



June 19, 2007

Entrix, Inc
Brian Frantz
590 Ygnacio Valley Road
Walnut Creek, CA 94596

RE: Brooks Rand Project: ENX002; Report #: 07BR0714 & 07BR0741

Dear Mr. Frantz,

Thirty containers were received by Brooks Rand Labs (BRL) on May 24, 2007 and were assigned the BRL internal tracking number 07BR0714. Another ten containers, including two field blanks, were received on May 25, 2007 and were assigned the BRL internal tracking number 07BR0741. The requested analyses listed on the chain of custody (COC) forms were for total mercury (THg), and trace metals including arsenic (As), cadmium (Cd), chromium (Cr), copper (Cu), iron (Fe), nickel (Ni), magnesium (Mg) and lead (Pb). All sample tags matched the IDs listed on the COC form with exception to sample "RR-4 RM 22.5". This sample was logged in according to the label listed on the COC form. Additionally, sample collection dates were not provided for samples in tracking number 07BR0741.

The samples were received, stored, prepared, and analyzed according to BRL standard operating procedures (SOPs) and EPA Methods 1631 and 1638. All samples were stored in a cabinet in a locked storage room until further processing. The water samples were field filtered by the client through pre-cleaned 0.45- μ m filtration units. Please refer to the Quality Assurance (QA) Summaries for QA results.

The Cu, Mg, and Hg concentrations in the "Field Blank 2" (07BR0741-04) sample were above the method detection limit (MDL) and below the practical quantitation limit (PQL). Although these results were above the MDL, they are unquantifiable and are not representative of any contamination in the associated samples.

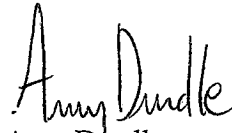
Results less than or equal to the MDL have been qualified "U" for non-detect and have been reported at the MDL. Results above the MDL and less than or equal to the PQL have been qualified "B" and should be considered estimates. All QA criteria were met. No additional qualification of the data was required.

If you have any questions regarding this report, please feel free to contact us at any time.

Sincerely,



Amanda Fawley
Project Manager
amanda@brooksrands.com



Amy Durdle
Project Coordinator
amy@brooksrands.com

Reported by**Brooks Rand LLC****Contact:** Amanda Fawley

3958 6th Avenue NW

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Summary of Results for**Entrix, Inc.****Contact:** Brian Frantz

590 Ygnacio Valley Road

Walnut Creek CA 94596

Tel: 925-988-1217

Lab Project # ENX002


Lab Tracking # 07BR0714

Lab Services Agreement ENX002

Sample/Sampling/Receiving Info**Entrix, Inc.****BRL**

Sample Identification	Sampling Date	Matrix	Submatrix	Sample Number	Receiving Date
MFAR-7 RM 26.0	5/22/2007	Water		07BR0714 - 01	5/24/2007
DC-1 RM 8.5	5/22/2007	Water		07BR0714 - 02	5/24/2007
DC-2 RM 8.0	5/22/2007	Water		07BR0714 - 03	5/24/2007
MFAR-1 RM 51.5	5/22/2007	Water		07BR0714 - 04	5/24/2007
MFAR-2 RM 46.5	5/22/2007	Water		07BR0714 - 05	5/24/2007
RR-2B	5/22/2007	Water		07BR0714 - 06	5/24/2007
RR-2 EC	5/22/2007	Water		07BR0714 - 07	5/24/2007
RR-2 DEC	5/22/2007	Water		07BR0714 - 08	5/24/2007
RR-2A	5/22/2007	Water		07BR0714 - 09	5/24/2007
HH-2	5/22/2007	Water		07BR0714 - 10	5/24/2007
HH-2 (S)	5/22/2007	Water		07BR0714 - 11	5/24/2007
HH-3	5/22/2007	Water		07BR0714 - 12	5/24/2007
HH-3 (S)	5/22/2007	Water		07BR0714 - 13	5/24/2007
HH-1	5/22/2007	Water		07BR0714 - 14	5/24/2007
HH-1 (S)	5/22/2007	Water		07BR0714 - 15	5/24/2007
MFAR-7 RM 26.0	5/22/2007	Water		07BR0714 - 16	5/24/2007
DC-1 RM 8.5	5/22/2007	Water		07BR0714 - 17	5/24/2007
DC-2 RM 8.0	5/22/2007	Water		07BR0714 - 18	5/24/2007
MFAR-1 RM 51.5	5/22/2007	Water		07BR0714 - 19	5/24/2007
MFAR-2 RM 46.5	5/22/2007	Water		07BR0714 - 20	5/24/2007
RR-2B	5/22/2007	Water		07BR0714 - 21	5/24/2007
RR-2 EC	5/22/2007	Water		07BR0714 - 22	5/24/2007
RR-2 DEC	5/22/2007	Water		07BR0714 - 23	5/24/2007
RR-2A	5/22/2007	Water		07BR0714 - 24	5/24/2007
HH-2	5/22/2007	Water		07BR0714 - 25	5/24/2007
HH-2 (S)	5/22/2007	Water		07BR0714 - 26	5/24/2007
HH-3	5/22/2007	Water		07BR0714 - 27	5/24/2007
HH-3 (S)	5/22/2007	Water		07BR0714 - 28	5/24/2007
HH-1	5/22/2007	Water		07BR0714 - 29	5/24/2007
HH-1 (S)	5/22/2007	Water		07BR0714 - 30	5/24/2007

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Lab Project # ENX002**Lab Tracking #** 07BR0714**Lab Services Agreement** ENX002**As**

Sample Identification	BRL Number	Total or Dissolved	Preparation date	Analysis date	Batch #	Result	Units	Qualifier (Q)
MFAR-7 RM 26.0	07BR0714 - 16	D	5/29/2007	6/4/2007	07-0534	0.230	µg/L	
DC-1 RM 8.5	07BR0714 - 17	D	5/29/2007	6/4/2007	07-0534	0.060	µg/L	U
DC-2 RM 8.0	07BR0714 - 18	D	5/29/2007	6/4/2007	07-0534	0.060	µg/L	U
MFAR-1 RM 51.5	07BR0714 - 19	D	5/29/2007	6/4/2007	07-0534	0.090	µg/L	B
MFAR-2 RM 46.5	07BR0714 - 20	D	5/29/2007	6/4/2007	07-0534	0.130	µg/L	B
RR-2B	07BR0714 - 21	D	5/29/2007	6/4/2007	07-0534	0.210	µg/L	
RR-2 EC	07BR0714 - 22	D	5/29/2007	6/4/2007	07-0534	0.060	µg/L	U
RR-2 DEC	07BR0714 - 23	D	5/29/2007	6/4/2007	07-0534	0.230	µg/L	
RR-2A	07BR0714 - 24	D	5/29/2007	6/4/2007	07-0534	0.210	µg/L	
HH-2	07BR0714 - 25	D	5/29/2007	6/4/2007	07-0534	0.210	µg/L	
HH-2 (S)	07BR0714 - 26	D	5/29/2007	6/4/2007	07-0534	0.190	µg/L	B
HH-3	07BR0714 - 27	D	5/29/2007	6/4/2007	07-0534	0.210	µg/L	
HH-3 (S)	07BR0714 - 28	D	5/29/2007	6/4/2007	07-0534	0.200	µg/L	B
HH-1	07BR0714 - 29	D	5/29/2007	6/4/2007	07-0534	0.200	µg/L	B
HH-1 (S)	07BR0714 - 30	D	5/29/2007	6/4/2007	07-0534	0.220	µg/L	

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Lab Project # ENX002

Lab Tracking # 07BR0714

Lab Services Agreement ENX002

Cd

Sample Identification	BRL Number	Total or Dissolved	Preparation date	Analysis date	Batch #	Result	Units	Qualifier (Q)
MFAR-7 RM 26.0	07BR0714 - 16	D	5/29/2007	6/4/2007	07-0534	0.004	µg/L	U
DC-1 RM 8.5	07BR0714 - 17	D	5/29/2007	6/4/2007	07-0534	0.005	µg/L	B
DC-2 RM 8.0	07BR0714 - 18	D	5/29/2007	6/4/2007	07-0534	0.005	µg/L	B
MFAR-1 RM 51.5	07BR0714 - 19	D	5/29/2007	6/4/2007	07-0534	0.006	µg/L	B
MFAR-2 RM 46.5	07BR0714 - 20	D	5/29/2007	6/4/2007	07-0534	0.004	µg/L	U
RR-2B	07BR0714 - 21	D	5/29/2007	6/4/2007	07-0534	0.004	µg/L	U
RR-2 EC	07BR0714 - 22	D	5/29/2007	6/4/2007	07-0534	0.004	µg/L	U
RR-2 DEC	07BR0714 - 23	D	5/29/2007	6/4/2007	07-0534	0.004	µg/L	U
RR-2A	07BR0714 - 24	D	5/29/2007	6/4/2007	07-0534	0.004	µg/L	U
HH-2	07BR0714 - 25	D	5/29/2007	6/4/2007	07-0534	0.004	µg/L	U
HH-2 (S)	07BR0714 - 26	D	5/29/2007	6/4/2007	07-0534	0.004	µg/L	U
HH-3	07BR0714 - 27	D	5/29/2007	6/4/2007	07-0534	0.004	µg/L	U
HH-3 (S)	07BR0714 - 28	D	5/29/2007	6/4/2007	07-0534	0.004	µg/L	U
HH-1	07BR0714 - 29	D	5/29/2007	6/4/2007	07-0534	0.004	µg/L	U
HH-1 (S)	07BR0714 - 30	D	5/29/2007	6/4/2007	07-0534	0.004	µg/L	U

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Lab Project # ENX002**Lab Tracking #** 07BR0714**Lab Services Agreement** ENX002**Cr**

Sample Identification	BRL Number	Total or Dissolved	Preparation date	Analysis date	Batch #	Result	Units	Qualifier (Q)
MFAR-7 RM 26.0	07BR0714 - 16	D	5/29/2007	6/4/2007	07-0534	0.030	µg/L	U
DC-1 RM 8.5	07BR0714 - 17	D	5/29/2007	6/4/2007	07-0534	0.030	µg/L	U
DC-2 RM 8.0	07BR0714 - 18	D	5/29/2007	6/4/2007	07-0534	0.030	µg/L	U
MFAR-1 RM 51.5	07BR0714 - 19	D	5/29/2007	6/4/2007	07-0534	0.030	µg/L	U
MFAR-2 RM 46.5	07BR0714 - 20	D	5/29/2007	6/4/2007	07-0534	0.030	µg/L	U
RR-2B	07BR0714 - 21	D	5/29/2007	6/4/2007	07-0534	0.030	µg/L	U
RR-2 EC	07BR0714 - 22	D	5/29/2007	6/4/2007	07-0534	0.030	µg/L	U
RR-2 DEC	07BR0714 - 23	D	5/29/2007	6/4/2007	07-0534	0.030	µg/L	U
RR-2A	07BR0714 - 24	D	5/29/2007	6/4/2007	07-0534	0.030	µg/L	U
HH-2	07BR0714 - 25	D	5/29/2007	6/4/2007	07-0534	0.030	µg/L	U
HH-2 (S)	07BR0714 - 26	D	5/29/2007	6/4/2007	07-0534	0.030	µg/L	U
HH-3	07BR0714 - 27	D	5/29/2007	6/4/2007	07-0534	0.030	µg/L	U
HH-3 (S)	07BR0714 - 28	D	5/29/2007	6/4/2007	07-0534	0.030	µg/L	U
HH-1	07BR0714 - 29	D	5/29/2007	6/4/2007	07-0534	0.030	µg/L	U
HH-1 (S)	07BR0714 - 30	D	5/29/2007	6/4/2007	07-0534	0.030	µg/L	U

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Lab Project # ENX002**Lab Tracking #** 07BR0714**Lab Services Agreement** ENX002**Cu**

Sample Identification	BRL Number	Total or Dissolved	Preparation date	Analysis date	Batch #	Result	Units	Qualifier (Q)
MFAR-7 RM 26.0	07BR0714 - 16	D	5/29/2007	6/4/2007	07-0534	0.330	µg/L	
DC-1 RM 8.5	07BR0714 - 17	D	5/29/2007	6/4/2007	07-0534	0.150	µg/L	B
DC-2 RM 8.0	07BR0714 - 18	D	5/29/2007	6/4/2007	07-0534	0.160	µg/L	B
MFAR-1 RM 51.5	07BR0714 - 19	D	5/29/2007	6/4/2007	07-0534	0.160	µg/L	B
MFAR-2 RM 46.5	07BR0714 - 20	D	5/29/2007	6/4/2007	07-0534	0.190	µg/L	B
RR-2B	07BR0714 - 21	D	5/29/2007	6/4/2007	07-0534	0.310	µg/L	
RR-2 EC	07BR0714 - 22	D	5/29/2007	6/4/2007	07-0534	0.300	µg/L	
RR-2 DEC	07BR0714 - 23	D	5/29/2007	6/4/2007	07-0534	0.300	µg/L	
RR-2A	07BR0714 - 24	D	5/29/2007	6/4/2007	07-0534	0.320	µg/L	
HH-2	07BR0714 - 25	D	5/29/2007	6/4/2007	07-0534	0.290	µg/L	
HH-2 (S)	07BR0714 - 26	D	5/29/2007	6/4/2007	07-0534	0.270	µg/L	
HH-3	07BR0714 - 27	D	5/29/2007	6/4/2007	07-0534	0.260	µg/L	
HH-3 (S)	07BR0714 - 28	D	5/29/2007	6/4/2007	07-0534	0.250	µg/L	
HH-1	07BR0714 - 29	D	5/29/2007	6/4/2007	07-0534	0.490	µg/L	
HH-1 (S)	07BR0714 - 30	D	5/29/2007	6/4/2007	07-0534	0.270	µg/L	

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Lab Project # ENX002**Lab Tracking #** 07BR0714**Lab Services Agreement** ENX002**Fe**

Sample Identification	BRL Number	Total or Dissolved	Preparation date	Analysis date	Batch #	Result	Units	Qualifier (Q)
MFAR-7 RM 26.0	07BR0714 - 16	D	5/29/2007	6/12/2007	07-0534b	2.600	µg/L	B
DC-1 RM 8.5	07BR0714 - 17	D	5/29/2007	6/12/2007	07-0534b	1.400	µg/L	U
DC-2 RM 8.0	07BR0714 - 18	D	5/29/2007	6/12/2007	07-0534b	19.300	µg/L	
MFAR-1 RM 51.5	07BR0714 - 19	D	5/29/2007	6/12/2007	07-0534b	5.000	µg/L	B
MFAR-2 RM 46.5	07BR0714 - 20	D	5/29/2007	6/12/2007	07-0534b	135.000	µg/L	
RR-2B	07BR0714 - 21	D	5/29/2007	6/12/2007	07-0534b	1.400	µg/L	U
RR-2 EC	07BR0714 - 22	D	5/29/2007	6/12/2007	07-0534b	1.400	µg/L	U
RR-2 DEC	07BR0714 - 23	D	5/29/2007	6/12/2007	07-0534b	1.400	µg/L	U
RR-2A	07BR0714 - 24	D	5/29/2007	6/12/2007	07-0534b	1.400	µg/L	U
HH-2	07BR0714 - 25	D	5/29/2007	6/12/2007	07-0534b	1.400	µg/L	U
HH-2 (S)	07BR0714 - 26	D	5/29/2007	6/12/2007	07-0534b	1.400	µg/L	U
HH-3	07BR0714 - 27	D	5/29/2007	6/12/2007	07-0534b	1.400	µg/L	U
HH-3 (S)	07BR0714 - 28	D	5/29/2007	6/12/2007	07-0534b	1.400	µg/L	U
HH-1	07BR0714 - 29	D	5/29/2007	6/12/2007	07-0534b	1.400	µg/L	U
HH-1 (S)	07BR0714 - 30	D	5/29/2007	6/12/2007	07-0534b	1.400	µg/L	U

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Hg

Sample Identification	BRL Number	Total or Dissolved	Preparation date	Analysis date	Batch #	Result	Units	Qualifier (Q)
MFAR-7 RM 26.0	07BR0714 - 01	T	5/31/2007	6/1/2007	07-0553	0.330	ng/L	B
DC-1 RM 8.5	07BR0714 - 02	T	5/31/2007	6/1/2007	07-0553	0.360	ng/L	B
DC-2 RM 8.0	07BR0714 - 03	T	5/31/2007	6/1/2007	07-0553	0.270	ng/L	B
MFAR-1 RM 51.5	07BR0714 - 04	T	5/31/2007	6/1/2007	07-0553	0.430	ng/L	
MFAR-2 RM 46.5	07BR0714 - 05	T	5/31/2007	6/1/2007	07-0553	0.330	ng/L	B
RR-2B	07BR0714 - 06	T	5/31/2007	6/1/2007	07-0553	0.480	ng/L	
RR-2 EC	07BR0714 - 07	T	5/31/2007	6/1/2007	07-0553	0.750	ng/L	
RR-2 DEC	07BR0714 - 08	T	5/31/2007	6/1/2007	07-0553	0.630	ng/L	
RR-2A	07BR0714 - 09	T	5/31/2007	6/1/2007	07-0553	0.540	ng/L	
HH-2	07BR0714 - 10	T	5/31/2007	6/1/2007	07-0553	0.680	ng/L	
HH-2 (S)	07BR0714 - 11	T	5/31/2007	6/1/2007	07-0553	0.350	ng/L	B
HH-3	07BR0714 - 12	T	5/31/2007	6/1/2007	07-0553	0.740	ng/L	
HH-3 (S)	07BR0714 - 13	T	5/31/2007	6/1/2007	07-0553	0.520	ng/L	
HH-1	07BR0714 - 14	T	5/31/2007	6/1/2007	07-0553	0.650	ng/L	
HH-1 (S)	07BR0714 - 15	T	5/31/2007	6/1/2007	07-0553	0.510	ng/L	

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Mg

Sample Identification	BRL Number	Total or Dissolved	Preparation date	Analysis date	Batch #	Result	Units	Qualifier (Q)
MFAR-7 RM 26.0	07BR0714 - 16	D	5/29/2007	6/4/2007	07-0534	1,320.000	µg/L	
DC-1 RM 8.5	07BR0714 - 17	D	5/29/2007	6/4/2007	07-0534	720.000	µg/L	
DC-2 RM 8.0	07BR0714 - 18	D	5/29/2007	6/4/2007	07-0534	723.000	µg/L	
MFAR-1 RM 51.5	07BR0714 - 19	D	5/29/2007	6/4/2007	07-0534	617.000	µg/L	
MFAR-2 RM 46.5	07BR0714 - 20	D	5/29/2007	6/4/2007	07-0534	621.000	µg/L	
RR-2B	07BR0714 - 21	D	5/29/2007	6/4/2007	07-0534	560.000	µg/L	
RR-2 EC	07BR0714 - 22	D	5/29/2007	6/4/2007	07-0534	271.000	µg/L	
RR-2 DEC	07BR0714 - 23	D	5/29/2007	6/4/2007	07-0534	542.000	µg/L	
RR-2A	07BR0714 - 24	D	5/29/2007	6/4/2007	07-0534	551.000	µg/L	
HH-2	07BR0714 - 25	D	5/29/2007	6/4/2007	07-0534	531.000	µg/L	
HH-2 (S)	07BR0714 - 26	D	5/29/2007	6/4/2007	07-0534	528.000	µg/L	
HH-3	07BR0714 - 27	D	5/29/2007	6/4/2007	07-0534	512.000	µg/L	
HH-3 (S)	07BR0714 - 28	D	5/29/2007	6/4/2007	07-0534	520.000	µg/L	
HH-1	07BR0714 - 29	D	5/29/2007	6/4/2007	07-0534	531.000	µg/L	
HH-1 (S)	07BR0714 - 30	D	5/29/2007	6/4/2007	07-0534	524.000	µg/L	

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Sample Identification	BRL Number	Total or Dissolved	Preparation date	Analysis date	Batch #	Result	Units	Qualifier (Q)
MFAR-7 RM 26.0	07BR0714 - 16	D	5/29/2007	6/4/2007	07-0534	0.210	µg/L	
DC-1 RM 8.5	07BR0714 - 17	D	5/29/2007	6/4/2007	07-0534	0.180	µg/L	B
DC-2 RM 8.0	07BR0714 - 18	D	5/29/2007	6/4/2007	07-0534	0.170	µg/L	B
MFAR-1 RM 51.5	07BR0714 - 19	D	5/29/2007	6/4/2007	07-0534	0.080	µg/L	B
MFAR-2 RM 46.5	07BR0714 - 20	D	5/29/2007	6/4/2007	07-0534	0.060	µg/L	B
RR-2B	07BR0714 - 21	D	5/29/2007	6/4/2007	07-0534	0.090	µg/L	B
RR-2 EC	07BR0714 - 22	D	5/29/2007	6/4/2007	07-0534	0.300	µg/L	
RR-2 DEC	07BR0714 - 23	D	5/29/2007	6/4/2007	07-0534	0.090	µg/L	B
RR-2A	07BR0714 - 24	D	5/29/2007	6/4/2007	07-0534	0.080	µg/L	B
HH-2	07BR0714 - 25	D	5/29/2007	6/4/2007	07-0534	0.100	µg/L	B
HH-2 (S)	07BR0714 - 26	D	5/29/2007	6/4/2007	07-0534	0.110	µg/L	B
HH-3	07BR0714 - 27	D	5/29/2007	6/4/2007	07-0534	0.090	µg/L	B
HH-3 (S)	07BR0714 - 28	D	5/29/2007	6/4/2007	07-0534	0.090	µg/L	B
HH-1	07BR0714 - 29	D	5/29/2007	6/4/2007	07-0534	0.100	µg/L	B
HH-1 (S)	07BR0714 - 30	D	5/29/2007	6/4/2007	07-0534	0.100	µg/L	B

Monday, June 18, 2007


Project Manager

Reported by**Brooks Rand LLC****Contact:** Amanda Fawley

3958 6th Avenue NW

Seattle, WA 98107

Tel: 206-632-6206 Fax: 206-632-6017

Summary of Results for**Entrix, Inc.****Contact:** Brian Frantz

590 Ygnacio Valley Road

Walnut Creek CA 94596

Tel: 925-988-1217

Lab Project # ENX002**Lab Tracking #** 07BR0714**Lab Services Agreement** ENX002**Pb**

Sample Identification	BRL Number	Total or Dissolved	Preparation date	Analysis date	Batch #	Result	Units	Qualifier (Q)
MFAR-7 RM 26.0	07BR0714 - 16	D	5/29/2007	6/4/2007	07-0534	0.010	µg/L	U
DC-1 RM 8.5	07BR0714 - 17	D	5/29/2007	6/4/2007	07-0534	0.010	µg/L	U
DC-2 RM 8.0	07BR0714 - 18	D	5/29/2007	6/4/2007	07-0534	0.010	µg/L	U
MFAR-1 RM 51.5	07BR0714 - 19	D	5/29/2007	6/4/2007	07-0534	0.030	µg/L	B
MFAR-2 RM 46.5	07BR0714 - 20	D	5/29/2007	6/4/2007	07-0534	0.010	µg/L	U
RR-2B	07BR0714 - 21	D	5/29/2007	6/4/2007	07-0534	0.010	µg/L	U
RR-2 EC	07BR0714 - 22	D	5/29/2007	6/4/2007	07-0534	0.010	µg/L	U
RR-2 DEC	07BR0714 - 23	D	5/29/2007	6/4/2007	07-0534	0.010	µg/L	U
RR-2A	07BR0714 - 24	D	5/29/2007	6/4/2007	07-0534	0.010	µg/L	U
HH-2	07BR0714 - 25	D	5/29/2007	6/4/2007	07-0534	0.010	µg/L	U
HH-2 (S)	07BR0714 - 26	D	5/29/2007	6/4/2007	07-0534	0.010	µg/L	U
HH-3	07BR0714 - 27	D	5/29/2007	6/4/2007	07-0534	0.010	µg/L	U
HH-3 (S)	07BR0714 - 28	D	5/29/2007	6/4/2007	07-0534	0.010	µg/L	U
HH-1	07BR0714 - 29	D	5/29/2007	6/4/2007	07-0534	0.010	µg/L	U
HH-1 (S)	07BR0714 - 30	D	5/29/2007	6/4/2007	07-0534	0.010	µg/L	U

Monday, June 18, 2007


Project Manager

Reported by**Brooks Rand LLC****Contact:** Amanda Fawley

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Summary of Results for**Entrix, Inc.****Contact:** Brian Frantz

590 Ygnacio Valley Road

Walnut Creek CA 94596

Tel: 925-988-1217

Lab Project # ENX002**Lab Tracking #** 07BR0741**Lab Services Agreement** ENX002

Sample/Sampling/Receiving Info

Entrix, Inc.**Sample****Identification**

SFRR-1 RM 0.0

RR-3 RM 23.0

RR-4 RM 22.5

Field Blank 2

RR-1 RM 36.0

SFRR-1 RM 0.0

RR-3 RM 23.0

RR-4 RM 22.5

Field Blank 2

RR-1 RM 36.0

Sampling Date**Matrix****Submatrix**

Water

Water

Water

Water

Water

Water

Water

Water

Water

Water

Blank

Blank

BRL**Sample Number****Receiving Date**

07BR0741 - 01

07BR0741 - 02

07BR0741 - 03

07BR0741 - 04

07BR0741 - 05

07BR0741 - 06

07BR0741 - 07

07BR0741 - 08

07BR0741 - 09

07BR0741 - 10

5/25/2007

5/25/2007

5/25/2007

5/25/2007

5/25/2007

5/25/2007

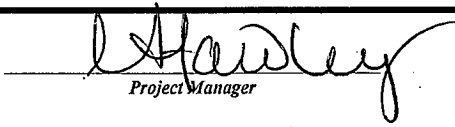
5/25/2007

5/25/2007

5/25/2007

5/25/2007

Monday, June 18, 2007


Project Manager

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Summary of Results for**Entrix, Inc.****Contact:** Brian Frantz

590 Ygnacio Valley Road

Walnut Creek CA 94596

Tel: 925-988-1217

Lab Project # ENX002**Lab Tracking #** 07BR0741**Lab Services Agreement** ENX002

As

Sample Identification	BRL Number	Total or Dissolved	Preparation date	Analysis date	Batch #	Result	Units	Qualifier (Q)
SFRR-1 RM 0.0	07BR0741 - 06	D	5/29/2007	6/4/2007	07-0534	0.060	µg/L	U
RR-3 RM 23.0	07BR0741 - 07	D	5/29/2007	6/4/2007	07-0534	0.190	µg/L	B
RR-4 RM 22.5	07BR0741 - 08	D	5/29/2007	6/4/2007	07-0534	0.170	µg/L	B
Field Blank 2	07BR0741 - 09	D	5/29/2007	6/4/2007	07-0534	0.060	µg/L	U
RR-1 RM 36.0	07BR0741 - 10	D	5/29/2007	6/4/2007	07-0534	0.330	µg/L	

Monday, June 18, 2007


Project Manager

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Summary of Results for
Entrix, Inc.

Contact: Brian Frantz

590 Ygnacio Valley Road

Walnut Creek CA 94596

Tel: 925-988-1217

Lab Project # ENX002
Lab Tracking # 07BR0741

Lab Services Agreement ENX002

Cd

Sample Identification	BRL Number	Total or Dissolved	Preparation date	Analysis date	Batch #	Result	Units	Qualifier (Q)
SFRR-1 RM 0.0	07BR0741 - 06	D	5/29/2007	6/4/2007	07-0534	0.004	µg/L	U
RR-3 RM 23.0	07BR0741 - 07	D	5/29/2007	6/4/2007	07-0534	0.004	µg/L	U
RR-4 RM 22.5	07BR0741 - 08	D	5/29/2007	6/4/2007	07-0534	0.004	µg/L	U
Field Blank 2	07BR0741 - 09	D	5/29/2007	6/4/2007	07-0534	0.004	µg/L	U
RR-1 RM 36.0	07BR0741 - 10	D	5/29/2007	6/4/2007	07-0534	0.004	µg/L	U

Monday, June 18, 2007


Project Manager

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3958 6th Avenue NW

Seattle, WA 98107

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Summary of Results for**Entrix, Inc.****Contact:** Brian Frantz

590 Ygnacio Valley Road

Walnut Creek CA 94596

Tel: 925-988-1217

Lab Project # ENX002**Lab Tracking #** 07BR0741**Lab Services Agreement** ENX002

Cr

Sample Identification	BRL Number	Total or Dissolved	Preparation date	Analysis date	Batch #	Result	Units	Qualifier (Q)
SFRR-1 RM 0.0	07BR0741 - 06	D	5/29/2007	6/4/2007	07-0534	0.030	µg/L	U
RR-3 RM 23.0	07BR0741 - 07	D	5/29/2007	6/4/2007	07-0534	0.030	µg/L	U
RR-4 RM 22.5	07BR0741 - 08	D	5/29/2007	6/4/2007	07-0534	0.030	µg/L	U
Field Blank 2	07BR0741 - 09	D	5/29/2007	6/4/2007	07-0534	0.030	µg/L	U
RR-1 RM 36.0	07BR0741 - 10	D	5/29/2007	6/4/2007	07-0534	0.030	µg/L	U

Monday, June 18, 2007


Project Manager

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3958 6th Avenue NW

Seattle, WA 98107

Tel: 206-632-6206 Fax: 206-632-6017

Summary of Results for**Entrix, Inc.****Contact:** Brian Frantz

590 Ygnacio Valley Road

Walnut Creek CA 94596

Tel: 925-988-1217

Lab Project # ENX002**Lab Tracking #** 07BR0741**Lab Services Agreement** ENX002

Cu

Sample Identification	BRL Number	Total or Dissolved	Preparation date	Analysis date	Batch #	Result	Units	Qualifier (Q)
SFRR-1 RM 0.0	07BR0741 - 06	D	5/29/2007	6/4/2007	07-0534	0.130	µg/L	B
RR-3 RM 23.0	07BR0741 - 07	D	5/29/2007	6/4/2007	07-0534	0.430	µg/L	
RR-4 RM 22.5	07BR0741 - 08	D	5/29/2007	6/4/2007	07-0534	0.380	µg/L	
Field Blank 2	07BR0741 - 09	D	5/29/2007	6/4/2007	07-0534	0.070	µg/L	B
RR-1 RM 36.0	07BR0741 - 10	D	5/29/2007	6/4/2007	07-0534	0.200	µg/L	B

Monday, June 18, 2007


Project Manager

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Summary of Results for

Entrix, Inc.

Contact: Brian Frantz

590 Ygnacio Valley Road

Walnut Creek CA 94596

Tel: 925-988-1217

Lab Project # ENX002

Lab Tracking # 07BR0741

Lab Services Agreement ENX002

Fe

Sample Identification	BRL Number	Total or Dissolved	Preparation date	Analysis date	Batch #	Result	Units	Qualifier (Q)
SFRR-1 RM 0.0	07BR0741 - 06	D	5/29/2007	6/12/2007	07-0534b	1.400	µg/L	U
RR-3 RM 23.0	07BR0741 - 07	D	5/29/2007	6/12/2007	07-0534b	1.400	µg/L	U
RR-4 RM 22.5	07BR0741 - 08	D	5/29/2007	6/12/2007	07-0534b	1.400	µg/L	U
Field Blank 2	07BR0741 - 09	D	5/29/2007	6/12/2007	07-0534b	1.400	µg/L	U
RR-1 RM 36.0	07BR0741 - 10	D	5/29/2007	6/12/2007	07-0534b	14.700	µg/L	

Monday, June 18, 2007


Project Manager

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Summary of Results for**Entrix, Inc.****Contact:** Brian Frantz

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Tel: 925-988-1217

Lab Project # ENX002**Lab Tracking #** 07BR0741**Lab Services Agreement** ENX002

Hg

Sample Identification	BRL Number	Total or Dissolved	Preparation date	Analysis date	Batch #	Result	Units	Qualifier (Q)
SFRR-1 RM 0.0	07BR0741 - 01	T	6/1/2007	6/5/2007	07-0567	0.410	ng/L	
RR-3 RM 23.0	07BR0741 - 02	T	6/1/2007	6/5/2007	07-0567	0.370	ng/L	B
RR-4 RM 22.5	07BR0741 - 03	T	6/1/2007	6/5/2007	07-0567	0.320	ng/L	B
Field Blank 2	07BR0741 - 04	T	6/1/2007	6/5/2007	07-0567	0.260	ng/L	B
RR-1 RM 36.0	07BR0741 - 05	T	6/5/2007	6/6/2007	07-0559	0.480	ng/L	

Monday, June 18, 2007


Project Manager

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Summary of Results for

Entrix, Inc.

Contact: Brian Frantz

590 Ygnacio Valley Road

Walnut Creek CA 94596

Tel: 925-988-1217

Lab Project # ENX002


Lab Tracking # 07BR0741

Lab Services Agreement ENX002

Mg

Sample Identification	BRL Number	Total or Dissolved	Preparation date	Analysis date	Batch #	Result	Units	Qualifier (Q)
SFRR-1 RM 0.0	07BR0741 - 06	D	5/29/2007	6/4/2007	07-0534	517.000	µg/L	
RR-3 RM 23.0	07BR0741 - 07	D	5/29/2007	6/4/2007	07-0534	653.000	µg/L	
RR-4 RM 22.5	07BR0741 - 08	D	5/29/2007	6/4/2007	07-0534	621.000	µg/L	
Field Blank 2	07BR0741 - 09	D	5/29/2007	6/4/2007	07-0534	0.700	µg/L	B
RR-1 RM 36.0	07BR0741 - 10	D	5/29/2007	6/4/2007	07-0534	439.000	µg/L	

Monday, June 18, 2007


Project Manager

Reported by**Brooks Rand LLC****Contact:** Amanda Fawley

3958 6th Avenue NW

Seattle, WA 98107

Tel: 206-632-6206 Fax: 206-632-6017

Summary of Results for**Entrix, Inc.****Contact:** Brian Frantz

590 Ygnacio Valley Road

Walnut Creek CA 94596

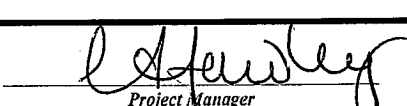
Tel: 925-988-1217

Lab Project # ENX002**Lab Tracking #** 07BR0741**Lab Services Agreement** ENX002

Ni

Sample Identification	BRL Number	Total or Dissolved	Preparation date	Analysis date	Batch #	Result	Units	Qualifier (Q)
SFRR-1 RM 0.0	07BR0741 - 06	D	5/29/2007	6/4/2007	07-0534	0.100	µg/L	B
RR-3 RM 23.0	07BR0741 - 07	D	5/29/2007	6/4/2007	07-0534	0.100	µg/L	B
RR-4 RM 22.5	07BR0741 - 08	D	5/29/2007	6/4/2007	07-0534	0.090	µg/L	B
Field Blank 2	07BR0741 - 09	D	5/29/2007	6/4/2007	07-0534	0.040	µg/L	U
RR-1 RM 36.0	07BR0741 - 10	D	5/29/2007	6/4/2007	07-0534	0.090	µg/L	B

Monday, June 18, 2007


Project Manager

Reported by**Brooks Rand LLC****Contact:** Amanda Fawley

3958 6th Avenue NW

Seattle, WA 98107

Tel: 206-632-6206 Fax: 206-632-6017

Summary of Results for**Entrix, Inc.****Contact:** Brian Frantz

590 Ygnacio Valley Road

Walnut Creek CA 94596

Tel: 925-988-1217

Lab Project # ENX002**Lab Tracking #** 07BR0741**Lab Services Agreement** ENX002

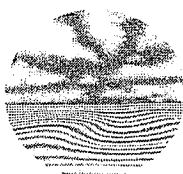
Pb

Sample Identification	BRL Number	Total or Dissolved	Preparation date	Analysis date	Batch #	Result	Units	Qualifier (Q)
SFRR-1 RM 0.0	07BR0741 - 06	D	5/29/2007	6/4/2007	07-0534	0.010	µg/L	U
RR-3 RM 23.0	07BR0741 - 07	D	5/29/2007	6/4/2007	07-0534	0.050	µg/L	B
RR-4 RM 22.5	07BR0741 - 08	D	5/29/2007	6/4/2007	07-0534	0.010	µg/L	U
Field Blank 2	07BR0741 - 09	D	5/29/2007	6/4/2007	07-0534	0.010	µg/L	U
RR-1 RM 36.0	07BR0741 - 10	D	5/29/2007	6/4/2007	07-0534	0.010	µg/L	U

Monday, June 18, 2007


Project Manager

QUALITY ASSURANCE SUMMARY



BROOKSRAND
TRACE METALS ANALYSIS & PRODUCTS

3958 6th Avenue NW
Seattle, WA 98107
Voice: 206-632-6206
Fax: 206-632-6017

Batch #: 07-0534

Method #: EPA 1638 Mod. (ICP-MS)

Analyte: Trace Metals

Matrix: Water

BIAS						
Certified Reference Materials (CRM)						
Analyte	NIST 1640			NIST 1643e		
	Certified Value µg/L	Measured Value µg/L	Recovery %	Certified Value µg/L	Measured Value µg/L	Recovery %
Mg	5819	6030	104%	8037	8553	106%
Ca	7045	6972	99%	32300	31327	97%
Cr	38.6	37.8	98%	20.4	21.6	106%
Ni	27.4	28.8	105%	62.41	66.43	106%
Cu	85.2	85.1	100%	22.76	22.66	100%
As	26.67	25.47	96%	60.45	55.84	92%
Cd	22.79	22.78	100%	6.568	6.784	103%
Pb	27.89	29.29	105%	19.63	19.86	101%

Criteria: Recovery = 75-125%

BIAS			
Certified Reference Materials (CRM)			
Analyte	ERA - Hardness		
	Certified Value µg/L	Measured Value µg/L	Recovery %
Mg	6550	6177	94%
Ca	32400	29533	91%

Criterion: ICV Recovery = 75-125%

BIAS								
Sample 07BR0681-10 Matrix Spike and Matrix Spike Duplicate Analysis (MS/MSD)								
Analyte	Sample Value µg/L	Matrix Spike			Matrix Spike Duplicate			Duplicate RPD
		Spiked Value µg/L	Measured Value µg/L	MS Recovery %	Spiked Value µg/L	Measured Value µg/L	MSD Recovery %	
Mg	880.6	2000	2880	100%	2000	2827	97%	2%
Cr	-0.17	1.00	0.73	90%	1.00	0.73	90%	0%
Ni	0.16	1.00	1.08	92%	1.00	1.08	92%	0%
Cu	0.13	1.00	1.15	101%	1.00	1.17	104%	2%
As	0.04	1.00	0.99	95%	1.00	0.99	94%	1%
Cd	0.001	0.500	0.506	101%	0.500	0.504	101%	0%
Pb	0.00	0.50	0.53	107%	0.50	0.53	106%	1%

Criteria: Recovery = 75-125%, RPD <25%

BIAS								
Sample 07BR0681-16 Matrix Spike and Matrix Spike Duplicate Analysis (MS/MSD)								
Analyte	Sample Value µg/L	Matrix Spike			Matrix Spike Duplicate			Duplicate RPD
		Spiked Value µg/L	Measured Value µg/L	MS Recovery %	Spiked Value µg/L	Measured Value µg/L	MSD Recovery %	
Mg	1573	2000	3571	100%	2000	3571	100%	0%
Cr	-0.11	1.00	0.81	92%	1.00	0.81	92%	1%
Ni	0.38	1.00	1.28	90%	1.00	1.28	91%	0%
Cu	0.43	1.00	1.43	100%	1.00	1.40	97%	2%
As	0.45	1.00	1.34	89%	1.00	1.32	87%	1%
Cd	0.004	0.500	0.500	99%	0.500	0.483	96%	3%
Pb	0.00	0.50	0.52	104%	0.50	0.51	102%	2%

Criteria: Recovery = 75-125%, RPD <25%

F. M. [Signature]
Quality Assurance Officer

[Signature]
Project Manager

QUALITY ASSURANCE SUMMARY

Batch #: 07-0534 (continued)

Method #: EPA 1638 Mod. (ICP-MS)

Analyte: Trace Metals

Matrix: Water

BIAS					Criteria: Recovery = 75-125%, RPD <25%			
Sample 07BR0701-08 Matrix Spike and Matrix Spike Duplicate Analysis (MS/MSD)								
Analyte	Sample Value	Matrix Spike			Matrix Spike Duplicate			Duplicate RPD
		Spiked	Measured	MS	Spiked	Measured	MSD	
Mg	926.8	2000	2972	102%	2000	2955	101%	1%
Cr	-0.19	1.00	0.73	92%	1.00	0.75	94%	3%
Ni	0.13	1.00	1.09	95%	1.00	1.09	95%	0%
Cu	0.36	1.00	1.34	98%	1.00	1.39	103%	4%
As	0.16	1.00	1.07	91%	1.00	1.07	91%	0%
Cd	0.001	0.500	0.506	101%	0.500	0.506	101%	0%
Pb	0.00	0.50	0.52	104%	0.50	0.51	103%	1%

BIAS					Criteria: Recovery = 75-125%, RPD <25%			
Sample 07BR0714-22 Matrix Spike and Matrix Spike Duplicate Analysis (MS/MSD)								
Analyte	Sample Value	Matrix Spike			Matrix Spike Duplicate			Duplicate RPD
		Spiked	Measured	MS	Spiked	Measured	MSD	
Mg	270.7	2000	2222	98%	2000	2202	97%	1%
Cr	-0.06	1.00	0.90	96%	1.00	0.89	95%	1%
Ni	0.30	1.00	1.29	100%	1.00	1.28	98%	1%
Cu	0.30	1.00	1.27	97%	1.00	1.32	101%	4%
As	0.06	1.00	0.96	90%	1.00	0.99	93%	3%
Cd	0.004	0.500	0.494	98%	0.500	0.496	98%	0%
Pb	0.00	0.50	0.51	102%	0.50	0.51	102%	0%

BIAS					Criteria: Recovery = 75-125%, RPD <25%			
Sample 07BR0741-08 Matrix Spike and Matrix Spike Duplicate Analysis (MS/MSD)								
Analyte	Sample Value	Matrix Spike			Matrix Spike Duplicate			Duplicate RPD
		Spiked	Measured	MS	Spiked	Measured	MSD	
Mg	621.1	2000	2269	82%	2000	2402	89%	6%
Cr	-0.06	1.00	0.91	97%	1.00	0.94	100%	3%
Ni	0.09	1.00	1.07	98%	1.00	1.13	104%	6%
Cu	0.38	1.00	1.43	105%	1.00	1.48	110%	3%
As	0.17	1.00	1.10	93%	1.00	1.18	101%	7%
Cd	0.002	0.500	0.482	96%	0.500	0.512	102%	6%
Pb	0.00	0.50	0.52	104%	0.50	0.55	109%	5%

BIAS					Criteria: Recovery = 75-125%, RPD <25%			
Sample 07BR0708-09 Matrix Spike and Matrix Spike Duplicate Analysis (MS/MSD)								
Analyte	Sample Value	Matrix Spike			Matrix Spike Duplicate			Duplicate RPD
		Spiked	Measured	MS	Spiked	Measured	MSD	
Cu	0.20	1.00	1.32	113%	1.00	1.44	125%	9%
Cd	0.002	1.000	1.014	101%	1.000	1.049	105%	3%
Pb	0.00	1.00	1.03	102%	1.00	1.08	107%	5%

BIAS					Criteria: Recovery = 75-125%, RPD <25%			
Sample 07BR0708-21 Matrix Spike and Matrix Spike Duplicate Analysis (MS/MSD)								
Analyte	Sample Value	Matrix Spike			Matrix Spike Duplicate			Duplicate RPD
		Spiked	Measured	MS	Spiked	Measured	MSD	
Mg	2273	5000	6483	84%	5000	6230	79%	4%
Ca	6492	10000	14868	84%	10000	14791	83%	1%


 Quality Assurance Officer

 Project Manager

QUALITY ASSURANCE SUMMARY

Batch #: 07-0534 (continued)

Method #: EPA 1638 Mod. (ICP-MS)

Analyte: Trace Metals

Matrix: Water

PRECISION Criteria: RPD<25% or results +/-PQL if <5x PQL				
Sample 07BR0681-10 Method Duplicate Analysis (MD)				
Analyte	Sample Value µg/L	Duplicate Value µg/L	Average Value µg/L	Duplicate RPD
Mg	880.6	932.2	906.4	6%
Cr	-0.17	-0.17	-0.17	*
Ni	0.16	0.15	0.15	*
Cu	0.13	0.15	0.14	*
As	0.04	0.05	0.05	*
Cd	0.001	0.002	0.002	*
Pb	0.00	0.00	0.00	*

* Results less than five times the PQL and within the PQL of each other.

PRECISION Criteria: RPD<25% or results +/-PQL if <5x PQL				
Sample 07BR0681-16 Method Duplicate Analysis (MD)				
Analyte	Sample Value µg/L	Duplicate Value µg/L	Average Value µg/L	Duplicate RPD
Mg	1573	1546	1560	2%
Cr	-0.11	-0.12	-0.11	*
Ni	0.38	0.36	0.37	*
Cu	0.43	0.41	0.42	*
As	0.45	0.43	0.44	*
Cd	0.004	0.004	0.004	*
Pb	0.00	0.00	0.00	*

* Results less than five times the PQL and within the PQL of each other.

PRECISION Criteria: RPD<25% or results +/-PQL if <5x PQL				
Sample 07BR0701-08 Method Duplicate Analysis (MD)				
Analyte	Sample Value µg/L	Duplicate Value µg/L	Average Value µg/L	Duplicate RPD
Mg	926.8	938.7	932.7	1%
Cr	-0.19	-0.20	-0.20	*
Ni	0.13	0.13	0.13	*
Cu	0.36	0.38	0.37	*
As	0.16	0.16	0.16	*
Cd	0.001	0.001	0.001	*
Pb	0.00	0.00	0.00	*

* Results less than five times the PQL and within the PQL of each other.

PRECISION Criteria: RPD<25% or results +/-PQL if <5x PQL				
Sample 07BR0714-22 Method Duplicate Analysis (MD)				
Analyte	Sample Value µg/L	Duplicate Value µg/L	Average Value µg/L	Duplicate RPD
Mg	270.7	271.5	271.1	0%
Cr	-0.06	-0.05	-0.06	*
Ni	0.30	0.31	0.30	*
Cu	0.30	0.30	0.30	*
As	0.06	0.06	0.06	*
Cd	0.004	0.004	0.004	*
Pb	0.00	0.00	0.00	*

* Results less than five times the PQL and within the PQL of each other.


Quality Assurance Officer

Project Manager

QUALITY ASSURANCE SUMMARY

Batch #: 07-0534 (continued)

Method #: EPA 1638 Mod. (ICP-MS)

Analyte: Trace Metals

Matrix: Water

PRECISION Criteria: RPD < 25% or results +/- PQL if < 5x PQL
Sample 07BR0741-08 Method Duplicate Analysis (MD)

Analyte	Sample Value µg/L	Duplicate Value µg/L	Average Value µg/L	Duplicate RPD
Mg	621.1	604.2	612.7	3%
Cr	-0.06	-0.06	-0.06	*
Ni	0.09	0.09	0.09	*
Cu	0.38	0.35	0.36	*
As	0.17	0.16	0.17	*
Cd	0.002	0.001	0.002	*
Pb	0.00	0.00	0.00	*

* Results less than five times the PQL and within the PQL of each other.

PRECISION Criteria: RPD < 25% or results +/- PQL if < 5x PQL
Sample 07BR0708-09 Method Duplicate Analysis (MD)

Analyte	Sample Value µg/L	Duplicate Value µg/L	Average Value µg/L	Duplicate RPD
Cu	0.20	0.21	0.20	*
Cd	0.002	0.002	0.002	*
Pb	0.00	0.00	0.00	*

* Results less than five times the PQL and within the PQL of each other.

PRECISION Criteria: RPD < 25% or results +/- PQL if < 5x PQL
Sample 07BR0708-21 Method Duplicate Analysis (MD)

Analyte	Sample Value µg/L	Duplicate Value µg/L	Average Value µg/L	Duplicate RPD
Mg	2273	2257	2265	1%
Ca	6492	6402	6447	1%

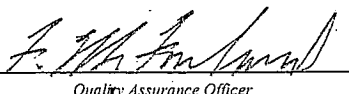
Method Blanks (MB)

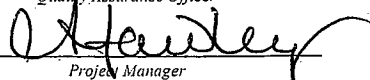
Criteria: Avg. < PQL and StDev < MDL or < 1/10th sample result

Analyte	MB1 µg/L	MB2 µg/L	MB3 µg/L	MB4 µg/L	Average µg/L	StDev µg/L
Mg	-0.2	-0.2	-0.2	-0.2	-0.2	0.0
Ca	-1.7	1.1	-2.7	-0.3	-0.9	1.7
Cr	-0.02	-0.01	-0.03	-0.01	-0.02	0.01
Ni	-0.01	0.00	-0.01	-0.01	-0.01	0.00
Cu	-0.14	-0.14	-0.14	-0.14	-0.14	0.00
As	0.011	0.02	0.010	0.001	0.01	0.01
Cd	-0.003	-0.002	-0.003	-0.003	-0.003	0.000
Pb	-0.06	-0.05	-0.05	-0.06	-0.05	0.01

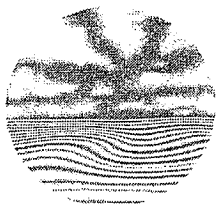
Method Detection Limits

Analyte	MDL µg/L	PQL µg/L
Mg	0.6	3.0
Ca	6.0	30.0
Cr	0.03	0.15
Ni	0.04	0.20
Cu	0.04	0.20
As	0.06	0.20
Cd	0.004	0.010
Pb	0.01	0.05


Quality Assurance Officer


Project Manager

QUALITY ASSURANCE SUMMARY



BROOKSRAND
TRACE METALS ANALYSIS & PRODUCTS

3958 6th Avenue NW
Seattle, WA 98107
Voice: 206-632-6206
Fax: 206-632-6017

Batch #: 07-0534b

Method #: EPA 1638 Mod. (ICP-MS)

Analyte: Trace Metals

Matrix: Water

BIAS		Criteria: Recovery = 75-125%	
Certified Reference Materials (CRM)			
Analyte	NIST 1640		
	Certified Value	Measured Value	Recovery
	µg/L	µg/L	%
Fe	34.3	37.6	110%

BIAS					Criteria: Recovery = 75-125%, RPD <25%			
Matrix Spike and Matrix Spike Duplicate Analysis (MS/MSD) for Fe								
Sample ID	Sample Value µg/L	Matrix Spike			Matrix Spike Duplicate			Duplicate RPD
		Spiked Value µg/L	Measured Value µg/L	MS Recovery %	Spiked Value µg/L	Measured Value µg/L	MSD Recovery %	
07BR0681-10	2.8	20.0	22.0	96%	20.0	20.8	90%	6%
07BR0681-16	14.6	20.0	37.4	114%	20.0	35.4	104%	6%
07BR0701-08	-0.4	20.0	17.8	91%	20.0	18.5	95%	4%
07BR0714-22	1.4	20.0	20.9	97%	20.0	19.7	91%	6%
07BR0741-08	-5.0	20.0	15.8	104%	20.0	14.8	99%	6%

PRECISION		Criteria: RPD<25% or results +/-PQL if <5x PQL		
Method Duplicate Analysis (MD) for Fe				
Sample ID	Sample Value µg/L	Duplicate Value µg/L	Average Value µg/L	Duplicate RPD
07BR0681-10	2.8	1.2	2.0	*
07BR0681-16	14.6	13.8	14.2	6%
07BR0701-08	-0.4	-0.9	-0.6	*
07BR0714-22	1.4	0.5	1.0	*
07BR0741-08	-5.0	-4.7	-4.8	*

* Results less than five times the PQL and within the PQL of each other.

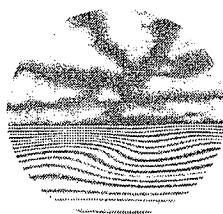
Method Blanks (MB)						
Criteria: Avg. < PQL and StDev < MDL or < 1/10th sample result						
Analyte	MB1 µg/L	MB2 µg/L	MB3 µg/L	MB4 µg/L	Average µg/L	StDev µg/L
Fe	0.1	0.9	-1.1	-0.1	0.0	0.8

Method Detection Limits		
Analyte	MDL µg/L	PQL µg/L
Fe	1.4	5.0


Quality Assurance Officer

Project Manager

QUALITY ASSURANCE SUMMARY



BROOKSRAND
TRACE METALS ANALYSIS & PRODUCTS

3958 6th Avenue NW
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Voice: 206-632-6206
Fax: 206-632-6017

Batch #: 07-0553

Method #: EPA 1631E

Analyte: Hg

Matrix: Water

BIAS Criterion: Recovery = 77-123% Continuing Calibration Verification (CCV)			
QCS ID	Certified Value ng/L	Measured Value ng/L	Recovery %
CCV1	5.00	5.25	105%
CCV2	5.00	4.72	94%
CCV3	5.00	4.79	96%

BIAS Criterion: Recovery = 85-115% Independent Calibration Verification (ICV)			
QCS ID	Certified Value ng/L	Measured Value ng/L	Recovery %
ICV*	16.01	15.87	99%

* Preparation of the CRM NIST 1641d.

BIAS Criteria: Recovery = 71-125%, RPD ≤ 24% Matrix Spikes/Matrix Spike Duplicates (MS/MSD)								
Sample ID	Sample Value ng/L	Matrix Spike			Matrix Spike Duplicate			Duplicate RPD
		Spiked Value ng/L	Measured Value ng/L	MS Recovery %	Spiked Value ng/L	Measured Value ng/L	MSD Recovery %	
07BR0678-01	6.07	20.01	23.52	87%	20.36	23.03	83%	2%
07BR0709-01	68.47	156.7	217.2	95%	164.9	228.5	97%	5%

1.0% BrCl Method Blanks (MB) Criterion: MB < 0.5 ng/L						Detection Limits	
MB1 ng/L	MB2 ng/L	MB3 ng/L	MB4 ng/L	Average ng/L	StDev ng/L	MB MDL ng/L	MB PQL ng/L
0.06	0.04	0.02	0.03	0.04	0.02	0.15	0.40

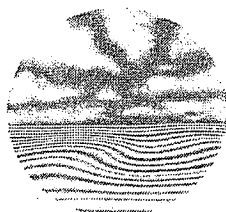
1% BrCl MB prepared in quadruplicate.

Average MB result multiplied by appropriate factor to produce correction factor for each sample preservation BrCl level.

Sample Specific Detection Limits		
Sample ID	MDL ng/L	PQL ng/L
07BR0678-01	0.31	0.82
07BR0709-01	0.62	1.66

Nicole C. Mead
Quality Assurance Officer
C. Hawley
Project Manager

QUALITY ASSURANCE SUMMARY



BROOKSRAND
TRACE METALS ANALYSIS & PRODUCTS

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Batch #: 07-0559

Method #: EPA 1631E

Analyte: Hg

Matrix: Water

BIAS Criterion: Recovery = 77-123%			
Continuing Calibration Verification (CCV)			
QCS ID	Certified Value ng/L	Measured Value ng/L	Recovery %
CCV1	5.00	4.14	83%
CCV2	5.00	4.35	87%
CCV3	5.00	4.17	83%
CCV4	5.00	4.34	87%

BIAS Criterion: Recovery = 85-115%			
Independent Calibration Verification (ICV)			
QCS ID	Certified Value ng/L	Measured Value ng/L	Recovery %
ICV*	16.01	14.99	94%

* Preparation of the CRM NIST 1641d.

BIAS Criteria: Recovery = 71-125%, RPD ≤ 24%								
Matrix Spikes/Matrix Spike Duplicates (MS/MSD)								
Sample ID	Sample Value ng/L	Matrix Spike			Matrix Spike Duplicate			Duplicate RPD
		Spiked Value ng/L	Measured Value ng/L	MS Recovery %	Spiked Value ng/L	Measured Value ng/L	MSD Recovery %	
07BR0732-02	0.78	2.03	2.61	90%	2.13	2.48	80%	5%
07BR0733-02	12.96	40.96	46.84	83%	40.90	46.39	82%	1%

1.0% BrCl Method Blanks (MB) Criterion: MB < 0.5 ng/L						Detection Limits	
MB1 ng/L	MB2 ng/L	MB3 ng/L	MB4 ng/L	Average ng/L	StDev ng/L	MB MDL ng/L	MB PQL ng/L
0.05	-0.01	0.02	0.00	0.01	0.02	0.15	0.40

1% BrCl MB prepared in quadruplicate.

Average MB result multiplied by appropriate factor to produce correction factor for each sample preservation BrCl level.

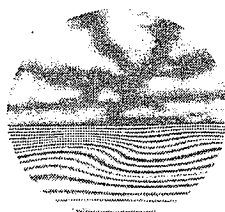
Sample Specific Detection Limits		
Sample ID	MDL ng/L	PQL ng/L
07BR0734-01	3.20	8.40
07BR0734-02	3.20	8.40
07BR0734-03	3.10	8.20
07BR0728-01	3.20	8.40
07BR0728-02	1.50	4.00

Sample Specific Detection Limits		
Sample ID	MDL ng/L	PQL ng/L
07BR0728-03	3.20	8.40
07BR0733-01	0.30	0.79
07BR0733-02	0.29	0.78
07BR0730-01	0.30	0.80

Nicole C. Mead
Quality Assurance Officer

E. Hawley
Project Manager

QUALITY ASSURANCE SUMMARY



BROOKSRAND
TRACE METALS ANALYSIS & PRODUCTS

3958 6th Avenue NW
Seattle, WA 98107
Voice: 206-632-6206
Fax: 206-632-6017

Batch #: 07-0567

Method #: EPA 1631E

Analyte: Hg

Matrix: Water

BIAS <i>Criterion: Recovery = 77-123%</i>			
Continuing Calibration Verification (CCV)			
QCS ID	Certified Value ng/L	Measured Value ng/L	Recovery %
CCV1	5.00	5.37	107%
CCV2	5.00	4.80	96%
CCV3	5.00	4.87	97%

BIAS <i>Criterion: Recovery = 85-115%</i>			
Independent Calibration Verification (ICV)			
QCS ID	Certified Value ng/L	Measured Value ng/L	Recovery %
ICV*	16.01	15.81	99%

* Preparation of the CRM NIST 1641d.

BIAS <i>Criteria: Recovery = 71-125%, RPD ≤ 24%</i>								
Matrix Spikes/Matrix Spike Duplicates (MS/MSD)								
Sample ID	Sample Value ng/L	Matrix Spike			Matrix Spike Duplicate			Duplicate RPD
		Spiked Value ng/L	Measured Value ng/L	MS Recovery %	Spiked Value ng/L	Measured Value ng/L	MSD Recovery %	
07BR0741-01	0.41	2.03	2.34	95%	1.99	2.41	100%	3%
07BR0758-01	7.14	25.35	30.30	91%	26.14	30.60	90%	1%

1.0% BrCl Method Blanks (MB) <i>Criterion: MB < 0.5 ng/L</i>						Detection Limits	
MB1 ng/L	MB2 ng/L	MB3 ng/L	MB4 ng/L	Average ng/L	StDev ng/L	MB MDL ng/L	MB PQL ng/L
0.02	0.05	0.02	0.04	0.03	0.01	0.15	0.40

1% BrCl MB prepared in quadruplicate.

Average MB result multiplied by appropriate factor to produce correction factor for each sample preservation BrCl level.

Sample Specific Detection Limits		
Sample ID	MDL ng/L	PQL ng/L
07BR0758-01	0.77	2.04

Nicole C. Mead
Quality Assurance Officer

E. Pawley
Project Manager

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Email: brl@brooksrand.com

Sample Receiving Log

Tracking # 07BR0714

Customer: Entrix, Inc.

Contact: Brian Frantz

Project Ref. #: ENX002

BRL Project Manager: Amanda Fawley

Due Date: 6/21/2007

Receiving Date: 5/24/2007

Receiving Time: 8:30 AM

Logged-in by: Katie Jahanmir

Log-in Date: 5/24/2007

Log-in Time: 11:32 AM

Airbill present? Yes

Airbill # 857329316900

Courier: FedEx

QA Level Standard

Sample Condition Intact

Shipping container intact? Yes

Shipping container type: Cooler

Shipping container temp: 3.8 C

Shipping container coolant: Ice

Sample Turnaround Time:

Contract Turnaround Time: 28 days

Custody seal present? Yes

Custody seal intact? Yes

COC Present? Yes

COC/Sample tag agree? Yes

COC Number: N/A

Comments:

Lab ID:

01

Sample Tag #: MFAR-7 RM 26.0

Collection Date/Time: 5/22/2007, 8:00:00 AM

Container Type and Lot #: FLPE bottle, 06-351

Size: 250-mL

Matrix/Sub-Matrix: Water,

Preservation: none

Acid Lot#: n/a

pH:

Filtered?: No

Sample Storage Location: Cabinet #5

Comments:

Analysis / Method: Hg

EPA 1631

02

Sample Tag #: DC-1 RM 8.5

Collection Date/Time: 5/22/2007, 9:45:00 AM

Container Type and Lot #: FLPE bottle, 06-351

Size: 250-mL

Matrix/Sub-Matrix: Water,

Preservation: none

Acid Lot#: n/a

pH:

Filtered?: No

Sample Storage Location: Cabinet #5

Comments:

Analysis / Method: Hg

EPA 1631

03

Sample Tag #: DC-2 RM 8.0

Collection Date/Time: 5/22/2007, 10:40:00 AM

Container Type and Lot #: FLPE bottle, 06-351

Size: 250-mL

Matrix/Sub-Matrix: Water,

Preservation: none

Acid Lot#: n/a

pH:

Filtered?: No

Sample Storage Location: Cabinet #5

Comments:

Analysis / Method: Hg

EPA 1631

Lab ID:

04

Sample Tag #: MFAR-1 RM 51.5
Collection Date/Time: 5/22/2007, 11:40:00 AM
ContainerType and Lot #: FLPE bottle, 06-351
Size: 250-mL

Matrix/Sub-Matrix: Water,
Preservation: none
Acid Lot#: n/a
pH:
Sample Storage Location: Cabinet #5
Filtered?: No

Comments:

Analysis / Method: Hg EPA 1631

05

Sample Tag #: MFAR-2 RM 46.5
Collection Date/Time: 5/22/2007, 12:30:00 PM
ContainerType and Lot #: FLPE bottle, 06-351
Size: 250-mL

Matrix/Sub-Matrix: Water,
Preservation: none
Acid Lot#: n/a
pH:
Sample Storage Location: Cabinet #5
Filtered?: No

Comments:

Analysis / Method: Hg EPA 1631

06

Sample Tag #: RR-2B
Collection Date/Time: 5/22/2007, 2:00:00 PM
ContainerType and Lot #: FLPE bottle, 06-351
Size: 250-mL

Matrix/Sub-Matrix: Water,
Preservation: none
Acid Lot#: n/a
pH:
Sample Storage Location: Cabinet #5
Filtered?: No

Comments:

Analysis / Method: Hg EPA 1631

07

Sample Tag #: RR-2 EC
Collection Date/Time: 5/22/2007, 2:40:00 PM
ContainerType and Lot #: FLPE bottle, 06-351
Size: 250-mL

Matrix/Sub-Matrix: Water,
Preservation: none
Acid Lot#: n/a
pH:
Sample Storage Location: Cabinet #5
Filtered?: No

Comments:

Analysis / Method: Hg EPA 1631

08

Sample Tag #: RR-2 DEC
Collection Date/Time: 5/22/2007, 2:50:00 PM
ContainerType and Lot #: FLPE bottle, 06-351
Size: 250-mL

Matrix/Sub-Matrix: Water,
Preservation: none
Acid Lot#: n/a
pH:
Sample Storage Location: Cabinet #5
Filtered?: No

Comments:

Analysis / Method: Hg EPA 1631

09

Sample Tag #: RR-2A
Collection Date/Time: 5/22/2007, 3:10:00 PM
ContainerType and Lot #: FLPE bottle, 06-351
Size: 250-mL

Matrix/Sub-Matrix: Water,
Preservation: none
Acid Lot#: n/a
pH:
Sample Storage Location: Cabinet #5
Filtered?: No

Comments:

Analysis / Method: Hg EPA 1631

Lab ID:

10

Sample Tag #: HH-2
Collection Date/Time: 5/22/2007, 10:30:00 AM
ContainerType and Lot #: FLPE bottle, 06-351
Size: 250-mL

Matrix/Sub-Matrix: Water,
Preservation: none
Acid Lot#: n/a
pH:
Filtered?: No
Sample Storage Location: Cabinet #5

Comments:

Analysis / Method: Hg EPA 1631

11

Sample Tag #: HH-2 (S)
Collection Date/Time: 5/22/2007, 11:00:00 AM
ContainerType and Lot #: FLPE bottle, 06-351
Size: 250-mL

Matrix/Sub-Matrix: Water,
Preservation: none
Acid Lot#: n/a
pH:
Filtered?: No
Sample Storage Location: Cabinet #5

Comments:

Analysis / Method: Hg EPA 1631

12

Sample Tag #: HH-3
Collection Date/Time: 5/22/2007, 11:30:00 AM
ContainerType and Lot #: FLPE bottle, 06-351
Size: 250-mL

Matrix/Sub-Matrix: Water,
Preservation: none
Acid Lot#: n/a
pH:
Filtered?: No
Sample Storage Location: Cabinet #5

Comments:

Analysis / Method: Hg EPA 1631

13

Sample Tag #: HH-3 (S)
Collection Date/Time: 5/22/2007, 12:00:00 PM
ContainerType and Lot #: FLPE bottle, 06-351
Size: 250-mL

Matrix/Sub-Matrix: Water,
Preservation: none
Acid Lot#: n/a
pH:
Filtered?: No
Sample Storage Location: Cabinet #5

Comments:

Analysis / Method: Hg EPA 1631

14

Sample Tag #: HH-1
Collection Date/Time: 5/22/2007, 1:00:00 PM
ContainerType and Lot #: FLPE bottle, 06-351
Size: 250-mL

Matrix/Sub-Matrix: Water,
Preservation: none
Acid Lot#: n/a
pH:
Filtered?: No
Sample Storage Location: Cabinet #5

Comments:

Analysis / Method: Hg EPA 1631

15

Sample Tag #: HH-1 (S)
Collection Date/Time: 5/22/2007, 1:45:00 PM
ContainerType and Lot #: FLPE bottle, 06-351
Size: 250-mL

Matrix/Sub-Matrix: Water,
Preservation: none
Acid Lot#: n/a
pH:
Filtered?: No
Sample Storage Location: Cabinet #5

Comments:

Analysis / Method: Hg EPA 1631

Lab ID:

16

Sample Tag #: MFAR-7 RM 26.0
Collection Date/Time: 5/22/2007, 8:00:00 AM
ContainerType and Lot #: HDPE bottle, 07-097
Size: 250-mL

Matrix/Sub-Matrix: Water,
Preservation: none
Acid Lot#: n/a
pH:
Filtered?: Yes
Sample Storage Location: Cabinet #5

Comments:

Analysis / Method:	As	EPA 1638 Mod. (ICP-MS)
Analysis / Method:	Cd	EPA 1638 Mod. (ICP-MS)
Analysis / Method:	Cr	EPA 1638 Mod. (ICP-MS)
Analysis / Method:	Cu	EPA 1638 Mod. (ICP-MS)
Analysis / Method:	Fe	EPA 1638 Mod. (ICP-MS)
Analysis / Method:	Mg	EPA 1638 Mod. (ICP-MS)
Analysis / Method:	Ni	EPA 1638 Mod. (ICP-MS)
Analysis / Method:	Pb	EPA 1638 Mod. (ICP-MS)

17

Sample Tag #: DC-1 RM 8.5
Collection Date/Time: 5/22/2007, 9:45:00 AM
ContainerType and Lot #: HDPE bottle, 07-097
Size: 250-mL

Matrix/Sub-Matrix: Water,
Preservation: none
Acid Lot#: n/a
pH:
Filtered?: Yes
Sample Storage Location: Cabinet #5

Comments:

Analysis / Method:	As	EPA 1638 Mod. (ICP-MS)
Analysis / Method:	Cd	EPA 1638 Mod. (ICP-MS)
Analysis / Method:	Cr	EPA 1638 Mod. (ICP-MS)
Analysis / Method:	Cu	EPA 1638 Mod. (ICP-MS)
Analysis / Method:	Fe	EPA 1638 Mod. (ICP-MS)
Analysis / Method:	Mg	EPA 1638 Mod. (ICP-MS)
Analysis / Method:	Ni	EPA 1638 Mod. (ICP-MS)
Analysis / Method:	Pb	EPA 1638 Mod. (ICP-MS)

18

Sample Tag #: DC-2 RM 8.0
Collection Date/Time: 5/22/2007, 10:40:00 AM
ContainerType and Lot #: HDPE bottle, 07-097
Size: 250-mL

Matrix/Sub-Matrix: Water,
Preservation: none
Acid Lot#: n/a
pH:
Filtered?: Yes
Sample Storage Location: Cabinet #5

Comments:

Analysis / Method:	As	EPA 1638 Mod. (ICP-MS)
Analysis / Method:	Cd	EPA 1638 Mod. (ICP-MS)
Analysis / Method:	Cr	EPA 1638 Mod. (ICP-MS)
Analysis / Method:	Cu	EPA 1638 Mod. (ICP-MS)
Analysis / Method:	Fe	EPA 1638 Mod. (ICP-MS)
Analysis / Method:	Mg	EPA 1638 Mod. (ICP-MS)
Analysis / Method:	Ni	EPA 1638 Mod. (ICP-MS)
Analysis / Method:	Pb	EPA 1638 Mod. (ICP-MS)

19

Sample Tag #: MFAR-1 RM 51.5
Collection Date/Time: 5/22/2007, 11:40:00 AM
ContainerType and Lot #: HDPE bottle, 07-097
Size: 250-mL

Matrix/Sub-Matrix: Water,
Preservation: none
Acid Lot#: n/a
pH:
Filtered?: Yes
Sample Storage Location: Cabinet #5

Comments:

Analysis / Method:	As	EPA 1638 Mod. (ICP-MS)
--------------------	----	------------------------

Lab ID:

Analysis / Method:	Cd	EPA 1638 Mod. (ICP-MS)
Analysis / Method:	Cr	EPA 1638 Mod. (ICP-MS)
Analysis / Method:	Cu	EPA 1638 Mod. (ICP-MS)
Analysis / Method:	Fe	EPA 1638 Mod. (ICP-MS)
Analysis / Method:	Mg	EPA 1638 Mod. (ICP-MS)
Analysis / Method:	Ni	EPA 1638 Mod. (ICP-MS)
Analysis / Method:	Pb	EPA 1638 Mod. (ICP-MS)

20

Matrix/Sub-Matrix: Water,

Sample Tag #: MFAR-2 RM 46.5

Preservation: none

Collection Date/Time: 5/22/2007, 12:30:00 PM

Acid Lot#: n/a

ContainerType and Lot #: HDPE bottle, 07-097

pH:

Filtered?: Yes

Size: 250-mL

Sample Storage Location: Cabinet #5

Comments:

Analysis / Method:	As	EPA 1638 Mod. (ICP-MS)
Analysis / Method:	Cd	EPA 1638 Mod. (ICP-MS)
Analysis / Method:	Cr	EPA 1638 Mod. (ICP-MS)
Analysis / Method:	Cu	EPA 1638 Mod. (ICP-MS)
Analysis / Method:	Fe	EPA 1638 Mod. (ICP-MS)
Analysis / Method:	Mg	EPA 1638 Mod. (ICP-MS)
Analysis / Method:	Ni	EPA 1638 Mod. (ICP-MS)
Analysis / Method:	Pb	EPA 1638 Mod. (ICP-MS)

21

Matrix/Sub-Matrix: Water,

Sample Tag #: RR-2B

Preservation: none

Collection Date/Time: 5/22/2007, 2:00:00 PM

Acid Lot#: n/a

ContainerType and Lot #: HDPE bottle, 07-097

pH:

Filtered?: Yes

Size: 250-mL

Sample Storage Location: Cabinet #5

Comments:

Analysis / Method:	As	EPA 1638 Mod. (ICP-MS)
Analysis / Method:	Cd	EPA 1638 Mod. (ICP-MS)
Analysis / Method:	Cr	EPA 1638 Mod. (ICP-MS)
Analysis / Method:	Cu	EPA 1638 Mod. (ICP-MS)
Analysis / Method:	Fe	EPA 1638 Mod. (ICP-MS)
Analysis / Method:	Mg	EPA 1638 Mod. (ICP-MS)
Analysis / Method:	Ni	EPA 1638 Mod. (ICP-MS)
Analysis / Method:	Pb	EPA 1638 Mod. (ICP-MS)

22

Matrix/Sub-Matrix: Water,

Sample Tag #: RR-2 EC

Preservation: none

Collection Date/Time: 5/22/2007, 2:40:00 PM

Acid Lot#: n/a

ContainerType and Lot #: HDPE bottle, 07-097

pH:

Filtered?: Yes

Size: 250-mL

Sample Storage Location: Cabinet #5

Comments:

Analysis / Method:	As	EPA 1638 Mod. (ICP-MS)
Analysis / Method:	Cd	EPA 1638 Mod. (ICP-MS)
Analysis / Method:	Cr	EPA 1638 Mod. (ICP-MS)
Analysis / Method:	Cu	EPA 1638 Mod. (ICP-MS)
Analysis / Method:	Fe	EPA 1638 Mod. (ICP-MS)
Analysis / Method:	Mg	EPA 1638 Mod. (ICP-MS)
Analysis / Method:	Ni	EPA 1638 Mod. (ICP-MS)
Analysis / Method:	Pb	EPA 1638 Mod. (ICP-MS)

Lab ID:

23

Sample Tag #: RR-2 DEC
Collection Date/Time: 5/22/2007, 2:50:00 PM
ContainerType and Lot #: HDPE bottle, 07-097
Size: 250-mL

Matrix/Sub-Matrix: Water,
Preservation: none
Acid Lot#: n/a
pH:
Filtered?: Yes
Sample Storage Location: Cabinet #5

Comments:

Analysis / Method:	As	EPA 1638 Mod. (ICP-MS)
Analysis / Method:	Cd	EPA 1638 Mod. (ICP-MS)
Analysis / Method:	Cr	EPA 1638 Mod. (ICP-MS)
Analysis / Method:	Cu	EPA 1638 Mod. (ICP-MS)
Analysis / Method:	Fe	EPA 1638 Mod. (ICP-MS)
Analysis / Method:	Mg	EPA 1638 Mod. (ICP-MS)
Analysis / Method:	Ni	EPA 1638 Mod. (ICP-MS)
Analysis / Method:	Pb	EPA 1638 Mod. (ICP-MS)

24

Sample Tag #: RR-2A
Collection Date/Time: 5/22/2007, 3:10:00 PM
ContainerType and Lot #: HDPE bottle, 07-097
Size: 250-mL

Matrix/Sub-Matrix: Water,
Preservation: none
Acid Lot#: n/a
pH:
Filtered?: Yes
Sample Storage Location: Cabinet #5

Comments:

Analysis / Method:	As	EPA 1638 Mod. (ICP-MS)
Analysis / Method:	Cd	EPA 1638 Mod. (ICP-MS)
Analysis / Method:	Cr	EPA 1638 Mod. (ICP-MS)
Analysis / Method:	Cu	EPA 1638 Mod. (ICP-MS)
Analysis / Method:	Fe	EPA 1638 Mod. (ICP-MS)
Analysis / Method:	Mg	EPA 1638 Mod. (ICP-MS)
Analysis / Method:	Ni	EPA 1638 Mod. (ICP-MS)
Analysis / Method:	Pb	EPA 1638 Mod. (ICP-MS)

25

Sample Tag #: HH-2
Collection Date/Time: 5/22/2007, 10:30:00 AM
ContainerType and Lot #: HDPE bottle, 07-097
Size: 250-mL

Matrix/Sub-Matrix: Water,
Preservation: none
Acid Lot#: n/a
pH:
Filtered?: Yes
Sample Storage Location: Cabinet #5

Comments:

Analysis / Method:	As	EPA 1638 Mod. (ICP-MS)
Analysis / Method:	Cd	EPA 1638 Mod. (ICP-MS)
Analysis / Method:	Cr	EPA 1638 Mod. (ICP-MS)
Analysis / Method:	Cu	EPA 1638 Mod. (ICP-MS)
Analysis / Method:	Fe	EPA 1638 Mod. (ICP-MS)
Analysis / Method:	Mg	EPA 1638 Mod. (ICP-MS)
Analysis / Method:	Ni	EPA 1638 Mod. (ICP-MS)
Analysis / Method:	Pb	EPA 1638 Mod. (ICP-MS)

26

Sample Tag #: HH-2 (S)
Collection Date/Time: 5/22/2007, 11:00:00 AM
ContainerType and Lot #: HDPE bottle, 07-097
Size: 250-mL

Matrix/Sub-Matrix: Water,
Preservation: none
Acid Lot#: n/a
pH:
Filtered?: Yes
Sample Storage Location: Cabinet #5

Comments:

Analysis / Method:	As	EPA 1638 Mod. (ICP-MS)
--------------------	----	------------------------

Lab ID:

Analysis / Method:	Cd	EPA 1638 Mod. (ICP-MS)
Analysis / Method:	Cr	EPA 1638 Mod. (ICP-MS)
Analysis / Method:	Cu	EPA 1638 Mod. (ICP-MS)
Analysis / Method:	Fe	EPA 1638 Mod. (ICP-MS)
Analysis / Method:	Mg	EPA 1638 Mod. (ICP-MS)
Analysis / Method:	Ni	EPA 1638 Mod. (ICP-MS)
Analysis / Method:	Pb	EPA 1638 Mod. (ICP-MS)

27

Matrix/Sub-Matrix: Water,

Sample Tag #: HH-3

Preservation: none

Collection Date/Time: 5/22/2007, 11:30:00 AM

Acid Lot#: n/a

ContainerType and Lot #: HDPE bottle, 07-097

pH:

Filtered?: Yes

Size: 250-mL

Sample Storage Location: Cabinet #5

Comments:

Analysis / Method:	As	EPA 1638 Mod. (ICP-MS)
Analysis / Method:	Cd	EPA 1638 Mod. (ICP-MS)
Analysis / Method:	Cr	EPA 1638 Mod. (ICP-MS)
Analysis / Method:	Cu	EPA 1638 Mod. (ICP-MS)
Analysis / Method:	Fe	EPA 1638 Mod. (ICP-MS)
Analysis / Method:	Mg	EPA 1638 Mod. (ICP-MS)
Analysis / Method:	Ni	EPA 1638 Mod. (ICP-MS)
Analysis / Method:	Pb	EPA 1638 Mod. (ICP-MS)

28

Matrix/Sub-Matrix: Water,

Sample Tag #: HH-3 (S)

Preservation: none

Collection Date/Time: 5/22/2007, 12:00:00 PM

Acid Lot#: n/a

ContainerType and Lot #: HDPE bottle, 07-097

pH:

Filtered?: Yes

Size: 250-mL

Sample Storage Location: Cabinet #5

Comments:

Analysis / Method:	As	EPA 1638 Mod. (ICP-MS)
Analysis / Method:	Cd	EPA 1638 Mod. (ICP-MS)
Analysis / Method:	Cr	EPA 1638 Mod. (ICP-MS)
Analysis / Method:	Cu	EPA 1638 Mod. (ICP-MS)
Analysis / Method:	Fe	EPA 1638 Mod. (ICP-MS)
Analysis / Method:	Mg	EPA 1638 Mod. (ICP-MS)
Analysis / Method:	Ni	EPA 1638 Mod. (ICP-MS)
Analysis / Method:	Pb	EPA 1638 Mod. (ICP-MS)

29

Matrix/Sub-Matrix: Water,

Sample Tag #: HH-1

Preservation: none

Collection Date/Time: 5/22/2007, 1:00:00 PM

Acid Lot#: n/a

ContainerType and Lot #: HDPE bottle, 07-097

pH:

Filtered?: Yes

Size: 250-mL

Sample Storage Location: Cabinet #5

Comments:

Analysis / Method:	As	EPA 1638 Mod. (ICP-MS)
Analysis / Method:	Cd	EPA 1638 Mod. (ICP-MS)
Analysis / Method:	Cr	EPA 1638 Mod. (ICP-MS)
Analysis / Method:	Cu	EPA 1638 Mod. (ICP-MS)
Analysis / Method:	Fe	EPA 1638 Mod. (ICP-MS)
Analysis / Method:	Mg	EPA 1638 Mod. (ICP-MS)
Analysis / Method:	Ni	EPA 1638 Mod. (ICP-MS)
Analysis / Method:	Pb	EPA 1638 Mod. (ICP-MS)

Lab ID:

30

Sample Tag #: HH-1 (S)

Collection Date/Time: 5/22/2007, 1:45:00 PM

Container Type and Lot #: HDPE bottle, 07-097

Size: 250-mL

Matrix/Sub-Matrix: Water,

Preservation: none

Acid Lot#: n/a

pH:

Filtered?: Yes

Sample Storage Location: Cabinet #5

Comments:

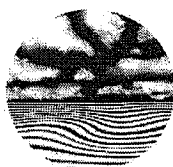
Analysis / Method:	As	EPA 1638 Mod. (ICP-MS)
Analysis / Method:	Cd	EPA 1638 Mod. (ICP-MS)
Analysis / Method:	Cr	EPA 1638 Mod. (ICP-MS)
Analysis / Method:	Cu	EPA 1638 Mod. (ICP-MS)
Analysis / Method:	Fe	EPA 1638 Mod. (ICP-MS)
Analysis / Method:	Mg	EPA 1638 Mod. (ICP-MS)
Analysis / Method:	Ni	EPA 1638 Mod. (ICP-MS)
Analysis / Method:	Pb	EPA 1638 Mod. (ICP-MS)

Sample Custodian signature

Date

Reviewed By signature

Date



BROOKSRAND
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3958 6th Avenue NW

Seattle, WA 98107

www.brooksrand.com

Phone: 206-632-6206

Fax: 206-632-6017

Email: brl@brooksrand.com

Sample Receiving Log

Tracking # **07BR0741**

Customer: Entrix, Inc.

Contact: Brian Frantz

Project Ref. #: ENX002

BRL Project Manager: Amanda Fawley

Due Date: 6/22/2007

Receiving Date: 5/25/2007

Receiving Time: 8:30 AM

Logged-in by: Katie Jahanmir

Log-in Date: 5/25/2007

Log-in Time: 2:48 PM

Airbill present? Yes

Airbill # See Comments

Courier: FedEx

QA Level Standard

Sample Condition Intact

Shipping container intact? Yes

Shipping container type: Cooler

Shipping container temp: See Comments

Shipping container coolant: Ice

Sample Turnaround Time:

Contract Turnaround Time: 28 days

Custody seal present? Yes

Custody seal intact? Yes

COC Present? Yes

COC/Sample tag agree? No

COC Number: N/A

Comments: Cooler 1: 857329313658, ice, 4.0 C Cooler 2: 857329313670, ice, 4.2 C
for ICP-MS sample "RR-4 RM 22.5", sample logged in as on COC.

Sample tag and COC do not match

Lab ID:

01

Sample Tag #: SFRR-1 RM 0.0

Collection Date/Time: , 11:00:00 AM

ContainerType and Lot #: FLPE bottle, 06-325

Size: 500-mL

Matrix/Sub-Matrix: Water,

Preservation: none

Acid Lot#: n/a

pH:

Filtered?: No

Sample Storage Location: Cabinet #5

Comments: 250 mL of extra volume stored with sample

Analysis / Method: Hg

EPA 1631

02

Sample Tag #: RR-3 RM 23.0

Collection Date/Time: , 11:40:00 AM

ContainerType and Lot #: FLPE bottle, 07-099

Size: 250-mL

Matrix/Sub-Matrix: Water,

Preservation: none

Acid Lot#: n/a

pH:

Filtered?: No

Sample Storage Location: Cabinet #5

Comments:

Analysis / Method: Hg

EPA 1631

03

Sample Tag #: RR-4 RM 22.5

Collection Date/Time: , 12:20:00 PM

ContainerType and Lot #: FLPE bottle, 07-099

Size: 250-mL

Matrix/Sub-Matrix: Water,

Preservation: none

Acid Lot#: n/a

pH:

Filtered?: No

Sample Storage Location: Cabinet #5

Comments:

Analysis / Method: Hg

EPA 1631

Lab ID:

04	Sample Tag #: Field Blank 2 Collection Date/Time: , 2:30:00 PM ContainerType and Lot #: FLPE bottle, 07-099 Size: 250-mL	Matrix/Sub-Matrix: Water, Blank Preservation: none Acid Lot#: n/a pH: Sample Storage Location: Cabinet #5	Filtered?: No
<u>Comments:</u>			
Analysis / Method: Hg		EPA 1631	Do Not Spike
05	Sample Tag #: RR-1 RM 36.0 Collection Date/Time: 5/24/2007, 10:20:00 AM ContainerType and Lot #: FLPE bottle, 07-099 Size: 250-mL	Matrix/Sub-Matrix: Water, Preservation: none Acid Lot#: n/a pH: Sample Storage Location: Cabinet #5	Filtered?: No
<u>Comments:</u>			
Analysis / Method: Hg		EPA 1631	
06	Sample Tag #: SFRR-1 RM 0.0 Collection Date/Time: , 11:00:00 AM ContainerType and Lot #: HDPE bottle, Size: 250-mL	Matrix/Sub-Matrix: Water, Preservation: none Acid Lot#: n/a pH: Sample Storage Location: Cabinet #5	Filtered?: Yes
<u>Comments:</u>			
Analysis / Method: As		EPA 1638 Mod. (ICP-MS)	
Analysis / Method: Cd		EPA 1638 Mod. (ICP-MS)	
Analysis / Method: Cr		EPA 1638 Mod. (ICP-MS)	
Analysis / Method: Cu		EPA 1638 Mod. (ICP-MS)	
Analysis / Method: Fe		EPA 1638 Mod. (ICP-MS)	
Analysis / Method: Mg		EPA 1638 Mod. (ICP-MS)	
Analysis / Method: Ni		EPA 1638 Mod. (ICP-MS)	
Analysis / Method: Pb		EPA 1638 Mod. (ICP-MS)	
07	Sample Tag #: RR-3 RM 23.0 Collection Date/Time: , 11:40:00 AM ContainerType and Lot #: HDPE bottle, Size: 250-mL	Matrix/Sub-Matrix: Water, Preservation: none Acid Lot#: n/a pH: Sample Storage Location: Cabinet #5	Filtered?: Yes
<u>Comments:</u>			
Analysis / Method: As		EPA 1638 Mod. (ICP-MS)	
Analysis / Method: Cd		EPA 1638 Mod. (ICP-MS)	
Analysis / Method: Cr		EPA 1638 Mod. (ICP-MS)	
Analysis / Method: Cu		EPA 1638 Mod. (ICP-MS)	
Analysis / Method: Fe		EPA 1638 Mod. (ICP-MS)	
Analysis / Method: Mg		EPA 1638 Mod. (ICP-MS)	
Analysis / Method: Ni		EPA 1638 Mod. (ICP-MS)	
Analysis / Method: Pb		EPA 1638 Mod. (ICP-MS)	

Lab ID:

08

Sample Tag #: RR-4 RM 22.5
Collection Date/Time: , 12:20:00 PM
ContainerType and Lot #: HDPE bottle,
Size: 250-mL

Matrix/Sub-Matrix: Water,
Preservation: none
Acid Lot#: n/a
pH:

Filtered?: Yes

Sample Storage Location: Cabinet #5

Comments:

Analysis / Method:	As	EPA 1638 Mod. (ICP-MS)
Analysis / Method:	Cd	EPA 1638 Mod. (ICP-MS)
Analysis / Method:	Cr	EPA 1638 Mod. (ICP-MS)
Analysis / Method:	Cu	EPA 1638 Mod. (ICP-MS)
Analysis / Method:	Fe	EPA 1638 Mod. (ICP-MS)
Analysis / Method:	Mg	EPA 1638 Mod. (ICP-MS)
Analysis / Method:	Ni	EPA 1638 Mod. (ICP-MS)
Analysis / Method:	Pb	EPA 1638 Mod. (ICP-MS)

09

Sample Tag #: Field Blank 2
Collection Date/Time: , 2:30:00 PM
ContainerType and Lot #: HDPE bottle,
Size: 250-mL

Matrix/Sub-Matrix: Water, Blank
Preservation: none
Acid Lot#: n/a
pH:

Filtered?: Yes

Sample Storage Location: Cabinet #5

Comments:

Analysis / Method:	As	EPA 1638 Mod. (ICP-MS)	Do Not Spike
Analysis / Method:	Cd	EPA 1638 Mod. (ICP-MS)	Do Not Spike
Analysis / Method:	Cr	EPA 1638 Mod. (ICP-MS)	Do Not Spike
Analysis / Method:	Cu	EPA 1638 Mod. (ICP-MS)	Do Not Spike
Analysis / Method:	Fe	EPA 1638 Mod. (ICP-MS)	Do Not Spike
Analysis / Method:	Mg	EPA 1638 Mod. (ICP-MS)	Do Not Spike
Analysis / Method:	Ni	EPA 1638 Mod. (ICP-MS)	Do Not Spike
Analysis / Method:	Pb	EPA 1638 Mod. (ICP-MS)	Do Not Spike

10

Sample Tag #: RR-1 RM 36.0
Collection Date/Time: 5/24/2007, 10:20:00 AM
ContainerType and Lot #: HDPE bottle,
Size: 250-mL

Matrix/Sub-Matrix: Water,
Preservation: none
Acid Lot#: n/a
pH:

Filtered?: Yes

Sample Storage Location: Cabinet #5

Comments:

Analysis / Method:	As	EPA 1638 Mod. (ICP-MS)
Analysis / Method:	Cd	EPA 1638 Mod. (ICP-MS)
Analysis / Method:	Cr	EPA 1638 Mod. (ICP-MS)
Analysis / Method:	Cu	EPA 1638 Mod. (ICP-MS)
Analysis / Method:	Fe	EPA 1638 Mod. (ICP-MS)
Analysis / Method:	Mg	EPA 1638 Mod. (ICP-MS)
Analysis / Method:	Ni	EPA 1638 Mod. (ICP-MS)
Analysis / Method:	Pb	EPA 1638 Mod. (ICP-MS)

Sample Custodian signature

Date

Reviewed By signature

Date



TRACE METALS ANALYSIS & PRODUCTS

Chain Of Custody Record

Page 1 of 2
White: LAB COPY
Yellow: CUSTOMER COPY

Client: ENTRIX		COC receipt confirmation? (Y / (N))		Ship to: Brooks Rand LLC																													
Contact: CORAUE DAYNE		If yes, by Fax / Email (circle one)		3958 6 th Avenue NW																													
Address: 590 YONACIO VALLEY RD WALNUT CREEK, CA 94596		Fax #:		Seattle, WA 98107																													
Phone #: 925-988-1234		Email:		Phone: 206-632-6206																													
PO #:		Sampler's name: <u>CD</u>		Fax: 206-632-6017																													
		Client project ID: <u>ENX007</u>		Email: samples@brooksrand.com																													
		BRL project ID: <u>ENX007</u>		www.brooksrand.com																													
Collection		Miscellaneous		Field Preservation		Analyses required					Comments																						
Date	Time	Sampler (initials)	Matrix type	# of containers	Sample field filtered (Y/N)	Unpreserved / ice only	HCl/HNO ₃ /BCl (circle one)	Other (specify)	Total Hg, EPA 1631	Methyl Hg, EPA 1630	Metals ICP-MS (specify)	As / Se species (specify)	% Solids	Filtration	Other (specify)	Other (specify)																	
Sample ID																	1	MFAR-1 RM 26.0	5-22-07	0800	CBJA	H ₂ O	2		X	X	X	X	X	X	X	X	As Cd Cr Cu Fe Ni Mg Pb
																	2	DC-1 RM 8.5	5-22-07	0945	CBJA	H ₂ O	2		X	X	X	X	X	X	X	X	X
																	3	DC-2 RM 8.0	5-22-07	1040	CBJA	H ₂ O	2		X	X	X	X	X	X	X	X	X
																	4	MFAR-1 RM 51.5	5-22-07	1140	CBJA	H ₂ O	2		X	X	X	X	X	X	X	X	X
																	5	MFAR-2 RM 46.5	5-22-07	1230	CBJA	H ₂ O	2		X	X	X	X	X	X	X	X	X
																	6	RR-2B	5-22-07	1400	CBJA	H ₂ O	2		X	X	X	X	X	X	X	X	X
																	7	RR-2 EC	5-22-07	1440	CBJA	H ₂ O	2		X	X	X	X	X	X	X	X	X
																	8	RR-2 DEC	5-22-07	1450	CBJA	H ₂ O	2		X	X	X	X	X	X	X	X	X
																	9	RR-2A	5-22-07	1510	CBJA	H ₂ O	2		X	X	X	X	X	X	X	X	X
																	10																
Relinquished by: <u>Julia Adams</u>		Date: 5-22-07		Time: 1900		Received by:		Date:		Time:																							
Relinquished by:		Date:		Time:		Received at BRL by: <u>CD</u>		Date: 5/24/07		Time: 0830																							
Shipping carrier:		# of coolers:		BRL Tracking #: <u>07BR0714</u>																													



Chain Of Custody Record

Page 2 of 2
White: LAB COPY
Yellow: CUSTOMER COPY

Client: ENTRIX	COC receipt confirmation? (Y / (N))	Ship to: Brooks Rand LLC
Contact: CORAUE DAYDE	If yes, by Fax / Email (circle one)	3958 6 th Avenue NW
Address: 590 YONACIO VALLEY RD	Fax #:	Seattle, WA 98107
WALNUT CREEK, CA 94596	Email:	Phone: 206-632-6206
	Sampler's name: C DAYDE	Fax: 206-632-6017
Phone #: 925-988-1234	Client project ID:	Email: samples@brooksrand.com
PO #:	BRL project ID: ENX002	www.brooksrand.com

Sample ID	Collection		Miscellaneous				Field Preservation		Analyses required								Comments		
	Date	Time	Sampler (initials)	Matrix type	# of containers	Sample field filtered (Y/N)	Unpreserved / ice only	HCl/HNO ₃ /Brl (circle one)	Other (specify)	Total Hg, EPA 1631	Methyl Hg, EPA 1630	Metals ICP-MS (specify)	As / Se species (specify)	% Solids	Filtration	Other (specify) <i>As Cd Cr Pb Cu Fe Ni Hg</i>		Other (specify)	Other (specify)
HH-2	5/22	10:30	CD,BF	H ₂ O	2		X			X							X		
	5/22	11:00	CD,BF	H ₂ O	2		X			X							X		
	5/22	11:30	CD,BF	H ₂ O	2		X			X							X		
	5/22	12:00	CD,BF	H ₂ O	2		X			X							X		
	5/22	13:00	CD,BF	H ₂ O	2		X			X							X		
	5/22	13:45	CD,BF	H ₂ O	2		X			X							X		

Relinquished by: <i>Corae Dayde</i>	Date: 5/22/07	Time: 1900	Received by:	Date:	Time:
Relinquished by:	Date:	Time:	Received at BRL by: <i>CD</i>	Date: 5/24/07	Time: 0830
Shipping carrier:	# of coolers:		BRL Tracking #:	07BRO714	



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Chain Of Custody Record

Page 1 of 1
White: LAB COPY
Yellow: CUSTOMER COPY

Client: ENTRIX	COC receipt confirmation? (Y / <input checked="" type="checkbox"/> N)	Ship to: Brooks Rand LLC
Contact: CORRINE DAYDE	If yes, by Fax / Email (circle one)	3958 6 th Avenue NW
Address: 590 Ygnacio Valley Rd, Ste 200 Walnut Creek CA 94596	Fax #:	Seattle, WA 98107
	Email:	Phone: 206-632-6206
	Sampler's name: Corrine Dayde J. Aldrin	Fax: 206-632-6017
Phone #: 925-988-1234	Client project ID:	Email: samples@brooksrand.com
PO #:	BRL project ID: ENX002	www.brooksrand.com

Sample ID	Collection		Miscellaneous				Field Preservation			Analyses required									Comments
	Date	Time	Sampler (initials)	Matrix type	# of containers	Sample field filtered (Y/N)	Unpreserved / ice only	HCl/HNO ₃ /BrCl (circle one)	Other (specify)	Total Hg, EPA 1631	Methyl Hg, EPA 1630	Metals ICP-MS (specify)	As / Se species (specify)	% Solids	Filtration	Other (specify) <i>As Cd Cu Fe Mg Ni Pb</i>	Other (specify)	Other (specify)	
1 SFRR-1 RH 0-0		11:00	CDJA	H ₂ O	1	Y				X							X		
2 SFRR-1 RH 0-0		11:00	CDJA	H ₂ O	2	N				X									
3 RR-3 RH 23-0		11:40	CDJA	H ₂ O	2					X							X		
4 RR-4 RH 22-S		12:20	CDJA	H ₂ O	2					X							X		
5 Field Blank 2		14:30	CDJA		2					X									
6																			
7																			
8																			
9																			
10																			

Relinquished by: Corrine Dayde	Date: 5/23/07	Time: 0700	Received by:	Date:	Time:
Relinquished by:	Date:	Time:	Received at BRL by: <i>[Signature]</i>	Date: 5/25/07	Time: 0830
Shipping carrier:	BRL Tracking #: 03BRO741				