



(509) 662-1888
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3019 G.S. Center Road
Wenatchee, WA 98801

(509) 452-7707
Fax: (509) 452-7773
1008 W. Ahtanum Rd.
Union Gap, WA 98903

Batch: 273890
Client: Kittitas Co Solid Waste
Account: 01522
Sampler: Reno
PO Number:

--- Analytical Services Report ---

Kittitas Co Solid Waste
Reno Allpin
925 Industrial Way
Ellensburg, WA 98926

Report Date: 11/15/12

Laboratory Number: 12-E023978
Sample Identification: Lagoon
Sample Comment: Soil

Date Received: 10/25/12
Date Sampled: 10/23/12

Test Requested	Results	Units	RL	Method	Date Analyzed	Flags
Arsenic Solid	7.920	mg/Kg	2.64	SW846 6010	10/29/12	
Barium Solid	88.7	mg/Kg	0.211	SW846 6010	10/29/12	
Cadmium Solid	2.62	mg/Kg	0.32	SW846 6010	10/29/12	
Lead Solid	24.5	mg/Kg	2.6	SW846 6010	10/29/12	
Iron Solid	19200	mg/Kg	1.06	SW846 6010	10/29/12	
Manganese Solid	393.	mg/Kg	0.2	SW846 6010	10/29/12	
Mercury Solid	0.0487	mg/Kg	0.0106	SW846 7471	11/ 2/12	
Selenium Solid	< 2.64	mg/Kg	2.64	SW846 6010	10/29/12	
Silver Solid	< 0.26	mg/Kg	0.26	SW846 6010	10/29/12	
Calcium Solid	5910	mg/Kg	10.6	SW846 6010	10/29/12	
Magnesium Solid	5760	mg/Kg	2.11	SW846 6010	10/29/12	
Sulfur Solid	174.	mg/Kg	13.2	SM3120	10/30/12	
Total Percent Solids	94.7	%	0.01 %	SM 2540-B	10/29/12	
Copper Solid	23.4	mg/Kg	0.317	SW846 6010	10/29/12	
Zinc Solid	73.4	mg/Kg	0.53	SW846 6010	10/29/12	
Ammonia Solid	0.74	mg/kg		SM4500-NH3N	10/26/12	
Nickel Solid	33.5	mg/Kg	0.264	SW846 6010	10/29/12	
Thallium/Solid	< 2.11	mg/Kg	2.11	SW846 6010	10/29/12	
Antimony Solid	< 2.11	mg/kg	2.11	SW846 6010	10/29/12	

Approved By:

Cascade Analytical uses procedures established by EPA, AOAC, APHA, ASTM, and FDA/BAM. Cascade Analytical makes no warranty of any kind the client assumes all risk and liability from the use of these results. Cascade Analytical, Inc.'s liability to the client as a result of use of Cascade's test results shall be limited to a sum equal to the fees paid by the client to Cascade Analytical, Inc. for analysis. PLEASE REVIEW YOUR DATA IN A TIMELY MANNER. DATA GAPS OR ERRORS AFTER THREE MONTHS WILL NOT BE OUR RESPONSIBILITY. THOUGH WE DO KEEP ALL ANALYTICAL DATA FOR SEVERAL YEARS, SAMPLES ARE DISPOSED OF AFTER SIX WEEKS.



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Date Sampled: 10/23/12

Test Requested	Results	Units	RL	Method	Date Analyzed	Flags
Beryllium Solid	0.634	mg/Kg	0.053	SW846 6010	10/29/12	
Vanadium Solid	47.1	mg/Kg	0.37	SW846 6010	10/29/12	
Total Metals Digest Solid	Metals Digest			SW846 3050	10/26/12	
Other Analysis	Analyzed by TAL/S				10/31/12	
Fecal MPN A-1 Media	< 2	MPN/g	1.8	SM 9221-E2		H Flag
Chloride Soil	516.	mg/Kg	4.0 mg/Kg		11/ 1/12	

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