APPENDIX A

ANALYTICAL LABORATORY REPORTS AND FIELD SAMPLING FORMS

(SEE ATTACHED CD)

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

17461 Derian Avenue. Suite 100, Irvine, CA 92614 (949) 261-1022 Fax:(949) 260-3297

LABORATORY REPORT

Prepared For: de Maximis, Inc. - San Diego
1322 Scott Street, Suite 101
San Diego, CA 92106
Attention: Ed Modiano

Project: Consent Wells (Henderson)
3200A Consent Order Wells

Sampled: 04/03/08
Received: 04/04/08
Issued: 04/18/08 16:54

NELAP #01108CA Nevada #CA-72

The results listed within this Laboratory Report pertain only to the samples tested in the laboratory. The analyses contained in this report were performed in accordance with the applicable certifications as noted. All soil samples are reported on a wet weight basis unless otherwise noted in the report. This Laboratory Report is confidential and is intended for the sole use of TestAmerica and its client. This report shall not be reproduced, except in full, without written permission from TestAmerica. The Chain of Custody, 1 page, is included and is an integral part of this report.
This entire report was reviewed and approved for release.

SAMPLE CROSS REFERENCE

LABORATORY ID	CLIENT ID	MATRIX
IRD0393-01	H-49A	Water
IRD0393-02	H-49A(FD)	Water
IRD0393-03	H-56A	Water
IRD0393-04	H-58A	Water
IRD0393-05	040308 EB	Water
IRD0393-06	040308 TB	Water

Reviewed By:

TestAmerica Irvine

Aaron Harris For Amy Windham
Project Manager

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1322 Scott Street, Suite 101
San Diego, CA 92106
Attention: Ed Modiano

Project ID: Consent Wells (Henderson)
3200A Consent Order Wells
Report Number: IRD0393

Sampled: 04/03/08
Received: 04/04/08

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRD0393-01 (H-49A - Water)				**Sampled: 04/03/08**				
Reporting Units: ug/l								
Benzene	EPA 8260B	8D09009	2.0	ND	1	4/9/2008	4/9/2008	
Bromobenzene	EPA 8260B	8D09009	5.0	ND	1	4/9/2008	4/9/2008	
Bromochloromethane	EPA 8260B	8D09009	5.0	ND	1	4/9/2008	4/9/2008	
Bromodichloromethane	EPA 8260B	8D09009	2.0	ND	1	4/9/2008	4/9/2008	
Bromoform	EPA 8260B	8D09009	5.0	ND	1	4/9/2008	4/9/2008	
Bromomethane	EPA 8260B	8D09009	5.0	ND	1	4/9/2008	4/9/2008	
n-Butylbenzene	EPA 8260B	8D09009	5.0	ND	1	4/9/2008	4/9/2008	
sec-Butylbenzene	EPA 8260B	8D09009	5.0	ND	1	4/9/2008	4/9/2008	
tert-Butylbenzene	EPA 8260B	8D09009	5.0	ND	1	4/9/2008	4/9/2008	
Carbon tetrachloride	EPA 8260B	8D09009	5.0	ND	1	4/9/2008	4/9/2008	
Chloroethane	EPA 8260B	8D09009	5.0	ND	1	4/9/2008	4/9/2008	
Chloroform	EPA 8260B	8D09009	2.0	ND	1	4/9/2008	4/9/2008	
Chloromethane	EPA 8260B	8D09009	5.0	ND	1	4/9/2008	4/9/2008	
2-Chlorotoluene	EPA 8260B	8D09009	5.0	ND	1	4/9/2008	4/9/2008	
4-Chlorotoluene	EPA 8260B	8D09009	5.0	ND	1	4/9/2008	4/9/2008	
Dibromochloromethane	EPA 8260B	8D09009	2.0	ND	1	4/9/2008	4/9/2008	
1,2-Dibromo-3-chloropropane	EPA 8260B	8D09009	5.0	ND	1	4/9/2008	4/9/2008	
1,2-Dibromoethane (EDB)	EPA 8260B	8D09009	2.0	ND	1	4/9/2008	4/9/2008	
Dibromomethane	EPA 8260B	8D09009	2.0	ND	1	4/9/2008	4/9/2008	
1,2-Dichlorobenzene	EPA 8260B	8D09009	2.0	**9.6**	1	4/9/2008	4/9/2008	
1,3-Dichlorobenzene	EPA 8260B	8D09009	2.0	ND	1	4/9/2008	4/9/2008	
1,4-Dichlorobenzene	EPA 8260B	8D09009	2.0	**15**	1	4/9/2008	4/9/2008	
Dichlorodifluoromethane	EPA 8260B	8D09009	5.0	ND	1	4/9/2008	4/9/2008	
1,1-Dichloroethane	EPA 8260B	8D09009	2.0	**18**	1	4/9/2008	4/9/2008	
1,2-Dichloroethane	EPA 8260B	8D09009	2.0	ND	1	4/9/2008	4/9/2008	
1,1-Dichloroethene	EPA 8260B	8D09009	5.0	ND	1	4/9/2008	4/9/2008	
cis-1,2-Dichloroethene	EPA 8260B	8D09009	2.0	ND	1	4/9/2008	4/9/2008	
trans-1,2-Dichloroethene	EPA 8260B	8D09009	2.0	ND	1	4/9/2008	4/9/2008	
1,2-Dichloropropane	EPA 8260B	8D09009	2.0	ND	1	4/9/2008	4/9/2008	
1,3-Dichloropropane	EPA 8260B	8D09009	2.0	ND	1	4/9/2008	4/9/2008	
2,2-Dichloropropane	EPA 8260B	8D09009	2.0	ND	1	4/9/2008	4/9/2008	
1,1-Dichloropropene	EPA 8260B	8D09009	2.0	ND	1	4/9/2008	4/9/2008	
cis-1,3-Dichloropropene	EPA 8260B	8D09009	2.0	ND	1	4/9/2008	4/9/2008	
trans-1,3-Dichloropropene	EPA 8260B	8D09009	2.0	ND	1	4/9/2008	4/9/2008	
Ethylbenzene	EPA 8260B	8D09009	2.0	ND	1	4/9/2008	4/9/2008	
Hexachlorobutadiene	EPA 8260B	8D09009	5.0	ND	1	4/9/2008	4/9/2008	
Isopropylbenzene	EPA 8260B	8D09009	2.0	ND	1	4/9/2008	4/9/2008	
p-Isopropyltoluene	EPA 8260B	8D09009	2.0	ND	1	4/9/2008	4/9/2008	
Methylene chloride	EPA 8260B	8D09009	5.0	ND	1	4/9/2008	4/9/2008	
Naphthalene	EPA 8260B	8D09009	5.0	ND	1	4/9/2008	4/9/2008	
n-Propylbenzene	EPA 8260B	8D09009	2.0	ND	1	4/9/2008	4/9/2008	

TestAmerica Irvine

Aaron Harris For Amy Windham
Project Manager

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de Maximis, Inc. - San Diego
1322 Scott Street, Suite 101
San Diego, CA 92106
Attention: Ed Modiano

Project ID: Consent Wells (Henderson)
3200A Consent Order Wells
Report Number: IRD0393

Sampled: 04/03/08
Received: 04/04/08

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRD0393-01 (H-49A - Water) - cont.				**Sampled: 04/03/08**				
Reporting Units: ug/l								
Styrene	EPA 8260B	8D09009	2.0	ND	1	4/9/2008	4/9/2008	
1,1,1,2-Tetrachloroethane	EPA 8260B	8D09009	5.0	ND	1	4/9/2008	4/9/2008	
1,1,2,2-Tetrachloroethane	EPA 8260B	8D09009	2.0	ND	1	4/9/2008	4/9/2008	
Tetrachloroethene	EPA 8260B	8D09009	2.0	**4.2**	1	4/9/2008	4/9/2008	
Toluene	EPA 8260B	8D09009	2.0	ND	1	4/9/2008	4/9/2008	
1,2,3-Trichlorobenzene	EPA 8260B	8D09009	5.0	ND	1	4/9/2008	4/9/2008	
1,2,4-Trichlorobenzene	EPA 8260B	8D09009	5.0	**14**	1	4/9/2008	4/9/2008	
1,1,1-Trichloroethane	EPA 8260B	8D09009	2.0	ND	1	4/9/2008	4/9/2008	
1,1,2-Trichloroethane	EPA 8260B	8D09009	2.0	ND	1	4/9/2008	4/9/2008	
Trichloroethene	EPA 8260B	8D09009	2.0	**2.9**	1	4/9/2008	4/9/2008	
Trichlorofluoromethane	EPA 8260B	8D09009	5.0	ND	1	4/9/2008	4/9/2008	C, L
1,2,3-Trichloropropane	EPA 8260B	8D09009	10	ND	1	4/9/2008	4/9/2008	
1,2,4-Trimethylbenzene	EPA 8260B	8D09009	2.0	ND	1	4/9/2008	4/9/2008	
1,3,5-Trimethylbenzene	EPA 8260B	8D09009	2.0	ND	1	4/9/2008	4/9/2008	
Vinyl chloride	EPA 8260B	8D09009	5.0	ND	1	4/9/2008	4/9/2008	
o-Xylene	EPA 8260B	8D09009	2.0	ND	1	4/9/2008	4/9/2008	
m,p-Xylenes	EPA 8260B	8D09009	2.0	ND	1	4/9/2008	4/9/2008	
Dimethyl disulfide	EPA 8260B	8D09009	2.0	ND	1	4/9/2008	4/9/2008	
Surrogate: Dibromofluoromethane (80-120%)				*103 %*				
Surrogate: Toluene-d8 (80-120%)				*93 %*				
Surrogate: 4-Bromofluorobenzene (80-120%)				*89 %*				

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Report Number: IRD0393

Sampled: 04/03/08
Received: 04/04/08

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRD0393-01RE1 (H-49A - Water) - cont.				**Sampled: 04/03/08**				**A-01**
Reporting Units: ug/l								
Chlorobenzene	EPA 8260B	8D17023	2.0	ND	1	4/17/2008	4/17/2008	
Surrogate: Dibromofluoromethane (80-120%)				*93 %*				
Surrogate: Toluene-d8 (80-120%)				*95 %*				
Surrogate: 4-Bromofluorobenzene (80-120%)				*95 %*				

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Report Number: IRD0393

Sampled: 04/03/08
Received: 04/04/08

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRD0393-02 (H-49A(FD) - Water)				**Sampled: 04/03/08**				
Reporting Units: ug/l								
Benzene	EPA 8260B	8D09009	2.0	ND	1	4/9/2008	4/9/2008	
Bromobenzene	EPA 8260B	8D09009	5.0	ND	1	4/9/2008	4/9/2008	
Bromochloromethane	EPA 8260B	8D09009	5.0	ND	1	4/9/2008	4/9/2008	
Bromodichloromethane	EPA 8260B	8D09009	2.0	ND	1	4/9/2008	4/9/2008	
Bromoform	EPA 8260B	8D09009	5.0	ND	1	4/9/2008	4/9/2008	
Bromomethane	EPA 8260B	8D09009	5.0	ND	1	4/9/2008	4/9/2008	
n-Butylbenzene	EPA 8260B	8D09009	5.0	ND	1	4/9/2008	4/9/2008	
sec-Butylbenzene	EPA 8260B	8D09009	5.0	ND	1	4/9/2008	4/9/2008	
tert-Butylbenzene	EPA 8260B	8D09009	5.0	ND	1	4/9/2008	4/9/2008	
Carbon tetrachloride	EPA 8260B	8D09009	5.0	ND	1	4/9/2008	4/9/2008	
Chlorobenzene	EPA 8260B	8D09009	2.0	ND	1	4/9/2008	4/9/2008	
Chloroethane	EPA 8260B	8D09009	5.0	ND	1	4/9/2008	4/9/2008	
Chloroform	EPA 8260B	8D09009	2.0	ND	1	4/9/2008	4/9/2008	
Chloromethane	EPA 8260B	8D09009	5.0	ND	1	4/9/2008	4/9/2008	
2-Chlorotoluene	EPA 8260B	8D09009	5.0	ND	1	4/9/2008	4/9/2008	
4-Chlorotoluene	EPA 8260B	8D09009	5.0	ND	1	4/9/2008	4/9/2008	
Dibromochloromethane	EPA 8260B	8D09009	2.0	ND	1	4/9/2008	4/9/2008	
1,2-Dibromo-3-chloropropane	EPA 8260B	8D09009	5.0	ND	1	4/9/2008	4/9/2008	
1,2-Dibromoethane (EDB)	EPA 8260B	8D09009	2.0	ND	1	4/9/2008	4/9/2008	
Dibromomethane	EPA 8260B	8D09009	2.0	ND	1	4/9/2008	4/9/2008	
1,2-Dichlorobenzene	EPA 8260B	8D09009	2.0	**10**	1	4/9/2008	4/9/2008	
1,3-Dichlorobenzene	EPA 8260B	8D09009	2.0	ND	1	4/9/2008	4/9/2008	
1,4-Dichlorobenzene	EPA 8260B	8D09009	2.0	**16**	1	4/9/2008	4/9/2008	
Dichlorodifluoromethane	EPA 8260B	8D09009	5.0	ND	1	4/9/2008	4/9/2008	
1,1-Dichloroethane	EPA 8260B	8D09009	2.0	**18**	1	4/9/2008	4/9/2008	
1,2-Dichloroethane	EPA 8260B	8D09009	2.0	ND	1	4/9/2008	4/9/2008	
1,1-Dichloroethene	EPA 8260B	8D09009	5.0	ND	1	4/9/2008	4/9/2008	
cis-1,2-Dichloroethene	EPA 8260B	8D09009	2.0	ND	1	4/9/2008	4/9/2008	
trans-1,2-Dichloroethene	EPA 8260B	8D09009	2.0	ND	1	4/9/2008	4/9/2008	
1,2-Dichloropropane	EPA 8260B	8D09009	2.0	ND	1	4/9/2008	4/9/2008	
1,3-Dichloropropane	EPA 8260B	8D09009	2.0	ND	1	4/9/2008	4/9/2008	
2,2-Dichloropropane	EPA 8260B	8D09009	2.0	ND	1	4/9/2008	4/9/2008	
1,1-Dichloropropene	EPA 8260B	8D09009	2.0	ND	1	4/9/2008	4/9/2008	
cis-1,3-Dichloropropene	EPA 8260B	8D09009	2.0	ND	1	4/9/2008	4/9/2008	
trans-1,3-Dichloropropene	EPA 8260B	8D09009	2.0	ND	1	4/9/2008	4/9/2008	
Ethylbenzene	EPA 8260B	8D09009	2.0	ND	1	4/9/2008	4/9/2008	
Hexachlorobutadiene	EPA 8260B	8D09009	5.0	ND	1	4/9/2008	4/9/2008	
Isopropylbenzene	EPA 8260B	8D09009	2.0	ND	1	4/9/2008	4/9/2008	
p-Isopropyltoluene	EPA 8260B	8D09009	2.0	ND	1	4/9/2008	4/9/2008	
Methylene chloride	EPA 8260B	8D09009	5.0	ND	1	4/9/2008	4/9/2008	
Naphthalene	EPA 8260B	8D09009	5.0	ND	1	4/9/2008	4/9/2008	

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Project Manager

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Attention: Ed Modiano

Project ID: Consent Wells (Henderson)
3200A Consent Order Wells
Report Number: IRD0393

Sampled: 04/03/08
Received: 04/04/08

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRD0393-02 (H-49A(FD) - Water) - cont.				**Sampled: 04/03/08**				
Reporting Units: ug/l								
n-Propylbenzene	EPA 8260B	8D09009	2.0	ND	1	4/9/2008	4/9/2008	
Styrene	EPA 8260B	8D09009	2.0	ND	1	4/9/2008	4/9/2008	
1,1,1,2-Tetrachloroethane	EPA 8260B	8D09009	5.0	ND	1	4/9/2008	4/9/2008	
1,1,2,2-Tetrachloroethane	EPA 8260B	8D09009	2.0	ND	1	4/9/2008	4/9/2008	
Tetrachloroethene	EPA 8260B	8D09009	2.0	**4.1**	1	4/9/2008	4/9/2008	
Toluene	EPA 8260B	8D09009	2.0	ND	1	4/9/2008	4/9/2008	
1,2,3-Trichlorobenzene	EPA 8260B	8D09009	5.0	ND	1	4/9/2008	4/9/2008	
1,2,4-Trichlorobenzene	EPA 8260B	8D09009	5.0	**15**	1	4/9/2008	4/9/2008	
1,1,1-Trichloroethane	EPA 8260B	8D09009	2.0	ND	1	4/9/2008	4/9/2008	
1,1,2-Trichloroethane	EPA 8260B	8D09009	2.0	ND	1	4/9/2008	4/9/2008	
Trichloroethene	EPA 8260B	8D09009	2.0	**2.9**	1	4/9/2008	4/9/2008	
Trichlorofluoromethane	EPA 8260B	8D09009	5.0	ND	1	4/9/2008	4/9/2008	C, L
1,2,3-Trichloropropane	EPA 8260B	8D09009	10	ND	1	4/9/2008	4/9/2008	
1,2,4-Trimethylbenzene	EPA 8260B	8D09009	2.0	ND	1	4/9/2008	4/9/2008	
1,3,5-Trimethylbenzene	EPA 8260B	8D09009	2.0	ND	1	4/9/2008	4/9/2008	
Vinyl chloride	EPA 8260B	8D09009	5.0	ND	1	4/9/2008	4/9/2008	
o-Xylene	EPA 8260B	8D09009	2.0	ND	1	4/9/2008	4/9/2008	
m,p-Xylenes	EPA 8260B	8D09009	2.0	ND	1	4/9/2008	4/9/2008	
Dimethyl disulfide	EPA 8260B	8D09009	2.0	ND	1	4/9/2008	4/9/2008	
Surrogate: Dibromofluoromethane (80-120%)				*106 %*				
Surrogate: Toluene-d8 (80-120%)				*94 %*				
Surrogate: 4-Bromofluorobenzene (80-120%)				*89 %*				

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Project Manager

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Project ID: Consent Wells (Henderson)
3200A Consent Order Wells
Report Number: IRD0393

Sampled: 04/03/08
Received: 04/04/08

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRD0393-03 (H-56A - Water)				**Sampled: 04/03/08**				
Reporting Units: ug/l								
Benzene	EPA 8260B	8D09009	2.0	ND	1	4/9/2008	4/9/2008	
Bromobenzene	EPA 8260B	8D09009	5.0	ND	1	4/9/2008	4/9/2008	
Bromochloromethane	EPA 8260B	8D09009	5.0	ND	1	4/9/2008	4/9/2008	
Bromodichloromethane	EPA 8260B	8D09009	2.0	ND	1	4/9/2008	4/9/2008	
Bromoform	EPA 8260B	8D09009	5.0	ND	1	4/9/2008	4/9/2008	
Bromomethane	EPA 8260B	8D09009	5.0	ND	1	4/9/2008	4/9/2008	
n-Butylbenzene	EPA 8260B	8D09009	5.0	ND	1	4/9/2008	4/9/2008	
sec-Butylbenzene	EPA 8260B	8D09009	5.0	ND	1	4/9/2008	4/9/2008	
tert-Butylbenzene	EPA 8260B	8D09009	5.0	ND	1	4/9/2008	4/9/2008	
Carbon tetrachloride	EPA 8260B	8D09009	5.0	ND	1	4/9/2008	4/9/2008	
Chlorobenzene	EPA 8260B	8D09009	2.0	ND	1	4/9/2008	4/9/2008	
Chloroethane	EPA 8260B	8D09009	5.0	ND	1	4/9/2008	4/9/2008	
Chloroform	EPA 8260B	8D09009	2.0	ND	1	4/9/2008	4/9/2008	
Chloromethane	EPA 8260B	8D09009	5.0	ND	1	4/9/2008	4/9/2008	
2-Chlorotoluene	EPA 8260B	8D09009	5.0	ND	1	4/9/2008	4/9/2008	
4-Chlorotoluene	EPA 8260B	8D09009	5.0	ND	1	4/9/2008	4/9/2008	
Dibromochloromethane	EPA 8260B	8D09009	2.0	ND	1	4/9/2008	4/9/2008	
1,2-Dibromo-3-chloropropane	EPA 8260B	8D09009	5.0	ND	1	4/9/2008	4/9/2008	
1,2-Dibromoethane (EDB)	EPA 8260B	8D09009	2.0	ND	1	4/9/2008	4/9/2008	
Dibromomethane	EPA 8260B	8D09009	2.0	ND	1	4/9/2008	4/9/2008	
1,2-Dichlorobenzene	EPA 8260B	8D09009	2.0	ND	1	4/9/2008	4/9/2008	
1,3-Dichlorobenzene	EPA 8260B	8D09009	2.0	ND	1	4/9/2008	4/9/2008	
1,4-Dichlorobenzene	EPA 8260B	8D09009	2.0	ND	1	4/9/2008	4/9/2008	
Dichlorodifluoromethane	EPA 8260B	8D09009	5.0	ND	1	4/9/2008	4/9/2008	
1,1-Dichloroethane	EPA 8260B	8D09009	2.0	ND	1	4/9/2008	4/9/2008	
1,2-Dichloroethane	EPA 8260B	8D09009	2.0	ND	1	4/9/2008	4/9/2008	
1,1-Dichloroethene	EPA 8260B	8D09009	5.0	ND	1	4/9/2008	4/9/2008	
cis-1,2-Dichloroethene	EPA 8260B	8D09009	2.0	ND	1	4/9/2008	4/9/2008	
trans-1,2-Dichloroethene	EPA 8260B	8D09009	2.0	ND	1	4/9/2008	4/9/2008	
1,2-Dichloropropane	EPA 8260B	8D09009	2.0	ND	1	4/9/2008	4/9/2008	
1,3-Dichloropropane	EPA 8260B	8D09009	2.0	ND	1	4/9/2008	4/9/2008	
2,2-Dichloropropane	EPA 8260B	8D09009	2.0	ND	1	4/9/2008	4/9/2008	
1,1-Dichloropropene	EPA 8260B	8D09009	2.0	ND	1	4/9/2008	4/9/2008	
cis-1,3-Dichloropropene	EPA 8260B	8D09009	2.0	ND	1	4/9/2008	4/9/2008	
trans-1,3-Dichloropropene	EPA 8260B	8D09009	2.0	ND	1	4/9/2008	4/9/2008	
Ethylbenzene	EPA 8260B	8D09009	2.0	ND	1	4/9/2008	4/9/2008	
Hexachlorobutadiene	EPA 8260B	8D09009	5.0	ND	1	4/9/2008	4/9/2008	
Isopropylbenzene	EPA 8260B	8D09009	2.0	ND	1	4/9/2008	4/9/2008	
p-Isopropyltoluene	EPA 8260B	8D09009	2.0	ND	1	4/9/2008	4/9/2008	
Methylene chloride	EPA 8260B	8D09009	5.0	ND	1	4/9/2008	4/9/2008	
Naphthalene	EPA 8260B	8D09009	5.0	ND	1	4/9/2008	4/9/2008	

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Project Manager

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de Maximis, Inc. - San Diego
1322 Scott Street, Suite 101
San Diego, CA 92106
Attention: Ed Modiano

Project ID: Consent Wells (Henderson)
3200A Consent Order Wells
Report Number: IRD0393

Sampled: 04/03/08
Received: 04/04/08

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRD0393-03 (H-56A - Water) - cont.				**Sampled: 04/03/08**				
Reporting Units: ug/l								
n-Propylbenzene	EPA 8260B	8D09009	2.0	ND	1	4/9/2008	4/9/2008	
Styrene	EPA 8260B	8D09009	2.0	ND	1	4/9/2008	4/9/2008	M2
1,1,1,2-Tetrachloroethane	EPA 8260B	8D09009	5.0	ND	1	4/9/2008	4/9/2008	
1,1,2,2-Tetrachloroethane	EPA 8260B	8D09009	2.0	ND	1	4/9/2008	4/9/2008	
Tetrachloroethene	EPA 8260B	8D09009	2.0	ND	1	4/9/2008	4/9/2008	
Toluene	EPA 8260B	8D09009	2.0	ND	1	4/9/2008	4/9/2008	
1,2,3-Trichlorobenzene	EPA 8260B	8D09009	5.0	ND	1	4/9/2008	4/9/2008	
1,2,4-Trichlorobenzene	EPA 8260B	8D09009	5.0	**8.2**	1	4/9/2008	4/9/2008	
1,1,1-Trichloroethane	EPA 8260B	8D09009	2.0	ND	1	4/9/2008	4/9/2008	
1,1,2-Trichloroethane	EPA 8260B	8D09009	2.0	ND	1	4/9/2008	4/9/2008	
Trichloroethene	EPA 8260B	8D09009	2.0	ND	1	4/9/2008	4/9/2008	
Trichlorofluoromethane	EPA 8260B	8D09009	5.0	ND	1	4/9/2008	4/9/2008	C, L, M7
1,2,3-Trichloropropane	EPA 8260B	8D09009	10	ND	1	4/9/2008	4/9/2008	
1,2,4-Trimethylbenzene	EPA 8260B	8D09009	2.0	ND	1	4/9/2008	4/9/2008	
1,3,5-Trimethylbenzene	EPA 8260B	8D09009	2.0	ND	1	4/9/2008	4/9/2008	
Vinyl chloride	EPA 8260B	8D09009	5.0	ND	1	4/9/2008	4/9/2008	
o-Xylene	EPA 8260B	8D09009	2.0	ND	1	4/9/2008	4/9/2008	
m,p-Xylenes	EPA 8260B	8D09009	2.0	ND	1	4/9/2008	4/9/2008	
Dimethyl disulfide	EPA 8260B	8D09009	2.0	ND	1	4/9/2008	4/9/2008	
Surrogate: Dibromofluoromethane (80-120%)				*103 %*				
Surrogate: Toluene-d8 (80-120%)				*94 %*				
Surrogate: 4-Bromofluorobenzene (80-120%)				*88 %*				

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Project ID: Consent Wells (Henderson)
3200A Consent Order Wells
Report Number: IRD0393

Sampled: 04/03/08
Received: 04/04/08

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRD0393-04 (H-58A - Water)				**Sampled: 04/03/08**				
Reporting Units: ug/l								
Benzene	EPA 8260B	8D09009	2.0	ND	1	4/9/2008	4/9/2008	
Bromobenzene	EPA 8260B	8D09009	5.0	ND	1	4/9/2008	4/9/2008	
Bromochloromethane	EPA 8260B	8D09009	5.0	ND	1	4/9/2008	4/9/2008	
Bromodichloromethane	EPA 8260B	8D09009	2.0	ND	1	4/9/2008	4/9/2008	
Bromoform	EPA 8260B	8D09009	5.0	ND	1	4/9/2008	4/9/2008	
Bromomethane	EPA 8260B	8D09009	5.0	ND	1	4/9/2008	4/9/2008	
n-Butylbenzene	EPA 8260B	8D09009	5.0	ND	1	4/9/2008	4/9/2008	
sec-Butylbenzene	EPA 8260B	8D09009	5.0	ND	1	4/9/2008	4/9/2008	
tert-Butylbenzene	EPA 8260B	8D09009	5.0	ND	1	4/9/2008	4/9/2008	
Carbon tetrachloride	EPA 8260B	8D09009	5.0	ND	1	4/9/2008	4/9/2008	
Chlorobenzene	EPA 8260B	8D09009	2.0	ND	1	4/9/2008	4/9/2008	
Chloroethane	EPA 8260B	8D09009	5.0	ND	1	4/9/2008	4/9/2008	
Chloroform	EPA 8260B	8D09009	2.0	**8.6**	1	4/9/2008	4/9/2008	
Chloromethane	EPA 8260B	8D09009	5.0	ND	1	4/9/2008	4/9/2008	
2-Chlorotoluene	EPA 8260B	8D09009	5.0	ND	1	4/9/2008	4/9/2008	
4-Chlorotoluene	EPA 8260B	8D09009	5.0	ND	1	4/9/2008	4/9/2008	
Dibromochloromethane	EPA 8260B	8D09009	2.0	ND	1	4/9/2008	4/9/2008	
1,2-Dibromo-3-chloropropane	EPA 8260B	8D09009	5.0	ND	1	4/9/2008	4/9/2008	
1,2-Dibromoethane (EDB)	EPA 8260B	8D09009	2.0	ND	1	4/9/2008	4/9/2008	
Dibromomethane	EPA 8260B	8D09009	2.0	ND	1	4/9/2008	4/9/2008	
1,2-Dichlorobenzene	EPA 8260B	8D09009	2.0	**7.9**	1	4/9/2008	4/9/2008	
1,3-Dichlorobenzene	EPA 8260B	8D09009	2.0	ND	1	4/9/2008	4/9/2008	
1,4-Dichlorobenzene	EPA 8260B	8D09009	2.0	**9.9**	1	4/9/2008	4/9/2008	
Dichlorodifluoromethane	EPA 8260B	8D09009	5.0	ND	1	4/9/2008	4/9/2008	
1,1-Dichloroethane	EPA 8260B	8D09009	2.0	**2.2**	1	4/9/2008	4/9/2008	
1,2-Dichloroethane	EPA 8260B	8D09009	2.0	ND	1	4/9/2008	4/9/2008	
1,1-Dichloroethene	EPA 8260B	8D09009	5.0	ND	1	4/9/2008	4/9/2008	
cis-1,2-Dichloroethene	EPA 8260B	8D09009	2.0	ND	1	4/9/2008	4/9/2008	
trans-1,2-Dichloroethene	EPA 8260B	8D09009	2.0	ND	1	4/9/2008	4/9/2008	
1,2-Dichloropropane	EPA 8260B	8D09009	2.0	ND	1	4/9/2008	4/9/2008	
1,3-Dichloropropane	EPA 8260B	8D09009	2.0	ND	1	4/9/2008	4/9/2008	
2,2-Dichloropropane	EPA 8260B	8D09009	2.0	ND	1	4/9/2008	4/9/2008	
1,1-Dichloropropene	EPA 8260B	8D09009	2.0	ND	1	4/9/2008	4/9/2008	
cis-1,3-Dichloropropene	EPA 8260B	8D09009	2.0	ND	1	4/9/2008	4/9/2008	
trans-1,3-Dichloropropene	EPA 8260B	8D09009	2.0	ND	1	4/9/2008	4/9/2008	
Ethylbenzene	EPA 8260B	8D09009	2.0	ND	1	4/9/2008	4/9/2008	
Hexachlorobutadiene	EPA 8260B	8D09009	5.0	ND	1	4/9/2008	4/9/2008	
Isopropylbenzene	EPA 8260B	8D09009	2.0	ND	1	4/9/2008	4/9/2008	
p-Isopropyltoluene	EPA 8260B	8D09009	2.0	ND	1	4/9/2008	4/9/2008	
Methylene chloride	EPA 8260B	8D09009	5.0	ND	1	4/9/2008	4/9/2008	
Naphthalene	EPA 8260B	8D09009	5.0	ND	1	4/9/2008	4/9/2008	

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Project ID: Consent Wells (Henderson)
3200A Consent Order Wells
Report Number: IRD0393

Sampled: 04/03/08
Received: 04/04/08

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRD0393-04 (H-58A - Water) - cont.				**Sampled: 04/03/08**				
Reporting Units: ug/l								
n-Propylbenzene	EPA 8260B	8D09009	2.0	ND	1	4/9/2008	4/9/2008	
Styrene	EPA 8260B	8D09009	2.0	ND	1	4/9/2008	4/9/2008	
1,1,1,2-Tetrachloroethane	EPA 8260B	8D09009	5.0	ND	1	4/9/2008	4/9/2008	
1,1,2,2-Tetrachloroethane	EPA 8260B	8D09009	2.0	ND	1	4/9/2008	4/9/2008	
Tetrachloroethene	EPA 8260B	8D09009	2.0	ND	1	4/9/2008	4/9/2008	
Toluene	EPA 8260B	8D09009	2.0	ND	1	4/9/2008	4/9/2008	
1,2,3-Trichlorobenzene	EPA 8260B	8D09009	5.0	ND	1	4/9/2008	4/9/2008	
1,2,4-Trichlorobenzene	EPA 8260B	8D09009	5.0	**7.6**	1	4/9/2008	4/9/2008	
1,1,1-Trichloroethane	EPA 8260B	8D09009	2.0	ND	1	4/9/2008	4/9/2008	
1,1,2-Trichloroethane	EPA 8260B	8D09009	2.0	ND	1	4/9/2008	4/9/2008	
Trichloroethene	EPA 8260B	8D09009	2.0	**2.5**	1	4/9/2008	4/9/2008	
Trichlorofluoromethane	EPA 8260B	8D09009	5.0	ND	1	4/9/2008	4/9/2008	C, L
1,2,3-Trichloropropane	EPA 8260B	8D09009	10	ND	1	4/9/2008	4/9/2008	
1,2,4-Trimethylbenzene	EPA 8260B	8D09009	2.0	ND	1	4/9/2008	4/9/2008	
1,3,5-Trimethylbenzene	EPA 8260B	8D09009	2.0	ND	1	4/9/2008	4/9/2008	
Vinyl chloride	EPA 8260B	8D09009	5.0	ND	1	4/9/2008	4/9/2008	
o-Xylene	EPA 8260B	8D09009	2.0	ND	1	4/9/2008	4/9/2008	
m,p-Xylenes	EPA 8260B	8D09009	2.0	ND	1	4/9/2008	4/9/2008	
Dimethyl disulfide	EPA 8260B	8D09009	2.0	ND	1	4/9/2008	4/9/2008	
Surrogate: Dibromofluoromethane (80-120%)				*105 %*				
Surrogate: Toluene-d8 (80-120%)				*94 %*				
Surrogate: 4-Bromofluorobenzene (80-120%)				*88 %*				

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Project ID: Consent Wells (Henderson)
3200A Consent Order Wells
Report Number: IRD0393

Sampled: 04/03/08
Received: 04/04/08

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRD0393-05 (040308 EB - Water)				**Sampled: 04/03/08**				
Reporting Units: ug/l								
Benzene	EPA 8260B	8D09009	2.0	ND	1	4/9/2008	4/9/2008	
Bromobenzene	EPA 8260B	8D09009	5.0	ND	1	4/9/2008	4/9/2008	
Bromochloromethane	EPA 8260B	8D09009	5.0	ND	1	4/9/2008	4/9/2008	
Bromodichloromethane	EPA 8260B	8D09009	2.0	ND	1	4/9/2008	4/9/2008	
Bromoform	EPA 8260B	8D09009	5.0	ND	1	4/9/2008	4/9/2008	
Bromomethane	EPA 8260B	8D09009	5.0	ND	1	4/9/2008	4/9/2008	
n-Butylbenzene	EPA 8260B	8D09009	5.0	ND	1	4/9/2008	4/9/2008	
sec-Butylbenzene	EPA 8260B	8D09009	5.0	ND	1	4/9/2008	4/9/2008	
tert-Butylbenzene	EPA 8260B	8D09009	5.0	ND	1	4/9/2008	4/9/2008	
Carbon tetrachloride	EPA 8260B	8D09009	5.0	ND	1	4/9/2008	4/9/2008	
Chlorobenzene	EPA 8260B	8D09009	2.0	ND	1	4/9/2008	4/9/2008	
Chloroethane	EPA 8260B	8D09009	5.0	ND	1	4/9/2008	4/9/2008	
Chloroform	EPA 8260B	8D09009	2.0	ND	1	4/9/2008	4/9/2008	
Chloromethane	EPA 8260B	8D09009	5.0	ND	1	4/9/2008	4/9/2008	
2-Chlorotoluene	EPA 8260B	8D09009	5.0	ND	1	4/9/2008	4/9/2008	
4-Chlorotoluene	EPA 8260B	8D09009	5.0	ND	1	4/9/2008	4/9/2008	
Dibromochloromethane	EPA 8260B	8D09009	2.0	ND	1	4/9/2008	4/9/2008	
1,2-Dibromo-3-chloropropane	EPA 8260B	8D09009	5.0	ND	1	4/9/2008	4/9/2008	
1,2-Dibromoethane (EDB)	EPA 8260B	8D09009	2.0	ND	1	4/9/2008	4/9/2008	
Dibromomethane	EPA 8260B	8D09009	2.0	ND	1	4/9/2008	4/9/2008	
1,2-Dichlorobenzene	EPA 8260B	8D09009	2.0	ND	1	4/9/2008	4/9/2008	
1,3-Dichlorobenzene	EPA 8260B	8D09009	2.0	ND	1	4/9/2008	4/9/2008	
1,4-Dichlorobenzene	EPA 8260B	8D09009	2.0	ND	1	4/9/2008	4/9/2008	
Dichlorodifluoromethane	EPA 8260B	8D09009	5.0	ND	1	4/9/2008	4/9/2008	
1,1-Dichloroethane	EPA 8260B	8D09009	2.0	ND	1	4/9/2008	4/9/2008	
1,2-Dichloroethane	EPA 8260B	8D09009	2.0	ND	1	4/9/2008	4/9/2008	
1,1-Dichloroethene	EPA 8260B	8D09009	5.0	ND	1	4/9/2008	4/9/2008	
cis-1,2-Dichloroethene	EPA 8260B	8D09009	2.0	ND	1	4/9/2008	4/9/2008	
trans-1,2-Dichloroethene	EPA 8260B	8D09009	2.0	ND	1	4/9/2008	4/9/2008	
1,2-Dichloropropane	EPA 8260B	8D09009	2.0	ND	1	4/9/2008	4/9/2008	
1,3-Dichloropropane	EPA 8260B	8D09009	2.0	ND	1	4/9/2008	4/9/2008	
2,2-Dichloropropane	EPA 8260B	8D09009	2.0	ND	1	4/9/2008	4/9/2008	
1,1-Dichloropropene	EPA 8260B	8D09009	2.0	ND	1	4/9/2008	4/9/2008	
cis-1,3-Dichloropropene	EPA 8260B	8D09009	2.0	ND	1	4/9/2008	4/9/2008	
trans-1,3-Dichloropropene	EPA 8260B	8D09009	2.0	ND	1	4/9/2008	4/9/2008	
Ethylbenzene	EPA 8260B	8D09009	2.0	ND	1	4/9/2008	4/9/2008	
Hexachlorobutadiene	EPA 8260B	8D09009	5.0	ND	1	4/9/2008	4/9/2008	
Isopropylbenzene	EPA 8260B	8D09009	2.0	ND	1	4/9/2008	4/9/2008	
p-Isopropyltoluene	EPA 8260B	8D09009	2.0	ND	1	4/9/2008	4/9/2008	
Methylene chloride	EPA 8260B	8D09009	5.0	ND	1	4/9/2008	4/9/2008	
Naphthalene	EPA 8260B	8D09009	5.0	ND	1	4/9/2008	4/9/2008	

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Project ID: Consent Wells (Henderson)
3200A Consent Order Wells
Report Number: IRD0393

Sampled: 04/03/08
Received: 04/04/08

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRD0393-05 (040308 EB - Water) - cont.				**Sampled: 04/03/08**				
Reporting Units: ug/l								
n-Propylbenzene	EPA 8260B	8D09009	2.0	ND	1	4/9/2008	4/9/2008	
Styrene	EPA 8260B	8D09009	2.0	ND	1	4/9/2008	4/9/2008	
1,1,1,2-Tetrachloroethane	EPA 8260B	8D09009	5.0	ND	1	4/9/2008	4/9/2008	
1,1,2,2-Tetrachloroethane	EPA 8260B	8D09009	2.0	ND	1	4/9/2008	4/9/2008	
Tetrachloroethene	EPA 8260B	8D09009	2.0	ND	1	4/9/2008	4/9/2008	
Toluene	EPA 8260B	8D09009	2.0	ND	1	4/9/2008	4/9/2008	
1,2,3-Trichlorobenzene	EPA 8260B	8D09009	5.0	ND	1	4/9/2008	4/9/2008	
1,2,4-Trichlorobenzene	EPA 8260B	8D09009	5.0	ND	1	4/9/2008	4/9/2008	
1,1,1-Trichloroethane	EPA 8260B	8D09009	2.0	ND	1	4/9/2008	4/9/2008	
1,1,2-Trichloroethane	EPA 8260B	8D09009	2.0	ND	1	4/9/2008	4/9/2008	
Trichloroethene	EPA 8260B	8D09009	2.0	ND	1	4/9/2008	4/9/2008	
Trichlorofluoromethane	EPA 8260B	8D09009	5.0	ND	1	4/9/2008	4/9/2008	C, L
1,2,3-Trichloropropane	EPA 8260B	8D09009	10	ND	1	4/9/2008	4/9/2008	
1,2,4-Trimethylbenzene	EPA 8260B	8D09009	2.0	ND	1	4/9/2008	4/9/2008	
1,3,5-Trimethylbenzene	EPA 8260B	8D09009	2.0	ND	1	4/9/2008	4/9/2008	
Vinyl chloride	EPA 8260B	8D09009	5.0	ND	1	4/9/2008	4/9/2008	
o-Xylene	EPA 8260B	8D09009	2.0	ND	1	4/9/2008	4/9/2008	
m,p-Xylenes	EPA 8260B	8D09009	2.0	ND	1	4/9/2008	4/9/2008	
Dimethyl disulfide	EPA 8260B	8D09009	2.0	ND	1	4/9/2008	4/9/2008	
Surrogate: Dibromofluoromethane (80-120%)				*107 %*				
Surrogate: Toluene-d8 (80-120%)				*93 %*				
Surrogate: 4-Bromofluorobenzene (80-120%)				*87 %*				

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1322 Scott Street, Suite 101
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Attention: Ed Modiano

Project ID: Consent Wells (Henderson)
3200A Consent Order Wells
Report Number: IRD0393

Sampled: 04/03/08
Received: 04/04/08

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRD0393-06 (040308 TB - Water)				**Sampled: 04/03/08**				
Reporting Units: ug/l								
Benzene	EPA 8260B	8D09009	2.0	ND	1	4/9/2008	4/9/2008	
Bromobenzene	EPA 8260B	8D09009	5.0	ND	1	4/9/2008	4/9/2008	
Bromochloromethane	EPA 8260B	8D09009	5.0	ND	1	4/9/2008	4/9/2008	
Bromodichloromethane	EPA 8260B	8D09009	2.0	ND	1	4/9/2008	4/9/2008	
Bromoform	EPA 8260B	8D09009	5.0	ND	1	4/9/2008	4/9/2008	
Bromomethane	EPA 8260B	8D09009	5.0	ND	1	4/9/2008	4/9/2008	
n-Butylbenzene	EPA 8260B	8D09009	5.0	ND	1	4/9/2008	4/9/2008	
sec-Butylbenzene	EPA 8260B	8D09009	5.0	ND	1	4/9/2008	4/9/2008	
tert-Butylbenzene	EPA 8260B	8D09009	5.0	ND	1	4/9/2008	4/9/2008	
Carbon tetrachloride	EPA 8260B	8D09009	5.0	ND	1	4/9/2008	4/9/2008	
Chlorobenzene	EPA 8260B	8D09009	2.0	ND	1	4/9/2008	4/9/2008	
Chloroethane	EPA 8260B	8D09009	5.0	ND	1	4/9/2008	4/9/2008	
Chloroform	EPA 8260B	8D09009	2.0	ND	1	4/9/2008	4/9/2008	
Chloromethane	EPA 8260B	8D09009	5.0	ND	1	4/9/2008	4/9/2008	
2-Chlorotoluene	EPA 8260B	8D09009	5.0	ND	1	4/9/2008	4/9/2008	
4-Chlorotoluene	EPA 8260B	8D09009	5.0	ND	1	4/9/2008	4/9/2008	
Dibromochloromethane	EPA 8260B	8D09009	2.0	ND	1	4/9/2008	4/9/2008	
1,2-Dibromo-3-chloropropane	EPA 8260B	8D09009	5.0	ND	1	4/9/2008	4/9/2008	
1,2-Dibromoethane (EDB)	EPA 8260B	8D09009	2.0	ND	1	4/9/2008	4/9/2008	
Dibromomethane	EPA 8260B	8D09009	2.0	ND	1	4/9/2008	4/9/2008	
1,2-Dichlorobenzene	EPA 8260B	8D09009	2.0	ND	1	4/9/2008	4/9/2008	
1,3-Dichlorobenzene	EPA 8260B	8D09009	2.0	ND	1	4/9/2008	4/9/2008	
1,4-Dichlorobenzene	EPA 8260B	8D09009	2.0	ND	1	4/9/2008	4/9/2008	
Dichlorodifluoromethane	EPA 8260B	8D09009	5.0	ND	1	4/9/2008	4/9/2008	
1,1-Dichloroethane	EPA 8260B	8D09009	2.0	ND	1	4/9/2008	4/9/2008	
1,2-Dichloroethane	EPA 8260B	8D09009	2.0	ND	1	4/9/2008	4/9/2008	
1,1-Dichloroethene	EPA 8260B	8D09009	5.0	ND	1	4/9/2008	4/9/2008	
cis-1,2-Dichloroethene	EPA 8260B	8D09009	2.0	ND	1	4/9/2008	4/9/2008	
trans-1,2-Dichloroethene	EPA 8260B	8D09009	2.0	ND	1	4/9/2008	4/9/2008	
1,2-Dichloropropane	EPA 8260B	8D09009	2.0	ND	1	4/9/2008	4/9/2008	
1,3-Dichloropropane	EPA 8260B	8D09009	2.0	ND	1	4/9/2008	4/9/2008	
2,2-Dichloropropane	EPA 8260B	8D09009	2.0	ND	1	4/9/2008	4/9/2008	
1,1-Dichloropropene	EPA 8260B	8D09009	2.0	ND	1	4/9/2008	4/9/2008	
cis-1,3-Dichloropropene	EPA 8260B	8D09009	2.0	ND	1	4/9/2008	4/9/2008	
trans-1,3-Dichloropropene	EPA 8260B	8D09009	2.0	ND	1	4/9/2008	4/9/2008	
Ethylbenzene	EPA 8260B	8D09009	2.0	ND	1	4/9/2008	4/9/2008	
Hexachlorobutadiene	EPA 8260B	8D09009	5.0	ND	1	4/9/2008	4/9/2008	
Isopropylbenzene	EPA 8260B	8D09009	2.0	ND	1	4/9/2008	4/9/2008	
p-Isopropyltoluene	EPA 8260B	8D09009	2.0	ND	1	4/9/2008	4/9/2008	
Methylene chloride	EPA 8260B	8D09009	5.0	ND	1	4/9/2008	4/9/2008	
Naphthalene	EPA 8260B	8D09009	5.0	ND	1	4/9/2008	4/9/2008	

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Project ID: Consent Wells (Henderson)
3200A Consent Order Wells
Report Number: IRD0393

Sampled: 04/03/08
Received: 04/04/08

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRD0393-06 (040308 TB - Water) - cont.				**Sampled: 04/03/08**				
Reporting Units: ug/l								
n-Propylbenzene	EPA 8260B	8D09009	2.0	ND	1	4/9/2008	4/9/2008	
Styrene	EPA 8260B	8D09009	2.0	ND	1	4/9/2008	4/9/2008	
1,1,1,2-Tetrachloroethane	EPA 8260B	8D09009	5.0	ND	1	4/9/2008	4/9/2008	
1,1,2,2-Tetrachloroethane	EPA 8260B	8D09009	2.0	ND	1	4/9/2008	4/9/2008	
Tetrachloroethene	EPA 8260B	8D09009	2.0	ND	1	4/9/2008	4/9/2008	
Toluene	EPA 8260B	8D09009	2.0	ND	1	4/9/2008	4/9/2008	
1,2,3-Trichlorobenzene	EPA 8260B	8D09009	5.0	ND	1	4/9/2008	4/9/2008	
1,2,4-Trichlorobenzene	EPA 8260B	8D09009	5.0	ND	1	4/9/2008	4/9/2008	
1,1,1-Trichloroethane	EPA 8260B	8D09009	2.0	ND	1	4/9/2008	4/9/2008	
1,1,2-Trichloroethane	EPA 8260B	8D09009	2.0	ND	1	4/9/2008	4/9/2008	
Trichloroethene	EPA 8260B	8D09009	2.0	ND	1	4/9/2008	4/9/2008	
Trichlorofluoromethane	EPA 8260B	8D09009	5.0	ND	1	4/9/2008	4/9/2008	C, L
1,2,3-Trichloropropane	EPA 8260B	8D09009	10	ND	1	4/9/2008	4/9/2008	
1,2,4-Trimethylbenzene	EPA 8260B	8D09009	2.0	ND	1	4/9/2008	4/9/2008	
1,3,5-Trimethylbenzene	EPA 8260B	8D09009	2.0	ND	1	4/9/2008	4/9/2008	
Vinyl chloride	EPA 8260B	8D09009	5.0	ND	1	4/9/2008	4/9/2008	
o-Xylene	EPA 8260B	8D09009	2.0	ND	1	4/9/2008	4/9/2008	
m,p-Xylenes	EPA 8260B	8D09009	2.0	ND	1	4/9/2008	4/9/2008	
Dimethyl disulfide	EPA 8260B	8D09009	2.0	ND	1	4/9/2008	4/9/2008	
Surrogate: Dibromofluoromethane (80-120%)				*101 %*				
Surrogate: Toluene-d8 (80-120%)				*93 %*				
Surrogate: 4-Bromofluorobenzene (80-120%)				*88 %*				

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Project Manager

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3200A Consent Order Wells
Report Number: IRD0393

Sampled: 04/03/08
Received: 04/04/08

SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3520C/8270C)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRD0393-01 (H-49A - Water)				**Sampled: 04/03/08**				
Reporting Units: ug/l								
4-Chlorophenyl methyl sulfide	EPA 8270C	8D09074	9.5	ND	0.948	4/9/2008	4/11/2008	
Surrogate: 2,4,6-Tribromophenol (40-120%)				*88 %*				
Surrogate: 2-Fluorobiphenyl (50-120%)				*69 %*				
Surrogate: 2-Fluorophenol (30-120%)				*53 %*				
Surrogate: Nitrobenzene-d5 (45-120%)				*65 %*				
Surrogate: Phenol-d6 (35-120%)				*60 %*				
Surrogate: Terphenyl-d14 (50-125%)				*76 %*				
Sample ID: IRD0393-02 (H-49A(FD) - Water)				**Sampled: 04/03/08**				
Reporting Units: ug/l								
4-Chlorophenyl methyl sulfide	EPA 8270C	8D09074	9.5	ND	0.948	4/9/2008	4/11/2008	
Surrogate: 2,4,6-Tribromophenol (40-120%)				*87 %*				
Surrogate: 2-Fluorobiphenyl (50-120%)				*72 %*				
Surrogate: 2-Fluorophenol (30-120%)				*53 %*				
Surrogate: Nitrobenzene-d5 (45-120%)				*64 %*				
Surrogate: Phenol-d6 (35-120%)				*60 %*				
Surrogate: Terphenyl-d14 (50-125%)				*78 %*				
Sample ID: IRD0393-03 (H-56A - Water)				**Sampled: 04/03/08**				
Reporting Units: ug/l								
4-Chlorophenyl methyl sulfide	EPA 8270C	8D09074	9.5	ND	0.948	4/9/2008	4/11/2008	
Surrogate: 2,4,6-Tribromophenol (40-120%)				*60 %*				
Surrogate: 2-Fluorobiphenyl (50-120%)				*67 %*				
Surrogate: 2-Fluorophenol (30-120%)				*18 %*				*Z6*
Surrogate: Nitrobenzene-d5 (45-120%)				*63 %*				
Surrogate: Phenol-d6 (35-120%)				*23 %*				*Z6*
Surrogate: Terphenyl-d14 (50-125%)				*71 %*				

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3200A Consent Order Wells
Report Number: IRD0393

Sampled: 04/03/08
Received: 04/04/08

SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3520C/8270C)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRD0393-04 (H-58A - Water)				**Sampled: 04/03/08**				
Reporting Units: ug/l								
4-Chlorophenyl methyl sulfide	EPA 8270C	8D09074	9.5	ND	0.948	4/9/2008	4/11/2008	
Surrogate: 2,4,6-Tribromophenol (40-120%)				*99 %*				
Surrogate: 2-Fluorobiphenyl (50-120%)				*81 %*				
Surrogate: 2-Fluorophenol (30-120%)				*62 %*				
Surrogate: Nitrobenzene-d5 (45-120%)				*75 %*				
Surrogate: Phenol-d6 (35-120%)				*69 %*				
Surrogate: Terphenyl-d14 (50-125%)				*85 %*				

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Report Number: IRD0393

Sampled: 04/03/08
Received: 04/04/08

METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8D09009 Extracted: 04/09/08										
Blank Analyzed: 04/09/2008 (8D09009-BLK1)										
Benzene	ND	2.0	ug/l							
Bromobenzene	ND	5.0	ug/l							
Bromochloromethane	ND	5.0	ug/l							
Bromodichloromethane	ND	2.0	ug/l							
Bromoform	ND	5.0	ug/l							
Bromomethane	ND	5.0	ug/l							
n-Butylbenzene	ND	5.0	ug/l							
sec-Butylbenzene	ND	5.0	ug/l							
tert-Butylbenzene	ND	5.0	ug/l							
Carbon tetrachloride	ND	5.0	ug/l							
Chlorobenzene	ND	2.0	ug/l							
Chloroethane	ND	5.0	ug/l							
Chloroform	ND	2.0	ug/l							
Chloromethane	ND	5.0	ug/l							
2-Chlorotoluene	ND	5.0	ug/l							
4-Chlorotoluene	ND	5.0	ug/l							
Dibromochloromethane	ND	2.0	ug/l							
1,2-Dibromo-3-chloropropane	ND	5.0	ug/l							
1,2-Dibromoethane (EDB)	ND	2.0	ug/l							
Dibromomethane	ND	2.0	ug/l							
1,2-Dichlorobenzene	ND	2.0	ug/l							
1,3-Dichlorobenzene	ND	2.0	ug/l							
1,4-Dichlorobenzene	ND	2.0	ug/l							
Dichlorodifluoromethane	ND	5.0	ug/l							
1,1-Dichloroethane	ND	2.0	ug/l							
1,2-Dichloroethane	ND	2.0	ug/l							
1,1-Dichloroethene	ND	5.0	ug/l							
cis-1,2-Dichloroethene	ND	2.0	ug/l							
trans-1,2-Dichloroethene	ND	2.0	ug/l							
1,2-Dichloropropane	ND	2.0	ug/l							
1,3-Dichloropropane	ND	2.0	ug/l							
2,2-Dichloropropane	ND	2.0	ug/l							
1,1-Dichloropropene	ND	2.0	ug/l							
cis-1,3-Dichloropropene	ND	2.0	ug/l							
trans-1,3-Dichloropropene	ND	2.0	ug/l							
Ethylbenzene	ND	2.0	ug/l							

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3200A Consent Order Wells
Report Number: IRD0393

Sampled: 04/03/08
Received: 04/04/08

METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8D09009 Extracted: 04/09/08										
Blank Analyzed: 04/09/2008 (8D09009-BLK1)										
Hexachlorobutadiene	ND	5.0	ug/l							
Isopropylbenzene	ND	2.0	ug/l							
p-Isopropyltoluene	ND	2.0	ug/l							
Methylene chloride	ND	5.0	ug/l							
Naphthalene	ND	5.0	ug/l							
n-Propylbenzene	ND	2.0	ug/l							
Styrene	ND	2.0	ug/l							
1,1,1,2-Tetrachloroethane	ND	5.0	ug/l							
1,1,2,2-Tetrachloroethane	ND	2.0	ug/l							
Tetrachloroethene	ND	2.0	ug/l							
Toluene	ND	2.0	ug/l							
1,2,3-Trichlorobenzene	ND	5.0	ug/l							
1,2,4-Trichlorobenzene	ND	5.0	ug/l							
1,1,1-Trichloroethane	ND	2.0	ug/l							
1,1,2-Trichloroethane	ND	2.0	ug/l							
Trichloroethene	ND	2.0	ug/l							
Trichlorofluoromethane	ND	5.0	ug/l							
1,2,3-Trichloropropane	ND	10	ug/l							
1,2,4-Trimethylbenzene	ND	2.0	ug/l							
1,3,5-Trimethylbenzene	ND	2.0	ug/l							
Vinyl chloride	ND	5.0	ug/l							
o-Xylene	ND	2.0	ug/l							
m,p-Xylenes	ND	2.0	ug/l							
Dimethyl disulfide	ND	2.0	ug/l							
Surrogate: Dibromofluoromethane	*25.6*		*ug/l*	*25.0*		*102*	*80-120*			
Surrogate: Toluene-d8	*23.4*		*ug/l*	*25.0*		*94*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*21.8*		*ug/l*	*25.0*		*87*	*80-120*			

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3200A Consent Order Wells
Report Number: IRD0393

Sampled: 04/03/08
Received: 04/04/08

METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8D09009 Extracted: 04/09/08										
LCS Analyzed: 04/09/2008 (8D09009-BS1)										
Benzene	21.0	2.0	ug/l	25.0		84	70-120			
Bromobenzene	24.0	5.0	ug/l	25.0		96	75-120			
Bromochloromethane	27.3	5.0	ug/l	25.0		109	70-130			
Bromodichloromethane	27.4	2.0	ug/l	25.0		109	70-135			
Bromoform	24.0	5.0	ug/l	25.0		96	55-130			
Bromomethane	23.5	5.0	ug/l	25.0		94	65-140			
n-Butylbenzene	23.6	5.0	ug/l	25.0		94	70-130			
sec-Butylbenzene	24.4	5.0	ug/l	25.0		98	70-125			
tert-Butylbenzene	25.6	5.0	ug/l	25.0		102	70-125			
Carbon tetrachloride	30.2	5.0	ug/l	25.0		121	65-140			
Chlorobenzene	24.0	2.0	ug/l	25.0		96	75-120			
Chloroethane	21.0	5.0	ug/l	25.0		84	60-140			
Chloroform	26.3	2.0	ug/l	25.0		105	70-130			
Chloromethane	20.6	5.0	ug/l	25.0		82	50-140			
2-Chlorotoluene	23.6	5.0	ug/l	25.0		94	70-125			
4-Chlorotoluene	24.3	5.0	ug/l	25.0		97	75-125			
Dibromochloromethane	28.1	2.0	ug/l	25.0		112	70-140			
1,2-Dibromo-3-chloropropane	22.5	5.0	ug/l	25.0		90	50-135			
1,2-Dibromoethane (EDB)	23.8	2.0	ug/l	25.0		95	75-125			
Dibromomethane	24.1	2.0	ug/l	25.0		96	70-125			
1,2-Dichlorobenzene	25.6	2.0	ug/l	25.0		102	75-120			
1,3-Dichlorobenzene	25.6	2.0	ug/l	25.0		102	75-120			
1,4-Dichlorobenzene	23.6	2.0	ug/l	25.0		95	75-120			
Dichlorodifluoromethane	26.2	5.0	ug/l	25.0		105	35-155			
1,1-Dichloroethane	21.4	2.0	ug/l	25.0		86	70-125			
1,2-Dichloroethane	25.5	2.0	ug/l	25.0		102	60-140			
1,1-Dichloroethene	20.5	5.0	ug/l	25.0		82	70-125			
cis-1,2-Dichloroethene	24.3	2.0	ug/l	25.0		97	70-125			
trans-1,2-Dichloroethene	24.0	2.0	ug/l	25.0		96	70-125			
1,2-Dichloropropane	19.9	2.0	ug/l	25.0		80	70-125			
1,3-Dichloropropane	20.6	2.0	ug/l	25.0		82	70-120			
2,2-Dichloropropane	32.8	2.0	ug/l	25.0		131	65-140			
1,1-Dichloropropene	21.6	2.0	ug/l	25.0		87	75-130			
cis-1,3-Dichloropropene	19.8	2.0	ug/l	25.0		79	75-125			
trans-1,3-Dichloropropene	21.6	2.0	ug/l	25.0		87	70-125			
Ethylbenzene	23.9	2.0	ug/l	25.0		95	75-125			

TestAmerica Irvine

Aaron Harris For Amy Windham
Project Manager

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THE LEADER IN ENVIRONMENTAL TESTING
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de Maximis, Inc. - San Diego
1322 Scott Street, Suite 101
San Diego, CA 92106
Attention: Ed Modiano

Project ID: Consent Wells (Henderson)
3200A Consent Order Wells
Report Number: IRD0393

Sampled: 04/03/08
Received: 04/04/08

METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8D09009 Extracted: 04/09/08										
LCS Analyzed: 04/09/2008 (8D09009-BS1)										
Hexachlorobutadiene	22.9	5.0	ug/l	25.0		91	65-135			
Isopropylbenzene	28.0	2.0	ug/l	25.0		112	75-130			
p-Isopropyltoluene	25.8	2.0	ug/l	25.0		103	75-125			
Methylene chloride	21.2	5.0	ug/l	25.0		85	55-130			
Naphthalene	23.8	5.0	ug/l	25.0		95	55-135			
n-Propylbenzene	24.0	2.0	ug/l	25.0		96	75-130			
Styrene	23.8	2.0	ug/l	25.0		95	75-130			
1,1,1,2-Tetrachloroethane	28.4	5.0	ug/l	25.0		114	70-130			
1,1,2,2-Tetrachloroethane	21.2	2.0	ug/l	25.0		85	55-130			
Tetrachloroethene	22.8	2.0	ug/l	25.0		91	70-125			
Toluene	23.4	2.0	ug/l	25.0		94	70-120			
1,2,3-Trichlorobenzene	22.4	5.0	ug/l	25.0		89	65-125			
1,2,4-Trichlorobenzene	23.3	5.0	ug/l	25.0		93	70-135			
1,1,1-Trichloroethane	29.1	2.0	ug/l	25.0		116	65-135			
1,1,2-Trichloroethane	21.9	2.0	ug/l	25.0		88	70-125			
Trichloroethene	25.9	2.0	ug/l	25.0		103	70-125			
Trichlorofluoromethane	38.4	5.0	ug/l	25.0		154	65-145			*L*
1,2,3-Trichloropropane	20.8	10	ug/l	25.0		83	60-130			
1,2,4-Trimethylbenzene	25.0	2.0	ug/l	25.0		100	75-125			
1,3,5-Trimethylbenzene	25.2	2.0	ug/l	25.0		101	75-125			
Vinyl chloride	22.1	5.0	ug/l	25.0		88	55-135			
o-Xylene	22.8	2.0	ug/l	25.0		91	75-125			
m,p-Xylenes	46.7	2.0	ug/l	50.0		93	75-125			
Surrogate: Dibromofluoromethane	*26.5*		*ug/l*	*25.0*		*106*	*80-120*			
Surrogate: Toluene-d8	*23.3*		*ug/l*	*25.0*		*93*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*22.7*		*ug/l*	*25.0*		*91*	*80-120*			
Matrix Spike Analyzed: 04/09/2008 (8D09009-MS1)					**Source: IRD0393-03**					
Benzene	21.0	2.0	ug/l	25.0	ND	84	65-125			
Bromobenzene	23.6	5.0	ug/l	25.0	ND	94	70-125			
Bromochloromethane	27.1	5.0	ug/l	25.0	ND	108	65-135			
Bromodichloromethane	27.4	2.0	ug/l	25.0	ND	109	70-135			
Bromoform	24.4	5.0	ug/l	25.0	ND	98	55-135			
Bromomethane	21.8	5.0	ug/l	25.0	ND	87	55-145			
n-Butylbenzene	23.9	5.0	ug/l	25.0	ND	96	65-135			
sec-Butylbenzene	24.3	5.0	ug/l	25.0	ND	97	70-125			

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Aaron Harris For Amy Windham
Project Manager

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de Maximis, Inc. - San Diego
1322 Scott Street, Suite 101
San Diego, CA 92106
Attention: Ed Modiano

Project ID: Consent Wells (Henderson)
3200A Consent Order Wells
Report Number: IRD0393

Sampled: 04/03/08
Received: 04/04/08

METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8D09009 Extracted: 04/09/08										
Matrix Spike Analyzed: 04/09/2008 (8D09009-MS1)					**Source: IRD0393-03**					
tert-Butylbenzene	25.4	5.0	ug/l	25.0	ND	102	65-130			
Carbon tetrachloride	30.5	5.0	ug/l	25.0	ND	122	65-140			
Chlorobenzene	24.3	2.0	ug/l	25.0	ND	97	75-125			
Chloroethane	20.2	5.0	ug/l	25.0	ND	81	55-140			
Chloroform	27.3	2.0	ug/l	25.0	1.58	103	65-135			
Chloromethane	19.3	5.0	ug/l	25.0	ND	77	45-145			
2-Chlorotoluene	23.4	5.0	ug/l	25.0	ND	94	65-135			
4-Chlorotoluene	24.0	5.0	ug/l	25.0	ND	96	70-135			
Dibromochloromethane	28.0	2.0	ug/l	25.0	ND	112	65-140			
1,2-Dibromo-3-chloropropane	23.9	5.0	ug/l	25.0	ND	96	45-145			
1,2-Dibromoethane (EDB)	24.2	2.0	ug/l	25.0	ND	97	70-130			
Dibromomethane	23.7	2.0	ug/l	25.0	ND	95	65-135			
1,2-Dichlorobenzene	26.8	2.0	ug/l	25.0	1.09	103	75-125			
1,3-Dichlorobenzene	26.5	2.0	ug/l	25.0	0.850	103	75-125			
1,4-Dichlorobenzene	25.0	2.0	ug/l	25.0	1.44	94	75-125			
Dichlorodifluoromethane	24.5	5.0	ug/l	25.0	ND	98	25-155			
1,1-Dichloroethane	21.6	2.0	ug/l	25.0	0.460	85	65-130			
1,2-Dichloroethane	26.4	2.0	ug/l	25.0	0.570	104	60-140			
1,1-Dichloroethene	20.4	5.0	ug/l	25.0	ND	82	60-130			
cis-1,2-Dichloroethene	23.6	2.0	ug/l	25.0	ND	94	65-130			
trans-1,2-Dichloroethene	24.2	2.0	ug/l	25.0	ND	97	65-130			
1,2-Dichloropropane	19.8	2.0	ug/l	25.0	ND	79	65-130			
1,3-Dichloropropane	20.8	2.0	ug/l	25.0	ND	83	65-135			
2,2-Dichloropropane	33.2	2.0	ug/l	25.0	ND	133	60-145			
1,1-Dichloropropene	21.6	2.0	ug/l	25.0	ND	86	70-135			
cis-1,3-Dichloropropene	19.8	2.0	ug/l	25.0	ND	79	70-130			
trans-1,3-Dichloropropene	21.7	2.0	ug/l	25.0	ND	87	65-135			
Ethylbenzene	24.0	2.0	ug/l	25.0	ND	96	65-130			
Hexachlorobutadiene	23.4	5.0	ug/l	25.0	ND	94	60-135			
Isopropylbenzene	27.6	2.0	ug/l	25.0	ND	110	70-135			
p-Isopropyltoluene	25.8	2.0	ug/l	25.0	ND	103	65-130			
Methylene chloride	20.8	5.0	ug/l	25.0	ND	83	50-135			
Naphthalene	26.6	5.0	ug/l	25.0	ND	107	50-140			
n-Propylbenzene	23.7	2.0	ug/l	25.0	ND	95	70-135			
Styrene	0.720	2.0	ug/l	25.0	ND	3	50-145			*M2*
1,1,1,2-Tetrachloroethane	28.3	5.0	ug/l	25.0	ND	113	65-140			

TestAmerica Irvine

Aaron Harris For Amy Windham
Project Manager

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de Maximis, Inc. - San Diego
1322 Scott Street, Suite 101
San Diego, CA 92106
Attention: Ed Modiano

Project ID: Consent Wells (Henderson)
3200A Consent Order Wells
Report Number: IRD0393

Sampled: 04/03/08
Received: 04/04/08

METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8D09009 Extracted: 04/09/08										
Matrix Spike Analyzed: 04/09/2008 (8D09009-MS1)					**Source: IRD0393-03**					
1,1,2,2-Tetrachloroethane	21.5	2.0	ug/l	25.0	ND	86	55-135			
Tetrachloroethene	23.0	2.0	ug/l	25.0	ND	92	65-130			
Toluene	23.3	2.0	ug/l	25.0	ND	93	70-125			
1,2,3-Trichlorobenzene	28.4	5.0	ug/l	25.0	4.33	96	60-135			
1,2,4-Trichlorobenzene	33.5	5.0	ug/l	25.0	8.18	101	65-135			
1,1,1-Trichloroethane	29.5	2.0	ug/l	25.0	ND	118	65-140			
1,1,2-Trichloroethane	22.5	2.0	ug/l	25.0	ND	90	65-130			
Trichloroethene	26.0	2.0	ug/l	25.0	ND	104	65-125			
Trichlorofluoromethane	37.6	5.0	ug/l	25.0	ND	151	60-145			*M7*
1,2,3-Trichloropropane	21.3	10	ug/l	25.0	ND	85	55-135			
1,2,4-Trimethylbenzene	24.7	2.0	ug/l	25.0	ND	99	55-135			
1,3,5-Trimethylbenzene	22.0	2.0	ug/l	25.0	ND	88	70-130			
Vinyl chloride	21.3	5.0	ug/l	25.0	ND	85	45-140			
o-Xylene	22.8	2.0	ug/l	25.0	ND	91	65-125			
m,p-Xylenes	47.0	2.0	ug/l	50.0	ND	94	65-130			
Surrogate: Dibromofluoromethane	*26.0*		*ug/l*	*25.0*		*104*	*80-120*			
Surrogate: Toluene-d8	*23.6*		*ug/l*	*25.0*		*94*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*22.8*		*ug/l*	*25.0*		*91*	*80-120*			
Matrix Spike Dup Analyzed: 04/09/2008 (8D09009-MSD1)					**Source: IRD0393-03**					
Benzene	21.3	2.0	ug/l	25.0	ND	85	65-125	1	20	
Bromobenzene	24.3	5.0	ug/l	25.0	ND	97	70-125	3	20	
Bromochloromethane	27.0	5.0	ug/l	25.0	ND	108	65-135	0	25	
Bromodichloromethane	27.1	2.0	ug/l	25.0	ND	108	70-135	1	20	
Bromoform	24.2	5.0	ug/l	25.0	ND	97	55-135	1	25	
Bromomethane	23.2	5.0	ug/l	25.0	ND	93	55-145	6	25	
n-Butylbenzene	24.2	5.0	ug/l	25.0	ND	97	65-135	1	20	
sec-Butylbenzene	24.5	5.0	ug/l	25.0	ND	98	70-125	1	20	
tert-Butylbenzene	25.7	5.0	ug/l	25.0	ND	103	65-130	1	20	
Carbon tetrachloride	30.1	5.0	ug/l	25.0	ND	120	65-140	1	25	
Chlorobenzene	24.5	2.0	ug/l	25.0	ND	98	75-125	1	20	
Chloroethane	21.6	5.0	ug/l	25.0	ND	87	55-140	7	25	
Chloroform	27.0	2.0	ug/l	25.0	1.58	102	65-135	1	20	
Chloromethane	20.6	5.0	ug/l	25.0	ND	82	45-145	7	25	
2-Chlorotoluene	23.8	5.0	ug/l	25.0	ND	95	65-135	2	20	
4-Chlorotoluene	24.4	5.0	ug/l	25.0	ND	98	70-135	1	20	

TestAmerica Irvine

Aaron Harris For Amy Windham
Project Manager

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Attention: Ed Modiano

Project ID: Consent Wells (Henderson)
3200A Consent Order Wells
Report Number: IRD0393

Sampled: 04/03/08
Received: 04/04/08

METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8D09009 Extracted: 04/09/08										
Matrix Spike Dup Analyzed: 04/09/2008 (8D09009-MSD1)					**Source: IRD0393-03**					
Dibromochloromethane	28.1	2.0	ug/l	25.0	ND	112	65-140	0	25	
1,2-Dibromo-3-chloropropane	24.0	5.0	ug/l	25.0	ND	96	45-145	0	30	
1,2-Dibromoethane (EDB)	24.3	2.0	ug/l	25.0	ND	97	70-130	1	25	
Dibromomethane	24.1	2.0	ug/l	25.0	ND	96	65-135	2	25	
1,2-Dichlorobenzene	27.3	2.0	ug/l	25.0	1.09	105	75-125	2	20	
1,3-Dichlorobenzene	27.0	2.0	ug/l	25.0	0.850	105	75-125	2	20	
1,4-Dichlorobenzene	25.4	2.0	ug/l	25.0	1.44	96	75-125	2	20	
Dichlorodifluoromethane	24.2	5.0	ug/l	25.0	ND	97	25-155	1	30	
1,1-Dichloroethane	21.6	2.0	ug/l	25.0	0.460	85	65-130	0	20	
1,2-Dichloroethane	25.9	2.0	ug/l	25.0	0.570	101	60-140	2	20	
1,1-Dichloroethene	20.8	5.0	ug/l	25.0	ND	83	60-130	2	20	
cis-1,2-Dichloroethene	23.7	2.0	ug/l	25.0	ND	95	65-130	1	20	
trans-1,2-Dichloroethene	24.3	2.0	ug/l	25.0	ND	97	65-130	1	20	
1,2-Dichloropropane	20.3	2.0	ug/l	25.0	ND	81	65-130	2	20	
1,3-Dichloropropane	20.8	2.0	ug/l	25.0	ND	83	65-135	0	25	
2,2-Dichloropropane	31.2	2.0	ug/l	25.0	ND	125	60-145	6	25	
1,1-Dichloropropene	21.8	2.0	ug/l	25.0	ND	87	70-135	1	20	
cis-1,3-Dichloropropene	20.0	2.0	ug/l	25.0	ND	80	70-130	1	20	
trans-1,3-Dichloropropene	21.5	2.0	ug/l	25.0	ND	86	65-135	1	25	
Ethylbenzene	24.2	2.0	ug/l	25.0	ND	97	65-130	1	20	
Hexachlorobutadiene	23.0	5.0	ug/l	25.0	ND	92	60-135	2	20	
Isopropylbenzene	28.0	2.0	ug/l	25.0	ND	112	70-135	2	20	
p-Isopropyltoluene	26.0	2.0	ug/l	25.0	ND	104	65-130	1	20	
Methylene chloride	20.9	5.0	ug/l	25.0	ND	84	50-135	1	20	
Naphthalene	26.5	5.0	ug/l	25.0	ND	106	50-140	1	30	
n-Propylbenzene	24.2	2.0	ug/l	25.0	ND	97	70-135	2	20	
Styrene	0.720	2.0	ug/l	25.0	ND	3	50-145	0	30	*M2*
1,1,1,2-Tetrachloroethane	28.5	5.0	ug/l	25.0	ND	114	65-140	1	20	
1,1,2,2-Tetrachloroethane	21.9	2.0	ug/l	25.0	ND	88	55-135	2	30	
Tetrachloroethene	23.3	2.0	ug/l	25.0	ND	93	65-130	1	20	
Toluene	23.4	2.0	ug/l	25.0	ND	94	70-125	1	20	
1,2,3-Trichlorobenzene	28.2	5.0	ug/l	25.0	4.33	95	60-135	1	20	
1,2,4-Trichlorobenzene	33.1	5.0	ug/l	25.0	8.18	100	65-135	1	20	
1,1,1-Trichloroethane	28.2	2.0	ug/l	25.0	ND	113	65-140	4	20	
1,1,2-Trichloroethane	22.6	2.0	ug/l	25.0	ND	90	65-130	1	25	
Trichloroethene	26.2	2.0	ug/l	25.0	ND	105	65-125	1	20	

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Aaron Harris For Amy Windham
Project Manager

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de Maximis, Inc. - San Diego
1322 Scott Street, Suite 101
San Diego, CA 92106
Attention: Ed Modiano

Project ID: Consent Wells (Henderson)
3200A Consent Order Wells
Report Number: IRD0393

Sampled: 04/03/08
Received: 04/04/08

METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8D09009 Extracted: 04/09/08										
Matrix Spike Dup Analyzed: 04/09/2008 (8D09009-MSD1)					**Source: IRD0393-03**					
Trichlorofluoromethane	37.8	5.0	ug/l	25.0	ND	151	60-145	0	25	*M7*
1,2,3-Trichloropropane	21.5	10	ug/l	25.0	ND	86	55-135	1	30	
1,2,4-Trimethylbenzene	24.8	2.0	ug/l	25.0	ND	99	55-135	1	25	
1,3,5-Trimethylbenzene	22.0	2.0	ug/l	25.0	ND	88	70-130	0	20	
Vinyl chloride	22.0	5.0	ug/l	25.0	ND	88	45-140	3	30	
o-Xylene	22.6	2.0	ug/l	25.0	ND	91	65-125	1	20	
m,p-Xylenes	47.0	2.0	ug/l	50.0	ND	94	65-130	0	25	
Surrogate: Dibromofluoromethane	*25.9*		*ug/l*	*25.0*		*103*	*80-120*			
Surrogate: Toluene-d8	*23.5*		*ug/l*	*25.0*		*94*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*22.6*		*ug/l*	*25.0*		*90*	*80-120*			
Batch: 8D17023 Extracted: 04/17/08										
Blank Analyzed: 04/17/2008 (8D17023-BLK1)										
Chlorobenzene	ND	2.0	ug/l							
Surrogate: Dibromofluoromethane	*22.8*		*ug/l*	*25.0*		*91*	*80-120*			
Surrogate: Toluene-d8	*24.3*		*ug/l*	*25.0*		*97*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*23.8*		*ug/l*	*25.0*		*95*	*80-120*			
LCS Analyzed: 04/17/2008 (8D17023-BS1)										
Chlorobenzene	24.6	2.0	ug/l	25.0		99	75-120			
Surrogate: Dibromofluoromethane	*22.8*		*ug/l*	*25.0*		*91*	*80-120*			
Surrogate: Toluene-d8	*24.4*		*ug/l*	*25.0*		*97*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*24.2*		*ug/l*	*25.0*		*97*	*80-120*			
Matrix Spike Analyzed: 04/17/2008 (8D17023-MS1)					**Source: IRD1354-02**					
Chlorobenzene	26.6	2.0	ug/l	25.0	ND	106	75-125			
Surrogate: Dibromofluoromethane	*23.4*		*ug/l*	*25.0*		*94*	*80-120*			
Surrogate: Toluene-d8	*23.8*		*ug/l*	*25.0*		*95*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*24.4*		*ug/l*	*25.0*		*98*	*80-120*			

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Aaron Harris For Amy Windham
Project Manager

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17461 Derian Avenue. Suite 100, Irvine, CA 92614 (949) 261-1022 Fax:(949) 260-3297

de Maximis, Inc. - San Diego 1322 Scott Street, Suite 101 San Diego, CA 92106 Attention: Ed Modiano	Project ID:	Consent Wells (Henderson) 3200A Consent Order Wells	Sampled: 04/03/08
	Report Number:	IRD0393	Received: 04/04/08

METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8D17023 Extracted: 04/17/08										
Matrix Spike Dup Analyzed: 04/17/2008 (8D17023-MSD1)					**Source: IRD1354-02**					
Chlorobenzene	29.0	2.0	ug/l	25.0	ND	116	75-125	9	20	
Surrogate: Dibromofluoromethane	*23.0*		*ug/l*	*25.0*		*92*	*80-120*			
Surrogate: Toluene-d8	*24.4*		*ug/l*	*25.0*		*98*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*24.3*		*ug/l*	*25.0*		*97*	*80-120*			

TestAmerica Irvine

Aaron Harris For Amy Windham
Project Manager

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TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

17461 Derian Avenue. Suite 100, Irvine, CA 92614 (949) 261-1022 Fax:(949) 260-3297

de Maximis, Inc. - San Diego 1322 Scott Street, Suite 101 San Diego, CA 92106 Attention: Ed Modiano	Project ID:	Consent Wells (Henderson) 3200A Consent Order Wells	Sampled: 04/03/08
	Report Number:	IRD0393	Received: 04/04/08

METHOD BLANK/QC DATA

SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3520C/8270C)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8D09074 Extracted: 04/09/08										
Blank Analyzed: 04/11/2008 (8D09074-BLK1)										
4-Chlorophenyl methyl sulfide	ND	10	ug/l							
Surrogate: 2,4,6-Tribromophenol	*198*		*ug/l*	*200*		*99*	*40-120*			
Surrogate: 2-Fluorobiphenyl	*79.2*		*ug/l*	*100*		*79*	*50-120*			
Surrogate: 2-Fluorophenol	*123*		*ug/l*	*200*		*61*	*30-120*			
Surrogate: Nitrobenzene-d5	*72.6*		*ug/l*	*100*		*73*	*45-120*			
Surrogate: Phenol-d6	*139*		*ug/l*	*200*		*70*	*35-120*			
Surrogate: Terphenyl-d14	*81.0*		*ug/l*	*100*		*81*	*50-125*			

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Aaron Harris For Amy Windham
Project Manager

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de Maximis, Inc. - San Diego 1322 Scott Street, Suite 101 San Diego, CA 92106 Attention: Ed Modiano	Project ID: Consent Wells (Henderson) 3200A Consent Order Wells Report Number: IRD0393	Sampled: 04/03/08 Received: 04/04/08

DATA QUALIFIERS AND DEFINITIONS

A-01	Sample was run within holdtime.
C	Calibration Verification recovery was above the method control limit for this analyte. Analyte not detected, data not impacted.
L	Laboratory Control Sample and/or Laboratory Control Sample Duplicate recovery was above the acceptance limits. Analyte not detected, data not impacted.
M2	The MS and/or MSD were below the acceptance limits due to sample matrix interference. See Blank Spike (LCS).
M7	The MS and/or MSD were above the acceptance limits. See Blank Spike (LCS).
Z6	Surrogate recovery was below acceptance limits.
ND	Analyte NOT DETECTED at or above the reporting limit or MDL, if MDL is specified.
RPD	Relative Percent Difference

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Project Manager

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de Maximis, Inc. - San Diego 1322 Scott Street, Suite 101 San Diego, CA 92106 Attention: Ed Modiano	Project ID: Consent Wells (Henderson) 3200A Consent Order Wells Report Number: IRD0393	Sampled: 04/03/08 Received: 04/04/08

Certification Summary

TestAmerica Irvine

Method	Matrix	Nelac	Nevada
EPA 8260B	Water	X	X
EPA 8270C	Water	X	X

Nevada and NELAP provide analyte specific accreditations. Analyte specific information for TestAmerica may be obtained by contacting the laboratory or visiting our website at www.testamericainc.com

TestAmerica Irvine

Aaron Harris For Amy Windham
Project Manager

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9830 South 51st St., Suite B-120, Phoenix, AZ 85044 (480) 785-0043 FAX (480) 785-0851
2520 E. Sunset Rd. #3, Las Vegas, Nv 89120 (702) 798-3620 FAX (702) 798-3621

CHAIN OF CUSTODY FORM

JRD0393

TAL 4013(1007)

Page 1 of 1

Client Name/Address: De Maximis Inc.

Project/PO Number: 3200A Consent Order Wells

Project Manager: Ed Modiano

Phone Number: (619) 546-8377

Sampler: Carlos Cobos

Fax Number: (619) 546-9980

Analysis Required: 8260B, 8270

Sample Description	Sample Matrix	Container Type	# of Cont.	Sampling Date	Sampling Time	Preservatives	8260B	8270								Special Instructions
H-49A	AQ	VOA / Liter	5	4-3-08	0920	HCL									6	Irvine
H-49A (FD)					0920											
H-56A					1055											
H-56A (MS/MSD)					1055											
H-58A					1215											
040308 EB		VOA	2		1240											Equipment Blank
040308 TB					0800											Trip Blank

0.0 4/4/08 12:10

Relinquished By:	Date/Time:	Received By:	Date/Time:
[signature]	4-3-08 1510	[signature]	4/3/08 15:10
[signature]	4/3/08 via Fed Ex		
		Received in Lab By: Olga Ornelas	4/4/08 10:50

Turnaround Time: (Check)
same day ____ 72 hours ____
24 hours ____ 5 days ____
48 hours ____ normal ____

Sample Integrity: (Check)
intact ✓ on ice ✓

Note: By relinquishing samples to TestAmerica, client agrees to pay for the services requested on this chain of custody form and any additional analyses performed on this project. Payment for services is due within 30 days from the date of invoice. Sample(s) will be disposed of after 30 days.

#134

5.1/3.1°C CS.

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THE LEADER IN ENVIRONMENTAL TESTING

17461 Derian Avenue. Suite 100, Irvine, CA 92614 (949) 261-1022 Fax:(949) 260-3297

LABORATORY REPORT

Prepared For: de Maximis, Inc. - San Diego
1322 Scott Street, Suite 101
San Diego, CA 92106
Attention: Ed Modiano

Project: Transect Wells (Henderson)
TASK 0004 08-43100-01

Sampled: 04/09/08
Received: 04/11/08
Issued: 04/24/08 15:05

NELAP #01108CA Nevada #CA-72

The results listed within this Laboratory Report pertain only to the samples tested in the laboratory. The analyses contained in this report were performed in accordance with the applicable certifications as noted. All soil samples are reported on a wet weight basis unless otherwise noted in the report. This Laboratory Report is confidential and is intended for the sole use of TestAmerica and its client. This report shall not be reproduced, except in full, without written permission from TestAmerica. The Chain of Custody, 1 page, is included and is an integral part of this report.
This entire report was reviewed and approved for release.

SAMPLE CROSS REFERENCE

LABORATORY ID	CLIENT ID	MATRIX
IRD1081-01	Trip Blank	Water
IRD1081-02	MC-47	Water
IRD1081-03	MC-47 (FD)	Water
IRD1081-04	MC-48	Water
IRD1081-05	MC-49	Water
IRD1081-06	MC-46	Water
IRD1081-07	MC-50	Water
IRD1081-08	MC-51	Water
IRD1081-09	MC-53	Water
IRD1081-10	Equipment Blank	Water

Reviewed By:

TestAmerica Irvine

Amy Windham
Project Manager

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THE LEADER IN ENVIRONMENTAL TESTING
17461 Derian Avenue. Suite 100, Irvine, CA 92614 (949) 261-1022 Fax:(949) 260-3297

de Maximis, Inc. - San Diego
1322 Scott Street, Suite 101
San Diego, CA 92106
Attention: Ed Modiano

Project ID: Transect Wells (Henderson)
TASK 0004 08-43100-01
Report Number: IRD1081

Sampled: 04/09/08
Received: 04/11/08

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRD1081-01 (Trip Blank - Water)				**Sampled: 04/09/08**				
Reporting Units: ug/l								
1,1,1,2-Tetrachloroethane	EPA 8260B	8D13003	5.0	ND	1	4/13/2008	4/13/2008	
1,1,1-Trichloroethane	EPA 8260B	8D13003	2.0	ND	1	4/13/2008	4/13/2008	
1,1,2,2-Tetrachloroethane	EPA 8260B	8D13003	2.0	ND	1	4/13/2008	4/13/2008	
1,1,2-Trichloroethane	EPA 8260B	8D13003	2.0	ND	1	4/13/2008	4/13/2008	
1,1-Dichloroethane	EPA 8260B	8D13003	2.0	ND	1	4/13/2008	4/13/2008	
1,1-Dichloroethene	EPA 8260B	8D13003	5.0	ND	1	4/13/2008	4/13/2008	
1,1-Dichloropropene	EPA 8260B	8D13003	2.0	ND	1	4/13/2008	4/13/2008	
1,2,3-Trichlorobenzene	EPA 8260B	8D13003	5.0	ND	1	4/13/2008	4/13/2008	
1,2,3-Trichloropropane	EPA 8260B	8D13003	10	ND	1	4/13/2008	4/13/2008	
1,2,4-Trichlorobenzene	EPA 8260B	8D13003	5.0	ND	1	4/13/2008	4/13/2008	
1,2,4-Trimethylbenzene	EPA 8260B	8D13003	2.0	ND	1	4/13/2008	4/13/2008	
1,2-Dichlorobenzene	EPA 8260B	8D13003	2.0	ND	1	4/13/2008	4/13/2008	
1,2-Dichloroethane	EPA 8260B	8D13003	2.0	ND	1	4/13/2008	4/13/2008	
1,2-Dichloropropane	EPA 8260B	8D13003	2.0	ND	1	4/13/2008	4/13/2008	
1,3,5-Trichlorobenzene	EPA 8260B	8D13003	2.0	ND	1	4/13/2008	4/13/2008	
1,3,5-Trimethylbenzene	EPA 8260B	8D13003	2.0	ND	1	4/13/2008	4/13/2008	
1,3-Dichlorobenzene	EPA 8260B	8D13003	2.0	ND	1	4/13/2008	4/13/2008	
1,3-Dichloropropane	EPA 8260B	8D13003	5.0	ND	1	4/13/2008	4/13/2008	
1,4-Dichlorobenzene	EPA 8260B	8D13003	2.0	ND	1	4/13/2008	4/13/2008	
2,2,3-Trimethylbutane	EPA 8260B	8D13003	2.0	ND	1	4/13/2008	4/13/2008	
2,2-Dichloropropane	EPA 8260B	8D13003	2.0	ND	1	4/13/2008	4/13/2008	
2,2-Dimethylpentane	EPA 8260B	8D13003	2.0	ND	1	4/13/2008	4/13/2008	
2,3-Dimethylpentane	EPA 8260B	8D13003	2.0	ND	1	4/13/2008	4/13/2008	
2,4-Dimethylpentane	EPA 8260B	8D13003	2.0	ND	1	4/13/2008	4/13/2008	
2-Butanone (MEK)	EPA 8260B	8D13003	10	ND	1	4/13/2008	4/13/2008	
2-Chlorotoluene	EPA 8260B	8D13003	5.0	ND	1	4/13/2008	4/13/2008	
2-Hexanone	EPA 8260B	8D13003	10	ND	1	4/13/2008	4/13/2008	
2-Methylhexane	EPA 8260B	8D13003	2.0	ND	1	4/13/2008	4/13/2008	
3,3-Dimethylpentane	EPA 8260B	8D13003	2.0	ND	1	4/13/2008	4/13/2008	
3-Ethylpentane	EPA 8260B	8D13003	2.0	ND	1	4/13/2008	4/13/2008	
3-Methylhexane	EPA 8260B	8D13003	2.0	ND	1	4/13/2008	4/13/2008	
4-Chlorotoluene	EPA 8260B	8D13003	5.0	ND	1	4/13/2008	4/13/2008	
4-Methyl-2-pentanone (MIBK)	EPA 8260B	8D13003	10	ND	1	4/13/2008	4/13/2008	
Acetone	EPA 8260B	8D13003	10	ND	1	4/13/2008	4/13/2008	
Benzene	EPA 8260B	8D13003	2.0	ND	1	4/13/2008	4/13/2008	
Bromobenzene	EPA 8260B	8D13003	5.0	ND	1	4/13/2008	4/13/2008	
Bromochloromethane	EPA 8260B	8D13003	5.0	ND	1	4/13/2008	4/13/2008	
Bromodichloromethane	EPA 8260B	8D13003	2.0	ND	1	4/13/2008	4/13/2008	
Bromoform	EPA 8260B	8D13003	5.0	ND	1	4/13/2008	4/13/2008	
Bromomethane	EPA 8260B	8D13003	5.0	ND	1	4/13/2008	4/13/2008	
Carbon Disulfide	EPA 8260B	8D13003	5.0	ND	1	4/13/2008	4/13/2008	

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Project Manager

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de Maximis, Inc. - San Diego
1322 Scott Street, Suite 101
San Diego, CA 92106
Attention: Ed Modiano

Project ID: Transect Wells (Henderson)
TASK 0004 08-43100-01
Report Number: IRD1081

Sampled: 04/09/08
Received: 04/11/08

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRD1081-01 (Trip Blank - Water) - cont.				**Sampled: 04/09/08**				
Reporting Units: ug/l								
Carbon tetrachloride	EPA 8260B	8D13003	5.0	ND	1	4/13/2008	4/13/2008	
Chlorobenzene	EPA 8260B	8D13003	2.0	ND	1	4/13/2008	4/13/2008	
Chloroethane	EPA 8260B	8D13003	5.0	ND	1	4/13/2008	4/13/2008	
Chloroform	EPA 8260B	8D13003	2.0	ND	1	4/13/2008	4/13/2008	
Chloromethane	EPA 8260B	8D13003	5.0	ND	1	4/13/2008	4/13/2008	
cis-1,2-Dichloroethene	EPA 8260B	8D13003	2.0	ND	1	4/13/2008	4/13/2008	
cis-1,3-Dichloropropene	EPA 8260B	8D13003	2.0	ND	1	4/13/2008	4/13/2008	
Dibromochloromethane	EPA 8260B	8D13003	2.0	ND	1	4/13/2008	4/13/2008	
Dibromomethane	EPA 8260B	8D13003	2.0	ND	1	4/13/2008	4/13/2008	
Dichlorodifluoromethane	EPA 8260B	8D13003	5.0	ND	1	4/13/2008	4/13/2008	
Dimethyl disulfide	EPA 8260B	8D13003	2.0	ND	1	4/13/2008	4/13/2008	
Ethylbenzene	EPA 8260B	8D13003	2.0	ND	1	4/13/2008	4/13/2008	
Hexachlorobutadiene	EPA 8260B	8D13003	5.0	ND	1	4/13/2008	4/13/2008	
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	8D13003	5.0	ND	1	4/13/2008	4/13/2008	
Isopropylbenzene	EPA 8260B	8D13003	2.0	ND	1	4/13/2008	4/13/2008	
m,p-Xylenes	EPA 8260B	8D13003	2.0	ND	1	4/13/2008	4/13/2008	
Methylene chloride	EPA 8260B	8D13003	5.0	ND	1	4/13/2008	4/13/2008	
Naphthalene	EPA 8260B	8D13003	5.0	ND	1	4/13/2008	4/13/2008	
n-Butylbenzene	EPA 8260B	8D13003	2.0	ND	1	4/13/2008	4/13/2008	
n-Heptane	EPA 8260B	8D13003	5.0	ND	1	4/13/2008	4/13/2008	
Nonanal	EPA 8260B	8D13003	5.0	ND	1	4/13/2008	4/13/2008	
n-Propylbenzene	EPA 8260B	8D13003	2.0	ND	1	4/13/2008	4/13/2008	
o-Xylene	EPA 8260B	8D13003	2.0	ND	1	4/13/2008	4/13/2008	
p-Isopropyltoluene	EPA 8260B	8D13003	2.0	ND	1	4/13/2008	4/13/2008	
sec-Butylbenzene	EPA 8260B	8D13003	5.0	ND	1	4/13/2008	4/13/2008	
Styrene	EPA 8260B	8D13003	2.0	ND	1	4/13/2008	4/13/2008	
tert-Butylbenzene	EPA 8260B	8D13003	5.0	ND	1	4/13/2008	4/13/2008	
Tetrachloroethene	EPA 8260B	8D13003	2.0	ND	1	4/13/2008	4/13/2008	
Toluene	EPA 8260B	8D13003	2.0	ND	1	4/13/2008	4/13/2008	
trans-1,2-Dichloroethene	EPA 8260B	8D13003	2.0	ND	1	4/13/2008	4/13/2008	
trans-1,3-Dichloropropene	EPA 8260B	8D13003	2.0	ND	1	4/13/2008	4/13/2008	
Trichloroethene	EPA 8260B	8D13003	2.0	ND	1	4/13/2008	4/13/2008	
Trichlorofluoromethane	EPA 8260B	8D13003	5.0	ND	1	4/13/2008	4/13/2008	L
Vinyl chloride	EPA 8260B	8D13003	2.0	ND	1	4/13/2008	4/13/2008	
Surrogate: 4-Bromofluorobenzene (80-120%)				*91 %*				
Surrogate: Dibromofluoromethane (80-120%)				*101 %*				
Surrogate: Toluene-d8 (80-120%)				*94 %*				

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Project Manager

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de Maximis, Inc. - San Diego
1322 Scott Street, Suite 101
San Diego, CA 92106
Attention: Ed Modiano

Project ID: Transect Wells (Henderson)
TASK 0004 08-43100-01
Report Number: IRD1081

Sampled: 04/09/08
Received: 04/11/08

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRD1081-02 (MC-47 - Water)				**Sampled: 04/09/08**				
Reporting Units: ug/l								
1,1,1,2-Tetrachloroethane	EPA 8260B	8D14005	5.0	ND	1	4/14/2008	4/14/2008	
1,1,1-Trichloroethane	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
1,1,2,2-Tetrachloroethane	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
1,1,2-Trichloroethane	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
1,1-Dichloroethane	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
1,1-Dichloroethene	EPA 8260B	8D14005	5.0	ND	1	4/14/2008	4/14/2008	
1,1-Dichloropropene	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
1,2,3-Trichlorobenzene	EPA 8260B	8D14005	5.0	ND	1	4/14/2008	4/14/2008	
1,2,3-Trichloropropane	EPA 8260B	8D14005	10	ND	1	4/14/2008	4/14/2008	
1,2,4-Trichlorobenzene	EPA 8260B	8D14005	5.0	ND	1	4/14/2008	4/14/2008	
1,2,4-Trimethylbenzene	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
1,2-Dichlorobenzene	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
1,2-Dichloroethane	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
1,2-Dichloropropane	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
1,3,5-Trichlorobenzene	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
1,3,5-Trimethylbenzene	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
1,3-Dichlorobenzene	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
1,3-Dichloropropane	EPA 8260B	8D14005	5.0	ND	1	4/14/2008	4/14/2008	
1,4-Dichlorobenzene	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
2,2,3-Trimethylbutane	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
2,2-Dichloropropane	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
2,2-Dimethylpentane	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
2,3-Dimethylpentane	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
2,4-Dimethylpentane	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
2-Butanone (MEK)	EPA 8260B	8D14005	10	ND	1	4/14/2008	4/14/2008	
2-Chlorotoluene	EPA 8260B	8D14005	5.0	ND	1	4/14/2008	4/14/2008	
2-Hexanone	EPA 8260B	8D14005	10	ND	1	4/14/2008	4/14/2008	
2-Methylhexane	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
3,3-Dimethylpentane	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
3-Ethylpentane	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
3-Methylhexane	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
4-Chlorotoluene	EPA 8260B	8D14005	5.0	ND	1	4/14/2008	4/14/2008	
4-Methyl-2-pentanone (MIBK)	EPA 8260B	8D14005	10	ND	1	4/14/2008	4/14/2008	
Acetone	EPA 8260B	8D14005	10	ND	1	4/14/2008	4/14/2008	
Benzene	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
Bromobenzene	EPA 8260B	8D14005	5.0	ND	1	4/14/2008	4/14/2008	
Bromochloromethane	EPA 8260B	8D14005	5.0	ND	1	4/14/2008	4/14/2008	
Bromodichloromethane	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
Bromoform	EPA 8260B	8D14005	5.0	ND	1	4/14/2008	4/14/2008	
Bromomethane	EPA 8260B	8D14005	5.0	ND	1	4/14/2008	4/14/2008	
Carbon Disulfide	EPA 8260B	8D14005	5.0	ND	1	4/14/2008	4/14/2008	

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Project Manager

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THE LEADER IN ENVIRONMENTAL TESTING

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de Maximis, Inc. - San Diego
1322 Scott Street, Suite 101
San Diego, CA 92106
Attention: Ed Modiano

Project ID: Transect Wells (Henderson)
TASK 0004 08-43100-01
Report Number: IRD1081

Sampled: 04/09/08
Received: 04/11/08

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRD1081-02 (MC-47 - Water) - cont.				**Sampled: 04/09/08**				
Reporting Units: ug/l								
Carbon tetrachloride	EPA 8260B	8D14005	5.0	ND	1	4/14/2008	4/14/2008	
Chlorobenzene	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
Chloroethane	EPA 8260B	8D14005	5.0	ND	1	4/14/2008	4/14/2008	
Chloroform	EPA 8260B	8D14005	2.0	**7.5**	1	4/14/2008	4/14/2008	
Chloromethane	EPA 8260B	8D14005	5.0	ND	1	4/14/2008	4/14/2008	
cis-1,2-Dichloroethene	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
cis-1,3-Dichloropropene	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
Dibromochloromethane	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
Dibromomethane	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
Dichlorodifluoromethane	EPA 8260B	8D14005	5.0	ND	1	4/14/2008	4/14/2008	
Dimethyl disulfide	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
Ethylbenzene	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
Hexachlorobutadiene	EPA 8260B	8D14005	5.0	ND	1	4/14/2008	4/14/2008	
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	8D14005	5.0	ND	1	4/14/2008	4/14/2008	
Isopropylbenzene	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
m,p-Xylenes	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
Methylene chloride	EPA 8260B	8D14005	5.0	ND	1	4/14/2008	4/14/2008	
Naphthalene	EPA 8260B	8D14005	5.0	ND	1	4/14/2008	4/14/2008	
n-Butylbenzene	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
n-Heptane	EPA 8260B	8D14005	5.0	ND	1	4/14/2008	4/14/2008	
Nonanal	EPA 8260B	8D14005	5.0	ND	1	4/14/2008	4/14/2008	
n-Propylbenzene	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
o-Xylene	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
p-Isopropyltoluene	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
sec-Butylbenzene	EPA 8260B	8D14005	5.0	ND	1	4/14/2008	4/14/2008	
Styrene	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
tert-Butylbenzene	EPA 8260B	8D14005	5.0	ND	1	4/14/2008	4/14/2008	
Tetrachloroethene	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
Toluene	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
trans-1,2-Dichloroethene	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
trans-1,3-Dichloropropene	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
Trichloroethene	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
Trichlorofluoromethane	EPA 8260B	8D14005	5.0	ND	1	4/14/2008	4/14/2008	
Vinyl chloride	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
Surrogate: 4-Bromofluorobenzene (80-120%)				*97 %*				
Surrogate: Dibromofluoromethane (80-120%)				*102 %*				
Surrogate: Toluene-d8 (80-120%)				*96 %*				

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1322 Scott Street, Suite 101
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Attention: Ed Modiano

Project ID: Transect Wells (Henderson)
TASK 0004 08-43100-01
Report Number: IRD1081

Sampled: 04/09/08
Received: 04/11/08

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRD1081-03 (MC-47 (FD) - Water)				**Sampled: 04/09/08**				
Reporting Units: ug/l								
1,1,1,2-Tetrachloroethane	EPA 8260B	8D14005	5.0	ND	1	4/14/2008	4/14/2008	
1,1,1-Trichloroethane	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
1,1,2,2-Tetrachloroethane	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
1,1,2-Trichloroethane	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
1,1-Dichloroethane	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
1,1-Dichloroethene	EPA 8260B	8D14005	5.0	ND	1	4/14/2008	4/14/2008	
1,1-Dichloropropene	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
1,2,3-Trichlorobenzene	EPA 8260B	8D14005	5.0	ND	1	4/14/2008	4/14/2008	
1,2,3-Trichloropropane	EPA 8260B	8D14005	10	ND	1	4/14/2008	4/14/2008	
1,2,4-Trichlorobenzene	EPA 8260B	8D14005	5.0	ND	1	4/14/2008	4/14/2008	
1,2,4-Trimethylbenzene	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
1,2-Dichlorobenzene	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
1,2-Dichloroethane	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
1,2-Dichloropropane	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
1,3,5-Trichlorobenzene	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
1,3,5-Trimethylbenzene	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
1,3-Dichlorobenzene	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
1,3-Dichloropropane	EPA 8260B	8D14005	5.0	ND	1	4/14/2008	4/14/2008	
1,4-Dichlorobenzene	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
2,2,3-Trimethylbutane	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
2,2-Dichloropropane	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
2,2-Dimethylpentane	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
2,3-Dimethylpentane	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
2,4-Dimethylpentane	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
2-Butanone (MEK)	EPA 8260B	8D14005	10	ND	1	4/14/2008	4/14/2008	
2-Chlorotoluene	EPA 8260B	8D14005	5.0	ND	1	4/14/2008	4/14/2008	
2-Hexanone	EPA 8260B	8D14005	10	ND	1	4/14/2008	4/14/2008	
2-Methylhexane	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
3,3-Dimethylpentane	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
3-Ethylpentane	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
3-Methylhexane	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
4-Chlorotoluene	EPA 8260B	8D14005	5.0	ND	1	4/14/2008	4/14/2008	
4-Methyl-2-pentanone (MIBK)	EPA 8260B	8D14005	10	ND	1	4/14/2008	4/14/2008	
Acetone	EPA 8260B	8D14005	10	ND	1	4/14/2008	4/14/2008	
Benzene	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
Bromobenzene	EPA 8260B	8D14005	5.0	ND	1	4/14/2008	4/14/2008	
Bromochloromethane	EPA 8260B	8D14005	5.0	ND	1	4/14/2008	4/14/2008	
Bromodichloromethane	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
Bromoform	EPA 8260B	8D14005	5.0	ND	1	4/14/2008	4/14/2008	
Bromomethane	EPA 8260B	8D14005	5.0	ND	1	4/14/2008	4/14/2008	
Carbon Disulfide	EPA 8260B	8D14005	5.0	ND	1	4/14/2008	4/14/2008	

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Attention: Ed Modiano

Project ID: Transect Wells (Henderson)
TASK 0004 08-43100-01
Report Number: IRD1081

Sampled: 04/09/08
Received: 04/11/08

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRD1081-03 (MC-47 (FD) - Water) - cont.				**Sampled: 04/09/08**				
Reporting Units: ug/l								
Carbon tetrachloride	EPA 8260B	8D14005	5.0	ND	1	4/14/2008	4/14/2008	
Chlorobenzene	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
Chloroethane	EPA 8260B	8D14005	5.0	ND	1	4/14/2008	4/14/2008	
Chloroform	EPA 8260B	8D14005	2.0	**8.1**	1	4/14/2008	4/14/2008	
Chloromethane	EPA 8260B	8D14005	5.0	ND	1	4/14/2008	4/14/2008	
cis-1,2-Dichloroethene	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
cis-1,3-Dichloropropene	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
Dibromochloromethane	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
Dibromomethane	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
Dichlorodifluoromethane	EPA 8260B	8D14005	5.0	ND	1	4/14/2008	4/14/2008	
Dimethyl disulfide	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
Ethylbenzene	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
Hexachlorobutadiene	EPA 8260B	8D14005	5.0	ND	1	4/14/2008	4/14/2008	
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	8D14005	5.0	ND	1	4/14/2008	4/14/2008	
Isopropylbenzene	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
m,p-Xylenes	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
Methylene chloride	EPA 8260B	8D14005	5.0	ND	1	4/14/2008	4/14/2008	
Naphthalene	EPA 8260B	8D14005	5.0	ND	1	4/14/2008	4/14/2008	
n-Butylbenzene	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
n-Heptane	EPA 8260B	8D14005	5.0	ND	1	4/14/2008	4/14/2008	
Nonanal	EPA 8260B	8D14005	5.0	ND	1	4/14/2008	4/14/2008	
n-Propylbenzene	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
o-Xylene	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
p-Isopropyltoluene	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
sec-Butylbenzene	EPA 8260B	8D14005	5.0	ND	1	4/14/2008	4/14/2008	
Styrene	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
tert-Butylbenzene	EPA 8260B	8D14005	5.0	ND	1	4/14/2008	4/14/2008	
Tetrachloroethene	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
Toluene	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
trans-1,2-Dichloroethene	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
trans-1,3-Dichloropropene	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
Trichloroethene	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
Trichlorofluoromethane	EPA 8260B	8D14005	5.0	ND	1	4/14/2008	4/14/2008	
Vinyl chloride	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
Surrogate: 4-Bromofluorobenzene (80-120%)				*97 %*				
Surrogate: Dibromofluoromethane (80-120%)				*105 %*				
Surrogate: Toluene-d8 (80-120%)				*98 %*				

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Project ID: Transect Wells (Henderson)
TASK 0004 08-43100-01
Report Number: IRD1081

Sampled: 04/09/08
Received: 04/11/08

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRD1081-04 (MC-48 - Water)				**Sampled: 04/09/08**				
Reporting Units: ug/l								
1,1,1,2-Tetrachloroethane	EPA 8260B	8D14005	5.0	ND	1	4/14/2008	4/14/2008	
1,1,1-Trichloroethane	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
1,1,2,2-Tetrachloroethane	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
1,1,2-Trichloroethane	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
1,1-Dichloroethane	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
1,1-Dichloroethene	EPA 8260B	8D14005	5.0	ND	1	4/14/2008	4/14/2008	
1,1-Dichloropropene	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
1,2,3-Trichlorobenzene	EPA 8260B	8D14005	5.0	ND	1	4/14/2008	4/14/2008	
1,2,3-Trichloropropane	EPA 8260B	8D14005	10	ND	1	4/14/2008	4/14/2008	
1,2,4-Trichlorobenzene	EPA 8260B	8D14005	5.0	**7.6**	1	4/14/2008	4/14/2008	
1,2,4-Trimethylbenzene	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
1,2-Dichlorobenzene	EPA 8260B	8D14005	2.0	**7.7**	1	4/14/2008	4/14/2008	
1,2-Dichloroethane	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
1,2-Dichloropropane	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
1,3,5-Trichlorobenzene	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
1,3,5-Trimethylbenzene	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
1,3-Dichlorobenzene	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
1,3-Dichloropropane	EPA 8260B	8D14005	5.0	ND	1	4/14/2008	4/14/2008	
1,4-Dichlorobenzene	EPA 8260B	8D14005	2.0	**11**	1	4/14/2008	4/14/2008	
2,2,3-Trimethylbutane	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
2,2-Dichloropropane	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
2,2-Dimethylpentane	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
2,3-Dimethylpentane	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
2,4-Dimethylpentane	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
2-Butanone (MEK)	EPA 8260B	8D14005	10	ND	1	4/14/2008	4/14/2008	
2-Chlorotoluene	EPA 8260B	8D14005	5.0	ND	1	4/14/2008	4/14/2008	
2-Hexanone	EPA 8260B	8D14005	10	ND	1	4/14/2008	4/14/2008	
2-Methylhexane	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
3,3-Dimethylpentane	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
3-Ethylpentane	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
3-Methylhexane	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
4-Chlorotoluene	EPA 8260B	8D14005	5.0	ND	1	4/14/2008	4/14/2008	
4-Methyl-2-pentanone (MIBK)	EPA 8260B	8D14005	10	ND	1	4/14/2008	4/14/2008	
Acetone	EPA 8260B	8D14005	10	ND	1	4/14/2008	4/14/2008	
Benzene	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
Bromobenzene	EPA 8260B	8D14005	5.0	ND	1	4/14/2008	4/14/2008	
Bromochloromethane	EPA 8260B	8D14005	5.0	ND	1	4/14/2008	4/14/2008	
Bromodichloromethane	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
Bromoform	EPA 8260B	8D14005	5.0	ND	1	4/14/2008	4/14/2008	
Bromomethane	EPA 8260B	8D14005	5.0	ND	1	4/14/2008	4/14/2008	
Carbon Disulfide	EPA 8260B	8D14005	5.0	ND	1	4/14/2008	4/14/2008	

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Project ID: Transect Wells (Henderson)
TASK 0004 08-43100-01
Report Number: IRD1081

Sampled: 04/09/08
Received: 04/11/08

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRD1081-04 (MC-48 - Water) - cont.				**Sampled: 04/09/08**				
Reporting Units: ug/l								
Carbon tetrachloride	EPA 8260B	8D14005	5.0	ND	1	4/14/2008	4/14/2008	
Chlorobenzene	EPA 8260B	8D14005	2.0	**20**	1	4/14/2008	4/14/2008	
Chloroethane	EPA 8260B	8D14005	5.0	ND	1	4/14/2008	4/14/2008	
Chloroform	EPA 8260B	8D14005	2.0	**7.9**	1	4/14/2008	4/14/2008	
Chloromethane	EPA 8260B	8D14005	5.0	ND	1	4/14/2008	4/14/2008	
cis-1,2-Dichloroethene	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
cis-1,3-Dichloropropene	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
Dibromochloromethane	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
Dibromomethane	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
Dichlorodifluoromethane	EPA 8260B	8D14005	5.0	ND	1	4/14/2008	4/14/2008	
Dimethyl disulfide	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
Ethylbenzene	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
Hexachlorobutadiene	EPA 8260B	8D14005	5.0	ND	1	4/14/2008	4/14/2008	
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	8D14005	5.0	ND	1	4/14/2008	4/14/2008	
Isopropylbenzene	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
m,p-Xylenes	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
Methylene chloride	EPA 8260B	8D14005	5.0	ND	1	4/14/2008	4/14/2008	
Naphthalene	EPA 8260B	8D14005	5.0	ND	1	4/14/2008	4/14/2008	
n-Butylbenzene	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
n-Heptane	EPA 8260B	8D14005	5.0	ND	1	4/14/2008	4/14/2008	
Nonanal	EPA 8260B	8D14005	5.0	ND	1	4/14/2008	4/14/2008	
n-Propylbenzene	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
o-Xylene	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
p-Isopropyltoluene	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
sec-Butylbenzene	EPA 8260B	8D14005	5.0	ND	1	4/14/2008	4/14/2008	
Styrene	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	M2
tert-Butylbenzene	EPA 8260B	8D14005	5.0	ND	1	4/14/2008	4/14/2008	
Tetrachloroethene	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
Toluene	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
trans-1,2-Dichloroethene	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
trans-1,3-Dichloropropene	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
Trichloroethene	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
Trichlorofluoromethane	EPA 8260B	8D14005	5.0	ND	1	4/14/2008	4/14/2008	
Vinyl chloride	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
Surrogate: 4-Bromofluorobenzene (80-120%)				*97 %*				
Surrogate: Dibromofluoromethane (80-120%)				*101 %*				
Surrogate: Toluene-d8 (80-120%)				*96 %*				

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de Maximis, Inc. - San Diego
1322 Scott Street, Suite 101
San Diego, CA 92106
Attention: Ed Modiano

Project ID: Transect Wells (Henderson)
TASK 0004 08-43100-01
Report Number: IRD1081

Sampled: 04/09/08
Received: 04/11/08

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRD1081-05 (MC-49 - Water)				**Sampled: 04/09/08**				
Reporting Units: ug/l								
1,1,1,2-Tetrachloroethane	EPA 8260B	8D14005	5.0	ND	1	4/14/2008	4/14/2008	
1,1,1-Trichloroethane	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
1,1,2,2-Tetrachloroethane	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
1,1,2-Trichloroethane	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
1,1-Dichloroethane	EPA 8260B	8D14005	2.0	**4.8**	1	4/14/2008	4/14/2008	
1,1-Dichloroethene	EPA 8260B	8D14005	5.0	ND	1	4/14/2008	4/14/2008	
1,1-Dichloropropene	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
1,2,3-Trichlorobenzene	EPA 8260B	8D14005	5.0	**5.6**	1	4/14/2008	4/14/2008	
1,2,3-Trichloropropane	EPA 8260B	8D14005	10	ND	1	4/14/2008	4/14/2008	
1,2,4-Trichlorobenzene	EPA 8260B	8D14005	5.0	**22**	1	4/14/2008	4/14/2008	
1,2,4-Trimethylbenzene	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
1,2-Dichlorobenzene	EPA 8260B	8D14005	2.0	**37**	1	4/14/2008	4/14/2008	
1,2-Dichloroethane	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
1,2-Dichloropropane	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
1,3,5-Trichlorobenzene	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
1,3,5-Trimethylbenzene	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
1,3-Dichlorobenzene	EPA 8260B	8D14005	2.0	**2.0**	1	4/14/2008	4/14/2008	
1,3-Dichloropropane	EPA 8260B	8D14005	5.0	ND	1	4/14/2008	4/14/2008	
1,4-Dichlorobenzene	EPA 8260B	8D14005	2.0	**52**	1	4/14/2008	4/14/2008	
2,2,3-Trimethylbutane	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
2,2-Dichloropropane	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
2,2-Dimethylpentane	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
2,3-Dimethylpentane	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
2,4-Dimethylpentane	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
2-Butanone (MEK)	EPA 8260B	8D14005	10	ND	1	4/14/2008	4/14/2008	
2-Chlorotoluene	EPA 8260B	8D14005	5.0	ND	1	4/14/2008	4/14/2008	
2-Hexanone	EPA 8260B	8D14005	10	ND	1	4/14/2008	4/14/2008	
2-Methylhexane	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
3,3-Dimethylpentane	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
3-Ethylpentane	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
3-Methylhexane	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
4-Chlorotoluene	EPA 8260B	8D14005	5.0	ND	1	4/14/2008	4/14/2008	
4-Methyl-2-pentanone (MIBK)	EPA 8260B	8D14005	10	ND	1	4/14/2008	4/14/2008	
Acetone	EPA 8260B	8D14005	10	ND	1	4/14/2008	4/14/2008	
Benzene	EPA 8260B	8D14005	2.0	**4.9**	1	4/14/2008	4/14/2008	
Bromobenzene	EPA 8260B	8D14005	5.0	ND	1	4/14/2008	4/14/2008	
Bromochloromethane	EPA 8260B	8D14005	5.0	ND	1	4/14/2008	4/14/2008	
Bromodichloromethane	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
Bromoform	EPA 8260B	8D14005	5.0	ND	1	4/14/2008	4/14/2008	
Bromomethane	EPA 8260B	8D14005	5.0	ND	1	4/14/2008	4/14/2008	
Carbon Disulfide	EPA 8260B	8D14005	5.0	ND	1	4/14/2008	4/14/2008	

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1322 Scott Street, Suite 101
San Diego, CA 92106
Attention: Ed Modiano

Project ID: Transect Wells (Henderson)
TASK 0004 08-43100-01
Report Number: IRD1081

Sampled: 04/09/08
Received: 04/11/08

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRD1081-05 (MC-49 - Water) - cont.				**Sampled: 04/09/08**				
Reporting Units: ug/l								
Carbon tetrachloride	EPA 8260B	8D14005	5.0	ND	1	4/14/2008	4/14/2008	
Chlorobenzene	EPA 8260B	8D14005	2.0	**200**	1	4/14/2008	4/14/2008	
Chloroethane	EPA 8260B	8D14005	5.0	ND	1	4/14/2008	4/14/2008	
Chloroform	EPA 8260B	8D14005	2.0	**5.2**	1	4/14/2008	4/14/2008	
Chloromethane	EPA 8260B	8D14005	5.0	ND	1	4/14/2008	4/14/2008	
cis-1,2-Dichloroethene	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
cis-1,3-Dichloropropene	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
Dibromochloromethane	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
Dibromomethane	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
Dichlorodifluoromethane	EPA 8260B	8D14005	5.0	ND	1	4/14/2008	4/14/2008	
Dimethyl disulfide	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
Ethylbenzene	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
Hexachlorobutadiene	EPA 8260B	8D14005	5.0	ND	1	4/14/2008	4/14/2008	
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	8D14005	5.0	ND	1	4/14/2008	4/14/2008	
Isopropylbenzene	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
m,p-Xylenes	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
Methylene chloride	EPA 8260B	8D14005	5.0	ND	1	4/14/2008	4/14/2008	
Naphthalene	EPA 8260B	8D14005	5.0	ND	1	4/14/2008	4/14/2008	
n-Butylbenzene	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
n-Heptane	EPA 8260B	8D14005	5.0	ND	1	4/14/2008	4/14/2008	
Nonanal	EPA 8260B	8D14005	5.0	ND	1	4/14/2008	4/14/2008	
n-Propylbenzene	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
o-Xylene	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
p-Isopropyltoluene	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
sec-Butylbenzene	EPA 8260B	8D14005	5.0	ND	1	4/14/2008	4/14/2008	
Styrene	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
tert-Butylbenzene	EPA 8260B	8D14005	5.0	ND	1	4/14/2008	4/14/2008	
Tetrachloroethene	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
Toluene	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
trans-1,2-Dichloroethene	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
trans-1,3-Dichloropropene	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
Trichloroethene	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
Trichlorofluoromethane	EPA 8260B	8D14005	5.0	ND	1	4/14/2008	4/14/2008	
Vinyl chloride	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
Surrogate: 4-Bromofluorobenzene (80-120%)				*101 %*				
Surrogate: Dibromofluoromethane (80-120%)				*101 %*				
Surrogate: Toluene-d8 (80-120%)				*98 %*				

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Project ID: Transect Wells (Henderson)
TASK 0004 08-43100-01
Report Number: IRD1081

Sampled: 04/09/08
Received: 04/11/08

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRD1081-06 (MC-46 - Water)				**Sampled: 04/09/08**				
Reporting Units: ug/l								
1,1,1,2-Tetrachloroethane	EPA 8260B	8D14005	5.0	ND	1	4/14/2008	4/14/2008	
1,1,1-Trichloroethane	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
1,1,2,2-Tetrachloroethane	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
1,1,2-Trichloroethane	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
1,1-Dichloroethane	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
1,1-Dichloroethene	EPA 8260B	8D14005	5.0	ND	1	4/14/2008	4/14/2008	
1,1-Dichloropropene	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
1,2,3-Trichlorobenzene	EPA 8260B	8D14005	5.0	ND	1	4/14/2008	4/14/2008	
1,2,3-Trichloropropane	EPA 8260B	8D14005	10	ND	1	4/14/2008	4/14/2008	
1,2,4-Trichlorobenzene	EPA 8260B	8D14005	5.0	ND	1	4/14/2008	4/14/2008	
1,2,4-Trimethylbenzene	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
1,2-Dichlorobenzene	EPA 8260B	8D14005	2.0	**2.8**	1	4/14/2008	4/14/2008	
1,2-Dichloroethane	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
1,2-Dichloropropane	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
1,3,5-Trichlorobenzene	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
1,3,5-Trimethylbenzene	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
1,3-Dichlorobenzene	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
1,3-Dichloropropane	EPA 8260B	8D14005	5.0	ND	1	4/14/2008	4/14/2008	
1,4-Dichlorobenzene	EPA 8260B	8D14005	2.0	**3.4**	1	4/14/2008	4/14/2008	
2,2,3-Trimethylbutane	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
2,2-Dichloropropane	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
2,2-Dimethylpentane	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
2,3-Dimethylpentane	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
2,4-Dimethylpentane	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
2-Butanone (MEK)	EPA 8260B	8D14005	10	ND	1	4/14/2008	4/14/2008	
2-Chlorotoluene	EPA 8260B	8D14005	5.0	ND	1	4/14/2008	4/14/2008	
2-Hexanone	EPA 8260B	8D14005	10	ND	1	4/14/2008	4/14/2008	
2-Methylhexane	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
3,3-Dimethylpentane	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
3-Ethylpentane	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
3-Methylhexane	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
4-Chlorotoluene	EPA 8260B	8D14005	5.0	ND	1	4/14/2008	4/14/2008	
4-Methyl-2-pentanone (MIBK)	EPA 8260B	8D14005	10	ND	1	4/14/2008	4/14/2008	
Acetone	EPA 8260B	8D14005	10	ND	1	4/14/2008	4/14/2008	
Benzene	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
Bromobenzene	EPA 8260B	8D14005	5.0	ND	1	4/14/2008	4/14/2008	
Bromochloromethane	EPA 8260B	8D14005	5.0	ND	1	4/14/2008	4/14/2008	
Bromodichloromethane	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
Bromoform	EPA 8260B	8D14005	5.0	ND	1	4/14/2008	4/14/2008	
Bromomethane	EPA 8260B	8D14005	5.0	ND	1	4/14/2008	4/14/2008	
Carbon Disulfide	EPA 8260B	8D14005	5.0	ND	1	4/14/2008	4/14/2008	

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Report Number: IRD1081

Sampled: 04/09/08
Received: 04/11/08

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRD1081-06 (MC-46 - Water) - cont.				**Sampled: 04/09/08**				
Reporting Units: ug/l								
Carbon tetrachloride	EPA 8260B	8D14005	5.0	ND	1	4/14/2008	4/14/2008	
Chlorobenzene	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
Chloroethane	EPA 8260B	8D14005	5.0	ND	1	4/14/2008	4/14/2008	
Chloroform	EPA 8260B	8D14005	2.0	**9.7**	1	4/14/2008	4/14/2008	
Chloromethane	EPA 8260B	8D14005	5.0	ND	1	4/14/2008	4/14/2008	
cis-1,2-Dichloroethene	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
cis-1,3-Dichloropropene	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
Dibromochloromethane	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
Dibromomethane	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
Dichlorodifluoromethane	EPA 8260B	8D14005	5.0	ND	1	4/14/2008	4/14/2008	
Dimethyl disulfide	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
Ethylbenzene	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
Hexachlorobutadiene	EPA 8260B	8D14005	5.0	ND	1	4/14/2008	4/14/2008	
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	8D14005	5.0	ND	1	4/14/2008	4/14/2008	
Isopropylbenzene	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
m,p-Xylenes	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
Methylene chloride	EPA 8260B	8D14005	5.0	ND	1	4/14/2008	4/14/2008	
Naphthalene	EPA 8260B	8D14005	5.0	ND	1	4/14/2008	4/14/2008	
n-Butylbenzene	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
n-Heptane	EPA 8260B	8D14005	5.0	ND	1	4/14/2008	4/14/2008	
Nonanal	EPA 8260B	8D14005	5.0	ND	1	4/14/2008	4/14/2008	
n-Propylbenzene	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
o-Xylene	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
p-Isopropyltoluene	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
sec-Butylbenzene	EPA 8260B	8D14005	5.0	ND	1	4/14/2008	4/14/2008	
Styrene	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
tert-Butylbenzene	EPA 8260B	8D14005	5.0	ND	1	4/14/2008	4/14/2008	
Tetrachloroethene	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
Toluene	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
trans-1,2-Dichloroethene	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
trans-1,3-Dichloropropene	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
Trichloroethene	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
Trichlorofluoromethane	EPA 8260B	8D14005	5.0	ND	1	4/14/2008	4/14/2008	
Vinyl chloride	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
Surrogate: 4-Bromofluorobenzene (80-120%)				*97 %*				
Surrogate: Dibromofluoromethane (80-120%)				*105 %*				
Surrogate: Toluene-d8 (80-120%)				*96 %*				

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Project Manager

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THE LEADER IN ENVIRONMENTAL TESTING
17461 Derian Avenue. Suite 100, Irvine, CA 92614 (949) 261-1022 Fax:(949) 260-3297

de Maximis, Inc. - San Diego
1322 Scott Street, Suite 101
San Diego, CA 92106
Attention: Ed Modiano

Project ID: Transect Wells (Henderson)
TASK 0004 08-43100-01
Report Number: IRD1081

Sampled: 04/09/08
Received: 04/11/08

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRD1081-07 (MC-50 - Water)				**Sampled: 04/09/08**				
Reporting Units: ug/l								
1,1,1,2-Tetrachloroethane	EPA 8260B	8D14005	5.0	ND	1	4/14/2008	4/14/2008	
1,1,1-Trichloroethane	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
1,1,2,2-Tetrachloroethane	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
1,1,2-Trichloroethane	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
1,1-Dichloroethane	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
1,1-Dichloroethene	EPA 8260B	8D14005	5.0	ND	1	4/14/2008	4/14/2008	
1,1-Dichloropropene	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
1,2,3-Trichlorobenzene	EPA 8260B	8D14005	5.0	ND	1	4/14/2008	4/14/2008	
1,2,3-Trichloropropane	EPA 8260B	8D14005	10	ND	1	4/14/2008	4/14/2008	
1,2,4-Trichlorobenzene	EPA 8260B	8D14005	5.0	**12**	1	4/14/2008	4/14/2008	
1,2,4-Trimethylbenzene	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
1,2-Dichlorobenzene	EPA 8260B	8D14005	2.0	**27**	1	4/14/2008	4/14/2008	
1,2-Dichloroethane	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
1,2-Dichloropropane	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
1,3,5-Trichlorobenzene	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
1,3,5-Trimethylbenzene	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
1,3-Dichlorobenzene	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
1,3-Dichloropropane	EPA 8260B	8D14005	5.0	ND	1	4/14/2008	4/14/2008	
1,4-Dichlorobenzene	EPA 8260B	8D14005	2.0	**39**	1	4/14/2008	4/14/2008	
2,2,3-Trimethylbutane	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
2,2-Dichloropropane	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
2,2-Dimethylpentane	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
2,3-Dimethylpentane	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
2,4-Dimethylpentane	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
2-Butanone (MEK)	EPA 8260B	8D14005	10	ND	1	4/14/2008	4/14/2008	
2-Chlorotoluene	EPA 8260B	8D14005	5.0	ND	1	4/14/2008	4/14/2008	
2-Hexanone	EPA 8260B	8D14005	10	ND	1	4/14/2008	4/14/2008	
2-Methylhexane	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
3,3-Dimethylpentane	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
3-Ethylpentane	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
3-Methylhexane	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
4-Chlorotoluene	EPA 8260B	8D14005	5.0	ND	1	4/14/2008	4/14/2008	
4-Methyl-2-pentanone (MIBK)	EPA 8260B	8D14005	10	ND	1	4/14/2008	4/14/2008	
Acetone	EPA 8260B	8D14005	10	ND	1	4/14/2008	4/14/2008	
Benzene	EPA 8260B	8D14005	2.0	**33**	1	4/14/2008	4/14/2008	
Bromobenzene	EPA 8260B	8D14005	5.0	ND	1	4/14/2008	4/14/2008	
Bromochloromethane	EPA 8260B	8D14005	5.0	ND	1	4/14/2008	4/14/2008	
Bromodichloromethane	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
Bromoform	EPA 8260B	8D14005	5.0	ND	1	4/14/2008	4/14/2008	
Bromomethane	EPA 8260B	8D14005	5.0	ND	1	4/14/2008	4/14/2008	
Carbon Disulfide	EPA 8260B	8D14005	5.0	ND	1	4/14/2008	4/14/2008	

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Project ID: Transect Wells (Henderson)
TASK 0004 08-43100-01
Report Number: IRD1081

Sampled: 04/09/08
Received: 04/11/08

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRD1081-07 (MC-50 - Water) - cont.				**Sampled: 04/09/08**				
Reporting Units: ug/l								
Carbon tetrachloride	EPA 8260B	8D14005	5.0	ND	1	4/14/2008	4/14/2008	
Chlorobenzene	EPA 8260B	8D14005	2.0	**46**	1	4/14/2008	4/14/2008	
Chloroethane	EPA 8260B	8D14005	5.0	ND	1	4/14/2008	4/14/2008	
Chloroform	EPA 8260B	8D14005	2.0	**7.6**	1	4/14/2008	4/14/2008	
Chloromethane	EPA 8260B	8D14005	5.0	ND	1	4/14/2008	4/14/2008	
cis-1,2-Dichloroethene	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
cis-1,3-Dichloropropene	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
Dibromochloromethane	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
Dibromomethane	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
Dichlorodifluoromethane	EPA 8260B	8D14005	5.0	ND	1	4/14/2008	4/14/2008	
Dimethyl disulfide	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
Ethylbenzene	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
Hexachlorobutadiene	EPA 8260B	8D14005	5.0	ND	1	4/14/2008	4/14/2008	
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	8D14005	5.0	ND	1	4/14/2008	4/14/2008	
Isopropylbenzene	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
m,p-Xylenes	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
Methylene chloride	EPA 8260B	8D14005	5.0	ND	1	4/14/2008	4/14/2008	
Naphthalene	EPA 8260B	8D14005	5.0	ND	1	4/14/2008	4/14/2008	
n-Butylbenzene	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
n-Heptane	EPA 8260B	8D14005	5.0	ND	1	4/14/2008	4/14/2008	
Nonanal	EPA 8260B	8D14005	5.0	ND	1	4/14/2008	4/14/2008	
n-Propylbenzene	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
o-Xylene	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
p-Isopropyltoluene	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
sec-Butylbenzene	EPA 8260B	8D14005	5.0	ND	1	4/14/2008	4/14/2008	
Styrene	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
tert-Butylbenzene	EPA 8260B	8D14005	5.0	ND	1	4/14/2008	4/14/2008	
Tetrachloroethene	EPA 8260B	8D14005	2.0	**4.0**	1	4/14/2008	4/14/2008	
Toluene	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
trans-1,2-Dichloroethene	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
trans-1,3-Dichloropropene	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
Trichloroethene	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
Trichlorofluoromethane	EPA 8260B	8D14005	5.0	ND	1	4/14/2008	4/14/2008	
Vinyl chloride	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
Surrogate: 4-Bromofluorobenzene (80-120%)				*97 %*				
Surrogate: Dibromofluoromethane (80-120%)				*104 %*				
Surrogate: Toluene-d8 (80-120%)				*95 %*				

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Project Manager

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Project ID: Transect Wells (Henderson)
TASK 0004 08-43100-01
Report Number: IRD1081

Sampled: 04/09/08
Received: 04/11/08

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRD1081-08 (MC-51 - Water)				**Sampled: 04/09/08**				
Reporting Units: ug/l								
1,1,1,2-Tetrachloroethane	EPA 8260B	8D14005	5.0	ND	1	4/14/2008	4/14/2008	
1,1,1-Trichloroethane	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
1,1,2,2-Tetrachloroethane	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
1,1,2-Trichloroethane	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
1,1-Dichloroethane	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
1,1-Dichloroethene	EPA 8260B	8D14005	5.0	ND	1	4/14/2008	4/14/2008	
1,1-Dichloropropene	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
1,2,3-Trichlorobenzene	EPA 8260B	8D14005	5.0	ND	1	4/14/2008	4/14/2008	
1,2,3-Trichloropropane	EPA 8260B	8D14005	10	ND	1	4/14/2008	4/14/2008	
1,2,4-Trichlorobenzene	EPA 8260B	8D14005	5.0	ND	1	4/14/2008	4/14/2008	
1,2,4-Trimethylbenzene	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
1,2-Dichlorobenzene	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
1,2-Dichloroethane	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
1,2-Dichloropropane	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
1,3,5-Trichlorobenzene	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
1,3,5-Trimethylbenzene	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
1,3-Dichlorobenzene	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
1,3-Dichloropropane	EPA 8260B	8D14005	5.0	ND	1	4/14/2008	4/14/2008	
1,4-Dichlorobenzene	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
2,2,3-Trimethylbutane	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
2,2-Dichloropropane	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
2,2-Dimethylpentane	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
2,3-Dimethylpentane	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
2,4-Dimethylpentane	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
2-Butanone (MEK)	EPA 8260B	8D14005	10	ND	1	4/14/2008	4/14/2008	
2-Chlorotoluene	EPA 8260B	8D14005	5.0	ND	1	4/14/2008	4/14/2008	
2-Hexanone	EPA 8260B	8D14005	10	ND	1	4/14/2008	4/14/2008	
2-Methylhexane	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
3,3-Dimethylpentane	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
3-Ethylpentane	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
3-Methylhexane	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
4-Chlorotoluene	EPA 8260B	8D14005	5.0	ND	1	4/14/2008	4/14/2008	
4-Methyl-2-pentanone (MIBK)	EPA 8260B	8D14005	10	ND	1	4/14/2008	4/14/2008	
Acetone	EPA 8260B	8D14005	10	ND	1	4/14/2008	4/14/2008	
Benzene	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
Bromobenzene	EPA 8260B	8D14005	5.0	ND	1	4/14/2008	4/14/2008	
Bromochloromethane	EPA 8260B	8D14005	5.0	ND	1	4/14/2008	4/14/2008	
Bromodichloromethane	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
Bromoform	EPA 8260B	8D14005	5.0	ND	1	4/14/2008	4/14/2008	
Bromomethane	EPA 8260B	8D14005	5.0	ND	1	4/14/2008	4/14/2008	
Carbon Disulfide	EPA 8260B	8D14005	5.0	ND	1	4/14/2008	4/14/2008	

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Sampled: 04/09/08
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VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRD1081-08 (MC-51 - Water) - cont.				**Sampled: 04/09/08**				
Reporting Units: ug/l								
Carbon tetrachloride	EPA 8260B	8D14005	5.0	ND	1	4/14/2008	4/14/2008	
Chlorobenzene	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
Chloroethane	EPA 8260B	8D14005	5.0	ND	1	4/14/2008	4/14/2008	
Chloroform	EPA 8260B	8D14005	2.0	**36**	1	4/14/2008	4/14/2008	
Chloromethane	EPA 8260B	8D14005	5.0	ND	1	4/14/2008	4/14/2008	
cis-1,2-Dichloroethene	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
cis-1,3-Dichloropropene	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
Dibromochloromethane	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
Dibromomethane	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
Dichlorodifluoromethane	EPA 8260B	8D14005	5.0	ND	1	4/14/2008	4/14/2008	
Dimethyl disulfide	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
Ethylbenzene	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
Hexachlorobutadiene	EPA 8260B	8D14005	5.0	ND	1	4/14/2008	4/14/2008	
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	8D14005	5.0	ND	1	4/14/2008	4/14/2008	
Isopropylbenzene	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
m,p-Xylenes	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
Methylene chloride	EPA 8260B	8D14005	5.0	ND	1	4/14/2008	4/14/2008	
Naphthalene	EPA 8260B	8D14005	5.0	ND	1	4/14/2008	4/14/2008	
n-Butylbenzene	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
n-Heptane	EPA 8260B	8D14005	5.0	ND	1	4/14/2008	4/14/2008	
Nonanal	EPA 8260B	8D14005	5.0	ND	1	4/14/2008	4/14/2008	
n-Propylbenzene	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
o-Xylene	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
p-Isopropyltoluene	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
sec-Butylbenzene	EPA 8260B	8D14005	5.0	ND	1	4/14/2008	4/14/2008	
Styrene	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
tert-Butylbenzene	EPA 8260B	8D14005	5.0	ND	1	4/14/2008	4/14/2008	
Tetrachloroethene	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
Toluene	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
trans-1,2-Dichloroethene	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
trans-1,3-Dichloropropene	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
Trichloroethene	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
Trichlorofluoromethane	EPA 8260B	8D14005	5.0	ND	1	4/14/2008	4/14/2008	
Vinyl chloride	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
Surrogate: 4-Bromofluorobenzene (80-120%)				*99 %*				
Surrogate: Dibromofluoromethane (80-120%)				*104 %*				
Surrogate: Toluene-d8 (80-120%)				*96 %*				

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Amy Windham
Project Manager

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TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
17461 Derian Avenue. Suite 100, Irvine, CA 92614 (949) 261-1022 Fax:(949) 260-3297

de Maximis, Inc. - San Diego
1322 Scott Street, Suite 101
San Diego, CA 92106
Attention: Ed Modiano

Project ID: Transect Wells (Henderson)
TASK 0004 08-43100-01
Report Number: IRD1081

Sampled: 04/09/08
Received: 04/11/08

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRD1081-09 (MC-53 - Water)				**Sampled: 04/09/08**				
Reporting Units: ug/l								
1,1,1,2-Tetrachloroethane	EPA 8260B	8D14005	5.0	ND	1	4/14/2008	4/14/2008	
1,1,1-Trichloroethane	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
1,1,2,2-Tetrachloroethane	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
1,1,2-Trichloroethane	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
1,1-Dichloroethane	EPA 8260B	8D14005	2.0	**2.7**	1	4/14/2008	4/14/2008	
1,1-Dichloroethene	EPA 8260B	8D14005	5.0	ND	1	4/14/2008	4/14/2008	
1,1-Dichloropropene	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
1,2,3-Trichlorobenzene	EPA 8260B	8D14005	5.0	ND	1	4/14/2008	4/14/2008	
1,2,3-Trichloropropane	EPA 8260B	8D14005	10	ND	1	4/14/2008	4/14/2008	
1,2,4-Trichlorobenzene	EPA 8260B	8D14005	5.0	ND	1	4/14/2008	4/14/2008	
1,2,4-Trimethylbenzene	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
1,2-Dichlorobenzene	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
1,2-Dichloroethane	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
1,2-Dichloropropane	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
1,3,5-Trichlorobenzene	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
1,3,5-Trimethylbenzene	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
1,3-Dichlorobenzene	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
1,3-Dichloropropane	EPA 8260B	8D14005	5.0	ND	1	4/14/2008	4/14/2008	
1,4-Dichlorobenzene	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
2,2,3-Trimethylbutane	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
2,2-Dichloropropane	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
2,2-Dimethylpentane	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
2,3-Dimethylpentane	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
2,4-Dimethylpentane	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
2-Butanone (MEK)	EPA 8260B	8D14005	10	ND	1	4/14/2008	4/14/2008	
2-Chlorotoluene	EPA 8260B	8D14005	5.0	ND	1	4/14/2008	4/14/2008	
2-Hexanone	EPA 8260B	8D14005	10	ND	1	4/14/2008	4/14/2008	
2-Methylhexane	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
3,3-Dimethylpentane	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
3-Ethylpentane	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
3-Methylhexane	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
4-Chlorotoluene	EPA 8260B	8D14005	5.0	ND	1	4/14/2008	4/14/2008	
4-Methyl-2-pentanone (MIBK)	EPA 8260B	8D14005	10	ND	1	4/14/2008	4/14/2008	
Acetone	EPA 8260B	8D14005	10	ND	1	4/14/2008	4/14/2008	
Benzene	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
Bromobenzene	EPA 8260B	8D14005	5.0	ND	1	4/14/2008	4/14/2008	
Bromochloromethane	EPA 8260B	8D14005	5.0	ND	1	4/14/2008	4/14/2008	
Bromodichloromethane	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
Bromoform	EPA 8260B	8D14005	5.0	ND	1	4/14/2008	4/14/2008	
Bromomethane	EPA 8260B	8D14005	5.0	ND	1	4/14/2008	4/14/2008	
Carbon Disulfide	EPA 8260B	8D14005	5.0	ND	1	4/14/2008	4/14/2008	

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Project ID: Transect Wells (Henderson)
TASK 0004 08-43100-01
Report Number: IRD1081

Sampled: 04/09/08
Received: 04/11/08

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRD1081-09 (MC-53 - Water) - cont.				**Sampled: 04/09/08**				
Reporting Units: ug/l								
Carbon tetrachloride	EPA 8260B	8D14005	5.0	ND	1	4/14/2008	4/14/2008	
Chlorobenzene	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
Chloroethane	EPA 8260B	8D14005	5.0	ND	1	4/14/2008	4/14/2008	
Chloroform	EPA 8260B	8D14005	2.0	**36**	1	4/14/2008	4/14/2008	
Chloromethane	EPA 8260B	8D14005	5.0	ND	1	4/14/2008	4/14/2008	
cis-1,2-Dichloroethene	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
cis-1,3-Dichloropropene	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
Dibromochloromethane	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
Dibromomethane	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
Dichlorodifluoromethane	EPA 8260B	8D14005	5.0	ND	1	4/14/2008	4/14/2008	
Dimethyl disulfide	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
Ethylbenzene	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
Hexachlorobutadiene	EPA 8260B	8D14005	5.0	ND	1	4/14/2008	4/14/2008	
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	8D14005	5.0	ND	1	4/14/2008	4/14/2008	
Isopropylbenzene	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
m,p-Xylenes	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
Methylene chloride	EPA 8260B	8D14005	5.0	ND	1	4/14/2008	4/14/2008	
Naphthalene	EPA 8260B	8D14005	5.0	ND	1	4/14/2008	4/14/2008	
n-Butylbenzene	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
n-Heptane	EPA 8260B	8D14005	5.0	ND	1	4/14/2008	4/14/2008	
Nonanal	EPA 8260B	8D14005	5.0	ND	1	4/14/2008	4/14/2008	
n-Propylbenzene	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
o-Xylene	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
p-Isopropyltoluene	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
sec-Butylbenzene	EPA 8260B	8D14005	5.0	ND	1	4/14/2008	4/14/2008	
Styrene	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
tert-Butylbenzene	EPA 8260B	8D14005	5.0	ND	1	4/14/2008	4/14/2008	
Tetrachloroethene	EPA 8260B	8D14005	2.0	**2.2**	1	4/14/2008	4/14/2008	
Toluene	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
trans-1,2-Dichloroethene	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
trans-1,3-Dichloropropene	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
Trichloroethene	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
Trichlorofluoromethane	EPA 8260B	8D14005	5.0	ND	1	4/14/2008	4/14/2008	
Vinyl chloride	EPA 8260B	8D14005	2.0	ND	1	4/14/2008	4/14/2008	
Surrogate: 4-Bromofluorobenzene (80-120%)				*98 %*				
Surrogate: Dibromofluoromethane (80-120%)				*102 %*				
Surrogate: Toluene-d8 (80-120%)				*97 %*				

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Report Number: IRD1081

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Received: 04/11/08

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRD1081-10 (Equipment Blank - Water)				**Sampled: 04/09/08**				
Reporting Units: ug/l								
1,1,1,2-Tetrachloroethane	EPA 8260B	8D13003	5.0	ND	1	4/13/2008	4/13/2008	
1,1,1-Trichloroethane	EPA 8260B	8D13003	2.0	ND	1	4/13/2008	4/13/2008	
1,1,2,2-Tetrachloroethane	EPA 8260B	8D13003	2.0	ND	1	4/13/2008	4/13/2008	
1,1,2-Trichloroethane	EPA 8260B	8D13003	2.0	ND	1	4/13/2008	4/13/2008	
1,1-Dichloroethane	EPA 8260B	8D13003	2.0	ND	1	4/13/2008	4/13/2008	
1,1-Dichloroethene	EPA 8260B	8D13003	5.0	ND	1	4/13/2008	4/13/2008	
1,1-Dichloropropene	EPA 8260B	8D13003	2.0	ND	1	4/13/2008	4/13/2008	
1,2,3-Trichlorobenzene	EPA 8260B	8D13003	5.0	ND	1	4/13/2008	4/13/2008	
1,2,3-Trichloropropane	EPA 8260B	8D13003	10	ND	1	4/13/2008	4/13/2008	
1,2,4-Trichlorobenzene	EPA 8260B	8D13003	5.0	ND	1	4/13/2008	4/13/2008	
1,2,4-Trimethylbenzene	EPA 8260B	8D13003	2.0	ND	1	4/13/2008	4/13/2008	
1,2-Dichlorobenzene	EPA 8260B	8D13003	2.0	ND	1	4/13/2008	4/13/2008	
1,2-Dichloroethane	EPA 8260B	8D13003	2.0	ND	1	4/13/2008	4/13/2008	
1,2-Dichloropropane	EPA 8260B	8D13003	2.0	ND	1	4/13/2008	4/13/2008	
1,3,5-Trichlorobenzene	EPA 8260B	8D13003	2.0	ND	1	4/13/2008	4/13/2008	
1,3,5-Trimethylbenzene	EPA 8260B	8D13003	2.0	ND	1	4/13/2008	4/13/2008	
1,3-Dichlorobenzene	EPA 8260B	8D13003	2.0	ND	1	4/13/2008	4/13/2008	
1,3-Dichloropropane	EPA 8260B	8D13003	5.0	ND	1	4/13/2008	4/13/2008	
1,4-Dichlorobenzene	EPA 8260B	8D13003	2.0	ND	1	4/13/2008	4/13/2008	
2,2,3-Trimethylbutane	EPA 8260B	8D13003	2.0	ND	1	4/13/2008	4/13/2008	
2,2-Dichloropropane	EPA 8260B	8D13003	2.0	ND	1	4/13/2008	4/13/2008	
2,2-Dimethylpentane	EPA 8260B	8D13003	2.0	ND	1	4/13/2008	4/13/2008	
2,3-Dimethylpentane	EPA 8260B	8D13003	2.0	ND	1	4/13/2008	4/13/2008	
2,4-Dimethylpentane	EPA 8260B	8D13003	2.0	ND	1	4/13/2008	4/13/2008	
2-Butanone (MEK)	EPA 8260B	8D13003	10	ND	1	4/13/2008	4/13/2008	
2-Chlorotoluene	EPA 8260B	8D13003	5.0	ND	1	4/13/2008	4/13/2008	
2-Hexanone	EPA 8260B	8D13003	10	ND	1	4/13/2008	4/13/2008	
2-Methylhexane	EPA 8260B	8D13003	2.0	ND	1	4/13/2008	4/13/2008	
3,3-Dimethylpentane	EPA 8260B	8D13003	2.0	ND	1	4/13/2008	4/13/2008	
3-Ethylpentane	EPA 8260B	8D13003	2.0	ND	1	4/13/2008	4/13/2008	
3-Methylhexane	EPA 8260B	8D13003	2.0	ND	1	4/13/2008	4/13/2008	
4-Chlorotoluene	EPA 8260B	8D13003	5.0	ND	1	4/13/2008	4/13/2008	
4-Methyl-2-pentanone (MIBK)	EPA 8260B	8D13003	10	ND	1	4/13/2008	4/13/2008	
Acetone	EPA 8260B	8D13003	10	ND	1	4/13/2008	4/13/2008	
Benzene	EPA 8260B	8D13003	2.0	ND	1	4/13/2008	4/13/2008	
Bromobenzene	EPA 8260B	8D13003	5.0	ND	1	4/13/2008	4/13/2008	
Bromochloromethane	EPA 8260B	8D13003	5.0	ND	1	4/13/2008	4/13/2008	
Bromodichloromethane	EPA 8260B	8D13003	2.0	ND	1	4/13/2008	4/13/2008	
Bromoform	EPA 8260B	8D13003	5.0	ND	1	4/13/2008	4/13/2008	
Bromomethane	EPA 8260B	8D13003	5.0	ND	1	4/13/2008	4/13/2008	
Carbon Disulfide	EPA 8260B	8D13003	5.0	ND	1	4/13/2008	4/13/2008	

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VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRD1081-10 (Equipment Blank - Water) - cont.				**Sampled: 04/09/08**				
Reporting Units: ug/l								
Carbon tetrachloride	EPA 8260B	8D13003	5.0	ND	1	4/13/2008	4/13/2008	
Chlorobenzene	EPA 8260B	8D13003	2.0	ND	1	4/13/2008	4/13/2008	
Chloroethane	EPA 8260B	8D13003	5.0	ND	1	4/13/2008	4/13/2008	
Chloroform	EPA 8260B	8D13003	2.0	ND	1	4/13/2008	4/13/2008	
Chloromethane	EPA 8260B	8D13003	5.0	ND	1	4/13/2008	4/13/2008	
cis-1,2-Dichloroethene	EPA 8260B	8D13003	2.0	ND	1	4/13/2008	4/13/2008	
cis-1,3-Dichloropropene	EPA 8260B	8D13003	2.0	ND	1	4/13/2008	4/13/2008	
Dibromochloromethane	EPA 8260B	8D13003	2.0	ND	1	4/13/2008	4/13/2008	
Dibromomethane	EPA 8260B	8D13003	2.0	ND	1	4/13/2008	4/13/2008	
Dichlorodifluoromethane	EPA 8260B	8D13003	5.0	ND	1	4/13/2008	4/13/2008	
Dimethyl disulfide	EPA 8260B	8D13003	2.0	ND	1	4/13/2008	4/13/2008	
Ethylbenzene	EPA 8260B	8D13003	2.0	ND	1	4/13/2008	4/13/2008	
Hexachlorobutadiene	EPA 8260B	8D13003	5.0	ND	1	4/13/2008	4/13/2008	
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	8D13003	5.0	ND	1	4/13/2008	4/13/2008	
Isopropylbenzene	EPA 8260B	8D13003	2.0	ND	1	4/13/2008	4/13/2008	
m,p-Xylenes	EPA 8260B	8D13003	2.0	ND	1	4/13/2008	4/13/2008	
Methylene chloride	EPA 8260B	8D13003	5.0	ND	1	4/13/2008	4/13/2008	
Naphthalene	EPA 8260B	8D13003	5.0	ND	1	4/13/2008	4/13/2008	
n-Butylbenzene	EPA 8260B	8D13003	2.0	ND	1	4/13/2008	4/13/2008	
n-Heptane	EPA 8260B	8D13003	5.0	ND	1	4/13/2008	4/13/2008	
Nonanal	EPA 8260B	8D13003	5.0	ND	1	4/13/2008	4/13/2008	
n-Propylbenzene	EPA 8260B	8D13003	2.0	ND	1	4/13/2008	4/13/2008	
o-Xylene	EPA 8260B	8D13003	2.0	ND	1	4/13/2008	4/13/2008	
p-Isopropyltoluene	EPA 8260B	8D13003	2.0	ND	1	4/13/2008	4/13/2008	
sec-Butylbenzene	EPA 8260B	8D13003	5.0	ND	1	4/13/2008	4/13/2008	
Styrene	EPA 8260B	8D13003	2.0	ND	1	4/13/2008	4/13/2008	
tert-Butylbenzene	EPA 8260B	8D13003	5.0	ND	1	4/13/2008	4/13/2008	
Tetrachloroethene	EPA 8260B	8D13003	2.0	ND	1	4/13/2008	4/13/2008	
Toluene	EPA 8260B	8D13003	2.0	ND	1	4/13/2008	4/13/2008	
trans-1,2-Dichloroethene	EPA 8260B	8D13003	2.0	ND	1	4/13/2008	4/13/2008	
trans-1,3-Dichloropropene	EPA 8260B	8D13003	2.0	ND	1	4/13/2008	4/13/2008	
Trichloroethene	EPA 8260B	8D13003	2.0	ND	1	4/13/2008	4/13/2008	
Trichlorofluoromethane	EPA 8260B	8D13003	5.0	ND	1	4/13/2008	4/13/2008	L
Vinyl chloride	EPA 8260B	8D13003	2.0	ND	1	4/13/2008	4/13/2008	
Surrogate: 4-Bromofluorobenzene (80-120%)				*92 %*				
Surrogate: Dibromofluoromethane (80-120%)				*105 %*				
Surrogate: Toluene-d8 (80-120%)				*95 %*				

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Report Number: IRD1081

Sampled: 04/09/08
Received: 04/11/08

ORGANOCHLORINE PESTICIDES (EPA 3510C/8081A)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRD1081-02 (MC-47 - Water)				**Sampled: 04/09/08**				
Reporting Units: ug/l								
Aldrin	EPA 3510C/8081A	8D16048	0.094	ND	0.943	4/16/2008	4/18/2008	
alpha-BHC	EPA 3510C/8081A	8D16048	0.094	**0.54**	0.943	4/16/2008	4/18/2008	
delta-BHC	EPA 3510C/8081A	8D16048	0.19	**0.84**	0.943	4/16/2008	4/18/2008	
gamma-BHC (Lindane)	EPA 3510C/8081A	8D16048	0.094	ND	0.943	4/16/2008	4/18/2008	
Chlordane	EPA 3510C/8081A	8D16048	0.94	ND	0.943	4/16/2008	4/18/2008	
2,4'-DDD	EPA 3510C/8081A	8D16048	0.094	ND	0.943	4/16/2008	4/18/2008	
2,4'-DDE	EPA 3510C/8081A	8D16048	0.094	ND	0.943	4/16/2008	4/18/2008	
2,4'-DDT	EPA 3510C/8081A	8D16048	0.094	ND	0.943	4/16/2008	4/18/2008	
4,4'-DDD	EPA 3510C/8081A	8D16048	0.094	ND	0.943	4/16/2008	4/18/2008	
4,4'-DDE	EPA 3510C/8081A	8D16048	0.094	ND	0.943	4/16/2008	4/18/2008	
4,4'-DDT	EPA 3510C/8081A	8D16048	0.094	ND	0.943	4/16/2008	4/18/2008	
Dieldrin	EPA 3510C/8081A	8D16048	0.094	ND	0.943	4/16/2008	4/18/2008	
Endosulfan I	EPA 3510C/8081A	8D16048	0.094	ND	0.943	4/16/2008	4/18/2008	
Endosulfan II	EPA 3510C/8081A	8D16048	0.094	ND	0.943	4/16/2008	4/18/2008	
Endosulfan sulfate	EPA 3510C/8081A	8D16048	0.19	ND	0.943	4/16/2008	4/18/2008	
Endrin	EPA 3510C/8081A	8D16048	0.094	ND	0.943	4/16/2008	4/18/2008	
Endrin aldehyde	EPA 3510C/8081A	8D16048	0.094	ND	0.943	4/16/2008	4/18/2008	
Endrin ketone	EPA 3510C/8081A	8D16048	0.094	ND	0.943	4/16/2008	4/18/2008	
Heptachlor	EPA 3510C/8081A	8D16048	0.094	ND	0.943	4/16/2008	4/18/2008	
Heptachlor epoxide	EPA 3510C/8081A	8D16048	0.094	ND	0.943	4/16/2008	4/18/2008	
Methoxychlor	EPA 3510C/8081A	8D16048	0.094	ND	0.943	4/16/2008	4/18/2008	
Toxaphene	EPA 3510C/8081A	8D16048	4.7	ND	0.943	4/16/2008	4/18/2008	
Surrogate: Tetrachloro-m-xylene (35-120%)				*76 %*				
Surrogate: Decachlorobiphenyl (45-120%)				*88 %*				
Sample ID: IRD1081-02RE1 (MC-47 - Water)				**Sampled: 04/09/08**				
Reporting Units: ug/l								
beta-BHC	EPA 3510C/8081A	8D16048	0.94	**3.0**	9.43	4/16/2008	4/18/2008	
Surrogate: Tetrachloro-m-xylene (35-120%)				*95 %*				*Z3*
Surrogate: Decachlorobiphenyl (45-120%)				*103 %*				*Z3*

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Attention: Ed Modiano

Project ID: Transect Wells (Henderson)
TASK 0004 08-43100-01
Report Number: IRD1081

Sampled: 04/09/08
Received: 04/11/08

ORGANOCHLORINE PESTICIDES (EPA 3510C/8081A)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRD1081-03 (MC-47 (FD) - Water)				**Sampled: 04/09/08**				
Reporting Units: ug/l								
Aldrin	EPA 3510C/8081A	8D16048	0.094	ND	0.943	4/16/2008	4/19/2008	
alpha-BHC	EPA 3510C/8081A	8D16048	0.094	**0.57**	0.943	4/16/2008	4/19/2008	
gamma-BHC (Lindane)	EPA 3510C/8081A	8D16048	0.094	ND	0.943	4/16/2008	4/19/2008	
Chlordane	EPA 3510C/8081A	8D16048	0.94	ND	0.943	4/16/2008	4/19/2008	
2,4'-DDD	EPA 3510C/8081A	8D16048	0.094	ND	0.943	4/16/2008	4/19/2008	
2,4'-DDE	EPA 3510C/8081A	8D16048	0.094	ND	0.943	4/16/2008	4/19/2008	
2,4'-DDT	EPA 3510C/8081A	8D16048	0.094	ND	0.943	4/16/2008	4/19/2008	
4,4'-DDD	EPA 3510C/8081A	8D16048	0.094	ND	0.943	4/16/2008	4/19/2008	
4,4'-DDE	EPA 3510C/8081A	8D16048	0.094	ND	0.943	4/16/2008	4/19/2008	
4,4'-DDT	EPA 3510C/8081A	8D16048	0.094	ND	0.943	4/16/2008	4/19/2008	
Dieldrin	EPA 3510C/8081A	8D16048	0.094	ND	0.943	4/16/2008	4/19/2008	
Endosulfan I	EPA 3510C/8081A	8D16048	0.094	ND	0.943	4/16/2008	4/19/2008	
Endosulfan II	EPA 3510C/8081A	8D16048	0.094	ND	0.943	4/16/2008	4/19/2008	
Endosulfan sulfate	EPA 3510C/8081A	8D16048	0.19	ND	0.943	4/16/2008	4/19/2008	
Endrin	EPA 3510C/8081A	8D16048	0.094	ND	0.943	4/16/2008	4/19/2008	
Endrin aldehyde	EPA 3510C/8081A	8D16048	0.094	ND	0.943	4/16/2008	4/19/2008	
Endrin ketone	EPA 3510C/8081A	8D16048	0.094	ND	0.943	4/16/2008	4/19/2008	
Heptachlor	EPA 3510C/8081A	8D16048	0.094	ND	0.943	4/16/2008	4/19/2008	
Heptachlor epoxide	EPA 3510C/8081A	8D16048	0.094	ND	0.943	4/16/2008	4/19/2008	
Methoxychlor	EPA 3510C/8081A	8D16048	0.094	ND	0.943	4/16/2008	4/19/2008	
Toxaphene	EPA 3510C/8081A	8D16048	4.7	ND	0.943	4/16/2008	4/19/2008	
Surrogate: Tetrachloro-m-xylene (35-120%)				*77 %*				
Surrogate: Decachlorobiphenyl (45-120%)				*89 %*				
Sample ID: IRD1081-03RE1 (MC-47 (FD) - Water)				**Sampled: 04/09/08**				
Reporting Units: ug/l								
beta-BHC	EPA 3510C/8081A	8D16048	0.94	**3.2**	9.43	4/16/2008	4/18/2008	
Surrogate: Tetrachloro-m-xylene (35-120%)				*95 %*				*Z3*
Surrogate: Decachlorobiphenyl (45-120%)				*104 %*				*Z3*
Sample ID: IRD1081-03RE2 (MC-47 (FD) - Water)				**Sampled: 04/09/08**				
Reporting Units: ug/l								
delta-BHC	EPA 3510C/8081A	8D16048	0.38	**1.0**	1.89	4/16/2008	4/21/2008	
Surrogate: Tetrachloro-m-xylene (35-120%)				*84 %*				
Surrogate: Decachlorobiphenyl (45-120%)				*91 %*				

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Project ID: Transect Wells (Henderson)
TASK 0004 08-43100-01
Report Number: IRD1081

Sampled: 04/09/08
Received: 04/11/08

ORGANOCHLORINE PESTICIDES (EPA 3510C/8081A)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRD1081-04 (MC-48 - Water)				**Sampled: 04/09/08**				
Reporting Units: ug/l								
Aldrin	EPA 3510C/8081A	8D16048	0.094	ND	0.943	4/16/2008	4/19/2008	
gamma-BHC (Lindane)	EPA 3510C/8081A	8D16048	0.094	ND	0.943	4/16/2008	4/19/2008	
Chlordane	EPA 3510C/8081A	8D16048	0.94	ND	0.943	4/16/2008	4/19/2008	
2,4'-DDD	EPA 3510C/8081A	8D16048	0.094	ND	0.943	4/16/2008	4/19/2008	
2,4'-DDE	EPA 3510C/8081A	8D16048	0.094	ND	0.943	4/16/2008	4/19/2008	
2,4'-DDT	EPA 3510C/8081A	8D16048	0.094	ND	0.943	4/16/2008	4/19/2008	
4,4'-DDD	EPA 3510C/8081A	8D16048	0.094	ND	0.943	4/16/2008	4/19/2008	
4,4'-DDE	EPA 3510C/8081A	8D16048	0.094	ND	0.943	4/16/2008	4/19/2008	
4,4'-DDT	EPA 3510C/8081A	8D16048	0.094	ND	0.943	4/16/2008	4/19/2008	
Dieldrin	EPA 3510C/8081A	8D16048	0.094	ND	0.943	4/16/2008	4/19/2008	
Endosulfan I	EPA 3510C/8081A	8D16048	0.094	ND	0.943	4/16/2008	4/19/2008	
Endosulfan II	EPA 3510C/8081A	8D16048	0.094	ND	0.943	4/16/2008	4/19/2008	
Endosulfan sulfate	EPA 3510C/8081A	8D16048	0.19	ND	0.943	4/16/2008	4/19/2008	
Endrin	EPA 3510C/8081A	8D16048	0.094	ND	0.943	4/16/2008	4/19/2008	
Endrin aldehyde	EPA 3510C/8081A	8D16048	0.094	ND	0.943	4/16/2008	4/19/2008	
Endrin ketone	EPA 3510C/8081A	8D16048	0.094	ND	0.943	4/16/2008	4/19/2008	
Heptachlor	EPA 3510C/8081A	8D16048	0.094	ND	0.943	4/16/2008	4/19/2008	
Heptachlor epoxide	EPA 3510C/8081A	8D16048	0.094	ND	0.943	4/16/2008	4/19/2008	
Methoxychlor	EPA 3510C/8081A	8D16048	0.094	ND	0.943	4/16/2008	4/19/2008	
Toxaphene	EPA 3510C/8081A	8D16048	4.7	ND	0.943	4/16/2008	4/19/2008	
Surrogate: Tetrachloro-m-xylene (35-120%)				*76 %*				
Surrogate: Decachlorobiphenyl (45-120%)				*85 %*				
Sample ID: IRD1081-04RE1 (MC-48 - Water)				**Sampled: 04/09/08**				
Reporting Units: ug/l								
alpha-BHC	EPA 3510C/8081A	8D16048	0.47	**1.8**	4.72	4/16/2008	4/18/2008	
delta-BHC	EPA 3510C/8081A	8D16048	0.94	**1.1**	4.72	4/16/2008	4/18/2008	
Surrogate: Tetrachloro-m-xylene (35-120%)				*103 %*				
Surrogate: Decachlorobiphenyl (45-120%)				*92 %*				
Sample ID: IRD1081-04RE2 (MC-48 - Water)				**Sampled: 04/09/08**				
Reporting Units: ug/l								
beta-BHC	EPA 3510C/8081A	8D16048	1.9	**7.8**	18.9	4/16/2008	4/18/2008	
Surrogate: Tetrachloro-m-xylene (35-120%)				*110 %*				*Z3*
Surrogate: Decachlorobiphenyl (45-120%)				*104 %*				*Z3*

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Project ID: Transect Wells (Henderson)
TASK 0004 08-43100-01
Report Number: IRD1081

Sampled: 04/09/08
Received: 04/11/08

ORGANOCHLORINE PESTICIDES (EPA 3510C/8081A)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRD1081-05 (MC-49 - Water)				**Sampled: 04/09/08**				
Reporting Units: ug/l								
Aldrin	EPA 3510C/8081A	8D16048	0.094	ND	0.943	4/16/2008	4/19/2008	
gamma-BHC (Lindane)	EPA 3510C/8081A	8D16048	0.094	ND	0.943	4/16/2008	4/19/2008	
Chlordane	EPA 3510C/8081A	8D16048	0.94	ND	0.943	4/16/2008	4/19/2008	
2,4'-DDD	EPA 3510C/8081A	8D16048	0.094	ND	0.943	4/16/2008	4/19/2008	
2,4'-DDE	EPA 3510C/8081A	8D16048	0.094	ND	0.943	4/16/2008	4/19/2008	
2,4'-DDT	EPA 3510C/8081A	8D16048	0.094	ND	0.943	4/16/2008	4/19/2008	
4,4'-DDD	EPA 3510C/8081A	8D16048	0.094	ND	0.943	4/16/2008	4/19/2008	
4,4'-DDE	EPA 3510C/8081A	8D16048	0.094	ND	0.943	4/16/2008	4/19/2008	
4,4'-DDT	EPA 3510C/8081A	8D16048	0.094	ND	0.943	4/16/2008	4/19/2008	
Dieldrin	EPA 3510C/8081A	8D16048	0.094	ND	0.943	4/16/2008	4/19/2008	
Endosulfan I	EPA 3510C/8081A	8D16048	0.094	ND	0.943	4/16/2008	4/19/2008	
Endosulfan II	EPA 3510C/8081A	8D16048	0.094	ND	0.943	4/16/2008	4/19/2008	
Endosulfan sulfate	EPA 3510C/8081A	8D16048	0.19	ND	0.943	4/16/2008	4/19/2008	
Endrin	EPA 3510C/8081A	8D16048	0.094	ND	0.943	4/16/2008	4/19/2008	
Endrin aldehyde	EPA 3510C/8081A	8D16048	0.094	ND	0.943	4/16/2008	4/19/2008	
Endrin ketone	EPA 3510C/8081A	8D16048	0.094	ND	0.943	4/16/2008	4/19/2008	
Heptachlor	EPA 3510C/8081A	8D16048	0.094	ND	0.943	4/16/2008	4/19/2008	
Heptachlor epoxide	EPA 3510C/8081A	8D16048	0.094	ND	0.943	4/16/2008	4/19/2008	
Methoxychlor	EPA 3510C/8081A	8D16048	0.094	ND	0.943	4/16/2008	4/19/2008	
Toxaphene	EPA 3510C/8081A	8D16048	4.7	ND	0.943	4/16/2008	4/19/2008	
Surrogate: Tetrachloro-m-xylene (35-120%)				*76 %*				
Surrogate: Decachlorobiphenyl (45-120%)				*88 %*				
Sample ID: IRD1081-05RE1 (MC-49 - Water)				**Sampled: 04/09/08**				
Reporting Units: ug/l								
alpha-BHC	EPA 3510C/8081A	8D16048	1.9	**4.4**	18.9	4/16/2008	4/18/2008	
beta-BHC	EPA 3510C/8081A	8D16048	1.9	**9.5**	18.9	4/16/2008	4/18/2008	
Surrogate: Tetrachloro-m-xylene (35-120%)				*91 %*				*Z3*
Surrogate: Decachlorobiphenyl (45-120%)				*98 %*				*Z3*
Sample ID: IRD1081-05RE2 (MC-49 - Water)				**Sampled: 04/09/08**				
Reporting Units: ug/l								
delta-BHC	EPA 3510C/8081A	8D16048	0.57	**1.3**	2.83	4/16/2008	4/21/2008	
Surrogate: Tetrachloro-m-xylene (35-120%)				*80 %*				
Surrogate: Decachlorobiphenyl (45-120%)				*87 %*				

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Project ID: Transect Wells (Henderson)
TASK 0004 08-43100-01
Report Number: IRD1081

Sampled: 04/09/08
Received: 04/11/08

ORGANOCHLORINE PESTICIDES (EPA 3510C/8081A)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRD1081-06 (MC-46 - Water)				**Sampled: 04/09/08**				
Reporting Units: ug/l								
Aldrin	EPA 3510C/8081A	8D16048	0.094	ND	0.943	4/16/2008	4/19/2008	
gamma-BHC (Lindane)	EPA 3510C/8081A	8D16048	0.094	ND	0.943	4/16/2008	4/19/2008	
Chlordane	EPA 3510C/8081A	8D16048	0.94	ND	0.943	4/16/2008	4/19/2008	
2,4'-DDD	EPA 3510C/8081A	8D16048	0.094	ND	0.943	4/16/2008	4/19/2008	
2,4'-DDE	EPA 3510C/8081A	8D16048	0.094	ND	0.943	4/16/2008	4/19/2008	
2,4'-DDT	EPA 3510C/8081A	8D16048	0.094	ND	0.943	4/16/2008	4/19/2008	
4,4'-DDD	EPA 3510C/8081A	8D16048	0.094	ND	0.943	4/16/2008	4/19/2008	
4,4'-DDE	EPA 3510C/8081A	8D16048	0.094	ND	0.943	4/16/2008	4/19/2008	
4,4'-DDT	EPA 3510C/8081A	8D16048	0.094	ND	0.943	4/16/2008	4/19/2008	
Dieldrin	EPA 3510C/8081A	8D16048	0.094	ND	0.943	4/16/2008	4/19/2008	
Endosulfan I	EPA 3510C/8081A	8D16048	0.094	ND	0.943	4/16/2008	4/19/2008	
Endosulfan II	EPA 3510C/8081A	8D16048	0.094	ND	0.943	4/16/2008	4/19/2008	
Endosulfan sulfate	EPA 3510C/8081A	8D16048	0.19	ND	0.943	4/16/2008	4/19/2008	
Endrin	EPA 3510C/8081A	8D16048	0.094	ND	0.943	4/16/2008	4/19/2008	
Endrin aldehyde	EPA 3510C/8081A	8D16048	0.094	ND	0.943	4/16/2008	4/19/2008	
Endrin ketone	EPA 3510C/8081A	8D16048	0.094	ND	0.943	4/16/2008	4/19/2008	
Heptachlor	EPA 3510C/8081A	8D16048	0.094	ND	0.943	4/16/2008	4/19/2008	
Heptachlor epoxide	EPA 3510C/8081A	8D16048	0.094	ND	0.943	4/16/2008	4/19/2008	
Methoxychlor	EPA 3510C/8081A	8D16048	0.094	ND	0.943	4/16/2008	4/19/2008	
Toxaphene	EPA 3510C/8081A	8D16048	4.7	ND	0.943	4/16/2008	4/19/2008	
Surrogate: Tetrachloro-m-xylene (35-120%)				*82 %*				
Surrogate: Decachlorobiphenyl (45-120%)				*91 %*				
Sample ID: IRD1081-06RE1 (MC-46 - Water)				**Sampled: 04/09/08**				
Reporting Units: ug/l								
alpha-BHC	EPA 3510C/8081A	8D16048	0.19	**1.0**	1.89	4/16/2008	4/18/2008	
delta-BHC	EPA 3510C/8081A	8D16048	0.38	**0.86**	1.89	4/16/2008	4/18/2008	
Surrogate: Tetrachloro-m-xylene (35-120%)				*91 %*				
Surrogate: Decachlorobiphenyl (45-120%)				*94 %*				
Sample ID: IRD1081-06RE2 (MC-46 - Water)				**Sampled: 04/09/08**				
Reporting Units: ug/l								
beta-BHC	EPA 3510C/8081A	8D16048	1.9	**9.7**	18.9	4/16/2008	4/18/2008	
Surrogate: Tetrachloro-m-xylene (35-120%)				*105 %*				*Z3*
Surrogate: Decachlorobiphenyl (45-120%)				*110 %*				*Z3*

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Project ID: Transect Wells (Henderson)
TASK 0004 08-43100-01
Report Number: IRD1081

Sampled: 04/09/08
Received: 04/11/08

ORGANOCHLORINE PESTICIDES (EPA 3510C/8081A)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRD1081-07 (MC-50 - Water)				**Sampled: 04/09/08**				
Reporting Units: ug/l								
Aldrin	EPA 3510C/8081A	8D16048	0.094	ND	0.943	4/16/2008	4/19/2008	
gamma-BHC (Lindane)	EPA 3510C/8081A	8D16048	0.094	**0.19**	0.943	4/16/2008	4/19/2008	
Chlordane	EPA 3510C/8081A	8D16048	0.94	ND	0.943	4/16/2008	4/19/2008	
2,4'-DDD	EPA 3510C/8081A	8D16048	0.094	ND	0.943	4/16/2008	4/19/2008	
2,4'-DDE	EPA 3510C/8081A	8D16048	0.094	ND	0.943	4/16/2008	4/19/2008	
2,4'-DDT	EPA 3510C/8081A	8D16048	0.094	ND	0.943	4/16/2008	4/19/2008	
4,4'-DDD	EPA 3510C/8081A	8D16048	0.094	ND	0.943	4/16/2008	4/19/2008	
4,4'-DDE	EPA 3510C/8081A	8D16048	0.094	ND	0.943	4/16/2008	4/19/2008	
4,4'-DDT	EPA 3510C/8081A	8D16048	0.094	ND	0.943	4/16/2008	4/19/2008	
Dieldrin	EPA 3510C/8081A	8D16048	0.094	ND	0.943	4/16/2008	4/19/2008	
Endosulfan I	EPA 3510C/8081A	8D16048	0.094	ND	0.943	4/16/2008	4/19/2008	
Endosulfan II	EPA 3510C/8081A	8D16048	0.094	ND	0.943	4/16/2008	4/19/2008	
Endosulfan sulfate	EPA 3510C/8081A	8D16048	0.19	ND	0.943	4/16/2008	4/19/2008	
Endrin	EPA 3510C/8081A	8D16048	0.094	ND	0.943	4/16/2008	4/19/2008	
Endrin aldehyde	EPA 3510C/8081A	8D16048	0.094	ND	0.943	4/16/2008	4/19/2008	
Endrin ketone	EPA 3510C/8081A	8D16048	0.094	ND	0.943	4/16/2008	4/19/2008	
Heptachlor	EPA 3510C/8081A	8D16048	0.094	ND	0.943	4/16/2008	4/19/2008	
Heptachlor epoxide	EPA 3510C/8081A	8D16048	0.094	ND	0.943	4/16/2008	4/19/2008	
Methoxychlor	EPA 3510C/8081A	8D16048	0.094	ND	0.943	4/16/2008	4/19/2008	
Toxaphene	EPA 3510C/8081A	8D16048	4.7	ND	0.943	4/16/2008	4/19/2008	
Surrogate: Tetrachloro-m-xylene (35-120%)				*80 %*				
Surrogate: Decachlorobiphenyl (45-120%)				*86 %*				
Sample ID: IRD1081-07RE1 (MC-50 - Water)				**Sampled: 04/09/08**				
Reporting Units: ug/l								
alpha-BHC	EPA 3510C/8081A	8D16048	0.47	**3.5**	4.72	4/16/2008	4/18/2008	
delta-BHC	EPA 3510C/8081A	8D16048	0.94	**1.3**	4.72	4/16/2008	4/18/2008	
Surrogate: Tetrachloro-m-xylene (35-120%)				*97 %*				
Surrogate: Decachlorobiphenyl (45-120%)				*96 %*				
Sample ID: IRD1081-07RE2 (MC-50 - Water)				**Sampled: 04/09/08**				
Reporting Units: ug/l								
beta-BHC	EPA 3510C/8081A	8D16048	4.7	**15**	47.2	4/16/2008	4/18/2008	
Surrogate: Tetrachloro-m-xylene (35-120%)				*107 %*				*Z3*
Surrogate: Decachlorobiphenyl (45-120%)				*117 %*				*Z3*

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Project ID: Transect Wells (Henderson)
TASK 0004 08-43100-01
Report Number: IRD1081

Sampled: 04/09/08
Received: 04/11/08

ORGANOCHLORINE PESTICIDES (EPA 3510C/8081A)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRD1081-08 (MC-51 - Water)				**Sampled: 04/09/08**				
Reporting Units: ug/l								
Aldrin	EPA 3510C/8081A	8D16048	0.094	ND	0.943	4/16/2008	4/19/2008	
alpha-BHC	EPA 3510C/8081A	8D16048	0.094	**0.22**	0.943	4/16/2008	4/19/2008	
gamma-BHC (Lindane)	EPA 3510C/8081A	8D16048	0.094	ND	0.943	4/16/2008	4/19/2008	
Chlordane	EPA 3510C/8081A	8D16048	0.94	ND	0.943	4/16/2008	4/19/2008	
2,4'-DDD	EPA 3510C/8081A	8D16048	0.094	ND	0.943	4/16/2008	4/19/2008	
2,4'-DDE	EPA 3510C/8081A	8D16048	0.094	ND	0.943	4/16/2008	4/19/2008	
2,4'-DDT	EPA 3510C/8081A	8D16048	0.094	ND	0.943	4/16/2008	4/19/2008	
4,4'-DDD	EPA 3510C/8081A	8D16048	0.094	ND	0.943	4/16/2008	4/19/2008	
4,4'-DDE	EPA 3510C/8081A	8D16048	0.094	ND	0.943	4/16/2008	4/19/2008	
4,4'-DDT	EPA 3510C/8081A	8D16048	0.094	ND	0.943	4/16/2008	4/19/2008	
Dieldrin	EPA 3510C/8081A	8D16048	0.094	ND	0.943	4/16/2008	4/19/2008	
Endosulfan I	EPA 3510C/8081A	8D16048	0.094	ND	0.943	4/16/2008	4/19/2008	
Endosulfan II	EPA 3510C/8081A	8D16048	0.094	ND	0.943	4/16/2008	4/19/2008	
Endosulfan sulfate	EPA 3510C/8081A	8D16048	0.19	ND	0.943	4/16/2008	4/19/2008	
Endrin	EPA 3510C/8081A	8D16048	0.094	ND	0.943	4/16/2008	4/19/2008	
Endrin aldehyde	EPA 3510C/8081A	8D16048	0.094	ND	0.943	4/16/2008	4/19/2008	
Endrin ketone	EPA 3510C/8081A	8D16048	0.094	ND	0.943	4/16/2008	4/19/2008	
Heptachlor	EPA 3510C/8081A	8D16048	0.094	ND	0.943	4/16/2008	4/19/2008	
Heptachlor epoxide	EPA 3510C/8081A	8D16048	0.094	ND	0.943	4/16/2008	4/19/2008	
Methoxychlor	EPA 3510C/8081A	8D16048	0.094	ND	0.943	4/16/2008	4/19/2008	
Toxaphene	EPA 3510C/8081A	8D16048	4.7	ND	0.943	4/16/2008	4/19/2008	
Surrogate: Tetrachloro-m-xylene (35-120%)				*78 %*				
Surrogate: Decachlorobiphenyl (45-120%)				*88 %*				
Sample ID: IRD1081-08RE1 (MC-51 - Water)				**Sampled: 04/09/08**				
Reporting Units: ug/l								
delta-BHC	EPA 3510C/8081A	8D16048	0.57	**1.7**	2.83	4/16/2008	4/18/2008	
Surrogate: Tetrachloro-m-xylene (35-120%)				*96 %*				
Surrogate: Decachlorobiphenyl (45-120%)				*92 %*				
Sample ID: IRD1081-08RE2 (MC-51 - Water)				**Sampled: 04/09/08**				
Reporting Units: ug/l								
beta-BHC	EPA 3510C/8081A	8D16048	1.9	**9.2**	18.9	4/16/2008	4/18/2008	
Surrogate: Tetrachloro-m-xylene (35-120%)				*119 %*				*Z3*
Surrogate: Decachlorobiphenyl (45-120%)				*112 %*				*Z3*

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Attention: Ed Modiano

Project ID: Transect Wells (Henderson)
TASK 0004 08-43100-01
Report Number: IRD1081

Sampled: 04/09/08
Received: 04/11/08

ORGANOCHLORINE PESTICIDES (EPA 3510C/8081A)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRD1081-09 (MC-53 - Water)				**Sampled: 04/09/08**				
Reporting Units: ug/l								
Aldrin	EPA 3510C/8081A	8D16048	0.094	ND	0.943	4/16/2008	4/18/2008	
alpha-BHC	EPA 3510C/8081A	8D16048	0.094	**0.54**	0.943	4/16/2008	4/18/2008	
delta-BHC	EPA 3510C/8081A	8D16048	0.19	**0.57**	0.943	4/16/2008	4/18/2008	
gamma-BHC (Lindane)	EPA 3510C/8081A	8D16048	0.094	ND	0.943	4/16/2008	4/18/2008	
Chlordane	EPA 3510C/8081A	8D16048	0.94	ND	0.943	4/16/2008	4/18/2008	
2,4'-DDD	EPA 3510C/8081A	8D16048	0.094	ND	0.943	4/16/2008	4/18/2008	
2,4'-DDE	EPA 3510C/8081A	8D16048	0.094	ND	0.943	4/16/2008	4/18/2008	
2,4'-DDT	EPA 3510C/8081A	8D16048	0.094	ND	0.943	4/16/2008	4/18/2008	
4,4'-DDD	EPA 3510C/8081A	8D16048	0.094	ND	0.943	4/16/2008	4/18/2008	
4,4'-DDE	EPA 3510C/8081A	8D16048	0.094	ND	0.943	4/16/2008	4/18/2008	
4,4'-DDT	EPA 3510C/8081A	8D16048	0.094	ND	0.943	4/16/2008	4/18/2008	
Dieldrin	EPA 3510C/8081A	8D16048	0.094	ND	0.943	4/16/2008	4/18/2008	
Endosulfan I	EPA 3510C/8081A	8D16048	0.094	ND	0.943	4/16/2008	4/18/2008	
Endosulfan II	EPA 3510C/8081A	8D16048	0.094	ND	0.943	4/16/2008	4/18/2008	
Endosulfan sulfate	EPA 3510C/8081A	8D16048	0.19	ND	0.943	4/16/2008	4/18/2008	
Endrin	EPA 3510C/8081A	8D16048	0.094	ND	0.943	4/16/2008	4/18/2008	
Endrin aldehyde	EPA 3510C/8081A	8D16048	0.094	ND	0.943	4/16/2008	4/18/2008	
Endrin ketone	EPA 3510C/8081A	8D16048	0.094	ND	0.943	4/16/2008	4/18/2008	
Heptachlor	EPA 3510C/8081A	8D16048	0.094	ND	0.943	4/16/2008	4/18/2008	
Heptachlor epoxide	EPA 3510C/8081A	8D16048	0.094	ND	0.943	4/16/2008	4/18/2008	
Methoxychlor	EPA 3510C/8081A	8D16048	0.094	ND	0.943	4/16/2008	4/18/2008	
Toxaphene	EPA 3510C/8081A	8D16048	4.7	ND	0.943	4/16/2008	4/18/2008	
Surrogate: Tetrachloro-m-xylene (35-120%)				*74 %*				
Surrogate: Decachlorobiphenyl (45-120%)				*94 %*				
Sample ID: IRD1081-09RE1 (MC-53 - Water)				**Sampled: 04/09/08**				
Reporting Units: ug/l								
beta-BHC	EPA 3510C/8081A	8D16048	0.47	**2.6**	4.72	4/16/2008	4/18/2008	
Surrogate: Tetrachloro-m-xylene (35-120%)				*102 %*				
Surrogate: Decachlorobiphenyl (45-120%)				*95 %*				

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Project ID: Transect Wells (Henderson)
TASK 0004 08-43100-01
Report Number: IRD1081

Sampled: 04/09/08
Received: 04/11/08

ORGANOCHLORINE PESTICIDES (EPA 3510C/8081A)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRD1081-10 (Equipment Blank - Water)				**Sampled: 04/09/08**				
Reporting Units: ug/l								
Aldrin	EPA 3510C/8081A	8D16048	0.094	ND	0.943	4/16/2008	4/17/2008	
alpha-BHC	EPA 3510C/8081A	8D16048	0.094	ND	0.943	4/16/2008	4/17/2008	C-2
beta-BHC	EPA 3510C/8081A	8D16048	0.094	ND	0.943	4/16/2008	4/17/2008	C-2
delta-BHC	EPA 3510C/8081A	8D16048	0.19	ND	0.943	4/16/2008	4/17/2008	
gamma-BHC (Lindane)	EPA 3510C/8081A	8D16048	0.094	ND	0.943	4/16/2008	4/17/2008	C-2
Chlordane	EPA 3510C/8081A	8D16048	0.94	ND	0.943	4/16/2008	4/17/2008	
2,4'-DDD	EPA 3510C/8081A	8D16048	0.094	ND	0.943	4/16/2008	4/17/2008	
2,4'-DDE	EPA 3510C/8081A	8D16048	0.094	ND	0.943	4/16/2008	4/17/2008	
2,4'-DDT	EPA 3510C/8081A	8D16048	0.094	ND	0.943	4/16/2008	4/17/2008	
4,4'-DDD	EPA 3510C/8081A	8D16048	0.094	ND	0.943	4/16/2008	4/17/2008	
4,4'-DDE	EPA 3510C/8081A	8D16048	0.094	ND	0.943	4/16/2008	4/17/2008	
4,4'-DDT	EPA 3510C/8081A	8D16048	0.094	ND	0.943	4/16/2008	4/17/2008	
Dieldrin	EPA 3510C/8081A	8D16048	0.094	ND	0.943	4/16/2008	4/17/2008	
Endosulfan I	EPA 3510C/8081A	8D16048	0.094	ND	0.943	4/16/2008	4/17/2008	
Endosulfan II	EPA 3510C/8081A	8D16048	0.094	ND	0.943	4/16/2008	4/17/2008	
Endosulfan sulfate	EPA 3510C/8081A	8D16048	0.19	ND	0.943	4/16/2008	4/17/2008	
Endrin	EPA 3510C/8081A	8D16048	0.094	ND	0.943	4/16/2008	4/17/2008	
Endrin aldehyde	EPA 3510C/8081A	8D16048	0.094	ND	0.943	4/16/2008	4/17/2008	
Endrin ketone	EPA 3510C/8081A	8D16048	0.094	ND	0.943	4/16/2008	4/17/2008	
Heptachlor	EPA 3510C/8081A	8D16048	0.094	ND	0.943	4/16/2008	4/17/2008	
Heptachlor epoxide	EPA 3510C/8081A	8D16048	0.094	ND	0.943	4/16/2008	4/17/2008	
Methoxychlor	EPA 3510C/8081A	8D16048	0.094	ND	0.943	4/16/2008	4/17/2008	
Toxaphene	EPA 3510C/8081A	8D16048	4.7	ND	0.943	4/16/2008	4/17/2008	
Surrogate: Tetrachloro-m-xylene (35-120%)				*86 %*				
Surrogate: Decachlorobiphenyl (45-120%)				*97 %*				

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Project ID: Transect Wells (Henderson)
TASK 0004 08-43100-01
Report Number: IRD1081

Sampled: 04/09/08
Received: 04/11/08

METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8D13003 Extracted: 04/13/08										
Blank Analyzed: 04/13/2008 (8D13003-BLK1)										
1,1,1,2-Tetrachloroethane	ND	5.0	ug/l							
1,1,1-Trichloroethane	ND	2.0	ug/l							
1,1,2,2-Tetrachloroethane	ND	2.0	ug/l							
1,1,2-Trichloroethane	ND	2.0	ug/l							
1,1-Dichloroethane	ND	2.0	ug/l							
1,1-Dichloroethene	ND	5.0	ug/l							
1,1-Dichloropropene	ND	2.0	ug/l							
1,2,3-Trichlorobenzene	ND	5.0	ug/l							
1,2,3-Trichloropropane	ND	10	ug/l							
1,2,4-Trichlorobenzene	ND	5.0	ug/l							
1,2,4-Trimethylbenzene	ND	2.0	ug/l							
1,2-Dichlorobenzene	ND	2.0	ug/l							
1,2-Dichloroethane	ND	2.0	ug/l							
1,2-Dichloropropane	ND	2.0	ug/l							
1,3,5-Trichlorobenzene	ND	2.0	ug/l							
1,3,5-Trimethylbenzene	ND	2.0	ug/l							
1,3-Dichlorobenzene	ND	2.0	ug/l							
1,3-Dichloropropane	ND	5.0	ug/l							
1,4-Dichlorobenzene	ND	2.0	ug/l							
2,2,3-Trimethylbutane	ND	2.0	ug/l							
2,2-Dichloropropane	ND	2.0	ug/l							
2,2-Dimethylpentane	ND	2.0	ug/l							
2,3-Dimethylpentane	ND	2.0	ug/l							
2,4-Dimethylpentane	ND	2.0	ug/l							
2-Butanone (MEK)	ND	10	ug/l							
2-Chlorotoluene	ND	5.0	ug/l							
2-Hexanone	ND	10	ug/l							
2-Methylhexane	ND	2.0	ug/l							
3,3-Dimethylpentane	ND	2.0	ug/l							
3-Ethylpentane	ND	2.0	ug/l							
3-Methylhexane	ND	2.0	ug/l							
4-Chlorotoluene	ND	5.0	ug/l							
4-Methyl-2-pentanone (MIBK)	ND	10	ug/l							
Acetone	ND	10	ug/l							
Benzene	ND	2.0	ug/l							
Bromobenzene	ND	5.0	ug/l							

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Report Number: IRD1081

Sampled: 04/09/08
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METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8D13003 Extracted: 04/13/08										
Blank Analyzed: 04/13/2008 (8D13003-BLK1)										
Bromochloromethane	ND	5.0	ug/l							
Bromodichloromethane	ND	2.0	ug/l							
Bromoform	ND	5.0	ug/l							
Bromomethane	ND	5.0	ug/l							
Carbon Disulfide	ND	5.0	ug/l							
Carbon tetrachloride	ND	5.0	ug/l							
Chlorobenzene	ND	2.0	ug/l							
Chloroethane	ND	5.0	ug/l							
Chloroform	ND	2.0	ug/l							
Chloromethane	ND	5.0	ug/l							
cis-1,2-Dichloroethene	ND	2.0	ug/l							
cis-1,3-Dichloropropene	ND	2.0	ug/l							
Dibromochloromethane	ND	2.0	ug/l							
Dibromomethane	ND	2.0	ug/l							
Dichlorodifluoromethane	ND	5.0	ug/l							
Dimethyl disulfide	ND	2.0	ug/l							
Ethylbenzene	ND	2.0	ug/l							
Hexachlorobutadiene	ND	5.0	ug/l							
Methyl-tert-butyl Ether (MTBE)	ND	5.0	ug/l							
Isopropylbenzene	ND	2.0	ug/l							
m,p-Xylenes	ND	2.0	ug/l							
Methylene chloride	ND	5.0	ug/l							
Naphthalene	ND	5.0	ug/l							
n-Butylbenzene	ND	2.0	ug/l							
n-Heptane	ND	5.0	ug/l							
Nonanal	ND	5.0	ug/l							
n-Propylbenzene	ND	2.0	ug/l							
o-Xylene	ND	2.0	ug/l							
p-Isopropyltoluene	ND	2.0	ug/l							
sec-Butylbenzene	ND	5.0	ug/l							
Styrene	ND	2.0	ug/l							
tert-Butylbenzene	ND	5.0	ug/l							
Tetrachloroethene	ND	2.0	ug/l							
Toluene	ND	2.0	ug/l							
trans-1,2-Dichloroethene	ND	2.0	ug/l							
trans-1,3-Dichloropropene	ND	2.0	ug/l							

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Report Number: IRD1081

Sampled: 04/09/08
Received: 04/11/08

METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8D13003 Extracted: 04/13/08										
Blank Analyzed: 04/13/2008 (8D13003-BLK1)										
Trichloroethene	ND	2.0	ug/l							
Trichlorofluoromethane	ND	5.0	ug/l							
Vinyl chloride	ND	2.0	ug/l							
Surrogate: 4-Bromofluorobenzene	*22.8*		*ug/l*	*25.0*		*91*	*80-120*			
Surrogate: Dibromofluoromethane	*26.2*		*ug/l*	*25.0*		*105*	*80-120*			
Surrogate: Toluene-d8	*23.6*		*ug/l*	*25.0*		*94*	*80-120*			
LCS Analyzed: 04/13/2008 (8D13003-BS1)										**MCP**
1,1,1,2-Tetrachloroethane	29.8	5.0	ug/l	25.0		119	70-130			
1,1,1-Trichloroethane	29.1	2.0	ug/l	25.0		117	65-135			
1,1,2,2-Tetrachloroethane	23.4	2.0	ug/l	25.0		94	55-130			
1,1,2-Trichloroethane	24.3	2.0	ug/l	25.0		97	70-125			
1,1-Dichloroethane	22.6	2.0	ug/l	25.0		90	70-125			
1,1-Dichloroethene	22.2	5.0	ug/l	25.0		89	70-125			
1,1-Dichloropropene	23.2	2.0	ug/l	25.0		93	75-130			
1,2,3-Trichlorobenzene	26.0	5.0	ug/l	25.0		104	65-125			
1,2,3-Trichloropropane	23.2	10	ug/l	25.0		93	60-130			
1,2,4-Trichlorobenzene	26.3	5.0	ug/l	25.0		105	70-135			
1,2,4-Trimethylbenzene	25.5	2.0	ug/l	25.0		102	75-125			
1,2-Dichlorobenzene	26.8	2.0	ug/l	25.0		107	75-120			
1,2-Dichloroethane	29.2	2.0	ug/l	25.0		117	60-140			
1,2-Dichloropropane	21.8	2.0	ug/l	25.0		87	70-125			
1,3,5-Trimethylbenzene	25.6	2.0	ug/l	25.0		103	75-125			
1,3-Dichlorobenzene	26.3	2.0	ug/l	25.0		105	75-120			
1,3-Dichloropropane	22.3	5.0	ug/l	25.0		89	70-120			
1,4-Dichlorobenzene	24.3	2.0	ug/l	25.0		97	75-120			
2,2-Dichloropropane	33.2	2.0	ug/l	25.0		133	65-140			
2-Butanone (MEK)	20.7	10	ug/l	25.0		83	40-140			
2-Chlorotoluene	24.5	5.0	ug/l	25.0		98	70-125			
2-Hexanone	20.8	10	ug/l	25.0		83	45-140			
4-Chlorotoluene	25.1	5.0	ug/l	25.0		100	75-125			
4-Methyl-2-pentanone (MIBK)	22.4	10	ug/l	25.0		90	45-140			
Acetone	25.8	10	ug/l	25.0		103	30-140			
Benzene	22.1	2.0	ug/l	25.0		89	70-120			
Bromobenzene	24.7	5.0	ug/l	25.0		99	75-120			
Bromochloromethane	28.6	5.0	ug/l	25.0		114	70-130			

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Amy Windham
Project Manager

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San Diego, CA 92106
Attention: Ed Modiano

Project ID: Transect Wells (Henderson)
TASK 0004 08-43100-01
Report Number: IRD1081

Sampled: 04/09/08
Received: 04/11/08

METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8D13003 Extracted: 04/13/08										
LCS Analyzed: 04/13/2008 (8D13003-BS1)										**MCP**
Bromodichloromethane	29.9	2.0	ug/l	25.0		120	70-135			
Bromoform	26.2	5.0	ug/l	25.0		105	55-130			
Bromomethane	23.9	5.0	ug/l	25.0		96	65-140			
Carbon Disulfide	22.4	5.0	ug/l	25.0		89	50-130			
Carbon tetrachloride	31.7	5.0	ug/l	25.0		127	65-140			
Chlorobenzene	24.9	2.0	ug/l	25.0		99	75-120			
Chloroethane	21.0	5.0	ug/l	25.0		84	60-140			
Chloroform	27.8	2.0	ug/l	25.0		111	70-130			
Chloromethane	22.4	5.0	ug/l	25.0		90	50-140			
cis-1,2-Dichloroethene	24.9	2.0	ug/l	25.0		100	70-125			
cis-1,3-Dichloropropene	21.8	2.0	ug/l	25.0		87	75-125			
Dibromochloromethane	29.8	2.0	ug/l	25.0		119	70-140			
Dibromomethane	26.4	2.0	ug/l	25.0		106	70-125			
Dichlorodifluoromethane	29.6	5.0	ug/l	25.0		118	35-155			
Ethylbenzene	25.0	2.0	ug/l	25.0		100	75-125			
Hexachlorobutadiene	26.1	5.0	ug/l	25.0		104	65-135			
Methyl-tert-butyl Ether (MTBE)	24.7	5.0	ug/l	25.0		99	60-135			
Isopropylbenzene	28.5	2.0	ug/l	25.0		114	75-130			
m,p-Xylenes	47.9	2.0	ug/l	50.0		96	75-125			
Methylene chloride	21.9	5.0	ug/l	25.0		88	55-130			
Naphthalene	28.4	5.0	ug/l	25.0		114	55-135			
n-Butylbenzene	25.0	2.0	ug/l	25.0		100	70-130			
n-Propylbenzene	24.7	2.0	ug/l	25.0		99	75-130			
o-Xylene	23.6	2.0	ug/l	25.0		94	75-125			
p-Isopropyltoluene	26.5	2.0	ug/l	25.0		106	75-125			
sec-Butylbenzene	25.1	5.0	ug/l	25.0		100	70-125			
Styrene	24.6	2.0	ug/l	25.0		98	75-130			
tert-Butylbenzene	26.0	5.0	ug/l	25.0		104	70-125			
Tetrachloroethene	23.6	2.0	ug/l	25.0		94	70-125			
Toluene	24.5	2.0	ug/l	25.0		98	70-120			
trans-1,2-Dichloroethene	24.7	2.0	ug/l	25.0		99	70-125			
trans-1,3-Dichloropropene	23.8	2.0	ug/l	25.0		95	70-125			
Trichloroethene	26.7	2.0	ug/l	25.0		107	70-125			
Trichlorofluoromethane	41.2	5.0	ug/l	25.0		165	65-145			*L*
Vinyl chloride	23.4	2.0	ug/l	25.0		94	55-135			
Surrogate: 4-Bromofluorobenzene	*23.6*		*ug/l*	*25.0*		*95*	*80-120*			

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Project Manager

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de Maximis, Inc. - San Diego
1322 Scott Street, Suite 101
San Diego, CA 92106
Attention: Ed Modiano

Project ID: Transect Wells (Henderson)
TASK 0004 08-43100-01
Report Number: IRD1081

Sampled: 04/09/08
Received: 04/11/08

METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8D13003 Extracted: 04/13/08										
LCS Analyzed: 04/13/2008 (8D13003-BS1)										**MCP**
Surrogate: Dibromofluoromethane	*26.8*		*ug/l*	*25.0*		*107*	*80-120*			
Surrogate: Toluene-d8	*23.9*		*ug/l*	*25.0*		*96*	*80-120*			
Matrix Spike Analyzed: 04/13/2008 (8D13003-MS1)					**Source: IRD0801-05**					
1,1,1,2-Tetrachloroethane	27.3	5.0	ug/l	25.0	ND	109	65-140			
1,1,1-Trichloroethane	24.6	2.0	ug/l	25.0	ND	98	65-140			
1,1,2,2-Tetrachloroethane	23.2	2.0	ug/l	25.0	ND	93	55-135			
1,1,2-Trichloroethane	24.6	2.0	ug/l	25.0	ND	98	65-130			
1,1-Dichloroethane	20.6	2.0	ug/l	25.0	ND	82	65-130			
1,1-Dichloroethene	19.5	5.0	ug/l	25.0	ND	78	60-130			
1,1-Dichloropropene	20.9	2.0	ug/l	25.0	ND	83	70-135			
1,2,3-Trichlorobenzene	22.5	5.0	ug/l	25.0	ND	90	60-135			
1,2,3-Trichloropropane	22.2	10	ug/l	25.0	ND	89	55-135			
1,2,4-Trichlorobenzene	23.2	5.0	ug/l	25.0	ND	93	65-135			
1,2,4-Trimethylbenzene	23.0	2.0	ug/l	25.0	ND	92	55-135			
1,2-Dichlorobenzene	52.0	2.0	ug/l	25.0	34800	-139000	75-125			*M2*
1,2-Dichloroethane	27.9	2.0	ug/l	25.0	ND	112	60-140			
1,2-Dichloropropane	21.5	2.0	ug/l	25.0	ND	86	65-130			
1,3,5-Trimethylbenzene	22.7	2.0	ug/l	25.0	ND	91	70-130			
1,3-Dichlorobenzene	25.3	2.0	ug/l	25.0	1380	-5420	75-125			
1,3-Dichloropropane	23.6	5.0	ug/l	25.0	ND	95	65-135			
1,4-Dichlorobenzene	52.2	2.0	ug/l	25.0	37100	-148000	75-125			*M2*
2,2-Dichloropropane	27.6	2.0	ug/l	25.0	ND	110	60-145			
2-Butanone (MEK)	21.6	10	ug/l	25.0	ND	87	30-145			
2-Chlorotoluene	21.3	5.0	ug/l	25.0	ND	85	65-135			
2-Hexanone	21.7	10	ug/l	25.0	ND	87	25-140			
4-Chlorotoluene	22.2	5.0	ug/l	25.0	ND	89	70-135			
4-Methyl-2-pentanone (MIBK)	22.8	10	ug/l	25.0	ND	91	40-140			
Acetone	24.2	10	ug/l	25.0	ND	97	20-150			
Benzene	22.8	2.0	ug/l	25.0	1870	-7390	65-125			
Bromobenzene	21.7	5.0	ug/l	25.0	ND	87	70-125			
Bromochloromethane	25.2	5.0	ug/l	25.0	ND	101	65-135			
Bromodichloromethane	28.3	2.0	ug/l	25.0	ND	113	70-135			
Bromoform	25.2	5.0	ug/l	25.0	ND	101	55-135			
Bromomethane	20.2	5.0	ug/l	25.0	ND	81	55-145			
Carbon Disulfide	20.0	5.0	ug/l	25.0	ND	80	40-140			

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Project ID: Transect Wells (Henderson)
TASK 0004 08-43100-01
Report Number: IRD1081

Sampled: 04/09/08
Received: 04/11/08

METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8D13003 Extracted: 04/13/08										
Matrix Spike Analyzed: 04/13/2008 (8D13003-MS1)					**Source: IRD0801-05**					
Carbon tetrachloride	26.8	5.0	ug/l	25.0	ND	107	65-140			
Chlorobenzene	46.7	2.0	ug/l	25.0	29300	-117000	75-125			*M2*
Chloroethane	18.0	5.0	ug/l	25.0	ND	72	55-140			
Chloroform	57.6	2.0	ug/l	25.0	40800	-163000	65-135			
Chloromethane	19.2	5.0	ug/l	25.0	ND	77	45-145			
cis-1,2-Dichloroethene	22.2	2.0	ug/l	25.0	ND	89	65-130			
cis-1,3-Dichloropropene	20.5	2.0	ug/l	25.0	ND	82	70-130			
Dibromochloromethane	28.9	2.0	ug/l	25.0	ND	116	65-140			
Dibromomethane	26.2	2.0	ug/l	25.0	ND	105	65-135			
Dichlorodifluoromethane	24.1	5.0	ug/l	25.0	ND	96	25-155			
Ethylbenzene	22.4	2.0	ug/l	25.0	ND	90	65-130			
Hexachlorobutadiene	23.3	5.0	ug/l	25.0	ND	93	60-135			
Methyl-tert-butyl Ether (MTBE)	23.2	5.0	ug/l	25.0	ND	93	55-145			
Isopropylbenzene	24.1	2.0	ug/l	25.0	ND	96	70-135			
m,p-Xylenes	44.6	2.0	ug/l	50.0	ND	89	65-130			
Methylene chloride	20.8	5.0	ug/l	25.0	ND	83	50-135			
Naphthalene	24.9	5.0	ug/l	25.0	ND	100	50-140			
n-Butylbenzene	22.5	2.0	ug/l	25.0	ND	90	65-135			
n-Propylbenzene	21.3	2.0	ug/l	25.0	ND	85	70-135			
o-Xylene	21.6	2.0	ug/l	25.0	ND	86	65-125			
p-Isopropyltoluene	23.7	2.0	ug/l	25.0	ND	95	65-130			
sec-Butylbenzene	22.4	5.0	ug/l	25.0	ND	90	70-125			
Styrene	23.4	2.0	ug/l	25.0	ND	94	50-145			
tert-Butylbenzene	23.2	5.0	ug/l	25.0	ND	93	65-130			
Tetrachloroethene	21.6	2.0	ug/l	25.0	ND	86	65-130			
Toluene	22.4	2.0	ug/l	25.0	ND	90	70-125			
trans-1,2-Dichloroethene	21.6	2.0	ug/l	25.0	ND	87	65-130			
trans-1,3-Dichloropropene	22.8	2.0	ug/l	25.0	ND	91	65-135			
Trichloroethene	23.3	2.0	ug/l	25.0	ND	93	65-125			
Trichlorofluoromethane	34.5	5.0	ug/l	25.0	ND	138	60-145			
Vinyl chloride	19.5	2.0	ug/l	25.0	ND	78	45-140			
Surrogate: 4-Bromofluorobenzene	*23.1*		*ug/l*	*25.0*		*93*	*80-120*			
Surrogate: Dibromofluoromethane	*25.5*		*ug/l*	*25.0*		*102*	*80-120*			
Surrogate: Toluene-d8	*23.3*		*ug/l*	*25.0*		*93*	*80-120*			

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Project ID: Transect Wells (Henderson)
TASK 0004 08-43100-01
Report Number: IRD1081

Sampled: 04/09/08
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METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8D14005 Extracted: 04/14/08										
Blank Analyzed: 04/14/2008 (8D14005-BLK1)										
1,1,1,2-Tetrachloroethane	ND	5.0	ug/l							
1,1,1-Trichloroethane	ND	2.0	ug/l							
1,1,2,2-Tetrachloroethane	ND	2.0	ug/l							
1,1,2-Trichloroethane	ND	2.0	ug/l							
1,1-Dichloroethane	ND	2.0	ug/l							
1,1-Dichloroethene	ND	5.0	ug/l							
1,1-Dichloropropene	ND	2.0	ug/l							
1,2,3-Trichlorobenzene	ND	5.0	ug/l							
1,2,3-Trichloropropane	ND	10	ug/l							
1,2,4-Trichlorobenzene	ND	5.0	ug/l							
1,2,4-Trimethylbenzene	ND	2.0	ug/l							
1,2-Dichlorobenzene	ND	2.0	ug/l							
1,2-Dichloroethane	ND	2.0	ug/l							
1,2-Dichloropropane	ND	2.0	ug/l							
1,3,5-Trichlorobenzene	ND	2.0	ug/l							
1,3,5-Trimethylbenzene	ND	2.0	ug/l							
1,3-Dichlorobenzene	ND	2.0	ug/l							
1,3-Dichloropropane	ND	5.0	ug/l							
1,4-Dichlorobenzene	ND	2.0	ug/l							
2,2,3-Trimethylbutane	ND	2.0	ug/l							
2,2-Dichloropropane	ND	2.0	ug/l							
2,2-Dimethylpentane	ND	2.0	ug/l							
2,3-Dimethylpentane	ND	2.0	ug/l							
2,4-Dimethylpentane	ND	2.0	ug/l							
2-Butanone (MEK)	ND	10	ug/l							
2-Chlorotoluene	ND	5.0	ug/l							
2-Hexanone	ND	10	ug/l							
2-Methylhexane	ND	2.0	ug/l							
3,3-Dimethylpentane	ND	2.0	ug/l							
3-Ethylpentane	ND	2.0	ug/l							
3-Methylhexane	ND	2.0	ug/l							
4-Chlorotoluene	ND	5.0	ug/l							
4-Methyl-2-pentanone (MIBK)	ND	10	ug/l							
Acetone	ND	10	ug/l							
Benzene	ND	2.0	ug/l							
Bromobenzene	ND	5.0	ug/l							

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METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8D14005 Extracted: 04/14/08										
Blank Analyzed: 04/14/2008 (8D14005-BLK1)										
Bromochloromethane	ND	5.0	ug/l							
Bromodichloromethane	ND	2.0	ug/l							
Bromoform	ND	5.0	ug/l							
Bromomethane	ND	5.0	ug/l							
Carbon Disulfide	ND	5.0	ug/l							
Carbon tetrachloride	ND	5.0	ug/l							
Chlorobenzene	ND	2.0	ug/l							
Chloroethane	ND	5.0	ug/l							
Chloroform	ND	2.0	ug/l							
Chloromethane	ND	5.0	ug/l							
cis-1,2-Dichloroethene	ND	2.0	ug/l							
cis-1,3-Dichloropropene	ND	2.0	ug/l							
Dibromochloromethane	ND	2.0	ug/l							
Dibromomethane	ND	2.0	ug/l							
Dichlorodifluoromethane	ND	5.0	ug/l							
Dimethyl disulfide	ND	2.0	ug/l							
Ethylbenzene	ND	2.0	ug/l							
Hexachlorobutadiene	ND	5.0	ug/l							
Methyl-tert-butyl Ether (MTBE)	ND	5.0	ug/l							
Isopropylbenzene	ND	2.0	ug/l							
m,p-Xylenes	ND	2.0	ug/l							
Methylene chloride	ND	5.0	ug/l							
Naphthalene	ND	5.0	ug/l							
n-Butylbenzene	ND	2.0	ug/l							
n-Heptane	ND	5.0	ug/l							
Nonanal	ND	5.0	ug/l							
n-Propylbenzene	ND	2.0	ug/l							
o-Xylene	ND	2.0	ug/l							
p-Isopropyltoluene	ND	2.0	ug/l							
sec-Butylbenzene	ND	5.0	ug/l							
Styrene	ND	2.0	ug/l							
tert-Butylbenzene	ND	5.0	ug/l							
Tetrachloroethene	ND	2.0	ug/l							
Toluene	ND	2.0	ug/l							
trans-1,2-Dichloroethene	ND	2.0	ug/l							
trans-1,3-Dichloropropene	ND	2.0	ug/l							

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TASK 0004 08-43100-01
Report Number: IRD1081

Sampled: 04/09/08
Received: 04/11/08

METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8D14005 Extracted: 04/14/08										
Blank Analyzed: 04/14/2008 (8D14005-BLK1)										
Trichloroethene	ND	2.0	ug/l							
Trichlorofluoromethane	ND	5.0	ug/l							
Vinyl chloride	ND	2.0	ug/l							
Surrogate: 4-Bromofluorobenzene	*24.1*		*ug/l*	*25.0*		*97*	*80-120*			
Surrogate: Dibromofluoromethane	*26.0*		*ug/l*	*25.0*		*104*	*80-120*			
Surrogate: Toluene-d8	*24.3*		*ug/l*	*25.0*		*97*	*80-120*			
LCS Analyzed: 04/14/2008 (8D14005-BS1)										
1,1,1,2-Tetrachloroethane	26.1	5.0	ug/l	25.0		104	70-130			
1,1,1-Trichloroethane	28.4	2.0	ug/l	25.0		114	65-135			
1,1,2,2-Tetrachloroethane	26.0	2.0	ug/l	25.0		104	55-130			
1,1,2-Trichloroethane	26.2	2.0	ug/l	25.0		105	70-125			
1,1-Dichloroethane	26.8	2.0	ug/l	25.0		107	70-125			
1,1-Dichloroethene	20.6	5.0	ug/l	25.0		82	70-125			
1,1-Dichloropropene	25.7	2.0	ug/l	25.0		103	75-130			
1,2,3-Trichlorobenzene	27.4	5.0	ug/l	25.0		110	65-125			
1,2,3-Trichloropropane	26.3	10	ug/l	25.0		105	60-130			
1,2,4-Trichlorobenzene	26.7	5.0	ug/l	25.0		107	70-135			
1,2,4-Trimethylbenzene	26.0	2.0	ug/l	25.0		104	75-125			
1,2-Dichlorobenzene	26.4	2.0	ug/l	25.0		106	75-120			
1,2-Dichloroethane	29.6	2.0	ug/l	25.0		118	60-140			
1,2-Dichloropropane	25.1	2.0	ug/l	25.0		101	70-125			
1,3,5-Trimethylbenzene	26.4	2.0	ug/l	25.0		106	75-125			
1,3-Dichlorobenzene	26.0	2.0	ug/l	25.0		104	75-120			
1,3-Dichloropropane	26.7	5.0	ug/l	25.0		107	70-120			
1,4-Dichlorobenzene	23.6	2.0	ug/l	25.0		94	75-120			
2,2-Dichloropropane	26.8	2.0	ug/l	25.0		107	65-140			
2-Butanone (MEK)	28.5	10	ug/l	25.0		114	40-140			
2-Chlorotoluene	26.6	5.0	ug/l	25.0		106	70-125			
2-Hexanone	26.1	10	ug/l	25.0		104	45-140			
4-Chlorotoluene	27.3	5.0	ug/l	25.0		109	75-125			
4-Methyl-2-pentanone (MIBK)	26.5	10	ug/l	25.0		106	45-140			
Acetone	24.0	10	ug/l	25.0		96	30-140			
Benzene	24.8	2.0	ug/l	25.0		99	70-120			
Bromobenzene	25.5	5.0	ug/l	25.0		102	75-120			
Bromochloromethane	26.3	5.0	ug/l	25.0		105	70-130			

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Amy Windham
Project Manager

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de Maximis, Inc. - San Diego
1322 Scott Street, Suite 101
San Diego, CA 92106
Attention: Ed Modiano

Project ID: Transect Wells (Henderson)
TASK 0004 08-43100-01
Report Number: IRD1081

Sampled: 04/09/08
Received: 04/11/08

METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8D14005 Extracted: 04/14/08										
LCS Analyzed: 04/14/2008 (8D14005-BS1)										
Bromodichloromethane	29.4	2.0	ug/l	25.0		118	70-135			
Bromoform	23.1	5.0	ug/l	25.0		92	55-130			
Bromomethane	25.6	5.0	ug/l	25.0		102	65-140			
Carbon Disulfide	26.2	5.0	ug/l	25.0		105	50-130			
Carbon tetrachloride	28.0	5.0	ug/l	25.0		112	65-140			
Chlorobenzene	26.2	2.0	ug/l	25.0		105	75-120			
Chloroethane	26.4	5.0	ug/l	25.0		105	60-140			
Chloroform	28.9	2.0	ug/l	25.0		115	70-130			
Chloromethane	23.7	5.0	ug/l	25.0		95	50-140			
cis-1,2-Dichloroethene	25.5	2.0	ug/l	25.0		102	70-125			
cis-1,3-Dichloropropene	24.2	2.0	ug/l	25.0		97	75-125			
Dibromochloromethane	27.9	2.0	ug/l	25.0		112	70-140			
Dibromomethane	26.8	2.0	ug/l	25.0		107	70-125			
Dichlorodifluoromethane	27.5	5.0	ug/l	25.0		110	35-155			
Ethylbenzene	27.0	2.0	ug/l	25.0		108	75-125			
Hexachlorobutadiene	26.8	5.0	ug/l	25.0		107	65-135			
Methyl-tert-butyl Ether (MTBE)	27.6	5.0	ug/l	25.0		111	60-135			
Isopropylbenzene	29.8	2.0	ug/l	25.0		119	75-130			
m,p-Xylenes	50.8	2.0	ug/l	50.0		102	75-125			
Methylene chloride	23.5	5.0	ug/l	25.0		94	55-130			
Naphthalene	26.8	5.0	ug/l	25.0		107	55-135			
n-Butylbenzene	25.3	2.0	ug/l	25.0		101	70-130			
n-Propylbenzene	26.5	2.0	ug/l	25.0		106	75-130			
o-Xylene	26.0	2.0	ug/l	25.0		104	75-125			
p-Isopropyltoluene	25.0	2.0	ug/l	25.0		100	75-125			
sec-Butylbenzene	25.2	5.0	ug/l	25.0		101	70-125			
Styrene	25.8	2.0	ug/l	25.0		103	75-130			
tert-Butylbenzene	26.3	5.0	ug/l	25.0		105	70-125			
Tetrachloroethene	24.6	2.0	ug/l	25.0		99	70-125			
Toluene	25.8	2.0	ug/l	25.0		103	70-120			
trans-1,2-Dichloroethene	25.7	2.0	ug/l	25.0		103	70-125			
trans-1,3-Dichloropropene	25.2	2.0	ug/l	25.0		101	70-125			
Trichloroethene	25.5	2.0	ug/l	25.0		102	70-125			
Trichlorofluoromethane	30.4	5.0	ug/l	25.0		122	65-145			
Vinyl chloride	27.4	2.0	ug/l	25.0		110	55-135			
Surrogate: 4-Bromofluorobenzene	*24.4*		*ug/l*	*25.0*		*98*	*80-120*			

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Project Manager

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Attention: Ed Modiano

Project ID: Transect Wells (Henderson)
TASK 0004 08-43100-01
Report Number: IRD1081

Sampled: 04/09/08
Received: 04/11/08

METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8D14005 Extracted: 04/14/08										
LCS Analyzed: 04/14/2008 (8D14005-BS1)										
Surrogate: Dibromofluoromethane	*24.9*		*ug/l*	*25.0*		*100*	*80-120*			
Surrogate: Toluene-d8	*24.0*		*ug/l*	*25.0*		*96*	*80-120*			
Matrix Spike Analyzed: 04/14/2008 (8D14005-MS1)					**Source: IRD1081-04**					
1,1,1,2-Tetrachloroethane	25.2	5.0	ug/l	25.0	ND	101	65-140			
1,1,1-Trichloroethane	26.7	2.0	ug/l	25.0	ND	107	65-140			
1,1,2,2-Tetrachloroethane	25.7	2.0	ug/l	25.0	ND	103	55-135			
1,1,2-Trichloroethane	25.9	2.0	ug/l	25.0	ND	104	65-130			
1,1-Dichloroethane	26.8	2.0	ug/l	25.0	1.55	101	65-130			
1,1-Dichloroethene	20.3	5.0	ug/l	25.0	ND	81	60-130			
1,1-Dichloropropene	24.7	2.0	ug/l	25.0	ND	99	70-135			
1,2,3-Trichlorobenzene	29.0	5.0	ug/l	25.0	1.76	109	60-135			
1,2,3-Trichloropropane	25.8	10	ug/l	25.0	ND	103	55-135			
1,2,4-Trichlorobenzene	34.1	5.0	ug/l	25.0	7.55	106	65-135			
1,2,4-Trimethylbenzene	24.5	2.0	ug/l	25.0	ND	98	55-135			
1,2-Dichlorobenzene	32.3	2.0	ug/l	25.0	7.67	99	75-125			
1,2-Dichloroethane	29.6	2.0	ug/l	25.0	0.650	116	60-140			
1,2-Dichloropropane	23.7	2.0	ug/l	25.0	ND	95	65-130			
1,3,5-Trimethylbenzene	23.0	2.0	ug/l	25.0	ND	92	70-130			
1,3-Dichlorobenzene	24.9	2.0	ug/l	25.0	0.530	97	75-125			
1,3-Dichloropropane	26.3	5.0	ug/l	25.0	ND	105	65-135			
1,4-Dichlorobenzene	33.0	2.0	ug/l	25.0	11.2	87	75-125			
2,2-Dichloropropane	26.1	2.0	ug/l	25.0	ND	104	60-145			
2-Butanone (MEK)	27.9	10	ug/l	25.0	ND	111	30-145			
2-Chlorotoluene	25.1	5.0	ug/l	25.0	ND	100	65-135			
2-Hexanone	26.3	10	ug/l	25.0	ND	105	25-140			
4-Chlorotoluene	25.8	5.0	ug/l	25.0	ND	103	70-135			
4-Methyl-2-pentanone (MIBK)	26.9	10	ug/l	25.0	ND	108	40-140			
Acetone	22.5	10	ug/l	25.0	ND	90	20-150			
Benzene	24.2	2.0	ug/l	25.0	0.390	95	65-125			
Bromobenzene	23.9	5.0	ug/l	25.0	ND	96	70-125			
Bromochloromethane	25.5	5.0	ug/l	25.0	ND	102	65-135			
Bromodichloromethane	28.3	2.0	ug/l	25.0	ND	113	70-135			
Bromoform	22.8	5.0	ug/l	25.0	ND	91	55-135			
Bromomethane	22.8	5.0	ug/l	25.0	ND	91	55-145			
Carbon Disulfide	24.0	5.0	ug/l	25.0	ND	96	40-140			

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Attention: Ed Modiano

Project ID: Transect Wells (Henderson)
TASK 0004 08-43100-01
Report Number: IRD1081

Sampled: 04/09/08
Received: 04/11/08

METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8D14005 Extracted: 04/14/08										
Matrix Spike Analyzed: 04/14/2008 (8D14005-MS1)					**Source: IRD1081-04**					
Carbon tetrachloride	26.3	5.0	ug/l	25.0	ND	105	65-140			
Chlorobenzene	43.4	2.0	ug/l	25.0	19.6	95	75-125			
Chloroethane	23.9	5.0	ug/l	25.0	ND	95	55-140			
Chloroform	35.5	2.0	ug/l	25.0	7.91	110	65-135			
Chloromethane	20.2	5.0	ug/l	25.0	ND	81	45-145			
cis-1,2-Dichloroethene	24.6	2.0	ug/l	25.0	ND	98	65-130			
cis-1,3-Dichloropropene	23.4	2.0	ug/l	25.0	ND	94	70-130			
Dibromochloromethane	27.6	2.0	ug/l	25.0	ND	110	65-140			
Dibromomethane	26.6	2.0	ug/l	25.0	ND	106	65-135			
Dichlorodifluoromethane	20.8	5.0	ug/l	25.0	ND	83	25-155			
Ethylbenzene	26.0	2.0	ug/l	25.0	ND	104	65-130			
Hexachlorobutadiene	25.6	5.0	ug/l	25.0	ND	102	60-135			
Methyl-tert-butyl Ether (MTBE)	26.8	5.0	ug/l	25.0	ND	107	55-145			
Isopropylbenzene	27.8	2.0	ug/l	25.0	ND	111	70-135			
m,p-Xylenes	49.2	2.0	ug/l	50.0	ND	98	65-130			
Methylene chloride	22.5	5.0	ug/l	25.0	ND	90	50-135			
Naphthalene	27.5	5.0	ug/l	25.0	ND	110	50-140			
n-Butylbenzene	24.1	2.0	ug/l	25.0	ND	96	65-135			
n-Propylbenzene	24.8	2.0	ug/l	25.0	ND	99	70-135			
o-Xylene	24.9	2.0	ug/l	25.0	ND	100	65-125			
p-Isopropyltoluene	23.4	2.0	ug/l	25.0	ND	94	65-130			
sec-Butylbenzene	23.6	5.0	ug/l	25.0	ND	94	70-125			
Styrene	0.750	2.0	ug/l	25.0	ND	3	50-145			*M2*
tert-Butylbenzene	24.4	5.0	ug/l	25.0	ND	98	65-130			
Tetrachloroethene	24.0	2.0	ug/l	25.0	ND	96	65-130			
Toluene	24.4	2.0	ug/l	25.0	ND	98	70-125			
trans-1,2-Dichloroethene	24.4	2.0	ug/l	25.0	ND	98	65-130			
trans-1,3-Dichloropropene	24.2	2.0	ug/l	25.0	ND	97	65-135			
Trichloroethene	24.5	2.0	ug/l	25.0	0.380	96	65-125			
Trichlorofluoromethane	27.2	5.0	ug/l	25.0	ND	109	60-145			
Vinyl chloride	23.7	2.0	ug/l	25.0	ND	95	45-140			
Surrogate: 4-Bromofluorobenzene	*24.6*		*ug/l*	*25.0*		*98*	*80-120*			
Surrogate: Dibromofluoromethane	*25.4*		*ug/l*	*25.0*		*101*	*80-120*			
Surrogate: Toluene-d8	*24.0*		*ug/l*	*25.0*		*96*	*80-120*			

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Attention: Ed Modiano

Project ID: Transect Wells (Henderson)
TASK 0004 08-43100-01
Report Number: IRD1081

Sampled: 04/09/08
Received: 04/11/08

METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8D14005 Extracted: 04/14/08										
Matrix Spike Dup Analyzed: 04/14/2008 (8D14005-MSD1)					**Source: IRD1081-04**					
1,1,1,2-Tetrachloroethane	25.1	5.0	ug/l	25.0	ND	101	65-140	1	20	
1,1,1-Trichloroethane	26.7	2.0	ug/l	25.0	ND	107	65-140	0	20	
1,1,2,2-Tetrachloroethane	29.0	2.0	ug/l	25.0	ND	116	55-135	12	30	
1,1,2-Trichloroethane	27.4	2.0	ug/l	25.0	ND	109	65-130	6	25	
1,1-Dichloroethane	26.9	2.0	ug/l	25.0	1.55	101	65-130	0	20	
1,1-Dichloroethene	20.9	5.0	ug/l	25.0	ND	84	60-130	3	20	
1,1-Dichloropropene	24.3	2.0	ug/l	25.0	ND	97	70-135	2	20	
1,2,3-Trichlorobenzene	29.9	5.0	ug/l	25.0	1.76	112	60-135	3	20	
1,2,3-Trichloropropane	29.0	10	ug/l	25.0	ND	116	55-135	12	30	
1,2,4-Trichlorobenzene	34.1	5.0	ug/l	25.0	7.55	106	65-135	0	20	
1,2,4-Trimethylbenzene	24.7	2.0	ug/l	25.0	ND	99	55-135	1	25	
1,2-Dichlorobenzene	33.3	2.0	ug/l	25.0	7.67	102	75-125	3	20	
1,2-Dichloroethane	29.9	2.0	ug/l	25.0	0.650	117	60-140	1	20	
1,2-Dichloropropane	24.4	2.0	ug/l	25.0	ND	97	65-130	3	20	
1,3,5-Trimethylbenzene	21.5	2.0	ug/l	25.0	ND	86	70-130	7	20	
1,3-Dichlorobenzene	25.8	2.0	ug/l	25.0	0.530	101	75-125	3	20	
1,3-Dichloropropane	27.4	5.0	ug/l	25.0	ND	110	65-135	4	25	
1,4-Dichlorobenzene	33.3	2.0	ug/l	25.0	11.2	88	75-125	1	20	
2,2-Dichloropropane	25.8	2.0	ug/l	25.0	ND	103	60-145	1	25	
2-Butanone (MEK)	33.0	10	ug/l	25.0	ND	132	30-145	17	40	
2-Chlorotoluene	25.4	5.0	ug/l	25.0	ND	102	65-135	1	20	
2-Hexanone	31.6	10	ug/l	25.0	ND	126	25-140	18	35	
4-Chlorotoluene	26.1	5.0	ug/l	25.0	ND	104	70-135	1	20	
4-Methyl-2-pentanone (MIBK)	31.5	10	ug/l	25.0	ND	126	40-140	16	35	
Acetone	26.3	10	ug/l	25.0	ND	105	20-150	16	35	
Benzene	23.9	2.0	ug/l	25.0	0.390	94	65-125	1	20	
Bromobenzene	24.4	5.0	ug/l	25.0	ND	98	70-125	2	20	
Bromochloromethane	26.4	5.0	ug/l	25.0	ND	106	65-135	3	25	
Bromodichloromethane	28.6	2.0	ug/l	25.0	ND	114	70-135	1	20	
Bromoform	24.8	5.0	ug/l	25.0	ND	99	55-135	8	25	
Bromomethane	23.6	5.0	ug/l	25.0	ND	94	55-145	3	25	
Carbon Disulfide	23.9	5.0	ug/l	25.0	ND	96	40-140	1	20	
Carbon tetrachloride	26.2	5.0	ug/l	25.0	ND	105	65-140	0	25	
Chlorobenzene	43.2	2.0	ug/l	25.0	19.6	95	75-125	0	20	
Chloroethane	24.6	5.0	ug/l	25.0	ND	98	55-140	3	25	
Chloroform	35.1	2.0	ug/l	25.0	7.91	109	65-135	1	20	

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METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8D14005 Extracted: 04/14/08										
Matrix Spike Dup Analyzed: 04/14/2008 (8D14005-MSD1)					**Source: IRD1081-04**					
Chloromethane	20.8	5.0	ug/l	25.0	ND	83	45-145	3	25	
cis-1,2-Dichloroethene	24.5	2.0	ug/l	25.0	ND	98	65-130	0	20	
cis-1,3-Dichloropropene	24.0	2.0	ug/l	25.0	ND	96	70-130	2	20	
Dibromochloromethane	28.6	2.0	ug/l	25.0	ND	114	65-140	4	25	
Dibromomethane	27.5	2.0	ug/l	25.0	ND	110	65-135	3	25	
Dichlorodifluoromethane	20.9	5.0	ug/l	25.0	ND	84	25-155	1	30	
Ethylbenzene	25.6	2.0	ug/l	25.0	ND	102	65-130	2	20	
Hexachlorobutadiene	25.4	5.0	ug/l	25.0	ND	101	60-135	1	20	
Methyl-tert-butyl Ether (MTBE)	29.2	5.0	ug/l	25.0	ND	117	55-145	8	25	
Isopropylbenzene	28.2	2.0	ug/l	25.0	ND	113	70-135	1	20	
m,p-Xylenes	48.9	2.0	ug/l	50.0	ND	98	65-130	1	25	
Methylene chloride	22.5	5.0	ug/l	25.0	ND	90	50-135	0	20	
Naphthalene	30.4	5.0	ug/l	25.0	ND	122	50-140	10	30	
n-Butylbenzene	23.9	2.0	ug/l	25.0	ND	96	65-135	1	20	
n-Propylbenzene	25.3	2.0	ug/l	25.0	ND	101	70-135	2	20	
o-Xylene	24.6	2.0	ug/l	25.0	ND	98	65-125	1	20	
p-Isopropyltoluene	23.6	2.0	ug/l	25.0	ND	94	65-130	1	20	
sec-Butylbenzene	23.6	5.0	ug/l	25.0	ND	95	70-125	0	20	
Styrene	0.740	2.0	ug/l	25.0	ND	3	50-145	1	30	*M2*
tert-Butylbenzene	24.5	5.0	ug/l	25.0	ND	98	65-130	0	20	
Tetrachloroethene	23.4	2.0	ug/l	25.0	ND	94	65-130	3	20	
Toluene	24.4	2.0	ug/l	25.0	ND	98	70-125	0	20	
trans-1,2-Dichloroethene	24.6	2.0	ug/l	25.0	ND	98	65-130	1	20	
trans-1,3-Dichloropropene	25.4	2.0	ug/l	25.0	ND	102	65-135	5	25	
Trichloroethene	24.4	2.0	ug/l	25.0	0.380	96	65-125	0	20	
Trichlorofluoromethane	27.5	5.0	ug/l	25.0	ND	110	60-145	1	25	
Vinyl chloride	24.4	2.0	ug/l	25.0	ND	97	45-140	3	30	
Surrogate: 4-Bromofluorobenzene	*24.6*		*ug/l*	*25.0*		*98*	*80-120*			
Surrogate: Dibromofluoromethane	*25.5*		*ug/l*	*25.0*		*102*	*80-120*			
Surrogate: Toluene-d8	*23.8*		*ug/l*	*25.0*		*95*	*80-120*			

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Amy Windham
Project Manager

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TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

17461 Derian Avenue. Suite 100, Irvine, CA 92614 (949) 261-1022 Fax:(949) 260-3297

de Maximis, Inc. - San Diego
1322 Scott Street, Suite 101
San Diego, CA 92106
Attention: Ed Modiano

Project ID: Transect Wells (Henderson)
TASK 0004 08-43100-01
Report Number: IRD1081

Sampled: 04/09/08
Received: 04/11/08

METHOD BLANK/QC DATA

ORGANOCHLORINE PESTICIDES (EPA 3510C/8081A)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8D16048 Extracted: 04/16/08										
Blank Analyzed: 04/16/2008 (8D16048-BLK1)										
Aldrin	ND	0.10	ug/l							
alpha-BHC	ND	0.10	ug/l							
beta-BHC	ND	0.10	ug/l							
delta-BHC	ND	0.20	ug/l							
gamma-BHC (Lindane)	ND	0.10	ug/l							
Chlordane	ND	1.0	ug/l							
2,4'-DDD	ND	0.10	ug/l							
2,4'-DDE	ND	0.10	ug/l							
2,4'-DDT	ND	0.10	ug/l							
4,4'-DDD	ND	0.10	ug/l							
4,4'-DDE	ND	0.10	ug/l							
4,4'-DDT	ND	0.10	ug/l							
Dieldrin	ND	0.10	ug/l							
Endosulfan I	ND	0.10	ug/l							
Endosulfan II	ND	0.10	ug/l							
Endosulfan sulfate	ND	0.20	ug/l							
Endrin	ND	0.10	ug/l							
Endrin aldehyde	ND	0.10	ug/l							
Endrin ketone	ND	0.10	ug/l							
Heptachlor	ND	0.10	ug/l							
Heptachlor epoxide	ND	0.10	ug/l							
Methoxychlor	ND	0.10	ug/l							
Toxaphene	ND	5.0	ug/l							
Surrogate: Tetrachloro-m-xylene	*0.391*		*ug/l*	*0.500*		*78*	*35-120*			
Surrogate: Decachlorobiphenyl	*0.450*		*ug/l*	*0.500*		*90*	*45-120*			
LCS Analyzed: 04/16/2008 (8D16048-BS1)										**MNR**
Aldrin	0.389	0.10	ug/l	0.500		78	40-115			
alpha-BHC	0.415	0.10	ug/l	0.500		83	45-115			
beta-BHC	0.419	0.10	ug/l	0.500		84	55-115			
delta-BHC	0.424	0.20	ug/l	0.500		85	55-115			
gamma-BHC (Lindane)	0.427	0.10	ug/l	0.500		85	45-115			
2,4'-DDD	0.410	0.10	ug/l	0.500		82	55-120			
2,4'-DDE	0.393	0.10	ug/l	0.500		79	50-120			
2,4'-DDT	0.413	0.10	ug/l	0.500		83	55-120			
4,4'-DDD	0.458	0.10	ug/l	0.500		92	55-120			

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Project Manager

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Attention: Ed Modiano

Project ID: Transect Wells (Henderson)
TASK 0004 08-43100-01
Report Number: IRD1081

Sampled: 04/09/08
Received: 04/11/08

METHOD BLANK/QC DATA

ORGANOCHLORINE PESTICIDES (EPA 3510C/8081A)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8D16048 Extracted: 04/16/08										
LCS Analyzed: 04/16/2008 (8D16048-BS1)										**MNR**
4,4'-DDE	0.410	0.10	ug/l	0.500		82	50-120			
4,4'-DDT	0.424	0.10	ug/l	0.500		85	55-120			
Dieldrin	0.405	0.10	ug/l	0.500		81	55-115			
Endosulfan I	0.385	0.10	ug/l	0.500		77	55-115			
Endosulfan II	0.322	0.10	ug/l	0.500		64	55-120			
Endosulfan sulfate	0.424	0.20	ug/l	0.500		85	60-120			
Endrin	0.416	0.10	ug/l	0.500		83	55-115			
Endrin aldehyde	0.441	0.10	ug/l	0.500		88	50-120			
Endrin ketone	0.422	0.10	ug/l	0.500		84	55-120			
Heptachlor	0.395	0.10	ug/l	0.500		79	45-115			
Heptachlor epoxide	0.398	0.10	ug/l	0.500		80	55-115			
Methoxychlor	0.421	0.10	ug/l	0.500		84	60-120			
Surrogate: Tetrachloro-m-xylene	*0.391*		*ug/l*	*0.500*		*78*	*35-120*			
Surrogate: Decachlorobiphenyl	*0.448*		*ug/l*	*0.500*		*90*	*45-120*			
LCS Dup Analyzed: 04/16/2008 (8D16048-BSD1)										
Aldrin	0.424	0.10	ug/l	0.500		85	40-115	8	30	
alpha-BHC	0.453	0.10	ug/l	0.500		91	45-115	9	30	
beta-BHC	0.458	0.10	ug/l	0.500		92	55-115	9	30	
delta-BHC	0.469	0.20	ug/l	0.500		94	55-115	10	30	
gamma-BHC (Lindane)	0.466	0.10	ug/l	0.500		93	45-115	9	30	
2,4'-DDD	0.446	0.10	ug/l	0.500		89	55-120	8	30	
2,4'-DDE	0.430	0.10	ug/l	0.500		86	50-120	9	30	
2,4'-DDT	0.444	0.10	ug/l	0.500		89	55-120	7	30	
4,4'-DDD	0.498	0.10	ug/l	0.500		100	55-120	8	30	
4,4'-DDE	0.446	0.10	ug/l	0.500		89	50-120	8	30	
4,4'-DDT	0.448	0.10	ug/l	0.500		90	55-120	5	30	
Dieldrin	0.437	0.10	ug/l	0.500		87	55-115	8	30	
Endosulfan I	0.415	0.10	ug/l	0.500		83	55-115	8	30	
Endosulfan II	0.349	0.10	ug/l	0.500		70	55-120	8	30	
Endosulfan sulfate	0.458	0.20	ug/l	0.500		92	60-120	8	30	
Endrin	0.437	0.10	ug/l	0.500		87	55-115	5	30	
Endrin aldehyde	0.485	0.10	ug/l	0.500		97	50-120	10	30	
Endrin ketone	0.463	0.10	ug/l	0.500		93	55-120	9	30	
Heptachlor	0.433	0.10	ug/l	0.500		87	45-115	9	30	
Heptachlor epoxide	0.431	0.10	ug/l	0.500		86	55-115	8	30	

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Project Manager

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de Maximis, Inc. - San Diego 1322 Scott Street, Suite 101 San Diego, CA 92106 Attention: Ed Modiano	Project ID: Transect Wells (Henderson) TASK 0004 08-43100-01 Report Number: IRD1081	Sampled: 04/09/08 Received: 04/11/08

METHOD BLANK/QC DATA

ORGANOCHLORINE PESTICIDES (EPA 3510C/8081A)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8D16048 Extracted: 04/16/08										
LCS Dup Analyzed: 04/16/2008 (8D16048-BSD1)										
Methoxychlor	0.448	0.10	ug/l	0.500		90	60-120	6	30	
Surrogate: Tetrachloro-m-xylene	*0.419*		*ug/l*	*0.500*		*84*	*35-120*			
Surrogate: Decachlorobiphenyl	*0.475*		*ug/l*	*0.500*		*95*	*45-120*			

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1322 Scott Street, Suite 101
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Attention: Ed Modiano

Project ID: Transect Wells (Henderson)
TASK 0004 08-43100-01
Report Number: IRD1081

Sampled: 04/09/08
Received: 04/11/08

GC CALIBRATION CHECK CRITERIA

Per Method 8000B of SW-846, the percent recovery of the calibration checks for GC analyses must be within ± 15% from the true value for each individual compound or the average % recovery of all compounds in the calibration check solution must be within ± 15% recovery. Per Method 8000B, the end user is to be notified if the latter situation occurs.

The % recovery for the following individual compounds fell outside the ± 15% criteria, however the average % recovery of all compounds in the calibration check solution was within ± 15%, thus meeting the overall calibration check criteria.

Compound	Footnote	Calibration Check % Recovery	Lab Number	Batch
alpha-BHC	2	84	IRD1081-10	8D16048
beta-BHC	2	66	IRD1081-10	8D16048
gamma-BHC (Lindane)	2	70	IRD1081-10	8D16048

Footnotes:

1 The calibration demonstrated a high bias for this compound. Samples were flagged to indicate a possible high bias in the result for this compound.

2 The calibration demonstrated a low bias for this compound. Samples were flagged to indicate a possible low bias in the result for this compound.

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DATA QUALIFIERS AND DEFINITIONS

C-2	Calibration Verification recovery was below the method control limit for this analyte, however the average % difference for all analytes met method criteria. See Calibration Summary form.
L	Laboratory Control Sample and/or Laboratory Control Sample Duplicate recovery was above the acceptance limits. Analyte not detected, data not impacted.
M2	The MS and/or MSD were below the acceptance limits due to sample matrix interference. See Blank Spike (LCS).
MCP	No results were reported for the MS and/or MSD due to a clogged autosampler port. Batch was accepted based on Blank Spike (LCS) recoveries.
MNR	No results were reported for the MS/MSD. The sample used for the MS/MSD required dilution due to the sample matrix. Because of this, the spike compounds were diluted below the detection limit.
Z3	The sample required a dilution due to the nature of the sample matrix. Because of this dilution, the surrogate spike concentration in the sample was reduced to a level where the recovery calculation does not provide useful information.
ND	Analyte NOT DETECTED at or above the reporting limit or MDL, if MDL is specified.
RPD	Relative Percent Difference

ADDITIONAL COMMENTS

For 8260 analyses:

Due to the high water solubility of alcohols and ketones, the calibration criteria for these compounds is <30% RSD. The average % RSD of all compounds in the calibration is 15%, in accordance with EPA methods.

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de Maximis, Inc. - San Diego 1322 Scott Street, Suite 101 San Diego, CA 92106 Attention: Ed Modiano	Project ID: Transect Wells (Henderson) TASK 0004 08-43100-01 Report Number: IRD1081	Sampled: 04/09/08 Received: 04/11/08

Certification Summary

TestAmerica Irvine

Method	Matrix	Nelac	Nevada
EPA 3510C/8081A	Water	X	
EPA 8260B	Water	X	X
MS/MSD	Water		

Nevada and NELAP provide analyte specific accreditations. Analyte specific information for TestAmerica may be obtained by contacting the laboratory or visiting our website at www.testamericainc.com

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Project Manager

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(AL 00130100)

CHAIN OF CUSTODY FORM

1014 E. Cooley Dr., Suite A, Colton, CA 92324 (909) 370-4667 FAX (909) 370-1046
1830 South 51st St., Suite B-120, Phoenix, AZ 85044 (480) 785-0043 FAX (480) 785-0851
2520 E. Sunset Rd. #3, Las Vegas, NV 89120 (702) 798-3620 FAX (702) 798-3621

IRD1081

Page 1 of 1

Client Name/Address: Dimaxim ~~Converse / Montrose~~

Project/PO Number: TRK [illegible] 08-43100-01

Project Manager: Doug Bell

Phone Number:

Sampler: M. Schmidt, D. Ortega

Fax Number:

Analysis Required

Sample Description	Sample Matrix	Container Type	# of Cont.	Sampling Date	Sampling Time	Preservatives	8260	8081								Special Instructions
Trip Blank	AQ	VOA	2	4/8/08	0800	HCL	x	~~x~~	ns							
MC-47		VOA 1-Liter	4		0805		x	x								
MC-47 (FD)			4		0805		x	x								
MC-48			4		945		x	x								
MC-49			4		1040		x	x								
MC-46			4		1140		x	x								
MC-48 (ms/msd)			4		945		x	x								
MC-50			4		1230		x	x								
MC-51			4		1332		x	x								
MC-53			4		1430		x	x								
Equipment Blank	x	x	4	x	1545	x	x	x								

O.O 4/11/08 15:15

Relinquished By:	Date/Time:	Received By:	Date/Time:	Turnaround Time: (Check)
[signature]	4/10/08 8:25	[signature]	4/10/08 8:25	same day ____ 72 hours ____
Relinquished By: Sellman	Date/Time: 4/10/08 via FedEx 16:00	Received By:	Date/Time:	24 hours ____ 5 days ____
				48 hours ____ normal ✓
Relinquished By:	Date/Time:	Received in Lab By: Vu Bank	Date/Time: 4/11/08 11:05	Sample Integrity: (Check) intact ✓ on ice ✓

Note: By relinquishing samples to TestAmerica, client agrees to pay for the services requested on this chain of custody form and any additional analyses performed on this project. Payment for services is due within 30 days from the date of invoice. Sample(s) will be disposed of after 30 days.

(CS) 7.8/5.8

#351

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LABORATORY REPORT

Prepared For: de Maximis, Inc. - San Diego
1322 Scott Street, Suite 101
San Diego, CA 92106
Attention: Ed Modiano

Project: Consent Wells (Henderson)
3200A Consent Order Wells

Sampled: 04/02/08
Received: 04/02/08
Issued: 05/07/08 18:17

NELAP #01108CA Nevada #CA-72

The results listed within this Laboratory Report pertain only to the samples tested in the laboratory. The analyses contained in this report were performed in accordance with the applicable certifications as noted. All soil samples are reported on a wet weight basis unless otherwise noted in the report. This Laboratory Report is confidential and is intended for the sole use of TestAmerica and its client. This report shall not be reproduced, except in full, without written permission from TestAmerica. The Chain(s) of Custody, 2 pages, are included and are an integral part of this report.
This entire report was reviewed and approved for release.

SAMPLE CROSS REFERENCE

SUBCONTRACTED: Refer to the last page for specific subcontract laboratory information included in this report.

LABORATORY ID	CLIENT ID	MATRIX
IRD0177-01	H-21R	Water
IRD0177-02	H-18A	Water

Reviewed By:

TestAmerica Irvine

Amy Windham
Project Manager

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
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de Maximis, Inc. - San Diego
1322 Scott Street, Suite 101
San Diego, CA 92106
Attention: Ed Modiano

Project ID: Consent Wells (Henderson)
3200A Consent Order Wells
Report Number: IRD0177

Sampled: 04/02/08
Received: 04/02/08

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRD0177-01 (H-21R - Water)				**Sampled: 04/02/08**				
Reporting Units: ug/l								
Benzene	EPA 8260B	8D10009	2000	**43000**	1000	4/10/2008	4/10/2008	
Surrogate: Dibromofluoromethane (80-120%)				*106 %*				
Surrogate: Toluene-d8 (80-120%)				*93 %*				
Surrogate: 4-Bromofluorobenzene (80-120%)				*89 %*				
Sample ID: IRD0177-01RE1 (H-21R - Water)				**Sampled: 04/02/08**				
Reporting Units: ug/l								
Bromobenzene	EPA 8260B	8D10009	1000	ND	200	4/10/2008	4/10/2008	
Bromochloromethane	EPA 8260B	8D10009	1000	ND	200	4/10/2008	4/10/2008	
Bromodichloromethane	EPA 8260B	8D10009	400	ND	200	4/10/2008	4/10/2008	
Bromoform	EPA 8260B	8D10009	1000	ND	200	4/10/2008	4/10/2008	
Bromomethane	EPA 8260B	8D10009	1000	ND	200	4/10/2008	4/10/2008	
n-Butylbenzene	EPA 8260B	8D10009	1000	ND	200	4/10/2008	4/10/2008	
sec-Butylbenzene	EPA 8260B	8D10009	1000	ND	200	4/10/2008	4/10/2008	
tert-Butylbenzene	EPA 8260B	8D10009	1000	ND	200	4/10/2008	4/10/2008	
Carbon tetrachloride	EPA 8260B	8D10009	1000	ND	200	4/10/2008	4/10/2008	C
Chlorobenzene	EPA 8260B	8D10009	400	**14000**	200	4/10/2008	4/10/2008	
Chloroethane	EPA 8260B	8D10009	1000	ND	200	4/10/2008	4/10/2008	
Chloroform	EPA 8260B	8D10009	400	ND	200	4/10/2008	4/10/2008	
Chloromethane	EPA 8260B	8D10009	1000	ND	200	4/10/2008	4/10/2008	
2-Chlorotoluene	EPA 8260B	8D10009	1000	ND	200	4/10/2008	4/10/2008	
4-Chlorotoluene	EPA 8260B	8D10009	1000	ND	200	4/10/2008	4/10/2008	
Dibromochloromethane	EPA 8260B	8D10009	400	ND	200	4/10/2008	4/10/2008	
1,2-Dibromo-3-chloropropane	EPA 8260B	8D10009	1000	ND	200	4/10/2008	4/10/2008	
1,2-Dibromoethane (EDB)	EPA 8260B	8D10009	400	ND	200	4/10/2008	4/10/2008	
Dibromomethane	EPA 8260B	8D10009	400	ND	200	4/10/2008	4/10/2008	
1,2-Dichlorobenzene	EPA 8260B	8D10009	400	ND	200	4/10/2008	4/10/2008	
1,3-Dichlorobenzene	EPA 8260B	8D10009	400	ND	200	4/10/2008	4/10/2008	
1,4-Dichlorobenzene	EPA 8260B	8D10009	400	ND	200	4/10/2008	4/10/2008	
Dichlorodifluoromethane	EPA 8260B	8D10009	1000	ND	200	4/10/2008	4/10/2008	
1,1-Dichloroethane	EPA 8260B	8D10009	400	ND	200	4/10/2008	4/10/2008	
1,2-Dichloroethane	EPA 8260B	8D10009	400	ND	200	4/10/2008	4/10/2008	
1,1-Dichloroethene	EPA 8260B	8D10009	1000	ND	200	4/10/2008	4/10/2008	
cis-1,2-Dichloroethene	EPA 8260B	8D10009	400	ND	200	4/10/2008	4/10/2008	
trans-1,2-Dichloroethene	EPA 8260B	8D10009	400	ND	200	4/10/2008	4/10/2008	
1,2-Dichloropropane	EPA 8260B	8D10009	400	ND	200	4/10/2008	4/10/2008	
1,3-Dichloropropane	EPA 8260B	8D10009	400	ND	200	4/10/2008	4/10/2008	
2,2-Dichloropropane	EPA 8260B	8D10009	400	ND	200	4/10/2008	4/10/2008	C
1,1-Dichloropropene	EPA 8260B	8D10009	400	ND	200	4/10/2008	4/10/2008	
cis-1,3-Dichloropropene	EPA 8260B	8D10009	400	ND	200	4/10/2008	4/10/2008	
trans-1,3-Dichloropropene	EPA 8260B	8D10009	400	ND	200	4/10/2008	4/10/2008	

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de Maximis, Inc. - San Diego
1322 Scott Street, Suite 101
San Diego, CA 92106
Attention: Ed Modiano

Project ID: Consent Wells (Henderson)
3200A Consent Order Wells
Report Number: IRD0177

Sampled: 04/02/08
Received: 04/02/08

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRD0177-01RE1 (H-21R - Water) - cont.				**Sampled: 04/02/08**				
Reporting Units: ug/l								
Ethylbenzene	EPA 8260B	8D10009	400	ND	200	4/10/2008	4/10/2008	
Hexachlorobutadiene	EPA 8260B	8D10009	1000	ND	200	4/10/2008	4/10/2008	
Isopropylbenzene	EPA 8260B	8D10009	400	ND	200	4/10/2008	4/10/2008	
p-Isopropyltoluene	EPA 8260B	8D10009	400	ND	200	4/10/2008	4/10/2008	
Methylene chloride	EPA 8260B	8D10009	1000	ND	200	4/10/2008	4/10/2008	
Naphthalene	EPA 8260B	8D10009	1000	ND	200	4/10/2008	4/10/2008	
n-Propylbenzene	EPA 8260B	8D10009	400	ND	200	4/10/2008	4/10/2008	
Styrene	EPA 8260B	8D10009	400	ND	200	4/10/2008	4/10/2008	
1,1,1,2-Tetrachloroethane	EPA 8260B	8D10009	1000	ND	200	4/10/2008	4/10/2008	
1,1,2,2-Tetrachloroethane	EPA 8260B	8D10009	400	ND	200	4/10/2008	4/10/2008	
Tetrachloroethene	EPA 8260B	8D10009	400	ND	200	4/10/2008	4/10/2008	
Toluene	EPA 8260B	8D10009	400	ND	200	4/10/2008	4/10/2008	
1,2,3-Trichlorobenzene	EPA 8260B	8D10009	1000	ND	200	4/10/2008	4/10/2008	
1,2,4-Trichlorobenzene	EPA 8260B	8D10009	1000	ND	200	4/10/2008	4/10/2008	
1,1,1-Trichloroethane	EPA 8260B	8D10009	400	ND	200	4/10/2008	4/10/2008	
1,1,2-Trichloroethane	EPA 8260B	8D10009	400	ND	200	4/10/2008	4/10/2008	
Trichloroethene	EPA 8260B	8D10009	400	ND	200	4/10/2008	4/10/2008	
Trichlorofluoromethane	EPA 8260B	8D10009	1000	ND	200	4/10/2008	4/10/2008	C, L
1,2,3-Trichloropropane	EPA 8260B	8D10009	2000	ND	200	4/10/2008	4/10/2008	
1,2,4-Trimethylbenzene	EPA 8260B	8D10009	400	ND	200	4/10/2008	4/10/2008	
1,3,5-Trimethylbenzene	EPA 8260B	8D10009	400	ND	200	4/10/2008	4/10/2008	
Vinyl chloride	EPA 8260B	8D10009	1000	ND	200	4/10/2008	4/10/2008	
o-Xylene	EPA 8260B	8D10009	400	ND	200	4/10/2008	4/10/2008	
m,p-Xylenes	EPA 8260B	8D10009	400	ND	200	4/10/2008	4/10/2008	
Dimethyl disulfide	EPA 8260B	8D10009	400	ND	200	4/10/2008	4/10/2008	
Surrogate: Dibromofluoromethane (80-120%)				*105 %*				
Surrogate: Toluene-d8 (80-120%)				*92 %*				
Surrogate: 4-Bromofluorobenzene (80-120%)				*89 %*				

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Attention: Ed Modiano

Project ID: Consent Wells (Henderson)
3200A Consent Order Wells
Report Number: IRD0177

Sampled: 04/02/08
Received: 04/02/08

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRD0177-02 (H-18A - Water)				**Sampled: 04/02/08**				
Reporting Units: ug/l								
Benzene	EPA 8260B	8D10009	2.0	ND	1	4/10/2008	4/10/2008	
Bromobenzene	EPA 8260B	8D10009	5.0	ND	1	4/10/2008	4/10/2008	
Bromochloromethane	EPA 8260B	8D10009	5.0	ND	1	4/10/2008	4/10/2008	
Bromodichloromethane	EPA 8260B	8D10009	2.0	ND	1	4/10/2008	4/10/2008	
Bromoform	EPA 8260B	8D10009	5.0	ND	1	4/10/2008	4/10/2008	
Bromomethane	EPA 8260B	8D10009	5.0	ND	1	4/10/2008	4/10/2008	
n-Butylbenzene	EPA 8260B	8D10009	5.0	ND	1	4/10/2008	4/10/2008	
sec-Butylbenzene	EPA 8260B	8D10009	5.0	ND	1	4/10/2008	4/10/2008	
tert-Butylbenzene	EPA 8260B	8D10009	5.0	ND	1	4/10/2008	4/10/2008	
Carbon tetrachloride	EPA 8260B	8D10009	5.0	ND	1	4/10/2008	4/10/2008	C
Chlorobenzene	EPA 8260B	8D10009	2.0	ND	1	4/10/2008	4/10/2008	
Chloroethane	EPA 8260B	8D10009	5.0	ND	1	4/10/2008	4/10/2008	
Chloroform	EPA 8260B	8D10009	2.0	ND	1	4/10/2008	4/10/2008	
Chloromethane	EPA 8260B	8D10009	5.0	ND	1	4/10/2008	4/10/2008	
2-Chlorotoluene	EPA 8260B	8D10009	5.0	ND	1	4/10/2008	4/10/2008	
4-Chlorotoluene	EPA 8260B	8D10009	5.0	ND	1	4/10/2008	4/10/2008	
Dibromochloromethane	EPA 8260B	8D10009	2.0	ND	1	4/10/2008	4/10/2008	
1,2-Dibromo-3-chloropropane	EPA 8260B	8D10009	5.0	ND	1	4/10/2008	4/10/2008	
1,2-Dibromoethane (EDB)	EPA 8260B	8D10009	2.0	ND	1	4/10/2008	4/10/2008	
Dibromomethane	EPA 8260B	8D10009	2.0	ND	1	4/10/2008	4/10/2008	
1,2-Dichlorobenzene	EPA 8260B	8D10009	2.0	ND	1	4/10/2008	4/10/2008	
1,3-Dichlorobenzene	EPA 8260B	8D10009	2.0	ND	1	4/10/2008	4/10/2008	
1,4-Dichlorobenzene	EPA 8260B	8D10009	2.0	ND	1	4/10/2008	4/10/2008	
Dichlorodifluoromethane	EPA 8260B	8D10009	5.0	ND	1	4/10/2008	4/10/2008	
1,1-Dichloroethane	EPA 8260B	8D10009	2.0	ND	1	4/10/2008	4/10/2008	
1,2-Dichloroethane	EPA 8260B	8D10009	2.0	ND	1	4/10/2008	4/10/2008	
1,1-Dichloroethene	EPA 8260B	8D10009	5.0	ND	1	4/10/2008	4/10/2008	
cis-1,2-Dichloroethene	EPA 8260B	8D10009	2.0	ND	1	4/10/2008	4/10/2008	
trans-1,2-Dichloroethene	EPA 8260B	8D10009	2.0	ND	1	4/10/2008	4/10/2008	
1,2-Dichloropropane	EPA 8260B	8D10009	2.0	ND	1	4/10/2008	4/10/2008	
1,3-Dichloropropane	EPA 8260B	8D10009	2.0	ND	1	4/10/2008	4/10/2008	
2,2-Dichloropropane	EPA 8260B	8D10009	2.0	ND	1	4/10/2008	4/10/2008	C
1,1-Dichloropropene	EPA 8260B	8D10009	2.0	ND	1	4/10/2008	4/10/2008	
cis-1,3-Dichloropropene	EPA 8260B	8D10009	2.0	ND	1	4/10/2008	4/10/2008	
trans-1,3-Dichloropropene	EPA 8260B	8D10009	2.0	ND	1	4/10/2008	4/10/2008	
Ethylbenzene	EPA 8260B	8D10009	2.0	ND	1	4/10/2008	4/10/2008	
Hexachlorobutadiene	EPA 8260B	8D10009	5.0	ND	1	4/10/2008	4/10/2008	
Isopropylbenzene	EPA 8260B	8D10009	2.0	ND	1	4/10/2008	4/10/2008	
p-Isopropyltoluene	EPA 8260B	8D10009	2.0	ND	1	4/10/2008	4/10/2008	
Methylene chloride	EPA 8260B	8D10009	5.0	ND	1	4/10/2008	4/10/2008	
Naphthalene	EPA 8260B	8D10009	5.0	ND	1	4/10/2008	4/10/2008	

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Project ID: Consent Wells (Henderson)
3200A Consent Order Wells
Report Number: IRD0177

Sampled: 04/02/08
Received: 04/02/08

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRD0177-02 (H-18A - Water) - cont.				**Sampled: 04/02/08**				
Reporting Units: ug/l								
n-Propylbenzene	EPA 8260B	8D10009	2.0	ND	1	4/10/2008	4/10/2008	
Styrene	EPA 8260B	8D10009	2.0	ND	1	4/10/2008	4/10/2008	
1,1,1,2-Tetrachloroethane	EPA 8260B	8D10009	5.0	ND	1	4/10/2008	4/10/2008	
1,1,2,2-Tetrachloroethane	EPA 8260B	8D10009	2.0	ND	1	4/10/2008	4/10/2008	
Tetrachloroethene	EPA 8260B	8D10009	2.0	ND	1	4/10/2008	4/10/2008	
Toluene	EPA 8260B	8D10009	2.0	ND	1	4/10/2008	4/10/2008	
1,2,3-Trichlorobenzene	EPA 8260B	8D10009	5.0	ND	1	4/10/2008	4/10/2008	
1,2,4-Trichlorobenzene	EPA 8260B	8D10009	5.0	ND	1	4/10/2008	4/10/2008	
1,1,1-Trichloroethane	EPA 8260B	8D10009	2.0	ND	1	4/10/2008	4/10/2008	
1,1,2-Trichloroethane	EPA 8260B	8D10009	2.0	ND	1	4/10/2008	4/10/2008	
Trichloroethene	EPA 8260B	8D10009	2.0	ND	1	4/10/2008	4/10/2008	
Trichlorofluoromethane	EPA 8260B	8D10009	5.0	ND	1	4/10/2008	4/10/2008	C, L
1,2,3-Trichloropropane	EPA 8260B	8D10009	10	ND	1	4/10/2008	4/10/2008	
1,2,4-Trimethylbenzene	EPA 8260B	8D10009	2.0	ND	1	4/10/2008	4/10/2008	
1,3,5-Trimethylbenzene	EPA 8260B	8D10009	2.0	ND	1	4/10/2008	4/10/2008	
Vinyl chloride	EPA 8260B	8D10009	5.0	ND	1	4/10/2008	4/10/2008	
o-Xylene	EPA 8260B	8D10009	2.0	ND	1	4/10/2008	4/10/2008	
m,p-Xylenes	EPA 8260B	8D10009	2.0	ND	1	4/10/2008	4/10/2008	
Dimethyl disulfide	EPA 8260B	8D10009	2.0	ND	1	4/10/2008	4/10/2008	
Surrogate: Dibromofluoromethane (80-120%)				*110 %*				
Surrogate: Toluene-d8 (80-120%)				*92 %*				
Surrogate: 4-Bromofluorobenzene (80-120%)				*89 %*				

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Sampled: 04/02/08
Received: 04/02/08

SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3520C/8270C)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRD0177-01 (H-21R - Water)				**Sampled: 04/02/08**				**RL3**
Reporting Units: ug/l								
4-Chlorophenyl methyl sulfide	EPA 8270C	8D03069	19	ND	1.89	4/3/2008	4/8/2008	
Surrogate: 2,4,6-Tribromophenol (40-120%)				*110 %*				
Surrogate: 2-Fluorobiphenyl (50-120%)				*83 %*				
Surrogate: 2-Fluorophenol (30-120%)				*49 %*				
Surrogate: Nitrobenzene-d5 (45-120%)				*81 %*				
Surrogate: Phenol-d6 (35-120%)				*60 %*				
Surrogate: Terphenyl-d14 (50-125%)				*114 %*				
Sample ID: IRD0177-02 (H-18A - Water)				**Sampled: 04/02/08**				
Reporting Units: ug/l								
4-Chlorophenyl methyl sulfide	EPA 8270C	8D03069	9.4	ND	0.943	4/3/2008	4/8/2008	
Surrogate: 2,4,6-Tribromophenol (40-120%)				*100 %*				
Surrogate: 2-Fluorobiphenyl (50-120%)				*77 %*				
Surrogate: 2-Fluorophenol (30-120%)				*45 %*				
Surrogate: Nitrobenzene-d5 (45-120%)				*66 %*				
Surrogate: Phenol-d6 (35-120%)				*52 %*				
Surrogate: Terphenyl-d14 (50-125%)				*105 %*				

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Project ID: Consent Wells (Henderson)
3200A Consent Order Wells
Report Number: IRD0177

Sampled: 04/02/08
Received: 04/02/08

Alpha Acids

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IRD0177-01 (H-21R - Water)				**Sampled: 04/02/08**				
Reporting Units: mg/L								
4-Chlorobenzenesulfonic acid	ACIDS_HPLC_W	19647	5.0	**28**	1	4/11/2008	4/14/2008	
Benzenesulfonic acid	ACIDS_HPLC_W	19647	5.0	**30**	1	4/11/2008	4/14/2008	
Diethyl phosphorodithioic acid	ACIDS_HPLC_W	19647	5.0	**140**	1	4/11/2008	4/14/2008	
Dimethyl phosphorodithioic acid	ACIDS_HPLC_W	19647	0.25	ND	1	4/11/2008	4/14/2008	
Phthalic acid	ACIDS_HPLC_W	19647	0.050	ND	1	4/11/2008	4/14/2008	
Sample ID: IRD0177-02 (H-18A - Water)				**Sampled: 04/02/08**				
Reporting Units: mg/L								
4-Chlorobenzenesulfonic acid	ACIDS_HPLC_W	19647	0.050	ND	1	4/11/2008	4/14/2008	
Benzenesulfonic acid	ACIDS_HPLC_W	19647	0.050	ND	1	4/11/2008	4/14/2008	
Diethyl phosphorodithioic acid	ACIDS_HPLC_W	19647	0.050	ND	1	4/11/2008	4/14/2008	
Dimethyl phosphorodithioic acid	ACIDS_HPLC_W	19647	0.25	ND	1	4/11/2008	4/14/2008	
Phthalic acid	ACIDS_HPLC_W	19647	0.050	ND	1	4/11/2008	4/14/2008	

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Sampled: 04/02/08
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METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8D10009 Extracted: 04/10/08										
Blank Analyzed: 04/10/2008 (8D10009-BLK1)										
Benzene	ND	2.0	ug/l							
Bromobenzene	ND	5.0	ug/l							
Bromochloromethane	ND	5.0	ug/l							
Bromodichloromethane	ND	2.0	ug/l							
Bromoform	ND	5.0	ug/l							
Bromomethane	ND	5.0	ug/l							
n-Butylbenzene	ND	5.0	ug/l							
sec-Butylbenzene	ND	5.0	ug/l							
tert-Butylbenzene	ND	5.0	ug/l							
Carbon tetrachloride	ND	5.0	ug/l							
Chlorobenzene	ND	2.0	ug/l							
Chloroethane	ND	5.0	ug/l							
Chloroform	ND	2.0	ug/l							
Chloromethane	ND	5.0	ug/l							
2-Chlorotoluene	ND	5.0	ug/l							
4-Chlorotoluene	ND	5.0	ug/l							
Dibromochloromethane	ND	2.0	ug/l							
1,2-Dibromo-3-chloropropane	ND	5.0	ug/l							
1,2-Dibromoethane (EDB)	ND	2.0	ug/l							
Dibromomethane	ND	2.0	ug/l							
1,2-Dichlorobenzene	ND	2.0	ug/l							
1,3-Dichlorobenzene	ND	2.0	ug/l							
1,4-Dichlorobenzene	ND	2.0	ug/l							
Dichlorodifluoromethane	ND	5.0	ug/l							
1,1-Dichloroethane	ND	2.0	ug/l							
1,2-Dichloroethane	ND	2.0	ug/l							
1,1-Dichloroethene	ND	5.0	ug/l							
cis-1,2-Dichloroethene	ND	2.0	ug/l							
trans-1,2-Dichloroethene	ND	2.0	ug/l							
1,2-Dichloropropane	ND	2.0	ug/l							
1,3-Dichloropropane	ND	2.0	ug/l							
2,2-Dichloropropane	ND	2.0	ug/l							
1,1-Dichloropropene	ND	2.0	ug/l							
cis-1,3-Dichloropropene	ND	2.0	ug/l							
trans-1,3-Dichloropropene	ND	2.0	ug/l							
Ethylbenzene	ND	2.0	ug/l							

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METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8D10009 Extracted: 04/10/08										
Blank Analyzed: 04/10/2008 (8D10009-BLK1)										
Hexachlorobutadiene	ND	5.0	ug/l							
Isopropylbenzene	ND	2.0	ug/l							
p-Isopropyltoluene	ND	2.0	ug/l							
Methylene chloride	ND	5.0	ug/l							
Naphthalene	ND	5.0	ug/l							
n-Propylbenzene	ND	2.0	ug/l							
Styrene	ND	2.0	ug/l							
1,1,1,2-Tetrachloroethane	ND	5.0	ug/l							
1,1,2,2-Tetrachloroethane	ND	2.0	ug/l							
Tetrachloroethene	ND	2.0	ug/l							
Toluene	ND	2.0	ug/l							
1,2,3-Trichlorobenzene	ND	5.0	ug/l							
1,2,4-Trichlorobenzene	ND	5.0	ug/l							
1,1,1-Trichloroethane	ND	2.0	ug/l							
1,1,2-Trichloroethane	ND	2.0	ug/l							
Trichloroethene	ND	2.0	ug/l							
Trichlorofluoromethane	ND	5.0	ug/l							
1,2,3-Trichloropropane	ND	10	ug/l							
1,2,4-Trimethylbenzene	ND	2.0	ug/l							
1,3,5-Trimethylbenzene	ND	2.0	ug/l							
Vinyl chloride	ND	5.0	ug/l							
o-Xylene	ND	2.0	ug/l							
m,p-Xylenes	ND	2.0	ug/l							
Dimethyl disulfide	ND	2.0	ug/l							
Surrogate: Dibromofluoromethane	*26.3*		*ug/l*	*25.0*		*105*	*80-120*			
Surrogate: Toluene-d8	*23.3*		*ug/l*	*25.0*		*93*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*22.4*		*ug/l*	*25.0*		*89*	*80-120*			

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METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8D10009 Extracted: 04/10/08										
LCS Analyzed: 04/10/2008 (8D10009-BS1)										
Benzene	21.8	2.0	ug/l	25.0		87	70-120			
Bromobenzene	25.4	5.0	ug/l	25.0		101	75-120			
Bromochloromethane	29.1	5.0	ug/l	25.0		116	70-130			
Bromodichloromethane	29.3	2.0	ug/l	25.0		117	70-135			
Bromoform	25.7	5.0	ug/l	25.0		103	55-130			
Bromomethane	24.8	5.0	ug/l	25.0		99	65-140			
n-Butylbenzene	25.0	5.0	ug/l	25.0		100	70-130			
sec-Butylbenzene	25.6	5.0	ug/l	25.0		102	70-125			
tert-Butylbenzene	26.8	5.0	ug/l	25.0		107	70-125			
Carbon tetrachloride	31.9	5.0	ug/l	25.0		128	65-140			
Chlorobenzene	25.3	2.0	ug/l	25.0		101	75-120			
Chloroethane	21.8	5.0	ug/l	25.0		87	60-140			
Chloroform	28.0	2.0	ug/l	25.0		112	70-130			
Chloromethane	19.6	5.0	ug/l	25.0		78	50-140			
2-Chlorotoluene	24.8	5.0	ug/l	25.0		99	70-125			
4-Chlorotoluene	25.5	5.0	ug/l	25.0		102	75-125			
Dibromochloromethane	29.7	2.0	ug/l	25.0		119	70-140			
1,2-Dibromo-3-chloropropane	24.6	5.0	ug/l	25.0		98	50-135			
1,2-Dibromoethane (EDB)	25.4	2.0	ug/l	25.0		101	75-125			
Dibromomethane	25.6	2.0	ug/l	25.0		103	70-125			
1,2-Dichlorobenzene	27.6	2.0	ug/l	25.0		111	75-120			
1,3-Dichlorobenzene	27.2	2.0	ug/l	25.0		109	75-120			
1,4-Dichlorobenzene	25.2	2.0	ug/l	25.0		101	75-120			
Dichlorodifluoromethane	23.3	5.0	ug/l	25.0		93	35-155			
1,1-Dichloroethane	22.4	2.0	ug/l	25.0		90	70-125			
1,2-Dichloroethane	27.7	2.0	ug/l	25.0		111	60-140			
1,1-Dichloroethene	21.9	5.0	ug/l	25.0		88	70-125			
cis-1,2-Dichloroethene	25.6	2.0	ug/l	25.0		102	70-125			
trans-1,2-Dichloroethene	25.4	2.0	ug/l	25.0		102	70-125			
1,2-Dichloropropane	21.0	2.0	ug/l	25.0		84	70-125			
1,3-Dichloropropane	21.6	2.0	ug/l	25.0		87	70-120			
2,2-Dichloropropane	34.8	2.0	ug/l	25.0		139	65-140			
1,1-Dichloropropene	22.4	2.0	ug/l	25.0		90	75-130			
cis-1,3-Dichloropropene	21.3	2.0	ug/l	25.0		85	75-125			
trans-1,3-Dichloropropene	23.3	2.0	ug/l	25.0		93	70-125			
Ethylbenzene	24.8	2.0	ug/l	25.0		99	75-125			

TestAmerica Irvine

Amy Windham
Project Manager

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de Maximis, Inc. - San Diego
1322 Scott Street, Suite 101
San Diego, CA 92106
Attention: Ed Modiano

Project ID: Consent Wells (Henderson)
3200A Consent Order Wells
Report Number: IRD0177

Sampled: 04/02/08
Received: 04/02/08

METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8D10009 Extracted: 04/10/08										
LCS Analyzed: 04/10/2008 (8D10009-BS1)										
Hexachlorobutadiene	24.5	5.0	ug/l	25.0		98	65-135			
Isopropylbenzene	29.3	2.0	ug/l	25.0		117	75-130			
p-Isopropyltoluene	27.2	2.0	ug/l	25.0		109	75-125			
Methylene chloride	22.1	5.0	ug/l	25.0		88	55-130			
Naphthalene	27.5	5.0	ug/l	25.0		110	55-135			
n-Propylbenzene	24.9	2.0	ug/l	25.0		100	75-130			
Styrene	25.2	2.0	ug/l	25.0		101	75-130			
1,1,1,2-Tetrachloroethane	30.5	5.0	ug/l	25.0		122	70-130			
1,1,2,2-Tetrachloroethane	22.8	2.0	ug/l	25.0		91	55-130			
Tetrachloroethene	23.8	2.0	ug/l	25.0		95	70-125			
Toluene	24.4	2.0	ug/l	25.0		98	70-120			
1,2,3-Trichlorobenzene	24.8	5.0	ug/l	25.0		99	65-125			
1,2,4-Trichlorobenzene	25.8	5.0	ug/l	25.0		103	70-135			
1,1,1-Trichloroethane	30.9	2.0	ug/l	25.0		123	65-135			
1,1,2-Trichloroethane	23.8	2.0	ug/l	25.0		95	70-125			
Trichloroethene	27.4	2.0	ug/l	25.0		110	70-125			
Trichlorofluoromethane	38.9	5.0	ug/l	25.0		156	65-145			*L*
1,2,3-Trichloropropane	22.9	10	ug/l	25.0		92	60-130			
1,2,4-Trimethylbenzene	26.4	2.0	ug/l	25.0		106	75-125			
1,3,5-Trimethylbenzene	26.5	2.0	ug/l	25.0		106	75-125			
Vinyl chloride	21.3	5.0	ug/l	25.0		85	55-135			
o-Xylene	24.0	2.0	ug/l	25.0		96	75-125			
m,p-Xylenes	49.0	2.0	ug/l	50.0		98	75-125			
Surrogate: Dibromofluoromethane	*27.5*		*ug/l*	*25.0*		*110*	*80-120*			
Surrogate: Toluene-d8	*23.4*		*ug/l*	*25.0*		*94*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*22.9*		*ug/l*	*25.0*		*92*	*80-120*			
Matrix Spike Analyzed: 04/10/2008 (8D10009-MS1)					**Source: IRD0725-02**					
Benzene	19.5	2.0	ug/l	25.0	ND	78	65-125			
Bromobenzene	22.6	5.0	ug/l	25.0	ND	91	70-125			
Bromochloromethane	24.4	5.0	ug/l	25.0	ND	98	65-135			
Bromodichloromethane	25.7	2.0	ug/l	25.0	ND	103	70-135			
Bromoform	22.6	5.0	ug/l	25.0	ND	90	55-135			
Bromomethane	20.7	5.0	ug/l	25.0	ND	83	55-145			
n-Butylbenzene	23.4	5.0	ug/l	25.0	ND	93	65-135			
sec-Butylbenzene	23.8	5.0	ug/l	25.0	ND	95	70-125			

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Amy Windham
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de Maximis, Inc. - San Diego
1322 Scott Street, Suite 101
San Diego, CA 92106
Attention: Ed Modiano

Project ID: Consent Wells (Henderson)
3200A Consent Order Wells
Report Number: IRD0177

Sampled: 04/02/08
Received: 04/02/08

METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8D10009 Extracted: 04/10/08										
Matrix Spike Analyzed: 04/10/2008 (8D10009-MS1)					**Source: IRD0725-02**					
tert-Butylbenzene	24.8	5.0	ug/l	25.0	ND	99	65-130			
Carbon tetrachloride	29.4	5.0	ug/l	25.0	ND	117	65-140			
Chlorobenzene	22.9	2.0	ug/l	25.0	ND	92	75-125			
Chloroethane	18.8	5.0	ug/l	25.0	ND	75	55-140			
Chloroform	24.3	2.0	ug/l	25.0	ND	97	65-135			
Chloromethane	16.5	5.0	ug/l	25.0	ND	66	45-145			
2-Chlorotoluene	22.8	5.0	ug/l	25.0	ND	91	65-135			
4-Chlorotoluene	23.3	5.0	ug/l	25.0	ND	93	70-135			
Dibromochloromethane	26.5	2.0	ug/l	25.0	ND	106	65-140			
1,2-Dibromo-3-chloropropane	21.1	5.0	ug/l	25.0	ND	84	45-145			
1,2-Dibromoethane (EDB)	22.4	2.0	ug/l	25.0	ND	90	70-130			
Dibromomethane	22.3	2.0	ug/l	25.0	ND	89	65-135			
1,2-Dichlorobenzene	24.6	2.0	ug/l	25.0	ND	98	75-125			
1,3-Dichlorobenzene	24.9	2.0	ug/l	25.0	ND	100	75-125			
1,4-Dichlorobenzene	22.8	2.0	ug/l	25.0	ND	91	75-125			
Dichlorodifluoromethane	18.7	5.0	ug/l	25.0	ND	75	25-155			
1,1-Dichloroethane	19.6	2.0	ug/l	25.0	ND	78	65-130			
1,2-Dichloroethane	24.0	2.0	ug/l	25.0	ND	96	60-140			
1,1-Dichloroethene	18.9	5.0	ug/l	25.0	ND	76	60-130			
cis-1,2-Dichloroethene	22.3	2.0	ug/l	25.0	ND	89	65-130			
trans-1,2-Dichloroethene	22.2	2.0	ug/l	25.0	ND	89	65-130			
1,2-Dichloropropane	18.6	2.0	ug/l	25.0	ND	74	65-130			
1,3-Dichloropropane	19.0	2.0	ug/l	25.0	ND	76	65-135			
2,2-Dichloropropane	31.8	2.0	ug/l	25.0	ND	127	60-145			
1,1-Dichloropropene	20.6	2.0	ug/l	25.0	ND	83	70-135			
cis-1,3-Dichloropropene	18.6	2.0	ug/l	25.0	ND	74	70-130			
trans-1,3-Dichloropropene	20.2	2.0	ug/l	25.0	ND	81	65-135			
Ethylbenzene	22.9	2.0	ug/l	25.0	ND	92	65-130			
Hexachlorobutadiene	22.7	5.0	ug/l	25.0	ND	91	60-135			
Isopropylbenzene	27.0	2.0	ug/l	25.0	ND	108	70-135			
p-Isopropyltoluene	25.2	2.0	ug/l	25.0	ND	101	65-130			
Methylene chloride	18.8	5.0	ug/l	25.0	ND	75	50-135			
Naphthalene	23.3	5.0	ug/l	25.0	ND	93	50-140			
n-Propylbenzene	23.2	2.0	ug/l	25.0	ND	93	70-135			
Styrene	22.5	2.0	ug/l	25.0	ND	90	50-145			
1,1,1,2-Tetrachloroethane	27.4	5.0	ug/l	25.0	ND	110	65-140			

TestAmerica Irvine

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Project Manager

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de Maximis, Inc. - San Diego
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San Diego, CA 92106
Attention: Ed Modiano

Project ID: Consent Wells (Henderson)
3200A Consent Order Wells
Report Number: IRD0177

Sampled: 04/02/08
Received: 04/02/08

METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8D10009 Extracted: 04/10/08										
Matrix Spike Analyzed: 04/10/2008 (8D10009-MS1)					**Source: IRD0725-02**					
1,1,2,2-Tetrachloroethane	19.6	2.0	ug/l	25.0	ND	78	55-135			
Tetrachloroethene	22.2	2.0	ug/l	25.0	ND	89	65-130			
Toluene	22.2	2.0	ug/l	25.0	ND	89	70-125			
1,2,3-Trichlorobenzene	21.7	5.0	ug/l	25.0	ND	87	60-135			
1,2,4-Trichlorobenzene	22.7	5.0	ug/l	25.0	ND	91	65-135			
1,1,1-Trichloroethane	27.9	2.0	ug/l	25.0	ND	111	65-140			
1,1,2-Trichloroethane	20.4	2.0	ug/l	25.0	ND	81	65-130			
Trichloroethene	27.1	2.0	ug/l	25.0	2.29	99	65-125			
Trichlorofluoromethane	36.1	5.0	ug/l	25.0	5.99	121	60-145			
1,2,3-Trichloropropane	19.8	10	ug/l	25.0	ND	79	55-135			
1,2,4-Trimethylbenzene	24.1	2.0	ug/l	25.0	ND	96	55-135			
1,3,5-Trimethylbenzene	24.4	2.0	ug/l	25.0	ND	98	70-130			
Vinyl chloride	18.8	5.0	ug/l	25.0	ND	75	45-140			
o-Xylene	21.7	2.0	ug/l	25.0	ND	87	65-125			
m,p-Xylenes	44.9	2.0	ug/l	50.0	ND	90	65-130			
Surrogate: Dibromofluoromethane	*25.9*		*ug/l*	*25.0*		*103*	*80-120*			
Surrogate: Toluene-d8	*23.4*		*ug/l*	*25.0*		*94*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*22.9*		*ug/l*	*25.0*		*92*	*80-120*			
Matrix Spike Dup Analyzed: 04/10/2008 (8D10009-MSD1)					**Source: IRD0725-02**					
Benzene	19.7	2.0	ug/l	25.0	ND	79	65-125	1	20	
Bromobenzene	22.6	5.0	ug/l	25.0	ND	91	70-125	0	20	
Bromochloromethane	25.8	5.0	ug/l	25.0	ND	103	65-135	5	25	
Bromodichloromethane	26.2	2.0	ug/l	25.0	ND	105	70-135	2	20	
Bromoform	24.0	5.0	ug/l	25.0	ND	96	55-135	6	25	
Bromomethane	21.3	5.0	ug/l	25.0	ND	85	55-145	3	25	
n-Butylbenzene	22.8	5.0	ug/l	25.0	ND	91	65-135	3	20	
sec-Butylbenzene	23.3	5.0	ug/l	25.0	ND	93	70-125	2	20	
tert-Butylbenzene	24.4	5.0	ug/l	25.0	ND	98	65-130	2	20	
Carbon tetrachloride	29.1	5.0	ug/l	25.0	ND	116	65-140	1	25	
Chlorobenzene	23.0	2.0	ug/l	25.0	ND	92	75-125	0	20	
Chloroethane	19.4	5.0	ug/l	25.0	ND	78	55-140	3	25	
Chloroform	24.6	2.0	ug/l	25.0	ND	98	65-135	1	20	
Chloromethane	17.6	5.0	ug/l	25.0	ND	70	45-145	6	25	
2-Chlorotoluene	22.4	5.0	ug/l	25.0	ND	90	65-135	1	20	
4-Chlorotoluene	22.9	5.0	ug/l	25.0	ND	91	70-135	2	20	

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Attention: Ed Modiano

Project ID: Consent Wells (Henderson)
3200A Consent Order Wells
Report Number: IRD0177

Sampled: 04/02/08
Received: 04/02/08

METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8D10009 Extracted: 04/10/08										
Matrix Spike Dup Analyzed: 04/10/2008 (8D10009-MSD1)					**Source: IRD0725-02**					
Dibromochloromethane	27.1	2.0	ug/l	25.0	ND	108	65-140	2	25	
1,2-Dibromo-3-chloropropane	23.3	5.0	ug/l	25.0	ND	93	45-145	10	30	
1,2-Dibromoethane (EDB)	23.9	2.0	ug/l	25.0	ND	96	70-130	6	25	
Dibromomethane	23.4	2.0	ug/l	25.0	ND	94	65-135	5	25	
1,2-Dichlorobenzene	24.8	2.0	ug/l	25.0	ND	99	75-125	1	20	
1,3-Dichlorobenzene	24.6	2.0	ug/l	25.0	ND	98	75-125	1	20	
1,4-Dichlorobenzene	22.8	2.0	ug/l	25.0	ND	91	75-125	0	20	
Dichlorodifluoromethane	19.2	5.0	ug/l	25.0	ND	77	25-155	3	30	
1,1-Dichloroethane	19.8	2.0	ug/l	25.0	ND	79	65-130	1	20	
1,2-Dichloroethane	24.5	2.0	ug/l	25.0	ND	98	60-140	2	20	
1,1-Dichloroethene	19.2	5.0	ug/l	25.0	ND	77	60-130	1	20	
cis-1,2-Dichloroethene	22.6	2.0	ug/l	25.0	ND	90	65-130	1	20	
trans-1,2-Dichloroethene	22.6	2.0	ug/l	25.0	ND	90	65-130	2	20	
1,2-Dichloropropane	19.0	2.0	ug/l	25.0	ND	76	65-130	2	20	
1,3-Dichloropropane	19.7	2.0	ug/l	25.0	ND	79	65-135	4	25	
2,2-Dichloropropane	30.8	2.0	ug/l	25.0	ND	123	60-145	3	25	
1,1-Dichloropropene	20.4	2.0	ug/l	25.0	ND	82	70-135	1	20	
cis-1,3-Dichloropropene	19.0	2.0	ug/l	25.0	ND	76	70-130	2	20	
trans-1,3-Dichloropropene	21.1	2.0	ug/l	25.0	ND	85	65-135	4	25	
Ethylbenzene	22.8	2.0	ug/l	25.0	ND	91	65-130	1	20	
Hexachlorobutadiene	22.3	5.0	ug/l	25.0	ND	89	60-135	2	20	
Isopropylbenzene	26.4	2.0	ug/l	25.0	ND	106	70-135	2	20	
p-Isopropyltoluene	24.7	2.0	ug/l	25.0	ND	99	65-130	2	20	
Methylene chloride	19.5	5.0	ug/l	25.0	ND	78	50-135	4	20	
Naphthalene	25.6	5.0	ug/l	25.0	ND	102	50-140	9	30	
n-Propylbenzene	22.8	2.0	ug/l	25.0	ND	91	70-135	2	20	
Styrene	22.5	2.0	ug/l	25.0	ND	90	50-145	0	30	
1,1,1,2-Tetrachloroethane	27.6	5.0	ug/l	25.0	ND	111	65-140	1	20	
1,1,2,2-Tetrachloroethane	21.0	2.0	ug/l	25.0	ND	84	55-135	7	30	
Tetrachloroethene	22.2	2.0	ug/l	25.0	ND	89	65-130	0	20	
Toluene	22.3	2.0	ug/l	25.0	ND	89	70-125	1	20	
1,2,3-Trichlorobenzene	22.4	5.0	ug/l	25.0	ND	90	60-135	3	20	
1,2,4-Trichlorobenzene	23.3	5.0	ug/l	25.0	ND	93	65-135	3	20	
1,1,1-Trichloroethane	27.6	2.0	ug/l	25.0	ND	110	65-140	1	20	
1,1,2-Trichloroethane	21.7	2.0	ug/l	25.0	ND	87	65-130	7	25	
Trichloroethene	26.8	2.0	ug/l	25.0	2.29	98	65-125	1	20	

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Project Manager

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de Maximis, Inc. - San Diego 1322 Scott Street, Suite 101 San Diego, CA 92106 Attention: Ed Modiano	Project ID:	Consent Wells (Henderson) 3200A Consent Order Wells	Sampled: 04/02/08 Received: 04/02/08
	Report Number:	IRD0177	

METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8D10009 Extracted: 04/10/08										
Matrix Spike Dup Analyzed: 04/10/2008 (8D10009-MSD1)					**Source: IRD0725-02**					
Trichlorofluoromethane	35.6	5.0	ug/l	25.0	5.99	118	60-145	2	25	
1,2,3-Trichloropropane	21.4	10	ug/l	25.0	ND	86	55-135	8	30	
1,2,4-Trimethylbenzene	23.6	2.0	ug/l	25.0	ND	94	55-135	2	25	
1,3,5-Trimethylbenzene	23.7	2.0	ug/l	25.0	ND	95	70-130	3	20	
Vinyl chloride	20.2	5.0	ug/l	25.0	ND	81	45-140	7	30	
o-Xylene	21.8	2.0	ug/l	25.0	ND	87	65-125	1	20	
m,p-Xylenes	44.8	2.0	ug/l	50.0	ND	90	65-130	0	25	
Surrogate: Dibromofluoromethane	*26.0*		*ug/l*	*25.0*		*104*	*80-120*			
Surrogate: Toluene-d8	*23.5*		*ug/l*	*25.0*		*94*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*22.8*		*ug/l*	*25.0*		*91*	*80-120*			

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Project ID: Consent Wells (Henderson)
3200A Consent Order Wells
Report Number: IRD0177

Sampled: 04/02/08
Received: 04/02/08

METHOD BLANK/QC DATA

SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3520C/8270C)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 8D03069 Extracted: 04/03/08										
Blank Analyzed: 04/08/2008 (8D03069-BLK1)										
4-Chlorophenyl methyl sulfide	ND	10	ug/l							
Surrogate: 2,4,6-Tribromophenol	*182*		*ug/l*	*200*		*91*	*40-120*			
Surrogate: 2-Fluorobiphenyl	*71.5*		*ug/l*	*100*		*72*	*50-120*			
Surrogate: 2-Fluorophenol	*85.0*		*ug/l*	*200*		*42*	*30-120*			
Surrogate: Nitrobenzene-d5	*60.7*		*ug/l*	*100*		*61*	*45-120*			
Surrogate: Phenol-d6	*101*		*ug/l*	*200*		*51*	*35-120*			
Surrogate: Terphenyl-d14	*103*		*ug/l*	*100*		*103*	*50-125*			

TestAmerica Irvine

Amy Windham
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

17461 Derian Avenue. Suite 100, Irvine, CA 92614 (949) 261-1022 Fax:(949) 260-3297

de Maximis, Inc. - San Diego
1322 Scott Street, Suite 101
San Diego, CA 92106
Attention: Ed Modiano

Project ID: Consent Wells (Henderson)
3200A Consent Order Wells
Report Number: IRD0177

Sampled: 04/02/08
Received: 04/02/08

METHOD BLANK/QC DATA

Alpha Acids

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 19647 Extracted: 04/11/08										
Matrix Spike Analyzed: 04/14/2008 (08040723-01AMS)					**Source: IRD0177-01**					
4-Chlorobenzenesulfonic acid	139	0.050	mg/L	100	27.775	111	60-140	0	20	
Benzenesulfonic acid	137	0.050	mg/L	100	30.238	107	60-140	0	20	
Diethyl phosphorodithioic acid	439	0.25	mg/L	200	139.494	150	60-140	0	20	
Dimethyl phosphorodithioic acid	ND	0.25	mg/L	2	0	0	50-150	0	20	
Phthalic acid	ND	0.050	mg/L	1	0	0	60-140	0	20	
Matrix Spike Dup Analyzed: 04/14/2008 (08040723-01AMSD)					**Source: IRD0177-01**					
4-Chlorobenzenesulfonic acid	138	0.050	mg/L	100	27.775	110	60-140	1	20	
Benzenesulfonic acid	145	0.050	mg/L	100	30.238	115	60-140	6	20	
Diethyl phosphorodithioic acid	400	0.25	mg/L	200	139.494	130	60-140	9	20	
Dimethyl phosphorodithioic acid	ND	0.25	mg/L	2	0	0	50-150	0	20	
Phthalic acid	ND	0.050	mg/L	1	0	0	60-140	0	20	
Matrix Spike Dup Analyzed: 04/14/2008 (08040723-01AMSQ)					**Source: 08040723-01AA**					
4-Chlorobenzenesulfonic acid	ND	0.050	mg/L	1	0	0	60-140	0	20	
Benzenesulfonic acid	ND	0.050	mg/L	1	0	0	60-140	0	20	
Diethyl phosphorodithioic acid	ND	0.050	mg/L	1	0	0	60-140	0	20	
Dimethyl phosphorodithioic acid	2.24	0.25	mg/L	2	0	112	50-150	0	20	
Phthalic acid	1.07	0.050	mg/L	1	0	107	60-140	2	20	
Matrix Spike Analyzed: 04/14/2008 (08040723-01AMST)					**Source: 08040723-01AA**					
4-Chlorobenzenesulfonic acid	ND	0.050	mg/L	1	0	0	60-140	0	20	
Benzenesulfonic acid	ND	0.050	mg/L	1	0	0	60-140	0	20	
Diethyl phosphorodithioic acid	ND	0.25	mg/L	2	0	0	60-140	0	20	
Dimethyl phosphorodithioic acid	2.24	0.25	mg/L	2	0	112	50-150	0	20	
Phthalic acid	1.05	0.050	mg/L	1	0	105	60-140	0	20	
LCS Analyzed: 04/14/2008 (LCS-19647)					**Source:**					
4-Chlorobenzenesulfonic acid	0.532	0.050	mg/L	0.5		106	60-140			
Benzenesulfonic acid	0.487	0.050	mg/L	0.5		97	60-140			
Diethyl phosphorodithioic acid	1.10	0.050	mg/L	1		110	60-140			
Dimethyl phosphorodithioic acid	1.00	0.25	mg/L	1		100	50-150			
Phthalic acid	0.477	0.050	mg/L	0.5		95	60-140			

TestAmerica Irvine

Amy Windham
Project Manager

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TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

17461 Derian Avenue. Suite 100, Irvine, CA 92614 (949) 261-1022 Fax:(949) 260-3297

de Maximis, Inc. - San Diego
1322 Scott Street, Suite 101
San Diego, CA 92106
Attention: Ed Modiano

Project ID: Consent Wells (Henderson)
3200A Consent Order Wells
Report Number: IRD0177

Sampled: 04/02/08
Received: 04/02/08

METHOD BLANK/QC DATA

Alpha Acids

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 19647 Extracted: 04/11/08										
Blank Analyzed: 04/14/2008 (MBLK-19647)					**Source:**					
4-Chlorobenzenesulfonic acid	ND	0.050	mg/L				-			
Benzenesulfonic acid	ND	0.050	mg/L				-			
Diethyl phosphorodithioic acid	ND	0.050	mg/L				-			
Dimethyl phosphorodithioic acid	ND	0.25	mg/L				-			
Phthalic acid	ND	0.050	mg/L				-			

TestAmerica Irvine

Amy Windham
Project Manager

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TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

17461 Derian Avenue. Suite 100, Irvine, CA 92614 (949) 261-1022 Fax:(949) 260-3297

de Maximis, Inc. - San Diego 1322 Scott Street, Suite 101 San Diego, CA 92106 Attention: Ed Modiano	Project ID: Consent Wells (Henderson) 3200A Consent Order Wells Report Number: IRD0177	Sampled: 04/02/08 Received: 04/02/08

DATA QUALIFIERS AND DEFINITIONS

C	Calibration Verification recovery was above the method control limit for this analyte. Analyte not detected, data not impacted.
L	Laboratory Control Sample and/or Laboratory Control Sample Duplicate recovery was above the acceptance limits. Analyte not detected, data not impacted.
RL3	Reporting limit raised due to high concentrations of non-target analytes.
ND	Analyte NOT DETECTED at or above the reporting limit or MDL, if MDL is specified.
RPD	Relative Percent Difference

TestAmerica Irvine

Amy Windham
Project Manager

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TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
17461 Derian Avenue. Suite 100, Irvine, CA 92614 (949) 261-1022 Fax:(949) 260-3297

de Maximis, Inc. - San Diego 1322 Scott Street, Suite 101 San Diego, CA 92106 Attention: Ed Modiano	Project ID: Consent Wells (Henderson) 3200A Consent Order Wells Report Number: IRD0177	Sampled: 04/02/08 Received: 04/02/08

Certification Summary

TestAmerica Irvine

Method	Matrix	Nelac	Nevada
EDD + Level 4	Water		
EPA 8260B	Water	X	X
EPA 8270C	Water	X	X
Level 4	Water		

Nevada and NELAP provide analyte specific accreditations. Analyte specific information for TestAmerica may be obtained by contacting the laboratory or visiting our website at www.testamericainc.com

Subcontracted Laboratories

Alpha Analytical (Nevada) - SUB

255 Glendale Suite 21 - Sparks, NV 89431

Analysis Performed: Organic Acids
Samples: IRD0177-01, IRD0177-02

ALPS

Method Performed: ACIDS_HPLC_W
Samples: IRD0177-01, IRD0177-02

Silver State Analytical Labs (SUB)

5070 South Arville Street - Las Vegas, NV 89118

Analysis Performed: 8141A-carbophenothion & phosmet only-Hend
Samples: IRD0177-01, IRD0177-02

TestAmerica Irvine

Amy Windham
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

CHAIN OF CUSTODY FORM

17461 Derian Ave., #100, Irvine, CA 92614 (949) 261-1022 FAX (949) 260-3297
1014 E. Cooley Dr., Suite A, Colton, CA 92324 (909) 370-4667 FAX (909) 370-1046
9830 South 51st St., Suite B-120, Phoenix, AZ 85044 (480) 785-0043 FAX (480) 785-0851
2520 E. Sunset Rd. #3, Las Vegas, NV 89120 (702) 798-3620 FAX (702) 798-3621

TAL-0013(1007)

Page ___ of ___

Client Name / Address: [illegible]

Project / PO Number: [illegible]

Project Manager: [illegible]

Phone Number: [illegible]

Sampler: Carlos Cobos

Fax Number: (619) 596-9580

Analysis Required: Chrome, 8260B, 8270C, TPH

Sample Description	Sample Matrix	Container Type	# of Cont.	Sampling Date	Sampling Time	Preservatives	Special Instructions
H-21 R	AQ	VOA/Amber	7	4-2-08	1310	HCL	Chrome
H-18 R	↓	↓	↓	↓	1420	↓	
040208 TB	↓	VOA	2	↓	1200	↓	Trip Blank
						COC	

Relinquished By: [illegible] Date / Time: 4-2-08 1522

Received By: [illegible] Date / Time: 4/2/08 15:22

Relinquished By: [illegible] 4/2/08 UPS Fed Ex Date / Time:

Received By: Date / Time:

Relinquished By: Date / Time:

Received in Lab By: Olga Olmelos Date / Time: 4/3/08 11:00

Turnaround Time: (Check)
same day ___ 72 hours ___
24 hours ___ 5 days ___
48 hours ___ normal X

Sample Integrity: (Check)
intact ✓ on ice ✓

Note: By relinquishing samples to TestAmerica, client agrees to pay for the services requested on this chain of custody form and any additional analyses performed on this project. Payment for services is due within 30 days from the date of invoice. Sample(s) will be disposed of after 30 days.

OO 4/3/08 11:50

7.0/5°C OS #51

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

CHAIN OF CUSTODY FORM

17461 Derian Ave., #100, Irvine, CA 92614 (949) 261-1022 FAX (949) 260-3297
1014 E. Cooley Dr., Suite A, Colton, CA 92324 (909) 370-4667 FAX (909) 370-1046
9830 South 51st St., Suite B-120, Phoenix, AZ 85044 (480) 785-0043 FAX (480) 785-0851
2520 E. Sunset Rd. #3, Las Vegas, NV 89120 (702) 798-3620 FAX (702) 798-3621

TAL-0013(1007)

IRD0177

Page 1 of 1

Client Name/Address: DE MAXIMIS INC.

Project/PO Number: 3200A CONSENT ORDER WELLS

Project Manager: Ed MODIANO

Phone Number: (619) 546-8377

Sampler: Carlos Cobos

Fax Number: (619) 546-9980

Sample Description	Sample Matrix	Container Type	# of Cont.	Sampling Date	Sampling Time	Preservatives	Organic Acids	8260B	8141A	8270						Special Instructions
H-21 R	AQ	VOA/1 LITER	7	4-2-08	1310	HCL	⊥	⊥	⊥	⊥						Irvine
H-18 R	⊥	⊥	⊥	⊥	1420	⊥	⊥	⊥	⊥	⊥						
040208 TB	⊥	VOA	2	⊥	1200	⊥										Trip Blank

COC

Relinquished By: [signature] Date/Time: 4-2-08 1522

Received By: [signature] Date/Time: 4/2/08 15 22

Relinquished By: [signature] 4/2/08 via FedEx Date/Time:

Received By: Date/Time:

Relinquished By: Date/Time:

Received in Lab By: Olga Cineles Date/Time: 4/3/08 11:00

Turnaround Time: (Check)
same day 72 hours
24 hours 5 days
48 hours normal X

Sample Integrity: (Check)
intact ✓ on ice ✓

0.0 4/3/08 11:50

Note: By relinquishing samples to TestAmerica, client agrees to pay for the services requested on this chain of custody form and any additional analyses performed on this project. Payment for services is due within 30 days from the date of invoice. Sample(s) will be disposed of after 30 days.

10/98 OS

#51

Alpha Analytical, Inc.

255 Glendale Ave. • Suite 21 • Sparks, Nevada 89431-5778
(775) 355-1044 • (775) 355-0406 FAX • 1-800-283-1183

ANALYTICAL REPORT

Test America Analytical Testing Corporation
17461 Derian Avenue. Suite 100
Irvine, CA 92614

Attn: Amy Windham
Phone: (949) 261-1022
Fax: (949) 261-1228
Date Received : 04/05/08

Job#: IRD0177

Organic Acids by HPLC
Alpha Acids

		Parameter	Concentration		Reporting Limit	Date Sampled	Date Analyzed
Client ID :	**IRD0177-01**						
Lab ID :	TAC08040723-01A	Dimethyl phosphorodithioic acid	ND		0.25 mg/L	04/02/08	04/14/08
		Benzenesulfonic acid	30		5.0 mg/L	04/02/08	04/14/08
		Phthalic acid	ND		0.050 mg/L	04/02/08	04/14/08
		Diethyl phosphorodithioic acid	140		5.0 mg/L	04/02/08	04/14/08
		4-Chlorobenzenesulfonic acid	28		5.0 mg/L	04/02/08	04/14/08
Client ID :	**IRD0177-02**						
Lab ID :	TAC08040723-02A	Dimethyl phosphorodithioic acid	ND	*	0.25 mg/L	04/02/08	04/14/08
		Benzenesulfonic acid	ND		0.050 mg/L	04/02/08	04/14/08
		Phthalic acid	ND		0.050 mg/L	04/02/08	04/14/08
		Diethyl phosphorodithioic acid	ND	*	0.050 mg/L	04/02/08	04/14/08
		4-Chlorobenzenesulfonic acid	ND		0.050 mg/L	04/02/08	04/14/08

*Spike confirmation recoveries for Dimethyl phosphorodithioic acid and Diethyl phosphorodithioic acid failed in-house laboratory criteria, indicating possible matrix effect. These analytes may be suspect.

Sample data was verified by spike addition confirmation.

ND = Not Detected

Roger Scholl Randy Gardner Walter Hinchman

Roger L. Scholl, Ph.D., Laboratory Director • • Randy Gardner, Laboratory Manager • • Walter Hinchman, Quality Assurance Officer
Sacramento, CA • (916) 366-9089 / Las Vegas, NV • (702) 736-7522 / info@alpha-analytical.com
Alpha Analytical, Inc. currently holds appropriate and available NDEP certifications for the data reported - certification #NV16.

4/15/08
Report Date

Alpha Analytical, Inc.

255 Glendale Ave. • Suite 21 • Sparks, Nevada 89431-5778

(775) 355-1044 • (775) 355-0406 FAX • 1-800-283-1183

Date: *16-Apr-08*

QC Summary Report

Work Order: 08040723

Method Blank

Type **MBLK** Test Code: **Alpha Acids**

File ID: Batch ID: **19647** Analysis Date: **04/14/2008 03:55**

Sample ID: **MBLK-19647** Units : **mg/L** Run ID: **HPLC_3_080411A** Prep Date: **04/11/2008**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
Dimethyl phosphorodithioic acid	ND	0.25								
Benzenesulfonic acid	ND	0.05								
Phthalic acid	ND	0.05								
Diethyl phosphorodithioic acid	ND	0.05								
4-Chlorobenzenesulfonic acid	ND	0.05								

Laboratory Control Spike

Type **LCS** Test Code: **Alpha Acids**

File ID: Batch ID: **19647** Analysis Date: **04/14/2008 04:58**

Sample ID: **LCS-19647** Units : **mg/L** Run ID: **HPLC_3_080411A** Prep Date: **04/11/2008**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
Dimethyl phosphorodithioic acid	1	0.25	1		100	50	150			
Benzenesulfonic acid	0.487	0.05	0.5		97	60	140			
Phthalic acid	0.477	0.05	0.5		95	60	140			
Diethyl phosphorodithioic acid	1.1	0.25	1		110	60	140			
4-Chlorobenzenesulfonic acid	0.532	0.05	0.5		106	60	140			

Sample Matrix Spike

Type **MS** Test Code: **Alpha Acids**

File ID: Batch ID: **19647** Analysis Date: **04/14/2008 10:51**

Sample ID: **08040723-01AMSA** Units : **mg/L** Run ID: **HPLC_3_080411A** Prep Date: **04/11/2008**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
Dimethyl phosphorodithioic acid	2.24	0.25	2	0	112	50	150			
Phthalic acid	1.05	0.05	1	0	105	60	140			

Sample Matrix Spike

Type **MS** Test Code: **Alpha Acids**

File ID: Batch ID: **19647** Analysis Date: **04/14/2008 14:42**

Sample ID: **08040723-01AMS** Units : **mg/L** Run ID: **HPLC_3_080411A** Prep Date: **04/11/2008**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
Benzenesulfonic acid	137	0.05	100	30.24	107	60	140			
Diethyl phosphorodithioic acid	439	0.25	200	139.5	150	60	140			M1
4-Chlorobenzenesulfonic acid	139	0.05	100	27.78	111	60	140			

Sample Matrix Spike Duplicate

Type **MSD** Test Code: **Alpha Acids**

File ID: Batch ID: **19647** Analysis Date: **04/14/2008 11:49**

Sample ID: **08040723-01AMSDA** Units : **mg/L** Run ID: **HPLC_3_080411A** Prep Date: **04/11/2008**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
Dimethyl phosphorodithioic acid	2.24	0.25	2	0	112	50	150	2.24	0.0(20)	
Phthalic acid	1.07	0.05	1	0	107	60	140	1.052	1.7(20)	

Sample Matrix Spike Duplicate

Type **MSD** Test Code: **Alpha Acids**

File ID: Batch ID: **19647** Analysis Date: **04/14/2008 15:40**

Sample ID: **08040723-01AMSD** Units : **mg/L** Run ID: **HPLC_3_080411A** Prep Date: **04/11/2008**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
Benzenesulfonic acid	145	0.05	100	30.24	115	60	140	137.2	5.6(20)	
Diethyl phosphorodithioic acid	400	0.25	200	139.5	130	60	140	439	9.2(20)	
4-Chlorobenzenesulfonic acid	138	0.05	100	27.78	110	60	140	139.1	1.1(20)	

Comments:

Calculations are based off of raw (non-rounded) data. However, for reporting purposes, all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.

M1 = Matrix spike recovery was high, the method control sample recovery was acceptable.

Sample data was verified by spike addition confirmation.

Billing Information :

CHAIN-OF-CUSTODY RECORD

NV

Alpha Analytical, Inc.
255 Glendale Avenue, Suite 21 Sparks, Nevada 89431-5778
TEL: (775) 355-1044 FAX: (775) 355-0406

WorkOrder : TAC08040723

Report Due By : 5:00 PM On : 16-Apr-08

Client:
Test America Analytical Testing Corporation
17461 Derian Avenue. Suite 100

Irvine, CA 92614

Report Attention	Phone Number	EMail Address
Amy Windham	(949) 261-1022 x	amy.windham@testamericainc.com

EDD Required : **Yes**

Sampled by : Client

PO :

Client's COC # : none Job : IRD0177

Cooler Temp	Samples Received	Date Printed
4 °C	05-Apr-08	07-Apr-08

QC Level : 4 = Final Rpt, MBLK, LCS, MS/MSD, InitCal/ConCal data

Alpha Sample ID	Client Sample ID	Matrix	Collection Date	No. of Bottles Alpha	Sub	TAT	Requested Tests ACIDS_HPLC_W								Sample Remarks
TAC08040723-01A	IRD0177-01	AQ	04/02/08 13:10	1	0	7	OrganicAcids								
TAC08040723-02A	IRD0177-02	AQ	04/02/08 14:20	1	0	7	OrganicAcids								

Comments: Samples rec'd Saturday 4/5/08, kept cold and secure until login on Monday. Security seals intact. Frozen ice. Level IV QC. :

	Signature	Print Name	Company	Date/Time
Logged in by:	K Murray	K Murray	Alpha Analytical, Inc.	4/7/08 1055

NOTE: Samples are discarded 60 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at client expense.
The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for the report.
Matrix Type : AQ(Aqueous) AR(Air) SO(Soil) WS(Waste) DW(Drinking Water) OT(Other) Bottle Type: L-Liter V-Voa S-Soil Jar O-Orbo T-Tedlar B-Brass P-Plastic OT-Other

SUBCONTRACT ORDER

TestAmerica Irvine

IRD0177

SENDING LABORATORY:

TestAmerica Irvine
17461 Derian Avenue. Suite 100
Irvine, CA 92614
Phone: (949) 261-1022
Fax: (949) 260-3297
Project Manager: Amy Windham

RECEIVING LABORATORY:

Alpha Analytical (Nevada) - SUB
255 Glendale Suite 21
Sparks, NV 89431
Phone :(775) 355-1044
Fax: na

Analysis	Due	Expires	Laboratory ID	Comments
Sample ID: IRD0177-01	**Water**	**Sampled:04/02/08 13:10**	[redacted]	TAC08040723-01
Organic Acids-Out	04/16/08 12:00	04/30/08 13:10		sub Alpha Analytical, Sparks NV VOAs unpres
Level 4 Data Package - Alpha,	04/16/08 12:00	04/30/08 13:10		use for Organic Acid
Containers Supplied:				
500 mL Poly (G)				
Sample ID: IRD0177-02	**Water**	**Sampled:04/02/08 14:20**	[redacted]	02
Organic Acids-Out	04/16/08 12:00	04/30/08 14:20		sub Alpha Analytical, Sparks NV VOAs unpres
Level 4 Data Package - Alpha,	04/16/08 12:00	04/30/08 14:20		use for Organic Acid
Containers Supplied:				
500 mL Poly (G)				

Released By	Date	Received By	Date
[signature]	4/3/08	[signature]	4-3-08 4:25
[signature]	4-4-08 4:30	[signature]	4/7/08 1050

Anatek Labs, Inc.

1282 Alturas Drive • Moscow, ID 83843 • (208) 883-2839 • Fax (208) 882-9246 • email moscow@anateklabs.com
504 E Sprague Ste. D • Spokane WA 99202 • (509) 838-3999 • Fax (509) 838-4433 • email spokane@anateklabs.com

Client SILVER STATE ANALYTICAL LABS
Address: 3638 E. SUNSET ROAD
LAS VEGAS, NV 89120
Attn: RON WINTER

Batch #: 080408027
Project Name: 8141

Analytical Results Report

Sample Number 080408027-001
Client Sample ID IRD0177-01
Matrix: Water

Sampling Date 4/4/2008

Date/Time Received 4/8/2008 10:50 AM
Extraction Date 4/10/2008

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Carbophenothion	ND	ug/L	0.5	4/21/2008	EMP	EPA 8141A	
Phosmet	ND	ug/L	0.5	4/21/2008	EMP	EPA 8141A	

Surrogate Data

Sample Number 080408027-001

Surrogate Standard	Method	Percent Recovery	Control Limits
Terphenyl-d14	EPA 8141A	97.3	30-140

Comments:

Anatek Labs, Inc.

1282 Alturas Drive • Moscow, ID 83843 • (208) 883-2839 • Fax (208) 882-9246 • email moscow@anateklabs.com
504 E Sprague Ste. D • Spokane WA 99202 • (509) 838-3999 • Fax (509) 838-4433 • email spokane@anateklabs.com

Client	SILVER STATE ANALYTICAL LABS	**Batch #:**	080408027
Address:	3638 E. SUNSET ROAD LAS VEGAS, NV 89120	**Project Name:**	8141
Attn:	RON WINTER		

Analytical Results Report

Sample Number	080408027-002	**Sampling Date**	4/4/2008	**Date/Time Received**	4/8/2008	10:50 AM
Client Sample ID	IRD0177-02			**Extraction Date**	4/10/2008	
Matrix:	Water					

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Carbophenothion	ND	ug/L	0.5	4/21/2008	EMP	EPA 8141A	
Phosmet	ND	ug/L	0.5	4/21/2008	EMP	EPA 8141A	

Surrogate Data

Sample Number 080408027-002

Surrogate Standard	Method	Percent Recovery	Control Limits
Terphenyl-d14	EPA 8141A	104.6	30-140

Authorized Signature

MCL EPA's Maximum Contaminant Level
ND Not Detected
PQL Practical Quantitation Limit

Comments:

SUBCONTRACT ORDER

TestAmerica Irvine

IRD0177

SENDING LABORATORY:

TestAmerica Irvine
17461 Derian Avenue. Suite 100
Irvine, CA 92614
Phone: (949) 261-1022
Fax: (949) 260-3297
Project Manager: Amy Windham

RECEIVING LABORATORY:

Silver State Analytical Labs (SUB)
5070 South Arville Street
Las Vegas, NV 89118
Phone :(702) 873-4478
Fax: (702) 873-7967
Project Location: Nevada
Receipt Temperature:_____°C Ice: Y / N

Analysis	Units	Due	Expires	Comments
Sample ID: IRD0177-01	**Water**		Sampled: **04/02/08 13:10**	
8141A-carbophenothion & pl	ug/l	04/16/08	04/09/08 13:10	sub to see PM!!!!!!-Carbophenthion & Phosmet only
Containers Supplied:				
1 L Amber (F)				
Sample ID: IRD0177-02	**Water**		Sampled: **04/02/08 14:20**	
8141A-carbophenothion & pl	ug/l	04/16/08	04/09/08 14:20	sub to see PM!!!!!!-Carbophenthion & Phosmet only
Containers Supplied:				
1 L Amber (F)				

08-~~1049~~ ✓

1049

Released By	Date/Time	Received By	Date/Time
Olga Ornelas	4/3/08 17:00	FedEx	4/3/08 17:00
			4/4/08 1200
Released By	Date/Time	Received By	Date/Time

080408 027 SSAL Last Due 4/18/2008
1st SAMP 4/4/2008 1st RCVD 4/8/2008
8141

SilverState Analytical Laboratories

3638 East Sunset Road, Suite 100, Las Vegas, Nevada 89115
Phone: (702) 873-4478 Fax: (702) 873-7967

CHAIN-OF-CUSTODY RECOR

Project/Job #:	Payment Method/PO #:

SEND INVOICE TO:	
Name:	
Company:	
Mailing Address:	
City, State, Zip:	

REPORT RESULTS TO:	
Name:	R. WINTER
Company:	
Mailing Address:	
City, State, Zip:	
Phone:	Fax:

Sampled By:

Report Attention: R. Winter

On-Site pH/Temperature:

Turnaround Time (Specify Below with an X):

Standard 10 Business Days [X]

Rush: 24h | 48h | 72h | Other

NOTE: A surcharge is applied for rush samples

Other Pertinent Info:

ANALYSES REQUESTED

Circle Applicable Program: SDWA CWA RCRA Other

Reporting requirements: RL MDL PQL

Report Level: I II III IV

NOTE: Surcharges apply to Level III and IV reports

Date Sampled	Time Sampled	Sample Location/ Sample ID	Silver State Lab ID	Comp/ Grab	Matrix*	Preservative	Number/Type of Containers**	*											*Metals:
[illegible]	10	1RDA177-01					1	X											* PH, SMCT
	1400	-02					1												?
													MWBS						CARBONATE
																			ONLY
																			SPC

Tampering with sample name, date, time, and location may constitute fraud

Relinquished by Signature/Print:	Time/Date: 4/4	Received by Signature/Print:	Time/Date:
Relinquished by Signature/Print:	Time/Date:	Received by Signature/Print:	Time/Date:
Relinquished by Signature/Print:	Time/Date:	Received by Signature/Print:	Time/Date:

Method of Delivery: Receiving Laboratory:

Special Instructions:

Authorized by: _____ Date: _____

Authorization is required to process samples. This obligates your organization for fee pertaining to services rendered. If collections or legal services are required to recover said fees, your organization will be responsible for all fees and cost in addition to service fees.

Note: Samples are discarded 30 days after results are reported. Samples deemed hazardous are returned to the client upon completion of analysis.

* Key: AQ - Aqueous S - Soil W - Waste OT - Other

** Key: P - Plastic G - Glass V - VOA Vial OT - Other

Case Narrative
for
de maximis, inc.
SDG: 206533

April 30, 2008

Laboratory Identification:

GEL Laboratories LLC
2040 Savage Road
Charleston, South Carolina 29407
(843) 556-8171

Summary

Sample Receipt The samples arrived at GEL Laboratories LLC, Charleston, South Carolina on April 11, 2008 and April 14, 2008 for analysis. The samples were delivered with proper chain of custody documentation and signatures. All sample containers arrived without any visible signs of tampering or breakage. Due to an error with Fed Ex, the samples for Radon 222 analysis were received out of holding on April 14, 2008. Analysis was canceled and the client recollected the samples for Radon 222. Please refer to the attached e-mail for further details. Shipping container temperature was within specification (4 +/- 2C).

Sample Identification The laboratory received the following samples:

Laboratory ID	Client ID
206533001	MC-49
206533002	MC-46
206533003	MC-50
206533004	MC-51
206533005	MC-53
206533006	MC-49
206533007	MC-47
206533008	MC-47 (FD)
206533009	MC-48

Case Narrative

Sample analyses were conducted using methodology as outlined in GEL Laboratories, LLC (GEL) Standard Operating Procedures. Any technical or administrative problems during analysis, data review, and reduction are contained in the analytical case narratives in the enclosed data package.

Data Package

The enclosed data package contains the following sections: General Narrative, Chain of Custody and Supporting Documentation, and data from the following fractions: Metals and Radiochemistry.

Edith M. Kent

Edith Kent

Project Manager

Chain of Custody and Supporting Documentation

Page: 1 of 1
Project #: DMA800108
GEL Quote #:
COC Number (1): GWTS 4/9/08
PO Number:

GEL Chain of Custody and Analytical Request

GEL Work Order Number: 2065338 2066768

GEL Laboratories, LLC
2040 Savage Road
Charleston, SC 29407
Phone: (843) 556-8171
Fax: (843) 766-1178

Client Name: de Maximis Phone #: 619 576 8377
Project/Site Name: Qtrly Transect Fax #: 619 576 7100
Address:
Collected by: M. Schmidt Send Results To:

Sample Analysis Requested (5) (Fill in the number of containers for each test)

Sample ID (* For composites - indicate start and stop date/time)	*Date Collected (mm-dd-yy)	*Time Collected (Military) (hhmm)	QC Code (2)	Field Filtered (3)	Sample Matrix (4)	Should this sample be considered: Radioactive	Should this sample be considered: TSCA Regulated	Total number of containers	Rn-222	Ra-224	Ra-228	TSOU							<-- Preservative Type (6)
MC-47	4/9/08	0805	N	N	GW				x	x	x	x							
MC-47 (FD)		0805 ~~0945~~	18 FD	N	GW				x	x	x	x							
MC-48		945							x	x	x	x							
MC-49		1040							x	x	x	x							
MC-46		1140							x	x	x	x							
MC-50		1230							x	x	x	x							
MC-51		1332							x	x	x	x							
MC-53	*	1430							x	x	x	x							

Comments
Note: extra sample is required for sample specific QC

TAT Requested: Normal: X Rush: ____ Specify: ____ (Subject to Surcharge) Fax Results: Yes / No Circle Deliverable: C of A / QC Summary / Level 1 / Level 2 / Level 3 / Level 4

Remarks: *Are there any known hazards applicable to these samples? If so, please list the hazards*

Sample Collection Time Zone
Eastern Pacific
Central Other ____
Mountain

Chain of Custody Signatures

Relinquished By (Signed)	Date	Time	Received by (signed)	Date	Time
1 [signature]	4/10/08	7Am	1 R.M. Stelly	4/11/08	1015
2			2 R.M. Stelly	4/14/08	0814
3			3		

Sample Shipping and Delivery Details
GEL PM:
Method of Shipment: Date Shipped:
Airbill #:
Airbill #:

1.) Chain of Custody Number = Client Determined
2.) QC Codes: **N** = Normal Sample, **TB** = Trip Blank, **FD** = Field Duplicate, **EB** = Equipment Blank, **MS** = Matrix Spike Sample, **MSD** = Matrix Spike Duplicate Sample, **G** = Grab, **C** = Composite
3.) Field Filtered: For liquid matrices, indicate with a - **Y** - for yes the sample was field filtered or - **N** - for sample was not field filtered.
4.) Matrix Codes: **DW**=Drinking Water, **GW**=Groundwater, **SW**=Surface Water, **WW**=Waste Water, **W**=Water, **SO**=Soil, **SD**=Sediment, **SL**=Sludge, **SS**=Solid Waste, **O**=Oil, **F**=Filter, **P**=Wipe, **U**=Urine, **F**=Fecal, **N**=Nasal
5.) Sample Analysis Requested: Analytical method requested (i.e. **8260B**, **6010B/7470A**) and number of containers provided for each (i.e. *8260B* - **3**, *6010B/7470A* - **1**).
6.) Preservative Type: **HA** = Hydrochloric Acid, **NI** = Nitric Acid, **SH** = Sodium Hydroxide, **SA** = Sulfuric Acid, **AA** = Ascorbic Acid, **HX** = Hexane, **ST** = Sodium Thiosulfate, If no preservative is added = leave field blank

For Lab Receiving Use Only
Custody Seal Intact? YES NO
Cooler Temp: 12/10 C

WHITE = LABORATORY **YELLOW = FILE** **PINK = CLIENT**

GEL Laboratories LLC

SAMPLE RECEIPT & REVIEW FORM

Client: Converse	SDG/ARCOC/Work Order: 206533 206676
Received By: RMS	Date Received: 4/11/08

Suspected Hazard Information	Yes	No	*If Counts > x2 area background on samples not marked "radioactive", contact the Radiation Safety Group of further investigation.
Marked as radioactive?		X	Maximum Counts Observed*:
Classified Radioactive II by RSO?		X	20 cpm
Marked containing PCBs?		X	
Shipped as a DOT Hazardous?		X	Hazard Class Shipped: UN#:
Identified as Foreign Soil?		X	

	Sample Receipt Criteria	Yes	NA	No	Comments/Qualifiers (Required for Non-Conforming Items)
1	Shipping containers received intact and sealed?	X			Circle Applicable: seals broken damaged container leaking container other (describe)
2	Samples requiring cold preservation within (4 +/- 2 C)?	X			Preservation Method: ice bags blue ice dry ice none other (describe) melted ice bags
3	Chain of custody documents included with shipment?	X			
4	Sample containers intact and sealed?	X			Circle Applicable: seals broken damaged container leaking container other (describe)
5	Samples requiring chemical preservation at proper pH?	X			Sample ID's, containers affected and observed pH: If Preservation added, Lot#:
6	VOA vials free of headspace (defined as < 6mm bubble)?		X		Sample ID's and containers affected:
7	Are Encore containers present?			X	(If yes, immediately deliver to Volatiles laboratory)
8	Samples received within holding time?	X			Id's and tests affected:
9	Sample ID's on COC match ID's on bottles?	X			Sample ID's and containers affected:
10	Date & time on COC match date & time on bottles?			X	Sample ID's affected: on sample MC-46 no time on bottle.
11	Number of containers received match number indicated on COC?			X	Sample ID's affected: see Continuation Form
12	COC form is properly signed in relinquished/received sections?	X			

Comments:

Fedex: 8653 8756 0042 12°C
8653 8756 0112 10°C

PM (or PMA) review: Initials EM Date 4/11/08

SAMPLE RECEIPT & REVIEW FORM
CONTINUATION FORM

GEL LABORATORIES, LLC

Client: Converse Date Received: 4/11/08 Page ___ of ___

Sample ID	# of containers
MC-49	2 (no Iso U container
MC-46	3
MC-50	3
MC-51	3
MC-53	3

Missing all Rn-222 containers

GEL Laboratories LLC

SAMPLE RECEIPT & REVIEW FORM

Client: Converse	**SDG/ARCOC/Work Order:** 2016533 2016676
Received By: RMS	**Date Received:** 4/14/08

Suspected Hazard Information	Yes	No	*If Counts > x2 area background on samples not marked "radioactive", contact the Radiation Safety Group of further investigation.
Marked as radioactive?		X	Maximum Counts Observed*:
Classified Radioactive II by RSO?		X	10 cpm
Marked containing PCBs?		X	
Shipped as a DOT Hazardous?		X	Hazard Class Shipped: UN#:
Identified as Foreign Soil?		X	

	Sample Receipt Criteria	Yes	NA	No	Comments/Qualifiers (Required for Non-Conforming Items)
1	Shipping containers received intact and sealed?	X			Circle Applicable: seals broken damaged container leaking container other (describe)
2	Samples requiring cold preservation within (4 +/- 2 C)?			X	Preservation Method: ice bags blue ice dry ice none other (describe) For Radon-222 17°C
3	Chain of custody documents included with shipment?	X			
4	Sample containers intact and sealed?	X			Circle Applicable: seals broken damaged container leaking container other (describe)
5	Samples requiring chemical preservation at proper pH?	X			Sample ID's, containers affected and observed pH: If Preservation added, Lot#:
6	VOA vials free of headspace (defined as < 6mm bubble)?	X			Sample ID's and containers affected:
7	Are Encore containers present?			X	(If yes, immediately deliver to Volatiles laboratory)
8	Samples received within holding time?			X	Id's and tests affected: Not for Radon-222
9	Sample ID's on COC match ID's on bottles?	X			Sample ID's and containers affected:
10	Date & time on COC match date & time on bottles?	X			Sample ID's affected:
11	Number of containers received match number indicated on COC?	X			Sample ID's affected:
12	COC form is properly signed in relinquished/received sections?	X			

Comments:

Fedex: 8653 8756 0123

Please see SRR from 4/11/08. All samples missing from 4/11/08 were received 4/14/08. EM

PM (or PMA) review: Initials EM Date 4/15/08 rec'd 4/14/08

Subject: RE: Samples Received for Quarterly Transect Condition on Receipt - Please Advise
From: "Doug R. Bell(LV)" <dbell@ConverseConsultants.com>
Date: Fri, 11 Apr 2008 12:39:35 -0700
To: "Edith Kent" <emk@gel.com>
CC: "Ed Modiano" <edm@demaximis.com>, "John Powell" <John.Powell@gel.com>, "Heather Shaffer" <heather.shaffer@gel.com>, "Jason Polito" <jas01382@gel.com>, "Jeannette Gilmetti" <jea01434@gel.com>, "Mike Kinslow" <michael.kinslow@mail.gel.com>, "Robert Stelling" <rob01302@gel.com>, "Matt J. Schmidt(LV)" <mschmidt@ConverseConsultants.com>

Hi Edie,

I've been unable to get in touch with Ed Modiano. I'm inclined to analyze the Rn-222 samples if they arrive tomorrow (Saturday). If you don't see them by Saturday, then please let me know by Monday morning so I can speak with Ed and we can decide where to go from there.

Have a good weekend.

Doug

-----Original Message-----
From: Edith Kent [mailto:emk@gel.com]
Sent: Friday, April 11, 2008 10:00 AM
To: Doug R. Bell(LV)
Cc: Ed Modiano; John Powell; Heather Shaffer; Jason Polito; Jeannette Gilmetti; Mike Kinslow; Robert Stelling
Subject: Samples Received for Quarterly Transect Condition on Receipt - Please Advise
Importance: High

We did not receive all of the sample containers. One of the coolers is missing (FedEx tracking # 865387560123). The cooler is still in Memphis, TN. That cooler has all of the Rn-222 containers in it. Since the samples received today came in at 10C and 12C (which is not an issue for what we received today), I suspect that all of the Rn-222 containers will be received out of temperature specifications. Also, it is possible that the missing cooler may be delivered tomorrow but more likely we will receive it on Monday which will mean that all of the Rn-222 will be out of holding. We did not receive any bottles for samples MC-47, MC-47 (FD) and MC-48. We are also missing the Iso U bottle for MC-49.

Please let us know whether you want us to proceed with the Rn-222 no matter the conditions or if you need us to ship new containers for the Rn-222 for you to resample if necessary.

Edie

--

Edith M. Kent
Project Manager
GEL Laboratories, LLC
2040 Savage Road
Charleston, SC (USA) 29407
Direct: 843.769.7385 x4453
Main: 843.556.8171
Fax: 843.766.1178
E-mail: emk@gel.com
Web: www.gel.com

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Subject: Status of Missing Samples
From: Edith Kent <emk@gel.com>
Date: Sat, 12 Apr 2008 11:18:01 -0400
To: "Doug R. Bell(LV)" <dbell@ConverseConsultants.com>, Ed Modiano <edm@demaximis.com>
CC: John Powell <John.Powell@gel.com>

Doug:
The missing cooler ended up in Columbia, SC so we won't see it until Monday. I'm sending you replacement bottles for the Rn-222 on Monday so you will have them Tuesday. I'm not sure if I mentioned this earlier but please collect with zero headspace.

Edie

--

Edith M. Kent
Project Manager
GEL Laboratories, LLC
2040 Savage Road
Charleston, SC (USA) 29407
Direct: 843.769.7385 x4453
Main: 843.556.8171
Fax: 843.766.1178
E-mail: emk@gel.com
Web: www.gel.com

Data Package Qualifier Definitions

Data Review Qualifier Definitions

Qualifier	Explanation
*	A quality control analyte recovery is outside of specified acceptance criteria
**	Analyte is a surrogate compound
<	Result is less than value reported
>	Result is greater than value reported
^	RPD of sample and duplicate evaluated using +/-RL. Concentrations are <5X the RL
A	The TIC is a suspected aldol-condensation product
B	Target analyte was detected in the associated blank
B	Metals-Either presence of analyte detected in the associated blank, or MDL/IDL < sample value < PQL
BD	Results are either below the MDC or tracer recovery is low
C	Analyte has been confirmed by GC/MS analysis
D	Results are reported from a diluted aliquot of the sample
d	5-day BOD-The 2:1 depletion requirement was not met for this sample
E	Organics-Concentration of the target analyte exceeds the instrument calibration range
E	Metals-%difference of sample and SD is >10%. Sample concentration must meet flagging criteria
H	Analytical holding time was exceeded
h	Preparation or preservation holding time was exceeded
J	Value is estimated
N	Metals-The Matrix spike sample recovery is not within specified control limits
N	Organics-Presumptive evidence based on mass spectral library search to make a tentative identification of the analyte (TIC). Quantitation is based on nearest internal standard response factor
N/A	Spike recovery limits do not apply. Sample concentration exceeds spike concentration by 4X or more
ND	Analyte concentration is not detected above the reporting limit
UI	Gamma Spectroscopy-Uncertain identification
X	Consult Case Narrative, Data Summary package, or Project Manager concerning this qualifier
Y	QC Samples were not spiked with this compound
Z	Paint Filter Test-Particulates passed through the filter, however no free liquids were observed.

Laboratory Certifications

List of current GEL Certifications as of 30 April 2008

State	Certification
Alaska	UST-062
Arizona	AZ0668
Arkansas	88-0651
CLIA	42D0904046
California	01151CA
Colorado	GenEngLabs
Connecticut	PH-0169
Dept. of Navy	NFESC 413
EPA	WG-15J
Florida/NELAP	E87156
Georgia	E87156 (FL/NELAP)
Hawaii	N/A
Idaho	N/A
Illinois	200029
Indiana	C-SC-01
Kansas	E-10332
Kentucky	90129
Louisiana	03046
Maryland	270
Massachusetts	M-SC012
Michigan	9903
Nevada	SC12
New Jersey	SC002
New Mexico	FL NELAP E87156
New York	11501
North Carolina	233
North Carolina Drinking W	45709
North Dakota	R-158
Oklahoma	9904
Pennsylvania	68-00485
South Carolina	10120001/10585001/10120002
Tennessee	02934
Texas NELAP	T104704235-07-TX
U.S. Dept. of Agriculture	S-52597
US Army Corps of Engineer	N/A
Utah	8037697376 GEL
Vermont	VT87156
Virginia	00151
Washington	C1641

Metals Analysis

Case Narrative

Metals Fractional Narrative
de maximis, inc. (DMAX)
SDG 206533

Sample Analysis

Sample ID	Client ID
206533002	MC-46
206533003	MC-50
206533004	MC-51
206533005	MC-53
206533006	MC-49
206533007	MC-47
206533008	MC-47 (FD)
206533009	MC-48
1201557999	Method Blank (MB) **ICP-MS**
1201558000	Laboratory Control Sample (LCS)
1201558003	206533002(MC-46L) Serial Dilution (SD)
1201558001	206533002(MC-46D) Sample Duplicate (DUP)
1201558002	206533002(MC-46S) Matrix Spike (MS)

The samples in this SDG were analyzed on an "as received" basis.

Method/Analysis Information

Analytical Batch: 745819
Prep Batch : 745818
Standard Operating Procedures: GL-MA-E-014 REV# 15 and GL-MA-E-006 REV# 9
Analytical Method: SW846 3005/6020
Prep Method : SW846 3005A

Preparation/Analytical Method Verification

The SOP stated above has been prepared based on technical research and testing conducted by GEL Laboratories, LLC. and with guidance from the regulatory documents listed in this "Method/Analysis Information" section.

System Configuration

The Metals analysis - ICPMS was performed on a Perkin Elmer ELAN 6100E inductively coupled plasma mass spectrometer (ICP-MS). The instrument is equipped with a cross-flow nebulizer, quadrupole mass spectrometer, and dual mode electron multiplier detector. Internal standards of scandium, germanium, indium, tantalum, and/or lutetium were utilized to cover the mass spectrum. Operating conditions are set at 1400W power and combined argon pressures of 3607 kPa for the plasma and auxiliary gases, and 0.85 L/min carrier gas flow, and an initial lens voltage of 5.2.

Calibration Information

Instrument Calibration

All initial calibration requirements have been met for this sample delivery group (SDG).

CRDL Requirements

All CRDL standard(s) met the referenced advisory control limits.

ICSA/ICSAB Statement

All interference check samples (ICSA and ICSAB) associated with this SDG met the established acceptance criteria.

Continuing Calibration Blank (CCB) Requirements

All continuing calibration blanks (CCB) bracketing this batch met the established acceptance criteria.

Continuing Calibration Verification (CCV) Requirements

All continuing calibration verifications (CCV) bracketing this SDG met the acceptance criteria.

Quality Control (QC) Information

Method Blank (MB) Statement

The MB analyzed with this SDG met the acceptance criteria.

Laboratory Control Sample (LCS) Recovery

The LCS spike recoveries met the acceptance limits.

Quality Control (QC) Sample Statement

The following sample was selected as the quality control (QC) sample for this SDG: 206533002 (MC-46).

Matrix Spike (MS) Recovery Statement

The percent recoveries (%R) obtained from the MS analyses are evaluated when the sample concentration is less than four times (4X) the spike concentration added. All applicable elements met the acceptance criteria.

Duplicate Relative Percent Difference (RPD) Statement
The RPD obtained from the designated sample duplicate (DUP) is evaluated based on acceptance criteria of 20% when the sample is >5X the contract required detection limit (RL). In cases where either the sample or duplicate value is less than 5X the RL, a control of RL is used to evaluate the DUP results. All applicable analytes met these requirements.

Serial Dilution % Difference Statement
The serial dilution is used to assess matrix suppression or enhancement. Raw element concentrations that are 25X the IDL for CVAA, 50X the IDL for ICP, and 100X the IDL for ICP-MS analyses are applicable for serial dilution assessment. All applicable analytes met the acceptance criteria of less than 10% difference (%D).

Technical Information

Holding Time Specifications
GEL assigns holding times based on the associated methodology, which assigns the date and time from sample collection of sample receipt. Those holding times expressed in hours are calculated in the AlphaLIMS system. Those holding times expressed as days expire at midnight on the day of expiration. All samples in this SDG met the specified holding time.

Preparation/Analytical Method Verification
All procedures were performed as stated in the SOP.

Sample Dilutions
Dilutions are performed to minimize matrix interferences resulting from elevated mineral element concentrations present in solid samples and/or to bring over range target analyte concentrations into the linear calibration range of the instrument. The samples in this SDG did not require dilutions.

Preparation Information
The samples in this SDG were prepared exactly according to the cited SOP.

Miscellaneous Information

Nonconformance Documentation
Nonconformance reports (NCRs) are generated to document procedural anomalies that may deviate from referenced SOP or contractual documents. An NCR was not required for this SDG. A nonconformance report (NCR) was not generated for this SDG.

Additional Comments
Additional comments were not required for this SDG.

Certification Statement

Where the analytical method has been performed under NELAP certification, the analysis has met all of the requirements of the NELAC standard unless otherwise noted in the analytical case narrative.

Review Validation:

GEL requires all analytical data to be verified by a qualified data validator. In addition, all data designated for CLP or CLP-like packaging will receive a third level validation upon completion of the data package.

The following data validator verified the information presented in this case narrative:

Reviewer:_____ **Date:**_____

Sample Data Summary

METALS
−1−
INORGANICS ANALYSIS DATA PACKAGE

SDG No: 206533 **METHOD TYPE:** SW846

SAMPLE ID: 206533002 **CLIENT ID:** MC−46

CONTRACT: DMAX00108

MATRIX: G **DATE RECEIVED** 11−APR−08 **LEVEL:** Low **%SOLIDS:**

CAS No	Analyte	Result	Units	C	Qual	M	MDL	DF	Instrument ID	Analytical Run
7440−61−1	Uranium	28.4	ug/L			MS	0.05	1	ICPMS3	080430−1

METALS
−1−
INORGANICS ANALYSIS DATA PACKAGE

SDG No: 206533 **METHOD TYPE:** SW846

SAMPLE ID: 206533003 **CLIENT ID:** MC−50

CONTRACT: DMAX00108

MATRIX: G **DATE RECEIVED** 11−APR−08 **LEVEL:** Low **%SOLIDS:**

CAS No	Analyte	Result	Units	C	Qual	M	MDL	DF	Instrument ID	Analytical Run
7440−61−1	Uranium	39.1	ug/L			MS	0.05	1	ICPMS3	080430−1

METALS
−1−
INORGANICS ANALYSIS DATA PACKAGE

SDG No: 206533 **METHOD TYPE:** SW846

SAMPLE ID: 206533004 **CLIENT ID:** MC−51

CONTRACT: DMAX00108

MATRIX: G **DATE RECEIVED** 11−APR−08 **LEVEL:** Low **%SOLIDS:**

CAS No	Analyte	Result	Units	C	Qual	M	MDL	DF	Instrument ID	Analytical Run
7440−61−1	Uranium	41.7	ug/L			MS	0.05	1	ICPMS3	080430−1

METALS
−1−
INORGANICS ANALYSIS DATA PACKAGE

SDG No: 206533 **METHOD TYPE:** SW846

SAMPLE ID: 206533005 **CLIENT ID:** MC−53

CONTRACT: DMAX00108

MATRIX: G **DATE RECEIVED** 11−APR−08 **LEVEL:** Low **%SOLIDS:**

CAS No	Analyte	Result	Units	C	Qual	M	MDL	DF	Instrument ID	Analytical Run
7440−61−1	Uranium	68.5	ug/L			MS	0.05	1	ICPMS3	080430−1

METALS
−1−
INORGANICS ANALYSIS DATA PACKAGE

SDG No: 206533 **METHOD TYPE:** SW846

SAMPLE ID: 206533006 **CLIENT ID:** MC−49

CONTRACT: DMAX00108

MATRIX: G **DATE RECEIVED** 14−APR−08 **LEVEL:** Low **%SOLIDS:**

CAS No	Analyte	Result	Units	C	Qual	M	MDL	DF	Instrument ID	Analytical Run
7440−61−1	Uranium	22.1	ug/L			MS	0.05	1	ICPMS3	080430−1

METALS
−1−
INORGANICS ANALYSIS DATA PACKAGE

SDG No: 206533 **METHOD TYPE:** SW846

SAMPLE ID: 206533007 **CLIENT ID:** MC−47

CONTRACT: DMAX00108

MATRIX: G **DATE RECEIVED** 14−APR−08 **LEVEL:** Low **%SOLIDS:**

CAS No	Analyte	Result	Units	C	Qual	M	MDL	DF	Instrument ID	Analytical Run
7440−61−1	Uranium	29.3	ug/L			MS	0.05	1	ICPMS3	080430−1

METALS
−1−
INORGANICS ANALYSIS DATA PACKAGE

SDG No: 206533 **METHOD TYPE:** SW846

SAMPLE ID: 206533008 **CLIENT ID:** MC−47 (FD)

CONTRACT: DMAX00108

MATRIX: G **DATE RECEIVED** 14−APR−08 **LEVEL:** Low **%SOLIDS:**

CAS No	Analyte	Result	Units	C	Qual	M	MDL	DF	Instrument ID	Analytical Run
7440−61−1	Uranium	24.7	ug/L			MS	0.05	1	ICPMS3	080430−1

METALS
−1−
INORGANICS ANALYSIS DATA PACKAGE

SDG No: 206533 **METHOD TYPE:** SW846

SAMPLE ID: 206533009 **CLIENT ID:** MC−48

CONTRACT: DMAX00108

MATRIX: G **DATE RECEIVED** 14−APR−08 **LEVEL:** Low **%SOLIDS:**

CAS No	Analyte	Result	Units	C	Qual	M	MDL	DF	Instrument ID	Analytical Run
7440−61−1	Uranium	29.5	ug/L			MS	0.05	1	ICPMS3	080430−1

Quality Control Summary

METALS
−2a−
Initial and Continuing Calibration Verification

SDG No: 206533

Contract: DMAX00108 **Lab Code:** GEL

Initial Calibration Source: Solutions Plus

Continuing Calibration Source: O2Si

Instrument ID: ICPMS3

Sample ID	Analyte	Result	Units	True Value	Units	% Recovery	Acceptance Window (%R)	M	Analysis Date/Time	Run Number
ICV01										
	Uranium	53.2	ug/L	50	ug/L	106.4	90.0 − 110.0	MS	30−APR−08 12:58	080430−1
CCV01										
	Uranium	52.2	ug/L	50	ug/L	104.3	90.0 − 110.0	MS	30−APR−08 13:10	080430−1
CCV02										
	Uranium	53.3	ug/L	50	ug/L	106.6	90.0 − 110.0	MS	30−APR−08 13:29	080430−1
CCV03										
	Uranium	49.5	ug/L	50	ug/L	98.9	90.0 − 110.0	MS	30−APR−08 13:48	080430−1
CCV04										
	Uranium	50.3	ug/L	50	ug/L	100.7	90.0 − 110.0	MS	30−APR−08 14:10	080430−1

METALS
−2b−
CRDL Standard for AA & ICP

SDG No: 206533

Contract: DMAX00108 **Lab Code:** GEL

AA CRDL Standard Source: SPEX

ICP CRDL Standard Source Solutions Plus

Instrument ID: ICPMS3

Sample ID	Analyte	Result	Units	True Value	Units	% Recovery	Advisory Limits (%R)	M	Analysis Date/Time	Run Number
CRDL01										
	Uranium	.218	ug/L	.2	ug/L	109	70.0 − 130.0	MS	30−APR−08 13:03	080430−1

Metals
−3a−
Initial and Continuing Calibration Blank Summary

SDG No.: 206533

Contract: DMAX00108

Lab Code: GEL

Sample ID	Analyte	Result ug/L	Acceptance	Conc Qual	MDL	RDL	Matrix	M	Analysis Date/Time	Run
ICB01										
	Uranium	0.05	+/−.2	U	0.05	0.2	LIQ	MS	30−APR−08 13:00	080430−1
CCB01										
	Uranium	0.05	+/−.2	U	0.05	0.2	LIQ	MS	30−APR−08 13:12	080430−1
CCB02										
	Uranium	0.05	+/−.2	U	0.05	0.2	LIQ	MS	30−APR−08 13:31	080430−1
CCB03										
	Uranium	0.05	+/−.2	U	0.05	0.2	LIQ	MS	30−APR−08 13:51	080430−1
CCB04										
	Uranium	0.05	+/−.2	U	0.05	0.2	LIQ	MS	30−APR−08 14:12	080430−1

METALS
−3b−
PREPARATION BLANK SUMMARY

SDG NO. 206533

Contract: DMAX00108

Matrix: GROUND WATER

Sample ID	Analyte	Result	Units	Acceptance Window	Conc Qual	M	MDL	RDL
1201557999								
	Uranium	0.05	ug/L	+/−0.2	U	MS	0.05	0.2

METALS
−4−
Interference Check Sample

SDG No: 206533

Contract: DMAX00108 **Lab Code:** GEL

ICS: O2Si

Instrument: ICPMS3

Sample ID	Analyte	Result	Units	True Value	Units	% Recovery	Acceptance Window (%R)	Analysis Date/Time	Run Number
ICSA01									
	Uranium	−0.027	ug/L					30−APR−08 13:05	080430−1
ICSAB01									
	Uranium	22.0	ug/L	20	ug/L	110	80.0 − 120.0	30−APR−08 13:07	080430−1

METALS
−5a−

Matrix Spike Summary

SDG NO. 206533 **Client ID** MC−46S

Contract: DMAX00108 **Level:** Low

Matrix: GROUND WATER **% Solids:**

Sample ID: 206533002 **Spike ID:** 1201558002

Analyte	Units	Acceptance Limit	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Uranium	ug/L	75−125	79.6		28.4		50	102		MS

Metals
−6−
Duplicate Sample Summary

SDG No.: 206533

Contract: DMAX00108 **Lab Code:** GEL

Matrix: LIQUID **Level:** Low **Client ID:** MC−46D

Sample ID: 206533002 **Duplicate ID:** 1201558001 **Percent Solids for Dup:** N/A

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Uranium	ug/L	+/−20%	28.4		28.1		1.27		MS

METALS
−7−
Laboratory Control Sample Summary

SDG NO. 206533

Contract: DMAX00108

Aqueous LCS Source: o2si **Solid LCS Source:**

Sample ID	Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limit	M
1201558000								
	Uranium	ug/L	50	52		104	80−120	MS

METALS
−9−
Serial Dilution Sample Summary

SDG NO. 206533 **Client ID:** MC−46L

Contract: DMAX00108

Matrix: LIQUID **Level:** Low

Sample ID: 206533002 **Serial Dilution ID:** 1201558003

Analyte	Initial Value ug/L	C	Serial Value ug/L	C	% Difference	Qual	Acceptance Limit	M
Uranium	28.4		27.6		2.82		10	MS

METALS
−13−
SAMPLE PREPARATION SUMMARY

SDG No: 206533 **Method Type:** MS

Contract: DMAX00108 **Lab Code:** GEL

Sample ID	Client ID	Sample Type	Matrix	Prep Date	Initial Sample Size	Final Sample Volume	Percent Solids
Batch Number 745818							
1201557999	MB for batch 745818	MB	GROUND WATER	21−APR−08	50mL	50mL	
1201558000	LCS for batch 745818	LCS	GROUND WATER	21−APR−08	50mL	50mL	
1201558002	MC−46S	MS	GROUND WATER	21−APR−08	50mL	50mL	
1201558001	MC−46D	DUP	GROUND WATER	21−APR−08	50mL	50mL	
206533002	MC−46	SAMPLE	GROUND WATER	21−APR−08	50mL	50mL	
206533003	MC−50	SAMPLE	GROUND WATER	21−APR−08	50mL	50mL	
206533004	MC−51	SAMPLE	GROUND WATER	21−APR−08	50mL	50mL	
206533005	MC−53	SAMPLE	GROUND WATER	21−APR−08	50mL	50mL	
206533006	MC−49	SAMPLE	GROUND WATER	21−APR−08	50mL	50mL	
206533007	MC−47	SAMPLE	GROUND WATER	21−APR−08	50mL	50mL	
206533008	MC−47 (FD)	SAMPLE	GROUND WATER	21−APR−08	50mL	50mL	
206533009	MC−48	SAMPLE	GROUND WATER	21−APR−08	50mL	50mL	

Metals
−14−
Analysis Run Log

Contract: DMAX00108
Lab Code: GEL
Inst Name: ICPMS3
Start Date: 30−APR−08
End Date: 30−APR−08
Client Sdg: 206533
Method MS
Data File: 080430−1

Samp No.	D/F	Run Time	U
S0.0	1	12:51	X
S10	1	12:54	X
S100	1	12:56	X
ICV01	1	12:58	X
ICB01	1	13:00	X
CRDL01	1	13:03	X
ICSA01	1	13:05	X
ICSAB01	1	13:07	X
CCV01	1	13:10	X
CCB01	1	13:12	X
ZZZZZZ	1	13:15	
ZZZZZZ	1	13:17	
ZZZZZZ	1	13:19	
ZZZZZZ	1	13:22	
ZZZZZZ	1	13:24	
ZZZZZZ	5	13:26	
CCV02	1	13:29	X
CCB02	1	13:31	X
1201557999	1	13:34	X
1201558000	1	13:36	X
206533002	1	13:39	X
1201558001	1	13:41	X
1201558002	1	13:44	X
1201558003	5	13:46	X
CCV03	1	13:48	X
CCB03	1	13:51	X
206533003	1	13:53	X
206533004	1	13:55	X
206533005	1	13:58	X
206533006	1	14:00	X
206533007	1	14:03	X
206533008	1	14:05	X
206533009	1	14:07	X
CCV04	1	14:10	X
CCB04	1	14:12	X

Standards

METALS
−10−
Instrument Detection Limits

SDG NO. 206533

Contract: DMAX00108 **Lab Code: GEL** **MDL Effective Date:** 23−JUL−07

ICP/MS	Analyte	Wavelength (nm)	MDL ug/L	RDL ug/L
LIQUID	Uranium		0.05	.2

METALS
−12−
Linear Ranges

SDG NO. 206533

Contract: DMAX00108 **Lab Code: GEL**

Instrument ID ICPMS3

Analyte	Integration Time	LDR	Units	Effective Date
Uranium		5000	ug/L	01−FEB−08

Raw Data

ICPMS#3 Daily Performance Report

Sample ID: Sample
Sample Date/Time: Wednesday, April 30, 2008 11:27:28
Sample Description:
Method File: c:\elandata\Method\daily2.mth
Dataset File: c:\elandata\Dataset\default\Sample.9671
Tuning File: c:\elandata\Tuning\default2.tun
Optimization File: c:\elandata\Optimize\default.dac
Dual Detector Mode: Pulse

Acq. Dead Time(ns): 35
Current Dead Time (ns): 35

Number of Replicates: 5

Summary

	Analyte	Mass	Meas. Intens. Mean	Net Intens. Mean	Net Intens. SD	Net Intens. RSD
	Be	9.0	1462.3	1462.275	44.790	3.1
	Mg	24.0	15014.5	15014.491	428.104	2.9
	Co	58.9	36377.7	36377.688	1041.459	2.9
	Rh	102.9	89442.5	89442.479	2360.850	2.6
	In	114.9	112914.1	112914.059	2548.234	2.3
	Pb	208.0	54255.7	54255.667	1095.318	2.0
⌈>	Ba	137.9	98127.9	98127.945	2082.327	2.1
⌊	Ba++	69.0	1819.2	0.019	0.001	3.0
⌈>	Ce	139.9	120469.6	120469.567	3544.988	2.9
⌊	CeO	155.9	1374.9	0.011	0.000	0.7
	Bkgd	220.0	24.3	24.300	3.094	12.7

Current Optimization File Data

Current Value	Description
0.86	Nebulizer Gas Flow
11.00	Lens Voltage
1450.00	ICP RF Power
-1843.75	Analog Stage Voltage
1300.00	Pulse Stage Voltage
70.00	Discriminator Threshold
-7.00	AC Rod Offset
60.00	Service DAC 1
0.00	Quadrupole Rod Offset

Current Autolens Data

Analyte	Mass	Num of Pts	DAC Value	Maximum Intensity
Be	9	21	7.5	1527.1
Co	59	21	8.0	44110.3
In	115	21	9.3	138897.6

ICPMS#3 Instrument Tuning Report

File Name: default2.tun
File Path: c:\elandata\Tuning

Analyte	Exact Mass	Meas. Mass	Mass DAC	Res. DAC	Meas Peak W
He	3.0	3.0	598	2080	0.654
Be	9.0	9.0	2036	2090	0.670
Mg	24.0	23.9	5736	2170	0.683
Mg	25.0	25.0	5836	2000	0.653
Mg	26.0	26.0	6287	2220	0.636
Co	58.9	59.0	14192	2140	0.681
Rh	102.9	102.9	24890	2180	0.685
In	114.9	114.9	27814	2190	0.687
Ce	139.9	139.9	33902	2220	0.662
Pb	206.0	206.0	50004	2300	0.660
Pb	207.0	207.0	50253	2285	0.705
Pb	208.0	208.0	50486	2330	0.660
U	238.1	238.1	57832	2350	0.653

ICPMS#3 - Summary Report

Sample ID: Blank
Sample Date/Time: Wednesday, April 30, 2008 12:51:39
Sample Type:
Sample Description:
Number of Replicates: 3
Batch ID:
Method File: c:\elandata\Method\cu and u.mth
Dataset File: c:\elandata\Dataset\080428\Blank.289

Concentration Results

	Analyte	Mass	**Conc. Mean**	**Report Unit**	Conc. RSD	Meas. Intens. Mean	Net Intens. Mean
>	Sc	45		**ug/L**		873283	
	Cu	63		**ug/L**		384	
	Cu	65		**ug/L**		191	
>	Lu	175		**ug/L**		213918	
	U	238		**ug/L**		301	

Calibration

Analyte	Mass	Curve Type	Correlation Coefficient
Sc	45	Linear Thru Zero	
Cu	63	Linear Thru Zero	
Cu	65	Linear Thru Zero	
Lu	175	Linear Thru Zero	
U	238	Linear Thru Zero	

QC Calculated Values

	Analyte	Mass	QC Std % Recovery	Int Std % Recovery	Spike % Recovery	Dilution % Diff	Dup. Rel. % Diff
>	Sc	45					
	Cu	63					
	Cu	65					
>	Lu	175					
	U	238					

QC Out Of Limits

Measurement Type	Analyte	Mass	Out of Limits Message

QC Action

QC Action Line: No QC out of limits detected

ICPMS#3 - Summary Report

Sample ID: Standard 1
Sample Date/Time: Wednesday, April 30, 2008 12:54:00
Sample Type:
Sample Description:
Number of Replicates: 3
Batch ID:
Method File: c:\elandata\Method\cu and u.mth
Dataset File: c:\elandata\Dataset\080428\Standard 1.290

Concentration Results

	Analyte	Mass	**Conc. Mean**	**Report Unit**	Conc. RSD	Meas. Intens. Mean	Net Intens. Mean
>	Sc	45		**ug/L**		864766	864765.717
	Cu	63		**ug/L**		18655	0.021
	Cu	65	**10.000**	**ug/L**	9.555	8839	0.010
>	Lu	175		**ug/L**		214943	214943.064
	U	238	**10.000**	**ug/L**	5.792	97051	0.450

Calibration

Analyte	Mass	Curve Type	Correlation Coefficient
Sc	45	Linear Thru Zero	
Cu	63	Linear Thru Zero	
Cu	65	Linear Thru Zero	1.0000
Lu	175	Linear Thru Zero	
U	238	Linear Thru Zero	1.0000

QC Calculated Values

	Analyte	Mass	QC Std % Recovery	Int Std % Recovery	Spike % Recovery	Dilution % Diff	Dup. Rel. % Diff
>	Sc	45					
	Cu	63					
	Cu	65					
>	Lu	175					
	U	238					

QC Out Of Limits

Measurement Type	Analyte	Mass	Out of Limits Message

QC Action

QC Action Line: No QC out of limits detected

ICPMS#3 - Summary Report

Sample ID: Standard 2
Sample Date/Time: Wednesday, April 30, 2008 12:56:18
Sample Type:
Sample Description:
Number of Replicates: 3
Batch ID:
Method File: c:\elandata\Method\cu and u.mth
Dataset File: c:\elandata\Dataset\080428\Standard 2.291

Concentration Results

	Analyte	Mass	**Conc. Mean**	**Report Unit**	Conc. RSD	Meas. Intens. Mean	Net Intens. Mean
>	Sc	45		**ug/L**		866212	866212.064
	Cu	63		**ug/L**		179581	0.207
	Cu	65	**99.992**	**ug/L**	9.857	86126	0.099
>	Lu	175		**ug/L**		220072	220072.296
	U	238	**99.931**	**ug/L**	6.961	926062	4.213

Calibration

Analyte	Mass	Curve Type	Correlation Coefficient
Sc	45	Linear Thru Zero	
Cu	63	Linear Thru Zero	
Cu	65	Linear Thru Zero	1.0000
Lu	175	Linear Thru Zero	
U	238	Linear Thru Zero	1.0000

QC Calculated Values

	Analyte	Mass	QC Std % Recovery	Int Std % Recovery	Spike % Recovery	Dilution % Diff	Dup. Rel. % Diff
>	Sc	45					
	Cu	63					
	Cu	65					
>	Lu	175					
	U	238					

QC Out Of Limits

Measurement Type	Analyte	Mass	Out of Limits Message

QC Action

QC Action Line: No QC out of limits detected

ICPMS#3 - Summary Report

Sample ID: QC Std 1
Sample Date/Time: Wednesday, April 30, 2008 12:58:36
Sample Type:
Sample Description:
Number of Replicates: 3
Batch ID:
Method File: c:\elandata\Method\cu and u.mth
Dataset File: c:\elandata\Dataset\080428\QC Std 1.292

Concentration Results

	Analyte	Mass	**Conc. Mean**	**Report Unit**	Conc. RSD	Meas. Intens. Mean	Net Intens. Mean
>	Sc	45		**ug/L**		865349	865348.907
	Cu	63		**ug/L**		90591	0.104
	Cu	65	**49.399**	**ug/L**	11.171	42517	0.049
>	Lu	175		**ug/L**		218752	218752.363
	U	238	**53.180**	**ug/L**	7.118	489838	2.242

Calibration

Analyte	Mass	Curve Type	Correlation Coefficient
Sc	45	Linear Thru Zero	
Cu	63	Linear Thru Zero	
Cu	65	Linear Thru Zero	1.0000
Lu	175	Linear Thru Zero	
U	238	Linear Thru Zero	1.0000

QC Calculated Values

	Analyte	Mass	QC Std % Recovery	Int Std % Recovery	Spike % Recovery	Dilution % Diff	Dup. Rel. % Diff
>	Sc	45		99.1			
	Cu	63					
	Cu	65	98.799				
>	Lu	175		102.3			
	U	238	106.360				

QC Out Of Limits

Measurement Type	Analyte	Mass	Out of Limits Message

QC Action

QC Action Line: No QC out of limits detected

ICPMS#3 - Summary Report

Sample ID: QC Std 2
Sample Date/Time: Wednesday, April 30, 2008 13:00:58
Sample Type:
Sample Description:
Number of Replicates: 3
Batch ID:
Method File: c:\elandata\Method\cu and u.mth
Dataset File: c:\elandata\Dataset\080428\QC Std 2.293

Concentration Results

	Analyte	Mass	**Conc. Mean**	**Report Unit**	Conc. RSD	Meas. Intens. Mean	Net Intens. Mean
>	Sc	45		**ug/L**		852237	852237.315
	Cu	63		**ug/L**		384	0.000
	Cu	65	**0.016**	**ug/L**	152.074	200	0.000
>	Lu	175		**ug/L**		218621	218620.821
	U	238	**0.004**	**ug/L**	42.844	345	0.000

Calibration

Analyte	Mass	Curve Type	Correlation Coefficient
Sc	45	Linear Thru Zero	
Cu	63	Linear Thru Zero	
Cu	65	Linear Thru Zero	1.0000
Lu	175	Linear Thru Zero	
U	238	Linear Thru Zero	1.0000

QC Calculated Values

	Analyte	Mass	QC Std % Recovery	Int Std % Recovery	Spike % Recovery	Dilution % Diff	Dup. Rel. % Diff
>	Sc	45		97.6			
	Cu	63					
	Cu	65					
>	Lu	175		102.2			
	U	238					

QC Out Of Limits

Measurement Type	Analyte	Mass	Out of Limits Message

QC Action

QC Action Line: No QC out of limits detected

ICPMS#3 - Summary Report

Sample ID: QC Std 3
Sample Date/Time: Wednesday, April 30, 2008 13:03:19
Sample Type:
Sample Description:
Number of Replicates: 3
Batch ID:
Method File: c:\elandata\Method\cu and u.mth
Dataset File: c:\elandata\Dataset\080428\QC Std 3.294

Concentration Results

	Analyte	Mass	**Conc. Mean**	**Report Unit**	Conc. RSD	Meas. Intens. Mean	Net Intens. Mean
>	Sc	45		**ug/L**		872260	872259.560
	Cu	63		**ug/L**		2142	0.002
	Cu	65	**0.925**	**ug/L**	11.595	991	0.001
>	Lu	175		**ug/L**		216920	216920.404
	U	238	**0.218**	**ug/L**	6.613	2296	0.009

Calibration

Analyte	Mass	Curve Type	Correlation Coefficient
Sc	45	Linear Thru Zero	
Cu	63	Linear Thru Zero	
Cu	65	Linear Thru Zero	1.0000
Lu	175	Linear Thru Zero	
U	238	Linear Thru Zero	1.0000

QC Calculated Values

	Analyte	Mass	QC Std % Recovery	Int Std % Recovery	Spike % Recovery	Dilution % Diff	Dup. Rel. % Diff
>	Sc	45		99.9			
	Cu	63					
	Cu	65	92.489				
>	Lu	175		101.4			
	U	238	108.959				

QC Out Of Limits

Measurement Type	Analyte	Mass	Out of Limits Message

QC Action

QC Action Line: No QC out of limits detected

ICPMS#3 - Summary Report

Sample ID: QC Std 4
Sample Date/Time: Wednesday, April 30, 2008 13:05:39
Sample Type:
Sample Description:
Number of Replicates: 3
Batch ID:
Method File: c:\elandata\Method\cu and u.mth
Dataset File: c:\elandata\Dataset\080428\QC Std 4.295

Concentration Results

	Analyte	Mass	**Conc. Mean**	**Report Unit**	Conc. RSD	Meas. Intens. Mean	Net Intens. Mean
>	Sc	45		**ug/L**		868049	868048.757
	Cu	63		**ug/L**		2747	0.003
	Cu	65	**1.176**	**ug/L**	10.130	1204	0.001
>	Lu	175		**ug/L**		215270	215269.735
	U	238	**-0.027**	**ug/L**	2.567	56	-0.001

Calibration

Analyte	Mass	Curve Type	Correlation Coefficient
Sc	45	Linear Thru Zero	
Cu	63	Linear Thru Zero	
Cu	65	Linear Thru Zero	1.0000
Lu	175	Linear Thru Zero	
U	238	Linear Thru Zero	1.0000

QC Calculated Values

	Analyte	Mass	QC Std % Recovery	Int Std % Recovery	Spike % Recovery	Dilution % Diff	Dup. Rel. % Diff
>	Sc	45		99.4			
	Cu	63					
	Cu	65	39.210				
>	Lu	175		100.6			
	U	238					

QC Out Of Limits

Measurement Type	Analyte	Mass	Out of Limits Message

QC Action

QC Action Line: No QC out of limits detected

ICPMS#3 - Summary Report

Sample ID: QC Std 5
Sample Date/Time: Wednesday, April 30, 2008 13:07:59
Sample Type:
Sample Description:
Number of Replicates: 3
Batch ID:
Method File: c:\elandata\Method\cu and u.mth
Dataset File: c:\elandata\Dataset\080428\QC Std 5.296

Concentration Results

	Analyte	Mass	**Conc. Mean**	**Report Unit**	Conc. RSD	Meas. Intens. Mean	Net Intens. Mean
>	Sc	45		**ug/L**		860667	860667.161
	Cu	63		**ug/L**		36639	0.042
	Cu	65	**20.007**	**ug/L**	8.812	17269	0.020
>	Lu	175		**ug/L**		215197	215196.734
	U	238	**21.971**	**ug/L**	3.290	199568	0.926

Calibration

Analyte	Mass	Curve Type	Correlation Coefficient
Sc	45	Linear Thru Zero	
Cu	63	Linear Thru Zero	
Cu	65	Linear Thru Zero	1.0000
Lu	175	Linear Thru Zero	
U	238	Linear Thru Zero	1.0000

QC Calculated Values

	Analyte	Mass	QC Std % Recovery	Int Std % Recovery	Spike % Recovery	Dilution % Diff	Dup. Rel. % Diff
>	Sc	45		98.6			
	Cu	63					
	Cu	65	86.989				
>	Lu	175		100.6			
	U	238	109.855				

QC Out Of Limits

Measurement Type	Analyte	Mass	Out of Limits Message

QC Action

QC Action Line: No QC out of limits detected

ICPMS#3 - Summary Report

Sample ID: QC Std 6
Sample Date/Time: Wednesday, April 30, 2008 13:10:20
Sample Type:
Sample Description:
Number of Replicates: 3
Batch ID:
Method File: c:\elandata\Method\cu and u.mth
Dataset File: c:\elandata\Dataset\080428\QC Std 6.297

Concentration Results

	Analyte	Mass	**Conc. Mean**	**Report Unit**	Conc. RSD	Meas. Intens. Mean	Net Intens. Mean
>	Sc	45		**ug/L**		860268	860267.733
	Cu	63		**ug/L**		89793	0.104
	Cu	65	**50.256**	**ug/L**	9.396	43070	0.050
>	Lu	175		**ug/L**		218509	218509.484
	U	238	**52.147**	**ug/L**	5.103	480096	2.198

Calibration

Analyte	Mass	Curve Type	Correlation Coefficient
Sc	45	Linear Thru Zero	
Cu	63	Linear Thru Zero	
Cu	65	Linear Thru Zero	1.0000
Lu	175	Linear Thru Zero	
U	238	Linear Thru Zero	1.0000

QC Calculated Values

	Analyte	Mass	QC Std % Recovery	Int Std % Recovery	Spike % Recovery	Dilution % Diff	Dup. Rel. % Diff
>	Sc	45		98.5			
	Cu	63					
	Cu	65	100.511				
>	Lu	175		102.1			
	U	238	104.294				

QC Out Of Limits

Measurement Type	Analyte	Mass	Out of Limits Message

QC Action

QC Action Line: No QC out of limits detected

ICPMS#3 - Summary Report

Sample ID: QC Std 7
Sample Date/Time: Wednesday, April 30, 2008 13:12:43
Sample Type:
Sample Description:
Number of Replicates: 3
Batch ID:
Method File: c:\elandata\Method\cu and u.mth
Dataset File: c:\elandata\Dataset\080428\QC Std 7.298

Concentration Results

	Analyte	Mass	**Conc. Mean**	**Report Unit**	Conc. RSD	Meas. Intens. Mean	Net Intens. Mean
>	Sc	45		**ug/L**		763036	763035.822
	Cu	63		**ug/L**		365	0.000
	Cu	65	**0.059**	**ug/L**	138.804	201	0.000
>	Lu	175		**ug/L**		187835	187835.087
	U	238	**0.011**	**ug/L**	71.824	342	0.000

Calibration

Analyte	Mass	Curve Type	Correlation Coefficient
Sc	45	Linear Thru Zero	
Cu	63	Linear Thru Zero	
Cu	65	Linear Thru Zero	1.0000
Lu	175	Linear Thru Zero	
U	238	Linear Thru Zero	1.0000

QC Calculated Values

	Analyte	Mass	QC Std % Recovery	Int Std % Recovery	Spike % Recovery	Dilution % Diff	Dup. Rel. % Diff
>	Sc	45		87.4			
	Cu	63					
	Cu	65					
>	Lu	175		87.8			
	U	238					

QC Out Of Limits

Measurement Type	Analyte	Mass	Out of Limits Message

QC Action

QC Action Line: No QC out of limits detected

ICPMS#3 - Summary Report

Sample ID: QC Std 6
Sample Date/Time: Wednesday, April 30, 2008 13:29:13
Sample Type:
Sample Description:
Number of Replicates: 3
Batch ID:
Method File: c:\elandata\Method\cu and u.mth
Dataset File: c:\elandata\Dataset\080428\QC Std 6.305

Concentration Results

	Analyte	Mass	**Conc. Mean**	**Report Unit**	Conc. RSD	Meas. Intens. Mean	Net Intens. Mean
>	Sc	45		**ug/L**		848821	848820.897
	Cu	63		**ug/L**		88056	0.103
	Cu	65	**48.984**	**ug/L**	11.333	41401	0.049
>	Lu	175		**ug/L**		213641	213641.201
	U	238	**53.288**	**ug/L**	7.124	479823	2.246

Calibration

Analyte	Mass	Curve Type	Correlation Coefficient
Sc	45	Linear Thru Zero	
Cu	63	Linear Thru Zero	
Cu	65	Linear Thru Zero	1.0000
Lu	175	Linear Thru Zero	
U	238	Linear Thru Zero	1.0000

QC Calculated Values

	Analyte	Mass	QC Std % Recovery	Int Std % Recovery	Spike % Recovery	Dilution % Diff	Dup. Rel. % Diff
>	Sc	45		97.2			
	Cu	63					
	Cu	65	97.968				
>	Lu	175		99.9			
	U	238	106.576				

QC Out Of Limits

Measurement Type	Analyte	Mass	Out of Limits Message

QC Action

QC Action Line: No QC out of limits detected

ICPMS#3 - Summary Report

Sample ID: QC Std 7
Sample Date/Time: Wednesday, April 30, 2008 13:31:35
Sample Type:
Sample Description:
Number of Replicates: 3
Batch ID:
Method File: c:\elandata\Method\cu and u.mth
Dataset File: c:\elandata\Dataset\080428\QC Std 7.306

Concentration Results

	Analyte	Mass	**Conc. Mean**	**Report Unit**	Conc. RSD	Meas. Intens. Mean	Net Intens. Mean
>	Sc	45		**ug/L**		838306	838306.094
	Cu	63		**ug/L**		387	0.000
	Cu	65	**0.020**	**ug/L**	147.626	199	0.000
>	Lu	175		**ug/L**		211319	211319.089
	U	238	**0.004**	**ug/L**	106.324	330	0.000

Calibration

Analyte	Mass	Curve Type	Correlation Coefficient
Sc	45	Linear Thru Zero	
Cu	63	Linear Thru Zero	
Cu	65	Linear Thru Zero	1.0000
Lu	175	Linear Thru Zero	
U	238	Linear Thru Zero	1.0000

QC Calculated Values

	Analyte	Mass	QC Std % Recovery	Int Std % Recovery	Spike % Recovery	Dilution % Diff	Dup. Rel. % Diff
>	Sc	45		96.0			
	Cu	63					
	Cu	65					
>	Lu	175		98.8			
	U	238					

QC Out Of Limits

Measurement Type	Analyte	Mass	Out of Limits Message

QC Action

QC Action Line: No QC out of limits detected

ICPMS#3 - Summary Report

Sample ID: 1201557999
Sample Date/Time: Wednesday, April 30, 2008 13:34:36
Sample Type:
Sample Description: DMAX 6020 MB
Number of Replicates: 3
Batch ID: 745819|1|baj
Method File: c:\elandata\Method\cu and u.mth
Dataset File: c:\elandata\Dataset\080428\1201557999.307

Concentration Results

	Analyte	Mass	**Conc. Mean**	**Report Unit**	Conc. RSD	Meas. Intens. Mean	Net Intens. Mean
>	Sc	45		**ug/L**		830304	830303.917
	Cu	63		**ug/L**		675	0.000
	Cu	65	**0.219**	**ug/L**	20.121	362	0.000
>	Lu	175		**ug/L**		211915	211914.941
	U	238	**-0.028**	**ug/L**	3.547	52	-0.001

Calibration

Analyte	Mass	Curve Type	Correlation Coefficient
Sc	45	Linear Thru Zero	
Cu	63	Linear Thru Zero	
Cu	65	Linear Thru Zero	1.0000
Lu	175	Linear Thru Zero	
U	238	Linear Thru Zero	1.0000

QC Calculated Values

	Analyte	Mass	QC Std % Recovery	Int Std % Recovery	Spike % Recovery	Dilution % Diff	Dup. Rel. % Diff
>	Sc	45		95.1			
	Cu	63					
	Cu	65					
>	Lu	175		99.1			
	U	238					

QC Out Of Limits

Measurement Type	Analyte	Mass	Out of Limits Message

QC Action

QC Action Line: No QC out of limits detected

ICPMS#3 - Summary Report

Sample ID: 1201558000
Sample Date/Time: Wednesday, April 30, 2008 13:36:58
Sample Type:
Sample Description: DMAX 6020 LCS
Number of Replicates: 3
Batch ID: 745819|1|baj
Method File: c:\elandata\Method\cu and u.mth
Dataset File: c:\elandata\Dataset\080428\1201558000.308

Concentration Results

	Analyte	Mass	**Conc. Mean**	**Report Unit**	Conc. RSD	Meas. Intens. Mean	Net Intens. Mean
>	Sc	45		**ug/L**		835128	835128.314
	Cu	63		**ug/L**		90902	0.109
	Cu	65	**51.686**	**ug/L**	11.005	43007	0.051
>	Lu	175		**ug/L**		207245	207244.924
	U	238	**51.972**	**ug/L**	6.415	453928	2.191

Calibration

Analyte	Mass	Curve Type	Correlation Coefficient
Sc	45	Linear Thru Zero	
Cu	63	Linear Thru Zero	
Cu	65	Linear Thru Zero	1.0000
Lu	175	Linear Thru Zero	
U	238	Linear Thru Zero	1.0000

QC Calculated Values

	Analyte	Mass	QC Std % Recovery	Int Std % Recovery	Spike % Recovery	Dilution % Diff	Dup. Rel. % Diff
>	Sc	45		95.6			
	Cu	63					
	Cu	65					
>	Lu	175		96.9			
	U	238					

QC Out Of Limits

Measurement Type	Analyte	Mass	Out of Limits Message

QC Action

QC Action Line: No QC out of limits detected

ICPMS#3 - Summary Report

Sample ID: 206533002
Sample Date/Time: Wednesday, April 30, 2008 13:39:19
Sample Type:
Sample Description: DMAX 6020
Number of Replicates: 3
Batch ID: 745819|1|baj
Method File: c:\elandata\Method\cu and u.mth
Dataset File: c:\elandata\Dataset\080428\206533002.309

Concentration Results

	Analyte	Mass	**Conc. Mean**	**Report Unit**	Conc. RSD	Meas. Intens. Mean	Net Intens. Mean
>	Sc	45		**ug/L**		791169	791169.223
	Cu	63		**ug/L**		49712	0.062
	Cu	65	**5.104**	**ug/L**	11.261	4178	0.005
>	Lu	175		**ug/L**		189481	189480.732
	U	238	**28.444**	**ug/L**	5.558	227245	1.199

Calibration

Analyte	Mass	Curve Type	Correlation Coefficient
Sc	45	Linear Thru Zero	
Cu	63	Linear Thru Zero	
Cu	65	Linear Thru Zero	1.0000
Lu	175	Linear Thru Zero	
U	238	Linear Thru Zero	1.0000

QC Calculated Values

	Analyte	Mass	QC Std % Recovery	Int Std % Recovery	Spike % Recovery	Dilution % Diff	Dup. Rel. % Diff
>	Sc	45		90.6			
	Cu	63					
	Cu	65					
>	Lu	175		88.6			
	U	238					

QC Out Of Limits

Measurement Type	Analyte	Mass	Out of Limits Message

QC Action

QC Action Line: No QC out of limits detected

ICPMS#3 - Summary Report

Sample ID: 1201558001
Sample Date/Time: Wednesday, April 30, 2008 13:41:40
Sample Type:
Sample Description: DMAX 6020 DUP
Number of Replicates: 3
Batch ID: 745819|1|baj
Method File: c:\elandata\Method\cu and u.mth
Dataset File: c:\elandata\Dataset\080428\1201558001.310

Concentration Results

	Analyte	Mass	**Conc. Mean**	**Report Unit**	Conc. RSD	Meas. Intens. Mean	Net Intens. Mean
>	Sc	45		**ug/L**		665956	665955.758
	Cu	63		**ug/L**		38125	0.057
	Cu	65	**6.351**	**ug/L**	8.161	4346	0.006
>	Lu	175		**ug/L**		183832	183831.673
	U	238	**28.084**	**ug/L**	5.667	217679	1.184

Calibration

Analyte	Mass	Curve Type	Correlation Coefficient
Sc	45	Linear Thru Zero	
Cu	63	Linear Thru Zero	
Cu	65	Linear Thru Zero	1.0000
Lu	175	Linear Thru Zero	
U	238	Linear Thru Zero	1.0000

QC Calculated Values

	Analyte	Mass	QC Std % Recovery	Int Std % Recovery	Spike % Recovery	Dilution % Diff	Dup. Rel. % Diff
>	Sc	45		76.3			
	Cu	63					
	Cu	65					
>	Lu	175		85.9			
	U	238					

QC Out Of Limits

Measurement Type	Analyte	Mass	Out of Limits Message

QC Action

QC Action Line: No QC out of limits detected

ICPMS#3 - Summary Report

Sample ID: 1201558002
Sample Date/Time: Wednesday, April 30, 2008 13:44:02
Sample Type:
Sample Description: DMAX 6020 MS
Number of Replicates: 3
Batch ID: 745819|1|baj
Method File: c:\elandata\Method\cu and u.mth
Dataset File: c:\elandata\Dataset\080428\1201558002.311

Concentration Results

	Analyte	Mass	**Conc. Mean**	**Report Unit**	Conc. RSD	Meas. Intens. Mean	Net Intens. Mean
>	Sc	45		**ug/L**		653066	653065.649
	Cu	63		**ug/L**		104169	0.159
	Cu	65	**57.278**	**ug/L**	7.232	37308	0.057
>	Lu	175		**ug/L**		182315	182314.637
	U	238	**79.632**	**ug/L**	6.069	611918	3.357

Calibration

Analyte	Mass	Curve Type	Correlation Coefficient
Sc	45	Linear Thru Zero	
Cu	63	Linear Thru Zero	
Cu	65	Linear Thru Zero	1.0000
Lu	175	Linear Thru Zero	
U	238	Linear Thru Zero	1.0000

QC Calculated Values

	Analyte	Mass	QC Std % Recovery	Int Std % Recovery	Spike % Recovery	Dilution % Diff	Dup. Rel. % Diff
>	Sc	45		74.8			
	Cu	63					
	Cu	65					
>	Lu	175		85.2			
	U	238					

QC Out Of Limits

Measurement Type	Analyte	Mass	Out of Limits Message

QC Action

QC Action Line: No QC out of limits detected

ICPMS#3 - Summary Report

Sample ID: 1201558003
Sample Date/Time: Wednesday, April 30, 2008 13:46:25
Sample Type:
Sample Description: DMAX 6020 SDILT
Number of Replicates: 3
Batch ID: 745819|5|baj
Method File: c:\elandata\Method\cu and u.mth
Dataset File: c:\elandata\Dataset\080428\1201558003.312

Concentration Results

	Analyte	Mass	**Conc. Mean**	**Report Unit**	Conc. RSD	Meas. Intens. Mean	Net Intens. Mean
>	Sc	45		**ug/L**		728835	728835.350
	Cu	63		**ug/L**		8150	0.011
	Cu	65	**1.642**	**ug/L**	7.899	1347	0.002
>	Lu	175		**ug/L**		212104	212103.620
	U	238	**5.518**	**ug/L**	6.141	49547	0.233

Calibration

Analyte	Mass	Curve Type	Correlation Coefficient
Sc	45	Linear Thru Zero	
Cu	63	Linear Thru Zero	
Cu	65	Linear Thru Zero	1.0000
Lu	175	Linear Thru Zero	
U	238	Linear Thru Zero	1.0000

QC Calculated Values

	Analyte	Mass	QC Std % Recovery	Int Std % Recovery	Spike % Recovery	Dilution % Diff	Dup. Rel. % Diff
>	Sc	45		83.5			
	Cu	63					
	Cu	65					
>	Lu	175		99.2			
	U	238					

QC Out Of Limits

Measurement Type	Analyte	Mass	Out of Limits Message

QC Action

QC Action Line: No QC out of limits detected

ICPMS#3 - Summary Report

Sample ID: QC Std 6
Sample Date/Time: Wednesday, April 30, 2008 13:48:47
Sample Type:
Sample Description:
Number of Replicates: 3
Batch ID:
Method File: c:\elandata\Method\cu and u.mth
Dataset File: c:\elandata\Dataset\080428\QC Std 6.313

Concentration Results

	Analyte	Mass	**Conc. Mean**	**Report Unit**	Conc. RSD	Meas. Intens. Mean	Net Intens. Mean
>	Sc	45		**ug/L**		753078	753077.612
	Cu	63		**ug/L**		87652	0.116
	Cu	65	**57.199**	**ug/L**	9.311	42904	0.057
>	Lu	175		**ug/L**		224073	224073.205
	U	238	**49.460**	**ug/L**	7.774	466319	2.085

Calibration

Analyte	Mass	Curve Type	Correlation Coefficient
Sc	45	Linear Thru Zero	
Cu	63	Linear Thru Zero	
Cu	65	Linear Thru Zero	1.0000
Lu	175	Linear Thru Zero	
U	238	Linear Thru Zero	1.0000

QC Calculated Values

	Analyte	Mass	QC Std % Recovery	Int Std % Recovery	Spike % Recovery	Dilution % Diff	Dup. Rel. % Diff
>	Sc	45		86.2			
	Cu	63					
	Cu	65	114.398				
>	Lu	175		104.7			
	U	238	98.919				

QC Out Of Limits

Measurement Type	Analyte	Mass	Out of Limits Message
QC Std 6	Cu	65	CCV is out of limits (+/- 10%)

QC Action

QC Action Line: Continue

ICPMS#3 - Summary Report

Sample ID: QC Std 7
Sample Date/Time: Wednesday, April 30, 2008 13:51:09
Sample Type:
Sample Description:
Number of Replicates: 3
Batch ID:
Method File: c:\elandata\Method\cu and u.mth
Dataset File: c:\elandata\Dataset\080428\QC Std 7.314

Concentration Results

	Analyte	Mass	**Conc. Mean**	**Report Unit**	Conc. RSD	Meas. Intens. Mean	Net Intens. Mean
>	Sc	45		**ug/L**		781661	781660.525
	Cu	63		**ug/L**		560	0.000
	Cu	65	**0.137**	**ug/L**	22.360	277	0.000
>	Lu	175		**ug/L**		219396	219396.027
	U	238	**0.007**	**ug/L**	14.520	378	0.000

Calibration

Analyte	Mass	Curve Type	Correlation Coefficient
Sc	45	Linear Thru Zero	
Cu	63	Linear Thru Zero	
Cu	65	Linear Thru Zero	1.0000
Lu	175	Linear Thru Zero	
U	238	Linear Thru Zero	1.0000

QC Calculated Values

	Analyte	Mass	QC Std % Recovery	Int Std % Recovery	Spike % Recovery	Dilution % Diff	Dup. Rel. % Diff
>	Sc	45		89.5			
	Cu	63					
	Cu	65					
>	Lu	175		102.6			
	U	238					

QC Out Of Limits

Measurement Type	Analyte	Mass	Out of Limits Message

QC Action

QC Action Line: No QC out of limits detected

ICPMS#3 - Summary Report

Sample ID: 206533003
Sample Date/Time: Wednesday, April 30, 2008 13:53:32
Sample Type:
Sample Description: DMAX 6020
Number of Replicates: 3
Batch ID: 745819|1|baj
Method File: c:\elandata\Method\cu and u.mth
Dataset File: c:\elandata\Dataset\080428\206533003.315

Concentration Results

	Analyte	Mass	**Conc. Mean**	**Report Unit**	Conc. RSD	Meas. Intens. Mean	Net Intens. Mean
>	Sc	45		**ug/L**		640855	640854.879
	Cu	63		**ug/L**		33722	0.052
	Cu	65	**5.722**	**ug/L**	8.166	3778	0.006
>	Lu	175		**ug/L**		185517	185517.279
	U	238	**39.122**	**ug/L**	5.902	305742	1.649

Calibration

Analyte	Mass	Curve Type	Correlation Coefficient
Sc	45	Linear Thru Zero	
Cu	63	Linear Thru Zero	
Cu	65	Linear Thru Zero	1.0000
Lu	175	Linear Thru Zero	
U	238	Linear Thru Zero	1.0000

QC Calculated Values

	Analyte	Mass	QC Std % Recovery	Int Std % Recovery	Spike % Recovery	Dilution % Diff	Dup. Rel. % Diff
>	Sc	45		73.4			
	Cu	63					
	Cu	65					
>	Lu	175		86.7			
	U	238					

QC Out Of Limits

Measurement Type	Analyte	Mass	Out of Limits Message

QC Action

QC Action Line: No QC out of limits detected

ICPMS#3 - Summary Report

Sample ID: 206533004
Sample Date/Time: Wednesday, April 30, 2008 13:55:56
Sample Type:
Sample Description: DMAX 6020
Number of Replicates: 3
Batch ID: 745819|1|baj
Method File: c:\elandata\Method\cu and u.mth
Dataset File: c:\elandata\Dataset\080428\206533004.316

Concentration Results

	Analyte	Mass	**Conc. Mean**	**Report Unit**	Conc. RSD	Meas. Intens. Mean	Net Intens. Mean
>	Sc	45		**ug/L**		624181	624180.987
	Cu	63		**ug/L**		35064	0.056
	Cu	65	**7.061**	**ug/L**	8.428	4512	0.007
>	Lu	175		**ug/L**		182469	182468.989
	U	238	**41.673**	**ug/L**	5.362	320628	1.757

Calibration

Analyte	Mass	Curve Type	Correlation Coefficient
Sc	45	Linear Thru Zero	
Cu	63	Linear Thru Zero	
Cu	65	Linear Thru Zero	1.0000
Lu	175	Linear Thru Zero	
U	238	Linear Thru Zero	1.0000

QC Calculated Values

	Analyte	Mass	QC Std % Recovery	Int Std % Recovery	Spike % Recovery	Dilution % Diff	Dup. Rel. % Diff
>	Sc	45		71.5			
	Cu	63					
	Cu	65					
>	Lu	175		85.3			
	U	238					

QC Out Of Limits

Measurement Type	Analyte	Mass	Out of Limits Message

QC Action

QC Action Line: No QC out of limits detected

ICPMS#3 - Summary Report

Sample ID: 206533005
Sample Date/Time: Wednesday, April 30, 2008 13:58:18
Sample Type:
Sample Description: DMAX 6020
Number of Replicates: 3
Batch ID: 745819|1|baj
Method File: c:\elandata\Method\cu and u.mth
Dataset File: c:\elandata\Dataset\080428\206533005.317

Concentration Results

	Analyte	Mass	**Conc. Mean**	**Report Unit**	Conc. RSD	Meas. Intens. Mean	Net Intens. Mean
>	Sc	45		**ug/L**		615140	615140.262
	Cu	63		**ug/L**		33108	0.054
	Cu	65	**6.885**	**ug/L**	9.272	4335	0.007
>	Lu	175		**ug/L**		185978	185978.419
	U	238	**68.524**	**ug/L**	7.100	536209	2.889

Calibration

Analyte	Mass	Curve Type	Correlation Coefficient
Sc	45	Linear Thru Zero	
Cu	63	Linear Thru Zero	
Cu	65	Linear Thru Zero	1.0000
Lu	175	Linear Thru Zero	
U	238	Linear Thru Zero	1.0000

QC Calculated Values

	Analyte	Mass	QC Std % Recovery	Int Std % Recovery	Spike % Recovery	Dilution % Diff	Dup. Rel. % Diff
>	Sc	45		70.4			
	Cu	63					
	Cu	65					
>	Lu	175		86.9			
	U	238					

QC Out Of Limits

Measurement Type	Analyte	Mass	Out of Limits Message

QC Action

QC Action Line: No QC out of limits detected

ICPMS#3 - Summary Report

Sample ID: 206533006
Sample Date/Time: Wednesday, April 30, 2008 14:00:40
Sample Type:
Sample Description: DMAX 6020
Number of Replicates: 3
Batch ID: 745819|1|baj
Method File: c:\elandata\Method\cu and u.mth
Dataset File: c:\elandata\Dataset\080428\206533006.318

Concentration Results

	Analyte	Mass	**Conc. Mean**	**Report Unit**	Conc. RSD	Meas. Intens. Mean	Net Intens. Mean
>	Sc	45		**ug/L**		579754	579754.007
	Cu	63		**ug/L**		42582	0.073
	Cu	65	**6.394**	**ug/L**	8.133	3805	0.006
>	Lu	175		**ug/L**		178948	178948.307
	U	238	**22.131**	**ug/L**	7.021	166905	0.933

Calibration

Analyte	Mass	Curve Type	Correlation Coefficient
Sc	45	Linear Thru Zero	
Cu	63	Linear Thru Zero	
Cu	65	Linear Thru Zero	1.0000
Lu	175	Linear Thru Zero	
U	238	Linear Thru Zero	1.0000

QC Calculated Values

	Analyte	Mass	QC Std % Recovery	Int Std % Recovery	Spike % Recovery	Dilution % Diff	Dup. Rel. % Diff
>	Sc	45		66.4			
	Cu	63					
	Cu	65					
>	Lu	175		83.7			
	U	238					

QC Out Of Limits

Measurement Type	Analyte	Mass	Out of Limits Message

QC Action

QC Action Line: No QC out of limits detected

ICPMS#3 - Summary Report

Sample ID: 206533007
Sample Date/Time: Wednesday, April 30, 2008 14:03:02
Sample Type:
Sample Description: DMAX 6020
Number of Replicates: 3
Batch ID: 745819|1|baj
Method File: c:\elandata\Method\cu and u.mth
Dataset File: c:\elandata\Dataset\080428\206533007.319

Concentration Results

	Analyte	Mass	**Conc. Mean**	**Report Unit**	Conc. RSD	Meas. Intens. Mean	Net Intens. Mean
>	Sc	45		**ug/L**		592795	592794.639
	Cu	63		**ug/L**		26793	0.045
	Cu	65	**5.792**	**ug/L**	8.992	3538	0.006
>	Lu	175		**ug/L**		190055	190055.427
	U	238	**29.349**	**ug/L**	6.378	235147	1.237

Calibration

Analyte	Mass	Curve Type	Correlation Coefficient
Sc	45	Linear Thru Zero	
Cu	63	Linear Thru Zero	
Cu	65	Linear Thru Zero	1.0000
Lu	175	Linear Thru Zero	
U	238	Linear Thru Zero	1.0000

QC Calculated Values

	Analyte	Mass	QC Std % Recovery	Int Std % Recovery	Spike % Recovery	Dilution % Diff	Dup. Rel. % Diff
>	Sc	45		67.9			
	Cu	63					
	Cu	65					
>	Lu	175		88.8			
	U	238					

QC Out Of Limits

Measurement Type	Analyte	Mass	Out of Limits Message

QC Action

QC Action Line: No QC out of limits detected

ICPMS#3 - Summary Report

Sample ID: 206533008
Sample Date/Time: Wednesday, April 30, 2008 14:05:24
Sample Type:
Sample Description: DMAX 6020
Number of Replicates: 3
Batch ID: 745819|1|baj
Method File: c:\elandata\Method\cu and u.mth
Dataset File: c:\elandata\Dataset\080428\206533008.320

Concentration Results

	Analyte	Mass	**Conc. Mean**	**Report Unit**	Conc. RSD	Meas. Intens. Mean	Net Intens. Mean
>	Sc	45		**ug/L**		585582	585582.440
	Cu	63		**ug/L**		25628	0.043
	Cu	65	**7.063**	**ug/L**	8.574	4234	0.007
>	Lu	175		**ug/L**		187694	187694.065
	U	238	**24.728**	**ug/L**	5.242	195751	1.042

Calibration

Analyte	Mass	Curve Type	Correlation Coefficient
Sc	45	Linear Thru Zero	
Cu	63	Linear Thru Zero	
Cu	65	Linear Thru Zero	1.0000
Lu	175	Linear Thru Zero	
U	238	Linear Thru Zero	1.0000

QC Calculated Values

	Analyte	Mass	QC Std % Recovery	Int Std % Recovery	Spike % Recovery	Dilution % Diff	Dup. Rel. % Diff
>	Sc	45		67.1			
	Cu	63					
	Cu	65					
>	Lu	175		87.7			
	U	238					

QC Out Of Limits

Measurement Type	Analyte	Mass	Out of Limits Message

QC Action

QC Action Line: No QC out of limits detected

ICPMS#3 - Summary Report

Sample ID: 206533009
Sample Date/Time: Wednesday, April 30, 2008 14:07:47
Sample Type:
Sample Description: DMAX 6020
Number of Replicates: 3
Batch ID: 745819|1|baj
Method File: c:\elandata\Method\cu and u.mth
Dataset File: c:\elandata\Dataset\080428\206533009.321

Concentration Results

	Analyte	Mass	**Conc. Mean**	**Report Unit**	Conc. RSD	Meas. Intens. Mean	Net Intens. Mean
>	Sc	45		**ug/L**		553589	553588.741
	Cu	63		**ug/L**		46418	0.083
	Cu	65	**7.760**	**ug/L**	9.365	4386	0.008
>	Lu	175		**ug/L**		175967	175966.859
	U	238	**29.533**	**ug/L**	6.578	218944	1.245

Calibration

Analyte	Mass	Curve Type	Correlation Coefficient
Sc	45	Linear Thru Zero	
Cu	63	Linear Thru Zero	
Cu	65	Linear Thru Zero	1.0000
Lu	175	Linear Thru Zero	
U	238	Linear Thru Zero	1.0000

QC Calculated Values

	Analyte	Mass	QC Std % Recovery	Int Std % Recovery	Spike % Recovery	Dilution % Diff	Dup. Rel. % Diff
>	Sc	45		63.4			
	Cu	63					
	Cu	65					
>	Lu	175		82.3			
	U	238					

QC Out Of Limits

Measurement Type	Analyte	Mass	Out of Limits Message

QC Action

QC Action Line: No QC out of limits detected

ICPMS#3 - Summary Report

Sample ID: QC Std 6
Sample Date/Time: Wednesday, April 30, 2008 14:10:09
Sample Type:
Sample Description:
Number of Replicates: 3
Batch ID:
Method File: c:\elandata\Method\cu and u.mth
Dataset File: c:\elandata\Dataset\080428\QC Std 6.322

Concentration Results

	Analyte	Mass	**Conc. Mean**	**Report Unit**	Conc. RSD	Meas. Intens. Mean	Net Intens. Mean
>	Sc	45		**ug/L**		655246	655245.814
	Cu	63		**ug/L**		80514	0.123
	Cu	65	**57.712**	**ug/L**	8.432	37691	0.057
>	Lu	175		**ug/L**		211551	211550.675
	U	238	**50.342**	**ug/L**	6.813	448419	2.122

Calibration

Analyte	Mass	Curve Type	Correlation Coefficient
Sc	45	Linear Thru Zero	
Cu	63	Linear Thru Zero	
Cu	65	Linear Thru Zero	1.0000
Lu	175	Linear Thru Zero	
U	238	Linear Thru Zero	1.0000

QC Calculated Values

	Analyte	Mass	QC Std % Recovery	Int Std % Recovery	Spike % Recovery	Dilution % Diff	Dup. Rel. % Diff
>	Sc	45		75.0			
	Cu	63					
	Cu	65	115.424				
>	Lu	175		98.9			
	U	238	100.685				

QC Out Of Limits

Measurement Type	Analyte	Mass	Out of Limits Message
Sc 45 Int Std for QC	Sc	45	
QC Std 6	Cu	65	CCV is out of limits (+/- 10%)

QC Action

QC Action Line: Continue

ICPMS#3 - Summary Report

Sample ID: QC Std 7
Sample Date/Time: Wednesday, April 30, 2008 14:12:32
Sample Type:
Sample Description:
Number of Replicates: 3
Batch ID:
Method File: c:\elandata\Method\cu and u.mth
Dataset File: c:\elandata\Dataset\080428\QC Std 7.323

Concentration Results

	Analyte	Mass	**Conc. Mean**	**Report Unit**	Conc. RSD	Meas. Intens. Mean	Net Intens. Mean
>	Sc	45		**ug/L**		666224	666224.440
	Cu	63		**ug/L**		1859	0.002
	Cu	65	**0.260**	**ug/L**	14.306	318	0.000
>	Lu	175		**ug/L**		207423	207423.273
	U	238	**0.006**	**ug/L**	47.706	345	0.000

Calibration

Analyte	Mass	Curve Type	Correlation Coefficient
Sc	45	Linear Thru Zero	
Cu	63	Linear Thru Zero	
Cu	65	Linear Thru Zero	1.0000
Lu	175	Linear Thru Zero	
U	238	Linear Thru Zero	1.0000

QC Calculated Values

	Analyte	Mass	QC Std % Recovery	Int Std % Recovery	Spike % Recovery	Dilution % Diff	Dup. Rel. % Diff
>	Sc	45		76.3			
	Cu	63					
	Cu	65					
>	Lu	175		97.0			
	U	238					

QC Out Of Limits

Measurement Type	Analyte	Mass	Out of Limits Message
Sc 45 Int Std for QC	Sc	45	

QC Action

QC Action Line: Continue

Miscellaneous

Prep LogBook

Analyst: AXG2 Verified by:_____

Batch: 745818

Lab SOP: GL-MA-E-006 REV# 9

Type	Sample Id	Lot. Id	Spike Amount	Spike Units
LCS	1201558000	UI839117A	.5	mL
MS	1201558002	UI839119B	.5	mL

Sample Type	Sample ID	Parent Sample ID	Method	Prep Date	Initial Wt.	Final Volume	Prep Factor	Matrix
MB	1201557999		SW846 3005A	21-APR-2008 09:00	50 mL	50 mL	1	GROUND WATER
LCS	1201558000		SW846 3005A	21-APR-2008 09:00	50 mL	50 mL	1	GROUND WATER
SAMPLE	206533002		SW846 3005A	21-APR-2008 09:00	50 mL	50 mL	1	GROUND WATER
DUP	1201558001	206533002	SW846 3005A	21-APR-2008 09:00	50 mL	50 mL	1	GROUND WATER
MS	1201558002	206533002	SW846 3005A	21-APR-2008 09:00	50 mL	50 mL	1	GROUND WATER
SDILT	1201558003	206533002	SW846 3005A	21-APR-2008 09:00	50 mL	50 mL	1	GROUND WATER
SAMPLE	206533003		SW846 3005A	21-APR-2008 09:00	50 mL	50 mL	1	GROUND WATER
SAMPLE	206533004		SW846 3005A	21-APR-2008 09:00	50 mL	50 mL	1	GROUND WATER
SAMPLE	206533005		SW846 3005A	21-APR-2008 09:00	50 mL	50 mL	1	GROUND WATER
SAMPLE	206533006		SW846 3005A	21-APR-2008 09:00	50 mL	50 mL	1	GROUND WATER
SAMPLE	206533007		SW846 3005A	21-APR-2008 09:00	50 mL	50 mL	1	GROUND WATER
SAMPLE	206533008		SW846 3005A	21-APR-2008 09:00	50 mL	50 mL	1	GROUND WATER
SAMPLE	206533009		SW846 3005A	21-APR-2008 09:00	50 mL	50 mL	1	GROUND WATER

Reagent/Solvent Lot ID	Amount	Description
839875	2.5 mL	HYDROCHLORIC ACID
839877	1 mL	Nitric Acid CONC.

Comments:

Serial ID: UI070820-09 **Opened:** 20-AUG-07 **Amount :** 250 mL
Name: ICP-MS CRDL Master #1 **Received:** 20-AUG-07 **Catalog Number :** 160044-09-02
Type: Source Material **Expires:** 20-AUG-08 **Lot Number :** 1010290
Employee: Elizabeth Janssen **Solvent :** +/- 0.5% IN 2% HNO3
Supplier: 02SI
Description: ICPMS CRDL Master Soln #1
Comments: None

Analyte	Concentration	Analyte	Concentration
Aluminum	15 mg/L	Arsenic	5 mg/L
Barium	2 mg/L	Beryllium	.5 mg/L
Boron	15 mg/L	Cadmium	1 mg/L
Calcium	100 mg/L	Chromium	3 mg/L
Cobalt	1 mg/L	Copper	1 mg/L
Iron	25 mg/L	Lead	2 mg/L
Lithium	10 mg/L	Magnesium	15 mg/L
Manganese	5 mg/L	Nickel	2 mg/L
Phosphorous	50 mg/L	Potassium	300 mg/L
Selenium	5 mg/L	Sodium	250 mg/L
Strontium	10 mg/L	Thallium	1 mg/L
Thorium	1 mg/L	Uranium	.2 mg/L
Vanadium	10 mg/L	Zinc	10 mg/L

Serial ID: UI070820-10 **Opened:** 20-AUG-07 **Amount :** 250 mL
Name: ICP-MS CRDL Master #2 **Received:** 20-AUG-07 **Catalog Number :** 160044-08-02
Type: Source Material **Expires:** 20-AUG-08 **Lot Number :** 1010289
Employee: Elizabeth Janssen **Solvent :** +/- 0.5% IN 2% HNO3
Supplier: 02SI
Description: ICPMS CRDL Soln #2
Comments: None

Analyte	Concentration	Analyte	Concentration
Antimony	2 mg/L	Molybdenum	.5 mg/L
Silver	1 mg/L	Tin	2 mg/L
Titanium	10 mg/L	Tungsten	5 mg/L
Zirconium	2 mg/L		

Serial ID: UI070913-01 **Opened:** 13-SEP-07 **Catalog Number :** 060074-06-01
Name: ICPMS Tungsten - 10mg/L S **Received:** 13-SEP-07 **Lot Number :** 1010502
Type: Source Material **Expires:** 13-SEP-08 **Solvent :** 2% HNO3
Employee: Paul Boyd
Supplier: O2SI
Description: ICPMS Tungsten standard SPIKE - 10mg/L
Comments: None

Analyte	Concentration	Analyte	Concentration

Analyte	Concentration	Analyte	Concentration
Tungsten	10 mg/L		

Serial ID: UI070913-12 **Opened:** 13-SEP-07 **Amount :** 250 mL
Name: ICP-MS ICSAB Master B **Received:** 13-SEP-07 **Catalog Number :** 160033-02
Type: Source Material **Expires:** 13-SEP-08 **Lot Number :** 1010499
Employee: Paul Boyd **Solvent :** +/- 0.5% in 2% HNO3
Supplier: 02SI
Description: ICPMS ICSAB Master B
Comments: None

Analyte	Concentration	Analyte	Concentration
Arsenic	2 mg/L	Barium	2 mg/L
Beryllium	2 mg/L	Boron	2 mg/L
Cadmium	2 mg/L	Chromium	2 mg/L
Cobalt	2 mg/L	Copper	2 mg/L
Lead	2 mg/L	Lithium	2 mg/L
Manganese	2 mg/L	Nickel	2 mg/L
Selenium	2 mg/L	Strontium	2 mg/L
Thallium	2 mg/L	Thorium	2 mg/L
Uranium	2 mg/L	Vanadium	2 mg/L
Zinc	2 mg/L		

Serial ID: UI070913-13 **Opened:** 13-SEP-07 **Amount :** 250 mL
Name: ICP-MS ICSAB Master C **Received:** 13-SEP-07 **Catalog Number :** 160033-03
Type: Source Material **Expires:** 13-SEP-08 **Lot Number :** 1010501
Employee: Paul Boyd **Solvent :** +/- 0.5% in 2% HNO3
Supplier: 02SI
Description: ICPMS ICSAB Master C
Comments: None

Analyte	Concentration	Analyte	Concentration
Antimony	2 mg/L	Silver	2 mg/L
Tin	2 mg/L	Tungsten	2 mg/L
Zirconium	2 mg/L		

Serial ID: UI080306-06 **Opened:** 06-MAR-08 **Amount :** 250 mL
Name: ICP-MS ICV/CCV Master A **Received:** 06-MAR-08 **Catalog Number :** 160055-01
Type: Source Material **Expires:** 01-MAR-09 **Lot Number :** 1011564
Employee: Paul Boyd **Solvent :** +/- 0.5% in 5% HNO3 100 cm2
Supplier: 02SI
Description: ICPMS ICV/CCV SOLN A - 10ppm
Comments: None

Analyte	Concentration	Analyte	Concentration

Analyte	Concentration	Analyte	Concentration
Aluminum	2020 mg/L	Calcium	2000 mg/L
Iron	2000 mg/L	Magnesium	2000 mg/L
Phosphorous	2000 mg/L	Potassium	2000 mg/L
Sodium	2000 mg/L		

Serial ID: UI080306-07 **Opened:** 06-MAR-08 **Amount :** 250 mL
Name: ICP-MS ICV/CCV Master B **Received:** 06-MAR-08 **Catalog Number :** 160054-02
Type: Source Material **Expires:** 01-MAR-09 **Lot Number :** 1011565
Employee: Paul Boyd **Solvent :** +/- 0.5% in 5% HNO3 100 cm2
Supplier: 02SI
Description: ICPMS ICV/CCV Soln B - 10ppm
Comments: None

Analyte	Concentration	Analyte	Concentration
Arsenic	20 mg/L	Barium	20 mg/L
Beryllium	20 mg/L	Boron	40 mg/L
Cadmium	20 mg/L	Chromium	20 mg/L
Cobalt	20 mg/L	Copper	20 mg/L
Lead	20 mg/L	Lithium	20 mg/L
Manganese	20 mg/L	Nickel	20 mg/L
Selenium	20 mg/L	Strontium	20 mg/L
Thallium	20 mg/L	Thorium	20 mg/L
Uranium	20 mg/L	Vanadium	20 mg/L
Zinc	20 mg/L		

Serial ID: UI080306-08 **Opened:** 06-MAR-08 **Amount :** 250 mL
Name: ICP-MS ICV/CCV Master C **Received:** 06-MAR-08 **Catalog Number :** 160054-03
Type: Source Material **Expires:** 01-MAR-09 **Lot Number :** 1011544
Employee: Paul Boyd **Solvent :** +/- 0.5% in 5% HNO3 100 cm2
Supplier: 02SI
Description: ICPMS ICV/CCV Soln C - 10ppm
Comments: None

Analyte	Concentration	Analyte	Concentration
Antimony	20 mg/L	Molybdenum	20 mg/L
Silver	20 mg/L	Tin	20 mg/L
Titanium	20 mg/L	Tungsten	20 mg/L
Zirconium	20 mg/L		

Serial ID: UI080320-11 **Opened:** 20-MAR-08 **Amount :** 1000 mL
Name: ICP-MS ICSA Master A **Received:** 20-MAR-08 **Catalog Number :** 160013-01-01L
Type: Source Material **Expires:** 20-MAR-09 **Lot Number :** 1010773
Employee: Paul Boyd **Solvent :** 2% HNO3
Supplier: 02SI

Description: ICP-MS ICSA Master A
Comments: None

Analyte	Concentration	Analyte	Concentration
Aluminum	1000 mg/L	Calcium	1000 mg/L
Chloride	10000 mg/L	Iron	1000 mg/L
Magnesium	1000 mg/L	Molybdenum	20 mg/L
Phosphorous	1000 mg/L	Potassium	1000 mg/L
Sodium	1000 mg/L	Sulfur	1000 mg/L
Titanium	20 mg/L		

Serial ID: UI839117A **Opened:** 16-APR-08 **Lot Number :** 1011620
Name: ICP-MS ALL-LCS SPIKE **Received:** 16-APR-08
Type: Source Material **Expires:** 16-APR-09
Employee: Bryan Davis
Supplier: o2si
Description: LCS SPIKE FOR ALL CLIENTS.
Comments: None

Analyte	Concentration	Analyte	Concentration
Aluminum	200 mg/L	Antimony	5 mg/L
Arsenic	5 mg/L	Barium	5 mg/L
Beryllium	5 mg/L	Bismuth	5 mg/L
Boron	10 mg/L	Cadmium	5 mg/L
Calcium	200 mg/L	Cesium	5 mg/L
Chromium	5 mg/L	Cobalt	5 mg/L
Copper	5 mg/L	Iron	200 mg/L
Lead	5 mg/L	Lithium	5 mg/L
Magnesium	200 mg/L	Manganese	5 mg/L
Molybdenum	5 mg/L	Nickel	5 mg/L
Phosphorous	200 mg/L	Potassium	200 mg/L
Selenium	5 mg/L	Silver	5 mg/L
Sodium	200 mg/L	Strontium	5 mg/L
Thallium	5 mg/L	Thorium	5 mg/L
Tin	5 mg/L	Titanium	5 mg/L
Total Uranium	5 mg/L	Uranium	5 mg/L
Uranium-235	.036 mg/L	Uranium-238	4.964 mg/L
Vanadium	5 mg/L	Zinc	5 mg/L
Zirconium	5 mg/L		

Serial ID: UI839119B **Opened:** 16-APR-08 **Lot Number :** 1011620
Name: ICP-MS ALL OTHER SPIK **Received:** 16-APR-08
Type: Source Material **Expires:** 16-APR-09
Employee: Bryan Davis
Supplier: o2si
Description: MS SPIKE FOR ALL CLIENTS EXCEPT DOE CLIENTS.

Comments: None

Analyte	Concentration	Analyte	Concentration
Aluminum	200 mg/L	Antimony	5 mg/L
Arsenic	5 mg/L	Barium	5 mg/L
Beryllium	5 mg/L	Bismuth	5 mg/L
Boron	10 mg/L	Cadmium	5 mg/L
Calcium	200 mg/L	Cesium	5 mg/L
Chromium	5 mg/L	Cobalt	5 mg/L
Copper	5 mg/L	Iron	200 mg/L
Lead	5 mg/L	Lithium	5 mg/L
Magnesium	200 mg/L	Manganese	5 mg/L
Molybdenum	5 mg/L	Nickel	5 mg/L
Phosphorous	200 mg/L	Potassium	200 mg/L
Selenium	5 mg/L	Silver	5 mg/L
Sodium	200 mg/L	Strontium	5 mg/L
Thallium	5 mg/L	Thorium	5 mg/L
Tin	5 mg/L	Titanium	5 mg/L
Total Uranium	5 mg/L	Uranium	5 mg/L
Uranium-235	.036 mg/L	Uranium-238	4.964 mg/L
Vanadium	5 mg/L	Zinc	5 mg/L
Zirconium	5 mg/L		

Serial ID: UMS080306-01 **Opened:** 06-MAR-08 **Amount :** 250 mL
Name: ICPMSCalSPIKEB **Received:** 06-MAR-08 **Catalog Number :** ZGEL-100-250
Type: Source Material **Expires:** 01-FEB-09 **Lot Number :** 2-62JM
Employee: Paul Boyd
Supplier: SPEX
Description: ICPMS Calibration Standard Solution B
Comments: None

Analyte	Concentration	Analyte	Concentration
Arsenic	10 mg/L	Barium	10 mg/L
Beryllium	10 mg/L	Boron	20 mg/L
Cadmium	10 mg/L	Chromium	10 mg/L
Cobalt	10 mg/L	Copper	10 mg/L
Lead	10 mg/L	Lithium	10 mg/L
Manganese	10 mg/L	Nickel	10 mg/L
Selenium	10 mg/L	Silver	10 mg/L
Strontium	10 mg/L	Thallium	10 mg/L
Thorium	10 mg/L	Uranium	10 mg/L
Vanadium	10 mg/L	Zinc	10 mg/L

Standard Logbook

Serial ID: UMS080306-02 **Opened:** 06-MAR-08 **Catalog Number :** ZGEL-102-250
Name: ICPMSCalSPIKEA **Received:** 06-MAR-08 **Lot Number :** 2-64JM
Type: Source Material **Expires:** 01-FEB-09
Employee: Paul Boyd
Supplier: SPEX
Description: ICPMS Calibration Standard Solution A
Comments: None

Analyte	Concentration	Analyte	Concentration
Aluminum	1000 mg/L	Calcium	1000 mg/L
Iron	1000 mg/L	Magnesium	1000 mg/L
Phosphorous	1000 mg/L	Potassium	1000 mg/L
Sodium	1000 mg/L		

Serial ID: UMS080306-03 **Opened:** 06-MAR-08 **Amount :** 250 ml
Name: ICPMSCalSPIKEC **Received:** 06-MAR-08 **Catalog Number :** ZGEL-101-250
Type: Source Material **Expires:** 01-FEB-09 **Lot Number :** 2-63JM
Employee: Paul Boyd
Supplier: SPEX
Description: ICPMS Calibration Standard Solution C
Comments: None

Analyte	Concentration	Analyte	Concentration
Antimony	10 mg/L	Molybdenum	10 mg/L
Tin	10 mg/L	Titanium	10 mg/L
Zirconium	10 mg/L		

Serial ID: WMS080430-04 **Opened:** 30-APR-08 **Amount :** 50 mL
Name: ICPMS Cal Standard 100 **Received:** 30-APR-08 **Solvent :** 2%HNO3/1%HCl - 842650
Type: Working **Expires:** 01-MAY-08
Employee: Elizabeth Janssen
Supplier: GEL
Description: ICPMS Calibration Standard (100 ppb)
Comments: None

Parent Material	Analyte	Parent Conc.	Aliquot	Final Vol.	Final Conc.
UI070913-01	Tungsten	10 mg/L	.5 mL	50 mL	100 ug/L
UMS080306-01	Arsenic	10 mg/L	.5 mL	50 mL	100 ug/l
UMS080306-01	Barium	10 mg/L	.5 mL	50 mL	100 ug/l
UMS080306-01	Beryllium	10 mg/L	.5 mL	50 mL	100 ug/l
UMS080306-01	Boron	20 mg/L	.5 mL	50 mL	200 ug/l
UMS080306-01	Cadmium	10 mg/L	.5 mL	50 mL	100 ug/l
UMS080306-01	Chromium	10 mg/L	.5 mL	50 mL	100 ug/l
UMS080306-01	Cobalt	10 mg/L	.5 mL	50 mL	100 ug/l
UMS080306-01	Copper	10 mg/L	.5 mL	50 mL	100 ug/l
UMS080306-01	Lead	10 mg/L	.5 mL	50 mL	100 ug/l

Parent Material	Analyte	Parent Conc.	Aliquot	Final Vol.	Final Conc.
UMS080306-01	Lithium	10 mg/L	.5 mL	50 mL	100 ug/l
UMS080306-01	Manganese	10 mg/L	.5 mL	50 mL	100 ug/l
UMS080306-01	Nickel	10 mg/L	.5 mL	50 mL	100 ug/l
UMS080306-01	Selenium	10 mg/L	.5 mL	50 mL	100 ug/l
UMS080306-01	Silver	10 mg/L	.5 mL	50 mL	100 ug/l
UMS080306-01	Strontium	10 mg/L	.5 mL	50 mL	100 ug/l
UMS080306-01	Thallium	10 mg/L	.5 mL	50 mL	100 ug/l
UMS080306-01	Thorium	10 mg/L	.5 mL	50 mL	100 ug/l
UMS080306-01	Uranium	10 mg/L	.5 mL	50 mL	100 ug/l
UMS080306-01	Vanadium	10 mg/L	.5 mL	50 mL	100 ug/l
UMS080306-01	Zinc	10 mg/L	.5 mL	50 mL	100 ug/l
UMS080306-02	Aluminum	1000 mg/L	.5 mL	50 mL	10000 ug/l
UMS080306-02	Calcium	1000 mg/L	.5 mL	50 mL	10000 ug/l
UMS080306-02	Iron	1000 mg/L	.5 mL	50 mL	10000 ug/l
UMS080306-02	Magnesium	1000 mg/L	.5 mL	50 mL	10000 ug/l
UMS080306-02	Phosphorous	1000 mg/L	.5 mL	50 mL	10000 ug/l
UMS080306-02	Potassium	1000 mg/L	.5 mL	50 mL	10000 ug/l
UMS080306-02	Sodium	1000 mg/L	.5 mL	50 mL	10000 ug/l
UMS080306-03	Antimony	10 mg/L	.5 mL	50 mL	100 ug/l
UMS080306-03	Molybdenum	10 mg/L	.5 mL	50 mL	100 ug/l
UMS080306-03	Tin	10 mg/L	.5 mL	50 mL	100 ug/l
UMS080306-03	Titanium	10 mg/L	.5 mL	50 mL	100 ug/l
UMS080306-03	Zirconium	10 mg/L	.5 mL	50 mL	100 ug/l

Serial ID: WMS080430-04A **Opened:** 30-APR-08 **Solvent :** 2%HNO3/1%HCl - 842650
Name: ICPMS Cal Standard 10 **Received:** 30-APR-08
Type: Working **Expires:** 01-MAY-08
Employee: Elizabeth Janssen
Supplier: GEL
Description: ICPMS Calibration Standard (10 ppb)
Comments: None

Parent Material	Analyte	Parent Conc.	Aliquot	Final Vol.	Final Conc.
WMS080430-04	Aluminum	10000 ug/l	5 mL	50 mL	1000 ug/l
WMS080430-04	Antimony	100 ug/l	5 mL	50 mL	10 ug/l
WMS080430-04	Arsenic	100 ug/l	5 mL	50 mL	10 ug/l
WMS080430-04	Barium	100 ug/l	5 mL	50 mL	10 ug/l
WMS080430-04	Beryllium	100 ug/l	5 mL	50 mL	10 ug/l
WMS080430-04	Boron	200 ug/l	5 mL	50 mL	20 ug/l
WMS080430-04	Cadmium	100 ug/l	5 mL	50 mL	10 ug/l
WMS080430-04	Calcium	10000 ug/l	5 mL	50 mL	1000 ug/l
WMS080430-04	Chromium	100 ug/l	5 mL	50 mL	10 ug/l
WMS080430-04	Cobalt	100 ug/l	5 mL	50 mL	10 ug/l
WMS080430-04	Copper	100 ug/l	5 mL	50 mL	10 ug/l
WMS080430-04	Iron	10000 ug/l	5 mL	50 mL	1000 ug/l

Parent Material	Analyte	Parent Conc.	Aliquot	Final Vol.	Final Conc.
WMS080430-04	Lead	100 ug/l	5 mL	50 mL	10 ug/l
WMS080430-04	Lithium	100 ug/l	5 mL	50 mL	10 ug/l
WMS080430-04	Magnesium	10000 ug/l	5 mL	50 mL	1000 ug/l
WMS080430-04	Manganese	100 ug/l	5 mL	50 mL	10 ug/l
WMS080430-04	Molybdenum	100 ug/l	5 mL	50 mL	10 ug/l
WMS080430-04	Nickel	100 ug/l	5 mL	50 mL	10 ug/l
WMS080430-04	Phosphorous	10000 ug/l	5 mL	50 mL	1000 ug/l
WMS080430-04	Potassium	10000 ug/l	5 mL	50 mL	1000 ug/l
WMS080430-04	Selenium	100 ug/l	5 mL	50 mL	10 ug/l
WMS080430-04	Silver	100 ug/l	5 mL	50 mL	10 ug/l
WMS080430-04	Sodium	10000 ug/l	5 mL	50 mL	1000 ug/l
WMS080430-04	Strontium	100 ug/l	5 mL	50 mL	10 ug/l
WMS080430-04	Thallium	100 ug/l	5 mL	50 mL	10 ug/l
WMS080430-04	Thorium	100 ug/l	5 mL	50 mL	10 ug/l
WMS080430-04	Tin	100 ug/l	5 mL	50 mL	10 ug/l
WMS080430-04	Titanium	100 ug/l	5 mL	50 mL	10 ug/l
WMS080430-04	Tungsten	100 ug/L	5 mL	50 mL	10 ug/L
WMS080430-04	Uranium	100 ug/l	5 mL	50 mL	10 ug/l
WMS080430-04	Vanadium	100 ug/l	5 mL	50 mL	10 ug/l
WMS080430-04	Zinc	100 ug/l	5 mL	50 mL	10 ug/l
WMS080430-04	Zirconium	100 ug/l	5 mL	50 mL	10 ug/l

Serial ID: WMS080430-05 **Opened:** 30-APR-08 **Solvent :** 2%HNO3/1%HCl - 842650
Name: ICPMS ICV **Received:** 30-APR-08
Type: Working **Expires:** 01-MAY-08
Employee: Elizabeth Janssen
Supplier: GEL
Description: ICPMS ICV
Comments: None

Parent Material	Analyte	Parent Conc.	Aliquot	Final Vol.	Final Conc.
UI080306-06	Aluminum	2020 mg/L	.125 mL	50 mL	5050 ug/L
UI080306-06	Calcium	2000 mg/L	.125 mL	50 mL	5000 ug/L
UI080306-06	Iron	2000 mg/L	.125 mL	50 mL	5000 ug/L
UI080306-06	Magnesium	2000 mg/L	.125 mL	50 mL	5000 ug/L
UI080306-06	Phosphorous	2000 mg/L	.125 mL	50 mL	5000 ug/L
UI080306-06	Potassium	2000 mg/L	.125 mL	50 mL	5000 ug/L
UI080306-06	Sodium	2000 mg/L	.125 mL	50 mL	5000 ug/L
UI080306-07	Arsenic	20 mg/L	.125 mL	50 mL	50 ug/L
UI080306-07	Barium	20 mg/L	.125 mL	50 mL	50 ug/L
UI080306-07	Beryllium	20 mg/L	.125 mL	50 mL	50 ug/L
UI080306-07	Boron	40 mg/L	.125 mL	50 mL	100 ug/L
UI080306-07	Cadmium	20 mg/L	.125 mL	50 mL	50 ug/L
UI080306-07	Chromium	20 mg/L	.125 mL	50 mL	50 ug/L
UI080306-07	Cobalt	20 mg/L	.125 mL	50 mL	50 ug/L

Parent Material	Analyte	Parent Conc.	Aliquot	Final Vol.	Final Conc.
UI080306-07	Copper	20 mg/L	.125 mL	50 mL	50 ug/L
UI080306-07	Lead	20 mg/L	.125 mL	50 mL	50 ug/L
UI080306-07	Lithium	20 mg/L	.125 mL	50 mL	50 ug/L
UI080306-07	Manganese	20 mg/L	.125 mL	50 mL	50 ug/L
UI080306-07	Nickel	20 mg/L	.125 mL	50 mL	50 ug/L
UI080306-07	Selenium	20 mg/L	.125 mL	50 mL	50 ug/L
UI080306-07	Strontium	20 mg/L	.125 mL	50 mL	50 ug/L
UI080306-07	Thallium	20 mg/L	.125 mL	50 mL	50 ug/L
UI080306-07	Thorium	20 mg/L	.125 mL	50 mL	50 ug/L
UI080306-07	Uranium	20 mg/L	.125 mL	50 mL	50 ug/L
UI080306-07	Vanadium	20 mg/L	.125 mL	50 mL	50 ug/L
UI080306-07	Zinc	20 mg/L	.125 mL	50 mL	50 ug/L
UI080306-08	Antimony	20 mg/L	.125 mL	50 mL	50 ug/L
UI080306-08	Molybdenum	20 mg/L	.125 mL	50 mL	50 ug/L
UI080306-08	Silver	20 mg/L	.125 mL	50 mL	50 ug/L
UI080306-08	Tin	20 mg/L	.125 mL	50 mL	50 ug/L
UI080306-08	Titanium	20 mg/L	.125 mL	50 mL	50 ug/L
UI080306-08	Tungsten	20 mg/L	.125 mL	50 mL	50 ug/L
UI080306-08	Zirconium	20 mg/L	.125 mL	50 mL	50 ug/L

Serial ID: WMS080430-06 **Opened:** 30-APR-08 **Solvent :** 2%HNO3/1%HCl - 842650
Name: ICPMS CRDL **Received:** 30-APR-08
Type: Working **Expires:** 01-MAY-08
Employee: Elizabeth Janssen
Supplier: GEL
Description: ICPMS CRDL
Comments: None

Parent Material	Analyte	Parent Conc.	Aliquot	Final Vol.	Final Conc.
UI070820-09	Aluminum	15 mg/L	.05 mL	50 mL	15 ug/L
UI070820-09	Arsenic	5 mg/L	.05 mL	50 mL	5 ug/L
UI070820-09	Barium	2 mg/L	.05 mL	50 mL	2 ug/L
UI070820-09	Beryllium	.5 mg/L	.05 mL	50 mL	.5 ug/L
UI070820-09	Boron	15 mg/L	.05 mL	50 mL	15 ug/L
UI070820-09	Cadmium	1 mg/L	.05 mL	50 mL	1 ug/L
UI070820-09	Calcium	100 mg/L	.05 mL	50 mL	100 ug/L
UI070820-09	Chromium	3 mg/L	.05 mL	50 mL	3 ug/L
UI070820-09	Cobalt	1 mg/L	.05 mL	50 mL	1 ug/L
UI070820-09	Copper	1 mg/L	.05 mL	50 mL	1 ug/L
UI070820-09	Iron	25 mg/L	.05 mL	50 mL	25 ug/L
UI070820-09	Lead	2 mg/L	.05 mL	50 mL	2 ug/L
UI070820-09	Lithium	10 mg/L	.05 mL	50 mL	10 ug/L
UI070820-09	Magnesium	15 mg/L	.05 mL	50 mL	15 ug/L
UI070820-09	Manganese	5 mg/L	.05 mL	50 mL	5 ug/L
UI070820-09	Nickel	2 mg/L	.05 mL	50 mL	2 ug/L

Parent Material	Analyte	Parent Conc.	Aliquot	Final Vol.	Final Conc.
UI070820-09	Phosphorous	50 mg/L	.05 mL	50 mL	50 ug/L
UI070820-09	Potassium	300 mg/L	.05 mL	50 mL	300 ug/L
UI070820-09	Selenium	5 mg/L	.05 mL	50 mL	5 ug/L
UI070820-09	Sodium	250 mg/L	.05 mL	50 mL	250 ug/L
UI070820-09	Strontium	10 mg/L	.05 mL	50 mL	10 ug/L
UI070820-09	Thallium	1 mg/L	.05 mL	50 mL	1 ug/L
UI070820-09	Thorium	1 mg/L	.05 mL	50 mL	1 ug/L
UI070820-09	Uranium	.2 mg/L	.05 mL	50 mL	.2 ug/L
UI070820-09	Vanadium	10 mg/L	.05 mL	50 mL	10 ug/L
UI070820-09	Zinc	10 mg/L	.05 mL	50 mL	10 ug/L
UI070820-10	Antimony	2 mg/L	.05 mL	50 mL	2 ug/L
UI070820-10	Molybdenum	.5 mg/L	.05 mL	50 mL	.5 ug/L
UI070820-10	Silver	1 mg/L	.05 mL	50 mL	1 ug/L
UI070820-10	Tin	2 mg/L	.05 mL	50 mL	5 ug/L
UI070820-10	Titanium	10 mg/L	.05 mL	50 mL	10 ug/L
UI070820-10	Tungsten	5 mg/L	.05 mL	50 mL	5 ug/L
UI070820-10	Zirconium	2 mg/L	.05 mL	50 mL	2 ug/L

Serial ID: WMS080430-07 **Opened:** 30-APR-08 **Solvent :** 2%HNO3/1%HCl - 842650
Name: ICPMS ICSA **Received:** 30-APR-08
Type: Working **Expires:** 01-MAY-08
Employee: Elizabeth Janssen
Supplier: GEL
Description: ICPMS ICSA
Comments: None

Parent Material	Analyte	Parent Conc.	Aliquot	Final Vol.	Final Conc.
UI080320-11	Aluminum	1000 mg/L	5 mL	50 mL	100000 ug/L
UI080320-11	Calcium	1000 mg/L	5 mL	50 mL	100000 ug/L
UI080320-11	Chloride	10000 mg/L	5 mL	50 mL	1000000 ug/L
UI080320-11	Iron	1000 mg/L	5 mL	50 mL	100000 ug/L
UI080320-11	Magnesium	1000 mg/L	5 mL	50 mL	100000 ug/L
UI080320-11	Molybdenum	20 mg/L	5 mL	50 mL	2000 ug/L
UI080320-11	Phosphorous	1000 mg/L	5 mL	50 mL	100000 ug/L
UI080320-11	Potassium	1000 mg/L	5 mL	50 mL	100000 ug/L
UI080320-11	Sodium	1000 mg/L	5 mL	50 mL	100000 ug/L
UI080320-11	Sulfur	1000 mg/L	5 mL	50 mL	100000 ug/L
UI080320-11	Titanium	20 mg/L	5 mL	50 mL	2000 ug/L

Serial ID: WMS080430-08 **Opened:** 30-APR-08 **Solvent :** 2%HNO3/1%HCl - 842650
Name: ICPMS ICSAB **Received:** 30-APR-08
Type: Working **Expires:** 01-MAY-08
Employee: Elizabeth Janssen
Supplier: GEL
Description: ICPMS ICSAB

Comments: None

Parent Material	Analyte	Parent Conc.	Aliquot	Final Vol.	Final Conc.
UI070913-12	Arsenic	2 mg/L	.5 mL	50 mL	20 ug/L
UI070913-12	Barium	2 mg/L	.5 mL	50 mL	20 ug/L
UI070913-12	Beryllium	2 mg/L	.5 mL	50 mL	20 ug/L
UI070913-12	Boron	2 mg/L	.5 mL	50 mL	20 ug/L
UI070913-12	Cadmium	2 mg/L	.5 mL	50 mL	20.2 ug/L
UI070913-12	Chromium	2 mg/L	.5 mL	50 mL	22.2 ug/L
UI070913-12	Cobalt	2 mg/L	.5 mL	50 mL	20.4 ug/L
UI070913-12	Copper	2 mg/L	.5 mL	50 mL	23.4 ug/L
UI070913-12	Lead	2 mg/L	.5 mL	50 mL	20 ug/L
UI070913-12	Lithium	2 mg/L	.5 mL	50 mL	20 ug/L
UI070913-12	Manganese	2 mg/L	.5 mL	50 mL	22.7 ug/L
UI070913-12	Nickel	2 mg/L	.5 mL	50 mL	22.4 ug/L
UI070913-12	Selenium	2 mg/L	.5 mL	50 mL	20 ug/L
UI070913-12	Strontium	2 mg/L	.5 mL	50 mL	20 ug/L
UI070913-12	Thallium	2 mg/L	.5 mL	50 mL	20 ug/L
UI070913-12	Thorium	2 mg/L	.5 mL	50 mL	20 ug/L
UI070913-12	Uranium	2 mg/L	.5 mL	50 mL	20 ug/L
UI070913-12	Vanadium	2 mg/L	.5 mL	50 mL	20 ug/L
UI070913-12	Zinc	2 mg/L	.5 mL	50 mL	27 ug/L
UI070913-13	Antimony	2 mg/L	.5 mL	50 mL	20.5 ug/L
UI070913-13	Silver	2 mg/L	.5 mL	50 mL	20 ug/L
UI070913-13	Tin	2 mg/L	.5 mL	50 mL	20 ug/L
UI070913-13	Tungsten	2 mg/L	.5 mL	50 mL	20 ug/L
UI070913-13	Zirconium	2 mg/L	.5 mL	50 mL	20 ug/L
UI080320-11	Aluminum	1000 mg/L	5 mL	50 mL	100000 ug/L
UI080320-11	Calcium	1000 mg/L	5 mL	50 mL	100000 ug/L
UI080320-11	Chloride	10000 mg/L	5 mL	50 mL	1000000 ug/L
UI080320-11	Iron	1000 mg/L	5 mL	50 mL	100000 ug/L
UI080320-11	Magnesium	1000 mg/L	5 mL	50 mL	100000 ug/L
UI080320-11	Molybdenum	20 mg/L	5 mL	50 mL	2000 ug/L
UI080320-11	Phosphorous	1000 mg/L	5 mL	50 mL	100000 ug/L
UI080320-11	Potassium	1000 mg/L	5 mL	50 mL	100000 ug/L
UI080320-11	Sodium	1000 mg/L	5 mL	50 mL	100000 ug/L
UI080320-11	Sulfur	1000 mg/L	5 mL	50 mL	100000 ug/L
UI080320-11	Titanium	20 mg/L	5 mL	50 mL	2000 ug/L

Serial ID: 750096 **Opened:** 06-MAR-08 **Lot Number :** E48032
Name: I-HCL **Received:** 06-MAR-08 **Preservative_Id :** 5 none
Type: Reagent/Solvent **Expires:** 06-MAR-09
Employee: Stephanie Jackson
Supplier: J.T. BAKER
Description: HYDROCHLORIC ACID
Comments: None

Serial ID: 750810 **Opened:** 07-MAR-08 **Lot Number :** G02058 L
Name: I-HNO3 **Received:** 07-MAR-08 **Preservative_Id :** 4 none
Type: Reagent/Solvent **Expires:** 07-MAR-09
Employee: Francena Armstrong
Supplier: J.T. Baker
Description: 4M Nitric Acid
Comments: None

Serial ID: 839875 **Opened:** 19-APR-08 **Lot Number :** E40060
Name: I-HCL **Received:** 19-APR-08 **Preservative_Id :** 5 none
Type: Reagent/Solvent **Expires:** 19-APR-09
Employee: Francena Armstrong
Supplier: J.T. BAKER
Description: HYDROCHLORIC ACID
Comments: None

Serial ID: 839877 **Opened:** 19-APR-08 **Lot Number :** G04026 L
Name: I-HNO3 **Received:** 19-APR-08
Type: Reagent/Solvent **Expires:** 19-APR-09
Employee: Francena Armstrong
Supplier: J.T. Baker
Description: Nitric Acid CONC.
Comments: None

Serial ID: 842650 **Opened:** 28-APR-08 **Solvent :** Type I Water
Name: B-2%HNO3/1%HCl-ICPMS **Received:** 28-APR-08
Type: Reagent/Solvent **Expires:** 04-MAY-08
Employee: Paul Boyd
Supplier: GEL
Description: 2%HNO3/1%HCl Solution (Type I Water)
Comments: None

Parent Material	Analyte	Parent Conc.	Aliquot	Final Vol.	Final Conc.
750096	I-HCL	36.5-38.0	90 mL	9 l	N/A
750810	I-HNO3	17.5 percent	180 mL	9 l	N/A

RADIOLOGICAL ANALYSIS

Radiochemistry Case Narrative
de maximis, inc. (DMAX)
SDG 206533

Method/Analysis Information

Product:	**GFPC, Ra228, Liquid**
Analytical Method:	EPA 904.0 Modified
Analytical Batch Number:	745869

Sample ID	Client ID
206533001	MC-49
206533002	MC-46
206533003	MC-50
206533004	MC-51
206533005	MC-53
206533007	MC-47
206533008	MC-47 (FD)
206533009	MC-48
1201558129	Method Blank (MB)
1201558130	206533001(MC-49) Sample Duplicate (DUP)
1201558131	206533001(MC-49) Matrix Spike (MS)
1201558132	Laboratory Control Sample (LCS)

The samples in this SDG were analyzed on an "as received" basis.

SOP Reference
Procedure for preparation, analysis and reporting of analytical data are controlled by GEL Laboratories LLC as Standard Operating Procedure (SOP). The data discussed in this narrative has been analyzed in accordance with GL-RAD-A-009 REV# 14.

Calibration Information:

Calibration Information
All initial and continuing calibration requirements have been met.

Standards Information
Standard solution(s) for these analyses are NIST traceable and used before the expiration date(s).

Sample Geometry
All counting sources were prepared in the same geometry as the calibration standards.

Quality Control (QC) Information:

Blank Information
The blank volume is representative of the sample volume in this batch.

Designated QC
The following sample was used for QC: 206533001 (MC-49).

QC Information
All of the QC samples met the required acceptance limits.

Technical Information:

Holding Time
All sample procedures for this sample set were performed within the required holding time.

Preparation Information
All preparation criteria have been met for these analyses.

Sample Re-prep/Re-analysis
None of the samples in this sample set required reprep or reanalysis.

Chemical Recoveries
All chemical recoveries meet the required acceptance limits for this sample set.

Miscellaneous Information:

NCR Documentation
Nonconformance reports are generated to document any procedural anomalies that may deviate from referenced SOP or contractual documents. A nonconformance report (NCR) was not generated for this SDG.

Additional Comments
The sample and the duplicate, 1201558130 (MC-49) and 206533001 (MC-49), did not meet the relative percent difference requirement, however they do meet the relative error ratio requirement with value of 1.7250.

Qualifier information

Manual qualifiers were not required.

Method/Analysis Information

Product:	**Lucas Cell, Ra226, liquid**
Analytical Method:	EPA 903.1 Modified
Analytical Batch Number:	745792

Sample ID	Client ID
206533001	MC-49
206533002	MC-46
206533003	MC-50
206533004	MC-51
206533005	MC-53
206533007	MC-47
206533008	MC-47 (FD)
206533009	MC-48
1201557930	Method Blank (MB)
1201557931	206533007(MC-47) Sample Duplicate (DUP)
1201557932	206533007(MC-47) Matrix Spike (MS)
1201557933	Laboratory Control Sample (LCS)

The samples in this SDG were analyzed on an "as received" basis.

SOP Reference
Procedure for preparation, analysis and reporting of analytical data are controlled by GEL Laboratories LLC as Standard Operating Procedure (SOP). The data discussed in this narrative has been analyzed in accordance with GL-RAD-A-008 REV# 12.

Calibration Information:

Calibration Information
All initial and continuing calibration requirements have been met.

Standards Information
Standard solution(s) for these analyses are NIST traceable and used before the expiration date(s).

Sample Geometry
All counting sources were prepared in the same geometry as the calibration standards.

Quality Control (QC) Information:

Blank Information
The blank volume is representative of the sample volume in this batch.

Designated QC
The following sample was used for QC: 206533007 (MC-47).

QC Information
All of the QC samples met the required acceptance limits.

Technical Information:

Holding Time
All sample procedures for this sample set were performed within the required holding time.

Preparation Information
All preparation criteria have been met for these analyses.

Sample Re-prep/Re-analysis
None of the samples in this sample set required reprep or reanalysis.

Miscellaneous Information:

NCR Documentation
Nonconformance reports are generated to document any procedural anomalies that may deviate from referenced SOP or contractual documents. A nonconformance report (NCR) was not generated for this SDG.

Additional Comments
Additional comments were not required for this sample set.

Qualifier information

Manual qualifiers were not required.

Certification Statement

Where the analytical method has been performed under NELAP certification, the analysis has met all of the requirements of the NELAC standard unless otherwise noted in the analytical case narrative.

Review Validation:

GEL requires all analytical data to be verified by a qualified data validator. In addition, all data designated for CLP or CLP-like packaging will receive a third level validation upon completion of the data package.

The following data validator verified the information presented in this case narrative:

Reviewer/Date:_____ 5/1/08 _____

SAMPLE DATA SUMMARY

GEL LABORATORIES LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis Report
for

DMAX005 de maximis, inc.

Client SDG: 206533 GEL Work Order: 206533

The Qualifiers in this report are defined as follows:

* Recovery or %RPD not within acceptance limits and/or spike amount not compatible with the sample or the duplicate RPD's are not applicable where the concentration falls below the effective PQL.

** Indicates analyte is a surrogate compound.

U The analyte was analyzed for but not detected below this concentration. For Organic and Inorganic analytes the result is less than the effective MDL. For radiochemical analytes the result is less than the Decision Level

Where the analytical method has been performed under NELAP certification, the analysis has met all of the requirements of the NELAC standard unless qualified on the Certificate of Analysis.

The designation ND, if present, appears in the result column when the analyte concentration is not detected above the detection limit.

This data report has been prepared and reviewed in accordance with GEL Laboratories LLC standard operating procedures. Please direct any questions to your Project Manager, Edith Kent.

Reviewed by

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : de maximis, inc.
Address : 1322 Scott Street
Suite 101
San Diego, California 92106
Contact: Mr. Ed Modiano
Project: Quarterly Transect Sampling

Report Date: May 1, 2008

Client Sample ID:	MC-49	Project:	DMAX00108
Sample ID:	206533001	Client ID:	DMAX005
Matrix:	Ground Water		
Collect Date:	09-APR-08		
Receive Date:	11-APR-08		
Collector:	Client		

Parameter	Qualifier	Result	Uncertainty	DL	TPU	RL	Units	DF	Analyst	Date	Time	Batch	Mtd.
Rad Gas Flow Proportional Counting													
GFPC, Ra228, Liquid "As Received"													
Radium-228		0.629	+/-0.332	0.452	+/-0.368	1.00	pCi/L		BXF1	04/21/08	1648	745869	1
Rad Radium-226													
Lucas Cell, Ra226, liquid "As Received"													
Radium-226		1.31	+/-0.596	0.733	+/-0.644	1.00	pCi/L		KSD1	04/25/08	1550	745792	2

The following Analytical Methods were performed

Method	Description
1	EPA 904.0 Modified
2	EPA 903.1 Modified

Surrogate/Tracer recovery	Test	Recovery%	Acceptable Limits
Barium-133 Tracer	GFPC, Ra228, Liquid "As Receive	76	(15%-125%)

Notes:

The Qualifiers in this report are defined as follows :

* Recovery or %RPD not within acceptance limits and/or spike amount not compatible with the sample or the duplicate RPD's are not applicable where the concentration falls below the effective PQL.
** Indicates analyte is a surrogate compound.
B The analyte was found in the blank above the effective MDL.
H Analytical holding time was exceeded
J Estimated value, the analyte concentration fell above the effective MDL and below the effective PQL
U The analyte was analyzed for but not detected below this concentration. For Organic and Inorganic analytes the result is less than the effective MDL. For radiochemical analytes the result is less than the Decision Level
X Data rejected due to interference.
X Data rejected due to low abundance.
X Data rejected due to no valid peak.
X Uncertain identification for gamma spectroscopy.
h Prep holding time exceeded
The above sample is reported on an "as received" basis.

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : de maximis, inc.
Address : 1322 Scott Street
Suite 101
San Diego, California 92106
Contact: Mr. Ed Modiano
Project: Quarterly Transect Sampling

Report Date: May 1, 2008

Client Sample ID: MC-46
Sample ID: 206533002
Matrix: Ground Water
Collect Date: 09-APR-08
Receive Date: 11-APR-08
Collector: Client

Project: DMAX00108
Client ID: DMAX005

Parameter	Qualifier	Result	Uncertainty	DL	TPU	RL	Units	DF	Analyst	Date	Time	Batch	Mtd.
Rad Gas Flow Proportional Counting													
GFPC, Ra228, Liquid "As Received"													
Radium-228		0.951	+/-0.429	0.549	+/-0.493	1.00	pCi/L		BXF1	04/21/08	1648	745869	1
Rad Radium-226													
Lucas Cell, Ra226, liquid "As Received"													
Radium-226		1.12	+/-0.546	0.695	+/-0.585	1.00	pCi/L		KSD1	04/25/08	1550	745792	2

The following Analytical Methods were performed

Method	Description
1	EPA 904.0 Modified
2	EPA 903.1 Modified

Surrogate/Tracer recovery	Test	Recovery%	Acceptable Limits
Barium-133 Tracer	GFPC, Ra228, Liquid "As Receive	63	(15%-125%)

Notes:

The Qualifiers in this report are defined as follows :

* Recovery or %RPD not within acceptance limits and/or spike amount not compatible with the sample or the duplicate RPD's are not applicable where the concentration falls below the effective PQL.
** Indicates analyte is a surrogate compound.
B The analyte was found in the blank above the effective MDL.
H Analytical holding time was exceeded
J Estimated value, the analyte concentration fell above the effective MDL and below the effective PQL
U The analyte was analyzed for but not detected below this concentration. For Organic and Inorganic analytes the result is less than the effective MDL. For radiochemical analytes the result is less than the Decision Level
X Data rejected due to interference.
X Data rejected due to low abundance.
X Data rejected due to no valid peak.
X Presumptive evidence that the analyte is not present. Please see narrative for further information.
X Uncertain identification for gamma spectroscopy.
h Prep holding time exceeded
The above sample is reported on an "as received" basis.

Certificate of Analysis

Company : de maximis, inc.
Address : 1322 Scott Street
Suite 101
San Diego, California 92106
Contact: Mr. Ed Modiano
Project: Quarterly Transect Sampling

Report Date: May 1, 2008

Client Sample ID:	MC-50	Project:	DMAX00108
Sample ID:	206533003	Client ID:	DMAX005
Matrix:	Ground Water		
Collect Date:	09-APR-08		
Receive Date:	11-APR-08		
Collector:	Client		

Parameter	Qualifier	Result	Uncertainty	DL	TPU	RL	Units	DF	Analyst	Date	Time	Batch	Mtd.
Rad Gas Flow Proportional Counting													
GFPC, Ra228, Liquid "As Received"													
Radium-228	U	0.261	+/-0.307	0.517	+/-0.314	1.00	pCi/L		BXF1	04/21/08	1648	745869	1
Rad Radium-226													
Lucas Cell, Ra226, liquid "As Received"													
Radium-226		1.27	+/-0.527	0.569	+/-0.575	1.00	pCi/L		KSD1	04/25/08	1809	745792	2

The following Analytical Methods were performed

Method	Description
1	EPA 904.0 Modified
2	EPA 903.1 Modified

Surrogate/Tracer recovery	Test	Recovery%	Acceptable Limits
Barium-133 Tracer	GFPC, Ra228, Liquid "As Receive	84	(15%-125%)

Notes:

The Qualifiers in this report are defined as follows :

* Recovery or %RPD not within acceptance limits and/or spike amount not compatible with the sample or the duplicate RPD's are not applicable where the concentration falls below the effective PQL.
** Indicates analyte is a surrogate compound.
B The analyte was found in the blank above the effective MDL.
H Analytical holding time was exceeded
J Estimated value, the analyte concentration fell above the effective MDL and below the effective PQL
U The analyte was analyzed for but not detected below this concentration. For Organic and Inorganic analytes the result is less than the effective MDL. For radiochemical analytes the result is less than the Decision Level
X Data rejected due to interference.
X Data rejected due to low abundance.
X Data rejected due to no valid peak.
X Presumptive evidence that the analyte is not present. Please see narrative for further information.
X Uncertain identification for gamma spectroscopy.
h Prep holding time exceeded
The above sample is reported on an "as received" basis.

Certificate of Analysis

Company : de maximis, inc.
Address : 1322 Scott Street
Suite 101
San Diego, California 92106
Contact: Mr. Ed Modiano
Project: Quarterly Transect Sampling

Report Date: May 1, 2008

Client Sample ID:	MC-51	Project:	DMAX00108
Sample ID:	206533004	Client ID:	DMAX005
Matrix:	Ground Water		
Collect Date:	09-APR-08		
Receive Date:	11-APR-08		
Collector:	Client		

Parameter	Qualifier	Result	Uncertainty	DL	TPU	RL	Units	DF	Analyst	Date	Time	Batch	Mtd.
Rad Gas Flow Proportional Counting													
GFPC, Ra228, Liquid "As Received"													
Radium-228	U	0.626	+/-0.580	0.951	+/-0.601	1.00	pCi/L		BXF1	04/21/08	1648	745869	1
Rad Radium-226													
Lucas Cell, Ra226, liquid "As Received"													
Radium-226		0.735	+/-0.422	0.557	+/-0.443	1.00	pCi/L		KSD1	04/25/08	1550	745792	2

The following Analytical Methods were performed

Method	Description
1	EPA 904.0 Modified
2	EPA 903.1 Modified

Surrogate/Tracer recovery	Test	Recovery%	Acceptable Limits
Barium-133 Tracer	GFPC, Ra228, Liquid "As Receive	60	(15%-125%)

Notes:

The Qualifiers in this report are defined as follows :

* Recovery or %RPD not within acceptance limits and/or spike amount not compatible with the sample or the duplicate RPD's are not applicable where the concentration falls below the effective PQL.
** Indicates analyte is a surrogate compound.
B The analyte was found in the blank above the effective MDL.
H Analytical holding time was exceeded
J Estimated value, the analyte concentration fell above the effective MDL and below the effective PQL
U The analyte was analyzed for but not detected below this concentration. For Organic and Inorganic analytes the result is less than the effective MDL. For radiochemical analytes the result is less than the Decision Level
X Data rejected due to interference.
X Data rejected due to low abundance.
X Data rejected due to no valid peak.
X Presumptive evidence that the analyte is not present. Please see narrative for further information.
X Uncertain identification for gamma spectroscopy.
h Prep holding time exceeded
The above sample is reported on an "as received" basis.

Certificate of Analysis

Company : de maximis, inc.
Address : 1322 Scott Street
Suite 101
San Diego, California 92106
Contact: Mr. Ed Modiano
Project: Quarterly Transect Sampling

Report Date: May 1, 2008

Client Sample ID:	MC-53	Project:	DMAX00108
Sample ID:	206533005	Client ID:	DMAX005
Matrix:	Ground Water		
Collect Date:	09-APR-08		
Receive Date:	11-APR-08		
Collector:	Client		

Parameter	Qualifier	Result	Uncertainty	DL	TPU	RL	Units	DF	Analyst	Date	Time	Batch	Mtd.
Rad Gas Flow Proportional Counting													
GFPC, Ra228, Liquid "As Received"													
Radium-228		0.835	+/-0.463	0.643	+/-0.510	1.00	pCi/L		BXF1	04/21/08	1648	745869	1
Rad Radium-226													
Lucas Cell, Ra226, liquid "As Received"													
Radium-226		0.772	+/-0.427	0.502	+/-0.451	1.00	pCi/L		KSD1	04/25/08	1550	745792	2

The following Analytical Methods were performed

Method	Description
1	EPA 904.0 Modified
2	EPA 903.1 Modified

Surrogate/Tracer recovery	Test	Recovery%	Acceptable Limits
Barium-133 Tracer	GFPC, Ra228, Liquid "As Receive	56	(15%-125%)

Notes:

The Qualifiers in this report are defined as follows :

* Recovery or %RPD not within acceptance limits and/or spike amount not compatible with the sample or the duplicate RPD's are not applicable where the concentration falls below the effective PQL.
** Indicates analyte is a surrogate compound.
B The analyte was found in the blank above the effective MDL.
H Analytical holding time was exceeded
J Estimated value, the analyte concentration fell above the effective MDL and below the effective PQL
U The analyte was analyzed for but not detected below this concentration. For Organic and Inorganic analytes the result is less than the effective MDL. For radiochemical analytes the result is less than the Decision Level
X Data rejected due to interference.
X Data rejected due to low abundance.
X Data rejected due to no valid peak.
X Presumptive evidence that the analyte is not present. Please see narrative for further information.
X Uncertain identification for gamma spectroscopy.
h Prep holding time exceeded
The above sample is reported on an "as received" basis.

Certificate of Analysis

Company : de maximis, inc.
Address : 1322 Scott Street
Suite 101
San Diego, California 92106
Contact: Mr. Ed Modiano
Project: Quarterly Transect Sampling

Report Date: May 1, 2008

Client Sample ID:	MC-47	Project:	DMAX00108
Sample ID:	206533007	Client ID:	DMAX005
Matrix:	Ground Water		
Collect Date:	09-APR-08		
Receive Date:	14-APR-08		
Collector:	Client		

Parameter	Qualifier	Result	Uncertainty	DL	TPU	RL	Units	DF	Analyst	Date	Time	Batch	Mtd.
Rad Gas Flow Proportional Counting													
GFPC, Ra228, Liquid "As Received"													
Radium-228		1.10	+/-0.466	0.608	+/-0.545	1.00	pCi/L		BXF1	04/21/08	1648	745869	1
Rad Radium-226													
Lucas Cell, Ra226, liquid "As Received"													
Radium-226		0.962	+/-0.587	0.818	+/-0.614	1.00	pCi/L		KSD1	04/25/08	1655	745792	2

The following Analytical Methods were performed

Method	Description
1	EPA 904.0 Modified
2	EPA 903.1 Modified

Surrogate/Tracer recovery	Test	Recovery%	Acceptable Limits
Barium-133 Tracer	GFPC, Ra228, Liquid "As Receive	67	(15%-125%)

Notes:

The Qualifiers in this report are defined as follows :

* Recovery or %RPD not within acceptance limits and/or spike amount not compatible with the sample or the duplicate RPD's are not applicable where the concentration falls below the effective PQL.
** Indicates analyte is a surrogate compound.
B The analyte was found in the blank above the effective MDL.
H Analytical holding time was exceeded
J Estimated value, the analyte concentration fell above the effective MDL and below the effective PQL
U The analyte was analyzed for but not detected below this concentration. For Organic and Inorganic analytes the result is less than the effective MDL. For radiochemical analytes the result is less than the Decision Level
X Data rejected due to interference.
X Data rejected due to low abundance.
X Data rejected due to no valid peak.
X Presumptive evidence that the analyte is not present. Please see narrative for further information.
X Uncertain identification for gamma spectroscopy.
h Prep holding time exceeded
The above sample is reported on an "as received" basis.

Certificate of Analysis

Company : de maximis, inc.
Address : 1322 Scott Street
Suite 101
San Diego, California 92106
Contact: Mr. Ed Modiano
Project: Quarterly Transect Sampling

Report Date: May 1, 2008

Client Sample ID:	MC-47 (FD)	Project:	DMAX00108
Sample ID:	206533008	Client ID:	DMAX005
Matrix:	Ground Water		
Collect Date:	09-APR-08		
Receive Date:	14-APR-08		
Collector:	Client		

Parameter	Qualifier	Result	Uncertainty	DL	TPU	RL	Units	DF	Analyst	Date	Time	Batch	Mtd.
Rad Gas Flow Proportional Counting													
GFPC, Ra228, Liquid "As Received"													
Radium-228	U	0.751	+/-0.531	0.829	+/-0.565	1.00	pCi/L		BXF1	04/21/08	1648	745869	1
Rad Radium-226													
Lucas Cell, Ra226, liquid "As Received"													
Radium-226		0.626	+/-0.343	0.375	+/-0.362	1.00	pCi/L		KSD1	04/25/08	1655	745792	2

The following Analytical Methods were performed

Method	Description
1	EPA 904.0 Modified
2	EPA 903.1 Modified

Surrogate/Tracer recovery	Test	Recovery%	Acceptable Limits
Barium-133 Tracer	GFPC, Ra228, Liquid "As Receive	64	(15%-125%)

Notes:

The Qualifiers in this report are defined as follows :

* Recovery or %RPD not within acceptance limits and/or spike amount not compatible with the sample or the duplicate RPD's are not applicable where the concentration falls below the effective PQL.
** Indicates analyte is a surrogate compound.
B The analyte was found in the blank above the effective MDL.
H Analytical holding time was exceeded
J Estimated value, the analyte concentration fell above the effective MDL and below the effective PQL
U The analyte was analyzed for but not detected below this concentration. For Organic and Inorganic analytes the result is less than the effective MDL. For radiochemical analytes the result is less than the Decision Level
X Data rejected due to interference.
X Data rejected due to low abundance.
X Data rejected due to no valid peak.
X Presumptive evidence that the analyte is not present. Please see narrative for further information.
X Uncertain identification for gamma spectroscopy.
h Prep holding time exceeded
The above sample is reported on an "as received" basis.

Certificate of Analysis

Company : de maximis, inc.
Address : 1322 Scott Street
Suite 101
San Diego, California 92106
Contact: Mr. Ed Modiano
Project: Quarterly Transect Sampling

Report Date: May 1, 2008

Client Sample ID:	MC-48	Project:	DMAX00108
Sample ID:	206533009	Client ID:	DMAX005
Matrix:	Ground Water		
Collect Date:	09-APR-08		
Receive Date:	14-APR-08		
Collector:	Client		

Parameter	Qualifier	Result	Uncertainty	DL	TPU	RL	Units	DF	Analyst	Date	Time	Batch	Mtd.
Rad Gas Flow Proportional Counting													
GFPC, Ra228, Liquid "As Received"													
Radium-228	U	0.683	+/-0.471	0.724	+/-0.502	1.00	pCi/L		BXF1	04/21/08	1648	745869	1
Rad Radium-226													
Lucas Cell, Ra226, liquid "As Received"													
Radium-226		1.39	+/-0.563	0.624	+/-0.616	1.00	pCi/L		KSD1	04/25/08	1840	745792	2

The following Analytical Methods were performed

Method	Description
1	EPA 904.0 Modified
2	EPA 903.1 Modified

Surrogate/Tracer recovery	Test	Recovery%	Acceptable Limits
Barium-133 Tracer	GFPC, Ra228, Liquid "As Receive	65	(15%-125%)

Notes:

The Qualifiers in this report are defined as follows :

* Recovery or %RPD not within acceptance limits and/or spike amount not compatible with the sample or the duplicate RPD's are not applicable where the concentration falls below the effective PQL.
** Indicates analyte is a surrogate compound.
B The analyte was found in the blank above the effective MDL.
H Analytical holding time was exceeded
J Estimated value, the analyte concentration fell above the effective MDL and below the effective PQL
U The analyte was analyzed for but not detected below this concentration. For Organic and Inorganic analytes the result is less than the effective MDL. For radiochemical analytes the result is less than the Decision Level
X Data rejected due to interference.
X Data rejected due to low abundance.
X Data rejected due to no valid peak.
X Presumptive evidence that the analyte is not present. Please see narrative for further information.
X Uncertain identification for gamma spectroscopy.
h Prep holding time exceeded
The above sample is reported on an "as received" basis.

QUALITY CONTROL DATA

GEL LABORATORIES LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

QC Summary

Report Date: May 1, 2008

Client : **de maximis, inc.**
1322 Scott Street
Suite 101
San Diego, California
Contact: **Mr. Ed Modiano**

Workorder: **206533**

Parmname	NOM	Sample	Qual	QC	Units	RPD%	REC%	Range	Anlst	Date Time
Rad Gas Flow										
Batch 745869										
QC1201558130 206533001 DUP										
Radium-228		0.629	U	0.182	pCi/L	110*		(0% - 100%)	BXF1	04/21/0816:48
	Uncert:	+/-0.332		+/-0.346						
	TPU:	+/-0.368		+/-0.349						
QC1201558132 LCS										
Radium-228	10.6			11.1	pCi/L		105	(75%-125%)		04/21/0816:48
	Uncert:			+/-1.10						
	TPU:			+/-3.02						
QC1201558129 MB										
Radium-228			U	0.342	pCi/L					04/21/0816:48
	Uncert:			+/-0.356						
	TPU:			+/-0.366						
QC1201558131 206533001 MS										
Radium-228	31.8	0.629		32.2	pCi/L		100	(75%-125%)		04/21/0816:48
	Uncert:	+/-0.332		+/-3.42						
	TPU:	+/-0.368		+/-8.90						
Rad Ra-226										
Batch 745792										
QC1201557931 206533007 DUP										
Radium-226		0.962		0.982	pCi/L	2		(0% - 100%)	KSD1	04/25/0816:55
	Uncert:	+/-0.587		+/-0.405						
	TPU:	+/-0.614		+/-0.445						
QC1201557933 LCS										
Radium-226	24.1			23.7	pCi/L		99	(75%-125%)		04/25/0817:37
	Uncert:			+/-2.06						
	TPU:			+/-4.90						
QC1201557930 MB										
Radium-226			U	0.154	pCi/L					04/25/0816:55
	Uncert:			+/-0.440						
	TPU:			+/-0.441						
QC1201557932 206533007 MS										
Radium-226	120	0.962		131	pCi/L		108	(75%-125%)		04/25/0817:37
	Uncert:	+/-0.587		+/-9.95						
	TPU:	+/-0.614		+/-26.4						

Notes:
The Qualifiers in this report are defined as follows:

- * Recovery or %RPD not within acceptance limits and/or spike amount not compatible with the sample or the duplicate RPD's are not applicable where the concentration falls below the effective PQL.
- ** Indicates analyte is a surrogate compound.
- B The analyte was found in the blank above the effective MDL.

QC Summary

Workorder: 206533

Parmname	NOM	Sample	Qual	QC	Units	RPD%	REC%	Range	Anlst	Date	Time

H	Analytical holding time was exceeded
J	Estimated value, the analyte concentration fell above the effective MDL and below the effective PQL
U	The analyte was analyzed for but not detected below this concentration. For Organic and Inorganic analytes the result is less than the effective MDL. For radiochemical analytes the result is less than the Decision Level
X	Data rejected due to interference.
X	Data rejected due to low abundance.
X	Data rejected due to no valid peak.
X	Presumptive evidence that the analyte is not present. Please see narrative for further information.
X	Uncertain identification for gamma spectroscopy.
h	Prep holding time exceeded

N/A indicates that spike recovery limits do not apply when sample concentration exceeds spike conc. by a factor of 4 or more.
** Indicates analyte is a surrogate compound.
^ The Relative Percent Difference (RPD) obtained from the sample duplicate (DUP) is evaluated against the acceptence criteria when the sample is greater than five times (5X) the contract required detection limit (RL). In cases where either the sample or duplicate value is less than 5X the RL, a control limit of +/- the RL is used to evaluate the DUP result.
For PS, PSD, and SDILT results, the values listed are the measured amounts, not final concentrations.

Where the analytical method has been performed under NELAP certification, the analysis has met all of the requirements of the NELAC standard unless qualified on the QC Summary.

RAW DATA

Radiochemistry Batch Checklist, Rev 6

Batch# 745869 Product: Ra 228 Date: 4/21/08

Criteria:	Yes	No	Comments
Sample Solids are less than or equal to100 mg for GAB.			N/A
If activity less 10* MDA, error is 150% or less of sample activity. If greater 10* MDA, error is 40% or less. If below the MDA, error is okay.	✓		
Instrument source check is within limits. Instument bkg check is within limits.	✓		
Method RDL has been met.	✓		
If duplicate activities are less 5* MDA, then rpd is 100% or less. If greater 5* MDA, then rpd 20% or less. If below the MDA, the rpd is 0%. Or meets the client's required RER acceptance criteria.	✓		
Tracer yield is 15-125% . Carrier yield 25-125%. Or meets the client's contract acceptance criteria.	✓		
Method blank is less than the RDL. (If rad samples, < 5% of lowest activity)	✓		
Sample was run within hold time. Special requirements page checked	✓		
Sample was correctly preserved if required.	✓		
Smears Taken for Radioactive batches.			N/A
Method Spike and LCS are within 75-125% or meets the client's contract acceptance criteria.	✓		
No blank spaces on data forms. All lineouts initialed and dated. No transcription errors are apparent.	✓		
QC data entered into QC database. Batch entered into Case Narrative.	✓		
Batch non-conformances completed If applicable.			N/A
Aliquot Correction completed if required.			N/A

GEL Laboratories, LLC

1/2/2007

Primary Review Performed By: Lynette Yom 4/21/08

Secondary Review Performed By: 4/25/08

DMAX
4/24 - 5/5

Radium-228 Que Sheet

04/16/2008

Batch #: 745869 Analyst:BXF1 First Client Due Date:05/05/2008 Internal Due Date:04/24/2008

Spike Isotope: Radium-228 Spike Code: 0503B Expiration Date: 9-10-08 Vol: 0.1 Ac-228 Ingrow: ~~4-15-08~~ 4-17-08 1600 BF 4-17-08

LCS Isotope: Radium-228 LCS Code: 0503B Expiration Date: 9-10-08 Vol: 0.1

Tracer Isotope: Barium-133 Tracer Code: 0112I Expiration Date: 11-28-08 Vol: 0.1 Ac-228 Separation Date/Time: 4-21-08 / 1425

Prep Date: 4-16-08 Initials: BF Pipet ID: 27600953 Balance ID: 17955160 Witness: DR 4/16/08

Sample ID	Client Description	Type	Hazard Code	Min CRDL	Matrix	Client	Collect Date & Time	Bkr #	Vol (mL)	Det #	Ba Yield (%)	Gamma Det. #
206533001-1	MC-49	SAMPLE		1 pCi/L	GROUND WATI	DMAX005	09-APR-08 10:40 AM	1	900	1A	76.36	
206533002-1	MC-46	SAMPLE		1 pCi/L	GROUND WATI	DMAX005	09-APR-08 11:40 AM	2	900	1B	63.31	
206533003-1	MC-50	SAMPLE		1 pCi/L	GROUND WATI	DMAX005	09-APR-08 12:30 PM	3	900	1D	83.52	
206533004-1	MC-51	SAMPLE		1 pCi/L	GROUND WATI	DMAX005	09-APR-08 01:32 PM	4	900	2A	60.39	
206533005-1	MC-53	SAMPLE		1 pCi/L	GROUND WATI	DMAX005	09-APR-08 02:30 PM	5	900	2C	56.10	
206533007-1	MC-47	SAMPLE		1 pCi/L	GROUND WATI	DMAX005	09-APR-08 08:05 AM	6	900	2D	67.39	
206533008-1	MC-47 (FD)	SAMPLE		1 pCi/L	GROUND WATI	DMAX005	09-APR-08 08:05 AM	7	900	3A	64.32	
206533009-1	MC-48	SAMPLE		1 pCi/L	GROUND WATI	DMAX005	09-APR-08 09:45 AM	8	900	3B	65.13	
1201558129-1	MB for batch 745869	MB		1 pCi/L	GROUND WATI	QC ACCOUNT		9	900	3C	68.20	
1201558130-1	MC-49(206533001DUP)	DUP		1 pCi/L	GROUND WATI	QC ACCOUNT	09-APR-08 10:40 AM	10	900	3D	73.26	
1201558131-1	MC-49(206533001MS)	MS		1 pCi/L	GROUND WATI	QC ACCOUNT	09-APR-08 10:40 AM	11	300	4A	67.81	
1201558132-1	LCS for batch 745869	LCS		1 pCi/L	GROUND WATI	QC ACCOUNT		12	900	4B	73.20	

4/16/08

daliyes ✓

Comments:

Data Reviewed By: Lizette Yom 4/21/08

Instrument Used: (Circle One) LB4100 S/N: 8219 PIC S/N: 10751-4

Radium-228 Liquid

Filename : RA228.XLS
File type : Excel
Version # : 1.2.1

Batch : 745869
Analyst : BXF1
Prep Date : 4/16/2008

Ra-228 Abundance : 1
Ra-228 Method Uncertainty : 0.1268

Calibration Date : 5/17/2007
Calibration Due Date : 5/17/2008

Spike S/N : 0503-B
Spike Exp Date : 9/10/2008
Spike Activity (dpm/ml): 211.00
Spike Volume Added: 0.10

LCS S/N : 0503-B
LCS Exp Date : 9/10/2008
LCS Activity (dpm/ml): 211.00
LCS Volume Added: 0.10

Tracer S/N : 0112-I
Tracer Exp Date : 11/28/2008
Tracer Volume Added: 0.10

Pipet, 0.1 ml Stdev : +/- 0.000701 ml
Pipet, 0.5 ml Stdev : +/- 0.002564 ml
Pipet, 1 ml Stdev : +/- 0.005480 ml

Procedure Code : GFC28RAL
Parmname : Radium-228
Required MDA : 1 pCi/L
Halflife of Ra-228 : 5.75 years
Halflife of Ac-228 : 6.13 hours
Batch counted on : PIC
BKG Count time : 500 min

Sample Characteristics				Tracer Calculations					
Sample ID	Sample Aliquot L	Sample Aliquot StDev. L	Sample Date/Time	Tracer Concentration (cpm) (Ba-133 Ref.)	Tracer Ref. Count Uncertainty (cpm)	Tracer Concentration (cpm) (Ba-133 Samp.)	Tracer Samp. Count Uncertainty (cpm)	Tracer Aliquot (mL)	Tracer Aliquot StDev. (mL)
206533001.1	0.9000	2.0768E-05	4/9/2008 10:40	335.5	3.33%	256.2	3.88%	0.1	0.000701
206533002.1	0.9000	2.0768E-05	4/9/2008 11:40	335.5	3.33%	212.4	4.31%	0.1	0.000701
206533003.1	0.9000	2.0768E-05	4/9/2008 12:30	335.5	3.33%	280.2	3.68%	0.1	0.000701
206533004.1	0.9000	2.0768E-05	4/9/2008 13:32	335.5	3.33%	202.6	4.44%	0.1	0.000701
206533005.1	0.9000	2.0768E-05	4/9/2008 14:30	335.5	3.33%	188.2	4.63%	0.1	0.000701
206533007.1	0.9000	2.0768E-05	4/9/2008 8:05	335.5	3.33%	226.1	4.16%	0.1	0.000701
206533008.1	0.9000	2.0768E-05	4/9/2008 8:05	335.5	3.33%	215.8	4.27%	0.1	0.000701
206533009.1	0.9000	2.0768E-05	4/9/2008 9:45	335.5	3.33%	218.5	4.24%	0.1	0.000701
1201558129.1	0.9000	2.0768E-05	4/16/2008 0:00	335.5	3.33%	228.8	4.13%	0.1	0.000701
1201558130.1	0.9000	2.0768E-05	4/9/2008 10:40	335.5	3.33%	245.8	3.97%	0.1	0.000701
1201558131.1	0.3000	1.8459E-05	4/9/2008 10:40	335.5	3.33%	227.5	4.15%	0.1	0.000701
1201558132.1	0.9000	2.0768E-05	4/16/2008 0:00	335.5	3.33%	245.6	3.97%	0.1	0.000701

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4/21/08

Count raw Data

Detector ID	Counting Time (min.)	Gross Counts Alpha	Gross Counts Beta	Beta cpm	Detector Efficiency (cpm/dpm)	Detector Efficiency Error (cpm/dpm)	Weekly Bkg cpm	Count Time (min.)	Separation Date/Time	Count Start Date/Time	Ra-228 Decay	Ac-228 Decay	Ac-228 Count Correction	Calculated Sample Recovery %	Sample Recovery Error %
1A	60	8	45	0.750	0.6174	0.00600	0.324	500	4/21/2008 14:25	4/21/2008 16:48	0.996	0.763	1.058	76.36%	2.74%
1B	60	6	51	0.850	0.6108	0.00409	0.322	500	4/21/2008 14:25	4/21/2008 16:48	0.996	0.763	1.058	63.31%	2.90%
1D	60	8	41	0.683	0.5921	0.00511	0.498	500	4/21/2008 14:25	4/21/2008 16:48	0.996	0.763	1.058	83.52%	2.67%
2A	60	15	80	1.333	0.6066	0.00349	1.004	500	4/21/2008 14:25	4/21/2008 16:48	0.996	0.763	1.058	60.39%	2.95%
2C	60	9	44	0.733	0.5962	0.00575	0.332	500	4/21/2008 14:25	4/21/2008 16:48	0.996	0.763	1.058	56.10%	3.02%
2D	60	7	67	1.117	0.6071	0.00479	0.468	500	4/21/2008 14:25	4/21/2008 16:48	0.996	0.763	1.058	67.39%	2.84%
3A	60	16	69	1.150	0.5738	0.00943	0.752	500	4/21/2008 14:25	4/21/2008 16:48	0.996	0.764	1.058	64.32%	2.88%
3B	60	15	59	0.983	0.5906	0.00655	0.606	500	4/21/2008 14:25	4/21/2008 16:48	0.996	0.764	1.058	65.13%	2.87%
3C	60	10	39	0.650	0.6075	0.00535	0.446	500	4/21/2008 14:25	4/21/2008 16:48	0.998	0.764	1.058	68.20%	2.83%
3D	60	10	41	0.683	0.6017	0.00464	0.568	500	4/21/2008 14:25	4/21/2008 16:48	0.996	0.764	1.058	73.26%	2.77%
4A	60	20	427	7.117	0.6118	0.00744	0.716	500	4/21/2008 14:25	4/21/2008 16:48	0.996	0.764	1.058	67.81%	2.84%
4B	60	5	489	8.150	0.6296	0.00196	0.816	500	4/21/2008 14:25	4/21/2008 16:48	0.998	0.764	1.058	73.20%	2.77%

4/21/08

Notes:
1 - Results are decay corrected to Sample Date/Time
2 - Reference date for Spike Activity (dpm/ml) is the batch Prep Date
3 - Spike Nominals are decay corrected to Sample Date/Time

Results

Decision Level pCi/L	Critical Level pCi/L	MDA pCi/L	Sample Act. Conc. pCi/L	Sample Act. Error pCi/L	Net Count Rate CPM	Net Count Rate Error CPM	**2 SIGMA** Counting Uncertainty pCi/L	**2 SIGMA** Total Prop. Uncertainty pCi/L	Sample QC	Sample Type	RPD	RER	Nominal pCi/L	Recovery
0.2676	0.1889	0.4516	**0.6290**	0.2706	0.4260	0.1147	0.3319	0.3685		SAMPLE				
0.3252	0.2296	0.5492	**0.9506**	0.2323	0.5280	0.1217	0.4294	0.4931		SAMPLE				
0.3162	0.2233	0.5169	**0.2609**	0.6011	0.1853	0.1113	0.3071	0.3141		SAMPLE				
0.6062	0.4280	0.9510	**0.6259**	0.4736	0.3293	0.1557	0.5798	0.6014		SAMPLE				
0.3818	0.2695	0.6431	**0.8353**	0.2845	0.4013	0.1135	0.4631	0.5100		SAMPLE				
0.3706	0.2616	0.6084	**1.1038**	0.2175	0.6487	0.1398	0.4663	0.5446		SAMPLE				
0.5206	0.3676	0.8295	**0.7506**	0.3625	0.3980	0.1438	0.5315	0.5650		SAMPLE				
0.4485	0.3166	0.7237	**0.6829**	0.3528	0.3773	0.1327	0.4706	0.5018		SAMPLE				
0.3564	0.2517	0.5871	**0.3420**	0.5316	0.2040	0.1083	0.3558	0.3664		MB				
0.3788	0.2674	0.6138	**0.1821**	0.9708	0.1153	0.1119	0.3463	0.3494	206533001.1	DUP	110.2%	1.7250		
1.3559	0.9573	2.1663	**32.2189**	0.0616	6.4007	0.3465	3.4183	8.9015	206533001.1	MS			31.75	99.5%
0.4334	0.3060	0.6873	**11.0524**	0.0577	7.3340	0.3708	1.0951	3.0178		LCS			10.56	104.7%

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745869

SampleID	Instr	Time (min.)	Alpha Counts	Beta Counts	Count Start Time	Count End Time	Machine
206533001	1A	60	8	45	4/21/2008 16:48	4/21/2008 17:48	Protean
206533002	1B	60	6	51	4/21/2008 16:48	4/21/2008 17:48	Protean
206533003	1D	60	8	41	4/21/2008 16:48	4/21/2008 17:48	Protean
206533004	2A	60	15	80	4/21/2008 16:48	4/21/2008 17:48	Protean
206533005	2C	60	9	44	4/21/2008 16:48	4/21/2008 17:48	Protean
206533007	2D	60	7	67	4/21/2008 16:48	4/21/2008 17:48	Protean
206533008	3A	60	16	69	4/21/2008 16:48	4/21/2008 17:48	Protean
206533009	3B	60	15	59	4/21/2008 16:48	4/21/2008 17:48	Protean
1201558129	3C	60	10	39	4/21/2008 16:48	4/21/2008 17:48	Protean
1201558130	3D	60	10	41	4/21/2008 16:48	4/21/2008 17:48	Protean
1201558131	4A	60	20	427	4/21/2008 16:48	4/21/2008 17:48	Protean
1201558132	4B	60	5	489	4/21/2008 16:48	4/21/2008 17:48	Protean

4/21/08

ASSAY 17-Apr-08 17:03:34

Protocol	id	9	228_REC2
Time	limit	180	
Count	limit	50000	
Isotope	Ba-133		
Protocol	date	9-Apr-07	10:02:22
Run	id.	56	

POS	RACK	BATCH	TIME	COUNTS	CPM	ERROR	% RECOVERY	COUNT TIME
1	87	1	180	1097	335.5	3.33		17:03:36
2	87	2	180	860	256.2	3.88	76.36	17:06:47
3	87	3	180	729	212.4	4.31	63.31	17:09:59
4	87	4	180	932	280.2	3.68	83.52	17:13:10
5	87	5	180	699	202.6	4.44	60.39	17:16:21
6	93	6	180	656	188.2	4.63	56.10	17:19:46
7	93	7	180	770	226.1	4.16	67.39	17:22:57
8	93	8	180	739	215.8	4.27	64.32	17:26:09
9	93	9	180	747	218.5	4.24	65.13	17:29:20
10	93	10	180	777	228.8	4.13	68.20	17:32:31
11	76	11	180	829	245.8	3.97	73.26	17:35:56
12	76	12	180	774	227.5	4.15	67.81	17:39:07
13	76	13	180	828	245.6	3.97	73.20	17:42:19

END OF ASSAY

JL
4/25/08

Radiochemistry Batch Checklist, Rev 6

Batch# 745729 92 Product: Ra 226 Date: 4/25/08

Criteria:	Yes	No	Comments
Sample Solids are less than or equal to100 mg for GAB.			N/A
If activity less 10* MDA, error is 150% or less of sample activity. If greater 10* MDA, error is 40% or less. If below the MDA, error is okay.	✓		
Instrument source check is within limits. Instument bkg check is within limits.	✓		
Method RDL has been met.	✓		
If duplicate activities are less 5* MDA, then rpd is 100% or less. If greater 5* MDA, then rpd 20% or less. If below the MDA, the rpd is 0%. Or meets the client's required RER acceptance criteria.	✓		
Tracer yield is 15-125% . Carrier yield 25-125%. Or meets the client's contract acceptance criteria.	✓		
Method blank is less than the RDL. (If rad samples, < 5% of lowest activity)	✓		
Sample was run within hold time. Special requirements page checked	✓		
Sample was correctly preserved if required.	✓		
Smears Taken for Radioactive batches.	N/A		
Method Spike and LCS are within 75-125% or meets the client's contract acceptance criteria.	✓		
No blank spaces on data forms. All lineouts initialed and dated. No transcription errors are apparent.	✓		
QC data entered into QC database. Batch entered into Case Narrative.	✓		
Batch non-conformances completed If applicable.			N/A
Aliquot Correction completed if required.			N/A

GEL Laboratories, LLC

1/2/2007

Primary Review Performed By: Laurie Lynn 4/25/08

Secondary Review Performed By: Lmch 4/29/08

DMAX

4/24 - ~~5/4~~ 5/5

Radium-226 Que Sheet

04/16/2008 *General Engineering Laboratories, Radiochemistry Division*

Batch #: 745792 **Analyst:** KSD1 **First Client Due Date:** 05/05/2008 **Internal Due Date:** 04/24/2008

Spike Isotope: Radium-226 **Spike Code:** D638F **Expiration Date:** 12/20/08 **Vol:** 0.1 **Nom Conc:** 120.28

LCS Isotope: Radium-226 **LCS Code:** D638F **Expiration Date:** 12/20/08 **Vol:** 0.1 **Nom Conc:** 24.06

Sample Count Time: 30 (Min)

Prep Date: 4/22/08 **Pipet ID:** 7166453 **Initials:** KD **Witness:** DDM 4-22-08 **Bkg Count Time:** 30 (Min)

Sample I	Client Description	Type	Hazard Code	Matrix	Min CRDL	Client		Vol (mL)	End Init Degas Date/Tin	End LN De-em Date/Time	Start Count Date/Time	Cell #	Det #	Bkg counts	Total Counts
206533001-1	MC-49	SAMPLE		GROUND WA	1 pCi/L	DMAX005	1	500	4/22/08 1600	4/25/08 1005	4/25/08 1550	101	1	8	37
206533002-1	MC-46	SAMPLE		GROUND WA	1 pCi/L	DMAX005	2	500	4/22/08 1600	4/25/08 1005	4/25/08 1550	202	2	8	34
206533003-1	MC-50	SAMPLE		GROUND WA	1 pCi/L	DMAX005	3	500	4/22/08 1600	4/25/08 1005	4/25/08 18:09	307	3	5	35
206533004-1	MC-51	SAMPLE		GROUND WA	1 pCi/L	DMAX005	4	500	4/22/08 1600	4/25/08 1005	4/25/08 1550	411	4	6	25
206533005-1	MC-53	SAMPLE		GROUND WA	1 pCi/L	DMAX005	5	500	4/22/08 1600	4/25/08 1005	4/25/08 1550	504	5	3	20
206533007-1	MC-47	SAMPLE		GROUND WA	1 pCi/L	DMAX005	6	500	4/22/08 1600	4/25/08 1035	4/25/08 1655	106	1	8	27
206533008-1	MC-47 (FD)	SAMPLE		GROUND WA	1 pCi/L	DMAX005	7	500	4/22/08 1600	4/25/08 1035	4/25/08 1655	210	2	2	18
206533009-1	MC-48	SAMPLE		GROUND WA	1 pCi/L	DMAX005	8	500	4/22/08 1600	4/25/08 1035	4/25/08 18:40	301	3	6	38
1201557930-1	MB for batch 745792	MB		GROUND WA	1 pCi/L	QC ACCOUNT	9	500	4/22/08 1600	4/25/08 1035	4/25/08 1655	410	4	8	11.25
1201557931-1	MC-47(206533007DUP)	DUP		GROUND WA	1 pCi/L	QC ACCOUNT	10	500	4/22/08 1600	4/25/08 1035	4/25/08 1655	502	5	2	28
1201557932-1	MC-47(206533007MS)	MS		GROUND WA	1 pCi/L	QC ACCOUNT	11	100	4/22/08 1600	4/25/08 1100	4/25/08 17:37	104	1	8	692
1201557933-1	LCS for batch 745792	LCS		GROUND WA	1 pCi/L	QC ACCOUNT	12	500	4/22/08 1600	4/25/08 1100	4/25/08 17:37	211	2	4	522

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Comments:

Instrument ID's:
LUCAS1:90988, LUCAS2:136917, LUCAS3:90989, LUCAS4:102753, LUC5:132286, LUC6:170055

Data Reviewed By: Angela Yon 4/25/08

Radium-226 Liquid

Filename : RA226.XLS
File type : Excel
Version # : 1.2.2

Batch : 745792
Analyst : KSD1
Prep Date : 4/22/2008
Ra-226 Abundance : 1
Ra-226 Method Uncertainty : 0.0918

Spike S/N : 0638-F
Spike Exp Date : 12/20/2008
Spike Activity (dpm/ml): 267.03
Spike Volume Added: 0.10

LCS S/N : 0638-F
LCS Exp Date : 12/20/2008
LCS Activity (dpm/ml): 267.03
LCS Volume Added: 0.10

Pipet, 0.1 ml Stdev : +/- 0.000701 ml
Pipet, 0.5 ml Stdev : +/- 0.002564 ml
Pipet, 1 ml Stdev : +/- 0.005480 ml

Procedure Code : LUC26RAL
Parmname : Radium-226
Required MDA : 1 pCi/L
Halflife of Ra-226 : 1600 years
Halflife of Rn-222: 3.823 days
Batch counted on : LUCAS CELL DETECTOR
BKG Count time : 30 min

Sample Characteristics				Count Raw Data				Weekly Background			
Sample ID	Sample Aliquot L	Sample Aliquot StDev. L	Sample Date/Time	Cell Number	Counting Time (min.)	Gross Counts	Gross CPM	Counts	CPM	Count Time (min.)	Detector Efficiency (cpm/dpm)
206533001.1	0.5000	2.0256E-05	4/9/2008 10:40	101	30	37	1.233	8	0.267	30	1.7570
206533002.1	0.5000	2.0256E-05	4/9/2008 11:40	202	30	34	1.133	8	0.267	30	1.8520
206533003.1	0.5000	2.0256E-05	4/9/2008 12:30	307	30	35	1.167	5	0.167	30	1.9080
206533004.1	0.5000	2.0256E-05	4/9/2008 13:32	411	30	25	0.833	6	0.200	30	2.0590
206533005.1	0.5000	2.0256E-05	4/9/2008 14:30	504	30	20	0.667	3	0.100	30	1.7550
206533007.1	0.5000	2.0256E-05	4/9/2008 8:05	106	30	27	0.900	8	0.267	30	1.5710
206533008.1	0.5000	2.0256E-05	4/9/2008 8:05	210	30	18	0.600	2	0.067	30	2.0330
206533009.1	0.5000	2.0256E-05	4/9/2008 9:45	301	30	38	1.267	6	0.200	30	1.8610
1201557930.1	0.5000	2.0256E-05	4/22/2008 0:00	410	30	11	0.367	8	0.267	30	1.5450
1201557931.1	0.5000	2.0256E-05	4/9/2008 8:05	502	30	28	0.933	2	0.067	30	2.1070
1201557932.1	0.1000	1.1370E-05	4/9/2008 8:05	104	30	692	23.067	8	0.267	30	2.0680
1201557933.1	0.5000	2.0256E-05	4/22/2008 0:00	211	30	522	17.400	4	0.133	30	1.7340

4/28/08

Detector Efficiency Error (cpm/dpm)	Cell Calibration Date	Cell Calibration Due Date	De-Gas Date/Time	Rn-222 Ingrow End Date/Time	Count Start Date/Time	Rn-222 Corrections De-Gas to Ingrowth	Ingrowth to Count	During Count	Ra-226 Decay
0.02415	6/29/2007	6/28/2008	4/22/2008 16:00	4/25/2008 10:05	4/25/2008 15:50	0.393	0.957	1.002	1.000
0.02691	12/19/2007	12/18/2008	4/22/2008 16:00	4/25/2008 10:05	4/25/2008 15:50	0.393	0.957	1.002	1.000
0.00980	1/23/2008	1/22/2009	4/22/2008 16:00	4/25/2008 10:05	4/25/2008 18:09	0.393	0.941	1.002	1.000
0.01759	2/1/2008	1/31/2009	4/22/2008 16:00	4/25/2008 10:05	4/25/2008 15:50	0.393	0.957	1.002	1.000
0.02843	2/20/2008	2/19/2009	4/22/2008 16:00	4/25/2008 10:05	4/25/2008 15:50	0.393	0.957	1.002	1.000
0.02415	6/29/2007	6/28/2008	4/22/2008 16:00	4/25/2008 10:35	4/25/2008 16:55	0.395	0.953	1.002	1.000
0.02691	12/19/2007	12/18/2008	4/22/2008 16:00	4/25/2008 10:35	4/25/2008 16:55	0.395	0.953	1.002	1.000
0.00980	1/23/2008	1/22/2009	4/22/2008 16:00	4/25/2008 10:35	4/25/2008 18:40	0.395	0.941	1.002	1.000
0.01759	2/1/2008	1/31/2009	4/22/2008 16:00	4/25/2008 10:35	4/25/2008 16:55	0.395	0.953	1.002	1.000
0.02843	2/20/2008	2/19/2009	4/22/2008 16:00	4/25/2008 10:35	4/25/2008 16:55	0.395	0.953	1.002	1.000
0.02415	6/29/2007	6/28/2008	4/22/2008 16:00	4/25/2008 11:00	4/25/2008 17:37	0.397	0.951	1.002	1.000
0.02691	12/19/2007	12/18/2008	4/22/2008 16:00	4/25/2008 11:00	4/25/2008 17:37	0.397	0.951	1.002	1.000

4/28/08

Notes:
1 - Results are decay corrected to Sample Date/Time
2 - Reference date for Spike Activity (dpm/ml) is the batch Prep Date
3 - Spike Nominals are decay corrected to Sample Date/Time

Results Decision Level pCi/L	Critical Level pCi/L	MDA pCi/L	Sample Act. Conc. pCi/L	Sample Act. Error pCi/L	Net Count Rate CPM	Net Count Rate Error CPM	**2 SIGMA** Counting Uncertainty pCi/L	**2 SIGMA** Total Prop. Uncertainty pCi/L	Sample QC	Sample Type	RPD	RER	Nominal pCi/L	Recovery
0.4225	0.2983	0.7326	**1.3147**	0.2326	0.9667	0.2236	0.5961	0.6443		SAMPLE				
0.4009	0.2830	0.6950	**1.1183**	0.2507	0.8667	0.2160	0.5463	0.5852		SAMPLE				
0.3130	0.2210	0.5695	**1.2745**	0.2110	1.0000	0.2108	0.5266	0.5749		SAMPLE				
0.3122	0.2205	0.5570	**0.7350**	0.2936	0.6333	0.1856	0.4222	0.4431		SAMPLE				
0.2590	0.1829	0.5019	**0.7716**	0.2835	0.5667	0.1599	0.4266	0.4507		SAMPLE				
0.4719	0.3332	0.8182	**0.9620**	0.3123	0.6333	0.1972	0.5871	0.6138		SAMPLE				
0.1823	0.1287	0.3748	**0.6260**	0.2808	0.5333	0.1491	0.3430	0.3625		SAMPLE				
0.3496	0.2468	0.6235	**1.3860**	0.2075	1.0667	0.2211	0.5631	0.6164		SAMPLE				
0.4798	0.3388	0.8320	**0.1545**	1.4531	0.1000	0.1453	0.4398	0.4408		MB				
0.1759	0.1242	0.3617	**0.9816**	0.2126	0.8667	0.1826	0.4053	0.4455	206533007.1	DUP	2.0%			
1.7877	1.2621	3.0996	**131.1978**	0.0456	22.8000	0.8819	9.9466	26.3582	206533007.1	MS			120.28	108.3%
0.3015	0.2129	0.5630	**23.6987**	0.0518	17.2667	0.7645	2.0566	4.8964		LCS			24.06	98.5%

4/28/08

CONTINUING CALIBRATION DATA

Gas Flow Proportional Counter Checks for 21-APR-2008

Short Name	Parmname	Run Time	Count Time	Counts	CPM	Stdev	CrossTalk	Status	Comments
LB4100A1	ALPHA BKG	00:48	500					Good	
	BETA BKG	00:48	500					Good	
	ALPHA EFF	07:59	5	57132	11400	3.21	0.152 (-2.1)	Lockout	
	BETA EFF	08:20	5	98592	19700	1	0.000101 (0.8)	Good	
LB4100A2	ALPHA BKG	00:48	500					Good	
	BETA BKG	00:48	500					Good	
	ALPHA EFF	07:59	5	73881	14800	-1.9	0.179 (-0.5)	Good	
	BETA EFF	08:20	5	1.08E+05	21677	-1.5	0.00012 (0.5)	Good	
LB4100A3	ALPHA BKG	00:48	500					Good	
	BETA BKG	00:48	500					Good	
	ALPHA EFF	07:59	5	61237	12200	0.4	0.17 (-0.8)	Good	
	BETA EFF	08:20	5	1.05E+05	21000	-0.62	0.0000858 (0.3)	Good	
LB4100A4	ALPHA BKG	00:48	500					Good	
	BETA BKG	00:48	500					Good	
	ALPHA EFF	07:59	5	0	0		0	Good	
	BETA EFF	08:20	5	2.00	0.4	-0.99	0 (-56629.3)	Good	
LB4100B1	ALPHA BKG	00:48	500					Good	
	BETA BKG	00:48	500					Good	
	ALPHA EFF	07:59	5	58326	11700	0.82	0.155 (-1.4)	Good	
	BETA EFF	08:20	5	2.72E+05	54300	0.45	0.0000331 (0.1)	Good	
LB4100B2	ALPHA BKG	00:48	500					Good	
	BETA BKG	00:48	500					Good	
	ALPHA EFF	07:59	5	55844	11200	2.6	0.116 (-1.9)	Good	
	BETA EFF	08:20	5	1.14E+05	22885	-0.71	0.0000699 (-1.9)	Good	
LB4100B3	ALPHA BKG	00:48	500					Good	
	BETA BKG	00:48	500					Good	
	ALPHA EFF	07:59	5	1.24E+05	24800	-0.73	0.104 (-2.4)	Good	
	BETA EFF	08:20	5	1.26E+05	25200	-1.6	0.0000872 (2)	Good	
LB4100B4	ALPHA BKG	00:48	500					Good	
	BETA BKG	00:48	500					Good	
	ALPHA EFF	07:59	5	97994	19600	4.25	0.141 (-1.9)	Lockout	
	BETA EFF	08:20	5	2.15E+05	42900	0.12	0.0000512 (-0.1)	Good	
LB4100C1	ALPHA BKG	00:48	500					Good	
	BETA BKG	00:48	500					Good	
	BETA EFF	07:59	5	91266	18300	-1.2	0.0000767 (-0.4)	Good	
	ALPHA EFF	08:20	5	58476	11700	-1.2	0.0982 (-0.9)	Good	
LB4100C2	ALPHA BKG	00:48	500					Good	
	BETA BKG	00:48	500					Good	
	BETA EFF	07:59	5	1.07E+05	21400	-0.09	0.0000748 (-0.3)	Good	
	ALPHA EFF	08:20	5	76097	15200	0.44	0.145 (0.2)	Good	
LB4100C3	ALPHA BKG	00:48	500					Good	
	BETA BKG	00:48	500					Good	
	BETA EFF	07:59	5	1.07E+05	21400	1.36	0.0000561 (-0.9)	Good	
	ALPHA EFF	08:20	5	61844	12400	2.93	0.148 (-1)	Good	
LB4100C4	ALPHA BKG	00:48	500					Good	
	BETA BKG	00:48	500					Good	
	BETA EFF	07:59	5	1.20E+05	23900	0.52	0.0000167 (-1.2)	Good	
	ALPHA EFF	08:20	5	57108	11400	-2.5	0.216 (-0.3) Xtalk Lockout	Good	
LB4100E1	ALPHA BKG	00:48	500					Good	
	BETA BKG	00:48	500					Good	
	ALPHA EFF	08:08	5	59366	11900	3.85	0.0971 (-2.2)	Lockout	
	BETA EFF	08:29	5	91603	18300	-2.3	0.0000655 (-0.8)	Good	
LB4100E2	ALPHA BKG	00:48	500					Good	
	BETA BKG	00:48	500					Good	
	ALPHA EFF	08:08	5	76650	15330	2.3	0.193 (-1.2)	Good	

— = α Lockout

═ = 91B Lockout

	BETA EFF	08:29	5	1.09E+05	21900	-1.7	0.00011 (0.1)	Good
LB4100E3	ALPHA BKG	00:48	500					Good
	BETA BKG	00:48	500					Good
	ALPHA EFF	08:08	5	63774	12800	3.01	0.127 (-0.5)	Lockout
	BETA EFF	08:29	5	1.02E+05	20400	-0.64	0.0000589 (-0.7)	Good
LB4100E4	ALPHA BKG	00:49	500					Good
	BETA BKG	00:49	500					Good
	ALPHA EFF	08:08	5	59928	12000	0.96	0.168 (-1.2)	Good
	BETA EFF	08:29	5	1.17E+05	23400	-0.67	0.0000428 (-0.3)	Good
LB4100F1	ALPHA BKG	00:49	500					Good
	BETA BKG	00:49	500					Good
	ALPHA EFF	08:08	5	59846	12000	0.04	0.12 (-2.1)	Good
	BETA EFF	08:29	5	2.76E+05	55300	-1.5	0.0000362 (-0.1)	Good
LB4100F2	ALPHA BKG	00:49	500					Good
	BETA BKG	00:49	500					Good
	ALPHA EFF	08:08	5	57029	11400	0.68	0.186 (0.1) Xtalk Lockout	Good
	BETA EFF	08:29	5	1.20E+05	24000	-0.96	0.000133 (0.1)	Good
LB4100F3	ALPHA BKG	00:49	500					Good
	BETA BKG	00:49	500					Good
	ALPHA EFF	08:08	5	1.25E+05	25000	2.28	0.156 (-1.4)	Good
	BETA EFF	08:29	5	1.37E+05	27343	0.9	0.0000585 (0.3)	Good
LB4100F4	ALPHA BKG	00:49	500					Good
	BETA BKG	00:49	500					Good
	ALPHA EFF	08:08	5	92470	18494	-0.22	0.21 (0.2)	Good
	BETA EFF	08:29	5	2.32E+05	46460	0.94	0.000056 (0.4)	Good
LB4100G1	ALPHA BKG	00:55	500					Good
	BETA BKG	00:55	500					Good
	BETA EFF	08:09	5	92826	18600	0.84	0.000108 (1.4)	Good
	ALPHA EFF	08:29	5	53550	10710	0.87	0.136 (-0.9)	Good
LB4100G2	ALPHA BKG	00:55	500					Good
	BETA BKG	00:55	500					Good
	BETA EFF	08:09	5	1.12E+05	22500	0.8	0.000107 (0.5)	Good
	ALPHA EFF	08:29	5	77694	15500	1.24	0.179 (-1.1)	Good
LB4100G3	ALPHA BKG	00:55	500					Good
	BETA BKG	00:55	500					Good
	BETA EFF	08:09	5	1.13E+05	22538	1.52	0.000106 (1.5)	Good
	ALPHA EFF	08:29	5	62733	12500	2.64	0.199 (-0.9)	Good
LB4100G4	ALPHA BKG	00:55	500					Good
	BETA BKG	00:55	500					Good
	BETA EFF	08:09	5	1.25E+05	25000	1.45	0.000024 (-0.4)	Good
	ALPHA EFF	08:29	5	61117	12200	1.84	0.16 (-1.6)	Good
LB4100H1	ALPHA BKG	00:49	500					Good
	BETA BKG	00:49	500					Good
	BETA EFF	08:09	5	2.36E+05	47107	-1.5	0.0000764 (0.7)	Good
	ALPHA EFF	08:29	5	58032	11600	0.29	0.0848 (-0.6)	Good
LB4100H2	ALPHA BKG	00:49	500					Good
	BETA BKG	00:49	500					Good
	BETA EFF	08:09	5	1.08E+05	21600	-0.2	0.000167 (1.7)	Good
	ALPHA EFF	08:29	5	55251	11100	0.55	0.105 (-1.5)	Good
LB4100H3	ALPHA BKG	00:49	500					Good
	BETA BKG	00:49	500					Good
	BETA EFF	08:09	5	1.24E+05	24800	-0.55	0.0000483 (-0.4)	Good
	ALPHA EFF	08:29	5	1.26E+05	25100	0.71	0.0994 (-1.8)	Good
LB4100H4	ALPHA BKG	00:49	500					Good
	BETA BKG	00:49	500					Good
	BETA EFF	08:09	5	1.98E+05	39500	-1.5	0.0000911 (1.9)	Good
	ALPHA EFF	08:29	5	94326	18900	-0.39	0.133 (-0.3)	Good
PIC10A	ALPHA BKG	00:47	500	54.0	0.11	0.65		Good
	BETA BKG	00:47	500	228	0.46	-0.59		Good

	BETA EFF	07:41	5	2.85E+05	57000	-1.3	0.000137 (-0.1)	Good
	ALPHA EFF	07:48	5	55923	11200	0	0.296 (-0.1)	Good
PIC10B	ALPHA BKG	00:47	500	18.0	0.04	-1.2		Good
	BETA BKG	00:47	500	149	0.3	-1.8		Good
	BETA EFF	07:41	5	1.21E+05	24200	-2.9	0.000463 (0.7)	Good
	ALPHA EFF	07:48	5	52983	10600	-0.73	0.267 (-0.6)	Good
PIC10C	ALPHA BKG	00:47	500	34.0	0.07	-0.84		Good
	BETA BKG	00:47	500	189	0.38	-0.77		Good
	BETA EFF	07:41	5	1.36E+05	27100	-1.6	0.000405 (0.4)	Good
	ALPHA EFF	07:48	5	1.13E+05	22699	0.5	0.28 (-0.1)	Good
PIC10D	ALPHA BKG	00:47	500	24.0	0.05	-0.63		Good
	BETA BKG	00:47	500	238	0.48	-0.78		Good
	BETA EFF	07:41	5	2.28E+05	45622	-1.6	0.000245 (0.2)	Good
	ALPHA EFF	07:48	5	90595	18119	-0.58	0.291 (0.1)	Good
PIC1A	ALPHA BKG	00:44	500	14.0	0.03	-1		Good
	BETA BKG	00:44	500	162	0.32	-1.5		Good
	ALPHA EFF	07:19	5	56195	11239	-2	0.272 (-0.1)	Good
	BETA EFF	07:43	5	1.04E+05	20700	-2.2	0.00138 (2.5)	Good
PIC1B	ALPHA BKG	00:44	500	19.0	0.04	-0.8		Good
	BETA BKG	00:44	500	161	0.32	-1.1		Good
	ALPHA EFF	07:19	5	73337	14700	-0.55	0.277 (-0.2)	Good
	BETA EFF	07:44	5	1.17E+05	23498	-2.1	0.00129 (2.9)	Good
PIC1C	ALPHA BKG	00:44	500	11.0	0.02	-2.2		Good
	BETA BKG	00:44	500	196	0.39	-2.2		Good
	ALPHA EFF	07:19	5	59317	11900	-2.3	0.255 (0)	Good
	BETA EFF	07:44	5	1.10E+05	22100	-3.1	0.00301 (-0.9) Xtalk Lockout	Lockout
	BETA EFF	09:28	5	1.10E+05	22000	-3.8	0.00295 (-1) Xtalk Lockout	Lockout
PIC1D	ALPHA BKG	00:44	500	39.0	0.08	-0.69		Good
	BETA BKG	00:44	500	249	0.5	-0.66		Good
	ALPHA EFF	07:20	5	58222	11600	-1.4	0.254 (1.3)	Good
	BETA EFF	07:44	5	1.26E+05	25100	-1.1	0.0149 (1.9)	Good
PIC2A	ALPHA BKG	00:44	500	89.0	0.18	-0.44		Good
	BETA BKG	00:44	500	502	1	-0.8		Good
	ALPHA EFF	07:20	5	53469	10700	-1.8	0.271 (0.2)	Good
	BETA EFF	07:47	5	2.77E+05	55500	-1.3	0.000696 (-1)	Good
PIC2B	ALPHA BKG	00:44	500	17.0	0.03	-1.3		Good
	BETA BKG	00:44	500	313	0.63	0.4		Good
	ALPHA EFF	07:20	5	52790	10558	-2.5	0.251 (-1.7)	Good
	BETA EFF	07:47	5	1.22E+05	24400	-2	0.0014 (3.6) Xtalk Lockout	Good
	BETA EFF	09:30	5	1.22E+05	24333	-2.3	0.00147 (4.4) Xtalk Lockout	Good
PIC2C	ALPHA BKG	00:44	500	33.0	0.07	-0.61		Good
	BETA BKG	00:44	500	166	0.33	-0.73		Good
	ALPHA EFF	07:20	5	1.12E+05	22353	1.95	0.264 (0.5)	Good
	BETA EFF	07:47	5	1.34E+05	26800	-3.6	0.011 (2.9)	~~Lockout~~
	BETA EFF	09:30	5	1.35E+05	26900	-2.5	0.0103 (2.2)	Good
PIC2D	ALPHA BKG	00:45	500	18.0	0.04	-1.4		Good
	BETA BKG	00:45	500	234	0.47	-1.3		Good
	ALPHA EFF	07:20	5	88724	17700	-3.3	0.263 (0.8)	~~Lockout~~
	BETA EFF	07:47	5	2.28E+05	45500	-1.7	0.0109 (2.4)	Good
	ALPHA EFF	09:30	5	89235	17847	-1.3	0.261 (0)	Good
PIC3A	ALPHA BKG	00:45	500	49.0	0.1	-0.76		Good
	BETA BKG	00:45	500	376	0.75	-0.42		Good
	BETA EFF	07:20	5	98490	19698	-1.7	0.032 (1.9)	Good
	ALPHA EFF	07:26	5	57029	11400	1.08	0.24 (-1.5)	Good
PIC3B	ALPHA BKG	00:45	500	39.0	0.08	-0.63		Good
	BETA BKG	00:45	500	303	0.61	0.27		Good
	BETA EFF	07:20	5	1.15E+05	23100	-0.31	0.0192 (1.7)	Good
	ALPHA EFF	07:26	5	74332	14900	-1.4	0.251 (-0.3)	Good
PIC3C	ALPHA BKG	00:45	500	19.0	0.04	-2.4		Good

Lockout cleared by ren-sc 4/21/08

	BETA BKG	00:45	500	223	0.45	-0.37		Good
	BETA EFF	07:20	5	1.11E+05	22200	-1.4	0.0104 (0.6)	Good
	ALPHA EFF	07:26	5	62085	12417	3.04	0.256 (-2)	Lockout
	ALPHA EFF	09:28	5	1.18E+05	23500	167	0.257 (-1.7)	Lockout
PIC3D	ALPHA BKG	00:45	500	166	0.33	4.12		Lockout
	BETA BKG	00:45	500	284	0.57	-1.3		Good
	BETA EFF	07:20	5	1.19E+05	23900	-0.73	0.0121 (1.2)	Good
	ALPHA EFF	07:27	5	57797	11600	-0.82	0.256 (0.8) ~~Xtalk Lockout~~	Good
PIC4A	ALPHA BKG	00:45	500	67.0	0.13	-0.55	Not a lockout condition. SE 4/21/08	Good
	BETA BKG	00:45	500	358	0.72	-0.56		Good
	BETA EFF	07:24	5	2.80E+05	55900	-0.26	0.00309 (1.7)	Good
	ALPHA EFF	07:30	5	55146	11000	-1.1	0.264 (1.4)	Good
PIC4B	ALPHA BKG	00:45	500	5.00	0.01	-1.2		Good
	BETA BKG	00:45	500	408	0.82	0.24		Good
	BETA EFF	07:20	5	1.20E+05	23972	-0.71	0.0000918 (-1)	Good
	ALPHA EFF	07:30	5	49102	9820	-2.2	0.304 (0.3)	Good
PIC4C	ALPHA BKG	00:45	500	36.0	0.07	-0.42		Good
	BETA BKG	00:45	500	419	0.84	-1.3		Good
	BETA EFF	07:24	5	1.34E+05	26700	-0.63	0.00686 (1)	Good
	ALPHA EFF	07:30	5	1.16E+05	23200	0.96	0.259 (-1.2)	Good
PIC4D	ALPHA BKG	00:45	500	52.0	0.1	-0.86		Good
	BETA BKG	00:45	500	260	0.52	-1.3		Good
	BETA EFF	07:21	5	2.23E+05	44600	-0.04	0.0185 (1.3)	Good
	ALPHA EFF	07:30	5	90304	18100	1.7	0.254 (-1.4)	Good
PIC5A	ALPHA BKG	00:45	500	52.0	0.1	-0.81		Good
	BETA BKG	00:45	500	186	0.37	-1.5		Good
	BETA EFF	07:26	5	1.06E+05	21100	-2.2	0.00697 (1.2)	Good
	ALPHA EFF	07:32	5	57034	11400	-0.32	0.256 (0.5)	Good
PIC5B	ALPHA BKG	00:45	500	35.0	0.07	-0.62		Good
	BETA BKG	00:45	500	350	0.7	-0.83		Good
	BETA EFF	07:26	5	1.20E+05	24100	-1.3	0.00666 (1.5)	Good
	ALPHA EFF	07:32	5	76066	15200	1.81	0.254 (-0.6)	Good
PIC5C	ALPHA BKG	00:45	500	50.0	0.1	-1.2		Good
	BETA BKG	00:45	500	278	0.56	-0.72		Good
	BETA EFF	07:26	5	1.15E+05	23000	-0.3	0.00732 (1.3)	Good
	ALPHA EFF	07:32	5	61172	12200	0.84	0.259 (-1.2)	Good
PIC5D	ALPHA BKG	00:45	500	56.0	0.11	-0.26		Good
	BETA BKG	00:45	500	616	1.23	-0.49		Good
	BETA EFF	07:26	5	1.29E+05	25900	-0.26	0.00824 (1.2)	Good
	ALPHA EFF	07:32	5	58519	11700	0.8	0.257 (0.1)	Good
PIC6A	ALPHA BKG	00:46	500	24.0	0.05	-0.7		Good
	BETA BKG	00:46	500	215	0.43	-0.15		Good
	BETA EFF	07:30	5	2.82E+05	56400	-0.94	0.00604 (0.1)	Good
	ALPHA EFF	07:36	5	54868	11000	-1.3	0.258 (1)	Good
PIC6B	ALPHA BKG	00:46	500	75.0	0.15	-0.97		Good
	BETA BKG	00:46	500	301	0.6	-0.39		Good
	BETA EFF	07:30	5	1.21E+05	24200	-1.5	0.0105 (0.6)	Good
	ALPHA EFF	07:36	5	52392	10500	-0.24	0.252 (-1.3)	Good
PIC6C	ALPHA BKG	00:46	500	117	0.23	-0.52		Good
	BETA BKG	00:46	500	359	0.72	-0.85		Good
	BETA EFF	07:30	5	1.36E+05	27100	-0.64	0.0109 (0.7)	Good
	ALPHA EFF	07:36	5	1.14E+05	22785	-1.5	0.259 (1.5)	Good
PIC6D	ALPHA BKG	00:46	500	20.0	0.04	-0.83		Good
	BETA BKG	00:46	500	188	0.38	-0.52		Good
	BETA EFF	07:30	5	2.30E+05	46100	0.81	0.0106 (1.5)	Good
	ALPHA EFF	07:36	5	92202	18400	1.45	0.254 (-0.2)	Good
PIC7A	ALPHA BKG	00:46	500	30.0	0.06	-0.06		Good
	BETA BKG	00:46	500	200	0.4	-0.61		Good
	BETA EFF	07:31	5	1.06E+05	21300	0.81	0.0103 (2.1)	Good

	ALPHA EFF	07:38	5	57096	11400	0.98	0.254 (0.6)	Good
PIC7B	ALPHA BKG	00:46	500	32.0	0.06	-0.55		Good
	BETA BKG	00:46	500	219	0.44	-0.32		Good
	BETA EFF	07:31	5	1.20E+05	24027	-1.1	0.00885 (0.3)	Good
	ALPHA EFF	07:38	5	75744	15100	-0.57	0.249 (0.4)	Good
PIC7C	ALPHA BKG	00:46	500	15.0	0.03	-1.6		Good
	BETA BKG	00:46	500	132	0.26	-1.7		Good
	BETA EFF	07:31	5	1.14E+05	22700	-1.1	0.0104 (2)	Good
	ALPHA EFF	07:38	5	61425	12285	1.46	0.252 (-2.7)	Good
PIC7D	ALPHA BKG	00:46	500	53.0	0.11	-0.26		Good
	BETA BKG	00:46	500	264	0.53	-0.59		Good
	BETA EFF	07:31	5	1.25E+05	24955	-2.8	0.00804 (0.8)	Good
	ALPHA EFF	07:38	5	58855	11771	-1.2	0.255 (0.9)	Good
PIC8A	ALPHA BKG	00:46	500	46.0	0.09	-0.85		Good
	BETA BKG	00:46	500	269	0.54	-1.4		Good
	BETA EFF	07:36	5	2.89E+05	57793	-1.8	0.00782 (0.8)	Good
	ALPHA EFF	07:42	5	57933	11600	-1.2	0.245 (-0.7)	Good
PIC8B	ALPHA BKG	00:46	500	81.0	0.16	-0.8		Good
	BETA BKG	00:46	500	338	0.68	-5		~~Lockout~~
	BETA EFF	07:35	5	1.24E+05	24700	-1.5	0.0015 (0.6) Xtalk Lockout	Good
	ALPHA EFF	07:42	5	52388	10500	-2.5	0.258 (0.7) Xtalk Lockout	Good
PIC8C	ALPHA BKG	00:46	500	52.0	0.1	-0.41		Good
	BETA BKG	00:46	500	207	0.41	-0.34		Good
	BETA EFF	07:35	5	1.40E+05	28100	-1.6	0.00769 (-0.5) Xtalk Lockout	Good
	ALPHA EFF	07:42	5	1.17E+05	23400	-0.3	0.253 (-0.6)	Good
PIC8D	ALPHA BKG	00:46	500	86.0	0.17	-1.3		Good
	BETA BKG	00:46	500	650	1.3	1.35		Good
	BETA EFF	07:36	5	2.33E+05	46600	-1.9	0.00766 (0.5)	Good
	ALPHA EFF	07:42	5	90585	18117	-3.3	0.26 (1.6)	~~Lockout~~
	ALPHA EFF	07:55	5	91755	18351	-00	0.257 (0)	Good
PIC9A	ALPHA BKG	00:47	500	25.0	0.05	-0.68		Good
	BETA BKG	00:47	500	236	0.47	-0.85		Good
	BETA EFF	07:37	5	1.08E+05	21600	-0.69	0.0000557 (-2.3)	Good
	ALPHA EFF	07:44	5	57838	11600	-1.5	0.267 (-0.6)	Good
PIC9B	ALPHA BKG	00:47	500	17.0	0.03	-1.1		Good
	BETA BKG	00:47	500	257	0.51	-0.48		Good
	BETA EFF	07:37	5	1.18E+05	23600	-1.7	0.000212 (3.4) Xtalk Lockout	Good
	ALPHA EFF	07:44	5	74038	14800	-1.5	0.272 (0.7)	Good
PIC9C	ALPHA BKG	00:47	500	9.00	0.02	-2.2		Good
	BETA BKG	00:47	500	163	0.33	-2.3		Good
	BETA EFF	07:37	5	1.13E+05	22600	-2.6	0.000142 (1.1)	Good
	ALPHA EFF	07:44	5	59707	11900	-8	0.273 (-0.7)	~~Lockout~~
	ALPHA EFF	07:55	5	61965	12393	0	0.275 (0)	Good
PIC9D	ALPHA BKG	00:47	500	18.0	0.04	-2		Good
	BETA BKG	00:47	500	295	0.59	-2		Good
	BETA EFF	07:37	5	1.26E+05	25300	-3.4	0.000293 (1.8)	~~Lockout~~
	ALPHA EFF	07:44	5	59424	11900	-1.7	0.267 (0.8)	Good
	BETA EFF	09:55	5	1.29E+05	25851	-00	0.000178 (0)	Good

Not a Lockout condition. SL 4/21/08

Negative background statistics. Detector window recently replaced. Approved for use while trending. SL 4/21/08

Detector lockout cleared by rerun. SL 4/21/08

Reviewed by _____

Date 4/21/08

GEL Laboratories LLC

Ludlum Alpha Scintillation Counter Checks for 25-APR-2008

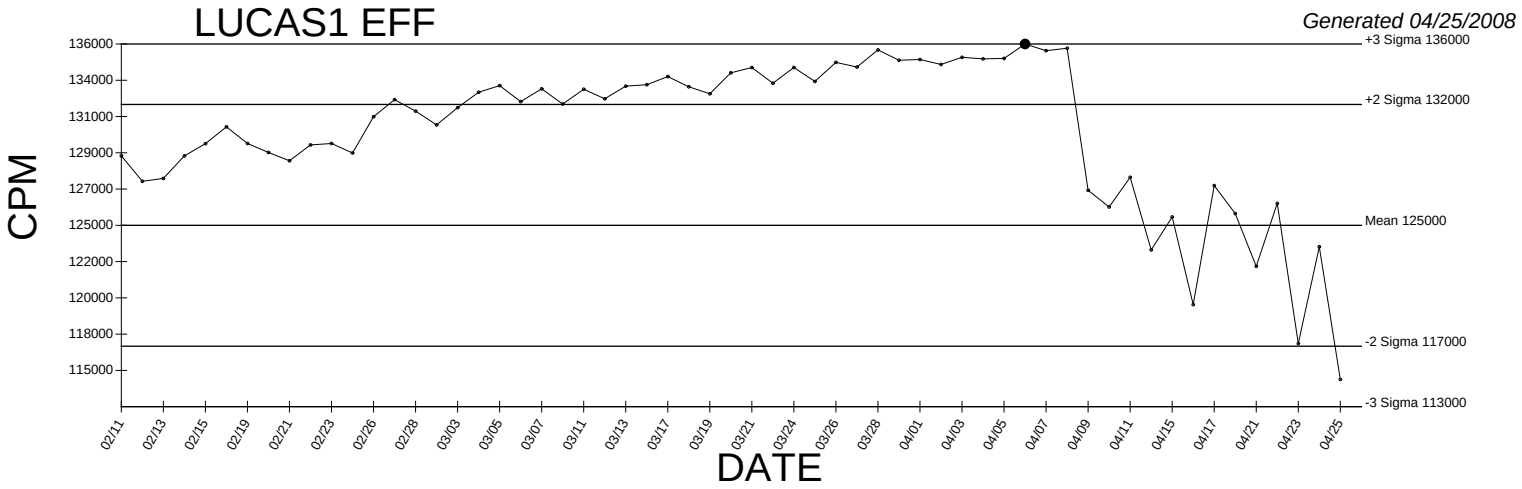
Short Name	Parmname	Run Time	Count Time	Counts	CPM	Stdev	Status	Comments
LUCAS1	EFF	07:45	1	1.15E+05	114808	-2.6	GOOD	
LUCAS2	EFF	07:45	1	1.33E+05	132976	1.34	GOOD	
LUCAS3	EFF	07:45	1	1.28E+05	127806	0.58	GOOD	
LUCAS4	EFF	07:45	1	1.43E+05	142577	0.41	GOOD	
LUCAS5	EFF	07:45	1	1.37E+05	137463	-0.71	GOOD	
LUCAS6	EFF	07:45	1	1.25E+05	125129	0.78	GOOD	

Reviewed by _____

Date 5/1/08

GEL Laboratories LLC

BACKGROUND AND EFFICIENCY DATA



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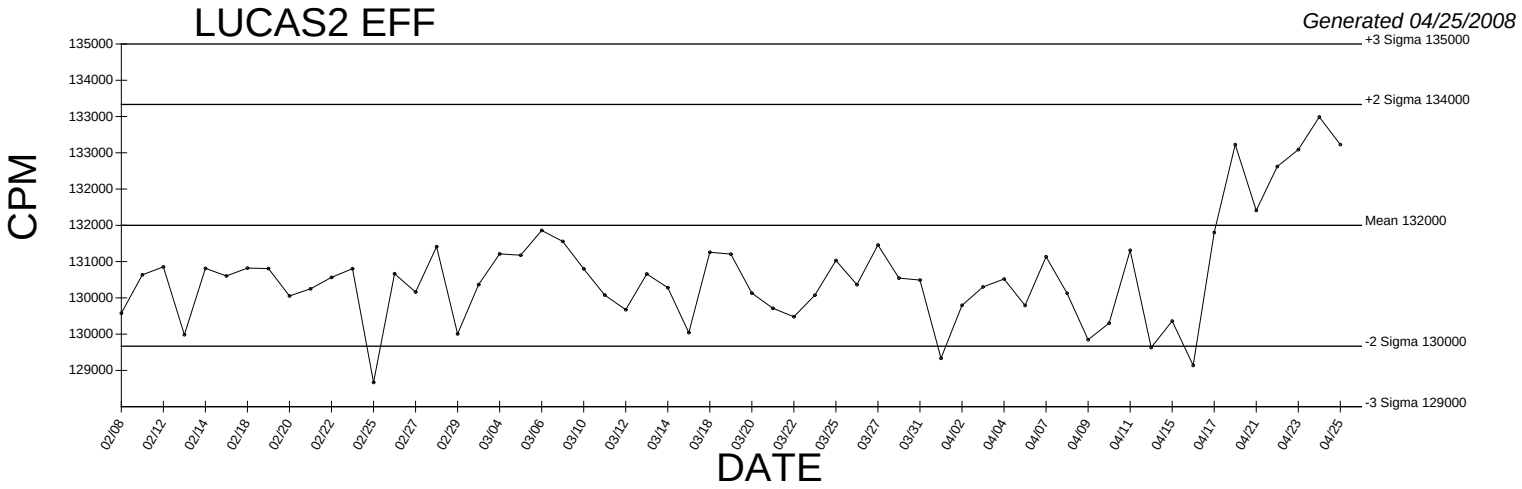

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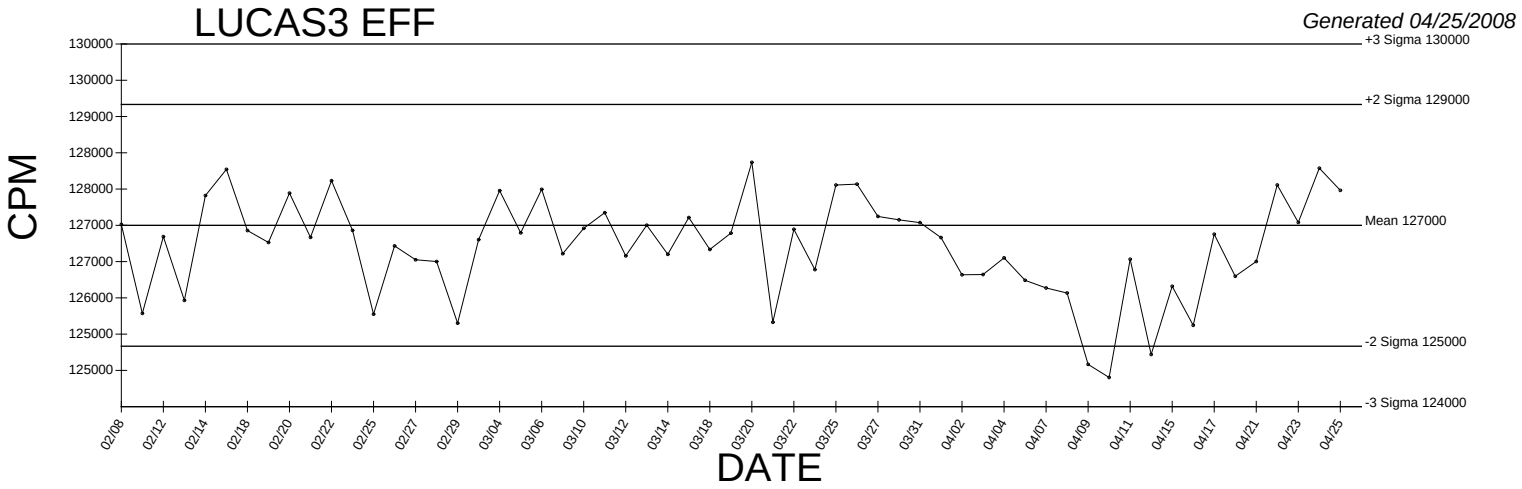

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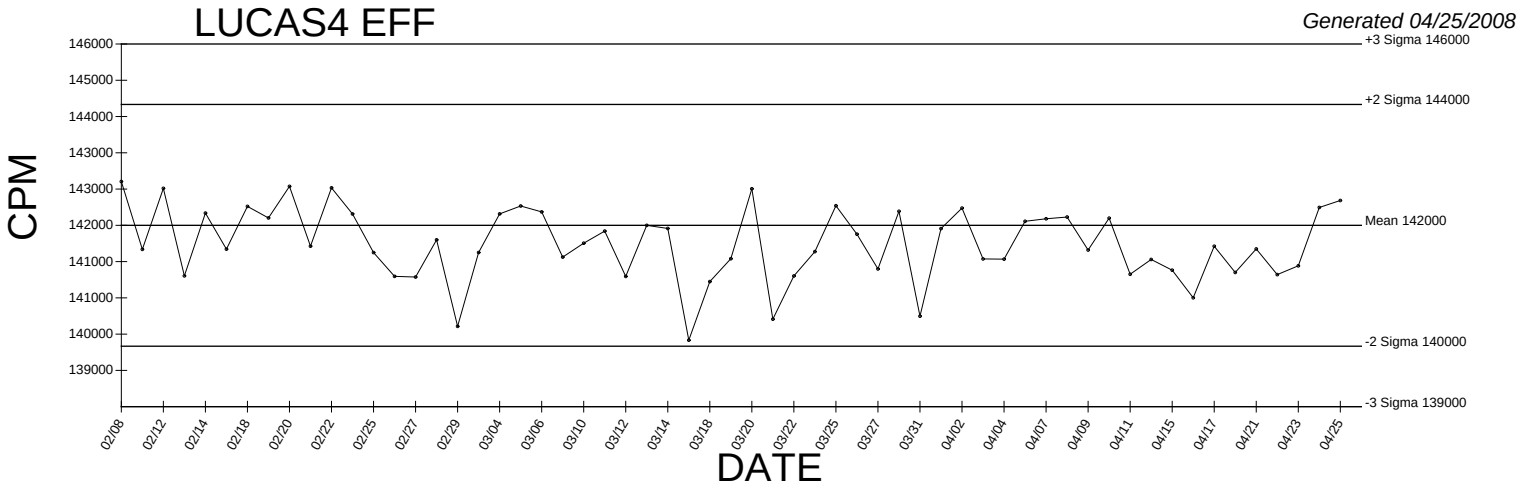

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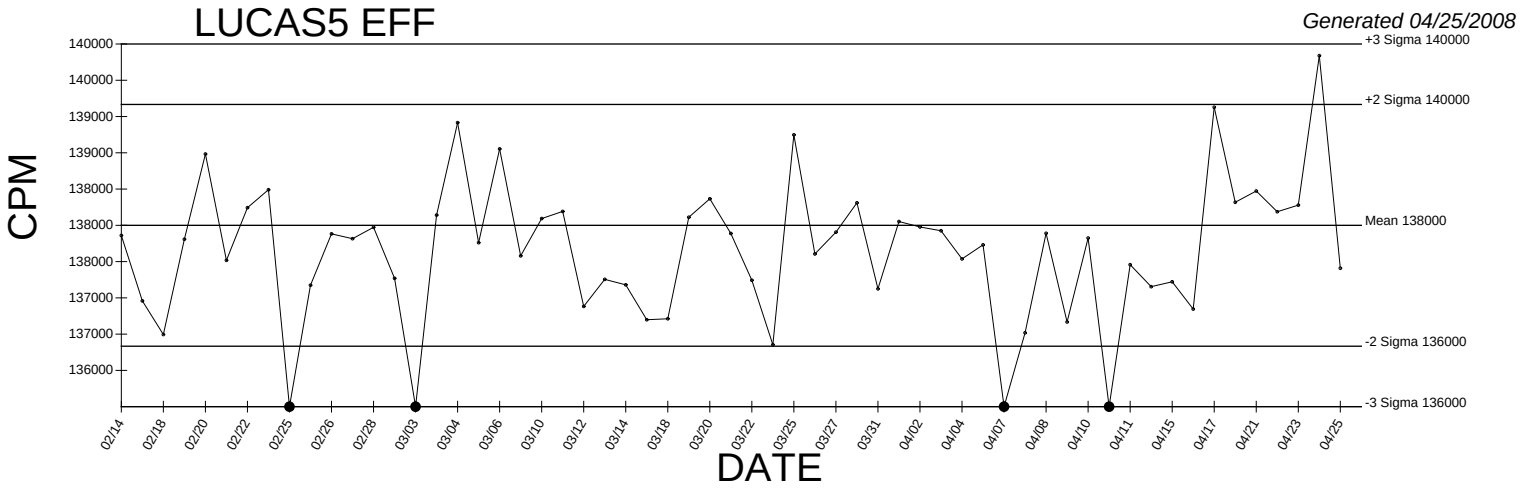

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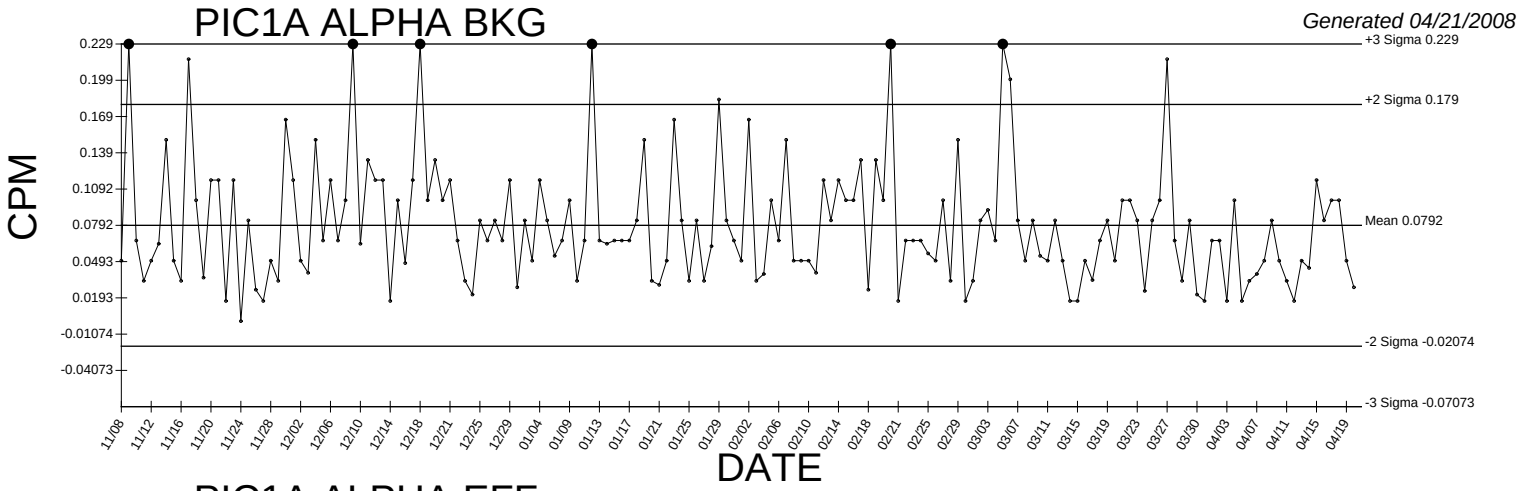

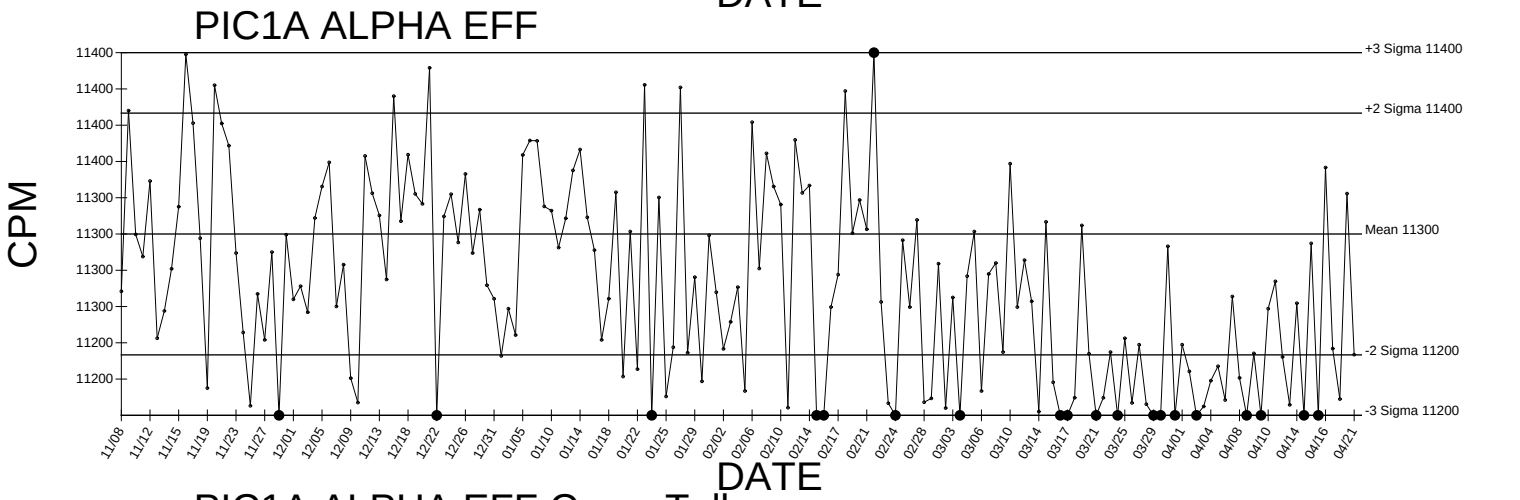

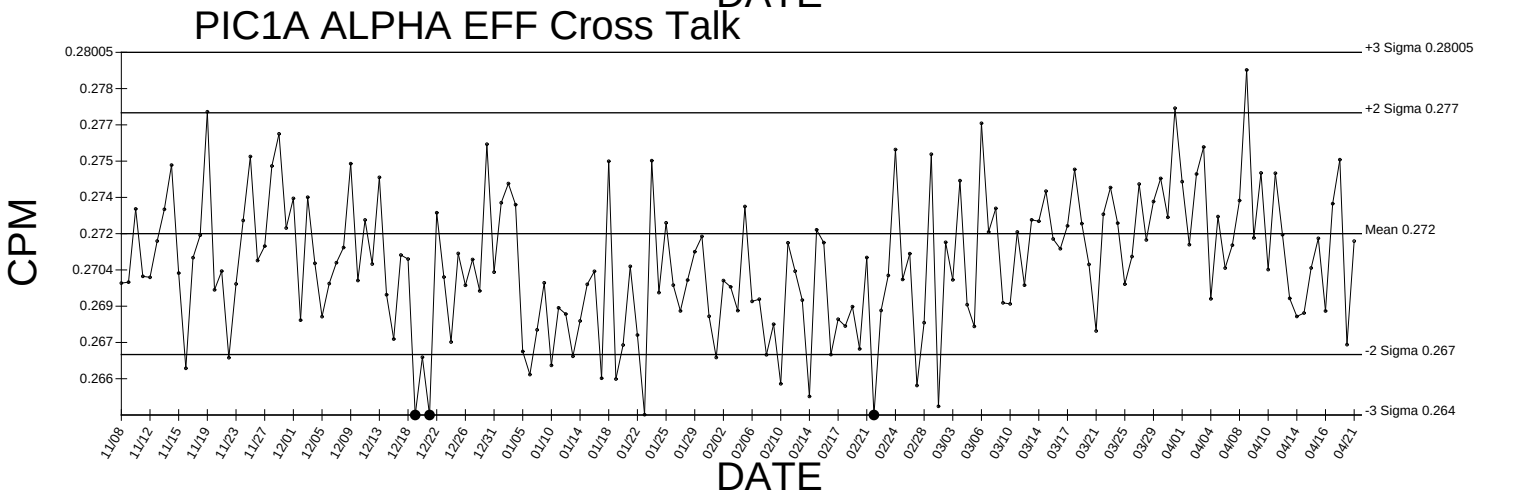

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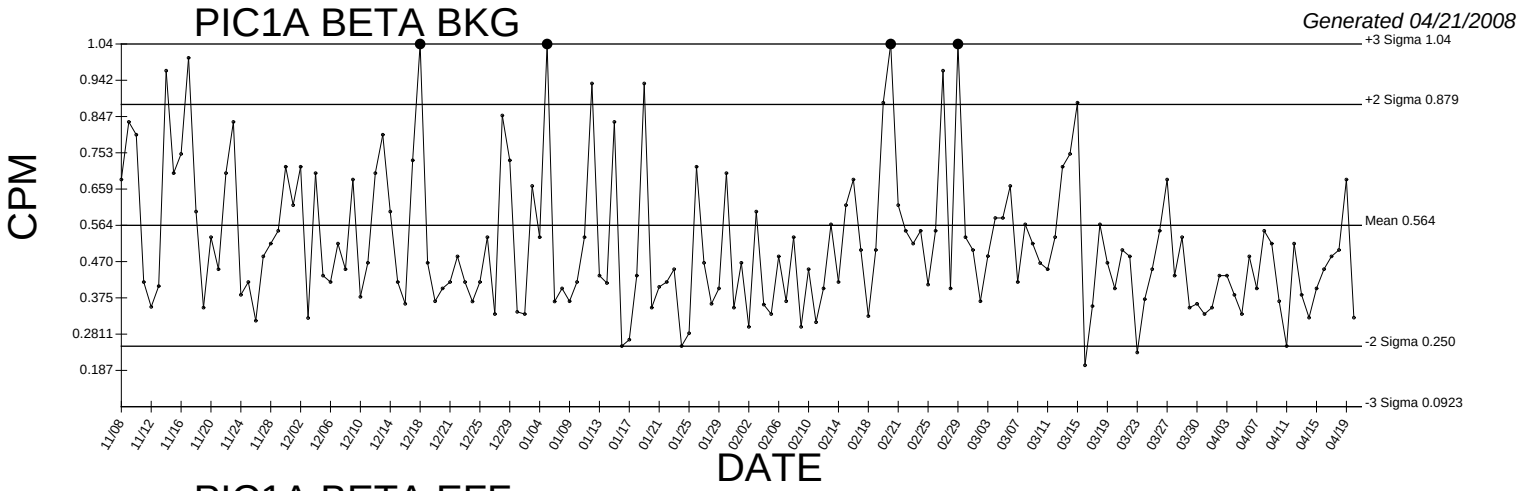

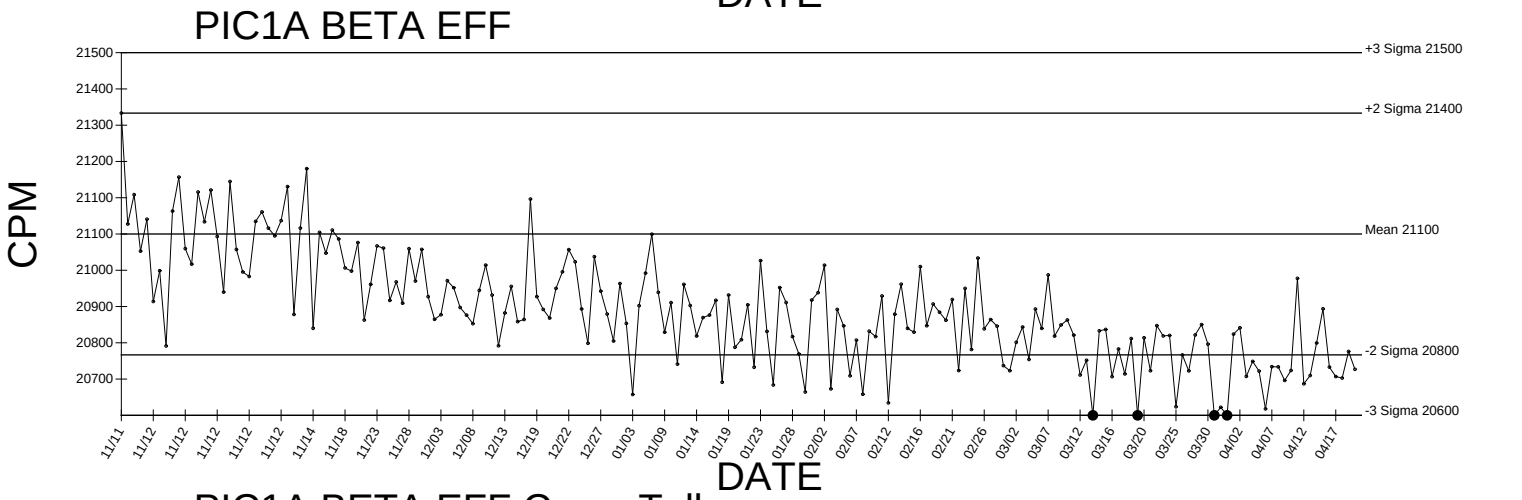

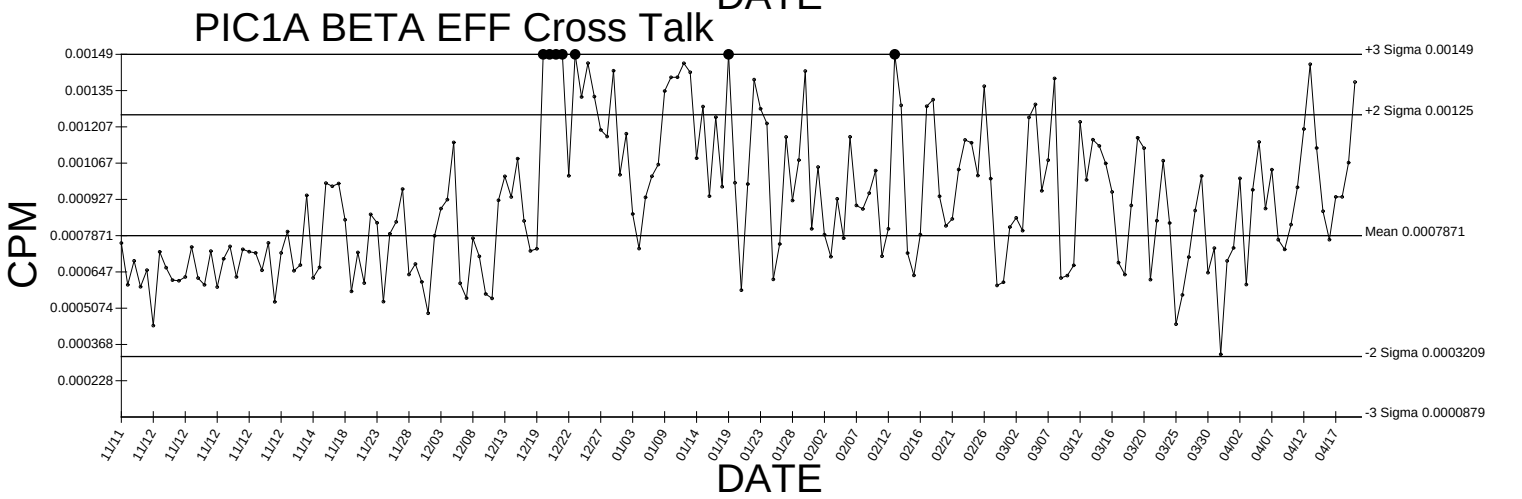

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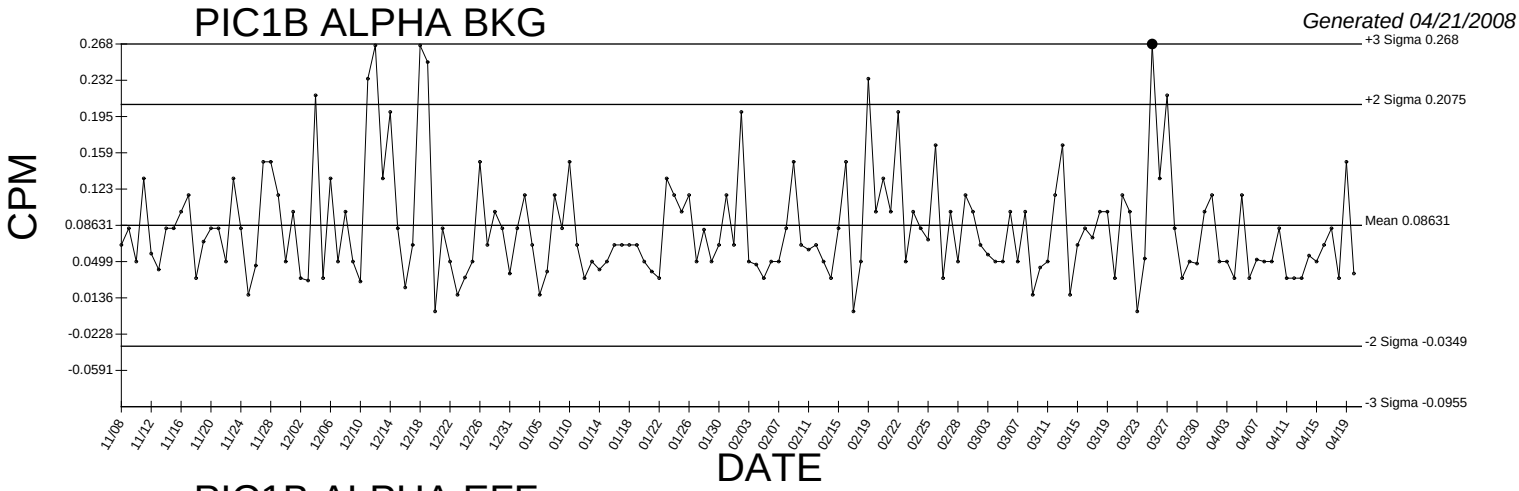

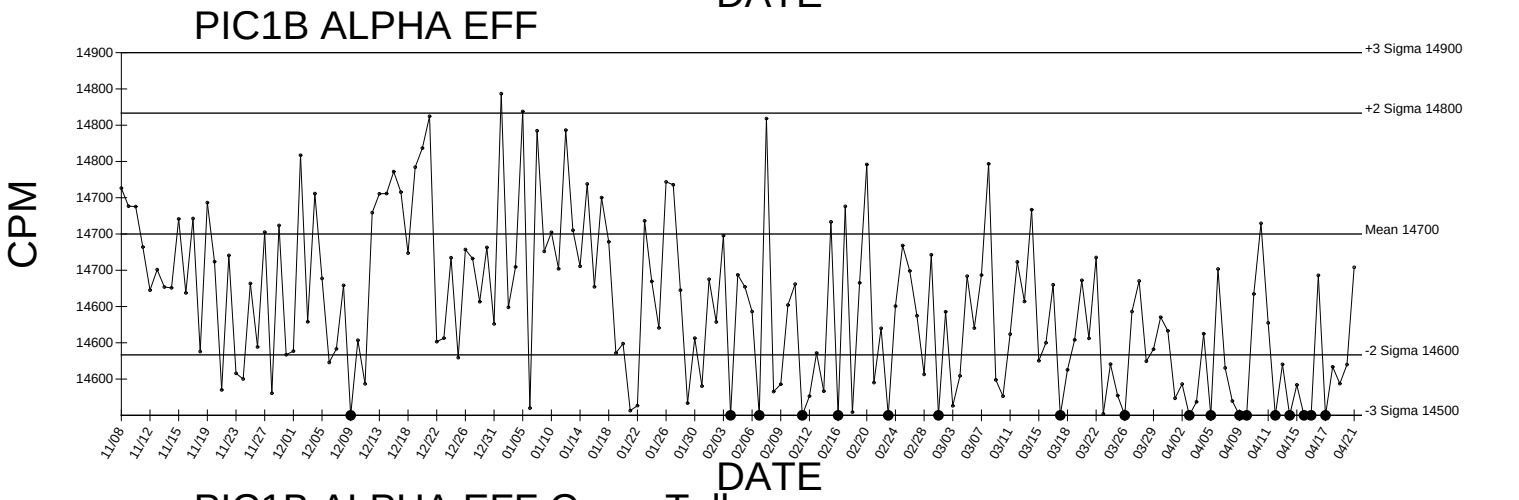

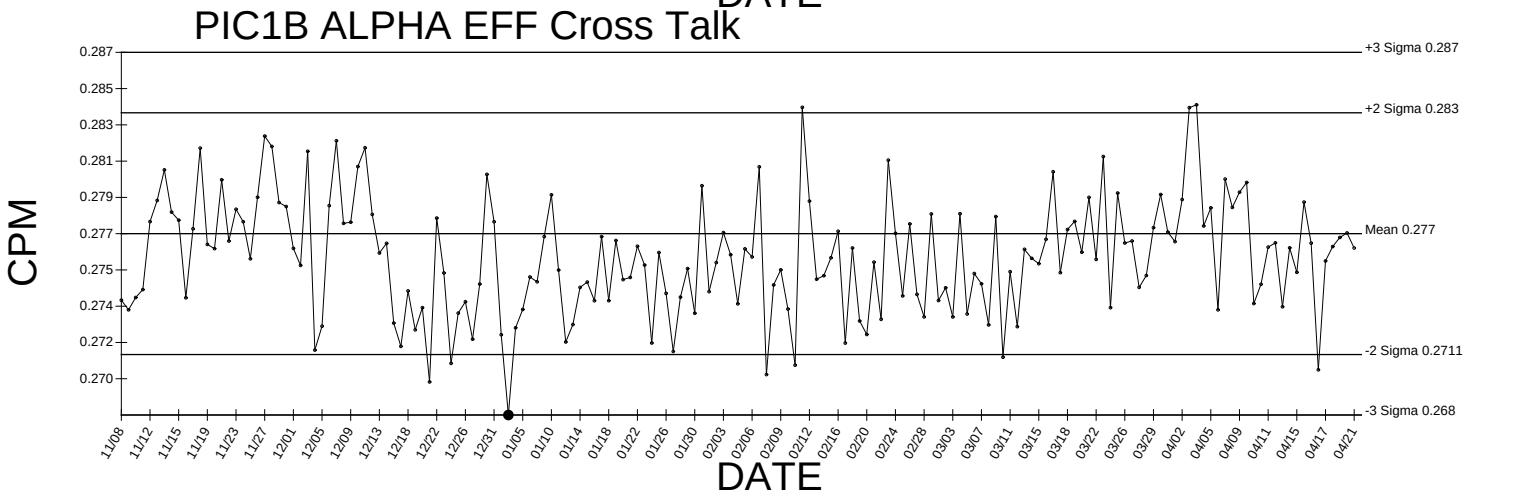

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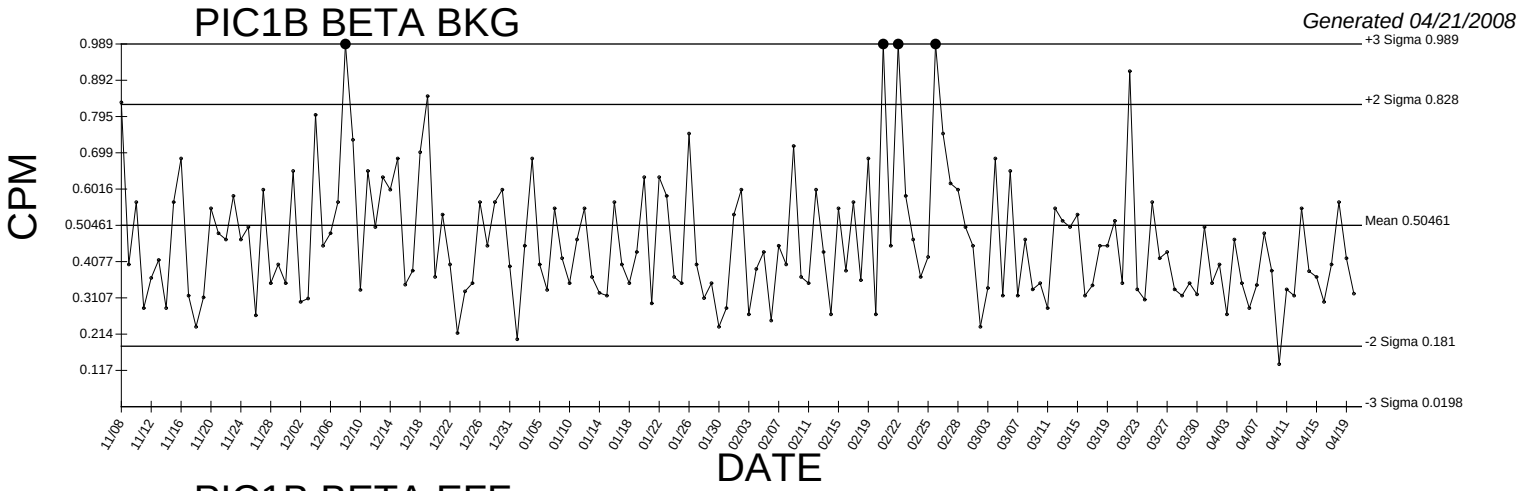

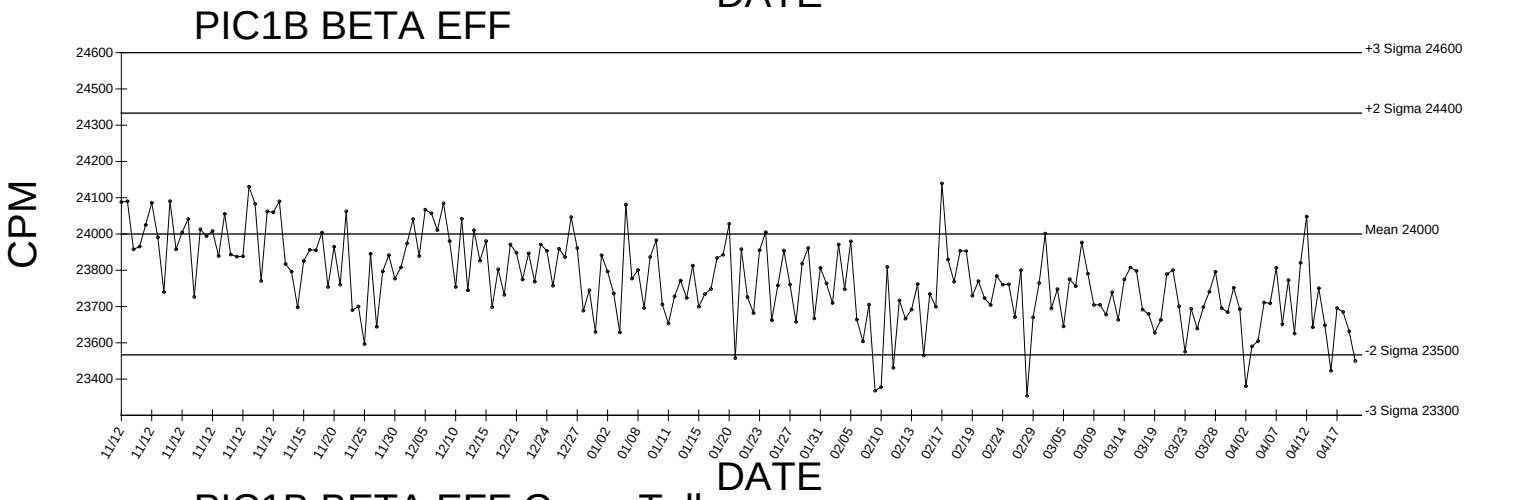

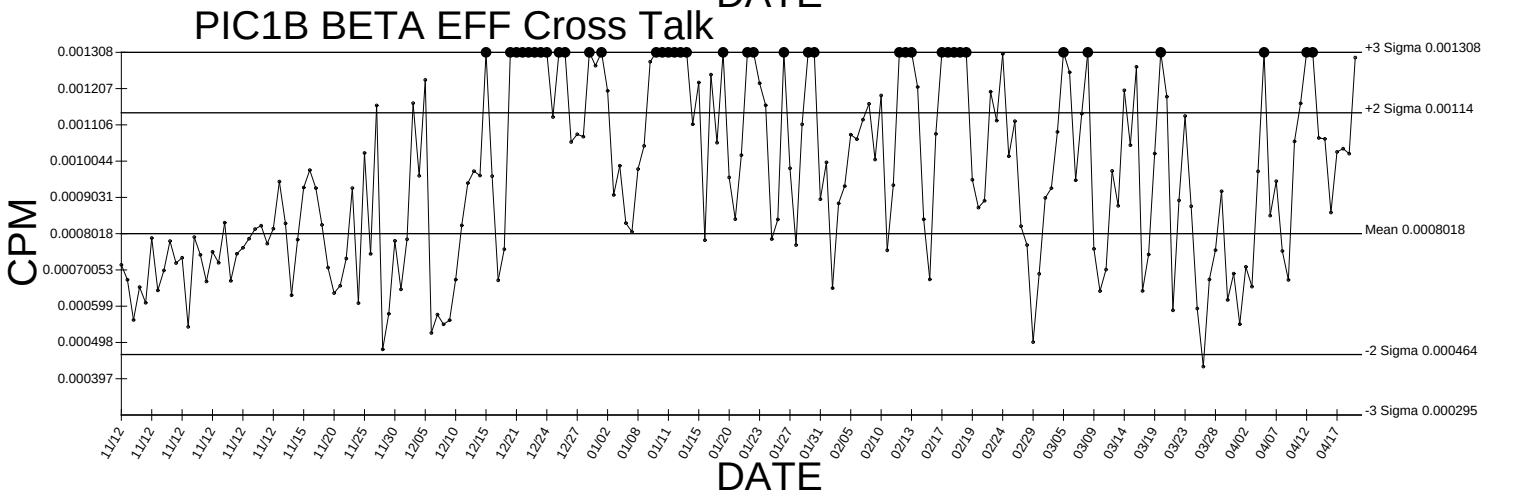

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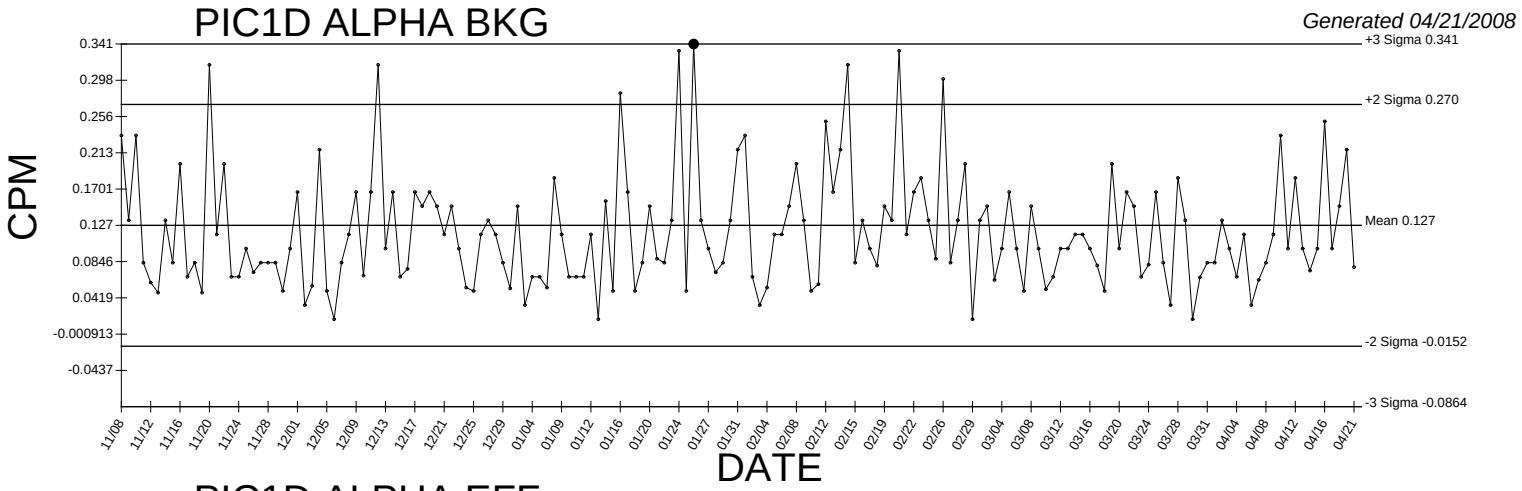

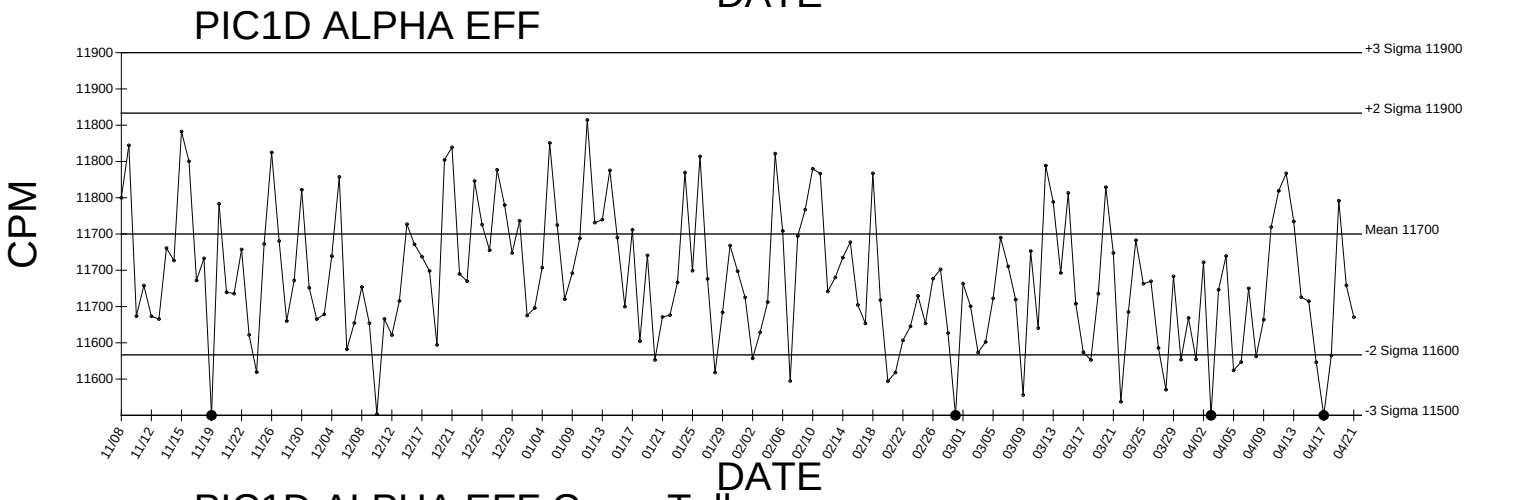

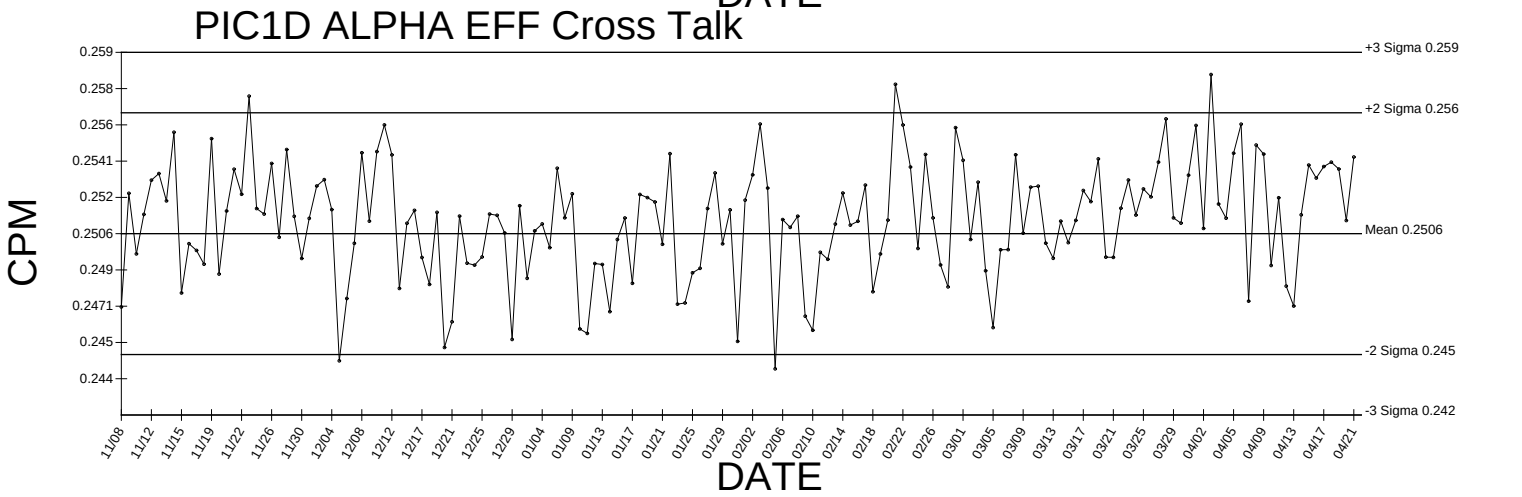

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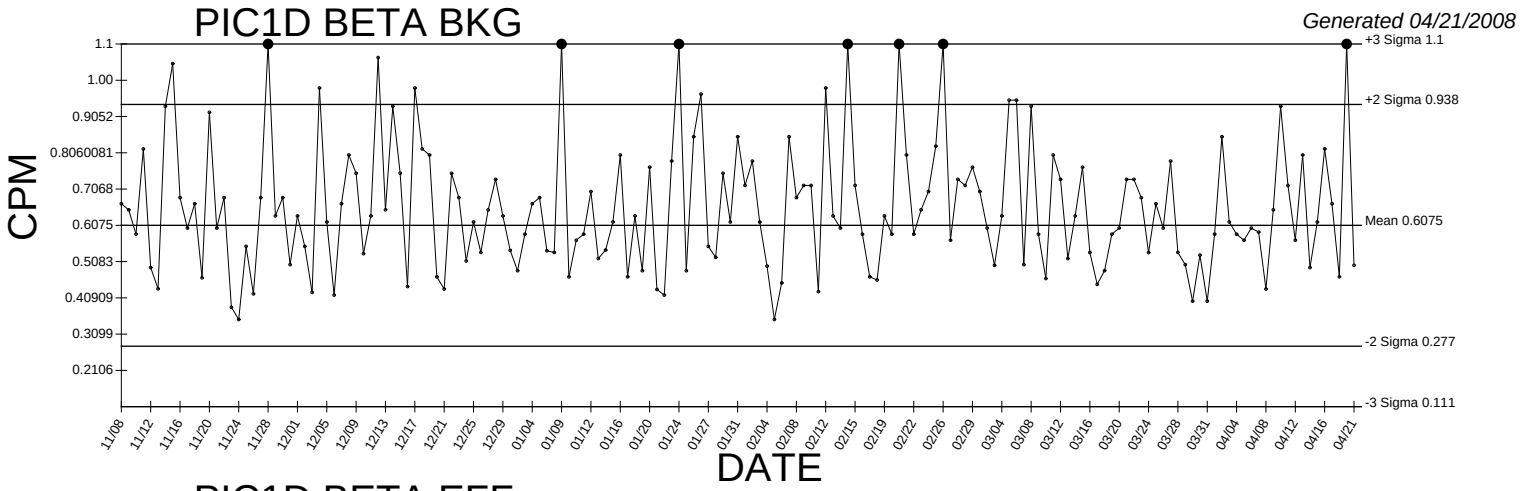

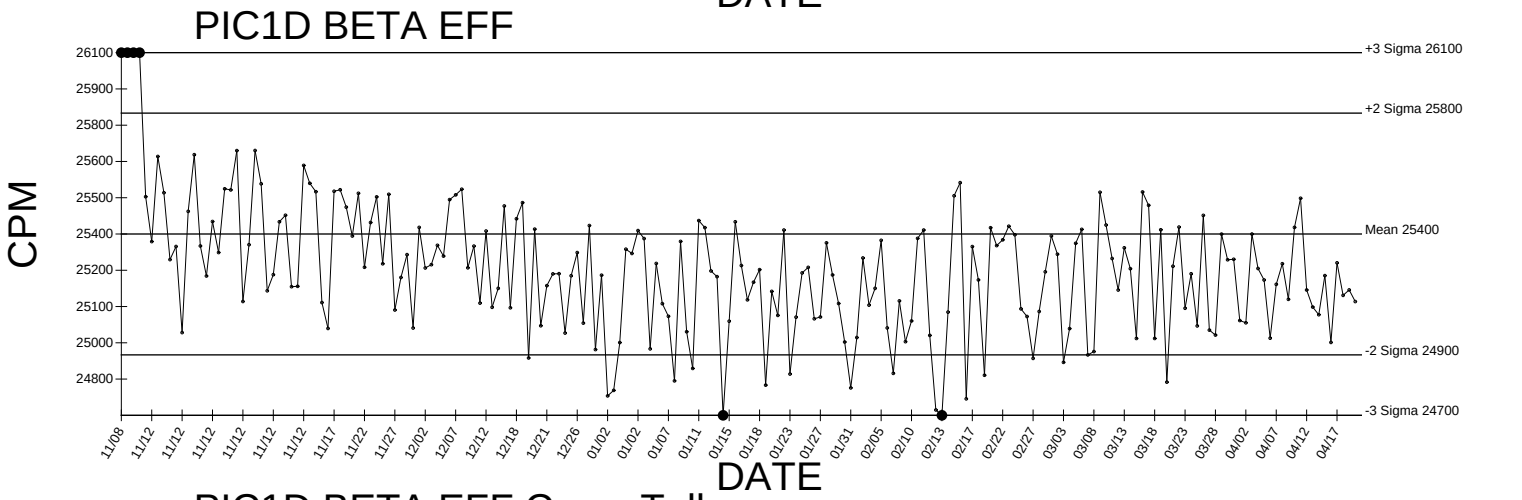

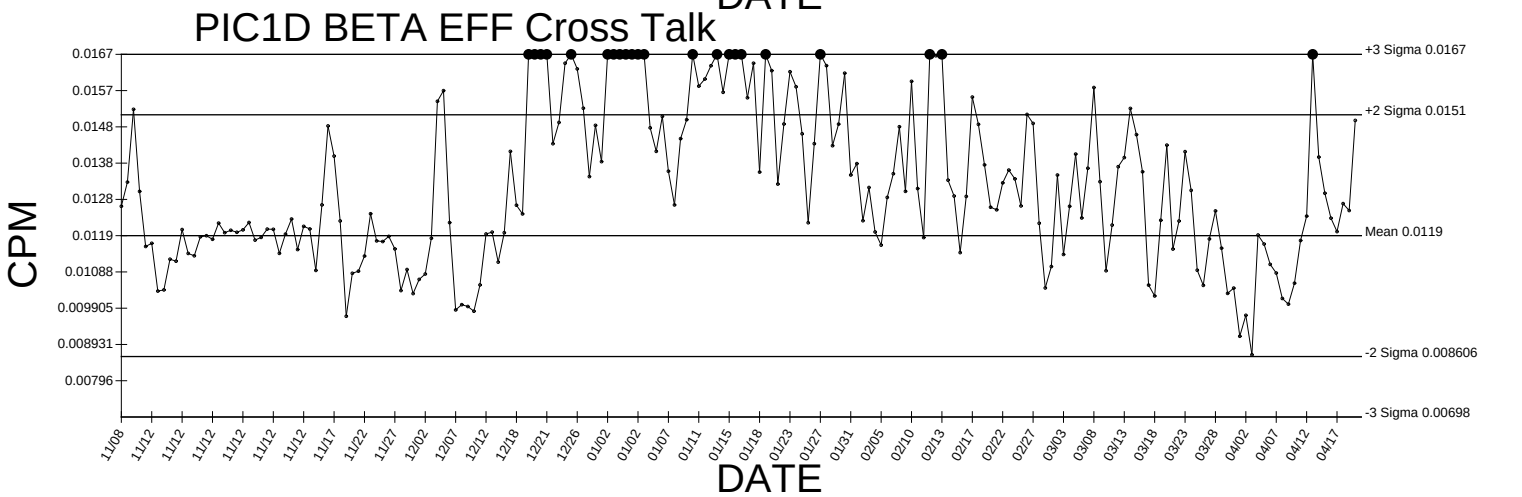

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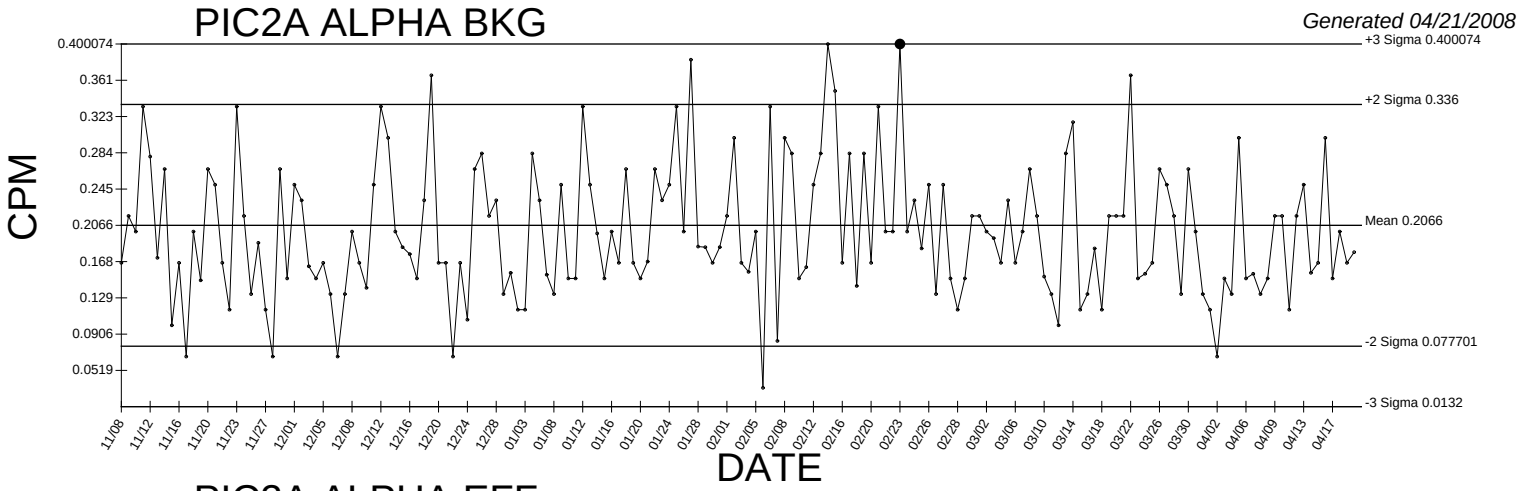

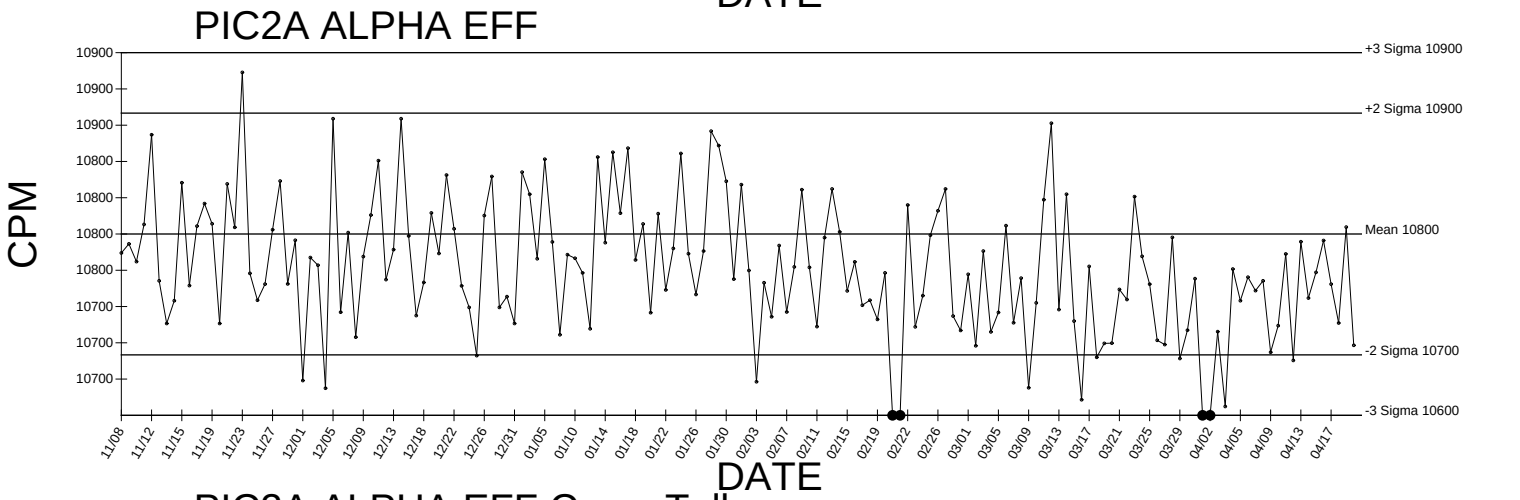

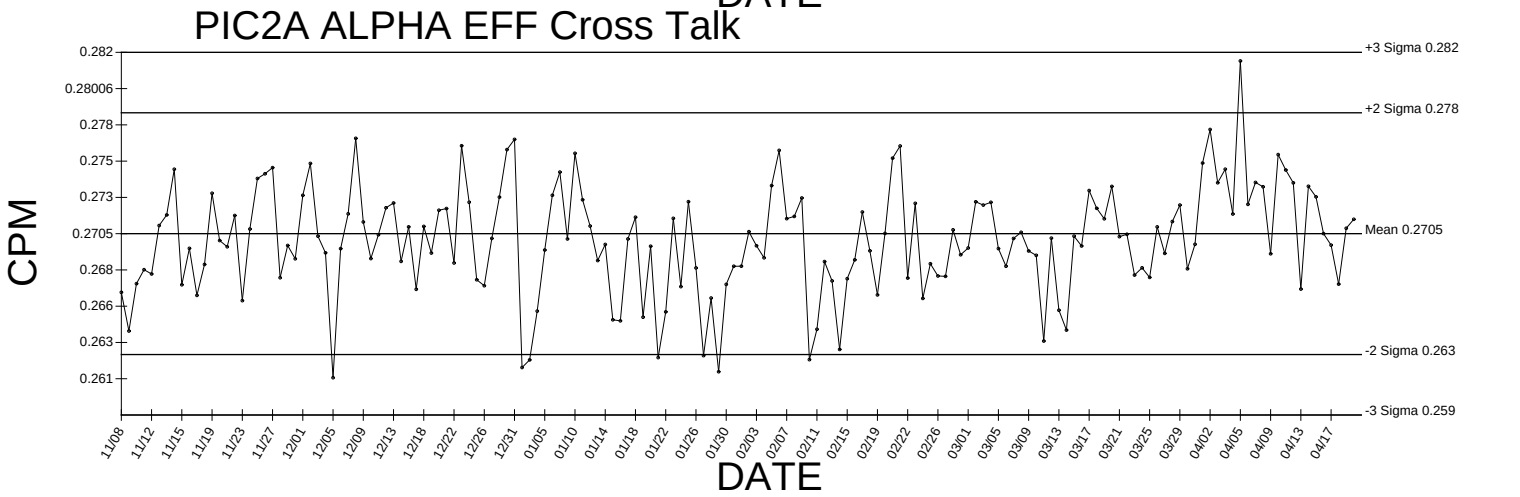

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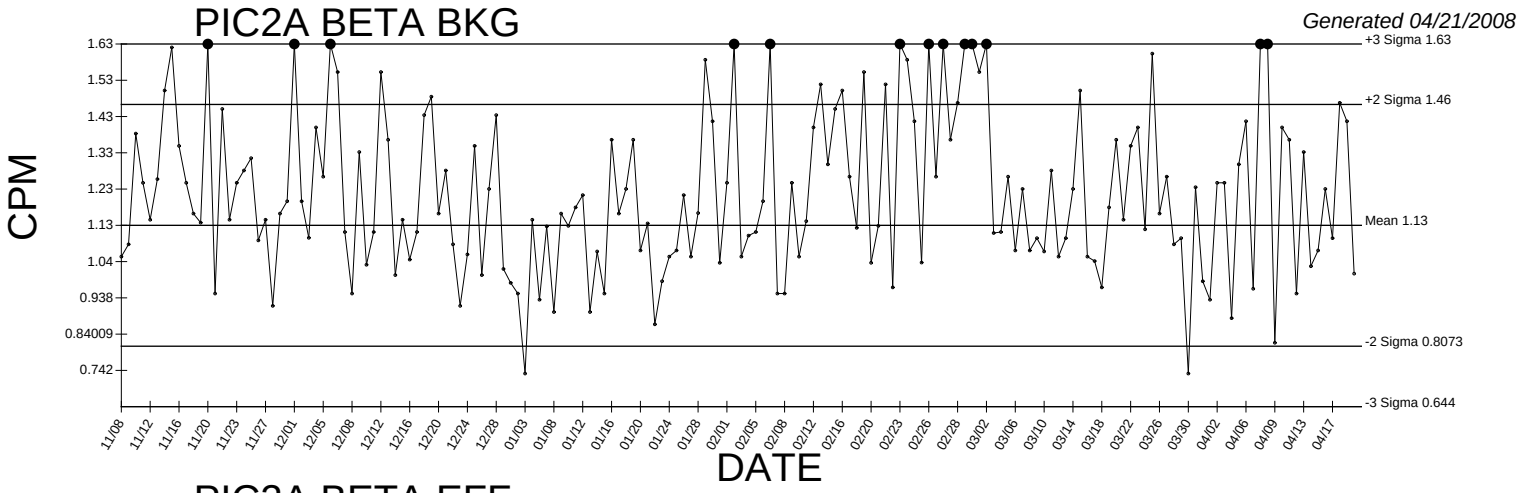

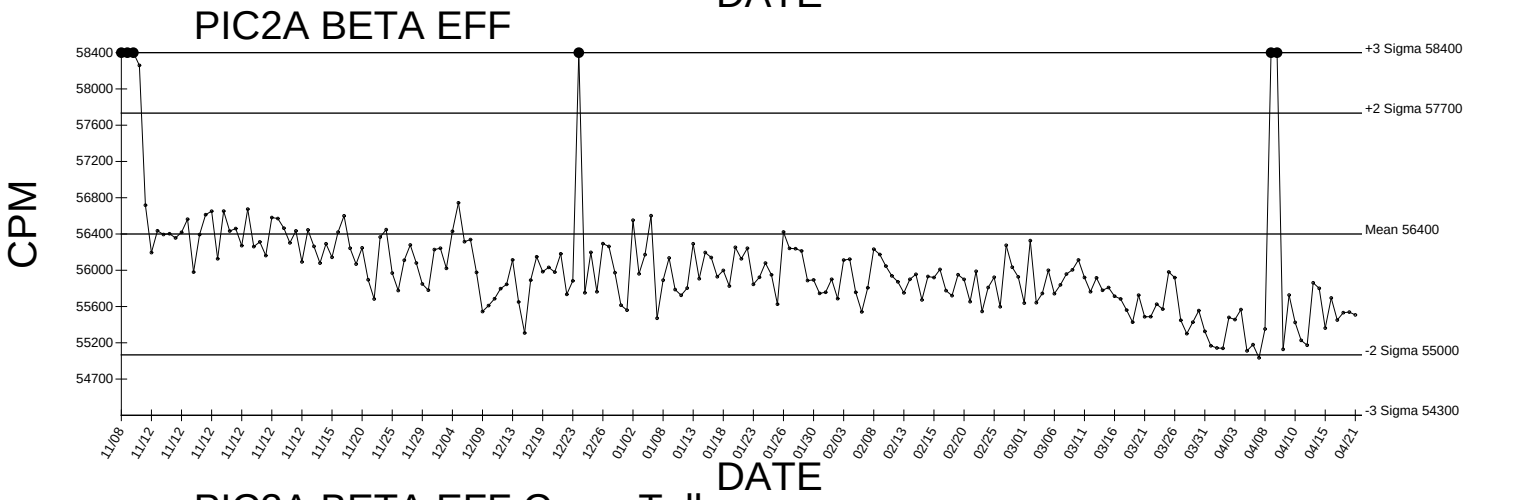

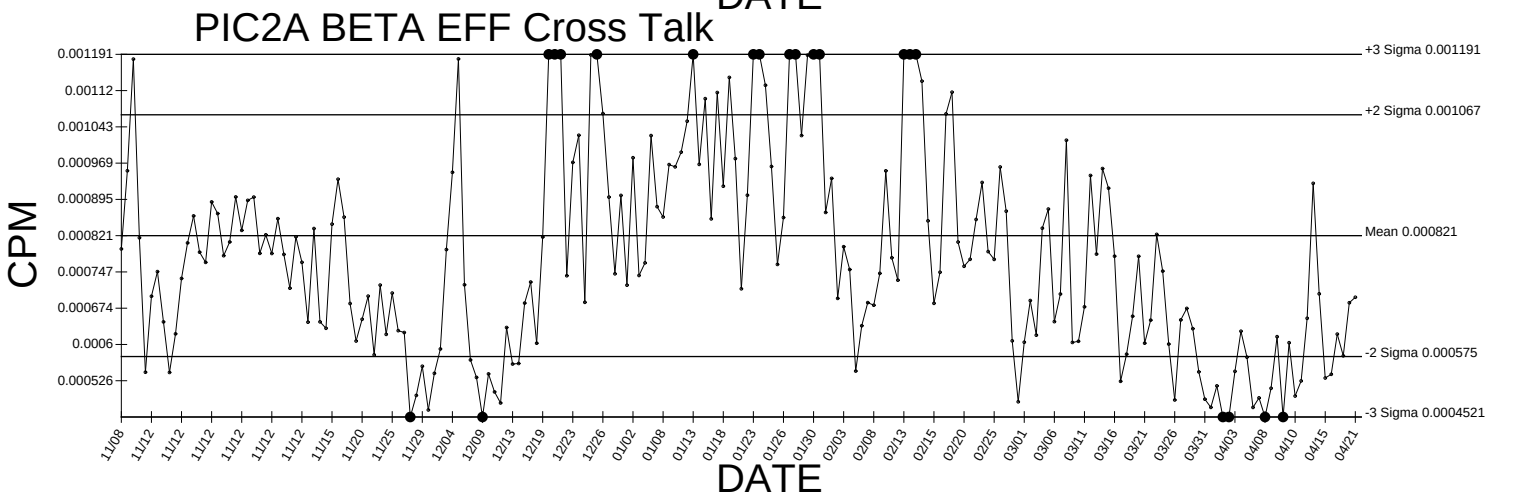

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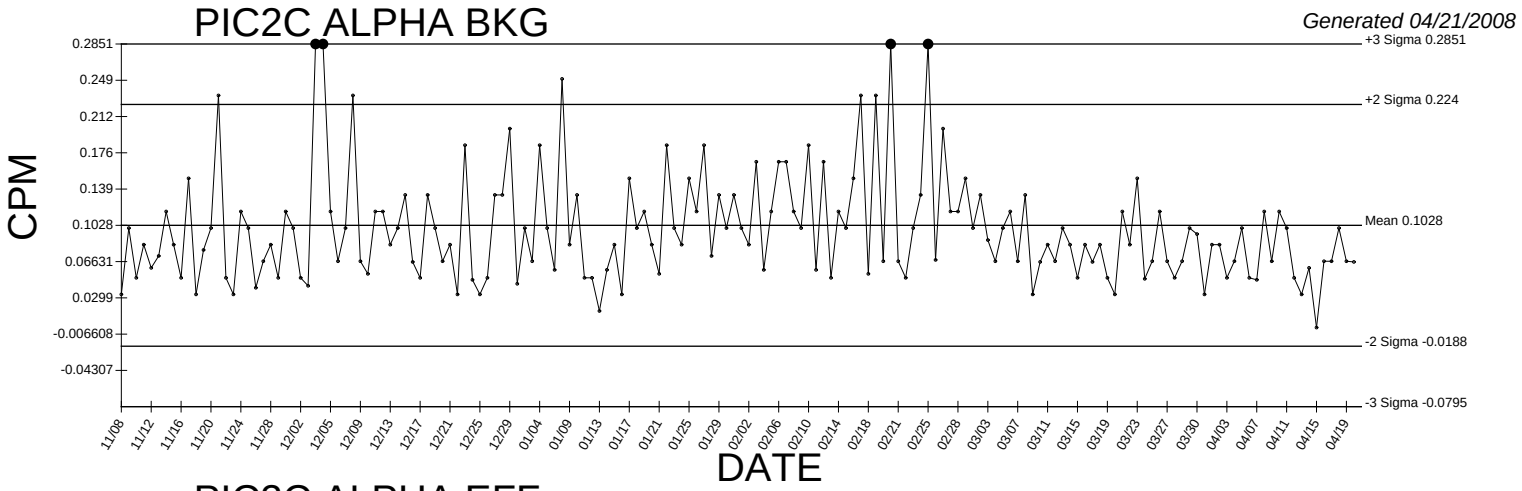

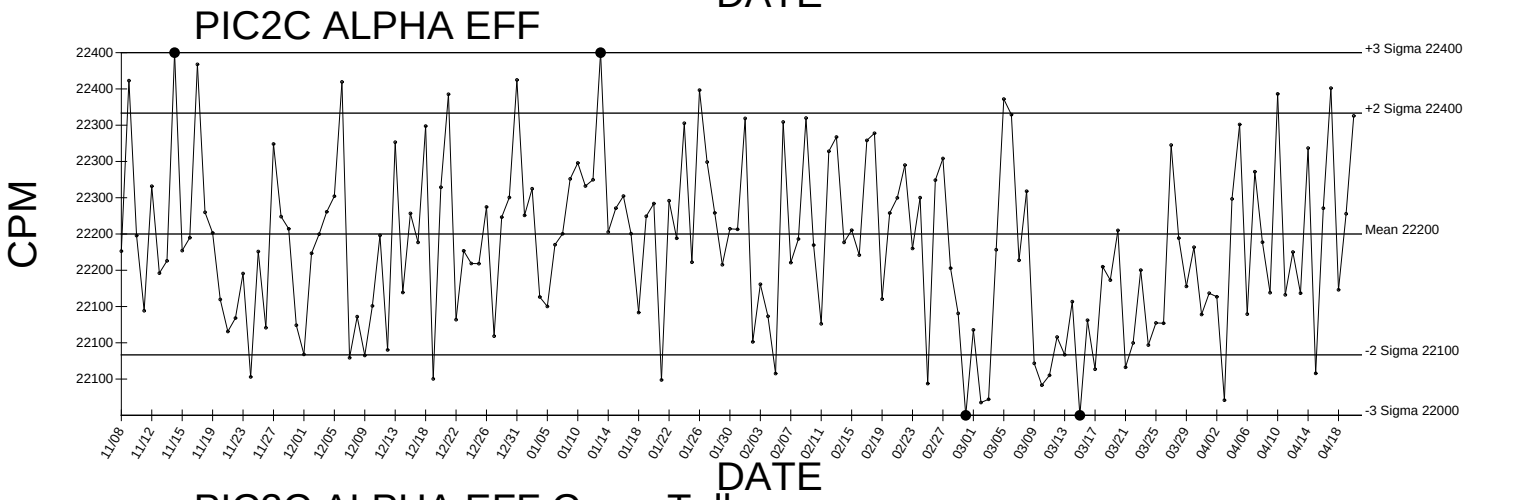

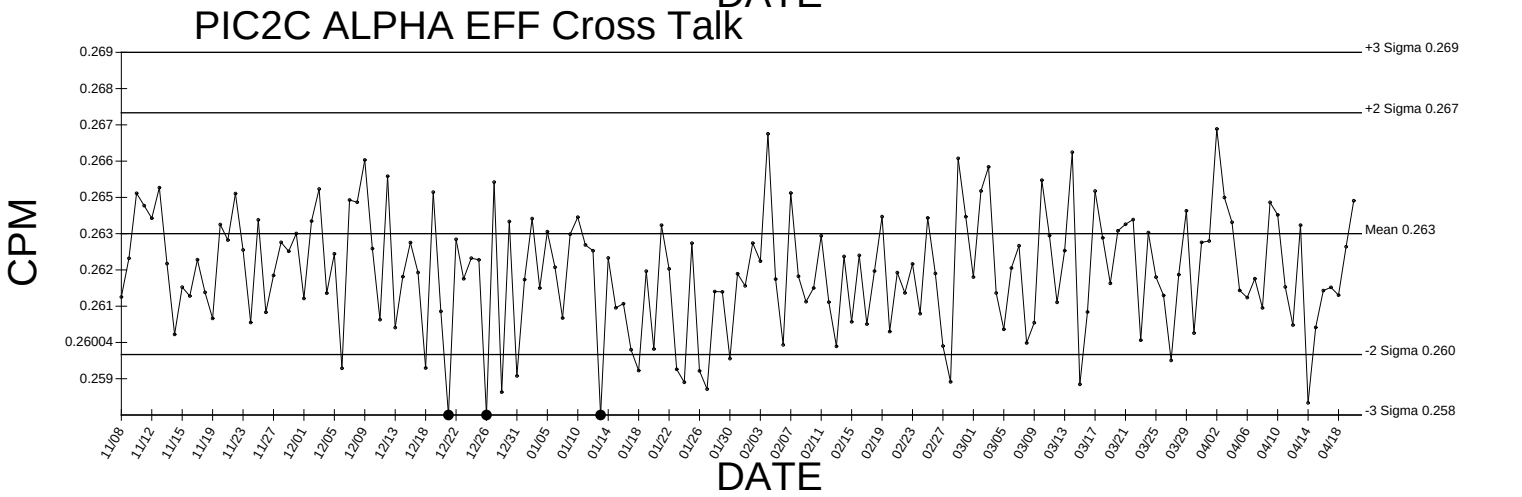

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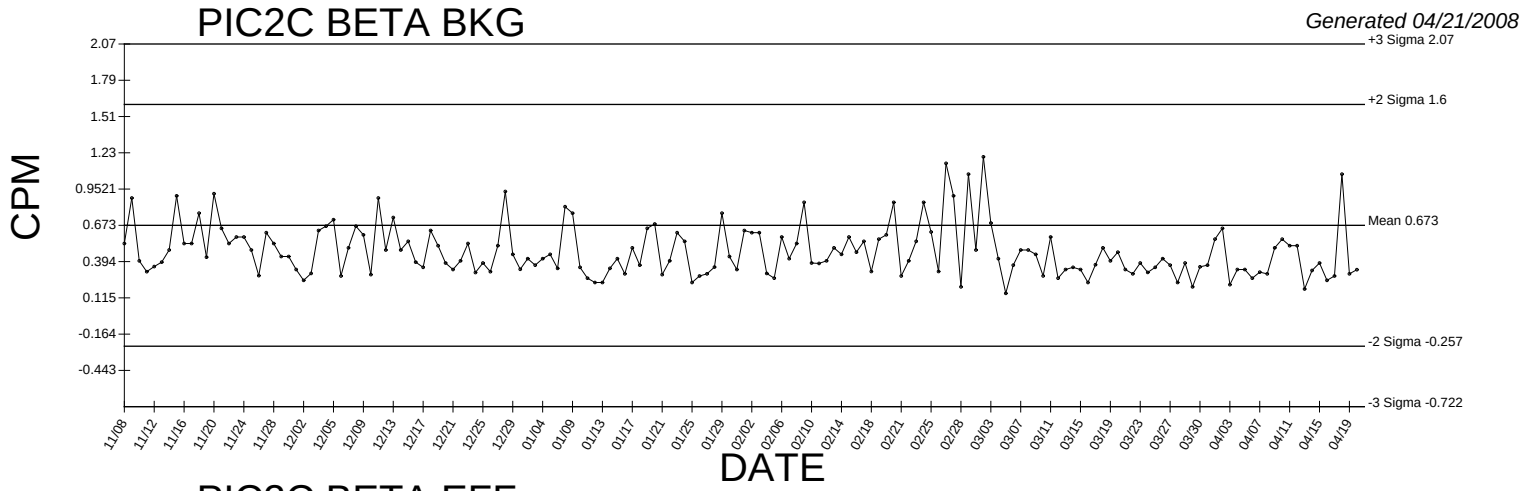

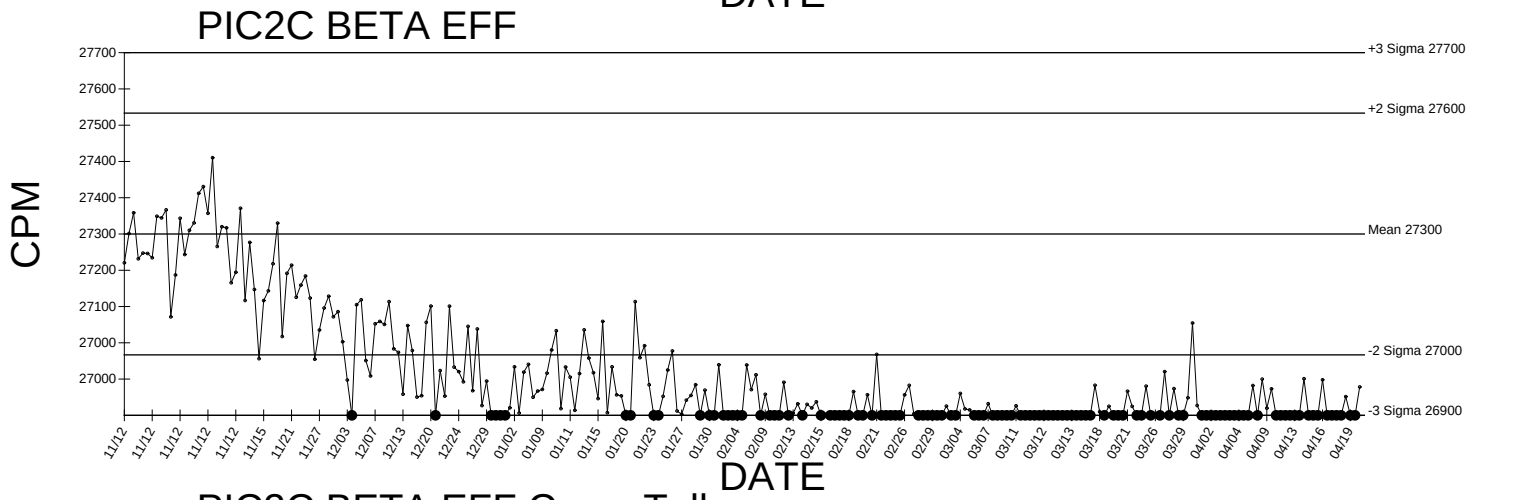

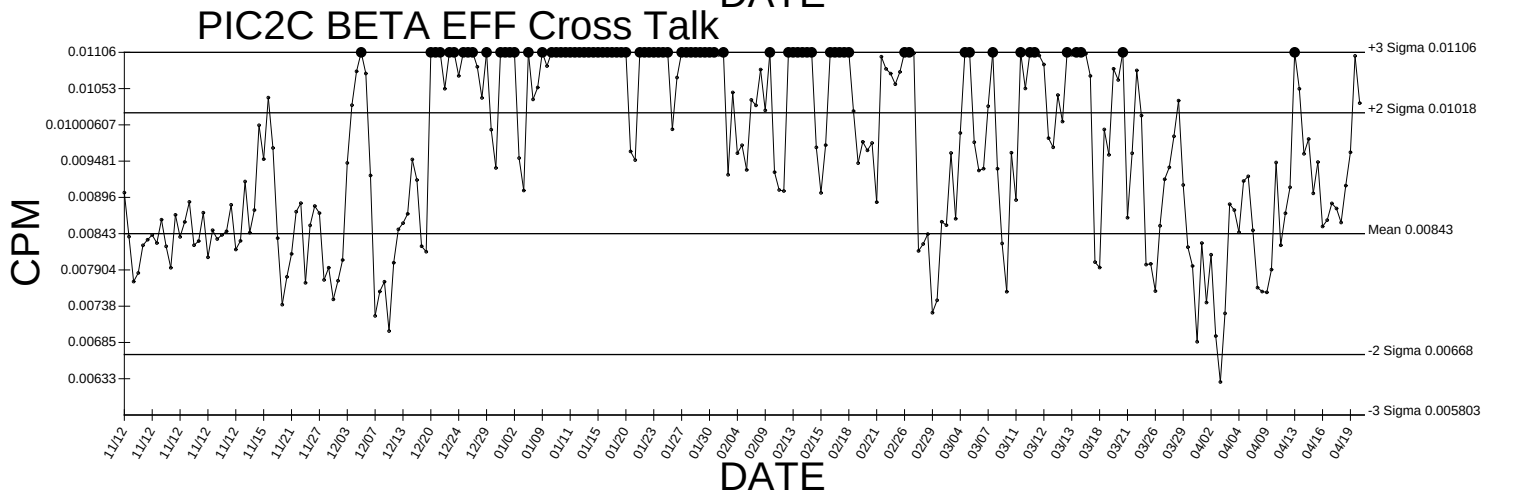

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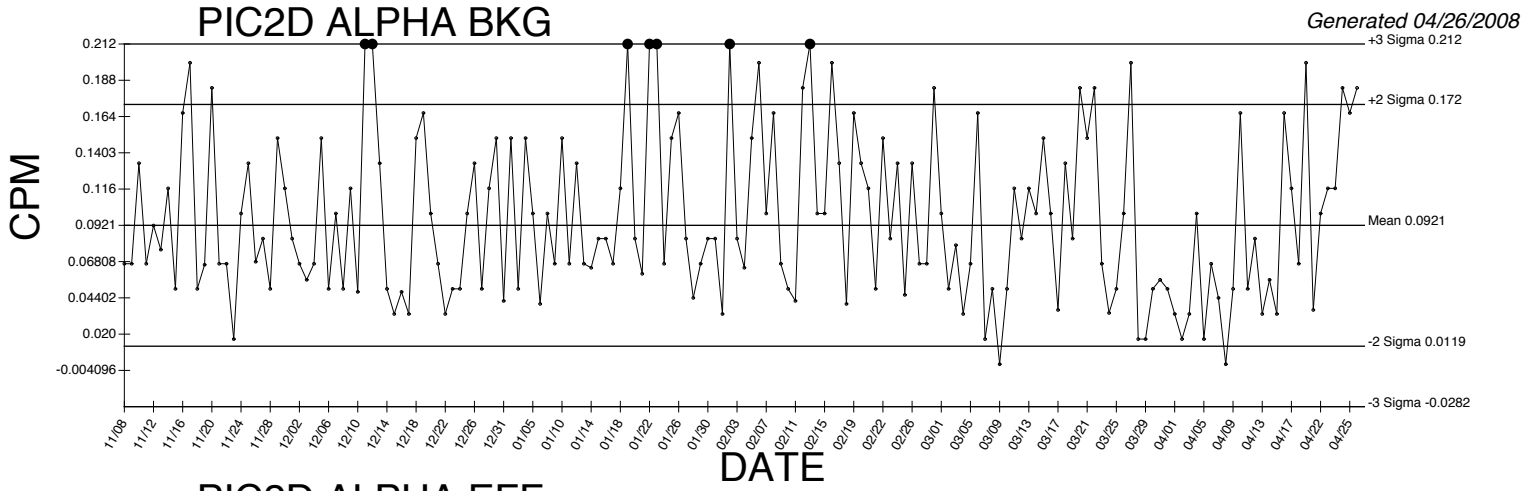

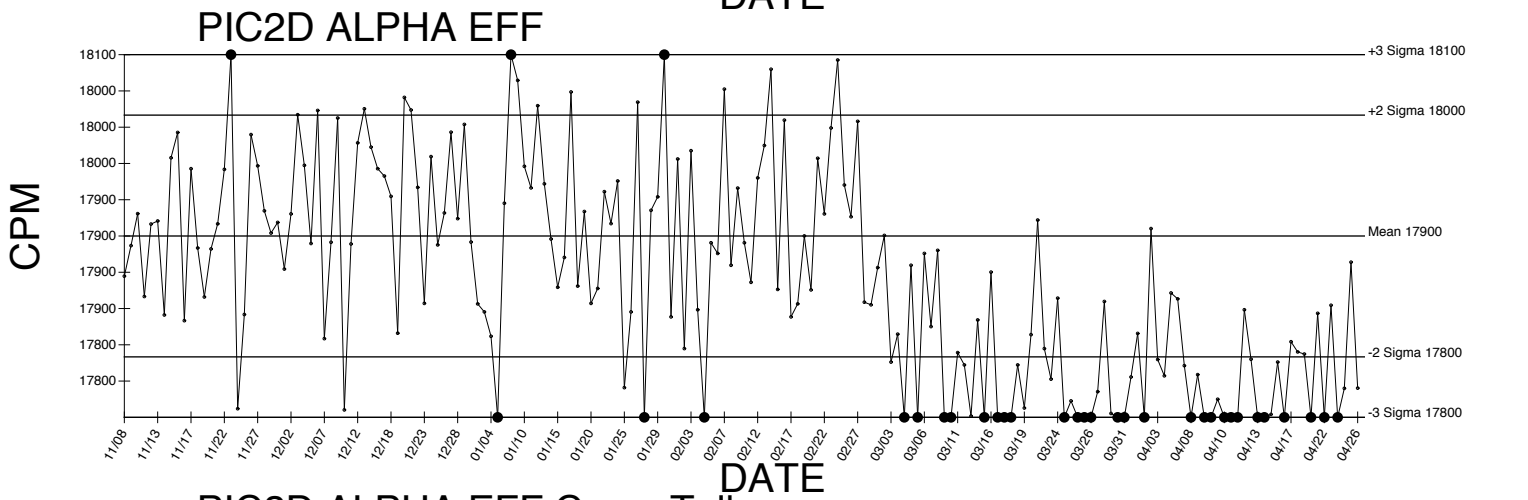

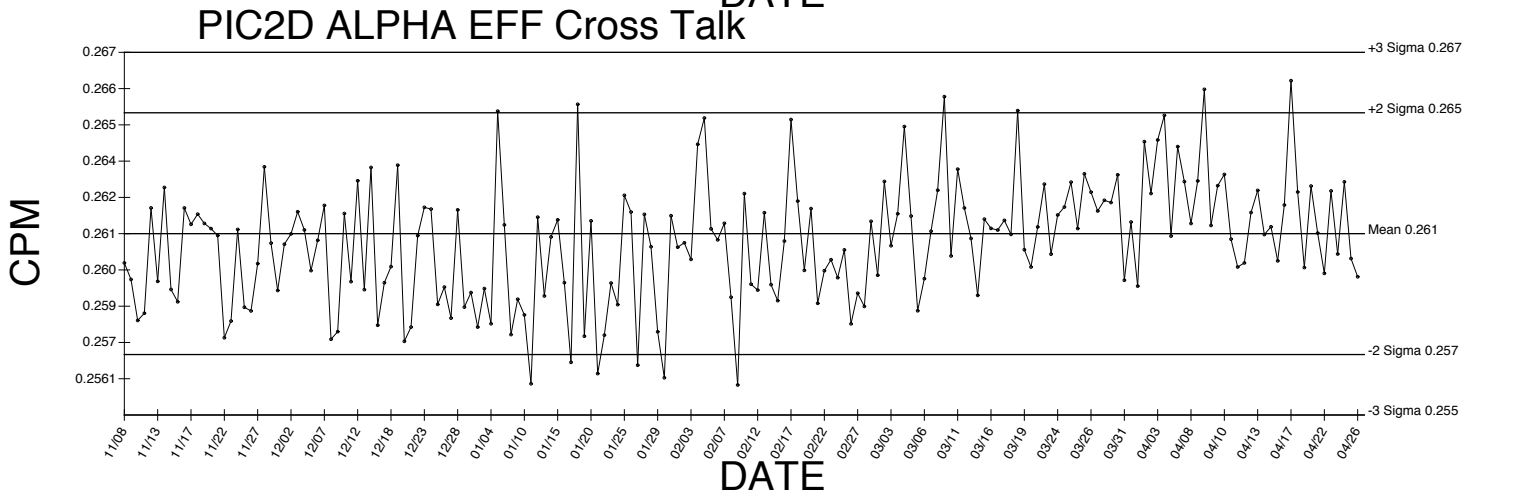

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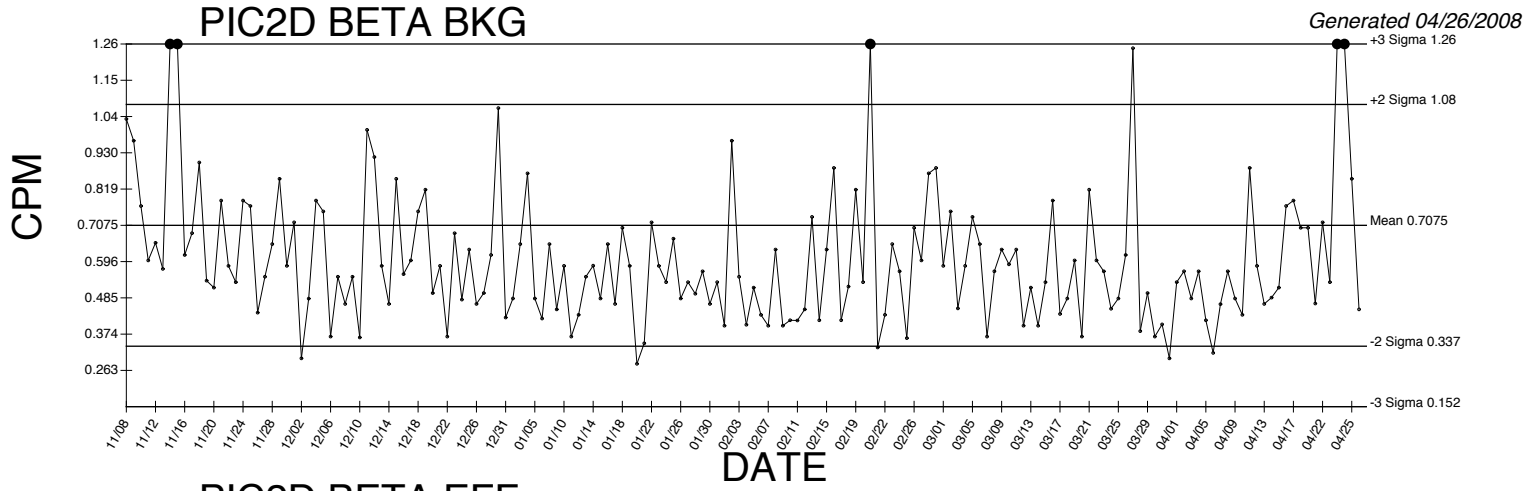

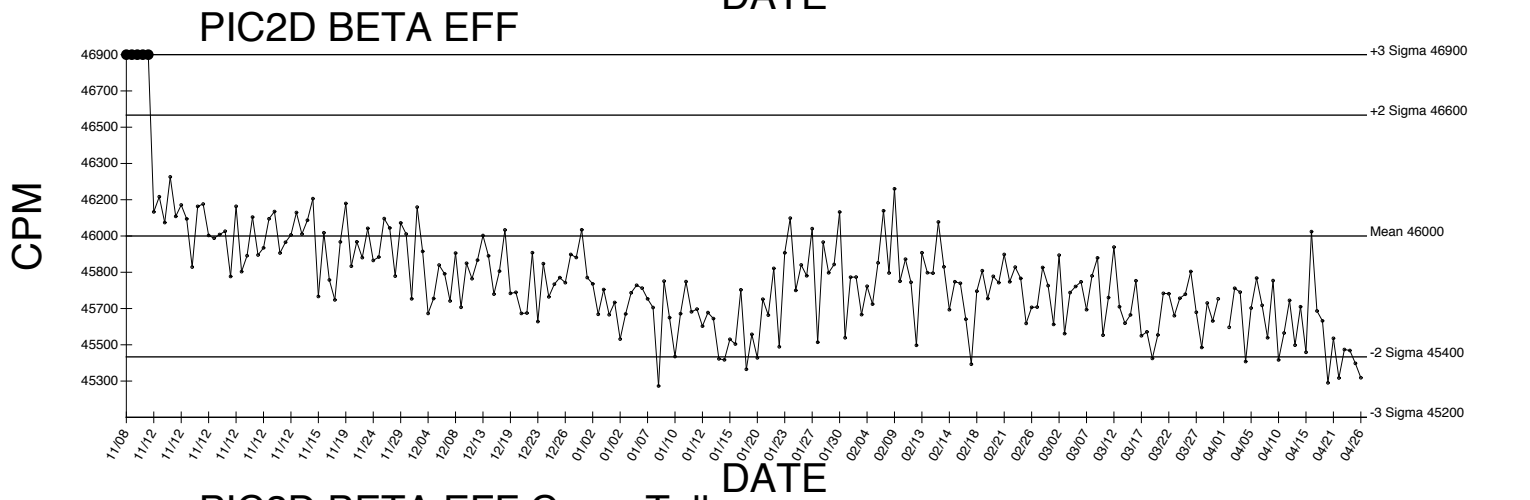

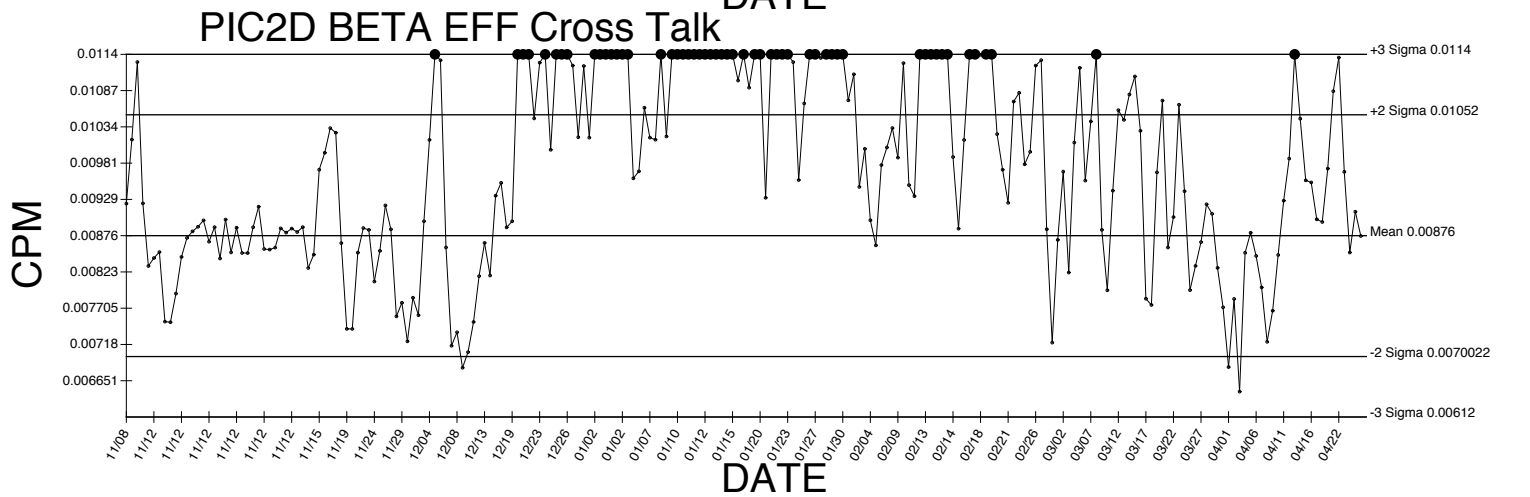

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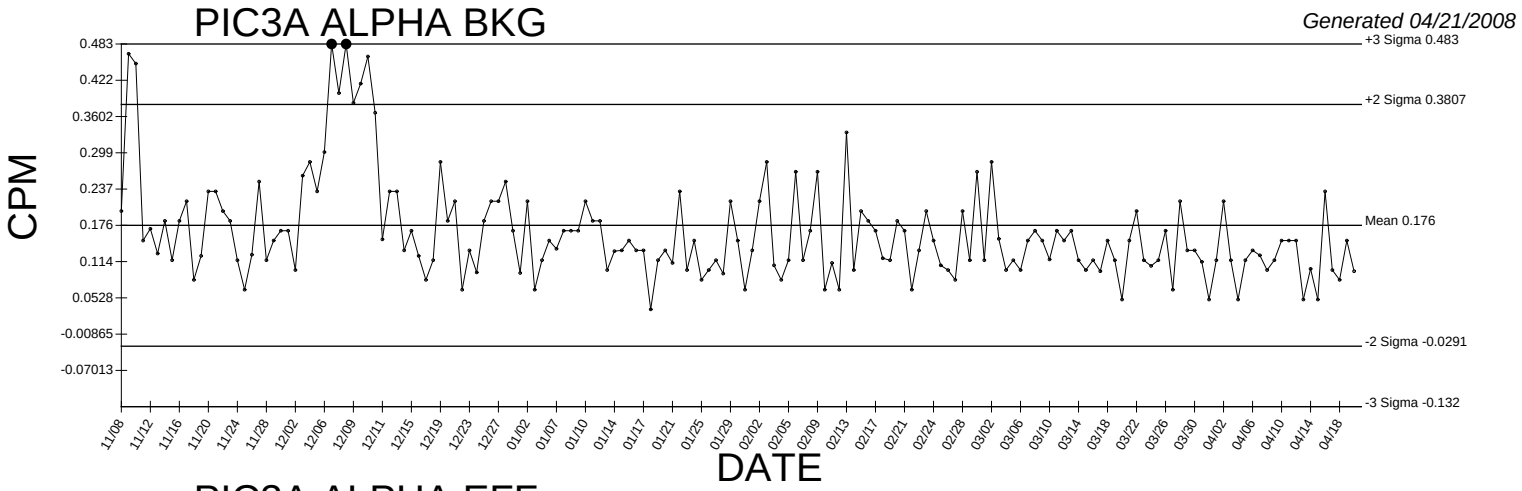

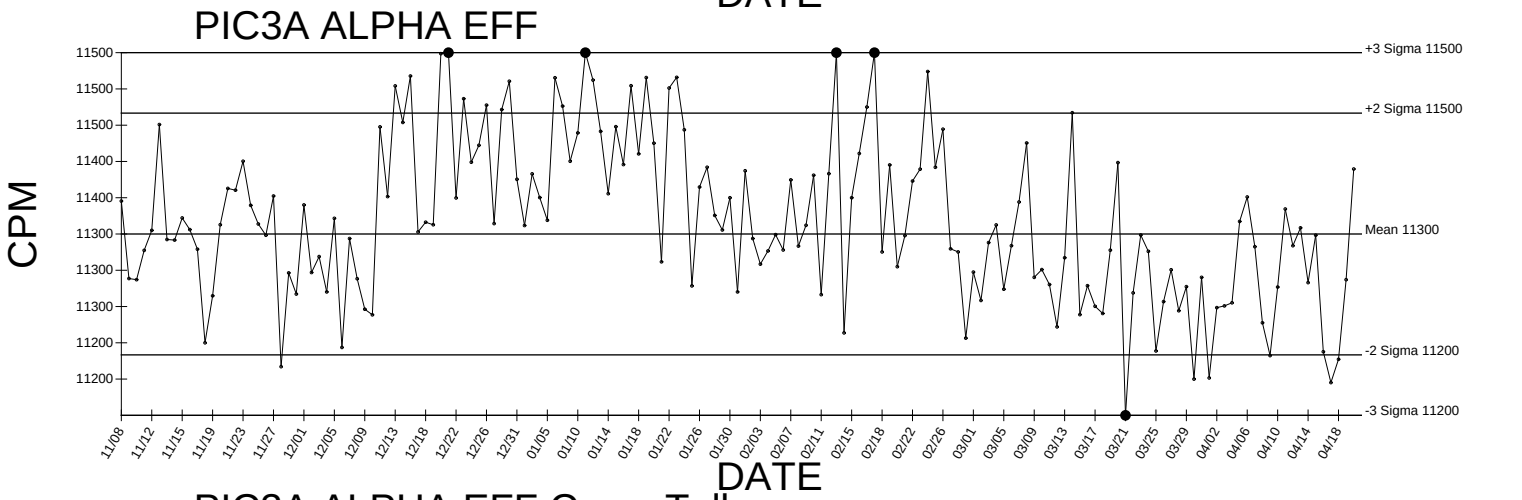

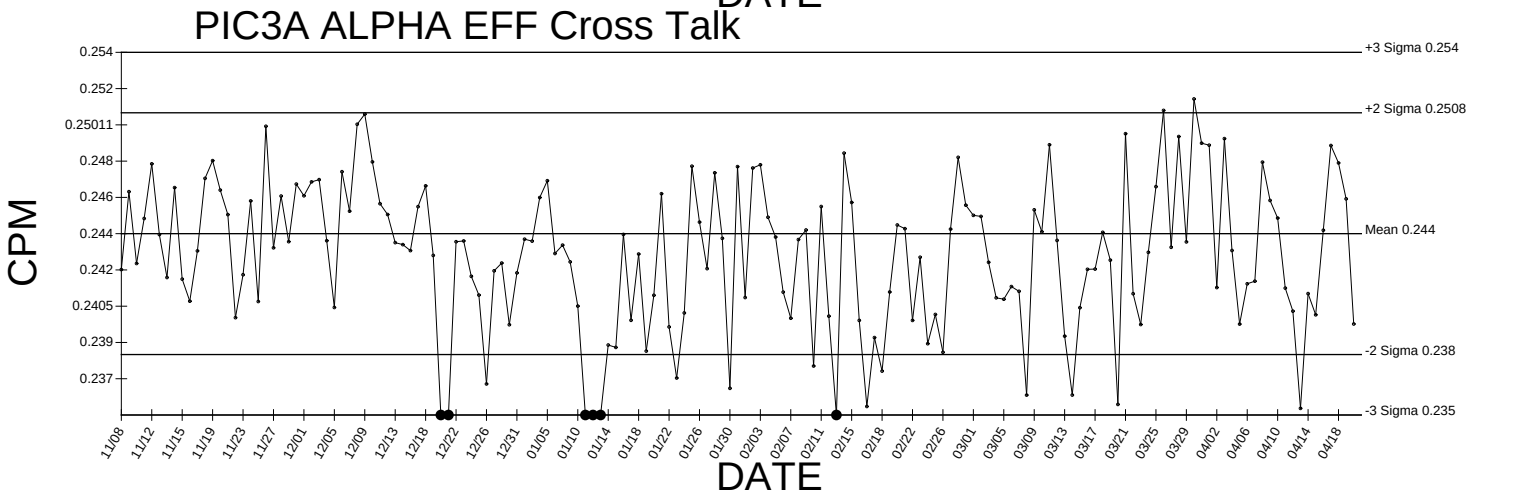

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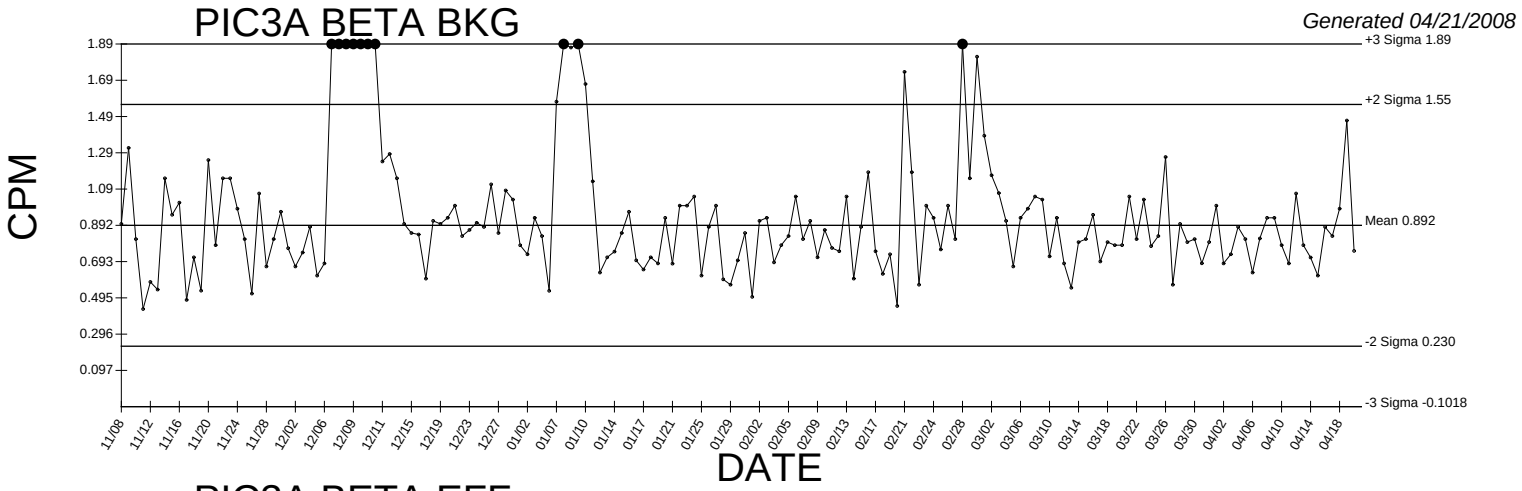

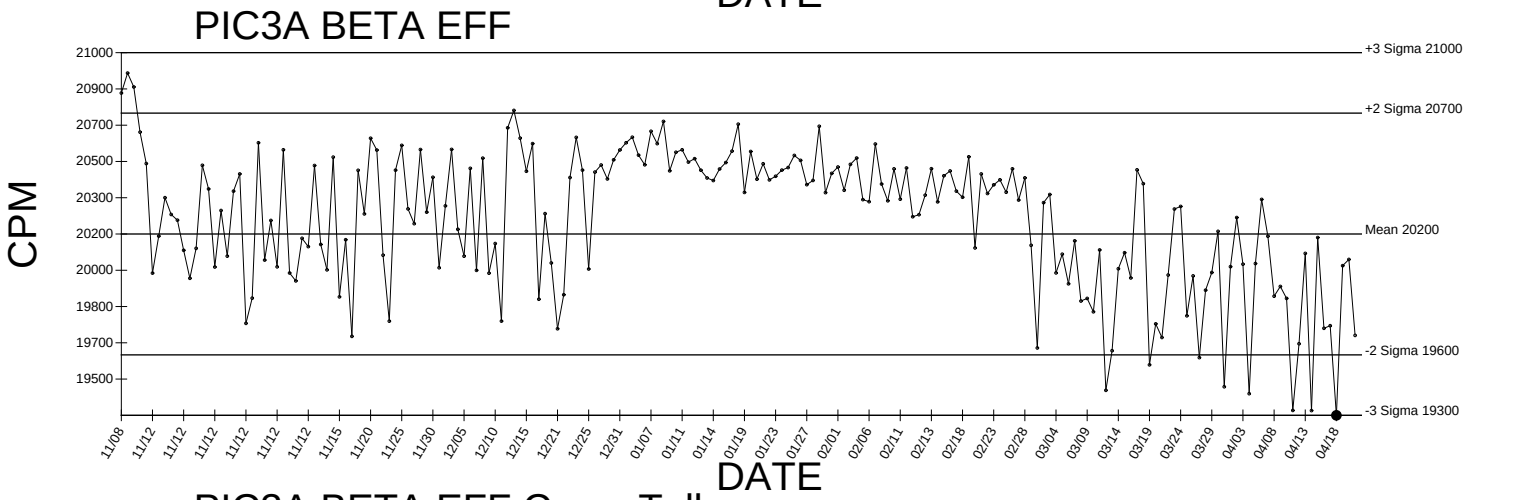

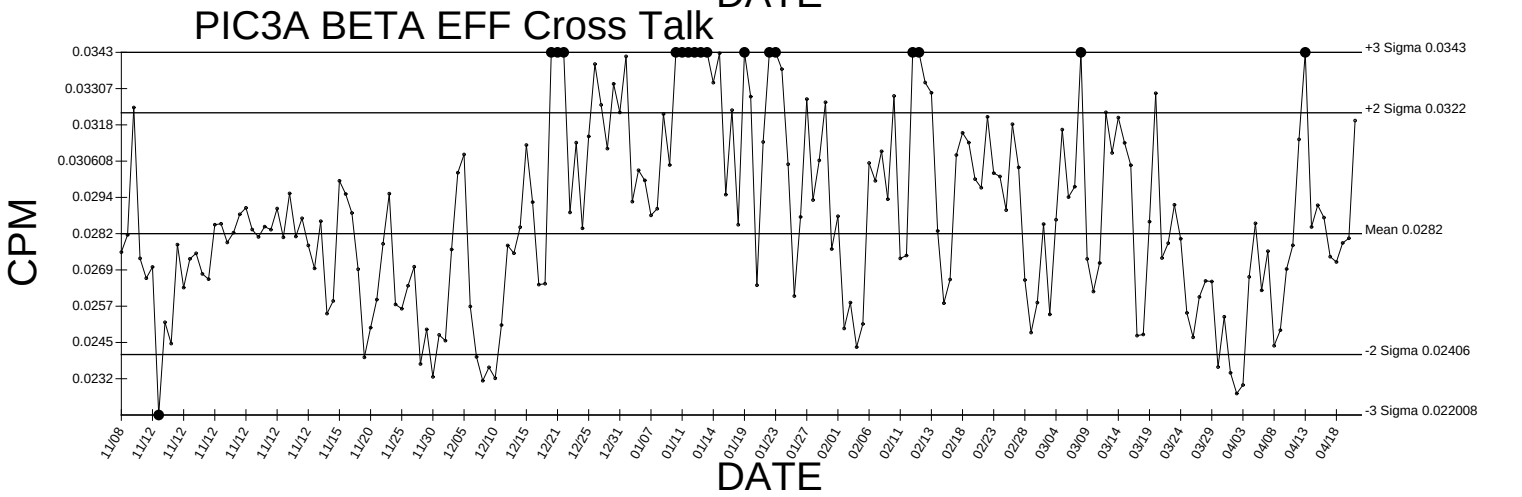

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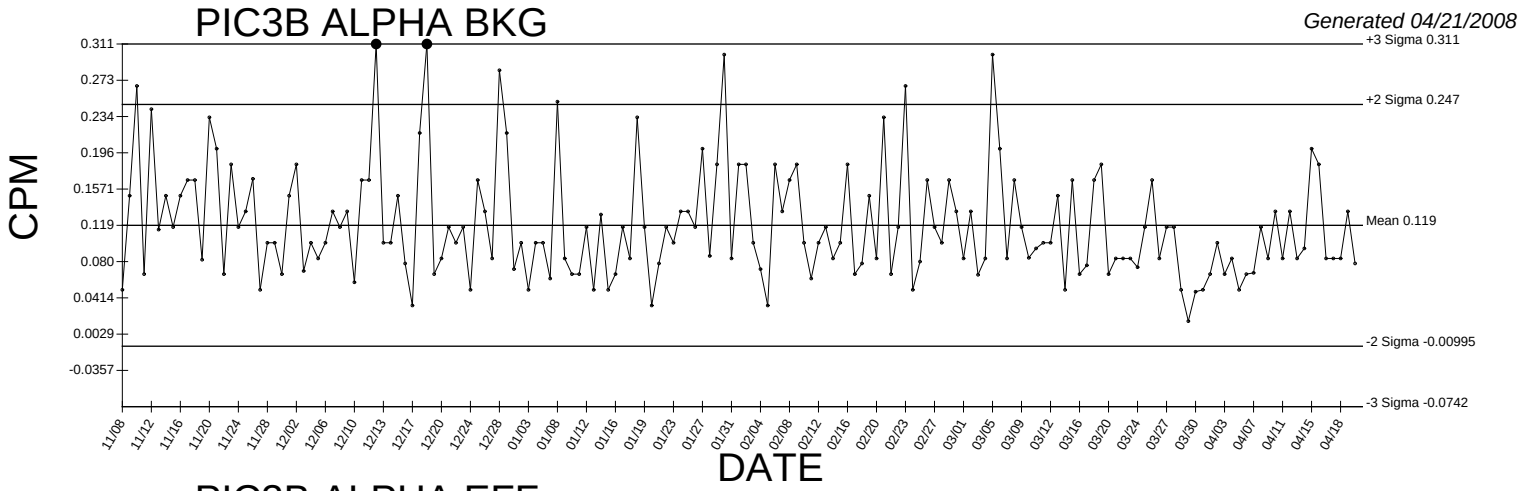

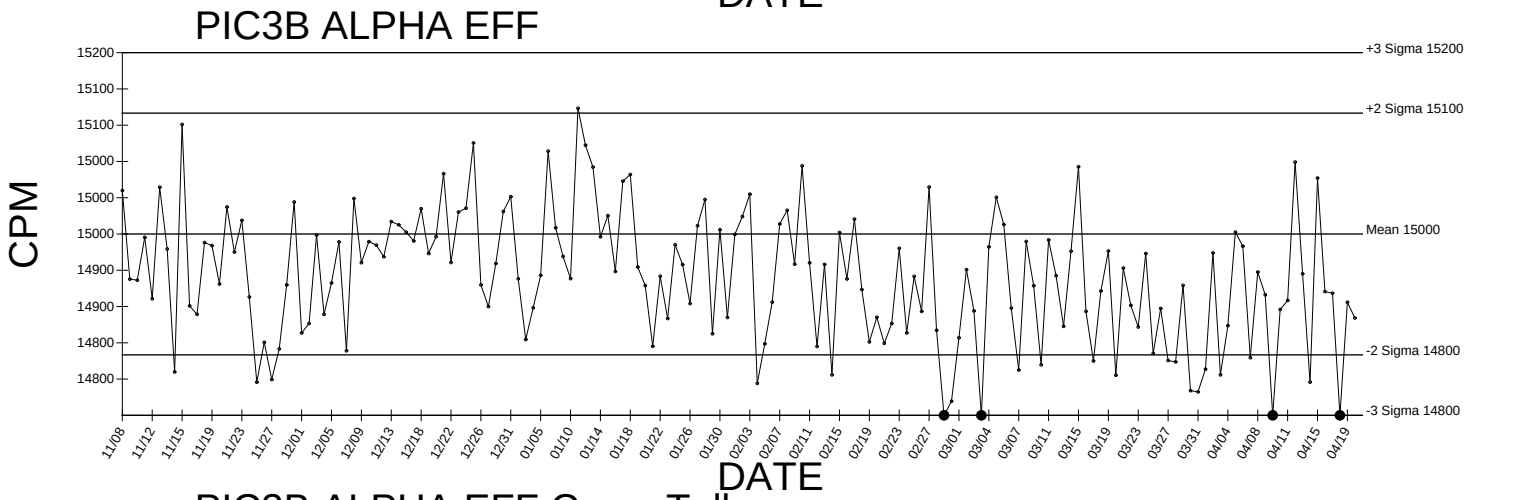

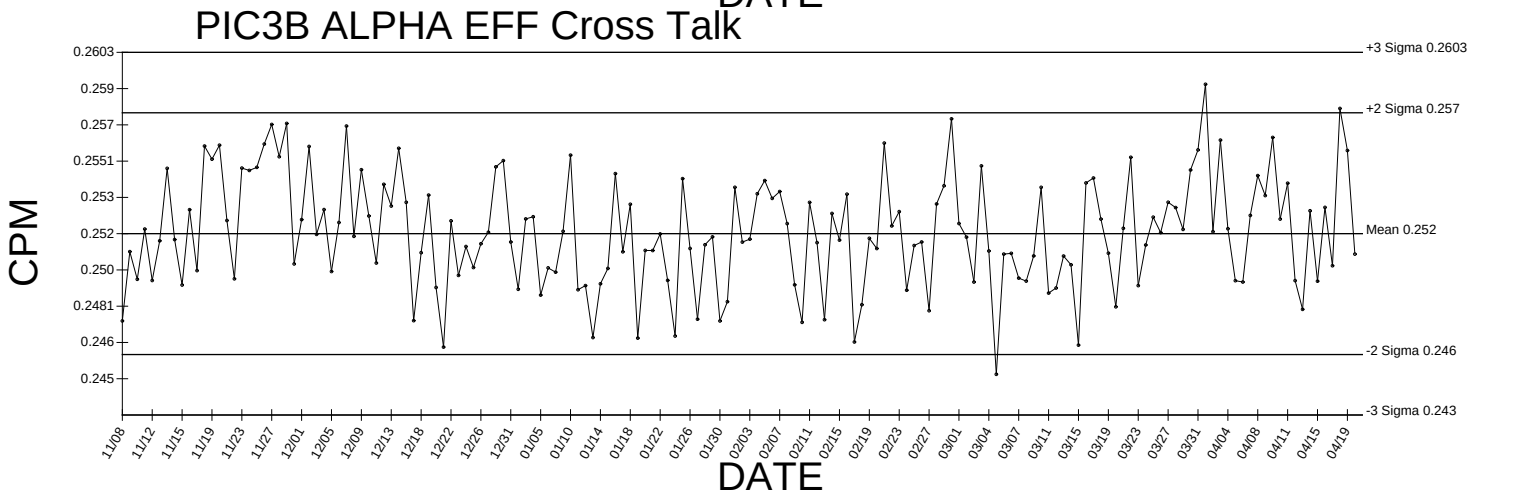

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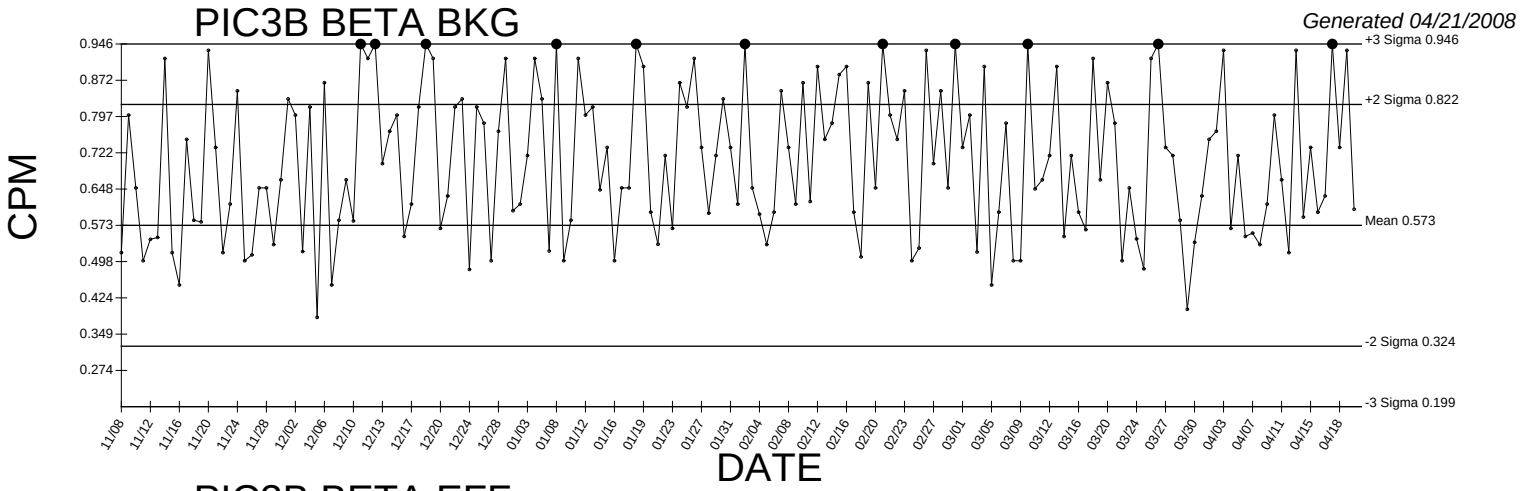

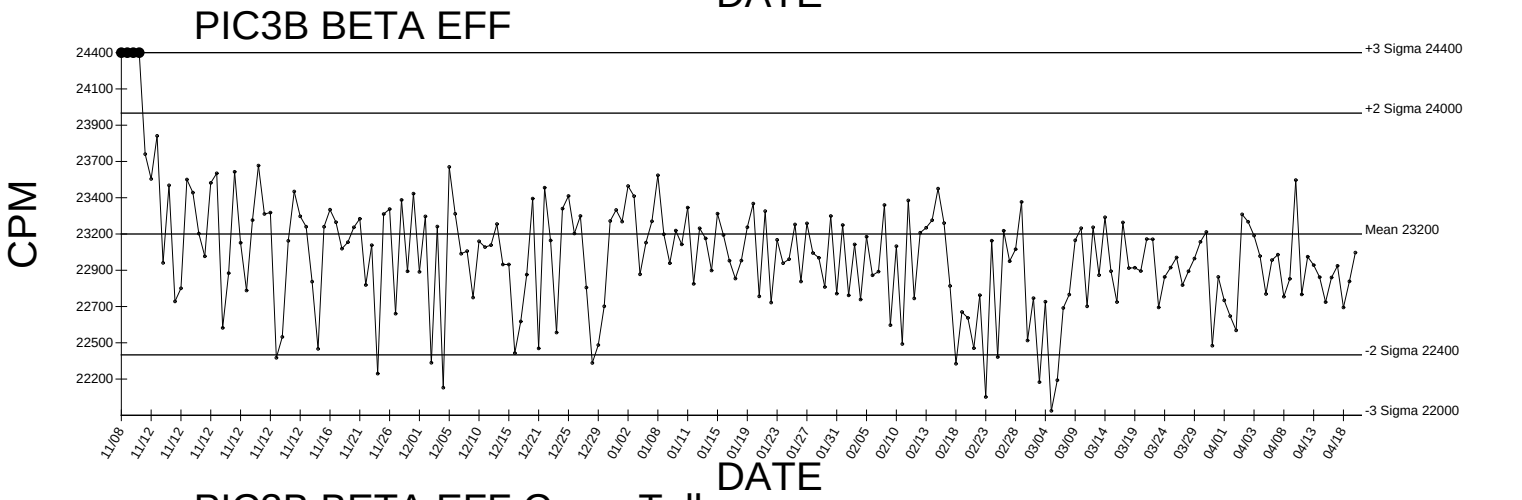

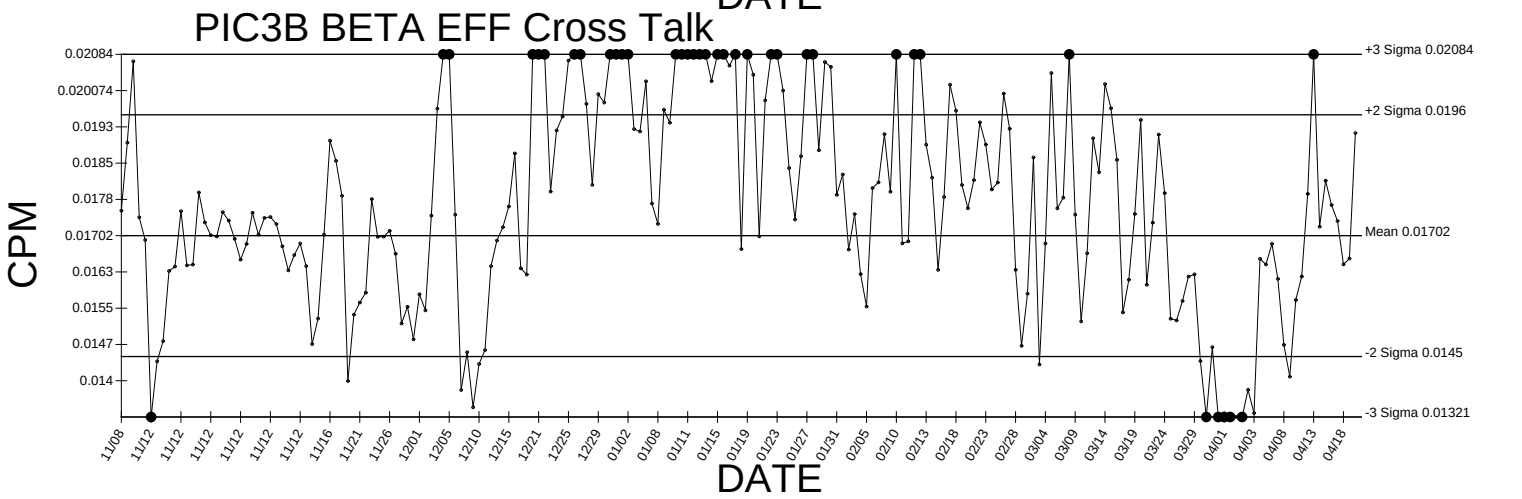

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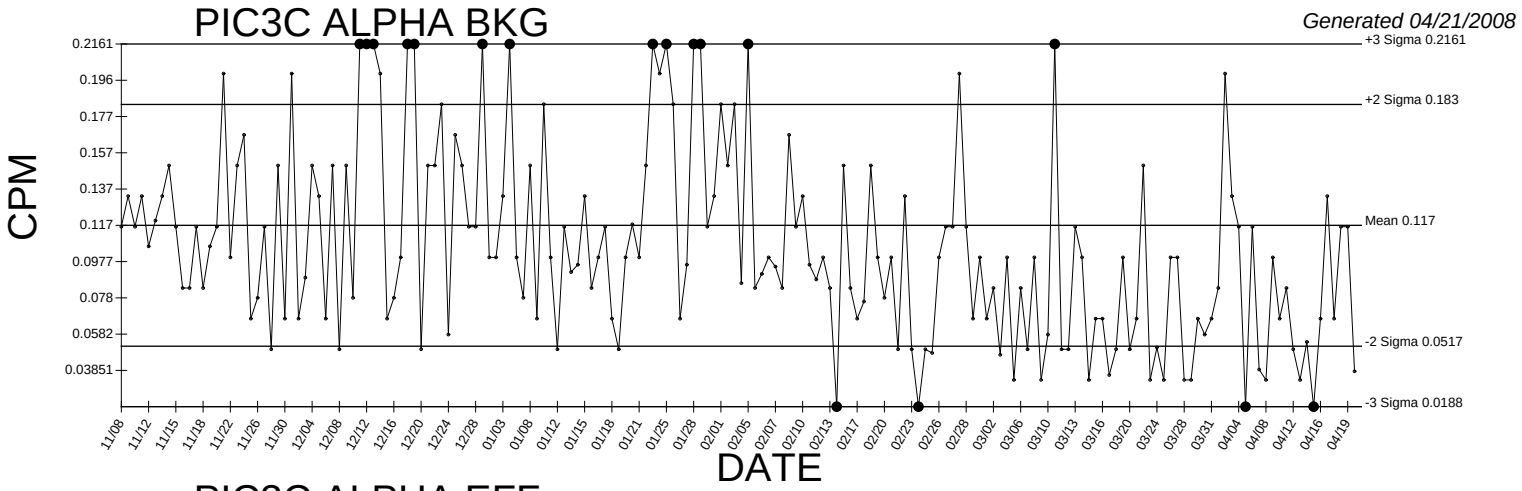

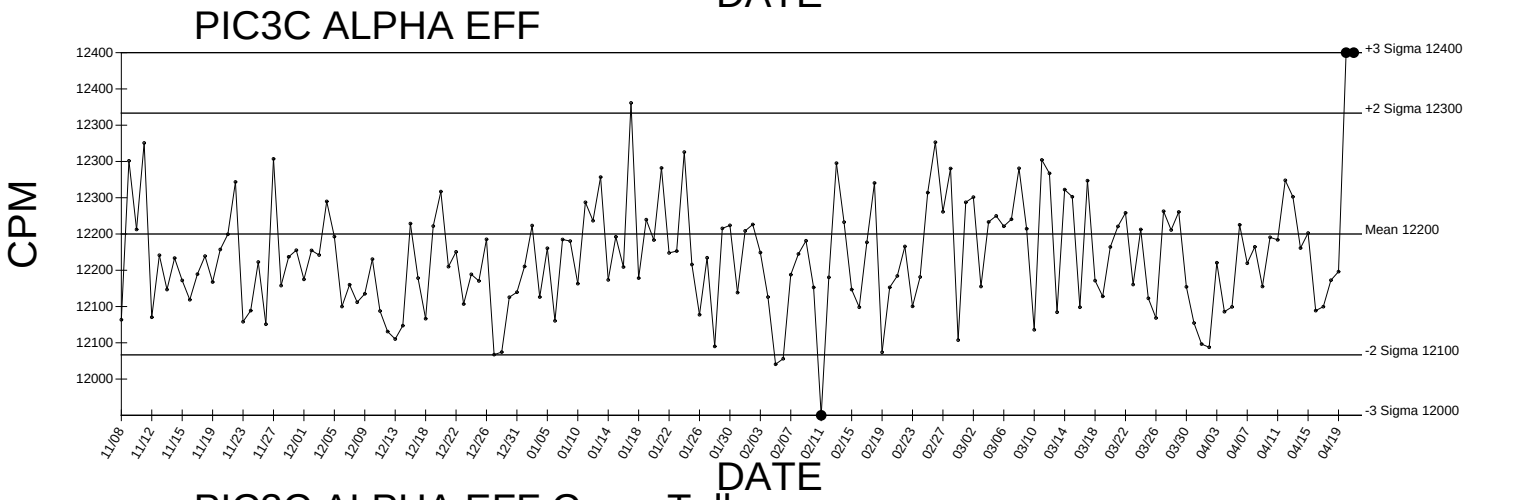

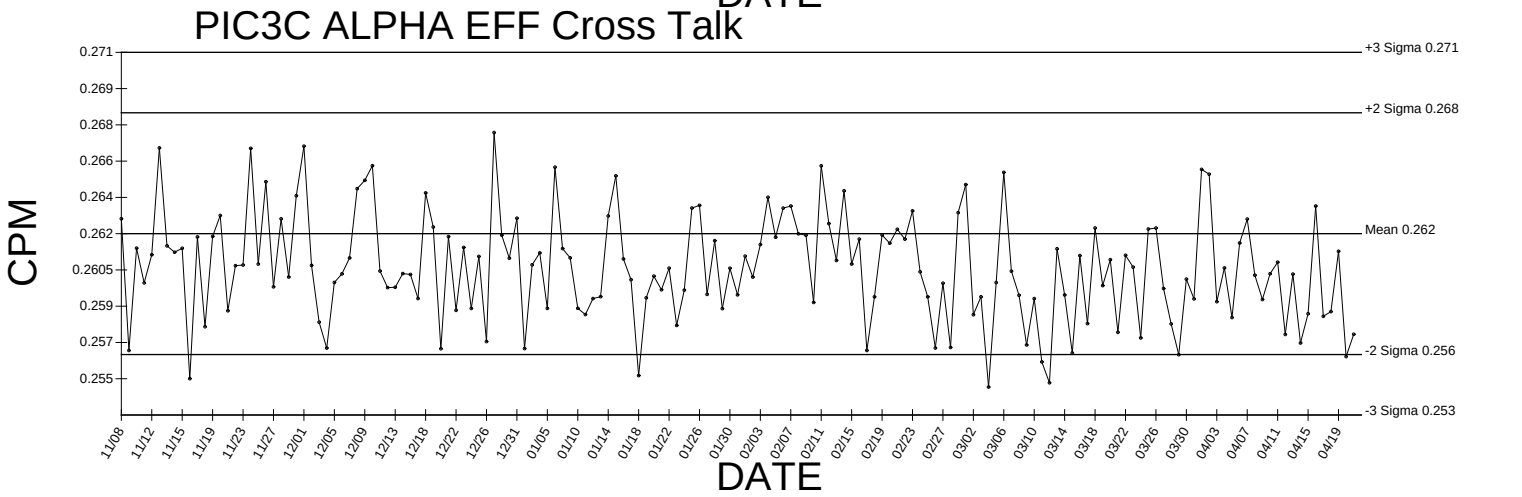

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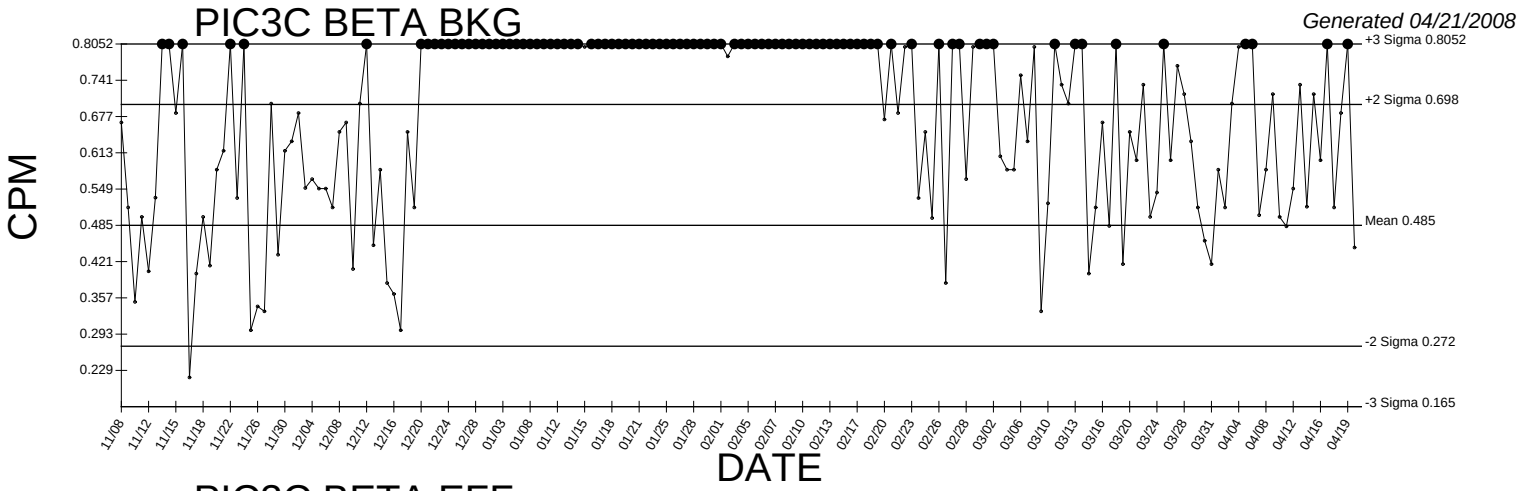

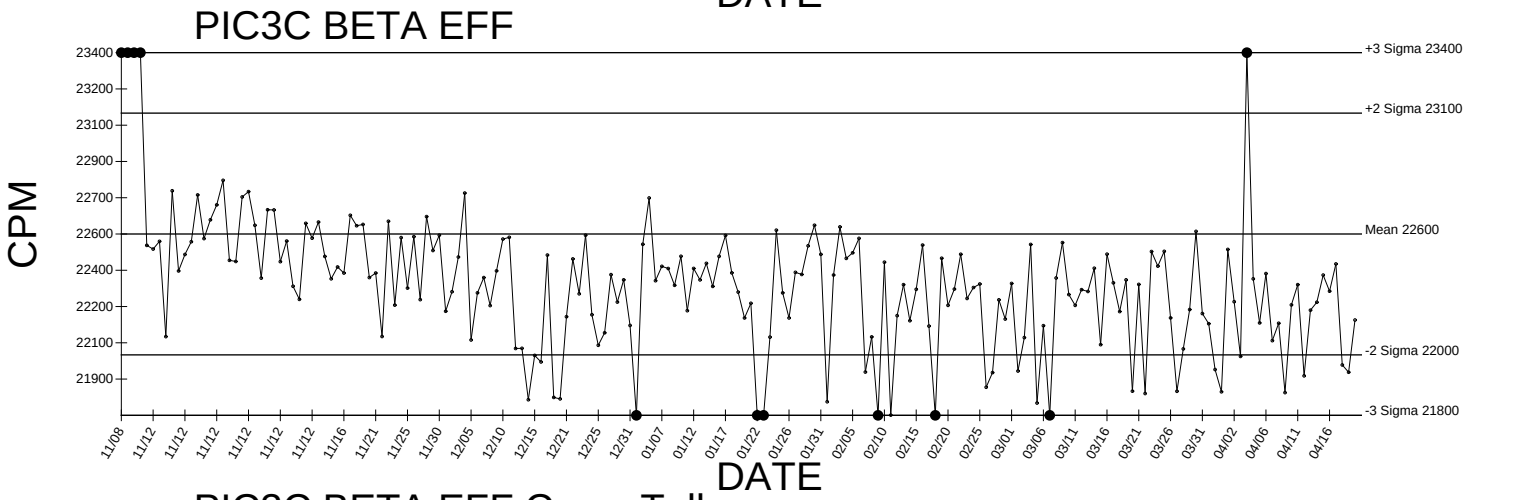

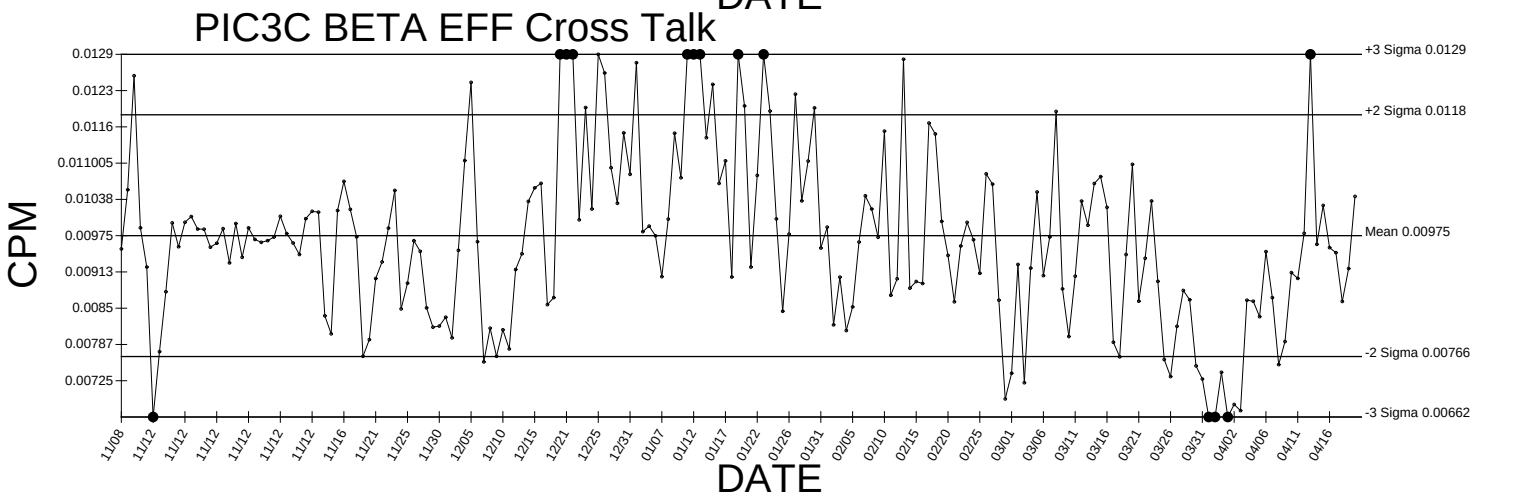

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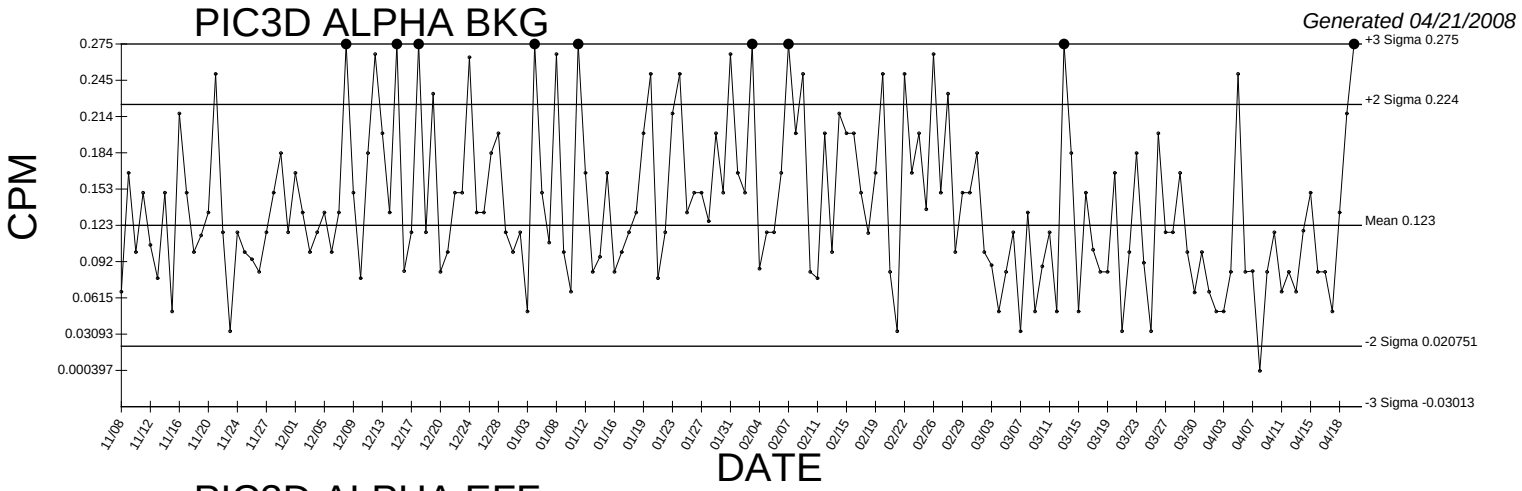

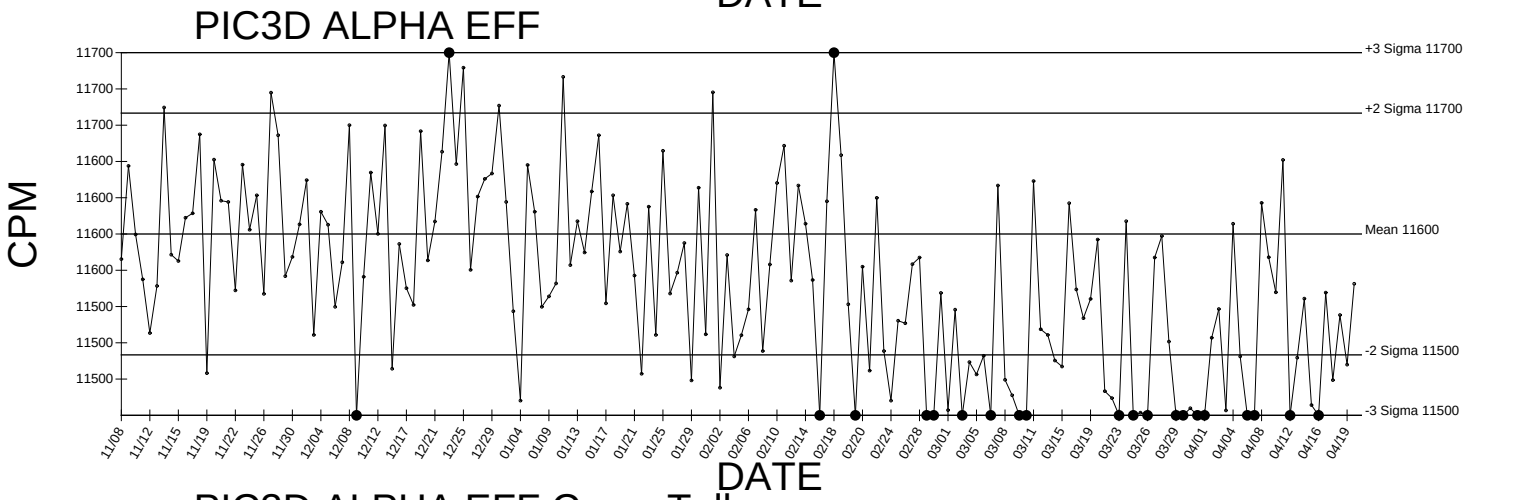

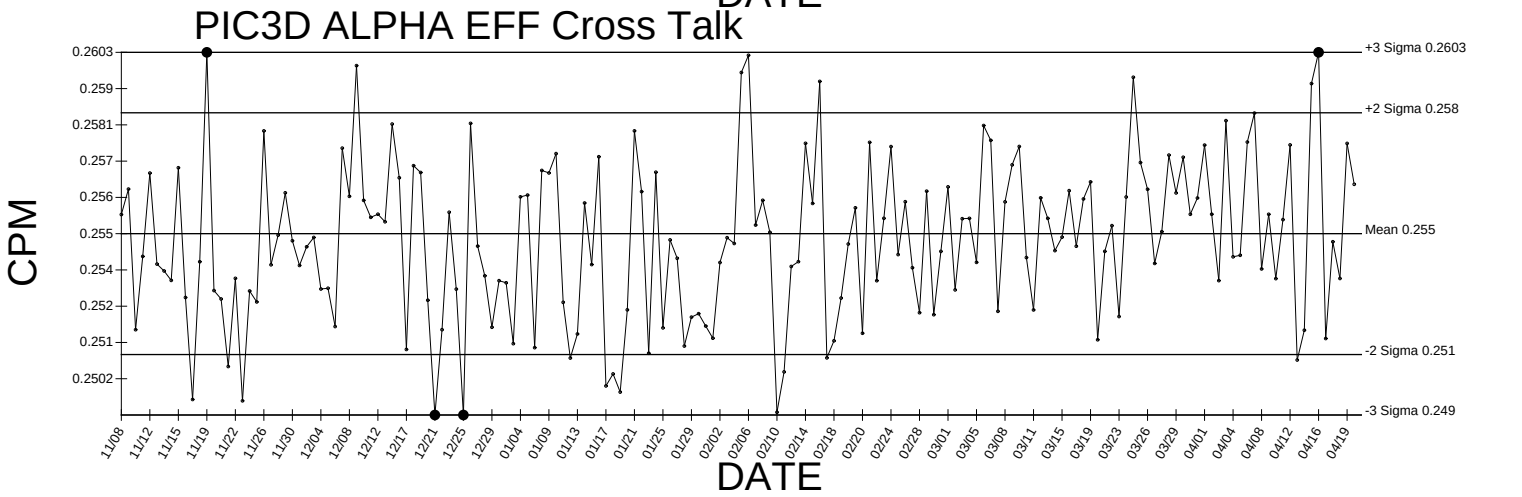

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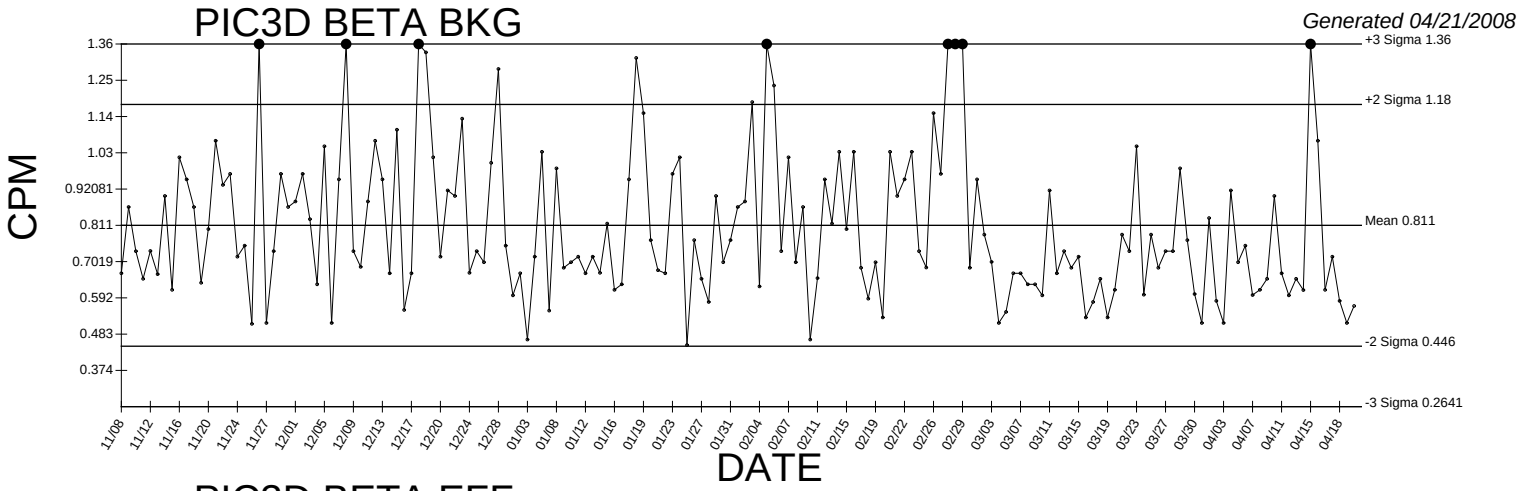

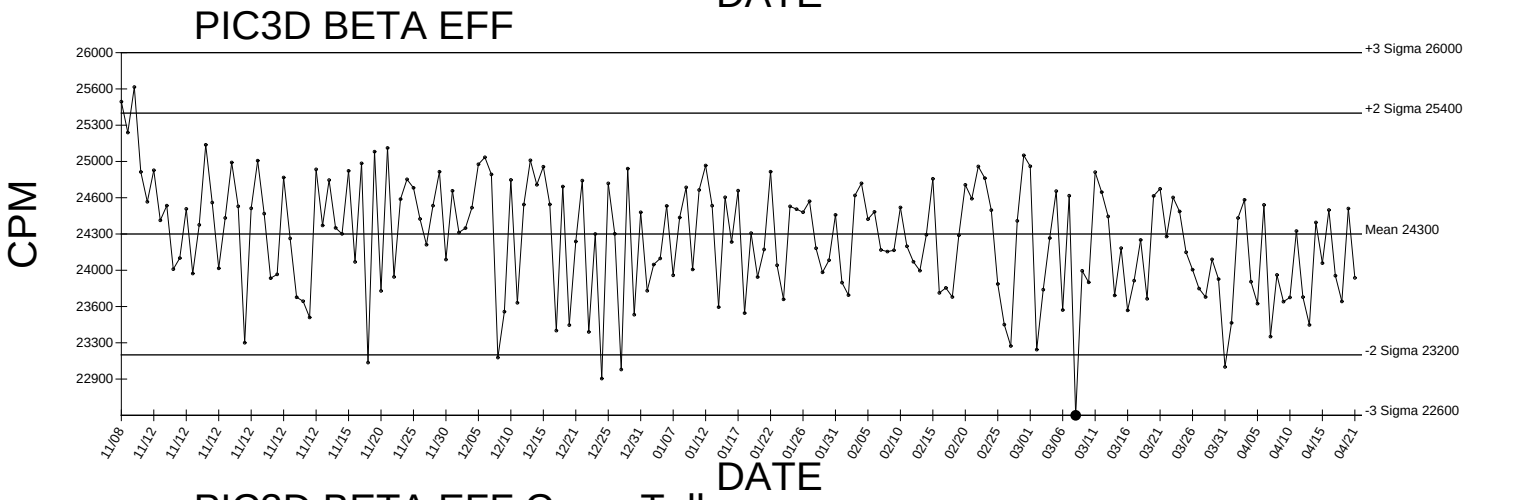

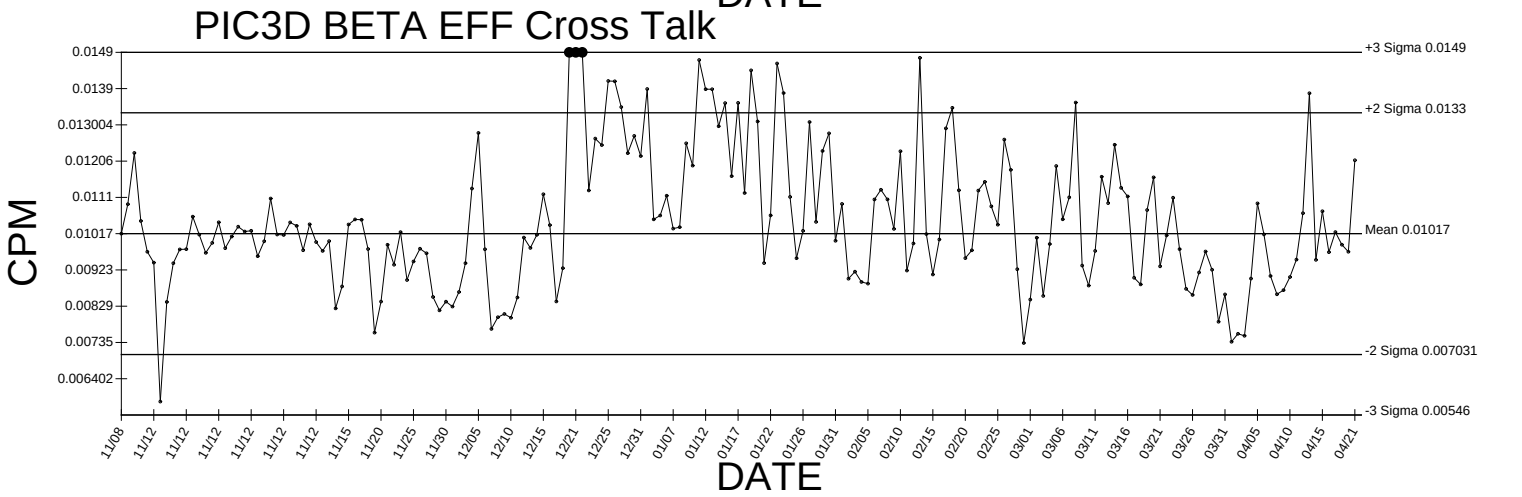

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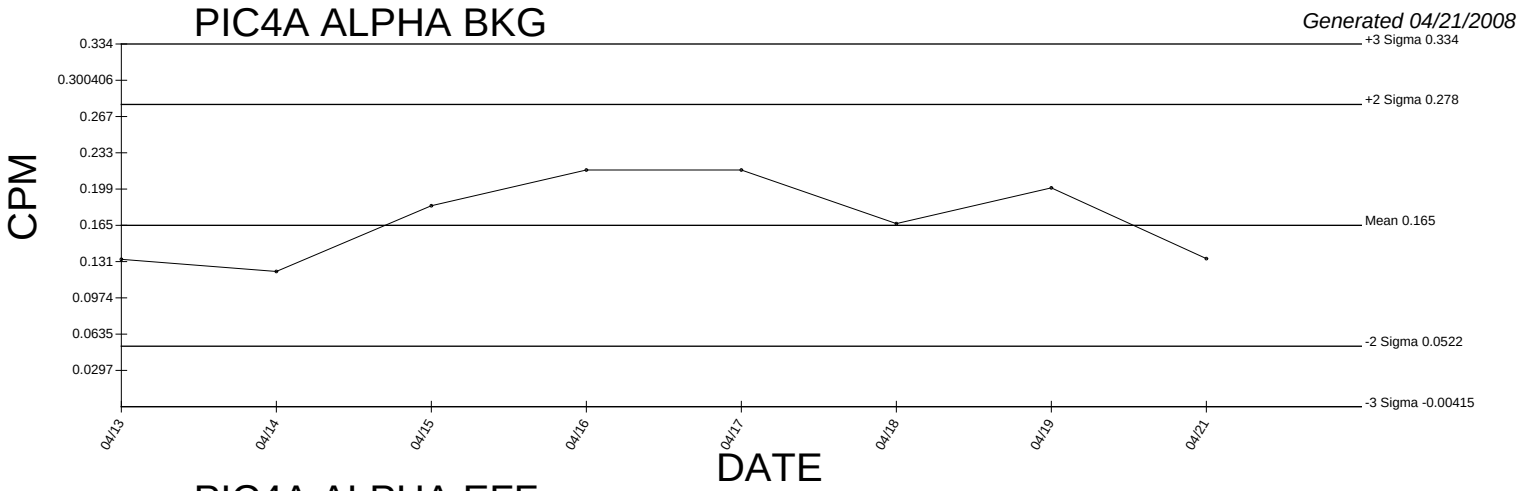

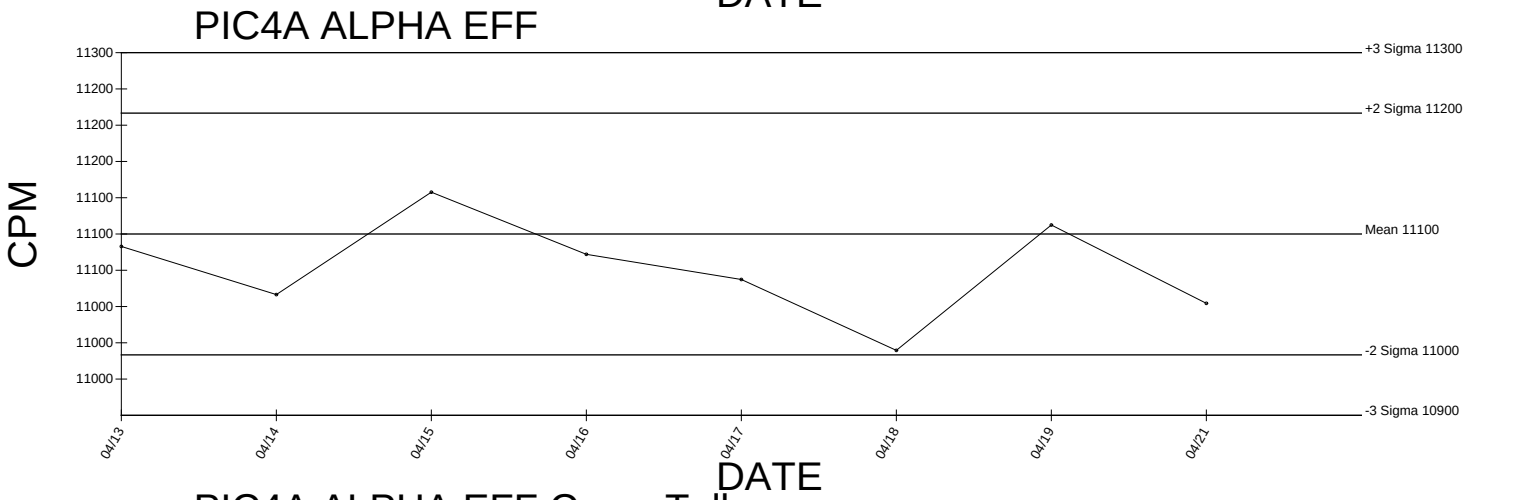

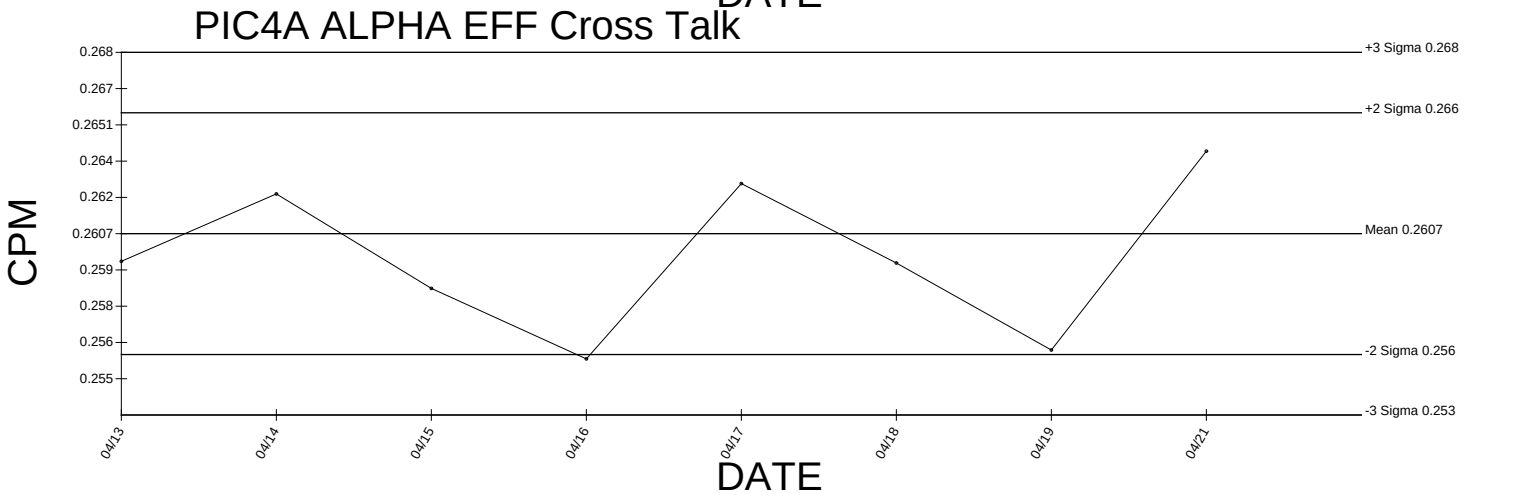

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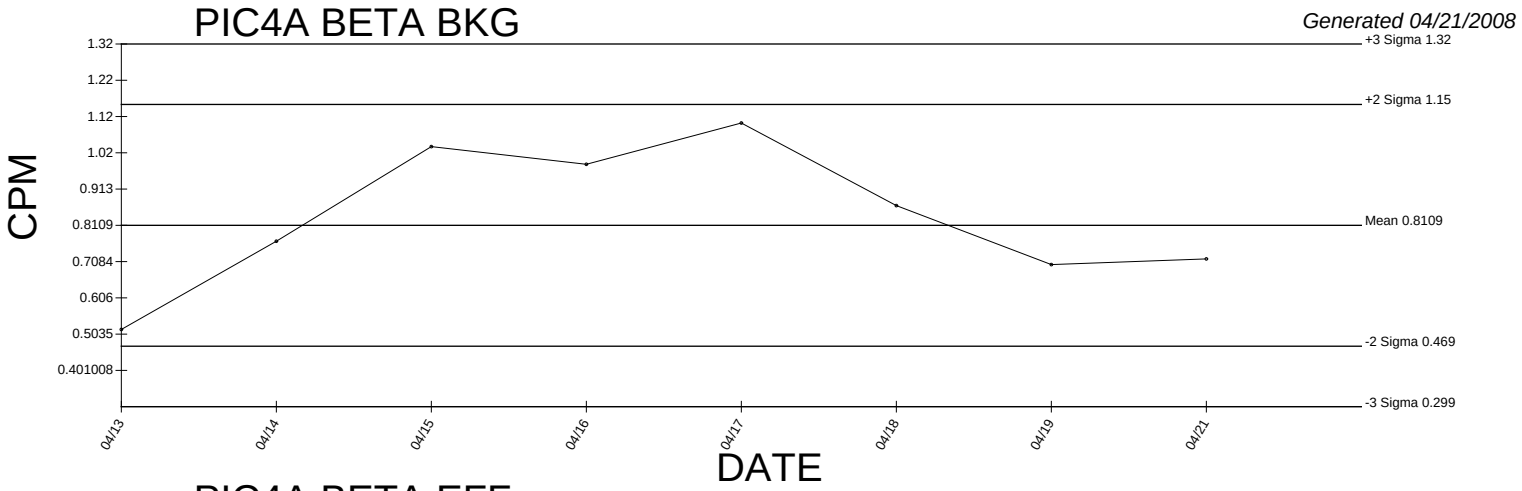

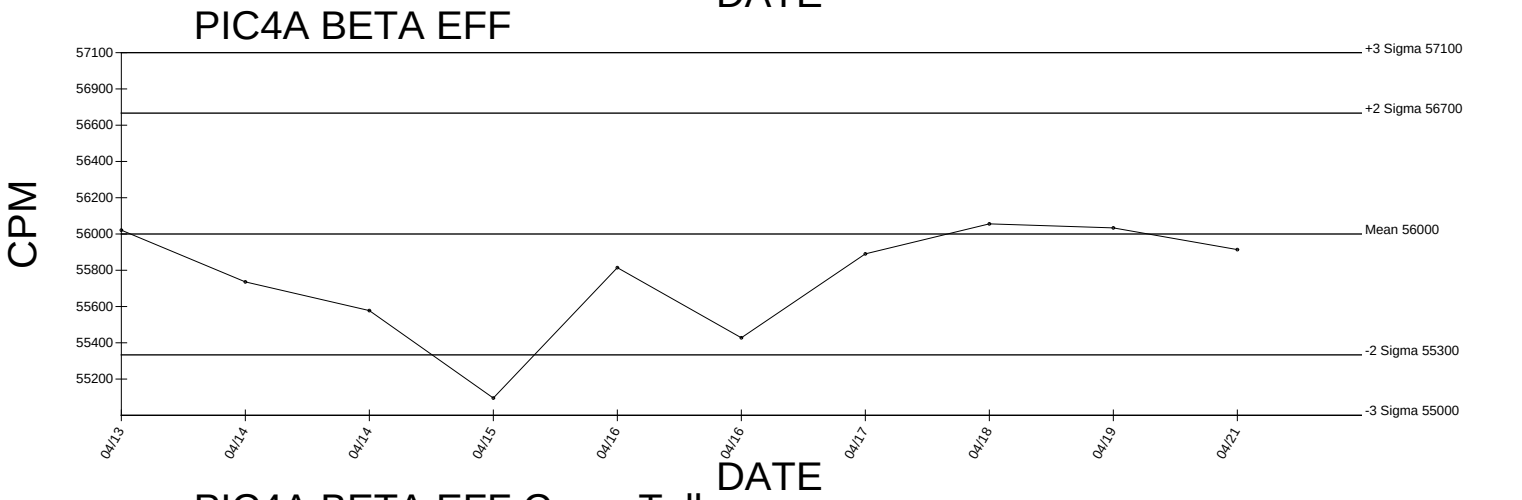

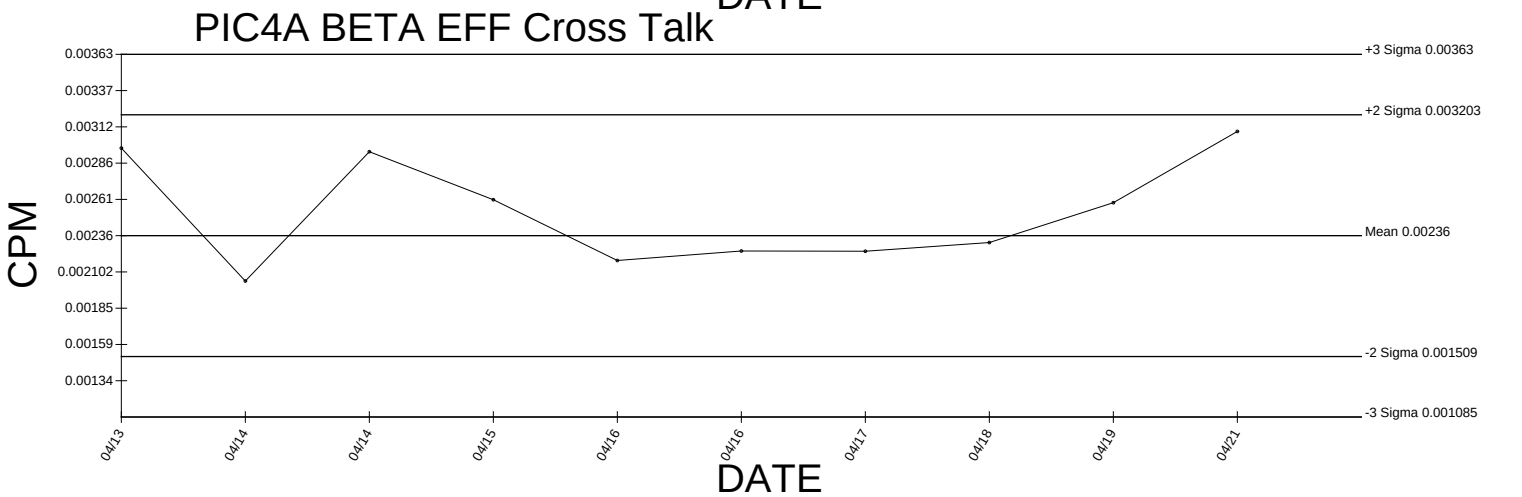

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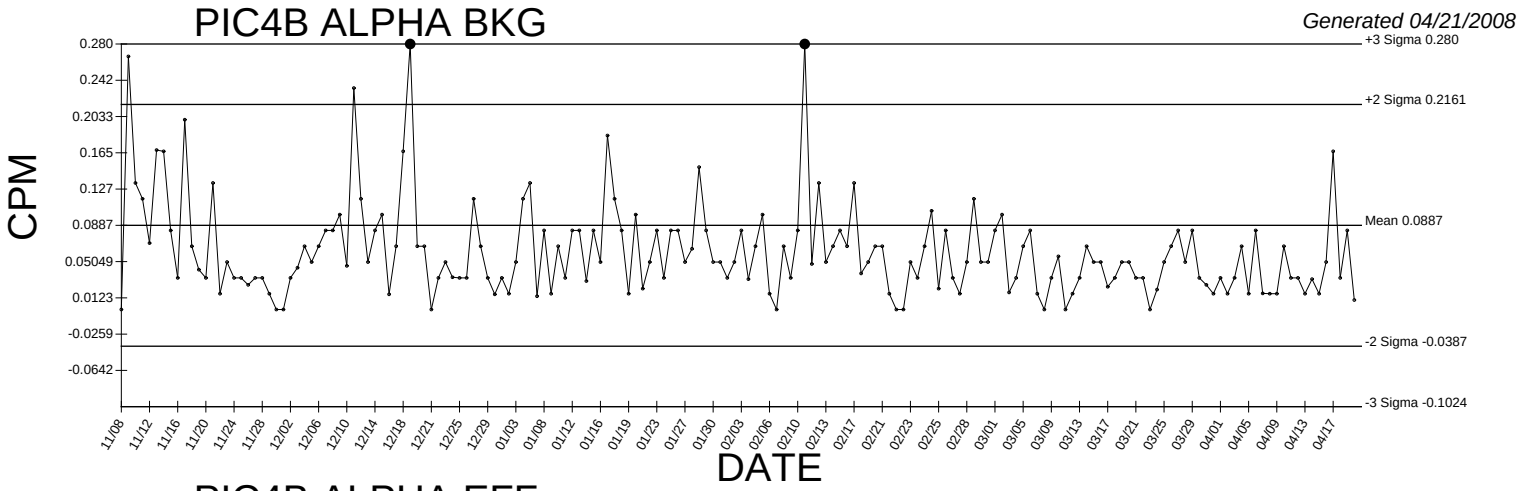

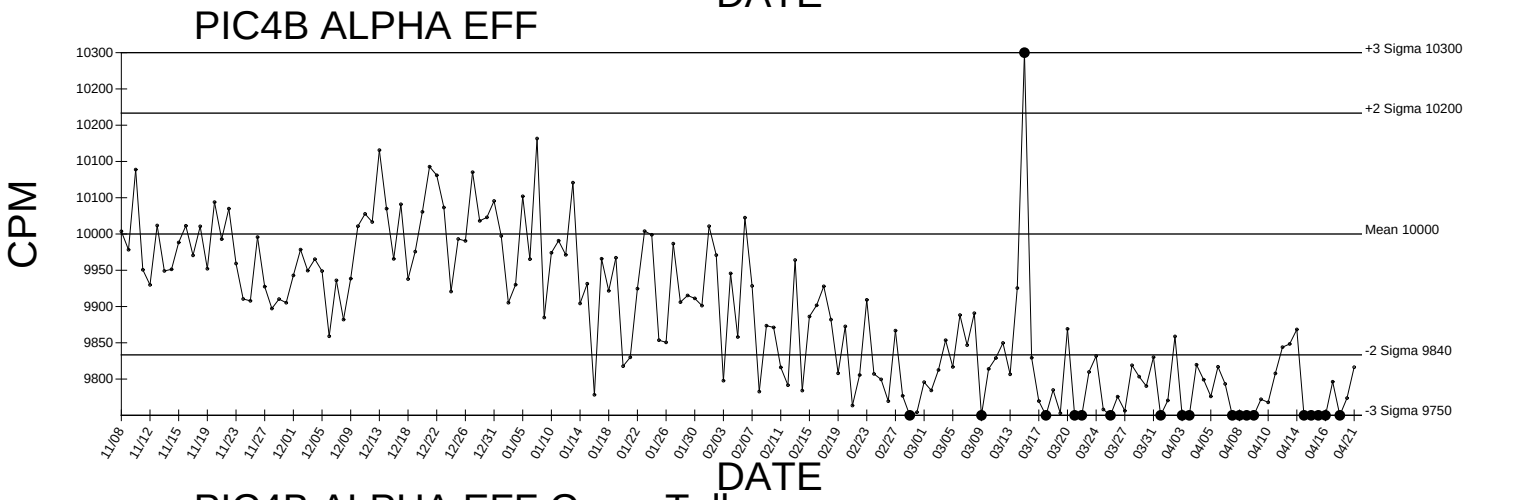

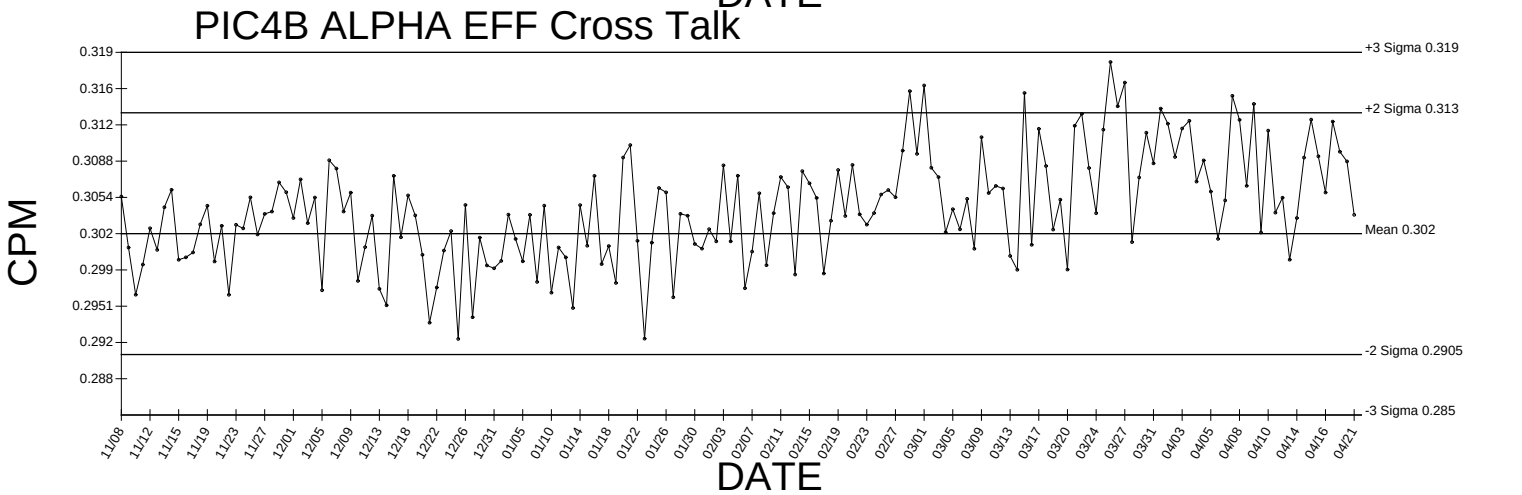

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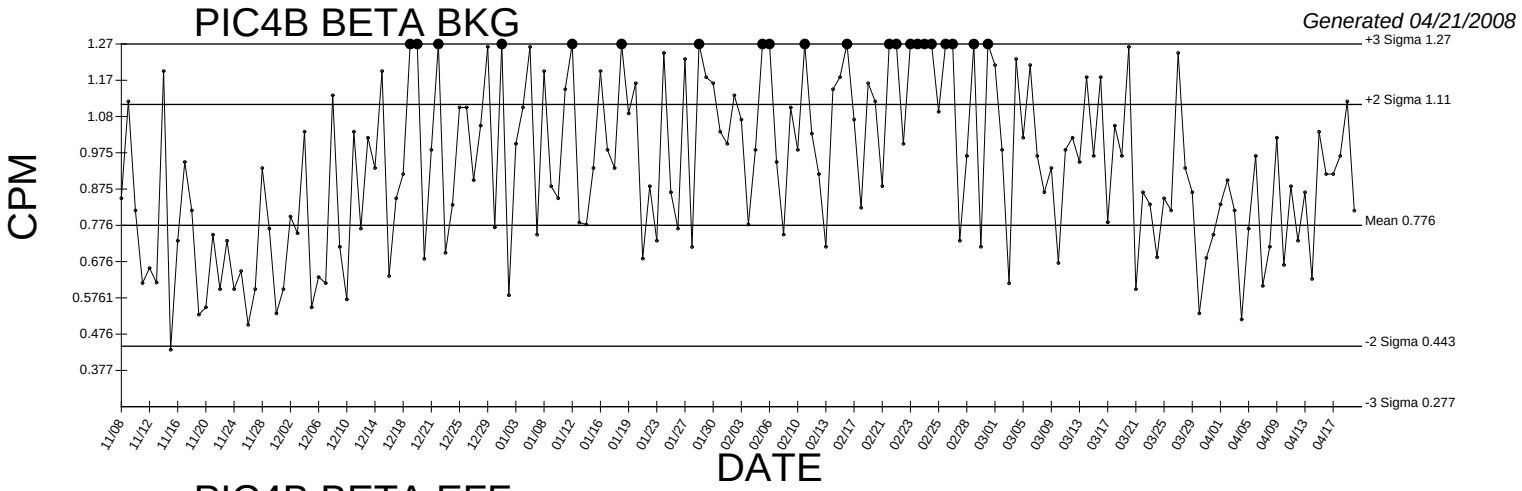

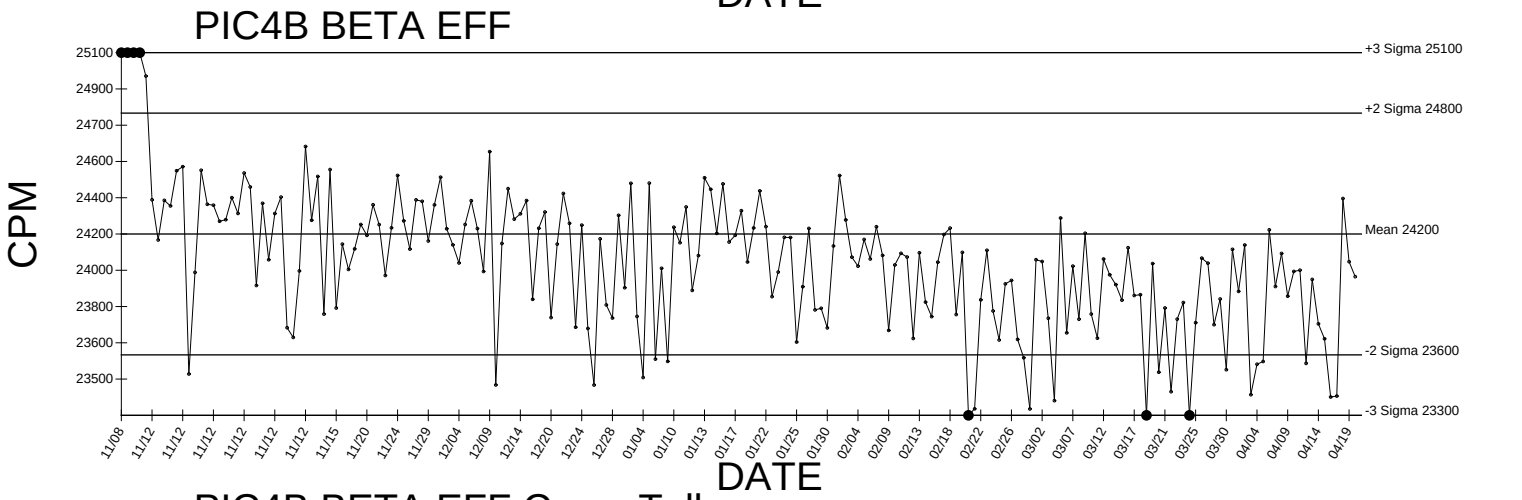

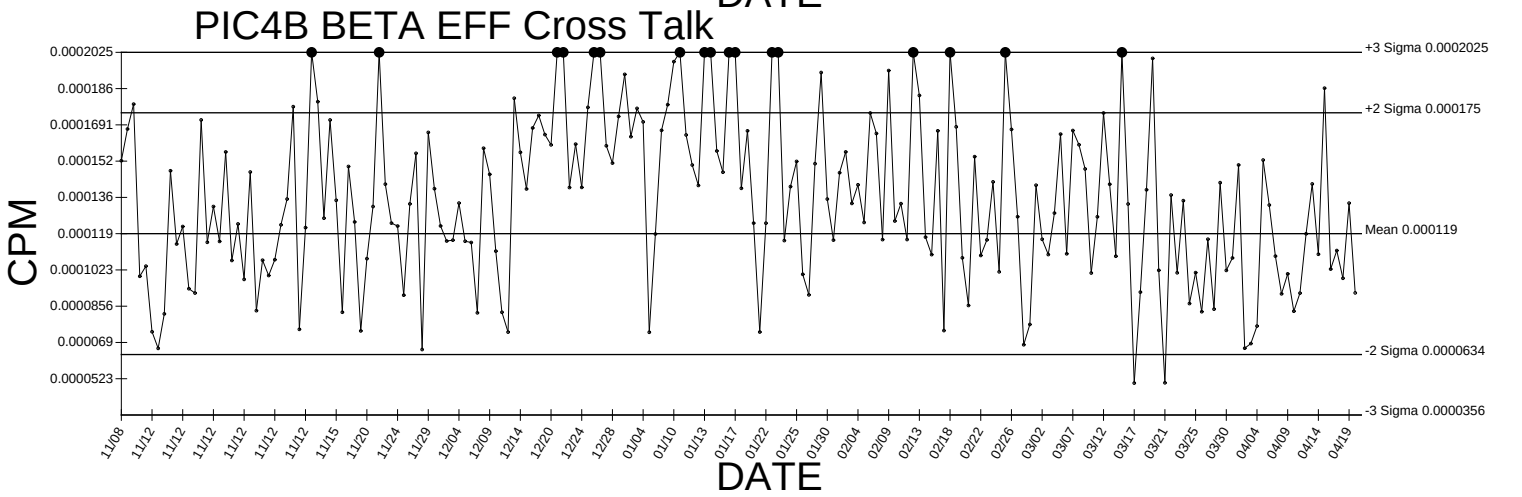

● Denotes Outlier

RUNLOGS

Instrument Run Log

Instrument Type: LUCAS CELL DETECTOR **Batch ID: 745792**

Sample ID	Sample Type	Analyst	Instrument	Run Date	Status	Geometry	Calibration Date
206533001	SAMPLE	KSD1	LUCAS1	25-APR-08 15:50	DONE	Lucas Cell	29-JUN-07 00:00
206533002	SAMPLE	KSD1	LUCAS2	25-APR-08 15:50	DONE	Lucas Cell	19-DEC-07 00:00
206533004	SAMPLE	KSD1	LUCAS4	25-APR-08 15:50	DONE	Lucas Cell	01-FEB-08 00:00
206533005	SAMPLE	KSD1	LUCAS5	25-APR-08 15:50	DONE	Lucas Cell	20-FEB-08 00:00
206533007	SAMPLE	KSD1	LUCAS1	25-APR-08 16:55	DONE	Lucas Cell	29-JUN-07 00:00
206533008	SAMPLE	KSD1	LUCAS2	25-APR-08 16:55	DONE	Lucas Cell	19-DEC-07 00:00
1201557930	MB	KSD1	LUCAS4	25-APR-08 16:55	DONE	Lucas Cell	01-FEB-08 00:00
1201557931	DUP	KSD1	LUCAS5	25-APR-08 16:55	DONE	Lucas Cell	20-FEB-08 00:00
1201557932	MS	KSD1	LUCAS1	25-APR-08 17:37	DONE	Lucas Cell	29-JUN-07 00:00
1201557933	LCS	KSD1	LUCAS2	25-APR-08 17:37	DONE	Lucas Cell	19-DEC-07 00:00
206533003	SAMPLE	KSD1	LUCAS3	25-APR-08 18:09	DONE	Lucas Cell	23-JAN-08 00:00
206533009	SAMPLE	KSD1	LUCAS3	25-APR-08 18:40	DONE	Lucas Cell	23-JAN-08 00:00

Instrument Run Log

Instrument Type: GFPC **Batch ID: 745869**

Sample ID	Sample Type	Analyst	Instrument	Run Date	Status	Geometry	Calibration Date
206533008	SAMPLE	BXF1	PIC3A	21-APR-08 16:48	DONE	CeF on 25mm Filter	17-MAY-07 00:00
206533009	SAMPLE	BXF1	PIC3B	21-APR-08 16:48	DONE	CeF on 25mm Filter	17-MAY-07 00:00
1201558129	MB	BXF1	PIC3C	21-APR-08 16:48	DONE	CeF on 25mm Filter	17-MAY-07 00:00
1201558130	DUP	BXF1	PIC3D	21-APR-08 16:48	DONE	CeF on 25mm Filter	17-MAY-07 00:00
1201558131	MS	BXF1	PIC4A	21-APR-08 16:48	DONE	CeF on 25mm Filter	17-MAY-07 00:00
1201558132	LCS	BXF1	PIC4B	21-APR-08 16:48	DONE	CeF on 25mm Filter	17-MAY-07 00:00
206533001	SAMPLE	BXF1	PIC1A	21-APR-08 16:48	DONE	CeF on 25mm Filter	17-MAY-07 00:00
206533002	SAMPLE	BXF1	PIC1B	21-APR-08 16:48	DONE	CeF on 25mm Filter	17-MAY-07 00:00
206533003	SAMPLE	BXF1	PIC1D	21-APR-08 16:48	DONE	CeF on 25mm Filter	17-MAY-07 00:00
206533004	SAMPLE	BXF1	PIC2A	21-APR-08 16:48	DONE	CeF on 25mm Filter	17-MAY-07 00:00
206533005	SAMPLE	BXF1	PIC2C	21-APR-08 16:48	DONE	CeF on 25mm Filter	17-MAY-07 00:00
206533007	SAMPLE	BXF1	PIC2D	21-APR-08 16:48	DONE	CeF on 25mm Filter	17-MAY-07 00:00

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Case Narrative

Case Narrative
for
de maximis, inc.
SDG: 206825

May 02, 2008

Laboratory Identification:

GEL Laboratories LLC
2040 Savage Road
Charleston, South Carolina 29407
(843) 556-8171

Summary

Sample Receipt The samples arrived at GEL Laboratories LLC, Charleston, South Carolina on April 17, 2008 for analysis. The samples were delivered with proper chain of custody documentation and signatures. All sample containers arrived without any visible signs of tampering or breakage. There are no additional comments concerning sample receipt. Shipping container temperature was within specification (4 +/- 2C).

Sample Identification The laboratory received the following samples:

Laboratory ID	Client ID
206825001	MC-48
206825002	MC-48 (FD)
206825003	MC-49
206825004	MC-46
206825005	MC-50
206825006	MC-51
206825007	MC-53
206825008	MC-47

Case Narrative

Sample analyses were conducted using methodology as outlined in GEL Laboratories, LLC (GEL) Standard Operating Procedures. Any technical or administrative problems during analysis, data review, and reduction are contained in the analytical case narratives in the enclosed data package.

Data Package

The enclosed data package contains the following sections: General Narrative, Chain of Custody and Supporting Documentation, and data from the following fractions: Radiochemistry.

Edith Kent

Project Manager

Chain of Custody and Supporting Documentation

Page: 1 of 1
Project #: 084310001 Task 00002
GEL Quote #:
COC Number [1]:
PO Number:

GEL Chain of Custody and Analytical Request

GEL Work Order Number: 206825?

GEL Laboratories, LLC
2040 Savage Road
Charleston, SC 29407
Phone: (843) 556-8171
Fax: (843) 766-1178

Client Name: Demaximis Inc. Phone #: (619) 546-8377

Project/Site Name: GWTS Tra-Sect Sampling Fax #:

Address: 1322 Scott street Suite 101 San Diego CA 92106

Collected by: Doug Bell Send Results To: Ed Modiano

Sample Analysis Requested [5] (Fill in the number of containers for each test)

Sample ID (* For composites - indicate start and stop date/time)	*Date Collected (mm-dd-yy)	*Time Collected (Military) (hhmm)	QC Code [2]	Field Filtered [3]	Sample Matrix [4]	Should this sample be considered: Radioactive	Should this sample be considered: TSC-A Regulated	Total number of containers	RV									<-- Preservative Type (6)
mc-48	4-16-08	08:40			water			2	1									
mc-48 (FD)		08:40																
mc-49		09:22																
mc-46		010:13																
mc-50		011:20																
mc-51		12:05																
mc-53		13:10																
mc-47		13:45																

Comments
Note: extra sample is required for sample specific QC

TAT Requested: Normal: ✓ Rush: Specify: _____ (Subject to Surcharge) Fax Results: Yes / No Circle Deliverable: C of A / QC Summary / Level 1 / Level 2 / Level 3 / Level 4

Remarks: *Are there any known hazards applicable to these samples? If so, please list the hazards*

Sample Collection Time Zone
Eastern ~~Pacific~~
Central Other _____
Mountain

Chain of Custody Signatures

Relinquished By (Signed)	Date	Time	Received By (signed)	Date	Time
1 David Ortega	4-16-08	3:30	1 [illegible]	4-17-08	1330
2			2		
3			3		

Sample Shipping and Delivery Details

GEL PM:
Method of Shipment: Date Shipped:
Airbill #:
Airbill #:

1.) Chain of Custody Number = Client Determined
2.) QC Codes: **N** = Normal Sample, **TB** = Trip Blank, **FD** = Field Duplicate, **EB** = Equipment Blank, **MS** = Matrix Spike Sample, **MSD** = Matrix Spike Duplicate Sample, **G** = Grab, **C** = Composite
3.) Field Filtered: For liquid matrices, indicate with a - **Y** - for yes the sample was field filtered or - **N** - for sample was not field filtered.
4.) Matrix Codes: **DW**=Drinking Water, **GW**=Groundwater, **SW**=Surface Water, **WW**=Waste Water, **W**=Water, **SO**=Soil, **SD**=Sediment, **SL**=Sludge, **SS**=Solid Waste, **O**=Oil, **F**=Filter, **P**=Wipe, **U**=Urine, **F**=Fecal, **N**=Nasal
5.) Sample Analysis Requested: Analytical method requested (i.e. **8260B**, **6010B/7470A**) and number of containers provided for each (i.e. *8260B* - 3, *6010B/7470A* - 1).
6.) Preservative Type: **HA** = Hydrochloric Acid, **NI** = Nitric Acid, **SH** = Sodium Hydroxide, **SA** = Sulfuric Acid, **AA** = Ascorbic Acid, **HX** = Hexane, **ST** = Sodium Thiosulfate, If no preservative is added = leave field blank

For Lab Receiving Use Only
Custody Seal Intact? YES NO
Cooler Temp: 4 C

WHITE = LABORATORY **YELLOW = FILE** **PINK = CLIENT**

GEL Laboratories LLC

SAMPLE RECEIPT & REVIEW FORM

Client: DeMax/Converse	**SDG/ARCOC/Work Order:**
Received By: MK	**Date Received:** 4-17-08

Suspected Hazard Information	Yes	No	*If Counts > x2 area background on samples not marked "radioactive", contact the Radiation Safety Group of further investigation.
Marked as radioactive?		✓	Maximum Counts Observed*: Un 20
Classified Radioactive II by RSO?		✓	
Marked containing PCBs?		✓	
Shipped as a DOT Hazardous?		✓	Hazard Class Shipped: UN#:
Identified as Foreign Soil?		✓	

	Sample Receipt Criteria	Yes	NA	No	Comments/Qualifiers (Required for Non-Conforming Items)
1	Shipping containers received intact and sealed?	✓			Circle Applicable: seals broken damaged container leaking container other (describe)
2	Samples requiring cold preservation within (4 +/- 2 C)?	✓			Preservation Method: 4C ice bags blue ice dry ice none other (describe)
3	Chain of custody documents included with shipment?	✓			
4	Sample containers intact and sealed?	✓			Circle Applicable: seals broken damaged container leaking container other (describe)
5	Samples requiring chemical preservation at proper pH?		✓		Sample ID's, containers affected and observed pH: If Preservation added, Lot#:
6	VOA vials free of headspace (defined as < 6mm bubble)?	✓			Sample ID's and containers affected: RADON
7	Are Encore containers present?			✓	(If yes, immediately deliver to Volatiles laboratory)
8	Samples received within holding time?	✓			Id's and tests affected:
9	Sample ID's on COC match ID's on bottles?	✓			Sample ID's and containers affected:
10	Date & time on COC match date & time on bottles?	✓			Sample ID's affected:
11	Number of containers received match number indicated on COC?	✓			Sample ID's affected: 2 Per ID
12	COC form is properly signed in relinquished/received sections?	✓			

Comments:

FX 8250 7992 0635

PM (or PMA) review: Initials EML Date 4/

Data Package Qualifier Definitions

Data Review Qualifier Definitions

Qualifier	Explanation
*	A quality control analyte recovery is outside of specified acceptance criteria
**	Analyte is a surrogate compound
<	Result is less than value reported
>	Result is greater than value reported
^	RPD of sample and duplicate evaluated using +/-RL. Concentrations are <5X the RL
A	The TIC is a suspected aldol-condensation product
B	Target analyte was detected in the associated blank
B	Metals-Either presence of analyte detected in the associated blank, or MDL/IDL < sample value < PQL
BD	Results are either below the MDC or tracer recovery is low
C	Analyte has been confirmed by GC/MS analysis
D	Results are reported from a diluted aliquot of the sample
d	5-day BOD-The 2:1 depletion requirement was not met for this sample
E	Organics-Concentration of the target analyte exceeds the instrument calibration range
E	Metals-%difference of sample and SD is >10%. Sample concentration must meet flagging criteria
H	Analytical holding time was exceeded
h	Preparation or preservation holding time was exceeded
J	Value is estimated
N	Metals-The Matrix spike sample recovery is not within specified control limits
N	Organics-Presumptive evidence based on mass spectral library search to make a tentative identification of the analyte (TIC). Quantitation is based on nearest internal standard response factor
N/A	Spike recovery limits do not apply. Sample concentration exceeds spike concentration by 4X or more
ND	Analyte concentration is not detected above the reporting limit
UI	Gamma Spectroscopy-Uncertain identification
X	Consult Case Narrative, Data Summary package, or Project Manager concerning this qualifier
Y	QC Samples were not spiked with this compound
Z	Paint Filter Test-Particulates passed through the filter, however no free liquids were observed.

Laboratory Certifications

List of current GEL Certifications as of 02 May 2008

State	Certification
Alaska	UST-062
Arizona	AZ0668
Arkansas	88-0651
CLIA	42D0904046
California	01151CA
Colorado	GenEngLabs
Connecticut	PH-0169
Dept. of Navy	NFESC 413
EPA	WG-15J
Florida/NELAP	E87156
Georgia	E87156 (FL/NELAP)
Hawaii	N/A
Idaho	N/A
Illinois	200029
Indiana	C-SC-01
Kansas	E-10332
Kentucky	90129
Louisiana	03046
Maryland	270
Massachusetts	M-SC012
Michigan	9903
Nevada	SC12
New Jersey	SC002
New Mexico	FL NELAP E87156
New York	11501
North Carolina	233
North Carolina Drinking W	45709
North Dakota	R-158
Oklahoma	9904
Pennsylvania	68-00485
South Carolina	10120001/10585001/10120002
Tennessee	02934
Texas NELAP	T104704235-07-TX
U.S. Dept. of Agriculture	S-52597
US Army Corps of Engineer	N/A
Utah	8037697376 GEL
Vermont	VT87156
Virginia	00151
Washington	C1641

RADIOLOGICAL ANALYSIS

Radiochemistry Case Narrative
de maximis, inc. (DMAX)
SDG 206825

Method/Analysis Information

Product:	**Liquid Scint Rn222, Liquid**
Analytical Method:	SM 7500 Rn B
Analytical Batch Number:	746515

Sample ID	Client ID
206825001	MC-48
206825002	MC-48 (FD)
206825003	MC-49
206825004	MC-46
206825005	MC-50
206825006	MC-51
206825007	MC-53
206825008	MC-47
1201559451	Method Blank (MB)
1201559452	206825001(MC-48) Sample Duplicate (DUP)
1201559453	206825001(MC-48) Matrix Spike (MS)
1201559454	Laboratory Control Sample (LCS)

The samples in this SDG were analyzed on an "as received" basis.

SOP Reference
Procedure for preparation, analysis and reporting of analytical data are controlled by GEL Laboratories LLC as Standard Operating Procedure (SOP). The data discussed in this narrative has been analyzed in accordance with GL-RAD-A-007 REV# 9.

Calibration Information:

Calibration Information
All initial and continuing calibration requirements have been met.

Standards Information
Standard solution(s) for these analyses are NIST traceable and used before the expiration date(s).

Sample Geometry
All counting sources were prepared in the same geometry as the calibration standards.

Quality Control (QC) Information:

Blank Information
The blank volume is representative of the sample volume in this batch.

Designated QC
The following sample was used for QC: 206825001 (MC-48).

QC Information
All of the QC samples met the required acceptance limits.

Technical Information:

Holding Time
All sample procedures for this sample set were performed within the required holding time.

Preparation Information
All preparation criteria have been met for these analyses.

Sample Re-prep/Re-analysis
None of the samples in this sample set required reprep or reanalysis.

Miscellaneous Information:

NCR Documentation
Nonconformance reports are generated to document any procedural anomalies that may deviate from referenced SOP or contractual documents. A nonconformance report (NCR) was not generated for this SDG.

Additional Comments
Additional comments were not required for this sample set.

Qualifier information

Manual qualifiers were not required.

Certification Statement

Where the analytical method has been performed under NELAP certification, the analysis has met all of the requirements of the NELAC standard unless otherwise noted in the analytical case narrative.

Review Validation:

GEL requires all analytical data to be verified by a qualified data validator. In addition, all data designated for CLP or CLP-like packaging will receive a third level validation upon completion of the data package.

The following data validator verified the information presented in this case narrative:

Reviewer/Date: Pamela Wilkes 5/5/08

SAMPLE DATA SUMMARY

GEL LABORATORIES LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis Report
for

DMAX005 de maximis, inc.

Client SDG: 206825 GEL Work Order: 206825

The Qualifiers in this report are defined as follows:

* Recovery or %RPD not within acceptance limits and/or spike amount not compatible with the sample or the duplicate RPD's are not applicable where the concentration falls below the effective PQL.

** Indicates analyte is a surrogate compound.

U The analyte was analyzed for but not detected below this concentration. For Organic and Inorganic analytes the result is less than the effective MDL. For radiochemical analytes the result is less than the Decision Level

Where the analytical method has been performed under NELAP certification, the analysis has met all of the requirements of the NELAC standard unless qualified on the Certificate of Analysis.

The designation ND, if present, appears in the result column when the analyte concentration is not detected above the detection limit.

This data report has been prepared and reviewed in accordance with GEL Laboratories LLC standard operating procedures. Please direct any questions to your Project Manager, Edith Kent.

Reviewed by

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : de maximis, inc.
Address : 1322 Scott Street
Suite 101
San Diego, California 92106
Contact: Mr. Ed Modiano
Project: Quarterly Transect Sampling

Report Date: May 5, 2008

Client Sample ID:	MC-48	Project:	DMAX00108
Sample ID:	206825001	Client ID:	DMAX005
Matrix:	Water		
Collect Date:	16-APR-08		
Receive Date:	17-APR-08		
Collector:	Client		

Parameter	Qualifier	Result	Uncertainty	DL	TPU	RL	Units	DF	Analyst	Date	Time	Batch	Mtd.
Rad Liquid Scintillation Analysis													
Liquid Scint Rn222, Liquid "As Received"													
Radon-222		931	+/-77.1	68.1	+/-217	200	pCi/L		MXP1	04/18/08	1932	746515	1

The following Analytical Methods were performed

Method	Description
1	SM 7500 Rn B

Notes:

The Qualifiers in this report are defined as follows :

* Recovery or %RPD not within acceptance limits and/or spike amount not compatible with the sample or the duplicate RPD's are not applicable where the concentration falls below the effective PQL.
** Indicates analyte is a surrogate compound.
B The analyte was found in the blank above the effective MDL.
H Analytical holding time was exceeded
J Estimated value, the analyte concentration fell above the effective MDL and below the effective PQL
U The analyte was analyzed for but not detected below this concentration. For Organic and Inorganic analytes the result is less than the effective MDL. For radiochemical analytes the result is less than the Decision Level
X Data rejected due to interference.
X Data rejected due to low abundance.
X Data rejected due to no valid peak.
X Uncertain identification for gamma spectroscopy.
h Prep holding time exceeded
The above sample is reported on an "as received" basis.

GEL LABORATORIES LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : de maximis, inc.
Address : 1322 Scott Street
Suite 101
San Diego, California 92106
Contact: Mr. Ed Modiano
Project: Quarterly Transect Sampling

Report Date: May 5, 2008

Client Sample ID:	MC-48 (FD)	Project:	DMAX00108
Sample ID:	206825002	Client ID:	DMAX005
Matrix:	Water		
Collect Date:	16-APR-08		
Receive Date:	17-APR-08		
Collector:	Client		

Parameter	Qualifier	Result	Uncertainty	DL	TPU	RL	Units	DF	Analyst	Date	Time	Batch	Mtd.
Rad Liquid Scintillation Analysis													
Liquid Scint Rn222, Liquid "As Received"													
Radon-222		855	+/-74.8	68.2	+/-201	200	pCi/L		MXP1	04/18/08	1948	746515	1

The following Analytical Methods were performed

Method	Description
1	SM 7500 Rn B

Notes:

The Qualifiers in this report are defined as follows :

* Recovery or %RPD not within acceptance limits and/or spike amount not compatible with the sample or the duplicate RPD's are not applicable where the concentration falls below the effective PQL.
** Indicates analyte is a surrogate compound.
B The analyte was found in the blank above the effective MDL.
H Analytical holding time was exceeded
J Estimated value, the analyte concentration fell above the effective MDL and below the effective PQL
U The analyte was analyzed for but not detected below this concentration. For Organic and Inorganic analytes the result is less than the effective MDL. For radiochemical analytes the result is less than the Decision Level
X Data rejected due to interference.
X Data rejected due to low abundance.
X Data rejected due to no valid peak.
X Uncertain identification for gamma spectroscopy.
h Prep holding time exceeded
The above sample is reported on an "as received" basis.

GEL LABORATORIES LLC

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Certificate of Analysis

Company : de maximis, inc.
Address : 1322 Scott Street
Suite 101
San Diego, California 92106
Contact: Mr. Ed Modiano
Project: Quarterly Transect Sampling

Report Date: May 5, 2008

Client Sample ID:	MC-49	Project:	DMAX00108
Sample ID:	206825003	Client ID:	DMAX005
Matrix:	Water		
Collect Date:	16-APR-08		
Receive Date:	17-APR-08		
Collector:	Client		

Parameter	Qualifier	Result	Uncertainty	DL	TPU	RL	Units	DF	Analyst	Date	Time	Batch	Mtd.
Rad Liquid Scintillation Analysis													
Liquid Scint Rn222, Liquid "As Received"													
Radon-222		754	+/-71.3	68.0	+/-179	200	pCi/L		MXP1	04/18/08	2005	746515	1

The following Analytical Methods were performed

Method	Description
1	SM 7500 Rn B

Notes:

The Qualifiers in this report are defined as follows :

* Recovery or %RPD not within acceptance limits and/or spike amount not compatible with the sample or the duplicate RPD's are not applicable where the concentration falls below the effective PQL.
** Indicates analyte is a surrogate compound.
B The analyte was found in the blank above the effective MDL.
H Analytical holding time was exceeded
J Estimated value, the analyte concentration fell above the effective MDL and below the effective PQL
U The analyte was analyzed for but not detected below this concentration. For Organic and Inorganic analytes the result is less than the effective MDL. For radiochemical analytes the result is less than the Decision Level
X Data rejected due to interference.
X Data rejected due to low abundance.
X Data rejected due to no valid peak.
X Uncertain identification for gamma spectroscopy.
h Prep holding time exceeded
The above sample is reported on an "as received" basis.

GEL LABORATORIES LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : de maximis, inc.
Address : 1322 Scott Street
Suite 101
San Diego, California 92106
Contact: Mr. Ed Modiano
Project: Quarterly Transect Sampling

Report Date: May 5, 2008

Client Sample ID:	MC-46	Project:	DMAX00108
Sample ID:	206825004	Client ID:	DMAX005
Matrix:	Water		
Collect Date:	16-APR-08		
Receive Date:	17-APR-08		
Collector:	Client		

Parameter	Qualifier	Result	Uncertainty	DL	TPU	RL	Units	DF	Analyst	Date	Time	Batch	Mtd.
Rad Liquid Scintillation Analysis													
Liquid Scint Rn222, Liquid "As Received"													
Radon-222		584	+/-65.1	67.7	+/-143	200	pCi/L		MXP1	04/18/08	2021	746515	1

The following Analytical Methods were performed

Method	Description
1	SM 7500 Rn B

Notes:

The Qualifiers in this report are defined as follows :

* Recovery or %RPD not within acceptance limits and/or spike amount not compatible with the sample or the duplicate RPD's are not applicable where the concentration falls below the effective PQL.
** Indicates analyte is a surrogate compound.
B The analyte was found in the blank above the effective MDL.
H Analytical holding time was exceeded
J Estimated value, the analyte concentration fell above the effective MDL and below the effective PQL
U The analyte was analyzed for but not detected below this concentration. For Organic and Inorganic analytes the result is less than the effective MDL. For radiochemical analytes the result is less than the Decision Level
X Data rejected due to interference.
X Data rejected due to low abundance.
X Data rejected due to no valid peak.
X Uncertain identification for gamma spectroscopy.
h Prep holding time exceeded
The above sample is reported on an "as received" basis.

GEL LABORATORIES LLC

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Certificate of Analysis

Company : de maximis, inc.
Address : 1322 Scott Street
Suite 101
San Diego, California 92106
Contact: Mr. Ed Modiano
Project: Quarterly Transect Sampling

Report Date: May 5, 2008

Client Sample ID:	MC-50	Project:	DMAX00108
Sample ID:	206825005	Client ID:	DMAX005
Matrix:	Water		
Collect Date:	16-APR-08		
Receive Date:	17-APR-08		
Collector:	Client		

Parameter	Qualifier	Result	Uncertainty	DL	TPU	RL	Units	DF	Analyst	Date	Time	Batch	Mtd.
Rad Liquid Scintillation Analysis													
Liquid Scint Rn222, Liquid "As Received"													
Radon-222		502	+/-61.8	67.3	+/-126	200	pCi/L		MXP1	04/18/08	2037	746515	1

The following Analytical Methods were performed

Method	Description
1	SM 7500 Rn B

Notes:

The Qualifiers in this report are defined as follows :

* Recovery or %RPD not within acceptance limits and/or spike amount not compatible with the sample or the duplicate RPD's are not applicable where the concentration falls below the effective PQL.
** Indicates analyte is a surrogate compound.
B The analyte was found in the blank above the effective MDL.
H Analytical holding time was exceeded
J Estimated value, the analyte concentration fell above the effective MDL and below the effective PQL
U The analyte was analyzed for but not detected below this concentration. For Organic and Inorganic analytes the result is less than the effective MDL. For radiochemical analytes the result is less than the Decision Level
X Data rejected due to interference.
X Data rejected due to low abundance.
X Data rejected due to no valid peak.
X Uncertain identification for gamma spectroscopy.
h Prep holding time exceeded
The above sample is reported on an "as received" basis.

GEL LABORATORIES LLC

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Certificate of Analysis

Company : de maximis, inc.
Address : 1322 Scott Street
Suite 101
San Diego, California 92106
Contact: Mr. Ed Modiano
Project: Quarterly Transect Sampling

Report Date: May 5, 2008

Client Sample ID: MC-51
Sample ID: 206825006
Matrix: Water
Collect Date: 16-APR-08
Receive Date: 17-APR-08
Collector: Client

Project: DMAX00108
Client ID: DMAX005

Parameter	Qualifier	Result	Uncertainty	DL	TPU	RL	Units	DF	Analyst	Date	Time	Batch	Mtd.
Rad Liquid Scintillation Analysis													
Liquid Scint Rn222, Liquid "As Received"													
Radon-222		1040	+/-79.6	67.0	+/-240	200	pCi/L		MXP1	04/18/08	2054	746515	1

The following Analytical Methods were performed

Method	Description
1	SM 7500 Rn B

Notes:

The Qualifiers in this report are defined as follows :

* Recovery or %RPD not within acceptance limits and/or spike amount not compatible with the sample or the duplicate RPD's are not applicable where the concentration falls below the effective PQL.
** Indicates analyte is a surrogate compound.
B The analyte was found in the blank above the effective MDL.
H Analytical holding time was exceeded
J Estimated value, the analyte concentration fell above the effective MDL and below the effective PQL
U The analyte was analyzed for but not detected below this concentration. For Organic and Inorganic analytes the result is less than the effective MDL. For radiochemical analytes the result is less than the Decision Level
X Data rejected due to interference.
X Data rejected due to low abundance.
X Data rejected due to no valid peak.
X Uncertain identification for gamma spectroscopy.
h Prep holding time exceeded
The above sample is reported on an "as received" basis.

GEL LABORATORIES LLC

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Certificate of Analysis

Company : de maximis, inc.
Address : 1322 Scott Street
Suite 101
San Diego, California 92106
Contact: Mr. Ed Modiano
Project: Quarterly Transect Sampling

Report Date: May 5, 2008

Client Sample ID:	MC-53	Project:	DMAX00108
Sample ID:	206825007	Client ID:	DMAX005
Matrix:	Water		
Collect Date:	16-APR-08		
Receive Date:	17-APR-08		
Collector:	Client		

Parameter	Qualifier	Result	Uncertainty	DL	TPU	RL	Units	DF	Analyst	Date	Time	Batch	Mtd.
Rad Liquid Scintillation Analysis													
Liquid Scint Rn222, Liquid "As Received"													
Radon-222		947	+/-76.6	66.6	+/-220	200	pCi/L		MXP1	04/18/08	2110	746515	1

The following Analytical Methods were performed

Method	Description
1	SM 7500 Rn B

Notes:

The Qualifiers in this report are defined as follows :

* Recovery or %RPD not within acceptance limits and/or spike amount not compatible with the sample or the duplicate RPD's are not applicable where the concentration falls below the effective PQL.
** Indicates analyte is a surrogate compound.
B The analyte was found in the blank above the effective MDL.
H Analytical holding time was exceeded
J Estimated value, the analyte concentration fell above the effective MDL and below the effective PQL
U The analyte was analyzed for but not detected below this concentration. For Organic and Inorganic analytes the result is less than the effective MDL. For radiochemical analytes the result is less than the Decision Level
X Data rejected due to interference.
X Data rejected due to low abundance.
X Data rejected due to no valid peak.
X Uncertain identification for gamma spectroscopy.
h Prep holding time exceeded
The above sample is reported on an "as received" basis.

GEL LABORATORIES LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : de maximis, inc.
Address : 1322 Scott Street
Suite 101
San Diego, California 92106
Contact: Mr. Ed Modiano
Project: Quarterly Transect Sampling

Report Date: May 5, 2008

Client Sample ID:	MC-47	Project:	DMAX00108
Sample ID:	206825008	Client ID:	DMAX005
Matrix:	Water		
Collect Date:	16-APR-08		
Receive Date:	17-APR-08		
Collector:	Client		

Parameter	Qualifier	Result	Uncertainty	DL	TPU	RL	Units	DF	Analyst	Date	Time	Batch	Mtd.
Rad Liquid Scintillation Analysis													
Liquid Scint Rn222, Liquid "As Received"													
Radon-222		650	+/-66.7	66.5	+/-157	200	pCi/L		MXP1	04/18/08	2126	746515	1

The following Analytical Methods were performed

Method	Description
1	SM 7500 Rn B

Notes:

The Qualifiers in this report are defined as follows :

* Recovery or %RPD not within acceptance limits and/or spike amount not compatible with the sample or the duplicate RPD's are not applicable where the concentration falls below the effective PQL.
** Indicates analyte is a surrogate compound.
B The analyte was found in the blank above the effective MDL.
H Analytical holding time was exceeded
J Estimated value, the analyte concentration fell above the effective MDL and below the effective PQL
U The analyte was analyzed for but not detected below this concentration. For Organic and Inorganic analytes the result is less than the effective MDL. For radiochemical analytes the result is less than the Decision Level
X Data rejected due to interference.
X Data rejected due to low abundance.
X Data rejected due to no valid peak.
X Uncertain identification for gamma spectroscopy.
h Prep holding time exceeded
The above sample is reported on an "as received" basis.

QUALITY CONTROL DATA

GEL LABORATORIES LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

QC Summary

Report Date: May 5, 2008

Client : **de maximis, inc.**
1322 Scott Street
Suite 101
San Diego, California
Contact: **Mr. Ed Modiano**

Workorder: **206825**

Parmname	NOM	Sample	Qual	QC	Units	RPD%	REC%	Range	Anlst	Date Time
Rad Liquid Scintillation										
Batch 746515										
QC1201559452 206825001 DUP										
Radon-222		931		841	pCi/L	10		(0% - 20%)	MXP1	04/18/0822:15
	Uncert:	+/-77.1		+/-75.2						
	TPU:	+/-217		+/-198						
QC1201559454 LCS										
Radon-222	10900			11800	pCi/L		109	(80%-120%)		04/21/0812:54
	Uncert:			+/-306						
	TPU:			+/-2600						
QC1201559451 MB										
Radon-222			U	7.56	pCi/L					04/18/0821:59
	Uncert:			+/-26.2						
	TPU:			+/-26.2						
QC1201559453 206825001 MS										
Radon-222	10900	931		12800	pCi/L		109	(80%-120%)		04/21/0812:37
	Uncert:	+/-77.1		+/-317						
	TPU:	+/-217		+/-2810						

Notes:
The Qualifiers in this report are defined as follows:

*	Recovery or %RPD not within acceptance limits and/or spike amount not compatible with the sample or the duplicate RPD's are not applicable where the concentration falls below the effective PQL.
**	Indicates analyte is a surrogate compound.
B	The analyte was found in the blank above the effective MDL.
H	Analytical holding time was exceeded
J	Estimated value, the analyte concentration fell above the effective MDL and below the effective PQL
U	The analyte was analyzed for but not detected below this concentration. For Organic and Inorganic analytes the result is less than the effective MDL. For radiochemical analytes the result is less than the Decision Level
X	Data rejected due to interference.
X	Data rejected due to low abundance.
X	Data rejected due to no valid peak.
X	Uncertain identification for gamma spectroscopy.
h	Prep holding time exceeded

QC Summary

Workorder: 206825

Parmname	NOM	Sample	Qual	QC	Units	RPD%	REC%	Range	Anlst	Date	Time

N/A indicates that spike recovery limits do not apply when sample concentration exceeds spike conc. by a factor of 4 or more.
** Indicates analyte is a surrogate compound.
^ The Relative Percent Difference (RPD) obtained from the sample duplicate (DUP) is evaluated against the acceptence criteria when the sample is greater than five times (5X) the contract required detection limit (RL). In cases where either the sample or duplicate value is less than 5X the RL, a control limit of +/- the RL is used to evaluate the DUP result.
For PS, PSD, and SDILT results, the values listed are the measured amounts, not final concentrations.

Where the analytical method has been performed under NELAP certification, the analysis has met all of the requirements of the NELAC standard unless qualified on the QC Summary.

RAW DATA

Radiochemistry Batch Checklist for LSC, Rev 6

Batch# 746515 Product: RN222 Date: 4/23/08

Criteria:	Yes	No	Comments
Method blank is less than the RDL. (If rad samples, < 5% of lowest activity)	✓		
If activity less 10* MDA, error is 100% or less of sample activity. If greater 10* MDA, error is 20% or less. If below the MDA, error is okay.	✓		
Instrument source check is within limits.	✓		
Instument bkg check is within limits.	✓		
Method RDL has been met.	✓		
If duplicate activities are less 5* MDA, then rpd is 100% or less. If greater 5* MDA, then rpd 20% or less. If below the MDA, the rpd is 0%. Or meets the client's required RER acceptance criteria.	✓		
Tracer yield is 15-125% . Carrier yield 25-125%. Or meets the client's contract acceptance criteria.	NA		
No transcription errors are apparent. Checked special requirements page	✓		
Sample was run within hold time.	✓		
Sample was correctly preserved if required.	✓		
Smears Taken for Radioactive batches.	NA		
Method Spike and LCS are within 75-125% or meets the client's contract acceptance criteria.	✓		
No blank spaces on data forms. All lineouts initialed and dated.	✓		
Batch entered into Case Narrative.	✓		
Batch non-conformances completed If applicable.	NA		
Aliquot Correction completed if required.	NA		

GEL Laboratories, LLC
1/2/2007

Primary Review Performed By: [signature] 4/23/08

Secondary Review Performed By: [signature] 4/23/08

4/27-5/1

DMAX.NSFI

Radon 222 Que Sheet

04/17/2008

Batch #:746515 **Analyst:MXP1** **First Client Due Date:05/01/2008** **Internal Due Date:04/27/2008**

Spike Isotope: Radium-226 **Spike Code:** 0638E **Expiration Date:** 4/8/09 **Vol:** 0.1mL **Nom Conc:** 10862.04

LCS Isotope: Radium-226 **LCS Code:** 0638E **Expiration Date:** 4/8/09 **Vol:** 0.1mL **Nom Conc:** 10862.04

Prep Date: 4/18/08 **Pipet ID:** 1429303 **Initials:** MSP **Witness:** 4/18/08

Comments

Sample ID	Client Description	Type	Hazard Code	Min CRDL	Matrix	Client	Collection Date	Label	Wet/Dry Sample Mass (g/mL)	LSC Rack #	Time Spike Added
206825001-1	MC-48	SAMPLE		.2 pCi/mL	WATER	DMAX005	16-APR-08 08:40 AM	1	10	34-2	
206825002-1	MC-48 (FD)	SAMPLE		.2 pCi/mL	WATER	DMAX005	16-APR-08 08:40 AM	2	10	34-3	
206825003-1	MC-49	SAMPLE		.2 pCi/mL	WATER	DMAX005	16-APR-08 09:22 AM	3	10	34-4	
206825004-1	MC-46	SAMPLE		.2 pCi/mL	WATER	DMAX005	16-APR-08 10:13 AM	4	10	34-5	
206825005-1	MC-50	SAMPLE		.2 pCi/mL	WATER	DMAX005	16-APR-08 11:20 AM	5	10	34-6	
206825006-1	MC-51	SAMPLE		.2 pCi/mL	WATER	DMAX005	16-APR-08 12:05 PM	6	10	34-7	
206825007-1	MC-53	SAMPLE		.2 pCi/mL	WATER	DMAX005	16-APR-08 01:10 PM	7	10	34-8	
206825008-1	MC-47	SAMPLE		.2 pCi/mL	WATER	DMAX005	16-APR-08 01:45 PM	8	10	34-9	
206845001-1	S-0000519829	SAMPLE		.2 pCi/mL	DRINKING WATNSFI001		15-APR-08 12:00 PM	9	10	34-10	
1201559451-1	MB for batch 746515	MB		.2 pCi/mL	WATER	QC ACCOUNT		10	10	34-11	
1201559452-1	MC-48(206825001DUP)	DUP		.2 pCi/mL	WATER	QC ACCOUNT	16-APR-08 08:40 AM	11	10	34-12	
1201559453-1	MC-48(206825001MS)	MS		.2 pCi/mL	WATER	QC ACCOUNT	16-APR-08 08:40 AM	12	10	4-2	1556
1201559454-1	LCS for batch 746515	LCS		.2 pCi/mL	WATER	QC ACCOUNT		13	10	4-3	1556

Bkg Rack #: 34-1/4-1

DAILIESV

Comments:

Data Reviewed By: JPARKER 4/23/08

Instrument Used: LS6000 (Red) 7065155, LS6500 (Black) 7069123, LS6500 (Blue) 7067083, LS6500 (Green) 7067404, Wallac (Yellow) 4040127, Wallac (Pink) 2200082, Purple 7069123, Silver 7060656

GEL Laboratories LLC, Radiochemistry Division

RN746515

Radon-222 Liquid

Filename : RN222.XLS
File type : Excel
Version # : 1.2.2

Batch : 746515
Analyst : MXP1
Prep Date : 4/18/2008

Rn-222 Abundance : 1
Rn-222 Method Uncertainty : 0.1111
Geometry : 10ML MINERAL OIL/10ML SAMPLE

Spike S/N : 0638-E
Spike Exp Date : 4/8/2009
Spike Activity (dpm/ml): 2411.37
Spike Volume Added: 0.10
Spike Date/Time: 4/18/2008

Pipet, 0.1 ml Stdev : +/- 0.000701 ml
Pipet, 0.5 ml Stdev : +/- 0.002564 ml

LCS S/N : 0638-E
LCS Exp Date : 4/8/2009
LCS Activity (dpm/ml): 2411.37
LCS Volume Added: 0.10

Procedure Code : LSC22RNL
Parmname : Radon-222
Required MDA : 200 pCi/L
Halflife of Radon-222 : 3.823 days

Sample Characteristics				Count raw Data				Background			
Sample ID	Sample Aliquot L	Sample Aliquot StDev. L	Sample Date/Time	Rack Position #	Counting Time (min.)	Quench#	Gross cpm	cpm	Count Time (min.)	Count Start Date/Time	Sample Decay
206825001.1	0.010	4.2391E-06	4/16/2008 8:40	34-2	15	51.3	57.73	8.13	15	4/18/2008 19:32	0.640
206825002.1	0.010	4.2391E-06	4/16/2008 8:40	34-3	15	53.3	53.6	8.13	15	4/18/2008 19:48	0.639
206825003.1	0.010	4.2391E-06	4/16/2008 9:22	34-4	15	52.1	48.33	8.13	15	4/18/2008 20:05	0.641
206825004.1	0.010	4.2391E-06	4/16/2008 10:13	34-5	15	55.6	39.4	8.13	15	4/18/2008 20:21	0.644
206825005.1	0.010	4.2391E-06	4/16/2008 11:20	34-6	15	53.6	35.2	8.13	15	4/18/2008 20:37	0.648
206825006.1	0.010	4.2391E-06	4/16/2008 12:05	34-7	15	51.9	64.27	8.13	15	4/18/2008 20:54	0.650
206825007.1	0.010	4.2391E-06	4/16/2008 13:10	34-8	15	51	59.67	8.13	15	4/18/2008 21:10	0.654
206825008.1	0.010	4.2391E-06	4/16/2008 13:45	34-9	15	51.9	43.6	8.13	15	4/18/2008 21:26	0.656
206845001.1	0.010	4.2391E-06	4/15/2008 12:00	34-10	15	46.5	13.33	8.13	15	4/18/2008 21:43	0.539
1201559451.1	0.010	4.2391E-06	4/18/2008 15:56	34-11	15	50.6	8.73	8.13	15	4/18/2008 21:59	0.954
1201559452.1	0.010	4.2391E-06	4/16/2008 8:40	34-12	15	55.8	52	8.13	15	4/18/2008 22:15	0.627
1201559453.1	0.010	4.2391E-06	4/16/2008 8:40	4-2	15	55.4	439.33	8.20	15	4/21/2008 12:37	0.392
1201559454.1	0.010	4.2391E-06	4/18/2008 15:56	4-3	15	53.8	408.73	8.20	15	4/21/2008 12:54	0.593

8/28/08

Calibration Data					Backgrounds		Correction Factors			
Counted on	Calibration Date	Calibration Due Date	Detector Efficiency (cpm/dpm)	Detector Efficiency Error (cpm/dpm)	Rack Position #	Count Start Date/Time	Spike Date/Time	Rn-222 Ingrowth	Rn-222 Count Correction	Net Sample Activity for MS pCi/L
LSCGREEN	3/20/2008	3/20/2009	3.7465	0.00792	34-1	4/18/2008 19:15	NA	NA	0.640	
LSCGREEN	3/20/2008	3/20/2009	3.7465	0.00792	34-1	4/18/2008 19:15	NA	NA	0.639	
LSCGREEN	3/20/2008	3/20/2009	3.7465	0.00792	34-1	4/18/2008 19:15	NA	NA	0.641	
LSCGREEN	3/20/2008	3/20/2009	3.7465	0.00792	34-1	4/18/2008 19:15	NA	NA	0.644	
LSCGREEN	3/20/2008	3/20/2009	3.7465	0.00792	34-1	4/18/2008 19:15	NA	NA	0.648	
LSCGREEN	3/20/2008	3/20/2009	3.7465	0.00792	34-1	4/18/2008 19:15	NA	NA	0.650	
LSCGREEN	3/20/2008	3/20/2009	3.7465	0.00792	34-1	4/18/2008 19:15	NA	NA	0.654	
LSCGREEN	3/20/2008	3/20/2009	3.7465	0.00792	34-1	4/18/2008 19:15	NA	NA	0.656	
LSCGREEN	3/20/2008	3/20/2009	3.7465	0.00792	34-1	4/18/2008 19:15	NA	NA	0.539	
LSCGREEN	3/20/2008	3/20/2009	3.7465	0.00792	34-1	4/18/2008 19:15	NA	NA	0.954	
LSCGREEN	3/20/2008	3/20/2009	3.7465	0.00792	34-1	4/18/2008 19:15	NA	NA	0.627	
LSCGREEN	3/20/2008	3/20/2009	3.7465	0.00792	4-1	4/21/2008 12:21	4/18/2008 15:56	0.405	0.405	899.572
LSCGREEN	3/20/2008	3/20/2009	3.7465	0.00792	4-1	4/21/2008 12:21	4/18/2008 15:56	0.407	0.407	

5/28/08

Notes:
1 - Results are decay corrected to Sample Date/Time
2 - Reference date for Spike Activity (dpm/ml) is the batch Prep Date
3 - Spike Nominals are decay corrected to Sample Date/Time

Results

Decision Level pCi/L	Critical Level pCi/L	MDA pCi/L	Sample Act. Conc. pCi/L	Sample Act. Error pCi/L	Net Count Rate CPM	Net Count Rate Error CPM	**2 SIGMA** Counting Uncertainty pCi/L	**2 SIGMA** Total Prop. Uncertainty pCi/L	Sample QC	Sample Type	RPD	RER	Nominal pCi/L	Recovery
45.5463	32.1561	68.0671	**931.2448**	0.0430	49.6000	2.0954	77.1087	217.4321		SAMPLE				
45.6403	32.2225	68.2077	**855.4665**	0.0453	45.4700	2.0286	74.8060	201.1819		SAMPLE				
45.4932	32.1186	67.9878	**753.8788**	0.0489	40.2000	1.9401	71.3110	179.3645		SAMPLE				
45.2951	31.9787	67.6918	**583.8599**	0.0575	31.2700	1.7801	65.1441	143.1449		SAMPLE				
45.0074	31.7756	67.2617	**502.2283**	0.0633	27.0700	1.6996	61.8042	125.8611		SAMPLE				
44.8454	31.6612	67.0197	**1037.8142**	0.0399	56.1400	2.1970	79.6025	240.1426		SAMPLE				
44.5716	31.4678	66.6106	**946.9614**	0.0420	51.5400	2.1260	76.5620	220.4531		SAMPLE				
44.4672	31.3942	66.4545	**650.1748**	0.0530	35.4700	1.8571	66.7192	156.8386		SAMPLE				
54.1267	38.2139	80.8902	**116.0231**	0.2302	5.2000	1.1961	52.3078	58.1177		SAMPLE				
30.5615	21.5767	45.6730	**7.5589**	1.7670	0.6000	1.0602	26.1784	26.2304		MB				
46.4938	32.8250	69.4832	**840.7989**	0.0463	43.8700	2.0022	75.2109	198.3661	206825001.1	DUP	10.2%			
72.2509	51.0096	107.9507	**12785.5493**	0.0149	431.1300	5.4622	317.4919	2809.2144	206825001.1	MS			10862.04	109.4%
72.0330	50.8559	107.6251	**11842.2538**	0.0154	400.5300	5.2721	305.5212	2603.2748		LCS			10862.04	109.0%

5/28/08

ID: RN-222 18 APR 2008 19:15

USER:16 COMMENT:GREEN

PRESET TIME :	15.00						
DATA CALC :	CPM	H#	:YES	SAMPLE REPEATS:	1	PRINTER	:EDIT
COUNT BLANK :	NO	IC#	: NO	REPLICATES :	1	RS232	:EDIT
TWO PHASE :	NO	AQC	: NO	CYCLE REPEATS :	1	DISK	: OFF
SCINTILLATOR:	LIQUID	LUMEX	:YES	LOW SAMPLE REJ:	0	RWM LIST	: OFF
LOW LEVEL :	NO	HALF LIFE CORRECTION DATE:				none	

CHAN: 600.0 - 875.0 %ERROR: 2.00 FACTOR: 1.000000 BKG. SUB: 0
CHAN: 300.0 - 900.0 %ERROR: 2.00 FACTOR: 1.000000 BKG. SUB: 0

ALPHA-BETA DISCRIMINATION: NO

SAM NO	POS	TIME MIN	H#	WIND1 CPM	WIND1 %ERROR	WIND2 CPM	WIND2 %ERROR	LUMEX %	ELAPSED TIME
1	34-1	15.00	53.7	8.13	18.11	23.00	10.77	0.32	15.91
2	34-2	15.00	51.3	57.73	6.80	78.47	5.83	0.13	32.25
3	34-3	15.00	53.3	53.60	7.05	72.67	6.06	0.17	48.63
4	34-4	15.00	52.1	48.33	7.43	66.60	6.33	0.15	64.98
5	34-5	15.00	55.6	39.40	8.23	56.20	6.89	0.16	81.34
6	34-6	15.00	53.6	35.20	8.70	52.07	7.16	0.18	97.71
7	34-7	15.00	51.9	64.27	6.44	86.20	5.56	0.15	114.09
8	34-8	15.00	51.0	59.67	6.69	80.93	5.74	0.11	130.45
9	34-9	15.00	51.9	43.60	7.82	63.00	6.51	0.14	146.81
10	34-10	15.00	46.5	13.33	14.14	28.67	9.64	0.27	163.07
11	34-11	15.00	50.6	8.73	17.47	24.47	10.44	0.37	179.42
12	34-12	15.00	55.8	52.00	7.16	70.60	6.15	0.12	195.79

JM 4/23/

ID:RN-222 21 APR 2008 12:22

USER:16 COMMENT:GREEN

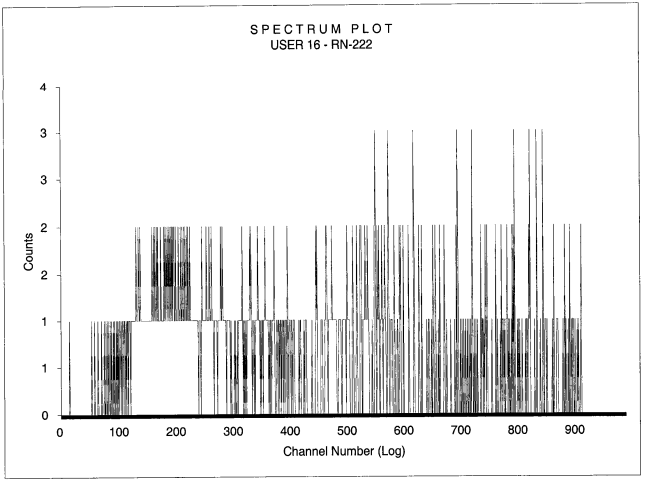
PRESET TIME :	15.00						
DATA CALC :	CPM	H#	:YES	SAMPLE REPEATS:	1	PRINTER	:EDIT
COUNT BLANK :	NO	IC#	: NO	REPLICATES :	1	RS232	:EDIT
TWO PHASE :	NO	AGC	: NO	CYCLE REPEATS :	1	DISK	: OFF
SCINTILLATOR:	LIQUID	LUMEX	:YES	LOW SAMPLE REJ:	0	RWM LIST	: OFF
LOW LEVEL :	NO	HALF LIFE CORRECTION DATE:				none	

CHAN: 600.0 - 875.0 %ERROR: 2.00 FACTOR: 1.000000 BKG. SUB: 0
CHAN: 300.0 - 900.0 %ERROR: 2.00 FACTOR: 1.000000 BKG. SUB: 0

ALPHA-BETA DISCRIMINATION: NO

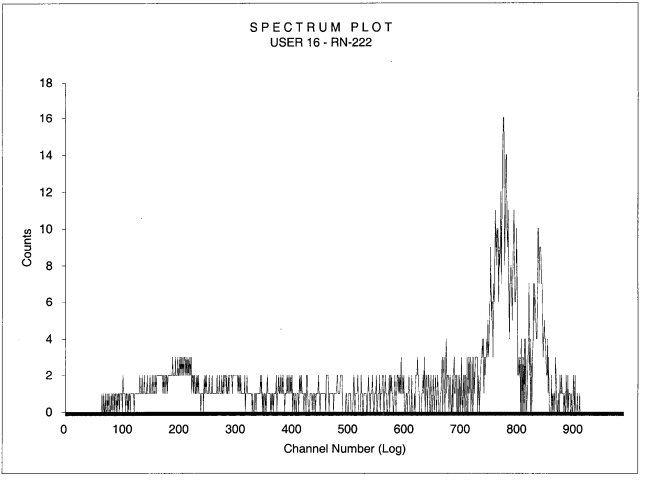
SAM NO	POS	TIME MIN	H#	WIND1 CPM	WIND1 %ERROR	WIND2 CPM	WIND2 %ERROR	LUMEX %	ELAPSED TIME
1	4-1	15.00	55.4	8.20	18.03	23.07	10.75	0.36	15.88
2	4-2	15.00	55.4	439.33	2.46	511.80	2.26	0.02	32.22
3	4-3	15.00	53.8	408.73	2.55	472.47	2.38	0.03	48.61

Sample Count Start Time:	18 Apr 2008 19:15:56		
Data Capture Date:	4/18/2008 19:31:14		
User Filename:	S16041834-1A.WK1		
	U16041834-1A.WK1		
Spectrum Type	Log Counts		
User Number:	16		
User Id:	RN-222		
User Comment:	GREEN		
Isotope Name:	14C		
Scintillator:	LIQUID		
Sample, Rack-Pos, Time:	1	34-1	15.00
H#, Total Counts:	53.7	122	
Start, End, X-Axis:	0	990	Channel Number



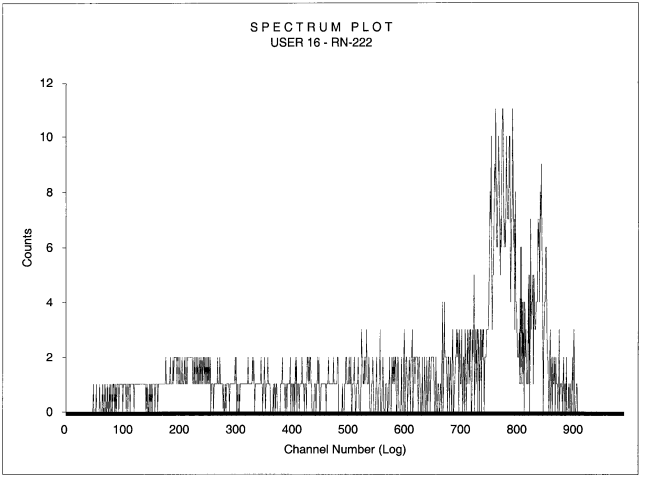
dh 4/12/36

Sample Count Start Time:	18 Apr 2008 19:32:16		
Data Capture Date:	4/18/2008 19:47:36		
User Filename:	S16041834-2A.WK1		
	U16041834-1A.WK1		
Spectrum Type	Log Counts		
User Number:	16		
User Id:	RN-222		
User Comment:	GREEN		
Isotope Name:	14C		
Scintillator:	LIQUID		
Sample, Rack-Pos, Time:	2	34-2	15.00
H#, Total Counts:	51.3	866	
Start, End, X-Axis:	0	990	Channel Number

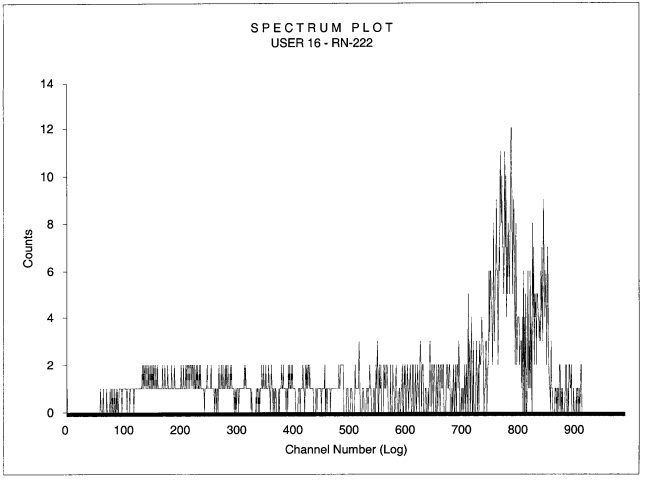


dg 4/23/0

Sample Count Start Time:	18 Apr 2008 19:48:39		
Data Capture Date:	4/18/2008 20:03:59		
User Filename:	S16041834-3A.WK1		
	U16041834-1A.WK1		
Spectrum Type	Log Counts		
User Number:	16		
User Id:	RN-222		
User Comment:	GREEN		
Isotope Name:	14C		
Scintillator:	LIQUID		
Sample, Rack-Pos, Time:	3	34-3	15.00
H#, Total Counts:	53.3	804	
Start, End, X-Axis:	0	990	Channel Number

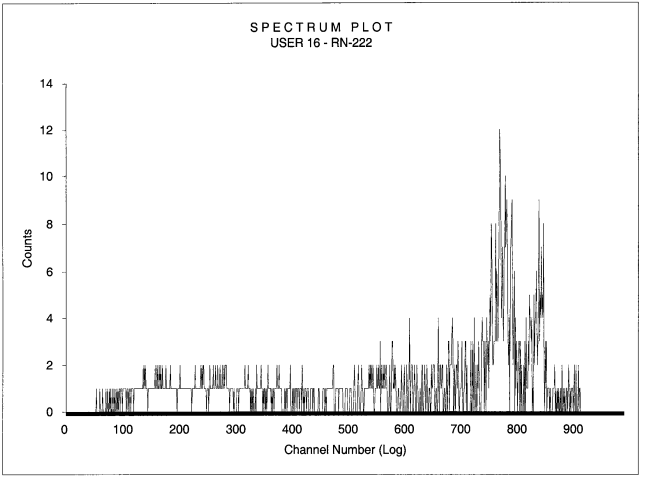


Sample Count Start Time:	18 Apr 2008 20:05:00		
Data Capture Date:	4/18/2008 20:20:20		
User Filename:	S16041834-4A.WK1		
	U16041834-1A.WK1		
Spectrum Type	Log Counts		
User Number:	16		
User Id:	RN-222		
User Comment:	GREEN		
Isotope Name:	14C		
Scintillator:	LIQUID		
Sample, Rack-Pos, Time:	4	34-4	15.00
H#, Total Counts:	52.1	725	
Start, End, X-Axis:	0	990	Channel Number



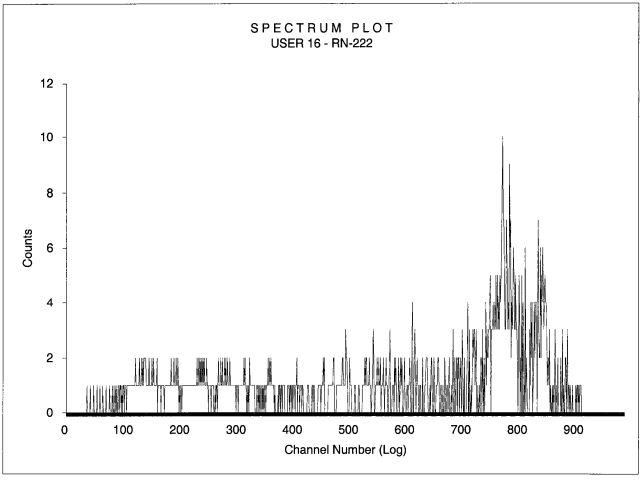
JCO
4/21/11

Sample Count Start Time:	18 Apr 2008 20:21:21		
Data Capture Date:	4/18/2008 20:36:42		
User Filename:	S16041834-5A.WK1		
	U16041834-1A.WK1		
Spectrum Type	Log Counts		
User Number:	16		
User Id:	RN-222		
User Comment:	GREEN		
Isotope Name:	14C		
Scintillator:	LIQUID		
Sample, Rack-Pos, Time:	5	34-5	15.00
H#, Total Counts:	55.6	591	
Start, End, X-Axis:	0	990	Channel Number



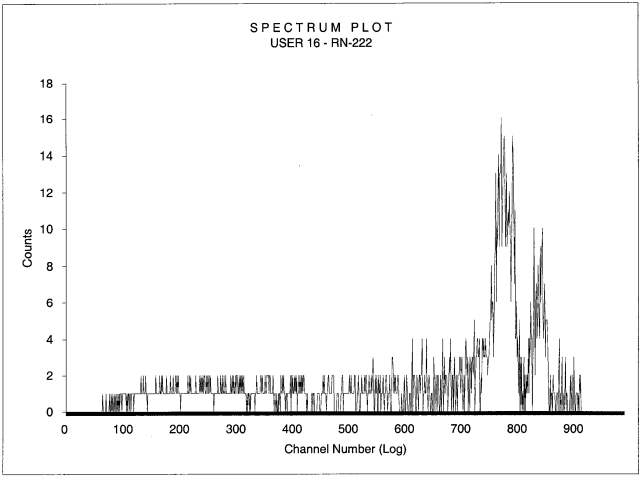
dh 4/23/08

Sample Count Start Time:	18 Apr 2008 20:37:44		
Data Capture Date:	4/18/2008 20:53:04		
User Filename:	S16041834-6A.WK1		
	U16041834-1A.WK1		
Spectrum Type	Log Counts		
User Number:	16		
User Id:	RN-222		
User Comment:	GREEN		
Isotope Name:	14C		
Scintillator:	LIQUID		
Sample, Rack-Pos, Time:	6	34-6	15.00
H#, Total Counts:	53.6	528	
Start, End, X-Axis:	0	990	Channel Number



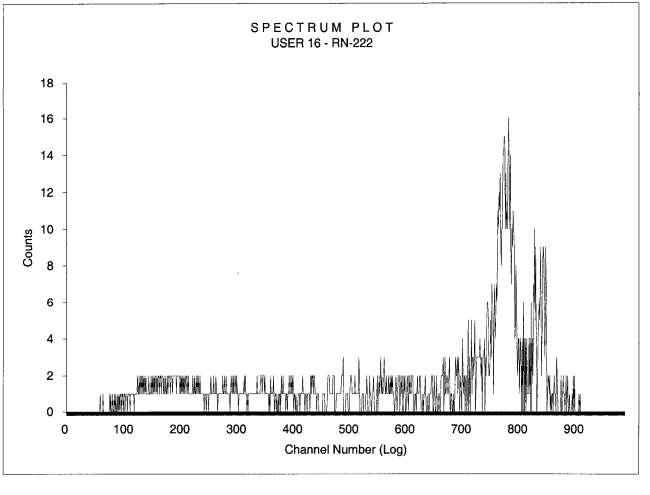
dr 4/23/09

Sample Count Start Time:	18 Apr 2008 20:54:06		
Data Capture Date:	4/18/2008 21:09:26		
User Filename:	S16041834-7A.WK1		
	U16041834-1A.WK1		
Spectrum Type	Log Counts		
User Number:	16		
User Id:	RN-222		
User Comment:	GREEN		
Isotope Name:	14C		
Scintillator:	LIQUID		
Sample, Rack-Pos, Time:	7	34-7	15.00
H#, Total Counts:	51.9	964	
Start, End, X-Axis:	0	990	Channel Number



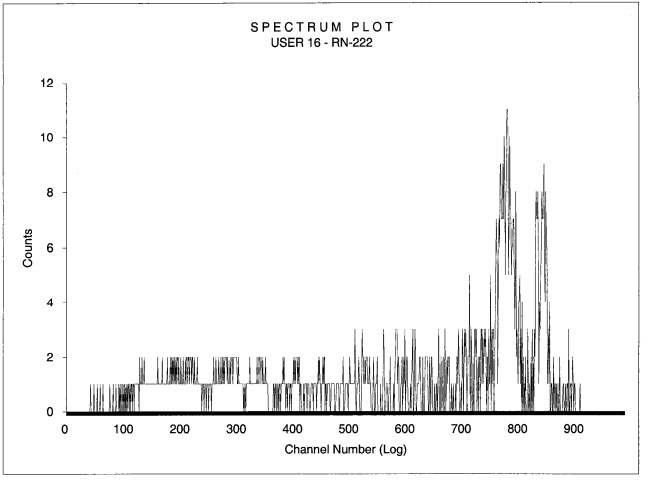
JW
4/24/08

Sample Count Start Time:	18 Apr 2008 21:10:28		
Data Capture Date:	4/18/2008 21:25:48		
User Filename:	S16041834-8A.WK1		
	U16041834-1A.WK1		
Spectrum Type	Log Counts		
User Number:	16		
User Id:	RN-222		
User Comment:	GREEN		
Isotope Name:	14C		
Scintillator:	LIQUID		
Sample, Rack-Pos, Time:	8	34-8	15.00
H#, Total Counts:	51.0	895	
Start, End, X-Axis:	0	990	Channel Number



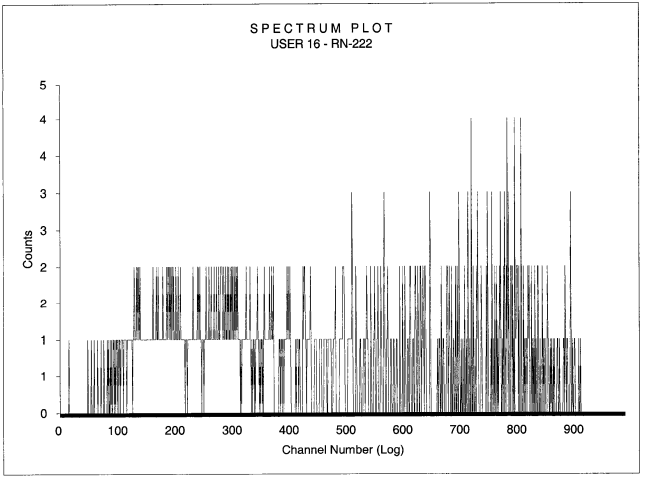
dw 4/23/10

Sample Count Start Time:	18 Apr 2008 21:26:50		
Data Capture Date:	4/18/2008 21:42:10		
User Filename:	S16041834-9A.WK1		
	U16041834-1A.WK1		
Spectrum Type	Log Counts		
User Number:	16		
User Id:	RN-222		
User Comment:	GREEN		
Isotope Name:	14C		
Scintillator:	LIQUID		
Sample, Rack-Pos, Time:	9	34-9	15.00
H#, Total Counts:	51.9	654	
Start, End, X-Axis:	0	990	Channel Number

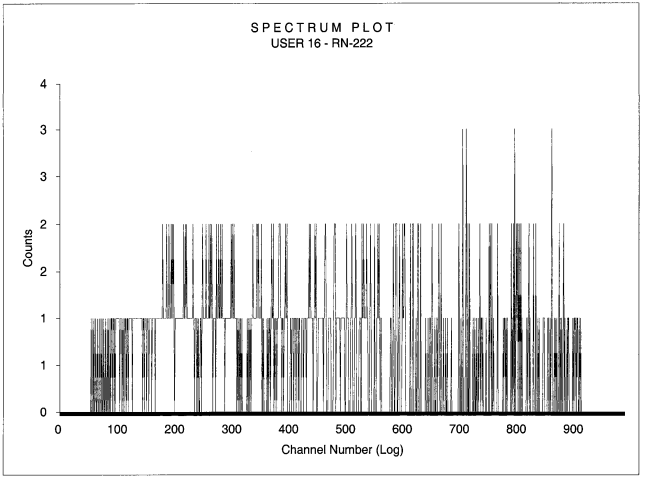


JKV 4/28/6

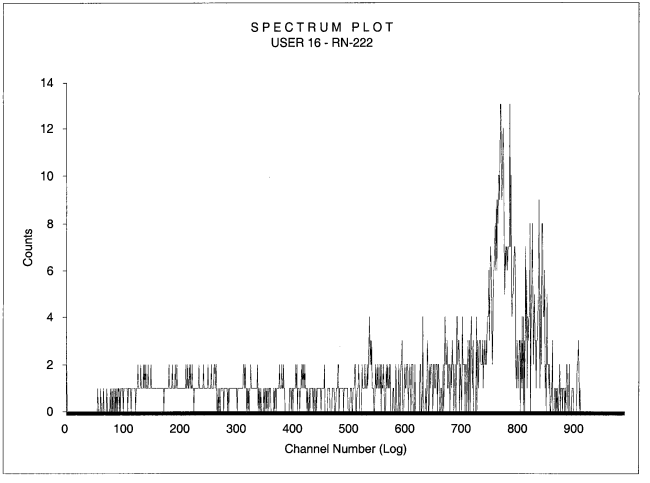
Sample Count Start Time:	18 Apr 2008 21:43:05		
Data Capture Date:	4/18/2008 21:58:25		
User Filename:	S16041834-10A.WK1		
	U16041834-1A.WK1		
Spectrum Type	Log Counts		
User Number:	16		
User Id:	RN-222		
User Comment:	GREEN		
Isotope Name:	14C		
Scintillator:	LIQUID		
Sample, Rack-Pos, Time:	10	34-10	15.00
H#, Total Counts:	46.5	200	
Start, End, X-Axis:	0	990	Channel Number



Sample Count Start Time:	18 Apr 2008 21:59:26		
Data Capture Date:	4/18/2008 22:14:46		
User Filename:	S16041834-11A.WK1		
	U16041834-1A.WK1		
Spectrum Type	Log Counts		
User Number:	16		
User Id:	RN-222		
User Comment:	GREEN		
Isotope Name:	14C		
Scintillator:	LIQUID		
Sample, Rack-Pos, Time:	11	34-11	15.00
H#, Total Counts:	50.6	131	
Start, End, X-Axis:	0	990	Channel Number

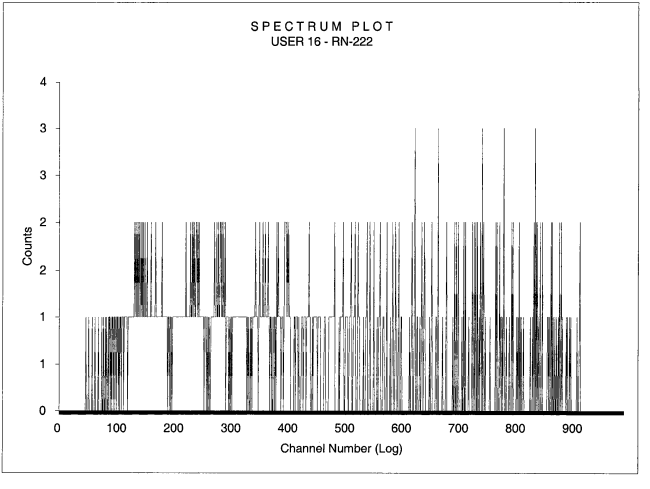


Sample Count Start Time:	18 Apr 2008 22:15:48		
Data Capture Date:	4/18/2008 22:31:09		
User Filename:	S16041834-12A.WK1		
	U16041834-1A.WK1		
Spectrum Type	Log Counts		
User Number:	16		
User Id:	RN-222		
User Comment:	GREEN		
Isotope Name:	14C		
Scintillator:	LIQUID		
Sample, Rack-Pos, Time:	12	34-12	15.00
H#, Total Counts:	55.8	780	
Start, End, X-Axis:	0	990	Channel Number



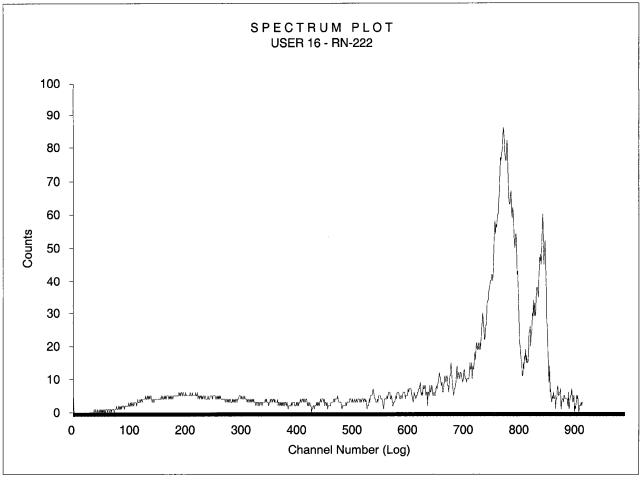
OK 4/21/10

Sample Count Start Time:	21 Apr 2008 12:21:23		
Data Capture Date:	4/21/2008 12:36:44		
User Filename:	S16042104-1A.WK1		
	U16042104-1A.WK1		
Spectrum Type	Log Counts		
User Number:	16		
User Id:	RN-222		
User Comment:	GREEN		
Isotope Name:	14C		
Scintillator:	LIQUID		
Sample, Rack-Pos, Time:	1	4-1	15.00
H#, Total Counts:	55.4	123	
Start, End, X-Axis:	0	990	Channel Number



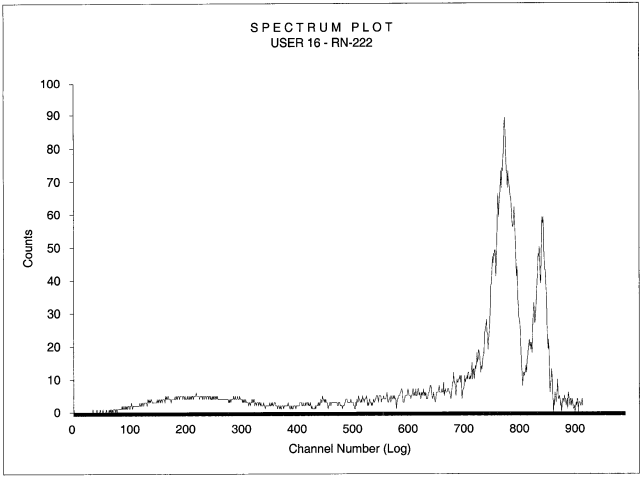
JKC 9/15/16

Sample Count Start Time:	21 Apr 2008 12:37:43		
Data Capture Date:	4/21/2008 12:53:07		
User Filename:	S16042104-2A.WK1		
	U16042104-1A.WK1		
Spectrum Type	Log Counts		
User Number:	16		
User Id:	RN-222		
User Comment:	GREEN		
Isotope Name:	14C		
Scintillator:	LIQUID		
Sample, Rack-Pos, Time:	2	4-2	15.00
H#, Total Counts:	55.4	6590	
Start, End, X-Axis:	0	990	Channel Number



dkl
4/23/08

Sample Count Start Time:	21 Apr 2008 12:54:07		
Data Capture Date:	4/21/2008 13:09:30		
User Filename:	S16042104-3A.WK1		
	U16042104-1A.WK1		
Spectrum Type	Log Counts		
User Number:	16		
User Id:	RN-222		
User Comment:	GREEN		
Isotope Name:	14C		
Scintillator:	LIQUID		
Sample, Rack-Pos, Time:	3	4-3	15.00
H#, Total Counts:	53.8	6131	
Start, End, X-Axis:	0	990	Channel Number



VLC 4/23/08

CONTINUING CALIBRATION DATA

Liquid Scintillation Counter Checks for 18-APR-2008

Short Name	Parmname	Run Time	Count Time	Counts	CPM	Stdev	Status	Comments
LSCBLUE	Carbon-14	03:24	.95		42200	0.1	GOOD	
	Carbon-14	03:25	.95		42300	0.73	GOOD	
	Tritium	03:27	.7		64700	0.91	GOOD	
	Tritium	03:28	.7		64800	1.1	GOOD	
	BKG	03:30	30		24.3	0.76	GOOD	
	BKG	04:01	30		23.6	0.08	GOOD	
LSCBROWN	Carbon-14	09:25	1		42100	-1.5	GOOD	
	Carbon-14	09:27	.95		42500	0.18	GOOD	
	Tritium	09:29	.7		64800	-1.5	GOOD	
	Tritium	09:30	.7		65100	-0.57	GOOD	
	BKG	09:32	30		26.8	0.64	GOOD	
	BKG	10:03	30		24.2	-1.9	GOOD	
LSCGOLD	Carbon-14	05:48	.95		42700	-1.3	GOOD	
	Carbon-14	05:50	.95		42700	-1	GOOD	
	Tritium	05:51	.9		61200	0.32	GOOD	
	Tritium	05:53	.9		61600	1.65	GOOD	
	BKG	05:54	30		18.6	-0.3	GOOD	
	BKG	06:25	30		19.2	0.43	GOOD	
LSCGREEN	Carbon-14	06:59	.95		42400	0.47	GOOD	
	Carbon-14	07:00	.95		42600	1.56	GOOD	
	Tritium	07:02	.75		61200	0.75	GOOD	
	Tritium	07:03	.75		61800	2.33	GOOD	
	BKG	07:05	30		22	0.75	GOOD	
	BKG	07:36	30		22.4	1.21	GOOD	
LSCPINK	Carbon-14	06:58	1.012433		94500	0.51	GOOD	
	Tritium	07:01	1.012433		59900	1.53	GOOD	
	BKG	07:34	30.01243		6.14	-0.69	GOOD	
	Carbon-14	07:39	1.012433		93700	-2	GOOD	
	Tritium	07:42	1.012433		59900	1.57	GOOD	
	BKG	08:15	30.01243		7.35	1.78	GOOD	
LSCPURPLE	Carbon-14	02:41	.55		94500	-0.84	GOOD	
	Carbon-14	02:42	.55		94000	-2.1	GOOD	
	Tritium	02:43	.85		67400	-1.4	GOOD	
	Tritium	02:44	.85		67400	-1.4	GOOD	
	BKG	02:46	30		28.4	1.01	GOOD	

	BKG	03:16	30	26.7	-0.14	GOOD
	Carbon-14	07:57	.55	95700	1.81	GOOD
	Carbon-14	07:57	.55	95100	0.5	GOOD
	Tritium	07:59	.85	67600	-0.66	GOOD
	Tritium	08:00	.85	67500	-1.1	GOOD
	BKG	08:01	30	28	0.76	GOOD
	BKG	08:32	30	26.7	-0.14	GOOD
LSCRED	Carbon-14	08:31	.95	42500	0.45	GOOD
	Carbon-14	08:33	.95	42300	-1.3	GOOD
	Tritium	08:34	.7	67400	-0.07	GOOD
	Tritium	08:35	.7	67200	-0.66	GOOD
	BKG	08:37	30	29.6	1.45	GOOD
	BKG	09:08	30	29.2	1.16	GOOD
LSCSILVER	Carbon-14	09:36	.45	95300	0.13	GOOD
	Carbon-14	09:37	.45	95500	0.44	GOOD
	Tritium	09:38	.7	67600	-1.4	GOOD
	Tritium	09:39	.7	67700	-1	GOOD
	BKG	09:40	30	21.4	-0.53	GOOD
	BKG	10:11	30	20.7	-0.73	GOOD
LSCYELLOW	Carbon-14	06:51	1.733	98200	0.51	GOOD
	Carbon-14	06:54	1.717	98100	0.03	GOOD
	Tritium	06:57	1.75	136000	-2.6	GOOD
	Tritium	06:59	1.767	137000	-0.8	GOOD
	BKG	07:02	30	15.1	-0.19	GOOD
	BKG	07:33	30	15.2	-0.05	GOOD

Reviewed by _____

Date 4/18/08

GEL Laboratories LLC

Liquid Scintillation Counter Checks for 21-APR-2008

Short Name	Parmname	Run Time	Count Time	Counts	CPM	Stdev	Status	Comments
LSCBLUE	Carbon-14	06:38	1		42100	-0.23	GOOD	
	Carbon-14	06:39	.95		42400	1.17	GOOD	
	Tritium	06:41	.7		64100	-1.1	GOOD	
	Tritium	06:42	.7		64600	0.42	GOOD	
	BKG	06:44	30		23.4	-0.11	GOOD	
	BKG	07:15	30		23	-0.49	GOOD	
LSCBROWN	Carbon-14	06:40	.95		42300	-0.81	GOOD	
	Tritium	06:43	.7		65000	-0.75	GOOD	
	Tritium	06:44	.7		64800	-1.5	GOOD	
	BKG	06:46	30		27.1	0.9	GOOD	
	BKG	07:17	30		24.9	-1.2	GOOD	
LSCGOLD	Carbon-14	06:40	.95		42600	-1.7	GOOD	
	Carbon-14	06:42	.95		42800	-0.53	GOOD	
	Tritium	06:43	.9		60600	-1.7	GOOD	
	Tritium	06:44	.9		61400	1.02	GOOD	
	BKG	06:46	30		19.1	0.27	GOOD	
	BKG	07:17	30		19.4	0.67	GOOD	
LSCGREEN	Carbon-14	06:38	.95		42100	-0.53	GOOD	
	Carbon-14	06:40	.95		42200	-0.28	GOOD	
	Tritium	06:42	.75		61200	0.75	GOOD	
	Tritium	06:43	.75		61800	2.51	GOOD	
	BKG	06:45	30		20.9	-0.38	GOOD	
	BKG	07:15	30		21.5	0.25	GOOD	
LSCPINK	Carbon-14	08:17	1.012433		94500	0.64	GOOD	
	Tritium	08:21	1.012433		59900	1.8	GOOD	
	BKG	08:53	30.01243		6.68	0.41	GOOD	
	Carbon-14	08:58	1.012433		94300	0.1	GOOD	
	Tritium	09:02	1.012433		59600	0.74	GOOD	
	BKG	09:34	30.01243		5.56	-1.9	GOOD	
LSCPURPLE	Carbon-14	07:49	.55		95300	0.9	GOOD	
	Carbon-14	07:50	.55		94800	-0.33	GOOD	
	Tritium	07:51	.85		67600	-0.8	GOOD	
	Tritium	07:52	.85		67300	-1.6	GOOD	
	BKG	07:54	30		27.1	0.11	GOOD	
	BKG	08:25	30		26.4	-0.39	GOOD	
LSCRED	Carbon-14	06:45	.95		42500	0.66	GOOD	
	Carbon-14	06:46	.95		42200	-2	GOOD	
	Tritium	06:48	.7		67300	-0.52	GOOD	
	Tritium	06:49	.7		67400	-0.06	GOOD	
	BKG	06:51	30		29	1.07	GOOD	
	BKG	07:22	30		30.1	1.77	GOOD	
LSCSILVER	Carbon-14	06:44	.45		94400	-1.8	GOOD	
	Carbon-14	06:45	.45		95400	0.36	GOOD	
	Tritium	06:46	.7		67500	-1.8	GOOD	
	Tritium	06:47	.7		67200	-2.8	GOOD	
	BKG	06:49	30		23.4	0.09	GOOD	
	BKG	07:19	30		20.7	-0.72	GOOD	

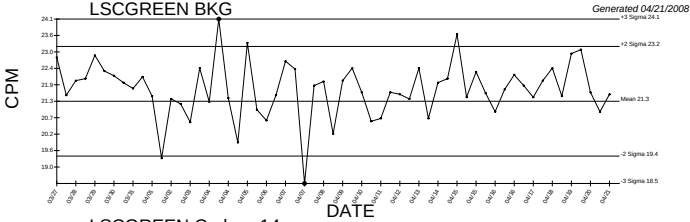
LSCYELLOW	Carbon-14	06:35	1.717	97900	-0.63	GOOD
	Carbon-14	06:38	1.717	97600	-1.9	GOOD
	Tritium	06:41	1.733	137000	-0.02	GOOD
	Tritium	06:43	1.783	136000	-2.4	GOOD
	BKG	06:46	30	14.6	-0.89	GOOD
	BKG	07:17	30	15	-0.33	GOOD

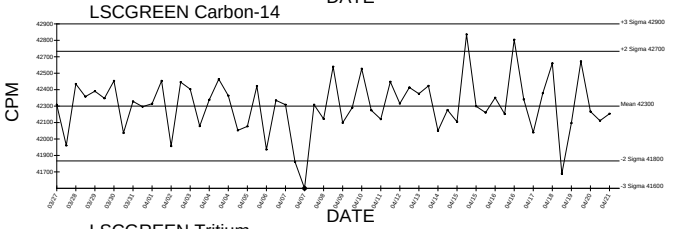
Reviewed by _____

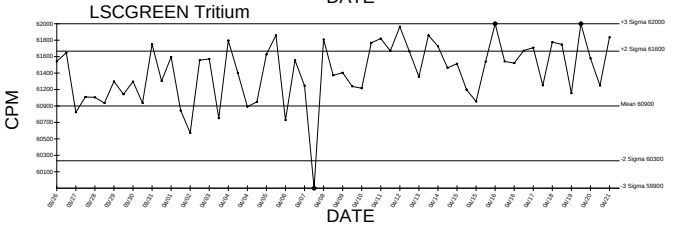
Date ~~4/20/08~~ SC 4/21/08

GEL Laboratories LLC

BACKGROUND AND EFFICIENCY DATA







● Denotes Outlier

RUNLOGS

Instrument Run Log

Instrument Type: LSC **Batch ID: 746515**

Sample ID	Sample Type	Analyst	Instrument	Run Date	Status	Geometry	Calibration Date
206825001	SAMPLE	MXP1	LSCGREEN	18-APR-08 19:32	DONE	10ML MINERAL OIL/10ML SAMPLE	20-MAR-08 00:00
206825002	SAMPLE	MXP1	LSCGREEN	18-APR-08 19:48	DONE	10ML MINERAL OIL/10ML SAMPLE	20-MAR-08 00:00
206825003	SAMPLE	MXP1	LSCGREEN	18-APR-08 20:05	DONE	10ML MINERAL OIL/10ML SAMPLE	20-MAR-08 00:00
206825004	SAMPLE	MXP1	LSCGREEN	18-APR-08 20:21	DONE	10ML MINERAL OIL/10ML SAMPLE	20-MAR-08 00:00
206825005	SAMPLE	MXP1	LSCGREEN	18-APR-08 20:37	DONE	10ML MINERAL OIL/10ML SAMPLE	20-MAR-08 00:00
206825006	SAMPLE	MXP1	LSCGREEN	18-APR-08 20:54	DONE	10ML MINERAL OIL/10ML SAMPLE	20-MAR-08 00:00
206825007	SAMPLE	MXP1	LSCGREEN	18-APR-08 21:10	DONE	10ML MINERAL OIL/10ML SAMPLE	20-MAR-08 00:00
206825008	SAMPLE	MXP1	LSCGREEN	18-APR-08 21:26	DONE	10ML MINERAL OIL/10ML SAMPLE	20-MAR-08 00:00
206845001	SAMPLE	MXP1	LSCGREEN	18-APR-08 21:43	DONE	10ML MINERAL OIL/10ML SAMPLE	20-MAR-08 00:00
1201559451	MB	MXP1	LSCGREEN	18-APR-08 21:59	DONE	10ML MINERAL OIL/10ML SAMPLE	20-MAR-08 00:00
1201559452	DUP	MXP1	LSCGREEN	18-APR-08 22:15	DONE	10ML MINERAL OIL/10ML SAMPLE	20-MAR-08 00:00
1201559453	MS	MXP1	LSCGREEN	21-APR-08 12:37	DONE	10ML MINERAL OIL/10ML SAMPLE	20-MAR-08 00:00
1201559454	LCS	MXP1	LSCGREEN	21-APR-08 12:54	DONE	10ML MINERAL OIL/10ML SAMPLE	20-MAR-08 00:00

Monitoring Well Low-Flow Purge/Sampling Form

Project: Quarterly Consent Order

Well ID:	H-21R	Screened Interval (ft)	30-45	Well Diameter (in):	4"
Date:	4-2-08	Pump Intake Depth (ft)	38' BTOC	Static Water Level (ft):	31.94
Sample ID	H-21R	Purging/ Sample Device:	Portable Bladder	Total Well depth (ft):	70.55
Time:	1310	PID Reading at TOC:	N/A	Water Column Length:	38.61
Dup ID:	N/A	Water Level Instrument :	Keck	Minimum Purge Volume:	270 ml
Rinsate ID:	N/A	WLI Serial #:	562	Samplers Name:	CDC
MS/MSD ID:	N/A	Water Quality Meter:	Horiba U-22	Optimal Pump Setting:	
Analysis:	Quarterly Consent Order	Water Quality Meter Serial #:	T007046	PSI 70 CPM 3 ID: 84	
		WQM Calibrated Date & Time:	4-2-08 / 1230	Low-Flow or Net Purge:	Low Flow

Time	Volume Purged	Flow Rate	Water Level (feet TOC)	Specific Conductance ( )	pH	Temp.	DO (mg/L)	ORP (mV)	Turbidity (NTU)	Salinity	TDS
	Liters	ml/min	± 0.1 ft	3%	± 0.1	± 0.2	± 10%	± 10%	± 10%	%	g/L
1240	Start	Pump									
1245	1 L	390 ml	31.95	2.30	7.16	26.8	1.06	-188	7.3	1.4	14
1250	2 L	390 ml	31.96	2.33	7.18	26.7	.59	-200	6.4	1.4	14
1254	3 L	390 ml	31.95	2.35	7.18	26.8	.60	-203	5.5	1.4	15
1259	4 L	390 ml	31.95	2.35	7.17	26.8	.54	-207	5.6	1.4	15
1304	5 L	390 ml	31.95	2.35	7.17	26.8	.50	-210	4.9	1.4	15
1308	6 L	390 ml	31.95	2.35	7.18	26.8	.48	-212	4.7	1.4	15
1310	Sample	taken									

Comments:

Monitoring Well Low-Flow Purge/Sampling Form

Project: Quarterly Consent Order

Well ID:	H-18A	Screened Interval (ft)	20-50	Well Diameter (in):	4"
Date:	4-2-08	Pump Intake Depth (ft)	35' BTOC	Static Water Level (ft):	28.89 BTOC
Sample ID	H-18A	Purging/ Sample Device:	Portable Bladder	Total Well depth (ft):	53.90 BTOC
Time:	1420	PID Reading at TOC:	N/A	Water Column Length:	25.01
Dup ID:	N/A	Water Level Instrument :	Keck	Minimum Purge Volume:	240 ml
Rinsate ID:	N/A	WLI Serial #:	562	Samplers Name:	CDC
MS/MSD ID:	N/A	Water Quality Meter:	Horiba U-22	Optimal Pump Setting:	
Analysis:	Quarterly Consent Order	Water Quality Meter Serial #:	T007046	PSI 70 CPM 3 ID: 84	
		WQM Calibrated Date & Time:	4-2-08/ 1230	Low-Flow or Net Purge:	Low Flow

Time	Volume Purged	Flow Rate	Water Level (feet TOC)	Specific Conductance ( )	pH	Temp.	DO (mg/L)	ORP (mV)	Turbidity (NTU)	Salinity	TDS
	Liters	**ml/min**	**± 0.1 ft**	**3%**	**± 0.1**	**± 0.2**	**± 10%**	**± 10%**	**± 10%**	**%**	**g/L**
1355	START	PUMP									
1359	1L	390ml	28.92	.56	7.33	25.2	1.51	78	1.5	0.3	3.5
1404	2L	390ml	28.93	.56	7.34	25.1	1.26	74	1.3	0.3	3.5
1409	3L	390ml	28.94	.56	7.33	25.2	.79	71	1.3	0.3	3.5
1413	4L	390ml	28.94	.55	7.34	25.1	.68	67	1.3	0.3	3.5
1417	5L	390ml	28.94	.55	7.36	25.1	.65	65	1.3	0.3	3.5
1420	Sample	taken									

Comments:

Monitoring Well Low-Flow Purge/Sampling Form

Project: Quarterly Consent Order

Well ID:	H-49A	Screened Interval (ft)	28-48'	Well Diameter (in):	4"
Date:	4-3-08	Pump Intake Depth (ft)	38	Static Water Level (ft):	26.43 BTOC
Sample ID	H-49A	Purging/ Sample Device:	Portable Bladder	Total Well depth (ft):	52.45 BTOC
Time:	0920	PID Reading at TOC:	N/A	Water Column Length:	26.02
Dup ID:	H-49A (FD)	Water Level Instrument :	Keck	Minimum Purge Volume:	270 ml
Rinsate ID:	N/A	WLI Serial #:	562	Samplers Name:	CDC
MS/MSD ID:	N/A	Water Quality Meter:	Horiba U-22	Optimal Pump Setting:	
Analysis:	Quarterly Consent Order	Water Quality Meter Serial #:	T0070046	PSI 70 CPM 3 ID: 84	
		WQM Calibrated Date & Time:	4-3-08 0845	Low-Flow or Net Purge:	Low Flow

Time	Volume Purged	Flow Rate	Water Level (feet TOC)	Specific Conductance ( )	pH	Temp.	DO (mg/L)	ORP (mV)	Turbidity (NTU)	Salinity	TDS
	Liters	**ml/min**	**± 0.1 ft**	**3%**	**± 0.1**	**± 0.2**	**± 10%**	**± 10%**	**± 10%**	**%**	**g/L**
0850	Start	pump									
0854	1L	390ml	26.46	1.87	7.13	25.0	1.77	136	8.8	1.1	12
0859	2L	390ml	26.46	1.87	7.28	25.1	0.74	115	7.4	1.1	12
0903	3L	390ml	26.46	1.87	7.31	25.1	.60	98	5.9	1.1	12
0907	4L	390ml	26.47	1.87	7.33	25.1	.49	90	5.6	1.1	12
0911	5L	390ml	26.48	1.87	7.33	25.1	.43	84	5.4	1.1	12
0916	6L	390ml	26.48	1.87	7.33	25.1	.41	81	5.1	1.1	12
0920	Sample	taken									

Comments:

Monitoring Well Low-Flow Purge/Sampling Form

Project: Quarterly Consent Order

Well ID:	H-56A	Screened Interval (ft)	28-58	Well Diameter (in):	4"
Date:	4-3-08	Pump Intake Depth (ft)	43 BTOC	Static Water Level (ft):	23.96 BTOC
Sample ID	H-56A	Purging/ Sample Device:	Portable Bladder	Total Well depth (ft):	61.65 BTOC
Time:	1055	PID Reading at TOC:	N/A	Water Column Length:	37.69
Dup ID:	N/A	Water Level Instrument :	Keck	Minimum Purge Volume:	~~CDC~~ 280 ml
Rinsate ID:	N/A	WLI Serial #:	562	Samplers Name:	CDC
MS/MSD ID:	H-56A (MS/MSD)	Water Quality Meter:	Horiba U-22	Optimal Pump Setting:	
Analysis:	Quarterly Consent Order	Water Quality Meter Serial #:	T007046	PSI 70 CPM 3 ID: 84	
		WQM Calibrated Date & Time:	4-3-08 0845	Low-Flow or Net Purge:	Low Flow

Time	Volume Purged	Flow Rate	Water Level (feet TOC)	Specific Conductance ( )	pH	Temp.	DO (mg/L)	ORP (mV)	Turbidity (NTU)	Salinity	TDS
	Liters	**ml/min**	**± 0.1 ft**	**3%**	**± 0.1**	**± 0.2**	**± 10%**	**± 10%**	**± 10%**	**%**	**g/L**
1025	Start	pump									
1029	1L	390ml	23.99	1.07	7.56	25.5	3.64	109	478	0.6	7
1034	2L	390ml	24.01	1.08	7.54	25.6	1.67	100	480	0.6	7
1039	3L	390ml	24.01	1.08	7.54	25.6	1.08	89	488	0.6	7
1043	4L	390ml	24.01	1.08	7.54	25.6	.93	80	499	0.6	7
1047	5L	390ml	24.01	1.08	7.55	25.5	.86	76	501	0.6	7
1051	6L	390ml	24.01	1.08	7.56	25.6	.84	73	506	0.6	7
1055	Sample	taken									

Comments:

Monitoring Well Low-Flow Purge/Sampling Form

Project: Quarterly Consent Order

Well ID:	H-58A	Screened Interval (ft)	37-57	Well Diameter (in):	4"
Date:	4-3-08	Pump Intake Depth (ft)	47 BTOC	Static Water Level (ft):	29.68 BTOC
Sample ID	H-58 A	Purging/ Sample Device:	Portable Bladder	Total Well depth (ft):	64.10 BTOC
Time:	1215	PID Reading at TOC:	N/A	Water Column Length:	34.42
Dup ID:	N/A	Water Level Instrument :	Keck	Minimum Purge Volume:	330 ml
Rinsate ID:	N/A	WLI Serial #:	562	Samplers Name:	CDC
MS/MSD ID:	N/A	Water Quality Meter:	Horiba U-22	Optimal Pump Setting:	
Analysis:	Quarterly Consent Order	Water Quality Meter Serial #:	T007046	PSI 70 CPM 3 ID: 84	
		WQM Calibrated Date & Time:	4-3-08 0845	Low-Flow or Net Purge:	Low Flow

Time	Volume Purged	Flow Rate	Water Level (feet TOC)	Specific Conductance ( )	pH	Temp.	DO (mg/L)	ORP (mV)	Turbidity (NTU)	Salinity	TDS
	Liters	ml/min	± 0.1 ft	3%	± 0.1	± 0.2	± 10%	± 10%	± 10%	%	g/L
1150	Start	Pump		~~1.49~~ cc	~~7.23~~	~~25.5~~	~~2.08~~	~~118~~	~~0.6~~	~~0.9~~	~~9~~ cc
1154	1L	390ml	29.70	1.49	7.23	25.5	2.08	118	0.6	0.9	9
1159	2L	390ml	29.70	1.51	7.26	25.6	.85	99	-0.8	0.9	9
1203	3L	390ml	29.70	1.51	7.29	25.7	.61	82	-0.5	0.9	9
1207	4L	390ml	29.70	1.51	7.30	25.6	.56	75	-0.5	0.9	9
1211	5L	390ml	29.71	1.52	7.31	25.7	.52	70	-0.6	0.9	9
1215	Sample	taken									

Comments:

Monitoring Well Low-Flow Purge/Sampling Form

Project: GWTS

Well ID:	MC-46	Screened Interval (ft)	32-34?	Well Diameter (in):	2"
Date:	~~4/8/08~~ 4/9/08	Pump Intake Depth (ft)	32' BTOC	Static Water Level (ft):	27.60 TOM
Sample ID	MC-46	Purging/ Sample Device:	Portaflow	Total Well depth (ft):	35.43
Time:		PID Reading at TOC:	N/A	Water Column Length:	7.83
Dup ID:	—	Water Level Instrument :	Keck	Minimum Purge Volume:	210 ml
Rinsate ID:	—	WLI Serial #:	562	Samplers Name:	M. Schimell, D. Cortoya
MS/MSD ID:	—	Water Quality Meter:	YSI Horiba U-22	Optimal Pump Setting:	
Analysis:	GWTS suite	Water Quality Meter Serial #:	T007048	PSI 60 CPM 4 ID: 10L	
		WQM Calibrated Date & Time:	4/9/08 0730	Low-Flow or Net Purge:	Low Flow

Time	Volume Purged	Flow Rate	Water Level (feet TOC)	Specific Conductance (S/m)	pH	Temp.	DO (mg/L)	ORP (mV)	Turbidity (NTU)	Salinity	TDS
TT	Liters	ml/min	± 0.1 ft	3%	± 0.1	± 0.2	± 10%	± 10%	± 10%	%	g/L
1125	Start pump										
1127	.5	400	27.60	1.55	6.99	25.2	1.84	71	4.1	0.9	10
1130	2.0	450	27.62	1.61	7.01	25.3	1.07	64	0.8	0.9	10
1133	3.5	450	27.63	1.61	7.02	25.3	0.85	58	-2.1	0.9	10
1136	5.0	450	27.63	1.61	7.03	25.3	0.78	54	-3.5	0.9	10
1140	Commence Sampling										
1154	Sampling Complete 2265										

Comments:

Monitoring Well Low-Flow Purge/Sampling Form

Project: GWTS

Well ID:	MC-47	Screened Interval (ft)	26-45'	Well Diameter (in):	2"
Date:	4/9/08	Pump Intake Depth (ft)	30' btoc	Static Water Level (ft):	34.40 btoc
Sample ID	MC-47	Purging/ Sample Device:	Portable	Total Well depth (ft):	45.92 btoc
Time:	0805	PID Reading at TOC:	N/A	Water Column Length:	11.52
Dup ID:	MC-47(FD)	Water Level Instrument :	KER	Minimum Purge Volume:	210 ml
Rinsate ID:	—	WLI Serial #:	562	Samplers Name:	M. Schmidt, D. Ortega
MS/MSD ID:	—	Water Quality Meter:	Horiba U-22	Optimal Pump Setting:	
Analysis:	GWTS Suite	Water Quality Meter Serial #:	T007046	PSI 60 CPM 4 ID: 10C	
		WQM Calibrated Date & Time:	4/9/08 0730	Low-Flow or Net Purge:	Low-Flow

Time	Volume Purged	Flow Rate	Water Level (feet TOC)	Specific Conductance (S/m)	pH	Temp.	DO (mg/L)	ORP (mV)	Turbidity (NTU)	Salinity	TDS
	Liters	ml/min	± 0.1 ft	3%	± 0.1	± 0.2	± 10%	± 10%	± 10%	%	g/L
739	Start pump										
742	.5	400	34.45	0.99	6.41	23.4	3.57	248	56.4	0.6	6
747	2.0	400	34.45	0.98	6.77	24.1	3.30	333	9.1	0.6	6
750	3.0	400	34.45	1.00	6.90	24.1	3.29	384	1.8	0.6	6
753	4.0	400	34.46	0.99	6.93	24.2	3.33	408	∅	0.6	6
756	5.0	400	34.46	1.00	6.94	24.2	3.43	452	-0.2	0.6	6
758	6.5	400	34.46	1.00	6.98	24.2	3.44	459	-1.6	0.6	6
805	Commence Sampling										
901	Sampling Complete 34.46										

Comments:

Monitoring Well Low-Flow Purge/Sampling Form

Project: GWTS

Well ID:	MC-48	Screened Interval (ft)	18-38' bTOC	Well Diameter (in):	2"
Date:	4/9/08	Pump Intake Depth (ft)	32' bTOC	Static Water Level (ft):	29.90 bTOC
Sample ID	MC-48	Purging/ Sample Device:	Portable	Total Well depth (ft):	37.94 bTOC
Time:	0945	PID Reading at TOC:	N/A	Water Column Length:	8.04
Dup ID:	—	Water Level Instrument :	Heck	Minimum Purge Volume:	2.10
Rinsate ID:	—	WLI Serial #:	562	Samplers Name:	M. Schmidt, D. Ortega
MS/MSD ID:	MC-48 (MS/MSD)	Water Quality Meter:	Horiba U-22	Optimal Pump Setting:	
Analysis:	GWTS Suite	Water Quality Meter Serial #:	1007046	PSI 60 CPM 4 ID: 101	
		WQM Calibrated Date & Time:	4/9/08 0730	Low-Flow or Net Purge:	Low Flow

Time	Volume Purged	Flow Rate	Water Level (feet TOC)	Specific Conductance (S/m)	pH	Temp.	DO (mg/L)	ORP (mV)	Turbidity (NTU)	Salinity	TDS
	Liters	ml/min	± 0.1 ft	3%	± 0.1	± 0.2	± 10%	± 10%	± 10%	%	g/L
929	.5	400	29.92	1.61	6.95	24.5	2.00	38	8.4	0.9	10
932	2.0	400	29.93	1.62	6.94	25.0	1.20	39	3.3	1.0	10
935	3.5	400	29.93	1.63	6.94	25.1	1.64	37	2.7	1.0	10
940	5.5	450	29.93	1.63	6.93	25.3	1.53	35	2.1	1.0	10
943	7.0	450	29.93	1.63	6.92	25.3	1.48	39	1.8	1.0	10
945	Commence Sampling										
1011	Sampling Complete		29.93								

Comments:

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Monitoring Well Low-Flow Purge/Sampling Form

Project: GWTS

Well ID:	MC-49	Screened Interval (ft)	22-42 btoc	Well Diameter (in):	2"
Date:	4/9/08	Pump Intake Depth (ft)	32' btoc	Static Water Level (ft):	27.72
Sample ID	MC-49	Purging/ Sample Device:	Portable	Total Well depth (ft):	41.38
Time:	1040	PID Reading at TOC:	n/a	Water Column Length:	13.66
Dup ID:	—	Water Level Instrument :	Keck	Minimum Purge Volume:	210 ml
Rinsate ID:	—	WLI Serial #:	562	Samplers Name:	M Schmidt, D. Morgan
MS/MSD ID:	—	Water Quality Meter:	Horiba U-22	Optimal Pump Setting:	
Analysis:	GWTS Suite	Water Quality Meter Serial #:	T007046	PSI 40 CPM 4 ID: 101	
		WQM Calibrated Date & Time:	4/9/08 0730	Low-Flow or Net Purge:	Low Flow

Time	Volume Purged	Flow Rate	Water Level (feet TOC)	Specific Conductance (S/m)	pH	Temp.	DO (mg/L)	ORP (mV)	Turbidity (NTU)	Salinity	TDS
	Liters	ml/min	± 0.1 ft	3%	± 0.1	± 0.2	± 10%	± 10%	± 10%	%	g/L
1028	Start pump										
1030	.5	400	27.75	1.65	6.91	24.9	1.74	-182	1.9	1.0	10
1033	1.0	400	27.75	1.63	6.94	25.1	0.78	-189	-3.0	1.0	10
1037	2.5	400	27.76	1.63	6.96	25.1	0.70	-189	-2.7	1.0	10
1040	3.5	400	27.74	1.63	6.95	25.2	0.64	-189	-2.1	1.0	10
1040	Commence Sampling										
1055	Sampling Complete 27.75										

Comments:

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Monitoring Well Low-Flow Purge/Sampling Form

Project: GWTS

Well ID:	MC-50	Screened Interval (ft)	26.51' bgs	Well Diameter (in):	2"
Date:	4/9/08	Pump Intake Depth (ft)	40'	Static Water Level (ft):	27.82
Sample ID	MC-50	Purging/ Sample Device:	Portable	Total Well depth (ft):	45.90
Time:	1230	PID Reading at TOC:	N/A	Water Column Length:	18.08
Dup ID:	—	Water Level Instrument :	Keck	Minimum Purge Volume:	270 ml
Rinsate ID:	—	WLI Serial #:	562	Samplers Name:	M. Schmidt, D. Ortega
MS/MSD ID:	—	Water Quality Meter:	Horiba U-22	Optimal Pump Setting:	
Analysis:	GWTS Suite	Water Quality Meter Serial #:	1007046	PSI 60 CPM 4 ID: 101	
		WQM Calibrated Date & Time:	4/9/08 0730	Low-Flow or Net Purge:	Low-Flow

Time	Volume Purged	Flow Rate	Water Level (feet TOC)	Specific Conductance (S/m)	pH	Temp.	DO (mg/L)	ORP (mV)	Turbidity (NTU)	Salinity	TDS
	Liters	ml/min	± 0.1 ft	3%	± 0.1	± 0.2	± 10%	± 10%	± 10%	%	g/L
1215	start pump										
1217	.5	450	27.85	1.68	6.96	25.4	1.24	78	12	1.0	10
1220	2.0	450	27.85	1.68	6.97	25.4	0.91	72	14.7	1.0	10
1223	3.5	450	27.84	1.68	6.98	25.5	0.74	66	15.1	1.0	10
1226	5.0	450	27.85	1.68	6.98	25.5	0.71	63	13.4	1.0	10
1229	6.5	450	27.85	1.68	6.99	25.5	0.68	60	12.3	1.0	10
1230	Commence Sampling										
1245	Sampling Complete 27.85										

Comments:

Monitoring Well Low-Flow Purge/Sampling Form

Project: GWTS

Well ID:	MC-51	Screened Interval (ft)	22-47'	Well Diameter (in):	2"
Date:	4/9/08	Pump Intake Depth (ft)	35' BTOC	Static Water Level (ft):	28.90
Sample ID	MC-51	Purging/ Sample Device:	Portable Bladder	Total Well depth (ft):	46.75
Time:		PID Reading at TOC:	N/A	Water Column Length:	17.85
Dup ID:	—	Water Level Instrument :	Keck	Minimum Purge Volume:	240 mL
Rinsate ID:	—	WLI Serial #:	562	Samplers Name:	M.S. D.O.
MS/MSD ID:	—	Water Quality Meter:	Horiba U-22	Optimal Pump Setting:	
Analysis:	GWTS Suite	Water Quality Meter Serial #:	T007046	PSI 60 CPM 4 ID: 101	
		WQM Calibrated Date & Time:	4-9-08 7:20 Am	Low-Flow or Net Purge:	Low-Flow

Time	Volume Purged	Flow Rate	Water Level (feet TOC)	Specific Conductance ( )	pH	Temp.	DO (mg/L)	ORP (mV)	Turbidity (NTU)	Salinity	TDS
Start 13:09	Liters	ml/min	± 0.1 ft	3%	± 0.1	± 0.2	± 10%	± 10%	± 10%	%	g/L
13:14	2.5 L	400	28.95	1.63	6.93	25.6	1.71	87	53.8	1.0	10
13:17	4.0 L	400	28.95	1.64	6.96	25.6	0.97	76	30.3	1.0	10
13:20	5.0 L	450	28.95	1.64	6.94	25.6	0.85	73	17.3	1.0	10
13:23	6.5 L	450	28.95	1.64	6.94	25.5	0.76	70	13.2	1.0	10
13:26	7.5 L	450	28.95	1.65	6.93	25.6	0.71	68	12.2	1.0	10
13:29	8.5 L	450	28.95	1.65	6.92	25.6	0.70	66	10.3	1.0	10
13:32	commenced sampling										
13:49	Sampling complete										
1355	Sampling Complete 28.95										

Comments:

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Monitoring Well Low-Flow Purge/Sampling Form

Project: GWTS

Well ID:	mc-53	Screened Interval (ft)	21-41	Well Diameter (in):	2"
Date:	4-9-08	Pump Intake Depth (ft)	35' DTOC	Static Water Level (ft):	29.70 BTOC
Sample ID	mc-53	Purging/ Sample Device:	Portable Bladders	Total Well depth (ft):	41.67 BTOC
Time:	2:30 pm	PID Reading at TOC:	NA	Water Column Length:	11.97
Dup ID:	NA	Water Level Instrument :	Keck	Minimum Purge Volume:	240 mL
Rinsate ID:	N/A	WLI Serial #:	562	Samplers Name:	M.S. D.O.
MS/MSD ID:	NA	Water Quality Meter:	Horiba U-22	Optimal Pump Setting:	
Analysis:	GWTS suite	Water Quality Meter Serial #:	T007046	PSI 60 CPM 4 ID: 101	
		WQM Calibrated Date & Time:	4-9-08 / 7:30 am	Low-Flow or Net Purge:	

Time	Volume Purged	Flow Rate	Water Level (feet TOC)	Specific Conductance ( )	pH	Temp.	DO (mg/L)	ORP (mV)	Turbidity (NTU)	Salinity	TDS
	Liters	ml/min	± 0.1 ft	3%	± 0.1	± 0.2	± 10%	± 10%	± 10%	%	g/L
2:11	started pump										
2:14	1 L	450	29.72	1.49	6.86	25.3	2.52	487	18.1	0.9	9
2:17	2.5 L	450	29.72	1.47	6.84	25.2	1.83	497	9.3	0.9	9
2:20	3.5 L	450	29.72	1.48	6.82	25.2	1.72	502	5.6	0.9	9
2:23	4.5 L	450	29.72	1.48	6.80	25.2	1.67	499	6.6	0.9	9
2:26	6.0 L	450	29.72	1.48	6.80	25.2	1.59	500	3.8	0.9	9
2:30	commence sampling										
1449	Sampling Completed		29.72								

Comments:

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Monitoring Well Low-Flow Purge/Sampling Form

Project: Tra-Sect Sampling

Well ID:	MC-46	Screened Interval (ft)	32-34?	Well Diameter (in):	2
Date:	4-16-08	Pump Intake Depth (ft)	32' btoc	Static Water Level (ft):	27.60 Tom
Sample ID	MC-46	Purging/ Sample Device:	Portable	Total Well depth (ft):	35.43
Time:	10:13	PID Reading at TOC:	N/A	Water Column Length:	7.83
Dup ID:	—	Water Level Instrument :	Keck	Minimum Purge Volume:	
Rinsate ID:	—	WLI Serial #:	562	Samplers Name:	D. Ortega, A Kirt
MS/MSD ID:	—	Water Quality Meter:	Horiba U-22	Optimal Pump Setting:	
Analysis:	~~Tra-Sect Sampling~~ GWTS Suite	Water Quality Meter Serial #:	T007048	PSI 60 CPM 4 ID: 101	
		WQM Calibrated Date & Time:	4-16-08/730	Low-Flow or Net Purge:	Low Flow

Time	Volume Purged	Flow Rate	Water Level (feet TOC)	Specific Conductance ( )	pH	Temp.	DO (mg/L)	ORP (mV)	Turbidity (NTU)	Salinity	TDS
	Liters	ml/min	± 0.1 ft	3%	± 0.1	± 0.2	± 10%	± 10%	± 10%	%	g/L
9:50	Commenced Pump										
9:55	.5L	400mL	27.60	1.38	6.25	25.0	2.41	112	1030	0.8	9
10:00	4L	450mL	27.61	1.40	5.96	25.2	1.46	123	24.4	0.8	9
10:05	6L	450mL	27.61	1.42	5.88	25.1	1.40	128	18.7	0.8	9
10:10	8L	450mL	27.61	1.45	5.86	25.2	1.32	124	13.9	0.8	9
10:13	started sampling										
10:15	sampling complete										

Comments:

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Monitoring Well Low-Flow Purge/Sampling Form

Project: Tra-Sect Sampling

Well ID:	MC-47	Screened Interval (ft)	26-45'	Well Diameter (in):	2"
Date:	4-16-08	Pump Intake Depth (ft)	30 btoc	Static Water Level (ft):	34.40 btoc
Sample ID	MC-47	Purging/ Sample Device:	Portable	Total Well depth (ft):	45.92 btoc
Time:		PID Reading at TOC:	N/A	Water Column Length:	11.52
Dup ID:	-	Water Level Instrument :	Keck	Minimum Purge Volume:	D.O AK.
Rinsate ID:	-	WLI Serial #:	562	Samplers Name:	
MS/MSD ID:	--	Water Quality Meter:	Horiba U-22	Optimal Pump Setting:	
Analysis:	GWTS Suite	Water Quality Meter Serial #:	T007046	PSI 60 CPM 4 ID: 101	
		WQM Calibrated Date & Time:	4-16-08/730Am	Low-Flow or Net Purge:	Low Flow

Time	Volume Purged	Flow Rate	Water Level (feet TOC)	Specific Conductance ( )	pH	Temp.	DO (mg/L)	ORP (mV)	Turbidity (NTU)	Salinity	TDS
	Liters	ml/min	± 0.1 ft	3%	± 0.1	± 0.2	± 10%	± 10%	± 10%	%	g/L
1:27	started	pump									
1:30	1L	400	34.42	1.01	6.29	24.9	4.75	495	128.0	0.6	6
1:33	2L	400	34.42	1.02	5.89	24.9	3.72	494	38.8	0.6	6
1:36	3L	400	34.42	1.02	5.71	24.8	2.96	491	19.9	0.6	6
1:39	4L	400	34.42	1.02	5.67	24.9	2.94	492	10.2	0.6	6
1:42	5L	400	34.42	1.02	5.67	24.9	2.94	492	10.2	0.6	6
1:45	Start	Sampling									
1:47	Sampling	Complete									

Comments:

Monitoring Well Low-Flow Purge/Sampling Form

Project: ~~GWTS~~ Tra-Sect Sampling

Well ID:	MC-48	Screened Interval (ft)	18-38 btoc	Well Diameter (in):	2"
Date:	4-16-08	Pump Intake Depth (ft)	32' btoc	Static Water Level (ft):	29.92 btoc
Sample ID	MC-48	Purging/ Sample Device:	Portable	Total Well depth (ft):	37.94 btoc
Time:	~~830~~ 840	PID Reading at TOC:	N/A	Water Column Length:	8.02
Dup ID:	MC-48 (DUP)	Water Level Instrument :	Keck	Minimum Purge Volume:	
Rinsate ID:	–	WLI Serial #:	562	Samplers Name:	
MS/MSD ID:		Water Quality Meter:	Horiba U-22	Optimal Pump Setting:	
Analysis:	GWTS Suits	Water Quality Meter Serial #:	T0070460	PSI 60 CPM 5 ID: 101	
		WQM Calibrated Date & Time:	4-16-08/ 730	Low-Flow or Net Purge:	Low Flow

Time	Volume Purged	Flow Rate	Water Level (feet TOC)	Specific Conductance ( )	pH	Temp.	DO (mg/L)	ORP (mV)	Turbidity (NTU)	Salinity	TDS
	Liters	ml/min	± 0.1 ft	3%	± 0.1	± 0.2	± 10%	± 10%	± 10%	%	g/L
800	commenced pump										
8:05	1L	300	29.92	1.55	5.60	24.4	2.20	165	4.7	0.9	10
8:08	2L	300	29.92	1.55	5.60	24.4	2.19	166	7.6	0.9	10
8:11	2.5L	350	29.93	1.59	5.65	24.7	2.31	172	4.7	0.9	10
8:14	3.5L	350	29.93	1.60	5.61	25.0	2.69	154	4.7	0.9	10
8:17	4.5L	350	29.93	1.59	6.15	25.3	2.37	209	5.1	0.9	10
8:20	5.5L	400	29.3	1.59	5.96	25.3	2.01	267	2.8	0.9	10
8:23	6.5L	450	29.3	1.59	5.91	25.3	1.95	283	1.8	0.9	10
8:26	7.5	450	29.3	1.59	5.82	25.3	1.98	286	1.0	0.9	10
8:40	started sampling										
8:44	sampling complete										

Comments: RN 222 samples were recolected because initial samples were lost by FedEx & exceeded hold time.

Monitoring Well Low-Flow Purge/Sampling Form

Project: Tra-Sect Sampling

Well ID:	MC-49	Screened Interval (ft)	22-42 btoc	Well Diameter (in):	2"
Date:	4-16-08	Pump Intake Depth (ft)	32' btoc	Static Water Level (ft):	27.82
Sample ID	MC-49	Purging/ Sample Device:	Portable	Total Well depth (ft):	41.38
Time:	9:22	PID Reading at TOC:	N/A	Water Column Length:	13.56
Dup ID:		Water Level Instrument :	Keck	Minimum Purge Volume:	
Rinsate ID:		WLI Serial #:	562	Samplers Name:	D. Ortega, A. Kirk
MS/MSD ID:		Water Quality Meter:	Horiba U-22	Optimal Pump Setting:	
Analysis:	~~Tra-Sect Sampling~~ GWTS Suite	Water Quality Meter Serial #:	7007046	PSI 50 CPM 4 ID: 101	
		WQM Calibrated Date & Time:	4-15-08/770	Low-Flow or Net Purge:	Low Flow

Time	Volume Purged	Flow Rate	Water Level (feet TOC)	Specific Conductance ( )	pH	Temp.	DO (mg/L)	ORP (mV)	Turbidity (NTU)	Salinity	TDS
	Liters	ml/min	± 0.1 ft	3%	± 0.1	± 0.2	± 10%	± 10%	± 10%	%	g/L
900	commenced pump										
9:05	2L	400	27.82	1.59	6.12	25.0	1.62	-114	23.2	0.9	10
9:10	4L	400	27.82	1.59	5.93	25.2	1.09	-127	4.2	0.9	10
9:15	6L	400	27.82	1.60	5.90	25.1	1.08	-136	3.4	0.9	10
9:20	8L	400	27.82	1.59	5.86	25.2	1.11	-140	2.1	0.9	10
9:22	commenced sampling										
9:23	sampling complete										

Comments:

Monitoring Well Low-Flow Purge/Sampling Form

Project: Tra-Sect Sampling

Well ID: MC-50
Date: 4-16-08
Sample ID: MC-50
Time: 11:20
Dup ID: –
Rinsate ID: –
MS/MSD ID: –
Analysis: GWTS Suite

Screened Interval (ft): 26.51' btoc
Pump Intake Depth (ft): 40'
Purging/ Sample Device: Portable
PID Reading at TOC: N/A
Water Level Instrument : Keck
WLI Serial #: 562
Water Quality Meter: Horiba U-22
Water Quality Meter Serial #: T0070416
WQM Calibrated Date & Time: 4-16-08 / 7:30

Well Diameter (in): 2
Static Water Level (ft): 27.88
Total Well depth (ft): 45.90
Water Column Length: 18.02
Minimum Purge Volume:
Samplers Name: D.O. A.K.
Optimal Pump Setting:
PSI 60 CPM 4 ID: 101
Low-Flow or Net Purge: Low-Flow

Time	Volume Purged	Flow Rate	Water Level (feet TOC)	Specific Conductance ( )	pH	Temp.	DO (mg/L)	ORP (mV)	Turbidity (NTU)	Salinity	TDS
	Liters	ml/min	± 0.1 ft	3%	± 0.1	± 0.2	± 10%	± 10%	± 10%	%	g/L
10:56	commenced pump										
11:01	2L	450	27.90	1.67	6.02	25.5	2.31	102	7.1	1.0	10
11:06	4L	450	27.90	1.65	5.92	25.5	1.42	87	3.8	1.0	10
11:11	6L	450	27.90	1.65	5.83	25.5	1.33	81	3.0	1.0	10
11:16	8L	450	27.90	1.66	5.79	25.5	1.32	78	3.0	1.0	10
11:20	started sampling										
11:22	sampling complete										

Comments:

Monitoring Well Low-Flow Purge/Sampling Form

Project: Tra-Sect sampling

Well ID:	MC-51	Screened Interval (ft)	22-47	Well Diameter (in):	2
Date:	4-16-08	Pump Intake Depth (ft)	35' btoc	Static Water Level (ft):	28.88
Sample ID	MC-51	Purging/ Sample Device:	Portable	Total Well depth (ft):	46.75
Time:	12:05	PID Reading at TOC:	N/A	Water Column Length:	17.87
Dup ID:	–	Water Level Instrument :	Keck	Minimum Purge Volume:	
Rinsate ID:	–	WLI Serial #:	562	Samplers Name:	D.O. AK
MS/MSD ID:	–	Water Quality Meter:	Horiba U22	Optimal Pump Setting:	
Analysis:	GWTS suite	Water Quality Meter Serial #:	1007046	PSI 60 CPM 4 ID: 101	
		WQM Calibrated Date & Time:	4-16-08/ 730am	Low-Flow or Net Purge:	Low-Flow

Time	Volume Purged	Flow Rate	Water Level (feet TOC)	Specific Conductance ( )	pH	Temp.	DO (mg/L)	ORP (mV)	Turbidity (NTU)	Salinity	TDS
11:[illegible]	Liters	ml/min	± 0.1 ft	3%	± 0.1	± 0.2	± 10%	± 10%	± 10%	%	g/L
11:[illegible]	started	pump									
11:45	1L	400	28.88	1.58	6.56	25.4	3.32	105	1530	0.9	10
11:50	2.5	400	28.90	1.62	6.03	25.6	1.64	90	53.1	1.0	10
11:55	4.5	400	28.90	1.63	5.97	25.6	1.48	82	25.3	1.0	10
12:00	6.5	400	28.91	1.64	5.97	25.6	1.45	80	18.2	1.0	10
12:05	started	sampling									
12:06	sampling	complete									

Comments:

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Monitoring Well Low-Flow Purge/Sampling Form

Project: Tra-Sect Sampling

Well ID: MC-53
Date: 4-16-08
Sample ID MC-53
Time: 1:10
Dup ID: -
Rinsate ID: -
MS/MSD ID: -
Analysis: GWTS Suite

Screened Interval (ft) 21-41
Pump Intake Depth (ft) 35' BTOC
Purging/ Sample Device: Portable bladder
PID Reading at TOC: N/A
Water Level Instrument : Keck
WLI Serial #: 562
Water Quality Meter: Horiba U-22
Water Quality Meter Serial #: 1007046
WQM Calibrated Date & Time: 4-16-08 / 730AM

Well Diameter (in): 2'
Static Water Level (ft): 29.69 BTOC
Total Well depth (ft): 41.67 BTOC
Water Column Length: 11.98
Minimum Purge Volume:
Samplers Name: D.O. AK
Optimal Pump Setting:
PSI 60 CPM 4 ID: 101
Low-Flow or Net Purge: Low-Flow

Time	Volume Purged	Flow Rate	Water Level (feet TOC)	Specific Conductance ( )	pH	Temp.	DO (mg/L)	ORP (mV)	Turbidity (NTU)	Salinity	TDS
	Liters	ml/min	± 0.1 ft	3%	± 0.1	± 0.2	± 10%	± 10%	± 10%	%	g/L
12:47	started pump										
12:50	1.5L	400	29.69	1.47	6.14	25.2	3.65	504	17.7	0.9	9
12:55	3L	400	29.69	1.47	5.95	25.2	2.78	504	5.6	0.9	9
1:00	4.5L	400	29.69	1.46	5.99	25.2	2.59	504	3.4	0.9	9
1:05	6L	400	29.69	1.45	6.01	25.2	2.30	504	2.6	0.9	9
1:10	started sampling										
1:11	Sampling complete										

Comments: