



November 5, 2007

Entrix, Inc
Jillian Aldrin
701 University Ave, Suite 200
Sacramento, CA 95825

RE: Brooks Rand Project: ENX002; Report #: 07BR1399

Dear Ms. Aldrin,

Forty-four containers were received by Brooks Rand Labs (BRL) on October 4, 2007. 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). Upon notification from the client, manganese (Mn) was added to the requested analyses of these samples and will be reported separately on a later date.

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.

Results less than or equal to the method detection limit (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 practical quantitation limit (PQL) have been qualified "B" and should be considered estimates. Please refer to the Quality Assurance (QA) Summaries for QA details. All QA criteria were met with the exception detailed below.

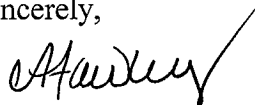
Batch 07-1139a

Several samples analyzed for Fe in batch #07-1139a produced highly negative results most likely due to a polyatomic interference. When comparing the field blank samples submitted (DI water supplied by the lab) to the native samples, an apparent matrix constituent in the native samples caused an over-correction of the results, leading to negative final calculated concentrations. High levels of calcium in the samples could cause such an over-correction. All results for Fe are reported as non-detects and, therefore, there is no reason to believe that the inference masks what might have been an otherwise quantifiable level of Fe.

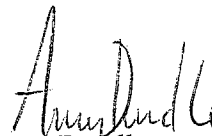
Three matrix spike/matrix spike duplicate (MS/MSD) sets were prepared with this batch. Two yielded acceptable recoveries for Fe; however, the third MS/MSD set prepared on sample "LCC-2 RM0.0" (07BR1389-04) produced low recoveries for Fe. This sample displayed the greatest influence of possible polyatomic interferences indicating potentially stronger matrix effects with this sample. As such, the Fe result for this sample has been qualified "N" for not meeting the spike recovery criteria. All other QA criteria were met including the analyses of four continuing calibration verification (CCV) standards, an independent calibration verification (ICV) standard, and two other MS/MSD sets. Therefore, no further qualification of the data was required. 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 Manager
amy@brooksrands.com

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:** Jillian Aldrin

701 University Ave Suite 200


Sacramento CA 95825

Tel: 916-386-3824

Lab Project # ENX002**Lab Tracking #** 07BR1399**Lab Services Agreement** ENX002**Sample/Sampling/Receiving Info****Entrix, Inc.****BRL**

Sample Identification	Sampling Date	Matrix	Submatrix	Sample Number	Receiving Date
MFAR-1 RM51.5	10/3/2007	Water		07BR1399 - 01	10/4/2007
MFAR-2 RM46.5	10/3/2007	Water		07BR1399 - 02	10/4/2007
RR-2	10/3/2007	Water		07BR1399 - 03	10/4/2007
FM-1	10/3/2007	Water		07BR1399 - 04	10/4/2007
FM-1(S)	10/3/2007	Water		07BR1399 - 05	10/4/2007
FM-2	10/3/2007	Water		07BR1399 - 06	10/4/2007
FM-2(S)	10/3/2007	Water		07BR1399 - 07	10/4/2007
FM-3	10/3/2007	Water		07BR1399 - 08	10/4/2007
FM-3(S)	10/3/2007	Water		07BR1399 - 09	10/4/2007
Field Blank	10/3/2007	Water	Blank	07BR1399 - 10	10/4/2007
Field Blank 2	10/3/2007	Water		07BR1399 - 11	10/4/2007
LCC-1 RM 0.0	10/2/2007	Water		07BR1399 - 12	10/4/2007
SFLCC-3	10/2/2007	Water		07BR1399 - 13	10/4/2007
NFLCC-3	10/2/2007	Water		07BR1399 - 14	10/4/2007
NFLCC-1 RM2.5	10/2/2007	Water		07BR1399 - 15	10/4/2007
NFLCC-2 RM3.0	10/2/2007	Water		07BR1399 - 16	10/4/2007
SFLCC-1 RM2.0	10/2/2007	Water		07BR1399 - 17	10/4/2007
SFLCC-2 RM2.5	10/2/2007	Water		07BR1399 - 18	10/4/2007
RR-1	10/2/2007	Water		07BR1399 - 19	10/4/2007
HH-3	10/2/2007	Water		07BR1399 - 20	10/4/2007
HH-3(S)	10/2/2007	Water		07BR1399 - 21	10/4/2007
Field Blank 3	10/2/2007	Water	Blank	07BR1399 - 22	10/4/2007
MFAR-1 RM51.5	10/3/2007	Water		07BR1399 - 23	10/4/2007
MFAR-2 RM46.5	10/3/2007	Water		07BR1399 - 24	10/4/2007
RR-2	10/3/2007	Water		07BR1399 - 25	10/4/2007
FM-1	10/3/2007	Water		07BR1399 - 26	10/4/2007
FM-1(S)	10/3/2007	Water		07BR1399 - 27	10/4/2007
FM-2	10/3/2007	Water		07BR1399 - 28	10/4/2007
FM-2(S)	10/3/2007	Water		07BR1399 - 29	10/4/2007
FM-3	10/3/2007	Water		07BR1399 - 30	10/4/2007
FM-3(S)	10/3/2007	Water		07BR1399 - 31	10/4/2007
Field Blank	10/3/2007	Water	Blank	07BR1399 - 32	10/4/2007
Field Blank 2	10/3/2007	Water		07BR1399 - 33	10/4/2007
LCC-1RM0.0	10/2/2007	Water		07BR1399 - 34	10/4/2007
SFLCC-3	10/2/2007	Water		07BR1399 - 35	10/4/2007
NFLCC-3	10/2/2007	Water		07BR1399 - 36	10/4/2007
NFLCC-1 RM2.5	10/2/2007	Water		07BR1399 - 37	10/4/2007
NFLCC-2 RM3.0	10/2/2007	Water		07BR1399 - 38	10/4/2007
SFLCC-1 RM2.0	10/2/2007	Water		07BR1399 - 39	10/4/2007
SFLCC-2 RM2.5	10/2/2007	Water		07BR1399 - 40	10/4/2007
RR-1	10/2/2007	Water		07BR1399 - 41	10/4/2007
HH-3	10/2/2007	Water		07BR1399 - 42	10/4/2007
HH-3(S)	10/2/2007	Water		07BR1399 - 43	10/4/2007
Field Blank 3	10/2/2007	Water	Blank	07BR1399 - 44	10/4/2007

Friday, November 02, 2007



Project Manager

Reported by

Brooks Rand LLC

Contact: Amanda Fawley

3958 6th Avenue NW

Seattle, WA 98107

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Summary of Results for

Entrix, Inc.

Contact: Jillian Aldrin

701 University Ave Suite 200

Sacramento CA 95825

Tel: 916-386-3824

Lab Project # ENX002

Lab Tracking # 07BR1399

Lab Services Agreement ENX002

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Sample Identification	BRL Number	Total or Dissolved	Preparation date	Analysis date	Batch #	Result	Units	Qualifier (Q)
MFAR-1 RM51.5	07BR1399 - 01	T	10/10/2007	10/20/2007	07-1141	0.240	ng/L	B
MFAR-2 RM46.5	07BR1399 - 02	T	10/10/2007	10/20/2007	07-1141	0.390	ng/L	B
RR-2	07BR1399 - 03	T	10/10/2007	10/20/2007	07-1141	1.260	ng/L	
FM-1	07BR1399 - 04	T	10/10/2007	10/20/2007	07-1141	0.250	ng/L	B
FM-1(S)	07BR1399 - 05	T	10/10/2007	10/20/2007	07-1141	0.210	ng/L	B
FM-2	07BR1399 - 06	T	10/10/2007	10/20/2007	07-1141	0.330	ng/L	B
FM-2(S)	07BR1399 - 07	T	10/10/2007	10/20/2007	07-1141	0.190	ng/L	B
FM-3	07BR1399 - 08	T	10/10/2007	10/20/2007	07-1141	0.240	ng/L	B
FM-3(S)	07BR1399 - 09	T	10/10/2007	10/20/2007	07-1141	0.230	ng/L	B
Field Blank	07BR1399 - 10	T	10/10/2007	10/20/2007	07-1141	0.150	ng/L	U
Field Blank 2	07BR1399 - 11	T	10/10/2007	10/20/2007	07-1141	0.150	ng/L	U
LCC-1 RM 0.0	07BR1399 - 12	T	10/10/2007	10/20/2007	07-1141	0.770	ng/L	
SFLCC-3	07BR1399 - 13	T	10/10/2007	10/20/2007	07-1141	0.320	ng/L	B
NFLCC-3	07BR1399 - 14	T	10/10/2007	10/20/2007	07-1141	1.230	ng/L	
NFLCC-1 RM2.5	07BR1399 - 15	T	10/10/2007	10/20/2007	07-1141	0.500	ng/L	
NFLCC-2 RM3.0	07BR1399 - 16	T	10/10/2007	10/20/2007	07-1141	1.040	ng/L	
SFLCC-1 RM2.0	07BR1399 - 17	T	10/10/2007	10/20/2007	07-1141	0.180	ng/L	B
SFLCC-2 RM2.5	07BR1399 - 18	T	10/10/2007	10/20/2007	07-1141	0.260	ng/L	B
RR-1	07BR1399 - 19	T	10/10/2007	10/20/2007	07-1141	0.150	ng/L	U
HH-3	07BR1399 - 20	T	10/10/2007	10/20/2007	07-1141	0.280	ng/L	B
HH-3(S)	07BR1399 - 21	T	10/10/2007	10/17/2007	07-1142	0.300	ng/L	B
Field Blank 3	07BR1399 - 22	T	10/10/2007	10/17/2007	07-1142	0.150	ng/L	U

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Lab Project # ENX002

Lab Tracking # 07BR1399

Lab Services Agreement ENX002

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Sample Identification	BRL Number	Total or Dissolved	Preparation date	Analysis date	Batch #	Result	Units	Qualifier (Q)
MFAR-1 RM51.5	07BR1399 - 23	D	10/16/2007	10/17/2007	07-1139	0.120	µg/L	B
MFAR-2 RM46.5	07BR1399 - 24	D	10/16/2007	10/17/2007	07-1139	0.110	µg/L	B
RR-2	07BR1399 - 25	D	10/16/2007	10/17/2007	07-1139	0.190	µg/L	B
FM-1	07BR1399 - 26	D	10/16/2007	10/17/2007	07-1139	0.110	µg/L	B
FM-1(S)	07BR1399 - 27	D	10/16/2007	10/17/2007	07-1139	0.150	µg/L	B
FM-2	07BR1399 - 28	D	10/16/2007	10/17/2007	07-1139	0.150	µg/L	B
FM-2(S)	07BR1399 - 29	D	10/16/2007	10/17/2007	07-1139	0.120	µg/L	B
FM-3	07BR1399 - 30	D	10/16/2007	10/17/2007	07-1139	0.150	µg/L	B
FM-3(S)	07BR1399 - 31	D	10/16/2007	10/17/2007	07-1139	0.150	µg/L	B
Field Blank	07BR1399 - 32	D	10/16/2007	10/17/2007	07-1139	0.060	µg/L	U
Field Blank 2	07BR1399 - 33	D	10/16/2007	10/17/2007	07-1139	0.060	µg/L	U
LCC-1RM0.0	07BR1399 - 34	D	10/16/2007	10/17/2007	07-1139	0.210	µg/L	
SFLCC-3	07BR1399 - 35	D	10/16/2007	10/17/2007	07-1139	0.180	µg/L	B
NFLCC-3	07BR1399 - 36	D	10/16/2007	10/17/2007	07-1139	0.260	µg/L	
NFLCC-1 RM2.5	07BR1399 - 37	D	10/16/2007	10/17/2007	07-1139	0.150	µg/L	B
NFLCC-2 RM3.0	07BR1399 - 38	D	10/16/2007	10/17/2007	07-1139	0.140	µg/L	B
SFLCC-1 RM2.0	07BR1399 - 39	D	10/16/2007	10/17/2007	07-1139	0.100	µg/L	B
SFLCC-2 RM2.5	07BR1399 - 40	D	10/16/2007	10/17/2007	07-1139	0.110	µg/L	B
RR-1	07BR1399 - 41	D	10/16/2007	10/17/2007	07-1139	0.280	µg/L	
HH-3	07BR1399 - 42	D	10/16/2007	10/17/2007	07-1139	0.200	µg/L	B
HH-3(S)	07BR1399 - 43	D	10/16/2007	10/17/2007	07-1139	0.220	µg/L	
Field Blank 3	07BR1399 - 44	D	10/16/2007	10/17/2007	07-1139	0.060	µg/L	U

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Lab Services Agreement ENX002

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Sample Identification	BRL Number	Total or Dissolved	Preparation date	Analysis date	Batch #	Result	Units	Qualifier (Q)
MFAR-1 RM51.5	07BR1399 - 23	D	10/16/2007	10/17/2007	07-1139	0.005	µg/L	B
MFAR-2 RM46.5	07BR1399 - 24	D	10/16/2007	10/17/2007	07-1139	0.004	µg/L	U
RR-2	07BR1399 - 25	D	10/16/2007	10/17/2007	07-1139	0.004	µg/L	U
FM-1	07BR1399 - 26	D	10/16/2007	10/17/2007	07-1139	0.004	µg/L	U
FM-1(S)	07BR1399 - 27	D	10/16/2007	10/17/2007	07-1139	0.004	µg/L	U
FM-2	07BR1399 - 28	D	10/16/2007	10/17/2007	07-1139	0.004	µg/L	U
FM-2(S)	07BR1399 - 29	D	10/16/2007	10/17/2007	07-1139	0.004	µg/L	U
FM-3	07BR1399 - 30	D	10/16/2007	10/17/2007	07-1139	0.004	µg/L	U
FM-3(S)	07BR1399 - 31	D	10/16/2007	10/17/2007	07-1139	0.004	µg/L	U
Field Blank	07BR1399 - 32	D	10/16/2007	10/17/2007	07-1139	0.004	µg/L	U
Field Blank 2	07BR1399 - 33	D	10/16/2007	10/17/2007	07-1139	0.004	µg/L	U
LCC-1RM0.0	07BR1399 - 34	D	10/16/2007	10/17/2007	07-1139	0.004	µg/L	U
SFLCC-3	07BR1399 - 35	D	10/16/2007	10/17/2007	07-1139	0.004	µg/L	U
NFLCC-3	07BR1399 - 36	D	10/16/2007	10/17/2007	07-1139	0.004	µg/L	U
NFLCC-1 RM2.5	07BR1399 - 37	D	10/16/2007	10/17/2007	07-1139	0.004	µg/L	U
NFLCC-2 RM3.0	07BR1399 - 38	D	10/16/2007	10/17/2007	07-1139	0.004	µg/L	U
SFLCC-1 RM2.0	07BR1399 - 39	D	10/16/2007	10/17/2007	07-1139	0.004	µg/L	U
SFLCC-2 RM2.5	07BR1399 - 40	D	10/16/2007	10/17/2007	07-1139	0.004	µg/L	U
RR-1	07BR1399 - 41	D	10/16/2007	10/17/2007	07-1139	0.008	µg/L	B
HH-3	07BR1399 - 42	D	10/16/2007	10/17/2007	07-1139	0.004	µg/L	U
HH-3(S)	07BR1399 - 43	D	10/16/2007	10/17/2007	07-1139	0.004	µg/L	U
Field Blank 3	07BR1399 - 44	D	10/16/2007	10/17/2007	07-1139	0.004	µg/L	U

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Lab Project # ENX002
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Lab Services Agreement ENX002

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Sample Identification	BRL Number	Total or Dissolved	Preparation date	Analysis date	Batch #	Result	Units	Qualifier (Q)
MFAR-1 RM51.5	07BR1399 - 23	D	10/16/2007	10/17/2007	07-1139	0.050	µg/L	B
MFAR-2 RM46.5	07BR1399 - 24	D	10/16/2007	10/17/2007	07-1139	0.030	µg/L	U
RR-2	07BR1399 - 25	D	10/16/2007	10/17/2007	07-1139	0.030	µg/L	U
FM-1	07BR1399 - 26	D	10/16/2007	10/17/2007	07-1139	0.030	µg/L	U
FM-1(S)	07BR1399 - 27	D	10/16/2007	10/17/2007	07-1139	0.030	µg/L	U
FM-2	07BR1399 - 28	D	10/16/2007	10/17/2007	07-1139	0.030	µg/L	U
FM-2(S)	07BR1399 - 29	D	10/16/2007	10/17/2007	07-1139	0.030	µg/L	U
FM-3	07BR1399 - 30	D	10/16/2007	10/17/2007	07-1139	0.030	µg/L	U
FM-3(S)	07BR1399 - 31	D	10/16/2007	10/17/2007	07-1139	0.030	µg/L	U
Field Blank	07BR1399 - 32	D	10/16/2007	10/17/2007	07-1139	0.030	µg/L	U
Field Blank 2	07BR1399 - 33	D	10/16/2007	10/17/2007	07-1139	0.030	µg/L	U
LCC-1RM0.0	07BR1399 - 34	D	10/16/2007	10/17/2007	07-1139	0.040	µg/L	B
SFLCC-3	07BR1399 - 35	D	10/16/2007	10/17/2007	07-1139	0.050	µg/L	B
NFLCC-3	07BR1399 - 36	D	10/16/2007	10/17/2007	07-1139	0.030	µg/L	U
NFLCC-1 RM2.5	07BR1399 - 37	D	10/16/2007	10/17/2007	07-1139	0.030	µg/L	U
NFLCC-2 RM3.0	07BR1399 - 38	D	10/16/2007	10/17/2007	07-1139	0.030	µg/L	U
SFLCC-1 RM2.0	07BR1399 - 39	D	10/16/2007	10/17/2007	07-1139	0.050	µg/L	B
SFLCC-2 RM2.5	07BR1399 - 40	D	10/16/2007	10/17/2007	07-1139	0.040	µg/L	B
RR-1	07BR1399 - 41	D	10/16/2007	10/17/2007	07-1139	0.130	µg/L	B
HH-3	07BR1399 - 42	D	10/16/2007	10/17/2007	07-1139	0.030	µg/L	U
HH-3(S)	07BR1399 - 43	D	10/16/2007	10/17/2007	07-1139	0.030	µg/L	U
Field Blank 3	07BR1399 - 44	D	10/16/2007	10/17/2007	07-1139	0.030	µg/L	U

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Sample Identification	BRL Number	Total or Dissolved	Preparation date	Analysis date	Batch #	Result	Units	Qualifier (Q)
MFAR-1 RM51.5	07BR1399 - 23	D	10/16/2007	10/17/2007	07-1139	0.210	µg/L	
MFAR-2 RM46.5	07BR1399 - 24	D	10/16/2007	10/17/2007	07-1139	0.170	µg/L	
RR-2	07BR1399 - 25	D	10/16/2007	10/17/2007	07-1139	0.510	µg/L	
FM-1	07BR1399 - 26	D	10/16/2007	10/17/2007	07-1139	0.170	µg/L	B
FM-1(S)	07BR1399 - 27	D	10/16/2007	10/17/2007	07-1139	0.190	µg/L	B
FM-2	07BR1399 - 28	D	10/16/2007	10/17/2007	07-1139	0.220	µg/L	
FM-2(S)	07BR1399 - 29	D	10/16/2007	10/17/2007	07-1139	0.200	µg/L	B
FM-3	07BR1399 - 30	D	10/16/2007	10/17/2007	07-1139	0.220	µg/L	
FM-3(S)	07BR1399 - 31	D	10/16/2007	10/17/2007	07-1139	0.180	µg/L	
Field Blank	07BR1399 - 32	D	10/16/2007	10/17/2007	07-1139	0.040	µg/L	U
Field Blank 2	07BR1399 - 33	D	10/16/2007	10/17/2007	07-1139	0.040	µg/L	U
LCC-1RM0.0	07BR1399 - 34	D	10/16/2007	10/17/2007	07-1139	0.300	µg/L	
SFLCC-3	07BR1399 - 35	D	10/16/2007	10/17/2007	07-1139	0.200	µg/L	B
NFLCC-3	07BR1399 - 36	D	10/16/2007	10/17/2007	07-1139	0.400	µg/L	
NFLCC-1 RM2.5	07BR1399 - 37	D	10/16/2007	10/17/2007	07-1139	0.130	µg/L	B
NFLCC-2 RM3.0	07BR1399 - 38	D	10/16/2007	10/17/2007	07-1139	0.120	µg/L	B
SFLCC-1 RM2.0	07BR1399 - 39	D	10/16/2007	10/17/2007	07-1139	0.150	µg/L	B
SFLCC-2 RM2.5	07BR1399 - 40	D	10/16/2007	10/17/2007	07-1139	0.120	µg/L	B
RR-1	07BR1399 - 41	D	10/16/2007	10/17/2007	07-1139	0.140	µg/L	B
HH-3	07BR1399 - 42	D	10/16/2007	10/17/2007	07-1139	0.270	µg/L	
HH-3(S)	07BR1399 - 43	D	10/16/2007	10/17/2007	07-1139	0.280	µg/L	
Field Blank 3	07BR1399 - 44	D	10/16/2007	10/17/2007	07-1139	0.040	µg/L	U

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Lab Project # ENX002**Lab Tracking #** 07BR1399**Lab Services Agreement** ENX002**Fe**

Sample Identification	BRL Number	Total or Dissolved	Preparation date	Analysis date	Batch #	Result	Units	Qualifier (Q)
MFAR-1 RM51.5	07BR1399 - 23	D	10/16/2007	10/18/2007	07-1139a	1.400	µg/L	U
MFAR-2 RM46.5	07BR1399 - 24	D	10/16/2007	10/18/2007	07-1139a	22.800	µg/L	
RR-2	07BR1399 - 25	D	10/16/2007	10/18/2007	07-1139a	15.700	µg/L	
FM-1	07BR1399 - 26	D	10/16/2007	10/18/2007	07-1139a	1.400	µg/L	U
FM-1(S)	07BR1399 - 27	D	10/16/2007	10/18/2007	07-1139a	1.400	µg/L	U
FM-2	07BR1399 - 28	D	10/16/2007	10/18/2007	07-1139a	1.400	µg/L	U
FM-2(S)	07BR1399 - 29	D	10/16/2007	10/18/2007	07-1139a	1.400	µg/L	U
FM-3	07BR1399 - 30	D	10/16/2007	10/18/2007	07-1139a	1.400	µg/L	U
FM-3(S)	07BR1399 - 31	D	10/16/2007	10/18/2007	07-1139a	1.400	µg/L	U
Field Blank	07BR1399 - 32	D	10/16/2007	10/18/2007	07-1139a	1.400	µg/L	U
Field Blank 2	07BR1399 - 33	D	10/16/2007	10/18/2007	07-1139a	1.400	µg/L	U
LCC-1RM0.0	07BR1399 - 34	D	10/16/2007	10/18/2007	07-1139a	1.400	µg/L	U
SFLCC-3	07BR1399 - 35	D	10/16/2007	10/18/2007	07-1139a	1.400	µg/L	U
NFLCC-3	07BR1399 - 36	D	10/16/2007	10/18/2007	07-1139a	1.400	µg/L	U
NFLCC-1 RM2.5	07BR1399 - 37	D	10/16/2007	10/18/2007	07-1139a	1.400	µg/L	U
NFLCC-2 RM3.0	07BR1399 - 38	D	10/16/2007	10/18/2007	07-1139a	7.100	µg/L	
SFLCC-1 RM2.0	07BR1399 - 39	D	10/16/2007	10/18/2007	07-1139a	1.400	µg/L	U
SFLCC-2 RM2.5	07BR1399 - 40	D	10/16/2007	10/18/2007	07-1139a	15.200	µg/L	
RR-1	07BR1399 - 41	D	10/16/2007	10/18/2007	07-1139a	1.400	µg/L	U
HH-3	07BR1399 - 42	D	10/16/2007	10/18/2007	07-1139a	1.400	µg/L	U
HH-3(S)	07BR1399 - 43	D	10/16/2007	10/18/2007	07-1139a	1.400	µg/L	U
Field Blank 3	07BR1399 - 44	D	10/16/2007	10/18/2007	07-1139a	1.400	µg/L	U

Friday, November 02, 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:** Jillian Aldrin

701 University Ave Suite 200

Sacramento CA 95825

Tel: 916-386-3824

Lab Project # ENX002**Lab Tracking #** 07BR1399**Lab Services Agreement** ENX002**Mg**

Sample Identification	BRL Number	Total or Dissolved	Preparation date	Analysis date	Batch #	Result	Units	Qualifier (Q)
MFAR-1 RM51.5	07BR1399 - 23	D	10/16/2007	10/17/2007	07-1139	1,320.000	µg/L	
MFAR-2 RM46.5	07BR1399 - 24	D	10/16/2007	10/17/2007	07-1139	691.000	µg/L	
RR-2	07BR1399 - 25	D	10/16/2007	10/17/2007	07-1139	636.000	µg/L	
FM-1	07BR1399 - 26	D	10/16/2007	10/17/2007	07-1139	642.000	µg/L	
FM-1(S)	07BR1399 - 27	D	10/16/2007	10/17/2007	07-1139	665.000	µg/L	
FM-2	07BR1399 - 28	D	10/16/2007	10/17/2007	07-1139	671.000	µg/L	
FM-2(S)	07BR1399 - 29	D	10/16/2007	10/17/2007	07-1139	678.000	µg/L	
FM-3	07BR1399 - 30	D	10/16/2007	10/17/2007	07-1139	682.000	µg/L	
FM-3(S)	07BR1399 - 31	D	10/16/2007	10/17/2007	07-1139	673.000	µg/L	
Field Blank	07BR1399 - 32	D	10/16/2007	10/17/2007	07-1139	2.100	µg/L	B
Field Blank 2	07BR1399 - 33	D	10/16/2007	10/17/2007	07-1139	0.600	µg/L	U
LCC-1RM0.0	07BR1399 - 34	D	10/16/2007	10/17/2007	07-1139	1,083.000	µg/L	
SFLCC-3	07BR1399 - 35	D	10/16/2007	10/17/2007	07-1139	1,139.000	µg/L	
NFLCC-3	07BR1399 - 36	D	10/16/2007	10/17/2007	07-1139	1,010.000	µg/L	
NFLCC-1 RM2.5	07BR1399 - 37	D	10/16/2007	10/17/2007	07-1139	1,830.000	µg/L	
NFLCC-2 RM3.0	07BR1399 - 38	D	10/16/2007	10/17/2007	07-1139	1,750.000	µg/L	
SFLCC-1 RM2.0	07BR1399 - 39	D	10/16/2007	10/17/2007	07-1139	1,610.000	µg/L	
SFLCC-2 RM2.5	07BR1399 - 40	D	10/16/2007	10/17/2007	07-1139	1,540.000	µg/L	
RR-1	07BR1399 - 41	D	10/16/2007	10/17/2007	07-1139	1,370.000	µg/L	
HH-3	07BR1399 - 42	D	10/16/2007	10/17/2007	07-1139	645.000	µg/L	
HH-3(S)	07BR1399 - 43	D	10/16/2007	10/17/2007	07-1139	652.000	µg/L	
Field Blank 3	07BR1399 - 44	D	10/16/2007	10/17/2007	07-1139	0.600	µg/L	U

Friday, November 02, 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: Jillian Aldrin

701 University Ave Suite 200

Sacramento CA 95825

Tel: 916-386-3824

Lab Project # ENX002


Lab Tracking # 07BR1399

Lab Services Agreement ENX002

Ni

Sample Identification	BRL Number	Total or Dissolved	Preparation date	Analysis date	Batch #	Result	Units	Qualifier (Q)
MFAR-1 RM51.5	07BR1399 - 23	D	10/16/2007	10/18/2007	07-1139a	0.040	µg/L	U
MFAR-2 RM46.5	07BR1399 - 24	D	10/16/2007	10/18/2007	07-1139a	0.040	µg/L	U
RR-2	07BR1399 - 25	D	10/16/2007	10/18/2007	07-1139a	0.040	µg/L	U
FM-1	07BR1399 - 26	D	10/16/2007	10/18/2007	07-1139a	0.040	µg/L	U
FM-1(S)	07BR1399 - 27	D	10/16/2007	10/18/2007	07-1139a	0.040	µg/L	U
FM-2	07BR1399 - 28	D	10/16/2007	10/18/2007	07-1139a	0.040	µg/L	U
FM-2(S)	07BR1399 - 29	D	10/16/2007	10/18/2007	07-1139a	0.040	µg/L	U
FM-3	07BR1399 - 30	D	10/16/2007	10/18/2007	07-1139a	0.040	µg/L	U
FM-3(S)	07BR1399 - 31	D	10/16/2007	10/18/2007	07-1139a	0.040	µg/L	U
Field Blank	07BR1399 - 32	D	10/16/2007	10/18/2007	07-1139a	0.040	µg/L	U
Field Blank 2	07BR1399 - 33	D	10/16/2007	10/18/2007	07-1139a	0.040	µg/L	U
LCC-1RM0.0	07BR1399 - 34	D	10/16/2007	10/18/2007	07-1139a	0.040	µg/L	U
SFLCC-3	07BR1399 - 35	D	10/16/2007	10/18/2007	07-1139a	0.040	µg/L	U
NFLCC-3	07BR1399 - 36	D	10/16/2007	10/18/2007	07-1139a	0.040	µg/L	U
NFLCC-1 RM2.5	07BR1399 - 37	D	10/16/2007	10/18/2007	07-1139a	0.040	µg/L	U
NFLCC-2 RM3.0	07BR1399 - 38	D	10/16/2007	10/18/2007	07-1139a	0.040	µg/L	U
SFLCC-1 RM2.0	07BR1399 - 39	D	10/16/2007	10/18/2007	07-1139a	0.040	µg/L	U
SFLCC-2 RM2.5	07BR1399 - 40	D	10/16/2007	10/18/2007	07-1139a	0.040	µg/L	U
RR-1	07BR1399 - 41	D	10/16/2007	10/18/2007	07-1139a	0.080	µg/L	B
HH-3	07BR1399 - 42	D	10/16/2007	10/18/2007	07-1139a	0.040	µg/L	U
HH-3(S)	07BR1399 - 43	D	10/16/2007	10/18/2007	07-1139a	0.040	µg/L	U
Field Blank 3	07BR1399 - 44	D	10/16/2007	10/18/2007	07-1139a	0.040	µg/L	U

Friday, November 02, 2007


Project Manager

Reported by

Brooks Rand LLC

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Summary of Results for

Entrix, Inc.

Contact: Jillian Aldrin

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Sacramento CA 95825

Tel: 916-386-3824


Lab Project # ENX002
Lab Tracking # 07BR1399

Lab Services Agreement ENX002

Pb

Sample Identification	BRL Number	Total or Dissolved	Preparation date	Analysis date	Batch #	Result	Units	Qualifier (Q)
MFAR-1 RM51.5	07BR1399 - 23	D	10/16/2007	10/18/2007	07-1139a	0.051	µg/L	
MFAR-2 RM46.5	07BR1399 - 24	D	10/16/2007	10/18/2007	07-1139a	0.010	µg/L	U
RR-2	07BR1399 - 25	D	10/16/2007	10/18/2007	07-1139a	0.010	µg/L	U
FM-1	07BR1399 - 26	D	10/16/2007	10/18/2007	07-1139a	0.010	µg/L	U
FM-1(S)	07BR1399 - 27	D	10/16/2007	10/18/2007	07-1139a	0.010	µg/L	U
FM-2	07BR1399 - 28	D	10/16/2007	10/18/2007	07-1139a	0.010	µg/L	U
FM-2(S)	07BR1399 - 29	D	10/16/2007	10/18/2007	07-1139a	0.010	µg/L	U
FM-3	07BR1399 - 30	D	10/16/2007	10/18/2007	07-1139a	0.010	µg/L	U
FM-3(S)	07BR1399 - 31	D	10/16/2007	10/18/2007	07-1139a	0.010	µg/L	U
Field Blank	07BR1399 - 32	D	10/16/2007	10/18/2007	07-1139a	0.010	µg/L	U
Field Blank 2	07BR1399 - 33	D	10/16/2007	10/18/2007	07-1139a	0.010	µg/L	U
LCC-1RM0.0	07BR1399 - 34	D	10/16/2007	10/18/2007	07-1139a	0.015	µg/L	B
SFLCC-3	07BR1399 - 35	D	10/16/2007	10/18/2007	07-1139a	0.010	µg/L	U
NFLCC-3	07BR1399 - 36	D	10/16/2007	10/18/2007	07-1139a	0.048	µg/L	B
NFLCC-1 RM2.5	07BR1399 - 37	D	10/16/2007	10/18/2007	07-1139a	0.010	µg/L	U
NFLCC-2 RM3.0	07BR1399 - 38	D	10/16/2007	10/18/2007	07-1139a	0.010	µg/L	U
SFLCC-1 RM2.0	07BR1399 - 39	D	10/16/2007	10/18/2007	07-1139a	0.011	µg/L	B
SFLCC-2 RM2.5	07BR1399 - 40	D	10/16/2007	10/18/2007	07-1139a	0.010	µg/L	U
RR-1	07BR1399 - 41	D	10/16/2007	10/18/2007	07-1139a	0.010	µg/L	U
HH-3	07BR1399 - 42	D	10/16/2007	10/18/2007	07-1139a	0.010	µg/L	U
HH-3(S)	07BR1399 - 43	D	10/16/2007	10/18/2007	07-1139a	0.010	µg/L	U
Field Blank 3	07BR1399 - 44	D	10/16/2007	10/18/2007	07-1139a	0.010	µg/L	U

Friday, November 02, 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 #: 07-1141

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	4.95	99%
CCV2	5.00	4.75	95%
CCV3	5.00	4.82	96%
CCV4	5.00	4.76	95%

BIAS Criterion: Recovery = 85-115% Independent Calibration Verification (ICV)			
QCS ID	Certified Value ng/L	Measured Value ng/L	Recovery %
ICV*	16.01	15.75	98%

* 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 %	
07BR1399-01	0.24	1.27	1.62	109%	1.26	1.59	107%	2%
07BR1399-15	0.50	2.53	3.24	109%	2.52	3.17	106%	2%

1.0% BrCl Method Blanks (MB) Criterion: MB ≤ 0.5 ng/L, StDev ≤ 2/3 MDL						Method 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
0.04	0.04	0.13	0.01	0.06	0.05	0.15	0.40

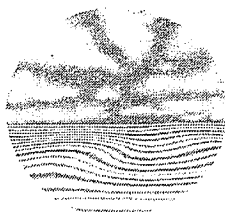
1% BrCl MB prepared in quadruplicate.

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

Nicole C. Mead
Quality Assurance Officer

W. Stanley
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 #: 07-1142

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	4.93	99%
CCV2	5.00	4.89	98%
CCV3	5.00	5.12	102%
CCV4	5.00	4.72	94%

BIAS Criterion: Recovery = 85-115% Independent Calibration Verification (ICV)			
QCS ID	Certified Value ng/L	Measured Value ng/L	Recovery %
ICV*	16.01	15.83	99%

* Preparation of the CRM NIST 1641d.

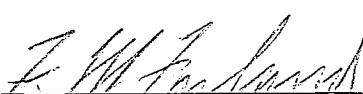
BIAS Criteria: Recovery = 71-125%, RPD ≤ 24% Matrix Spikes/Matrix Spike Duplicates (MS/MSD)								
Sample ID	Sample Value ng/L	Matrix Spike			Matrix Spike Duplicate			Duplicate RPD
		Spiked Value ng/L	Measured Value ng/L	MS Recovery %	Spiked Value ng/L	Measured Value ng/L	MSD Recovery %	
07BR1388-01	7.13	35.31	47.39	114%	35.35	47.12	113%	1%
07BR1397-02	0.35	1.81	2.34	110%	1.81	2.39	113%	2%

1.0% BrCl Method Blanks (MB) Criterion: MB ≤ 0.5 ng/L, StDev ≤ 2/3 MDL						Method 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
0.03	0.06	0.03	0.00	0.03	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
07BR1374-02	3.0	8.1
07BR1403-05	3.1	8.2
07BR1403-06	3.0	8.1


Quality Assurance Officer


Project Manager

QUALITY ASSURANCE SUMMARY



BROOKSRAND
TRACE METALS ANALYSIS & PRODUCTS

3958 6th Avenue NW
Seattle, WA 98107
Voice: 206-632-6206
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Batch #: 07-1139


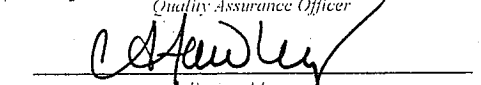
Method #: EPA 1638 Mod. (ICP-MS)

Analyte: Trace Metals

Matrix: Water

BIAS Criterion: Recovery = 85-115%			
Independent Calibration Verification (ICV)			
Analyte	Certified Value µg/L	Measured Value µg/L	Recovery %
Mg	50.00	52.01	104%
Cr	50.00	48.91	98%
Cu	50.00	50.06	100%
As	50.00	47.01	94%
Cd	5.000	5.055	101%

BIAS Criteria: Recovery = 75-125%						
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	5361	92%	8037	7388	92%
Cr	38.60	37.03	96%	20.40	20.72	102%
Cu	85.20	87.27	102%	22.76	22.87	100%
As	26.67	24.95	94%	60.45	53.03	88%
Cd	22.79	22.79	100%	6.57	6.43	98%


Quality Assurance Officer

Project Manager

QUALITY ASSURANCE SUMMARY

Batch #: 07-1139 (Cont.)

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

Analyte: Trace Metals

Matrix: Water

BIAS Criteria: Recovery = 75-125%, RPD ≤25%								
Sample 07BR1389-04 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	2012	2000	3959	97%	2000	3951	97%	0%
Cr	0.03	1.00	0.80	77%	1.00	0.80	77%	0%
Cu	0.30	1.00	1.26	95%	1.00	1.24	94%	1%
As	0.21	1.00	1.06	85%	1.00	1.05	84%	1%
Cd	0.001	0.500	0.472	94%	0.500	0.458	91%	3%

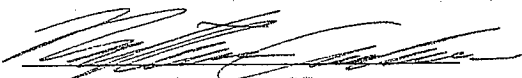
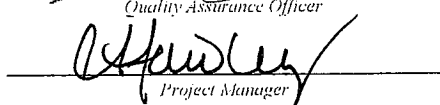
PRECISION Criteria: RPD ≤25% or results +/-PQL if ≤5x PQL				
Sample 07BR1389-04 Method Duplicate Analysis (MD)				
Analyte	Sample Value µg/L	Duplicate Value µg/L	Average Value µg/L	Duplicate RPD
Mg	2012	2029	2020	1%
Cr	0.03	0.05	0.04	*
Cu	0.30	0.33	0.32	*
As	0.21	0.23	0.22	*
Cd	0.001	0.001	0.001	*

* Results are < 5x PQL and +/- PQL

BIAS Criteria: Recovery = 75-125%, RPD ≤25%								
Sample 07BR1397-07 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	628.3	2000	2701	104%	2000	2609	99%	3%
Cr	0.05	1.00	0.84	79%	1.00	0.81	76%	4%
Cu	0.35	1.00	1.35	100%	1.00	1.32	97%	2%
As	0.19	1.00	1.08	89%	1.00	1.03	84%	5%
Cd	0.014	0.500	0.475	92%	0.500	0.466	91%	2%

PRECISION Criteria: RPD ≤25% or results +/-PQL if ≤5x PQL				
Sample 07BR1397-07 Method Duplicate Analysis (MD)				
Analyte	Sample Value µg/L	Duplicate Value µg/L	Average Value µg/L	Duplicate RPD
Mg	628.3	636.4	632.4	1%
Cr	0.05	0.05	0.05	*
Cu	0.35	0.37	0.36	*
As	0.19	0.22	0.20	*
Cd	0.014	0.014	0.014	*

* Results are < 5x PQL and +/- PQL


 Quality Assurance Officer

 Project Manager

QUALITY ASSURANCE SUMMARY

Batch #: 07-1139 (Cont.)

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

Analyte: Trace Metals

Matrix: Water

BIAS Criteria: Recovery = 75-125%, RPD ≤ 25%

Sample 07BR1399-30 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	681.5	2000	2789	105%	2000	2835	108%	2%
Cr	-0.09	1.00	0.69	78%	1.00	0.70	79%	1%
Cu	0.22	1.00	1.25	103%	1.00	1.22	100%	2%
As	0.15	1.00	0.99	84%	1.00	1.04	89%	5%
Cd	0.002	0.500	0.474	94%	0.500	0.483	96%	2%

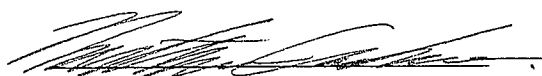
PRECISION Criteria: RPD ≤ 25% or results +/- PQL if ≤ 5x PQL

Sample 07BR1399-30 Method Duplicate Analysis (MD)

Analyte	Sample Value µg/L	Duplicate Value µg/L	Average Value µg/L	Duplicate RPD
Mg	681.5	659.9	670.7	3%
Cr	-0.09	-0.10	-0.09	*
Cu	0.22	0.21	0.21	*
As	0.15	0.14	0.15	*
Cd	0.002	0.003	0.002	*

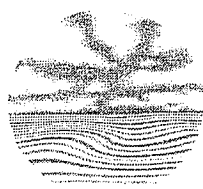
* Results are < 5x PQL and +/- PQL

Method Blanks (MB) Criteria: Avg. ≤ PQL and StDev ≤ MDL or < 1/10th sample result							Method Detection Limits	
Analyte	MB1 µg/L	MB2 µg/L	MB3 µg/L	MB4 µg/L	Average µg/L	StDev µg/L	MDL µg/L	PQL µg/L
Mg	-1.1	-1.2	-1.1	-1.2	-1.2	0.043	0.6	3.0
Cr	-0.04	-0.03	-0.03	-0.03	-0.03	0.003	0.03	0.15
Cu	0.00	0.00	0.00	0.00	0.00	0.001	0.04	0.20
As	0.00	-0.01	0.01	0.01	0.00	0.010	0.06	0.20
Cd	0.000	0.000	0.0002	-0.0001	0.000	0.000	0.004	0.010


 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 #: 07-1139a

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

Analyte: Trace Metals

Matrix: Water

BIAS Criterion: Recovery = 85-115%			
Independent Calibration Verification (ICV)			
Analyte	Certified Value µg/L	Measured Value µg/L	Recovery %
Fe	50.0	46.5	93%
Ni	50.00	50.97	102%
Pb	5.000	5.072	101%

The ICV recovery for Pb is reported from the analysis of ICV1. All other recoveries are reported from the analysis of ICV2.

BIAS Criteria: Recovery = 75-125%						
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 %
Fe	34.3	25.8	75%	98.1	100.4	102%
Ni	27.4	28.0	102%	62.41	65.13	104%
Pb	27.89	27.76	100%	19.63	19.99	102%

BIAS Criteria: Recovery = 75-125%, RPD ≤25%								
Sample 07BR1389-04 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 %	
Fe	-5.0	20.0	9.9	74%	20.0	9.6	73%	4%
Ni	0.01	1.00	0.82	81%	1.00	0.78	77%	5%
Pb	0.015	0.500	0.510	99%	0.500	0.493	96%	3%

Low MS/MSD recoveries for Fe, see narrative.

PRECISION Criteria: RPD ≤25% or results +/- PQL if ≤5x PQL				
Sample 07BR1389-04 Method Duplicate Analysis (MD)				
Analyte	Sample Value µg/L	Duplicate Value µg/L	Average Value µg/L	Duplicate RPD
Fe	-5.0	-6.4	-5.7	*
Ni	0.01	0.05	0.03	*
Pb	0.015	0.010	0.013	*

*Results are < 5x PQL and +/- PQL.


 Quality Assurance Officer

 Project Manager

QUALITY ASSURANCE SUMMARY

Batch #: 07-1139a (continued)

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

Analyte: Trace Metals

Matrix: Water

BIAS Criteria: Recovery = 75-125%, RPD ≤25%								
Sample 07BR1397-07 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 %	
Fe	-1.5	20.0	15.8	86%	20.0	14.5	80%	8%
Ni	0.02	1.00	0.86	83%	1.00	0.84	82%	2%
Pb	0.025	0.500	0.506	96%	0.500	0.506	96%	0%

PRECISION Criteria: RPD ≤25% or results +/-PQL if ≤5x PQL				
Sample 07BR1397-07 Method Duplicate Analysis (MD)				
Analyte	Sample Value µg/L	Duplicate Value µg/L	Average Value µg/L	Duplicate RPD
Fe	-1.5	-1.6	-1.5	*
Ni	0.02	0.02	0.02	*
Pb	0.025	0.025	0.025	*

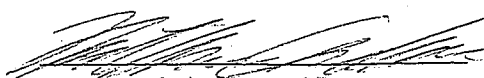
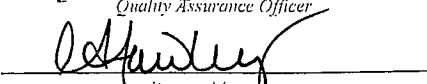
*Results are < 5x PQL and +/- PQL.

BIAS Criteria: Recovery = 75-125%, RPD ≤25%								
Sample 07BR1399-30 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 %	
Fe	-0.2	20.0	17.3	88%	20.0	15.9	81%	8%
Ni	0.01	1.00	0.90	88%	1.00	0.86	85%	4%
Pb	0.009	0.500	0.485	95%	0.500	0.480	94%	1%

PRECISION Criteria: RPD ≤25% or results +/-PQL if ≤5x PQL				
Sample 07BR1399-30 Method Duplicate Analysis (MD)				
Analyte	Sample Value µg/L	Duplicate Value µg/L	Average Value µg/L	Duplicate RPD
Fe	-0.2	-0.7	-0.4	*
Ni	0.01	0.01	0.01	*
Pb	0.009	0.008	0.008	*

*Results are < 5x PQL and +/- PQL.

Method Blanks (MB) Criteria: Avg. ≤ PQL and StDev ≤ MDL or < 1/10th sample result							Method Detection Limits	
Analyte	MB1 µg/L	MB2 µg/L	MB3 µg/L	MB4 µg/L	Average µg/L	StDev µg/L	MDL µg/L	PQL µg/L
Fe	0.3	-0.5	0.6	-0.7	-0.1	0.6	1.4	5.0
Ni	-0.01	-0.01	-0.01	-0.01	-0.01	0.00	0.04	0.20
Pb	0.000	0.001	0.003	0.001	0.001	0.001	0.010	0.050


 Quality Assurance Officer

 Project Manager

3958 6th Avenue NW

Seattle, WA 98107

www.brooksrand.com

Phone: 206-632-6206

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Email: brl@brooksrand.com

Sample Receiving Log

Tracking # **07BR1399**

Customer: Entrix, Inc.

Contact: Brian Frantz

Project Ref. #: ENX002

BRL Project Manager: Amanda Fawley

Due Date: 11/1/2007

Receiving Date: 10/4/2007

Receiving Time: 8:40 AM

Logged-in by: Jennifer Holmes

Log-in Date: 10/4/2007

Log-in Time: 9:30 AM

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 airbill# 8621 6629 5973 temp 1.0oC cooler 2 airbill# 8621 6629 6010 temp 1.8oC

Lab ID:

01

Sample Tag #: MFAR-1 RM51.5

Collection Date/Time: 10/3/2007, 12:00:00 PM

ContainerType and Lot #: FLPE bottle, 07-162

Size: 500-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 #: MFAR-2 RM46.5

Collection Date/Time: 10/3/2007, 11:25:00 AM

ContainerType and Lot #: FLPE bottle, 07-199

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-2

Collection Date/Time: 10/3/2007, 10:20:00 AM

ContainerType and Lot #: FLPE bottle, 07-199

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 #: FM-1
Collection Date/Time: 10/3/2007, 9:00:00 AM
ContainerType and Lot #: FLPE bottle, 07-199
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 #: FM-1(S)
Collection Date/Time: 10/3/2007, 9:30:00 AM
ContainerType and Lot #: FLPE bottle, 07-199
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 #: FM-2
Collection Date/Time: 10/3/2007, 10:15:00 AM
ContainerType and Lot #: FLPE bottle, 07-199
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 #: FM-2(S)
Collection Date/Time: 10/3/2007, 11:00:00 AM
ContainerType and Lot #: FLPE bottle, 07-199
Size:

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 #: FM-3
Collection Date/Time: 10/3/2007, 12:30:00 PM
ContainerType and Lot #: FLPE bottle, 07-199
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 #: FM-3(S)
Collection Date/Time: 10/3/2007, 1:00:00 PM
ContainerType and Lot #: FLPE bottle, 07-199
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 #: Field Blank
Collection Date/Time: 10/3/2007, 11:00:00 AM
ContainerType and Lot #: FLPE bottle, 07-199
Size: 250-mL

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

Comments:

Analysis / Method: Hg EPA 1631 FB

11

Sample Tag #: Field Blank 2
Collection Date/Time: 10/3/2007, 1:30:00 PM
ContainerType and Lot #: FLPE bottle, 07-199
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 #: LCC-1 RM 0.0
Collection Date/Time: 10/2/2007, 10:00:00 AM
ContainerType and Lot #: FLPE bottle, 07-199
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 #: SFLCC-3
Collection Date/Time: 10/2/2007, 11:20:00 AM
ContainerType and Lot #: FLPE bottle, 07-199
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 #: NFLCC-3
Collection Date/Time: 10/2/2007, 11:10:00 AM
ContainerType and Lot #: FLPE bottle, 07-199
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 #: NFLCC-1 RM2.5
Collection Date/Time: 10/2/2007, 12:10:00 PM
ContainerType and Lot #: FLPE bottle, 07-162
Size: 500-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 #: NFLCC-2 RM3.0
Collection Date/Time: 10/2/2007, 12:30:00 PM
ContainerType and Lot #: FLPE bottle, 07-199
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

17

Sample Tag #: SFLCC-1 RM2.0
Collection Date/Time: 10/2/2007, 1:00:00 PM
ContainerType and Lot #: FLPE bottle, 07-199
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

18

Sample Tag #: SFLCC-2 RM2.5
Collection Date/Time: 10/2/2007, 1:20:00 PM
ContainerType and Lot #: FLPE bottle, 07-199
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

19

Sample Tag #: RR-1
Collection Date/Time: 10/2/2007, 11:40:00 AM
ContainerType and Lot #: FLPE bottle, 07-199
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

20

Sample Tag #: HH-3
Collection Date/Time: 10/2/2007, 9:00:00 AM
ContainerType and Lot #: FLPE bottle, 07-199
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

21

Sample Tag #: HH-3(S)
Collection Date/Time: 10/2/2007, 10:15:00 AM
ContainerType and Lot #: FLPE bottle, 07-199
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:

22

Sample Tag #: Field Blank 3
Collection Date/Time: 10/2/2007, 9:00:00 AM
ContainerType and Lot #: FLPE bottle, 07-199
Size: 250-mL

Matrix/Sub-Matrix: Water, Blank

Preservation: none

Acid Lot#: n/a

pH:

Filtered?: No

Sample Storage Location: Cabinet #5

Comments: This sample was identified as Trip Blank on COC however it had not custody seal so is identified as Field Blank 3 here. The client is being contacted to determine if it is a trip or field blank.

Analysis / Method: Hg

EPA 1631

FB

23

Sample Tag #: MFAR-1 RM51.5
Collection Date/Time: 10/3/2007, 12:00:00 PM
ContainerType and Lot #: HDPE bottle, 07-215
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 #: MFAR-2 RM46.5
Collection Date/Time: 10/3/2007, 11:25:00 AM
ContainerType and Lot #: HDPE bottle, 07-092
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 #: RR-2
Collection Date/Time: 10/3/2007, 10:20:00 AM
ContainerType and Lot #: HDPE bottle, 07-229
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)

Lab ID:

26

Sample Tag #: FM-1
Collection Date/Time: 10/3/2007, 9:00:00 AM
ContainerType and Lot #: HDPE bottle, 07-215
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)

27

Sample Tag #: FM-1(S)
Collection Date/Time: 10/3/2007, 9:30:00 AM
ContainerType and Lot #: HDPE bottle, 07-215
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)

28

Sample Tag #: FM-2
Collection Date/Time: 10/3/2007, 10:15:00 AM
ContainerType and Lot #: HDPE bottle, 02-215
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)

29

Sample Tag #: FM-2(S)
Collection Date/Time: 10/3/2007, 11:00:00 AM
ContainerType and Lot #: HDPE bottle, 07-215
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)

30

Sample Tag #:	FM-3	Matrix/Sub-Matrix:	Water,
Collection Date/Time:	10/3/2007, 12:30:00 PM	Preservation:	none
ContainerType and Lot #:	HDPE bottle, 07-215	Acid Lot#:	n/a
Size:	250-mL	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)

31

Sample Tag #:	FM-3(S)	Matrix/Sub-Matrix:	Water,
Collection Date/Time:	10/3/2007, 1:00:00 PM	Preservation:	none
ContainerType and Lot #:	HDPE bottle, 07-215	Acid Lot#:	n/a
Size:	250-mL	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)

32

Sample Tag #:	Field Blank	Matrix/Sub-Matrix:	Water, Blank
Collection Date/Time:	10/3/2007, 11:00:00 AM	Preservation:	none
ContainerType and Lot #:	HDPE bottle, 07-229	Acid Lot#:	n/a
Size:	250-mL	pH:	Filtered?: Yes
		Sample Storage Location:	Cabinet #5

Comments:

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

Lab ID:

33

Sample Tag #: Field Blank 2
Collection Date/Time: 10/3/2007, 1:00:00 PM
ContainerType and Lot #: HDPE bottle, 07-229
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)

34

Sample Tag #: LCC-1RM0.0
Collection Date/Time: 10/2/2007, 10:00:00 AM
ContainerType and Lot #: HDPE bottle, 07-215
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)

35

Sample Tag #: SFLCC-3
Collection Date/Time: 10/2/2007, 11:20:00 AM
ContainerType and Lot #: HDPE bottle, 07-215
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)

36

Sample Tag #: NFLCC-3
Collection Date/Time: 10/2/2007, 11:10:00 AM
ContainerType and Lot #: HDPE bottle, 07-215
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)

37

Sample Tag #: NFLCC-1 RM2.5

Collection Date/Time: 10/2/2007, 12:10:00 PM

ContainerType and Lot #: HDPE bottle, 07-215

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)

38

Sample Tag #: NFLCC-2 RM3.0

Collection Date/Time: 10/2/2007, 12:30:00 PM

ContainerType and Lot #: HDPE bottle, 07-215

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)

39

Sample Tag #: SFLCC-1 RM2.0

Collection Date/Time: 10/2/2007, 1:00:00 PM

ContainerType and Lot #: HDPE bottle, 07-215

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)

Lab ID:

40

Sample Tag #: SFLCC-2 RM2.5
Collection Date/Time: 10/2/2007, 11:20:00 PM
ContainerType and Lot #: HDPE bottle, 07-215
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)

41

Sample Tag #: RR-1
Collection Date/Time: 10/2/2007, 11:40:00 AM
ContainerType and Lot #: HDPE bottle, 07-229
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)

42

Sample Tag #: HH-3
Collection Date/Time: 10/2/2007, 9:00:00 AM
ContainerType and Lot #: HDPE bottle, 07-215
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)

43

Sample Tag #: HH-3(S)
Collection Date/Time: 10/2/2007, 10:15:00 AM
ContainerType and Lot #: HDPE bottle, 07-215
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)
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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)

44

Sample Tag #:	Field Blank 3	Matrix/Sub-Matrix:	Water, Blank
Collection Date/Time:	10/2/2007, 9:00:00 AM	Preservation:	none
Container Type and Lot #:	HDPE bottle, 07-229	Acid Lot#:	n/a
Size:	250-mL	pH:	Filtered?: Yes
		Sample Storage Location:	Cabinet #5

Comments: This sample is identified as a Trip Blank on the COC however had no custody seal. It is logged in here as a Field Blank with the ID of Field Blank 3.

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

J. J. HV
Sample Custodian signature

10/2/07 corrected
Date

Officer
Reviewed By signature

10/8/07
Date



Chain Of Custody Record

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

Client: ENTRIX	COC receipt confirmation? (Y / <u>N</u>)	Ship to: Brooks Rand LLC
Contact: CORAUE DAYDE	If yes, by Fax / Email (circle one)	3958 6 th Avenue NW
Address: 2300 CLAYTON RD, Ste 200 CONCORD, CA 94520	Fax #:	Seattle, WA 98107
	Email:	Phone: 206-632-6206
	Sampler's name: C. DAYDE / J. ALDRIN	Fax: 206-632-6017
Phone #: 925-988-1234	Client project ID: PCWA WP	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) As, Cd, Cr, Cu, Fe, Ni, Pb, Hg	Other (specify)	Other (specify)
1 MFPR-1 RM51.5	10/30/07	1200	CD,JA	H ₂ O	2	Y/N ⁺	X			X							X		*THg not filtered, other metals field filtered.
2 MFPR-2 RM46.5	10/30/07	1125	CD,JA	H ₂ O	2	Y/N ⁺	X			X							X		
3 RR-2	10/30/07	1020	CD,JA	H ₂ O	2	Y/N ⁺	X			X							X		
4 FH-1	10/30/07	0900	CD,JA	H ₂ O	2	Y/N ⁺	X			X							X		
5 FH-1(S)	10/30/07	0930	CD,JA	H ₂ O	2	Y/N ⁺	X			X							X		
6 FH-2	10/30/07	1015	CD,JA	H ₂ O	2	Y/N ⁺	X			X							X		
7 FH-2(S)	10/30/07	1100	CD,JA	H ₂ O	2	Y/N ⁺	X			X							X		
8 FH-3	10/30/07	1230	CD,JA	H ₂ O	2	Y/N ⁺	X			X							X		
9 FH-3(S)	10/30/07	1300	CD,JA	H ₂ O	2	Y/N ⁺	X			X							X		
10 Field Blank	10/30/07	1100	CD,JA	H ₂ O	2	Y/N ⁺	X			X							X		

Relinquished by: <u>Y. Villarreal</u>	Date: <u>10/30/07</u>	Time: <u>1600</u>	Received by: <u>[Signature]</u>	Date: <u>10/4/07</u>	Time: <u>840</u>
Relinquished by: <u>[Signature]</u>	Date: <u>10/30/07</u>	Time: <u>1600</u>	Received at BRL by: <u>[Signature]</u>	Date: <u>10/4/07</u>	Time: <u>840</u>
Shipping carrier:	BRL Tracking #:				



BROOKSRAND
TRACE METALS ANALYSIS & PRODUCTS

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: CORALIE DAYDE		If yes, by Fax / Email (circle one)		3958 6 th Avenue NW														
Address: 2300 CLAYTON RD, Ste 200		Fax #:		Seattle, WA 98107														
CONCORD, CA 94520		Email:		Phone: 206-632-6206														
Phone #: 925-988-1234		Sampler's name: C. DAYDE / J. ALDRIN		Fax: 206-632-6017														
PO #:		Client project ID: PCWA WP		Email: samples@brooksrand.com														
		BRL project ID: ENX002		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) As, Cd, Cr, Pb, Fe, Ni, Hg	Other (specify)	Other (specify)	
10/30/07	1330	CO, JA	H ₂ O	2	Y/N ⁺	X			X						X			*THg not filtered, other metals field filtered
2																		
3																		
4																		
5																		
6																		
7																		
8																		
9																		
10																		
Relinquished by: <u>CO, JA</u>		Date: <u>10/30/07</u>	Time: <u>1600</u>	Received by: <u>Ken J</u>		Date: <u>10/4/07</u>	Time: <u>840</u>											
Relinquished by: <u>Ken J</u>		Date: <u>10/4/07</u>	Time: <u>840</u>	Received at BRL by: <u>Ken J</u>		Date: <u>10/4/07</u>	Time: <u>840</u>											
Shipping carrier: <u>UPS</u>		# of coolers: <u>1</u>		BRL Tracking #: <u>9501 1234 5678</u>														



BROOKSRAND
TRACE METALS ANALYSIS & PRODUCTS

Chain Of Custody Record

Page 1 of 2

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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: 2300 CLAYTON RD, Ste 200		Fax #:		Seattle, WA 98107												
CONCORD, CA 94520		Email:		Phone: 206-632-6206												
Phone #: 925-988-1234		Sampler's name: C. DAYDE / J. ALDRIN		Fax: 206-632-6017												
PO #:		Client project ID: FCWA WP		Email: samples@brooksrand.com												
		BRL project ID: ENX002		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 /BrCl (circle one)	Total Hg, EPA 1631	Methyl Hg, EPA 1630	Metals ICP-MS (specify)	As / Se species (specify)	% Solids	Filtration	Other (specify) Cu, Fe, Ni, Hg, Pb	Other (specify)	Other (specify)
10/2/07	1140	CD, JA	H ₂ O	2	Y/N ^u	X		X						X		
10/2/07	0900	CD, JA	H ₂ O	2	Y/N ^u	X		X						X		
10/2/07	1015	CD, JA	H ₂ O	2	Y/N ^u	X		X						X		
10/2/07	0900	CD, JA	H ₂ O	2	Y/N ^u	X		X						X		
5																
6																
7																
8																
9																
10																
Relinquished by: <u>Colleen Aldrin</u>		Date: <u>10/2/07</u>	Time: <u>1730</u>	Received by:		Date: <u>10/4/07</u>	Time: <u>840</u>									
Relinquished by: <u>J</u>		Date:	Time:	Received at BRL by: <u>pm</u>		Date: <u>10/4/07</u>	Time: <u>840</u>									
Shipping carrier:		# of coolers:		BRL Tracking #:												



TRACE METALS ANALYSIS & PRODUCTS

Chain Of Custody Record

Page 2 of 2
White: LAB COPY
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Client: <u>ENTRIX</u>		COC receipt confirmation? (Y / N)		Ship to: Brooks Rand LLC																															
Contact: <u>CORAUE DAYDE</u>		If yes, by Fax / Email (circle one)		3958 6 th Avenue NW																															
Address: <u>2300 CLAYTON RD, Ste 200</u>		Fax #:		Seattle, WA 98107																															
<u>CONCORD, CA 94520</u>		Email:		Phone: 206-632-6206																															
Phone #: <u>925-988-1234</u>		Sampler's name: <u>C. DAYDE / J. ALDRIN</u>		Fax: 206-632-6017																															
PO #:		Client project ID: <u>PCWA WQ</u>		Email: <u>samples@brooksrand.com</u>																															
		BRL project ID: <u>ENX002</u>		<u>www.brooksrand.com</u>																															
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) <u>As, Cd, Cr, Pb, Cu, Fe, Ni, Hg</u>	Other (specify)	Other (specify)																		
Sample ID																		1	LCC-1 RM 0.0	10/2/07	10:00	CDJA	H ₂ O	2	Y/N ⁺	X	X	X				X			THg not filtered, other metals field filtered
																		2	FLCC-3	10/2/07	11:20	CDJA	H ₂ O	2	Y/N ⁺	X	X	X				X			
																		3	NFLCC-3	10/2/07	11:10	CDJA	H ₂ O	2	Y/N ⁺	X	X	X				X			
																		4	NFLCC-1 RM 2.5	10/2/07	12:10	CDJA	H ₂ O	2	Y/N ⁺	X	X	X				X			
																		5	NFLCC-2 RM 3.0	10/2/07	12:30	CDJA	H ₂ O	2	Y/N ⁺	X	X	X				X			
																		6	FLCC-1 RM 2.5	10/2/07	13:00	CDJA	H ₂ O	2	Y/N ⁺	X	X	X				X			
																		7	FLCC-2 RM 3.0	10/2/07	13:20	CDJA	H ₂ O	2	Y/N ⁺	X	X	X				X			
																		8																	
																		9																	
																		10																	
Relinquished by: <u>Colleen Aldrin</u>		Date: <u>10/2/07</u>		Time: <u>1730</u>		Received by:		Date:		Time:																									
Relinquished by: <u>J</u>		Date:		Time:		Received at BRL by: <u>Kimberly</u>		Date: <u>10/4/07</u>		Time: <u>840</u>																									
Shipping carrier:		# of coolers:		BRL Tracking #:																															