02	460				
CS-WB06-UGR-01	20				
CS-WB06-LGR-01	93				
CS-WB06-LGR-02	174				
CS-WB06-LGR03A	207				
CS-WB06-LGR03B	260				
CS-WB06-LGR-04	320				
CS-WB07-UGR-01	14				
CS-WB07-LGR-01	90				
CS-WB07-LGR-02	175				
CS-WB07-LGR03A	208				
CS-WB07-LGR03B	257				
CS-WB07-LGR-04	318				
CS-WB08-UGR-01	38				
CS-WB08-LGR-01	115				
CS-WB08-LGR-02	193				
CS-WB08-LGR03A	228				
CS-WB08-LGR03B	273				
CS-WB08-LGR-04	341				

Personnel:

**Quarterly Piezometer Water Levels ('BTOC) and Field Parameters**

Piezometer ID	TD (ft BTOC)	Date Sampled	Weekly/Monthly Wtrlvls		Monthly Field Parameters						
			Sample	Time	Water Level (ft BTOC)	pH	Temp. (deg. C)	SpCond. (mS/cm)	ORP (mV)	DO (mg/L)	Notes
B3-MW26-UGR	20.32										
B3-MW27-UGR	17.00										
B3-MW28-UGR	18.33										
B3-MW29-UGR	20.40										
B3-MW30-UGR	23.90										
B3-MW31-UGR	39.06										
B3-MW32-UGR	58.45										
B3-MW33-UGR	29.55										
B3-MW34-UGR	25.40										

**Quarterly Monitoring Well Field Parameters**

Monitoring Well ID	Date Sampled	Sample Time	Water Level (ft BTOC)	pH	Temp. (deg. C)	SpCond. (mS/cm)	ORP (mV)	DO (mg/L)	Notes
B3-MW01									
CS-D									
CS-MW16-LGR									
CS-MW16-CC									
CS-B3-EXW01									
CS-B3-EXW02									
CS-MW1-LGR									

Week \_\_\_\_\_