ANALYTICAL RESOURCES INCORPORATED

INORGANICS ANALYSIS DATA SHEET
TCLP METALS
Page 1 of 1

Sample ID: SP-1
SAMPLE

Lab Sample ID: IM19A
LIMS ID: 05-15095
Matrix: Soil
Data Release Authorized:
Reported: 09/06/05

QC Report No: IM19-Landau Associates, Inc.
Project: Port of Anacortes
529012
Date Sampled: 08/31/05
Date Received: 08/31/05

Prep Meth	Prep Date	Analysis Method	Analysis Date	CAS Number	Analyte	RL	mg/L	Q
1311	09/01/05	6010B	09/02/05	7440-38-2	Arsenic	0.2	0.2	U
1311	09/01/05	6010B	09/02/05	**7440-39-3**	**Barium**	0.02	**0.43**	
1311	09/01/05	6010B	09/02/05	7440-43-9	Cadmium	0.01	0.01	U
1311	09/01/05	6010B	09/02/05	7440-47-3	Chromium	0.02	0.02	U
1311	09/01/05	6010B	09/02/05	7439-92-1	Lead	0.1	0.1	U
1311	09/02/05	7470A	09/06/05	7439-97-6	Mercury	0.0001	0.0001	U
1311	09/01/05	6010B	09/02/05	7782-49-2	Selenium	0.2	0.2	U
1311	09/01/05	6010B	09/02/05	7440-22-4	Silver	0.02	0.02	U

U-Analyte undetected at given RL
RL-Reporting Limit

ANALYTICAL RESOURCES INCORPORATED

INORGANICS ANALYSIS DATA SHEET
TCLP METALS
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Sample ID: SP-1
DUPLICATE

Lab Sample ID: IM19A
LIMS ID: 05-15095
Matrix: Soil
Data Release Authorized:
Reported: 09/06/05

QC Report No: IM19-Landau Associates, Inc.
Project: Port of Anacortes
529012
Date Sampled: 08/31/05
Date Received: 08/31/05

MATRIX DUPLICATE QUALITY CONTROL REPORT

Analyte	Analysis Method	Sample	Duplicate	RPD	Control Limit	Q
Arsenic	6010B	0.2 U	0.2 U	0.0%	+/- 0.2	L
Barium	6010B	0.43	0.43	0.0%	+/- 20%	
Cadmium	6010B	0.01 U	0.01 U	0.0%	+/- 0.01	L
Chromium	6010B	0.02 U	0.02 U	0.0%	+/- 0.02	L
Lead	6010B	0.1 U	0.1 U	0.0%	+/- 0.1	L
Mercury	7470A	0.0001 U	0.0001 U	0.0%	+/- 0.0001	L
Selenium	6010B	0.2 U	0.2 U	0.0%	+/- 0.2	L
Silver	6010B	0.02 U	0.02 U	0.0%	+/- 0.02	L

Reported in mg/L

*-Control Limit Not Met
L-RPD Invalid, Limit = Detection Limit

ANALYTICAL RESOURCES INCORPORATED

INORGANICS ANALYSIS DATA SHEET
TCLP METALS **Sample ID: SP-1**
Page 1 of 1 **MATRIX SPIKE**

Lab Sample ID: IM19A
LIMS ID: 05-15095
Matrix: Soil
Data Release Authorized:
Reported: 09/06/05

QC Report No: IM19-Landau Associates, Inc.
Project: Port of Anacortes
529012
Date Sampled: 08/31/05
Date Received: 08/31/05

MATRIX SPIKE QUALITY CONTROL REPORT

Analyte	Analysis Method	Sample	Spike	Spike Added	% Recovery	Q
Arsenic	6010B	0.2 U	9.9	10.0	99.0%	
Barium	6010B	0.43	9.94	10.0	95.1%	
Cadmium	6010B	0.01 U	2.49	2.50	99.6%	
Chromium	6010B	0.02 U	2.37	2.50	94.8%	
Lead	6010B	0.1 U	9.4	10.0	94.0%	
Mercury	7470A	0.0001 U	0.0012	0.0010	120%	
Selenium	6010B	0.2 U	10.4	10.0	104%	
Silver	6010B	0.02 U	2.33	2.50	93.2%	

Reported in mg/L

N-Control Limit Not Met
H-% Recovery Not Applicable, Sample Concentration Too High
NA-Not Applicable, Analyte Not Spiked

Percent Recovery Limits: 75-125%

ANALYTICAL RESOURCES INCORPORATED

INORGANICS ANALYSIS DATA SHEET
TCLP METALS
Page 1 of 1

Sample ID: SP-2
SAMPLE

Lab Sample ID: IM19B
LIMS ID: 05-15096
Matrix: Soil
Data Release Authorized:
Reported: 09/06/05

QC Report No: IM19-Landau Associates, Inc.
Project: Port of Anacortes
529012
Date Sampled: 08/31/05
Date Received: 08/31/05

Prep Meth	Prep Date	Analysis Method	Analysis Date	CAS Number	Analyte	RL	mg/L	Q
1311	09/01/05	6010B	09/02/05	7440-38-2	Arsenic	0.2	0.2	U
1311	09/01/05	6010B	09/02/05	**7440-39-3**	**Barium**	0.02	**0.27**	
1311	09/01/05	6010B	09/02/05	7440-43-9	Cadmium	0.01	0.01	U
1311	09/01/05	6010B	09/02/05	7440-47-3	Chromium	0.02	0.02	U
1311	09/01/05	6010B	09/02/05	7439-92-1	Lead	0.1	0.1	U
1311	09/02/05	7470A	09/06/05	7439-97-6	Mercury	0.0001	0.0001	U
1311	09/01/05	6010B	09/02/05	7782-49-2	Selenium	0.2	0.2	U
1311	09/01/05	6010B	09/02/05	7440-22-4	Silver	0.02	0.02	U

U-Analyte undetected at given RL
RL-Reporting Limit

ANALYTICAL RESOURCES INCORPORATED

INORGANICS ANALYSIS DATA SHEET
TCLP METALS
Page 1 of 1

Sample ID: SP-3
SAMPLE

Lab Sample ID: IM19C
LIMS ID: 05-15097
Matrix: Soil
Data Release Authorized:
Reported: 09/06/05

QC Report No: IM19-Landau Associates, Inc.
Project: Port of Anacortes
529012
Date Sampled: 08/31/05
Date Received: 08/31/05

Prep Meth	Prep Date	Analysis Method	Analysis Date	CAS Number	Analyte	RL	mg/L	Q
1311	09/01/05	6010B	09/02/05	7440-38-2	Arsenic	0.2	0.2	U
1311	09/01/05	6010B	09/02/05	**7440-39-3**	**Barium**	0.02	**0.24**	
1311	09/01/05	6010B	09/02/05	7440-43-9	Cadmium	0.01	0.01	U
1311	09/01/05	6010B	09/02/05	7440-47-3	Chromium	0.02	0.02	U
1311	09/01/05	6010B	09/02/05	7439-92-1	Lead	0.1	0.1	U
1311	09/02/05	7470A	09/06/05	7439-97-6	Mercury	0.0001	0.0001	U
1311	09/01/05	6010B	09/02/05	7782-49-2	Selenium	0.2	0.2	U
1311	09/01/05	6010B	09/02/05	7440-22-4	Silver	0.02	0.02	U

U-Analyte undetected at given RL
RL-Reporting Limit

ANALYTICAL RESOURCES INCORPORATED

INORGANICS ANALYSIS DATA SHEET
TCLP METALS

Sample ID: SP-4
SAMPLE

Lab Sample ID: IM19D
LIMS ID: 05-15098
Matrix: Soil
Data Release Authorized:
Reported: 09/06/05

QC Report No: IM19-Landau Associates, Inc.
Project: Port of Anacortes
529012
Date Sampled: 08/31/05
Date Received: 08/31/05

Prep Meth	Prep Date	Analysis Method	Analysis Date	CAS Number	Analyte	RL	mg/L	Q
1311	09/01/05	6010B	09/02/05	7440-38-2	Arsenic	0.2	0.2	U
1311	09/01/05	6010B	09/02/05	**7440-39-3**	**Barium**	0.02	**0.23**	
1311	09/01/05	6010B	09/02/05	7440-43-9	Cadmium	0.01	0.01	U
1311	09/01/05	6010B	09/02/05	7440-47-3	Chromium	0.02	0.02	U
1311	09/01/05	6010B	09/02/05	7439-92-1	Lead	0.1	0.1	U
1311	09/02/05	7470A	09/06/05	7439-97-6	Mercury	0.0001	0.0001	U
1311	09/01/05	6010B	09/02/05	7782-49-2	Selenium	0.2	0.2	U
1311	09/01/05	6010B	09/02/05	7440-22-4	Silver	0.02	0.02	U

U-Analyte undetected at given RL
RL-Reporting Limit

ANALYTICAL RESOURCES INCORPORATED

INORGANICS ANALYSIS DATA SHEET
TCLP METALS

Sample ID: METHOD BLANK

Lab Sample ID: IM19MB
LIMS ID: 05-15095
Matrix: Soil
Data Release Authorized:
Reported: 09/06/05

QC Report No: IM19-Landau Associates, Inc.
Project: Port of Anacortes
529012
Date Sampled: NA
Date Received: NA

Prep Meth	Prep Date	Analysis Method	Analysis Date	CAS Number	Analyte	RL	mg/L	Q
1311	09/01/05	6010B	09/02/05	7440-38-2	Arsenic	0.2	0.2	U
1311	09/01/05	6010B	09/02/05	7440-39-3	Barium	0.02	0.02	U
1311	09/01/05	6010B	09/02/05	7440-43-9	Cadmium	0.01	0.01	U
1311	09/01/05	6010B	09/02/05	7440-47-3	Chromium	0.02	0.02	U
1311	09/01/05	6010B	09/02/05	7439-92-1	Lead	0.1	0.1	U
1311	09/02/05	7470A	09/06/05	7439-97-6	Mercury	0.0001	0.0001	U
1311	09/01/05	6010B	09/02/05	7782-49-2	Selenium	0.2	0.2	U
1311	09/01/05	6010B	09/02/05	7440-22-4	Silver	0.02	0.02	U

U-Analyte undetected at given RL
RL-Reporting Limit