



STL

STL Sacramento
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October 29, 2006

STL SACRAMENTO PROJECT NUMBER: G6I080346
PO/CONTRACT:

Phil Goss
OMYA, Inc.
61 Main Street
Proctor, VT 05765

Dear Mr. Goss,

This report contains the analytical results for the samples received under chain of custody by STL Sacramento on September 8, 2006. The samples were shipped to STL Sacramento from Endyne, Inc. per the request of Omya Inc. The samples were analyzed for TAA per the request of Omya. These samples are associated with your Omya project.

If you have any questions, please feel free to call me at (916) 374-4411.

Sincerely,

Patrick Rainey
Project Manager

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CASE NARRATIVE

STL SACRAMENTO PROJECT NUMBER G6I080346

General Comments-

The samples were received at STL Sacramento on 9/8/06 at an average temperature of 10 degrees C. Three ice gel pack were included with the shipment. No sample collection date was included on the COC or sample containers. A sampling date of 9/7/06 was used by the laboratory for sample login. The COC requested analysis of "Flotation reagent (TOHI)". Per further clarification from Omya, the samples were analyzed for TAA by LC/MS/MS (Method 8321 mod.)

WATER, 8321, TAA by 8321 modified,
Sample(s): 1, 2, 3, 4, 5, 6

Analysis of samples was initiated on 10/10/2006. When the program was set up, the analysis of MS/SD samples was not requested. On 10/23/3006, the client requested an MS/SD be analyzed on one or more remaining samples. The samples in this project had already been analyzed for TAA prior to the request for analysis of MS/SD samples, therefore this set of samples does not have an MS/SD associated with it.

There were no other anomalies associated with this project.

STL Sacramento Certifications/Accreditations

Certifying State	Certificate #	Certifying State	Certificate #
Alaska	UST-055	Oregon*	CA 200005
Arizona	AZ0616	Pennsylvania	68-1272
Arkansas	04-067-0	South Carolina	87014002
California*	01119CA	Texas	TX 270-2004A
Colorado	NA	Utah*	QUANI
Connecticut	PH-0691	Virginia	00178
Florida*	E87570	Washington	C087
Georgia	960	West Virginia	9930C, 334
Hawaii	NA	Wisconsin	998204680
Louisiana*	01944	NFESC	NA
Michigan	9947	USACE	NA
Nevada	CA44	USDA Foreign Plant	37-82605
New Jersey*	CA005	USDA Foreign Soil	S-46613
New York*	11666		

*NELAP accredited. A more detailed parameter list is available upon request. Update 1/27/05

QC Parameter Definitions

QC Batch: The QC batch consists of a set of up to 20 field samples that behave similarly (i.e., same matrix) and are processed using the same procedures, reagents, and standards at the same time.

Method Blank: An analytical control consisting of all reagents, which may include internal standards and surrogates, and is carried through the entire analytical procedure. The method blank is used to define the level of laboratory background contamination.

Laboratory Control Sample and Laboratory Control Sample Duplicate (LCS/LCSD): An aliquot of blank matrix spiked with known amounts of representative target analytes. The LCS (and LCSD as required) is carried through the entire analytical process and is used to monitor the accuracy of the analytical process independent of potential matrix effects. If an LCSD is performed, it may also be used to evaluate the precision of the process.

Duplicate Sample (DU): Different aliquots of the same sample are analyzed to evaluate the precision of an analysis.

Surrogates: Organic compounds not expected to be detected in field samples, which behave similarly to target analytes. These are added to every sample within a batch at a known concentration to determine the efficiency of the sample preparation and analytical process.

Matrix Spike and Matrix Spike Duplicate (MS/MSD): An MS is an aliquot of a matrix fortified with known quantities of specific compounds and subjected to an entire analytical procedure in order to indicate the appropriateness of the method for a particular matrix. The percent recovery for the respective compound(s) is then calculated. The MSD is a second aliquot of the same matrix as the matrix spike, also spiked, in order to determine the precision of the method.

Isotope Dilution: For isotope dilution methods, isotopically labeled analogs (internal standards) of the native target analytes are spiked into the sample at time of extraction. These internal standards are used for quantitation, and monitor and correct for matrix effects. Since matrix effects on method performance can be judged by the recovery of these analogs, there is little added benefit of performing MS/MSD for these methods. MS/MSD are only performed for client or QAPP requirements.

Control Limits: The reported control limits are either based on laboratory historical data, method requirements, or project data quality objectives. The control limits represent the estimated uncertainty of the test results.

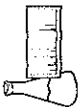
Sample Summary

G6I080346

<u>WO#</u>	<u>Sample #</u>	<u>Client Sample ID</u>	<u>Sampling Date</u>	<u>Received Date</u>
JD1GN	1	1	9/7/2006	9/8/2006 09:15 AM
JD1G1	2	2	9/7/2006	9/8/2006 09:15 AM
JD1G6	3	3	9/7/2006	9/8/2006 09:15 AM
JD1G8	4	4	9/7/2006	9/8/2006 09:15 AM
JD1HA	5	5	9/7/2006	9/8/2006 09:15 AM
JD1HC	6	6	9/7/2006	9/8/2006 09:15 AM

Notes(s):

- The analytical results of the samples listed above are presented on the following pages.
- All calculations are performed before rounding to avoid round-off errors in calculated results.
- Results noted as "ND" were not detected at or above the stated limit.
- This report must not be reproduced, except in full, without the written approval of the laboratory.
- Results for the following parameters are never reported on a dry weight basis: color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filter test, pH, porosity, pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight



ENDYNE, INC.
 160 James Brown Drive
 Williston, Vermont 05495
 (802) 879-4333

CHAIN-OF-CUSTODY-RECORD

86988

Special Reporting Instructions:

Project Name:	Reporting Address:	Billing Address:
Endyne Order ID: (Lab Use Only)	Company: Contact Name/Phone #:	Sampler Name: Phone #:
-O -I -S		

Ref # (Lab Use Only)	Sample Identification	Matrix	G R A B	C O M P	Date/Time	Sample Containers		Field Results/Remarks	Analysis Required	Sample Preservation	Rush
						No.	Type/Size				
	Well L										
	NO Sample Available - 6/19/14				6/19/14						

Relinquished by:	Date/Time	Received by:	Date/Time
		<i>[Signature]</i>	9/18/14

New York State Project: Yes		No		Requested Analyses	
1	pH	6	TKN	11	Total Solids
2	Chloride	7	Total P	12	TSS
3	Ammonia N	8	Total Diss. P	13	TDS
4	Nitrite N	9	BOD	14	Turbidity
5	Nitrate N	10	Alkalinity	15	Conductivity
31	Metals (As Is, Total, Diss.) Ag, Al, As, B, Ba, Be, Ca, Cd, Co, Cr, Cu, Fe, Hg, K, Mg, Mn, Mo, Na, Ni, Pb, Sb, Se, Tl, V, Zn				
32	TCLP (Specify: volatiles, semi-volatiles, metals, pesticides, herbicides)				
34	Other				

Delivery:	LAB USE ONLY
Temp:	Comment:

(White, Yellow - Laboratory / Pink - Client)

WATER, 8321, TAA by
8321 modified,

Name	Quantims ID	TAA Result	Qual	DT Result	Qual	IM Result	Qual	AEEA Result	Qual	Total Result	Qual
G6I080346											
Sa Vial S	G6I080346-1	2.02	ND							ND	
Sa Vial X	G6I080346-2	1.90	ND							ND	
Sa Vial T	G6I080346-3	1.90	ND							ND	
Sa Vial W	G6I080346-4	1.90	ND							ND	
Sa Vial U	G6I080346-5	1.90	ND							ND	
Sa Vial K	G6I080346-6	1.90	ND							ND	