

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

Monitoring Period: March 1- 31, 2011

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

Sampling date(s): 3/2/11, 3/9/11

	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	8.6	3.5	600	<22	1.0	14	38	10	740	54,200	8,800	53	18
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 by digesting solids for a mean residence time of 19.4 to 21.1 days at a mean minimum temperature of 97 ° F

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: %VS_{in} = 3.06
%VS_{out} = 1.25 %VS_R = 59.2

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*

6/16/2011

6/21/2011

6/13/2011

X



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Notice and Necessary Information

To be Completed by Preparers of Class B Biosolids

Facility Name: Orange County Sanitation District Treatment Plant #2, Huntington Beach, CA

Monitoring Period: March 1- 31, 2010

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

Sampling date(s): 3/2/11, 3/9/11

	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	10	2.4	520	<19	1.0	15	34	11	700	32,900	9,100	60	21
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 by digesting solids for a mean residence time of 23.2 to 24.5 days at a mean minimum temperature of 98° F

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: %VS_{in} = 4.04
%VS_{out} = 1.4 %VS_R = 65.3

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*


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