

Report Number: 13-036-0200
 Account Number: 04489
 Submitted By: DOUGLAS K GRIMES



A&L Eastern Laboratories, Inc.
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Send To: FAIRFAX WATER
 DOUGLAS GRIMES
 1295 FRED MORIN RD
 HERNDON, VA 20170

Project : SOLIDS PAD

Lab Number : 91707
 Sample Id : SOLIDS PAD

REPORT OF ANALYSIS

Date Sampled: 2/4/2013 10:45:00
 Date Received: 02/05/2013 00:00
 Date Reported: 02/08/2013

PARAMETER	RESULT (%)	RESULT (mg/kg)	QUANTITATION LIMIT (mg/kg)	ANALYST	ANALYSIS DATE/TIME	METHOD
Total Solids *	24.68	246800	100.0	JM	02/05/2013 13:59	SM-2540G
Moisture *	75.32		100.0	JM	02/05/2013 13:59	SM-2540G
Total Kjeldahl Nitrogen	0.69	6850	10.0	JM	02/06/2013 08:35	SM-4500-NH3C-TKN
Total Phosphorus	0.13	1260	100	KM	02/06/2013 12:41	SW 6010C
Total Potassium	0.28	2760	100	KM	02/06/2013 12:41	SW 6010C
Total Sulfur	0.40	3990	100	KM	02/06/2013 12:41	SW 6010C
Total Calcium	0.96	9640	100	KM	02/06/2013 12:41	SW 6010C
Total Magnesium	0.39	3880	100	KM	02/06/2013 12:41	SW 6010C
Total Sodium	0.03	294	100	KM	02/06/2013 12:41	SW 6010C
Total Iron		29000	100	KM	02/06/2013 12:41	SW 6010C
Total Aluminum		79800	100	KM	02/06/2013 12:41	SW 6010C
Total Manganese		1560	5	KM	02/06/2013 12:41	SW 6010C
Total Copper		43	5	KM	02/06/2013 12:41	SW 6010C
Total Zinc		128	5	KM	02/06/2013 12:41	SW 6010C
Ammonia Nitrogen	0.05	527	10.0	JM	02/07/2013 08:24	SM-4500-NH3C
Organic N	0.64	6323	10.0		02/06/2013 08:35	CALCULATION
Nitrate+Nitrite-N		137	2.00	JM	02/07/2013 08:25	SM-4500NO3F
Total Cadmium		<2.0	2.0	KM	02/06/2013 12:41	SW 6010C

All values are on a dry weight basis except as noted by asterisk. Detection limit on all N series is on a wet basis.

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Debbie Holt

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Attachment 6

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PARAMETER	RESULT (%)	RESULT (mg/kg)	QUANTITATION LIMIT (mg/kg)	ANALYST	ANALYSIS DATE/TIME	METHOD
Total Chromium		32	5	KM	02/06/2013 12:41	SW 6010C
Total Nickel		30	5	KM	02/06/2013 12:41	SW 6010C
Total Lead		18	5	KM	02/06/2013 12:41	SW 6010C
Total Arsenic		7.0	3.0	KM	02/06/2013 12:41	SW 6010C
Total Mercury		<0.4	0.4	KM	02/07/2013 09:00	SW-7471B
Total Selenium		<5.0	5.0	KM	02/06/2013 12:41	SW 6010C
pH (Standard Units) *	7.27		2.00	JM	02/06/2013 09:00	SW-9045D
Calcium Carbonate Equivalent	0.71	7100	100	JM	02/06/2013 13:00	AOAC 955.01
Total Molybdenum		<5	5	KM	02/06/2013 12:41	SW 6010C

Comments:

NELAP ACCREDITED: VA NELAC LAB, # 460014, PA NELAC LAB # 68-03109, FL NELAC LAB # E871087, NJ NELAC LAB # VA01N. RESULTS REPORTED MEET ALL REQUIREMENTS OF THE CURRENT NELAC STANDARDS. SULFUR NOT FOR COMPLIANCE PURPOSES. CCE FOR COMPLIANCE IN VIRGINIA AND PENNSYLVANIA ONLY.
QUALIFIER: THE MATRIX SPIKE WAS OUT OF LIMITS FOR "Se". THE MSD WAS OUT OF LIMITS FOR "K" AND "Se". ALL OTHER QC DATA IS ACCEPTABLE.

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Debbie Holt