BIOSOLIDS MONITORING RESULTS

Generator Information

Owner Name _____

Facility Name _____

RWQCB Region _____

County _____

NPDES Permit No. _____

WDRs Order No. _____

Project Information

Project Type _____ Pond cleanout _____ Continuous wasting/drying
_____ Drying bed cleanout _____ Stockpile Disposal

Estimated Project Duration _____ to _____

Estimated Total Mass [4] _____ dry tons this calendar year

Required EPA Certification Frequency _____

Stabilization Method _____

Pathogen Reduction Method [8] _____

Vector Attraction Reduction Option [9] _____

Sampling Information

[1] Lab Sample ID						
[2] Sampler's Sample ID						
[3] Sampler						
Sample Date						
Analysis Date						

Analytical Result	**Wet Basis**	**Dry Basis**	**Wet Basis**	**Dry Basis**	**Wet Basis**	**Dry Basis**	**Wet Basis**	**Dry Basis**	**Wet Basis**	**Dry Basis**	**Wet Basis**	**Dry Basis**
Fecal coliform, MPN/g												
Total solids, percent												
Total nitrogen, mg/Kg												
Ammonia nitrogen, mg/Kg												
Nitrate nitrogen, mg/Kg												
Total phosphorus, mg/Kg												
Total potassium, mg/Kg												

Nitrogen Loading Rate

[5] Mineralization rate, percent												
[6] Volatilization factor, percent												
[7] Units conversion factor												
PAN, lbs/ton												

Footnotes

[1] Sample ID assigned by the analytical laboratory.

[2] Sample ID from chain of custody form.

[3] Specify whether sampling was performed by Synagro or generator/generator's contractor.

[4] Estimated mass to be land applied at this site.

[6] Equals 50% for surface application; 100% for subsurface injection.

[7] Equals 0.002 lbs/ton per mg/Kg.

[8] Specify in detail. For example: "Class B - anaerobic digestion for ___ to ___ days at ___ to ___ degrees F (range for past month)".

[9] Specify in detail. For example: "Option 1 - volatile solids reduction greater than 38%; VS in = ___, VS out = ___".

[5] Equals 20% for aerobically digested; 30 % for aerobically digested; 25 % for aerobically/anaerobically digested; 40% for lime-stabilized.

Sampling Information

[1] Lab Sample ID			
[2] Sampler's Sample ID			
[3] Sampler			
Sample Date			
Analysis Date			

Metals Analyses

							Regulatory Limits				
							40 CFR 503 (dry wt. basis)		22 CCR (wet wt. basis)		
							mg/Kg	mg/Kg	mg/L	mg/L	mg/Kg
	Wet Basis	Dry Basis	Wet Basis	Dry Basis	Wet Basis	Dry Basis	Table 1	Table 3	STLC	10 x STLC	TTLC
Arsenic, mg/Kg							75	41	5	50	500
Cadmium, mg/Kg							85	39	1	10	100
Copper, mg/Kg							4,300	1,500	25	250	2,500
Lead, mg/Kg							840	300	5	50	1,000
Mercury, mg/Kg							57	17	0.2	2.0	20
Molybdenum, mg/Kg							75		350	3,500	3,500
Nickel, mg/Kg							420	420	20	200	2,000
Selenium, mg/Kg							100	36	1	10	100
Zinc, mg/Kg							7,500	2,800	250	2,500	5,000
Semi-volatile organic compounds, detections only (mg/Kg)											
PCBs/aldrin/dieldrin, detections only (mg/Kg)											

OWNER NAME _____
FACILITY NAME _____

MONTHLY FIELD MONITORING RESULTS

Month _____ **Year** _____

Field Information

Field ID No.				
Gross Acreage				
Net Acreage				
Crop				
Anticipated Planting Date				
Anticipated Harvest Date				
Anticipated Irrigation Date(s)				
Next Allowable Runoff Date				

Source Information

Source ID Code	Owner Name	Facility Name

Biosolids Application Information (tonnage per field)

Day of Month	Source ID	Wet Wt.	Dry Wt.	Wet Wt.	Dry Wt.	Wet Wt.	Dry Wt.	Wet Wt.	Dry Wt.
1									
2									
3									
4									
5									
6									
7									
8									
9									
10									
11									
12									
13									
14									
15									
16									
17									
18									
19									
20									
21									
22									
23									
24									
25									
26									
27									
28									
29									
30									
31									

Total Application (tons)								
Application Rate (tn/ac)								
PAN Application (lb)								
PAN Rate (lb/ac)								
Phosphorus Rate (lb)								
Phosphorus Rate (lb/ac)								
Potassium Rate (lb)								
Potassium Rate (lb/ac)								

MONTHLY FIELD MONITOI

Month _____

Field Information

Field ID No.				
Gross Acreage				
Net Acreage				
Crop				
Anticipated Planting Date				
Anticipated Harvest Date				
Anticipated Irrigation Date(s)				
Next Allowable Runoff Date				

Source Information

Source ID Code

Biosolids Application Information (tonnage per field)

Day of Month	Source ID	Wet Wt.	Dry Wt.	Wet Wt.	Dry Wt.	Wet Wt.	Dry Wt.	Wet Wt.	Dry Wt.
1									
2									
3									
4									
5									
6									
7									
8									
9									
10									
11									
12									
13									
14									
15									
16									
17									
18									
19									
20									
21									
22									
23									
24									
25									
26									
27									
28									
29									
30									
31									

Total Application (tons)								
Application Rate (tn/ac)								
PAN Application (lb)								
PAN Rate (lb/ac)								
Phosphorus Rate (lb)								
Phosphorus Rate (lb/ac)								
Potassium Rate (lb)								
Potassium Rate (lb/ac)								

MONTHLY FIELD MONITOI

Month _____

Field Information

Field ID No.	
Gross Acreage	
Net Acreage	
Crop	
Anticipated Planting Date	
Anticipated Harvest Date	
Anticipated Irrigation Date(s)	
Next Allowable Runoff Date	

Source Information

Source ID Code

Biosolids Application Information
(tonnage per field)

Day of Month	Source ID	Wet Wt.	Dry Wt.
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			
11			
12			
13			
14			
15			
16			
17			
18			
19			
20			
21			
22			
23			
24			
25			
26			
27			
28			
29			
30			
31			

Total Application (tons)		
Application Rate (tn/ac)		
PAN Application (lb)		
PAN Rate (lb/ac)		
Phosphorus Rate (lb)		
Phosphorus Rate (lb/ac)		
Potassium Rate (lb)		
Potassium Rate (lb/ac)		

MONTHLY FIELD MONITOI

Month _____

Field Information

Field ID No.				
Gross Acreage				
Net Acreage				
Crop				
Anticipated Planting Date				
Anticipated Harvest Date				
Anticipated Irrigation Date(s)				
Next Allowable Runoff Date				

Source Information

Source ID Code

Biosolids Application Information (tonnage per field)

Day of Month	Source ID	Wet Wt.	Dry Wt.	Wet Wt.	Dry Wt.	Wet Wt.	Dry Wt.	Wet Wt.	Dry Wt.
1									
2									
3									
4									
5									
6									
7									
8									
9									
10									
11									
12									
13									
14									
15									
16									
17									
18									
19									
20									
21									
22									
23									
24									
25									
26									
27									
28									
29									
30									
31									

Total Application (tons)								
Application Rate (tn/ac)								
PAN Application (lb)								
PAN Rate (lb/ac)								
Phosphorus Rate (lb)								
Phosphorus Rate (lb/ac)								
Potassium Rate (lb)								
Potassium Rate (lb/ac)								

ANNUAL FIELD ACTIVITIES SUMMARY

Year _____ **Field ID Number** _____

Gross Acreage _____
Net Acreage _____
Crop _____
Actual Planting Date _____
Actual Harvest Date _____

Month	Date	Biosolids Applied		PAN Applied	P Applied	K Applied	Irrigation		Precipitation	Runoff Control Status
		wet tn	dry tn	tn/ac	tn/ac	tn/ac	gallons	inches	inches	

ANNUAL FIELD ACTIVITIES SUMMARY

Year _____ **Field ID Number** _____

Gross Acreage _____
Net Acreage _____
Crop _____
Actual Planting Date _____
Actual Harvest Date _____

Month	Date	Biosolids Applied		PAN Applied	P Applied	K Applied	Irrigation		Precipitation	Runoff Control Status
		wet tn	dry tn	tn/ac	tn/ac	tn/ac	gallons	inches	inches	

ANNUAL FIELD ACTIVITIES SUMMARY

Year _____ **Field ID Number** _____

Gross Acreage _____
Net Acreage _____
Crop _____
Actual Planting Date _____
Actual Harvest Date _____

Month	Date	Biosolids Applied		PAN Applied	P Applied	K Applied	Irrigation		Precipitation	Runoff Control Status
		wet tn	dry tn	tn/ac	tn/ac	tn/ac	gallons	inches	inches	
Totals										