



Department of Public Works

Pretreatment Department
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To: Leslie Allen Daniels ADEQ
5301 Northshore Drive
North Little Rock, AR 72118

Re: 2014 Sludge Application & Soil Analysis Report Revision

Please find enclosed the revised copy of the Biosolids Analysis page for 2014 Sludge Application and Soil Analysis Report. All other recipients one copy enclosed.

If you have any questions or comments, I can be reached at kathryn.catlin@cityofharrison.com.
870-741-5527

Sincerely,

Kathryn Catlin
Wastewater Systems Manager

Cc: ADEQ, Katherine Yarberry#70133020000090624580
Charles Meyers, Land Owner#70131710000123922944
Meredith Miller, Land Owner# 70131710000123922937
EPA Region 6#70131710000123922913

Harrison, Arkansas Permit # 5158-W
Wastewater Treatment Plant
Annual Report of Sludge Management Plan
Biosolids Analysis for 2014 Land Application Report

Analysis	Reporting Units	Results	Maximum Limit	
Total Kjeldahl Nitrogen	mg/Kg	58200	Report	
Ammonia Nitrogen	mg/Kg	1070	Report	
Nitrate Nitrogen	mg/Kg	470.00	Report	
Nitrite Nitrogen *	mg/Kg	8.00	Report	
Total Phosphorus	mg/Kg	21800	Report	
Calcium**	meq/L	3.09	Report	
Magnesium **	meq/L	1.00	Report	
Sodium **	mg/Kg	888	Report	
Total Potassium	mg/Kg	2590	Report	
Sodium Adsorption Ratio (SAR)	$Na^+ / [(Ca^{2+} + Mg^{2+})/2]^{1/2}$	1.1700	Report	
Percent Total Solids	%	12.50%	Report	
pH	S.U.	7.20	Report	
			LIMITS FROM PERMIT	
Analysis	Reporting Units	Results	Ceiling Concentration mg/kg	Cumulative Pollutant Loading Rate lb/ac
Arsenic *	mg/Kg	8.00	75	37
Cadmium	mg/Kg	1.30	85	35
Copper	mg/Kg	388.00	4300	270
Lead	mg/Kg	31.80	840	270
Mercury	mg/Kg	3.43	57	15
Molybdenum	mg/Kg	9.44	75	Report
Nickel	mg/Kg	68.60	420	378
Selenium*	mg/Kg	8.00	100	90
Zinc	mg/Kg	1140.00	7500	2520
PCBs	mg/Kg	***0.762	50	NA

* Parameter values were reported by the laboratory as < values

** Laboratory reported as meq/L

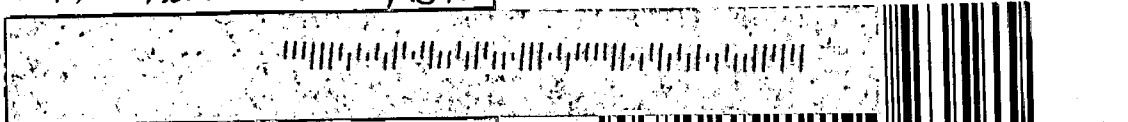
***Revised analytical data

CERTIFIED MAIL™

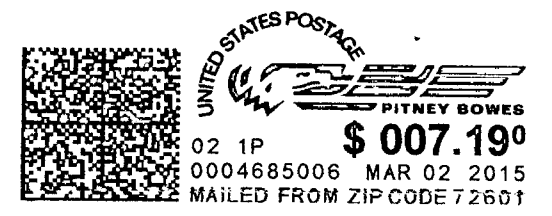
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PO B

Harrison AR 72602



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