

Notice and Necessary Information

To be Completed by Preparers of Class B Biosolids

Facility Name: Orange County Sanitation District Reclamation Plant #1, Fountain Valley, CA and Treatment Plant #2, Huntington Beach, CA

Monitoring Period: March 1- 31, 2013

Sampling date(s): 03/06/2013, 03/13/2013

Pollutant and Nitrogen concentrations (report results on 100% dry weight basis).

	As (mg/kg)	Cd (mg/kg)	Cu (mg/kg)	Pb (mg/kg)	Hg (mg/kg)	Mo (mg/kg)	Ni (mg/kg)	Se (mg/kg)	Zn (mg/kg)	Org-N (mg/kg)	Ammonia (mg/kg)	Cr (mg/kg)	% solids
Result Plant 1	5.5	5.5	520	<23	1.7	14	41	8.4	700	33,000	10,000	52	18
Result Plant 2	10	3.8	610	<21	0.94	16	34	6.8	880	23,000	10,000	59	20
Table 3	41	39	1,500	300	17	N/A	420	100	2,800	N/A	N/A	N/A	N/A
Table 1	75	85	4,300	840	57	75	420	100	7,500	N/A	N/A	3,000	N/A

Class B Pathogen Reduction

Class B pathogen reduction requirements from 40 CFR part 503 have been met via anaerobic digestion under the following parameters

	Mean Residence Time (days)		Mean minimum Temperature (°F)
	Min	Max	
Plant 1	16.6*	19.3	98
Plant 2	23.1	24.0	98

*See Significant Events section on next page

Vector Attraction Reduction

The vector attraction reduction requirements of 40 CFR part 503 and Arizona Administrative Code R18-9-1010.A have been met using data analyzed by an Arizona certified laboratory to comply with Option 1:

	% Volatile Solids		
	In	Out	Reduction
Plant 1	3.3	1.5	56.3
Plant 2	3.7	1.5	60.8

Certifications:

NPDES permit: *I certify, under penalty of law, that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or the persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.*


503 Class B: *I certify, under penalty of law, that the Class B pathogen requirements in 503.32(b) and the vector attraction reduction requirement in 503.33(b)(1) have been met. This determination has been made under my direction and supervision in accordance with the system designed to ensure that qualified personnel properly gather and evaluate the information used to determine that the pathogen requirements and vector attraction requirements have been met. I am aware that there are significant penalties for false certification including the possibility of fine and imprisonment.*

Arizona Class B: *I certify, under penalty of law, that the pollutant analyses and the description of pathogen treatment and vector attraction reduction activities have been made under my direction and supervision and under a system designed to ensure that qualified personnel properly gather and evaluate the information used to determine whether the applicable biosolids requirements have been met. I am aware that there are significant penalties for false certification including the possibility of fine and imprisonment.*


5/21/2013

5/21/2013


5/13/2013

X 
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Significant Events:

All biosolids met Class B. There was a reduction in detention time under 15 days for three out of seven digesters on March 14-15, 2013; however, the entire system continued to meet the 30-day mean cell residence time with an average of 18.8 days for those days.