Notice and Necessary Information
To be Completed by Preparers of Class B Biosolids

Facility Name: Town of Windsor Water Reclamation Plant, Sludge Pond S3 **Monitoring Period:** 1st QTR, 2014(1)

1. Pollutant and Nitrogen concentrations reported as **mg/kg** 100% dry weight basis.

	As	Cd	Cr	Cu	Pb	Hg(3)	Mo	Ni	Se	Zn	Org-N	NH_4-N	% solids
Result(2)	ND <40	ND <40	22.1	1430	ND <40	0.551 J	ND <40	38.7	ND <40	1010	44300	9700	2.5
Table 3	41	39	1200	1500	300	17	NA	420	100	2800	NA	NA	NA
Table 1	75	85	3000	4300	840	57	75	420	100	7500	NA	NA	NA

(1) Sampling Date(s): Metals on 04/09/2014; Nitrogen compounds on 1/15/14; Fecal Coliform Qtly on 4/8,10,11,15,16,16,17/2014; Final TS & VS for VAR Calculation on 04/17/2014; Initial TS & VS for VAR Calculation on 09/06/2013; Monthly RAS to Sludge Ponds on 2/11, 3/12, 4/9/2014. Lab Data Sheets are attached.

(2) ND = Compound not detected at the detection limit shown.

(3) Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

(4) Organic-N = TKN – (NH_4-N Ammonia + NO3 + NO2)

2. Class B Pathogen Reduction: (Check off and fill in applicable portion)

___ anaerobic digestion for _____ to _____days at ____ to ____ degrees F / C (range for past month)
Class B: time (days) ≥35 to 55 (temp, degrees C) for 15 days or 20 (temp, degrees C) for 60 days

___ aerobic digestion for ____to ____ days at _____to ____ degrees F / C (range for past month)
Class B: time (days) ≥ 120 - 4(temp, degrees C) for times between 40 and 60 days

___ drying beds for ____to_____ months (attach records of dates in and out)
Class B: time > 3 months; 2 months > 0 degrees C

_X_ fecal coliform: geometric mean of seven samples = 2,150 MPN/g dry weight (lab results attached)
Class B: geometric mean of seven samples is < 2,000,000 MPN/g

___ lime stabilization: pH at 2 hours after addition = _____
Class B: pH 2 hours after addition of lime is ≥ 12

3. Vector Attraction Reduction:

X Option 1: % VS_{in} = 73 % VS_{out} = 59 % FVSR = 47% (lab results attached)
VAR: VSR > 38%

____ Option 2/3: Bench scale test: % VSR = _____ after ____ days
VAR: additional VSR < 17% after 40 days (anaerobic), < 15% after 30 days (aerobic)

____ Option 4: SOUR = _____
VAR: SOUR < 1.5 mg O_2/hr/gram (dry weight)

____ Option 5: Composted _____ days at temps of _____ to _____degrees F/C (attach times/temps)
VAR: temp > 40 degrees C for 14 days, w/5 days > 45 degrees C

____ Option 6: time alkali added: _____ pH after 2 hours = ___ pH after 22 hours = ___
VAR: pH ≥ 12 for 2 hours after alkali addition, ≥ 11.5 for additional 22 hrs

____ Option 7: % solids =_____Stabilization method: _____
VAR: stabilized solids > 75%

____ Option 8: % solids = _____
VAR: unstabilized solids > 90%

____ Option 9/10: Applier will inject/incorporate within __ hours
VAR: injection within 1 hour, incorporation within 6 hours

Certification: 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.

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Signature: Brian Diamantini **Date:** 5/20/2014

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