



Lined Pond on Backbone rd., east Bella Vista

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voice 530.243.7234 2218 Railroad Avenue
fax 530.243.7494 Redding, California 96001

Report To: WIGINGTON, DANE
P.O. BOX 9
BELLA VISTA, CA 96008

Attention: DANE WIGINGTON
Project: GENERAL TESTING

Description: POND SEDIMENT

Matrix: Sludge

Lab ID: 7050069-01

Lab No: 7050069
Reported: 05/14/07
Phone: [REDACTED]
P.O. #

Sampled: 04/29/07 15:00

Received: 05/02/07 08:34

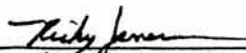
Metals - Total

Analyte	Units	Results	Qualifier	MDL	RL	Method	Analyzed	Prepared	Batch
Aluminum	ug/l	375000		300	1000	EIA 6010B	05/09/07	05/05/07	B7E0127
Barium	"	3090		10	50	"	"	"	"
Strontium	"	345		10	50	"	"	"	"

Notes and Definitions

- DET Analyte DETECTED
- ND Analyte NOT DETECTED at or above the detection limit
- NR Not Reported
- dry Sample results reported on a dry weight basis
- RPD Relative Percent Difference
- < Less than reporting limit
- ≤ Less than or equal to reporting limit
- > Greater than reporting limit
- ≥ Greater than or equal to reporting limit
- MDL Method Detection Limit
- RL/ML Minimum Level of Quantitation
- MCL/AL Maximum Contaminant Level/Action Level
- mg/kg Results reported as wet weight
- TTLIC Total Threshold Limit Concentration
- STLC Soluble Threshold Limit Concentration
- TCLP Toxicity Characteristic Leachate Procedure

Very high quantities
of all metals tested.
Sources of all water
in pond were rain, and
a well that tested "0"
for Aluminum,
(see 'wellhead' test sheet
#8


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California D.O.H.S. Cert #1677



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Rain water test east side of Lake Shasta

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Report To: WIGINGTON, DANE
P.O. BOX 9
BELLA VISTA, CA 96008

Attention: DANE WIGINGTON
Project: GENERAL TESTING

Description: RAINWATER
Matrix: Water

Lab ID: 7050203-01

Lab No: 7050203
Reported: 05/16/07
Phone: [REDACTED]
P.O. #

Sampled: 05/04/07 07:00
Received: 05/04/07 09:44

Metals - Total

Analyte	Units	Results	Qualifier	MDL	RL	Method	Analyzed	Prepared	Batch
Aluminum	ug/l	33.2		0.1	10.0	EPA 200.8	05/09/07	05/08/07	B7E0157
Barium	"	3.9		0.1	0.5	"	"	"	"

Notes and Definitions

- J Detected but below the Reporting Limit; therefore, result is an estimated concentration (CLP J-Flag). The J flag is equivalent to the DNQ Estimated Concentration flag.
- DET Analyte DETECTED
- ND Analyte NOT DETECTED at or above the detection limit
- NR Not Reported
- dry Sample results reported on a dry weight basis
- RPD Relative Percent Difference
- < Less than reporting limit
- ≤ Less than or equal to reporting limit
- > Greater than reporting limit
- ≥ Greater than or equal to reporting limit
- MDL Method Detection Limit
- RL/ML Minimum Level of Quantitation
- MCL/AL Maximum Contaminant Level/Action Level
- mg/kg Results reported as wet weight
- TTL Concentration
- STL Soluble Threshold Limit Concentration
- TCLP Toxicity Characteristic Leachate Procedure

Rain water collected from a single day of rain. Test taken in open field with clean plastic containers.



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(6)

Air ^(outdoor) test taken from west Redding home

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Report To: WIGINGTON, DANE
P.O. BOX 9
BELLA VISTA, CA 96008
Attention: DANE WIGINGTON
Project: GENERAL TESTING

Lab No: 7050075
Reported: 05/16/07
Phone: [REDACTED]
P.O. #

Description: AIR FILTER WIPE Lab ID: 7050075-01
Matrix: Wipe

Sampled: 05/02/07 09:00
Received: 05/02/07 10:31

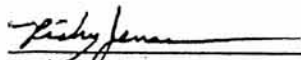
Metals - TTLC

Analyte	Units	Results	Qualifier	MDL	RL	Method	Analyzed	Prepared	Batch
Aluminum	mg/kg	1010		25.0	125	EPA 6010B	05/08/07	05/04/07	B7E0010
Barium	"	25.0		1.0	5.0	"	"	"	"

Notes and Definitions

- QM-4X The spike recovery was outside of QC acceptance limits for the MS and/or MSD due to the analyte concentration being greater than 4 times the spike concentration. The QC batch was accepted based on LCS and/or LCSD recoveries within the acceptance limits.
- DET Analyte DETECTED
- ND Analyte NOT DETECTED at or above the detection limit
- NR Not Reported
- dry Sample results reported on a dry weight basis
- RPD Relative Percent Difference
- < Less than reporting limit
- ≤ Less than or equal to reporting limit
- > Greater than reporting limit
- ≥ Greater than or equal to reporting limit
- MDL Method Detection Limit
- RL/ML Minimum Level of Quantitation
- MCL/AL Maximum Contaminant Level/Action Level
- mg/kg Results reported as wet weight
- TTLC Total Threshold Limit Concentration
- STLC Soluble Threshold Limit Concentration
- TCLP Toxicity Characteristic Leachate Procedure

Two days accumulation on air filter placed outside in Redding neighborhood.


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Tests taken off 'old 44', West Bella Vista



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Report To: WIGINGTON, DANE
P.O. BOX 9
BELLA VISTA, CA 96008
Attention: DANE WIGINGTON
Project: GENERAL TESTING

Lab No: 7050812
Reported: 06/07/07
Phone: [REDACTED]
P.O. #


Metals - TTLC

Analyte	Units	Results	Qualifier	MDL	RL	Method	Analyzed	Prepared	Batch
UNLINED POND Solid (7050812-01) Sampled:05/22/07 10:50 Received:05/22/07 13:18									
Aluminum	mg/kg	1260	QM-4X	10.0	50.0	EPA 6010B	06/05/07	06/04/07	B7E0739
Barium	"	23.8	QM-4X	0.4	2.0	"	"	"	"
LINED POND Solid (7050812-02) Sampled:05/22/07 10:50 Received:05/22/07 13:18									
Aluminum	mg/kg	9200	QM-4X	10.0	50.0	EPA 6010B	06/05/07	06/04/07	B7E0739
Barium	"	74.6	QM-4X	0.4	2.0	"	"	"	"

Notes and Definitions

- QM-4X The spike recovery was outside of QC acceptance limits for the MS and/or MSD due to the analyte concentration being greater than 4 times the spike concentration. The QC batch was accepted based on LCS and/or LCSD recoveries within the acceptance limits.
- DET Analyte DETECTED
- ND Analyte NOT DETECTED at or above the detection limit
- NR Not Reported
- dry Sample results reported on a dry weight basis
- RPD Relative Percent Difference
- < Less than reporting limit
- ≤ Less than or equal to reporting limit
- > Greater than reporting limit
- ≥ Greater than or equal to reporting limit
- MDL Method Detection Limit
- RL/ML Minimum Level of Quantitation
- MCL/AL Maximum Contaminant Level/Action Level
- mg/kg Results reported as wet weight
- TTLC Total Threshold Limit Concentration
- STLC Soluble Threshold Limit Concentration
- TCLP Toxicity Characteristic Leachate Procedure

These samples were pulled by lab tech. Ponds received water from only two sources, rain, and Bella Vista water. Quantities of Aluminum & Barium were sky high.


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Tests taken on Backbone rd., East Bella Vista

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Report To: WIGINGTON, DANE
P.O. BOX 9
BELLA VISTA, CA 96008
Attention: DANE WIGINGTON
Project: GENERAL TESTING

Lab No: 7050964
Reported: 06/20/07
Phone: [REDACTED]
P.O. #

Metals - Total

Analyte	Units	Results	Qualifier	MDL	RL	Method	Analyzed	Prepared	Batch
WELLHEAD Water (7050964-01) Sampled:05/28/07 13:00 Received:05/29/07 08:56									
Aluminum	ug/l	ND		30	100	EPA 6010B	06/18/07	06/12/07	B7F0257
POND SURFACE Water (7050964-02) Sampled:05/28/07 13:00 Received:05/29/07 08:56									
Aluminum	ug/l	3710		30	100	EPA 6010B	06/18/07	06/12/07	B7F0257

Notes and Definitions

- J Detected but below the Reporting Limit; therefore, result is an estimated concentration (CLP J-Flag). The J flag is equivalent to the DNQ Estimated Concentration flag.
- DET Analyte DETECTED
- ND Analyte NOT DETECTED at or above the detection limit
- NR Not Reported
- dry Sample results reported on a dry weight basis
- RPD Relative Percent Difference
- < Less than reporting limit
- ≤ Less than or equal to reporting limit
- > Greater than reporting limit
- ≥ Greater than or equal to reporting limit
- MDL Method Detection Limit
- RL/ML Minimum Level of Quantitation
- MCL/AL Maximum Contaminant Level/Action Level
- mg/kg Results reported as wet weight
- TTLIC Total Threshold Limit Concentration
- STLC Soluble Threshold Limit Concentration
- TCLP Toxicity Characteristic Leachate Procedure

Aluminum test for well used to keep pond filled. None detected.

Film floating on pond surface, positive for Aluminum.
3710 ug/l



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Report To: WIGINGTON, DANE
P.O. BOX 9
BELLA VISTA, CA 96008

Attention: DANE WIGINGTON
Project: GENERAL TESTING

Description: SNOW MELT
Matrix: Water

Lab ID: 8020001-01

Lab No: 8020001
Reported: 02/19/08
Phone: [REDACTED]
P.O. #
Sampled: 01/31/08 10:00
Received: 02/01/08 09:02


Metals - Total

Analyte	Units	Results	Qualifier	MDL	RL	Method	Analyzed	Prepared	Batch
Aluminum	ug/l	368		30	100	EPA 6010B	02/15/08	02/04/08	B880084
Barium	"	6		1	5	"	"	"	"
Strontium	"	3	J	1	5	"	"	"	"

Notes and Definitions

- QR-04 Duplicate results are within one reporting limit and pass all necessary QC criteria.
- J Detected but below the Reporting Limit; therefore, result is an estimated concentration (CLP J-Flag). The J flag is equivalent to the DNQ Estimated Concentration flag.
- DET Analyte DETECTED
- ND Analyte NOT DETECTED at or above the detection limit
- NR Not Reported
- dry Sample results reported on a dry weight basis
- RPD Relative Percent Difference
- < Less than reporting limit
- ≤ Less than or equal to reporting limit
- > Greater than reporting limit
- ≥ Greater than or equal to reporting limit
- MDL Method Detection Limit
- RL/ML Minimum Level of Quantitation
- MCL/AL Maximum Contaminant Level/Action Level
- mg/kg Results reported as wet weight
- TTLCL Total Threshold Limit Concentration
- STLCL Soluble Threshold Limit Concentration
- TCLP Toxicity Characteristic Leachate Procedure

E.P.A.
 11 Maximum Contaminant Level²
 is 1000 ug/l
 This single snow melt sample
 is over 1/3 of the E.P.A. Limit,
 Also of concern, Barium & Strontium


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Report To: WIGINGTON, DANE
P.O. BOX 9
BELLA VISTA, CA 96008

Attention: DANE WIGINGTON
Project: GENERAL TESTING

Description: EAST SIDE LAKE SHASTA

Matrix: Storm Water (Rain)

Lab ID: 8020876-01

Lab No: 8020876
Reported: 03/18/08
Phone: [REDACTED]
P.O. #

Sampled: 02/23/08 08:00

Received: 02/29/08 11:25

Metals - Total

Analyte	Units	Results	Qualifier	MDL	RL	Method	Analyzed	Prepared	Batch
Aluminum	ug/l	262		30	100	EPA 6010B	03/07/08	03/05/08	B8B0663

Notes and Definitions

- DET Analyte DETECTED
- ND Analyte NOT DETECTED at or above the detection limit
- NR Not Reported
- dry Sample results reported on a dry weight basis
- RPD Relative Percent Difference
- < Less than reporting limit
- ≤ Less than or equal to reporting limit
- > Greater than reporting limit
- ≥ Greater than or equal to reporting limit
- MDL Method Detection Limit
- RL/ML Minimum Level of Quantitation
- MCL/AL Maximum Contaminant Level/Action Level
- mg/kg Results reported as wet weight
- TTLIC Total Threshold Limit Concentration
- STLC Soluble Threshold Limit Concentration
- TCLP Toxicity Characteristic Leachate Procedure

Ricky Jam
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Report To: WIGINGTON, DANE
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BELLA VISTA, CA 96008

Attention: DANE WIGINGTON
Project: GENERAL TESTING

Description: EAST SIDE LAKE SHASTA

Matrix: Storm Water (Rain)

Lab ID: 8040804-01

Lab No: 8040804
Reported: 05/23/08
Phone: [REDACTED]
P.O. #

Sampled: 04/21/08 08:00

Received: 04/25/08 14:37

Metals - Total

<u>Analyte</u>	<u>Units</u>	<u>Results</u>	<u>Qualifier</u>	<u>MDL</u>	<u>RL</u>	<u>Method</u>	<u>Analyzed</u>	<u>Prepared</u>	<u>Batch</u>
Aluminum	ug/l	650		30	100	EPA 6010B	05/01/08	04/29/08	B8D0753
Barium	"	10		1	5	"	"	"	"


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Report To: WIGINGTON, DANE
P.O. BOX 9
BELLA VISTA, CA 96008
Attention: DANE WIGINGTON
Project: GENERAL TESTING RAIN SAMPLE
Description: EAST BELLA VISTA
Matrix: ~~Water~~ (Rain)

Lab ID: 8050924-01

Lab No: 8050924
Reported: 06/09/08
Phone: [REDACTED]
P.O. #

Sampled: 05/22/08 08:00
Received: 05/27/08 16:12

Metals - Total

Analyte	Units	Results	Qualifier	MDL	RL	Method	Analyzed	Prepared	Batch
Aluminum	ug/l	188		30	100	EPA 6010B	06/05/08	06/02/08	B8F0012
Barium	"	7		1	5	"	"	"	"
Manganese	"	55		1	5	"	"	"	"

Notes and Definitions

- J Detected but below the Reporting Limit; therefore, result is an estimated concentration (CLP J-Flag). The J flag is equivalent to the DNQ Estimated Concentration flag.
- DET Analyte DETECTED
- ND Analyte NOT DETECTED at or above the detection limit
- NR Not Reported
- dry Sample results reported on a dry weight basis
- RPD Relative Percent Difference
- < Less than reporting limit
- ≤ Less than or equal to reporting limit
- > Greater than reporting limit
- ≥ Greater than or equal to reporting limit
- MDL Method Detection Limit
- RL/ML Minimum Level of Quantitation
- MCL/AL Maximum Contaminant Level/Action Level
- mg/kg Results reported as wet weight
- TTL Concentration
- STLC Soluble Threshold Limit Concentration
- TCLP Toxicity Characteristic Leachate Procedure

Kathy Jensen
Approved By

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Report To: WIGINGTON, DANE
P.O. BOX 9
BELLA VISTA, CA 96008

Attention: DANE WIGINGTON
Project: GENERAL TESTING

Description: EAST SIDE LAKE SHASTA

Matrix: ~~Water~~ Rain

Lab ID: 8051014-01

Lab No: 8051014
Reported: 06/11/08
Phone: [REDACTED]
P.O. #

Sampled: 05/25/08 08:00

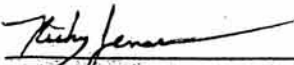
Received: 05/30/08 09:40

Metals - Total

Analyte	Units	Results	Qualifier	MDL	RL	Method	Analyzed	Prepared	Batch
Aluminum	ug/l	525		30	100	EPA 6010B	06/05/08	06/02/08	B8F0012

Notes and Definitions

- J Detected but below the Reporting Limit; therefore, result is an estimated concentration (CLP J-Flag). The J flag is equivalent to the DNQ Estimated Concentration flag.
- DET Analyte DETECTED
- ND Analyte NOT DETECTED at or above the detection limit
- NR Not Reported
- dry Sample results reported on a dry weight basis
- RPD Relative Percent Difference
- < Less than reporting limit
- ≤ Less than or equal to reporting limit
- > Greater than reporting limit
- ≥ Greater than or equal to reporting limit
- MDL Method Detection Limit
- RL/ML Minimum Level of Quantitation
- MCL/AL Maximum Contaminant Level/Action Level
- mg/kg Results reported as wet weight
- TTLIC Total Threshold Limit Concentration
- STLC Soluble Threshold Limit Concentration
- TCLP Toxicity Characteristic Leachate Procedure


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Report To: WIGINGTON, DANE
P.O. BOX 9
BELLA VISTA, CA 96008

Lab No: 8051013
Reported: 06/10/08
Phone: [REDACTED]
P.O. #

Attention: DANE WIGINGTON
Project: GENERAL TESTING

Description: EAST SIDE LAKE SHASTA Lab ID: 8051013-01

Sampled: 05/29/08 08:00

Received: 05/30/08 09:38

Matrix: Water (Rain)

Metals - Total

Analyte	Units	Results	Qualifier	MDL	RL	Method	Analyzed	Prepared	Batch
Aluminum	ug/l	881		30	100	EPA 6010B	06/05/08	06/02/08	88F0012
Boron	"	6	J	5	25	"	"	"	"

Notes and Definitions

- J Detected but below the Reporting Limit; therefore, result is an estimated concentration (CLP J-Flag). The J flag is equivalent to the DNQ Estimated Concentration flag.
- DET Analyte DETECTED
- ND Analyte NOT DETECTED at or above the detection limit
- NR Not Reported
- dry Sample results reported on a dry weight basis
- RPD Relative Percent Difference
- < Less than reporting limit
- ≤ Less than or equal to reporting limit
- > Greater than reporting limit
- ≥ Greater than or equal to reporting limit
- MDL Method Detection Limit
- RL/ML Minimum Level of Quantitation
- MCL/AL Maximum Contaminant Level/Action Level
- mg/kg Results reported as wet weight
- TTL Concentration Total Threshold Limit Concentration
- STL Concentration Soluble Threshold Limit Concentration
- TCLP Toxicity Characteristic Leachate Procedure


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Report To: WIGINGTON, DANE
P.O. BOX 9
BELLA VISTA, CA 96008

Attention: DANE WIGINGTON
Project: GENERAL TESTING EAST SHASTA LAKE

Description: BELLA VISTA LAKE SHASTA Lab ID: 8100339-01

Matrix: Water (Rain)

Lab No: 8100339
Reported: 10/22/08
Phone: [REDACTED]
P.O. #

Sampled: 10/04/08 08:00

Received: 10/08/08 15:08

Metals - Total

Analyte	Units	Results	Qualifier	MDL	RL	Method	Analyzed	Prepared	Batch
Aluminum	ug/l	84	J	30	100	EPA 6010B	10/14/08	10/09/08	B8J0258

Notes and Definitions

- J Detected but below the Reporting Limit; therefore, result is an estimated concentration (CLP J-Flag). The J flag is equivalent to the DNQ Estimated Concentration flag.
- DET Analyte DETECTED
- ND Analyte NOT DETECTED at or above the detection limit
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- dry Sample results reported on a dry weight basis
- RPD Relative Percent Difference
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- ≥ Greater than or equal to reporting limit
- MDL Method Detection Limit
- RL/ML Minimum Level of Quantitation
- MCL/AL Maximum Contaminant Level/Action Level
- mg/kg Results reported as wet weight
- TTLC Total Threshold Limit Concentration
- STLC Soluble Threshold Limit Concentration
- TCLP Toxicity Characteristic Leachate Procedure

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Report To: WIGINGTON, DANE
P.O. BOX 9
BELLA VISTA, CA 96008
Attention: DANE WIGINGTON
Project: GENERAL TESTING

Lab No: 8110517
Reported: 11/24/08
Phone: [REDACTED]
P.O. #

Metals - Total

Rain

Analyte	Units	Results	Qualifier	MDL	RL	Method	Analyzed	Prepared	Batch
EASTSIDE LAKE SHASTA Water	(8110517-01)	Sampled:11/01/08 08:00		Received:11/13/08 10:24					
Aluminum	ug/l	815		30	100	EPA 6010B	11/20/08	11/17/08	B8K0386
EASTSIDE LAKE SHASTA Water	(8110517-02)	Sampled:11/11/08 08:00		Received:11/13/08 10:24					
Aluminum	ug/l	3450		30	100	EPA 6010B	11/20/08	11/17/08	B8K0386

Rain

Notes and Definitions

- DET Analyte DETECTED
- ND Analyte NOT DETECTED at or above the detection limit
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- > Greater than reporting limit
- ≥ Greater than or equal to reporting limit
- MDL Method Detection Limit
- RL/ML Minimum Level of Quantitation
- MCL/AL Maximum Contaminant Level/Action Level
- mg/kg Results reported as wet weight
- TTLIC Total Threshold Limit Concentration
- STLC Soluble Threshold Limit Concentration
- TCLP Toxicity Characteristic Leachate Procedure

This is the highest quantity yet detected. This storm was also an extreme lightning event.
More metal = more atmospheric conductivity = more lightning.
Period

Thibby Jensen
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Rain water sample east side of
Lake Shasta

Report To: WIGINGTON, DANE
P.O. BOX 9
BELLA VISTA, CA 96008
Attention: DANE WIGINGTON
Project: GENERAL TESTING
Description: RAIN SAMPLE SHASTA CO
Matrix: Water

Lab ID: 8040134-01

Lab No: 8040134
Reported: 04/09/08
Phone: [REDACTED]
P.O. # [REDACTED]
Sampled: 03/18/08 08:00
Received: 04/03/08 08:44

Metals - Total

Analyte	Units	Results	Qualifier	MDL	RL	Method	Analyzed	Prepared	Batch
Aluminum	ug/l	2190		30	100	EPA 6010B	04/08/08	04/03/08	B8D0090
Barium	"	43		1	5	"	"	"	"

Notes and Definitions

- J Detected but below the Reporting Limit; therefore, result is an estimated concentration (CLP J-Flag). The J flag is equivalent to the DNQ Estimated Concentration flag.
- DET Analyte DETECTED
- ND Analyte NOT DETECTED at or above the detection limit
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- RL/ML Minimum Level of Quantitation
- MCL/AL Maximum Contaminant Level/Action Level
- mg/kg Results reported as wet weight
- TTLC Total Threshold Limit Concentration
- STLC Soluble Threshold Limit Concentration
- TCLP Toxicity Characteristic Leachate Procedure

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Report To: WIGINGTON, DANE
P.O. BOX 9
BELLA VISTA, CA 96008
Attention: DANE WIGINGTON
Project: GENERAL TESTING

Lab No: 7070596
Reported: 07/27/07
Phone: [REDACTED]
P.O. #

Metals - Total

Analyte	Units	Results	Qualifier	MDL	RL	Method	Analyzed	Prepared	Batch
LOWER SUGAR PINE CANYON Sludge (7070596-01) Sampled:07/16/07 10:00 Received:07/17/07 14:13									
Aluminum	ug/l	464000		750	2500	EPA 6010B	07/23/07	07/20/07	B7G0318
Barium	"	40200		25	125	"	07/23/07	"	"
UPPER SUGAR PINE CANYON Water (7070596-02) Sampled:07/16/07 10:00 Received:07/17/07 14:13									
Aluminum	ug/l	4610000		750	2500	EPA 6010B	07/23/07	07/20/07	B7G0318
Barium	"	53300		25	125	"	07/23/07	"	"

Notes and Definitions

- DET Analyte DETECTED
- ND Analyte NOT DETECTED at or above the detection limit
- NR Not Reported
- dry Sample results reported on a dry weight basis
- RPD Relative Percent Difference
- < Less than reporting limit
- ≤ Less than or equal to reporting limit
- > Greater than reporting limit
- ≥ Greater than or equal to reporting limit
- MDL Method Detection Limit
- RL/ML Minimum Level of Quantitation
- MCL/AL Maximum Contaminant Level/Action Level
- mg/kg Results reported as wet weight
- TTLC Total Threshold Limit Concentration
- STLC Soluble Threshold Limit Concentration
- TCLP Toxicity Characteristic Leachate Procedure

*Taken from
Canyon bottom, Pit
River Arm of
Lake Shasta*

Reidy Jones

Approved By
Basic Laboratory, Inc.
California D.O.H.S. Cert #1677



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laboratory

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voice 530.243.7234 2218 Railroad Avenue
fax 530.243.7494 Redding, California 96001

Report To: WIGINGTON, DANE
P.O. BOX 9
BELLA VISTA, CA 96008
Attention: DANE WIGINGTON
Project: GENERAL TESTING

Lab No: 7070311
Reported: 07/23/07
Phone: [REDACTED]
P.O. #

Metals - TTLC

Analyte	Units	Results	Qualifier	MDL	RL	Method	Analyzed	Prepared	Batch
REEDSPORT, OR Soil (7070311-01) Sampled:07/04/07 13:00 Received:07/09/07 14:35									
Aluminum	mg/kg	19100	QM-4X	10.0	50.0	EPA 6010B	07/10/07	07/09/07	B7G0177
LINCOLN CITY, OR Soil (7070311-02) Sampled:07/04/07 16:00 Received:07/09/07 14:35									
Aluminum	mg/kg	14700	QM-4X	10.0	50.0	EPA 6010B	07/10/07	07/09/07	B7G0177
POWERS, OR Soil (7070311-03) Sampled:07/05/07 13:00 Received:07/09/07 14:35									
Aluminum	mg/kg	18600	QM-4X	10.0	50.0	EPA 6010B	07/10/07	07/09/07	B7G0177
AGNESS, OR Soil (7070311-04) Sampled:07/06/07 14:00 Received:07/09/07 14:35									
Aluminum	mg/kg	20200	QM-4X	10.0	50.0	EPA 6010B	07/10/07	07/09/07	B7G0177
BROOKINGS, OR Soil (7070311-05) Sampled:07/08/07 16:00 Received:07/09/07 14:35									
Aluminum	mg/kg	38000	QM-4X	10.0	50.0	EPA 6010B	07/10/07	07/09/07	B7G0177

Notes and Definitions

- QM-4X The spike recovery was outside of QC acceptance limits for the MS and/or MSD due to the analyte concentration being greater than 4 times the spike concentration. The QC batch was accepted based on LCS and/or LCSD recoveries within the acceptance limits.
- DET Analyte DETECTED
- ND Analyte NOT DETECTED at or above the detection limit
- NR Not Reported
- dry Sample results reported on a dry weight basis
- RPD Relative Percent Difference
- < Less than reporting limit
- ≤ Less than or equal to reporting limit
- > Greater than reporting limit
- ≥ Greater than or equal to reporting limit
- MDL Method Detection Limit
- RL/ML Minimum Level of Quantitation
- MCL/AL Maximum Contaminant Level/Action Level
- mg/kg Results reported as wet weight
- TTLC Total Threshold Limit Concentration
- STLC Soluble Threshold Limit Concentration
- TCLP Toxicity Characteristic Leachate Procedure

Samples taken along Oregon coast. Locations were dried up puddle basins where particulates would be expected to concentrate. Still, these readings are tens of thousands of times the maximum limit for water.

[Signature]

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fax 530.243.7494 Redding, California 96001

Report To: MANGELS, FRANCIS
[Redacted]
MT SHASTA, CA 96067

Lab No: 8080219
Reported: 08/19/08
Phone: [Redacted]
P.O. # [Redacted]

Attention: FRANCIS MANGELS
Project: GENERAL TESTING

Metals - TTLC

(Near playground Sisson Elementary 300' away)

Analyte	Units	Results	Qualifier	MDL	RL	Method	Analyzed	Prepared	Batch
SISSON FIELD Solid (8080219-01) Sampled:08/03/08 15:00 Received:08/05/08 16:18									
Aluminum	mg/kg	10500		10.0	50.0	EPA 6010B	08/13/08	08/11/08	B8H0219
Barium	"	81.4		0.4	2.0	"	"	"	"
SISSON POND Sludge (8080219-02) Sampled:08/03/08 15:00 Received:08/05/08 16:18									
Aluminum	mg/kg	12000		10.0	50.0	EPA 6010B	08/13/08	08/11/08	B8H0219

Pond 3yrs old

Notes and Definitions

- DET Analyte DETECTED
- ND Analyte NOT DETECTED at or above the detection limit
- NR Not Reported
- dry Sample results reported on a dry weight basis
- RPD Relative Percent Difference
- < Less than reporting limit
- ≤ Less than or equal to reporting limit
- > Greater than reporting limit
- ≥ Greater than or equal to reporting limit
- MDL Method Detection Limit
- RL/ML Minimum Level of Quantitation
- MCL/AL Maximum Contaminant Level/Action Level
- mg/kg Results reported as wet weight
- TTLC Total Threshold Limit Concentration
- STLC Soluble Threshold Limit Concentration
- TCLP Toxicity Characteristic Leachate Procedure

*aluminum in soil
email
robert.bailey@ca.usda.gov*

[Signature]
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California D.O.H.S. Cert #1677



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laboratory

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voice 530.243.7234 2218 Railroad Avenue
fax 530.243.7494 Redding, California 96001

Report To: MANGELS, FRANCIS
[REDACTED]
MT SHASTA, CA 96067

Attention: FRANCIS MANGELS

Project: GENERAL TESTING

Description: UNDER HOUSE - *by vent reached room* Lab ID: 8080651-01

Matrix: Soil

Lab No: 8080651
Reported: 08/26/08
Phone: [REDACTED]
P.O. #

Sampled: 08/17/08 14:00

Received: 08/18/08 14:06

Metals - TTLC

Analyte	Units	Results	Qualifier	MDL	RL	Method	Analyzed	Prepared	Batch
Aluminum	mg/kg	13600		10.0	50.0	EPA 6010B	08/20/08	08/18/08	B8H0406

Notes and Definitions

DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the detection limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
<	Less than reporting limit
≤	Less than or equal to reporting limit
>	Greater than reporting limit
≥	Greater than or equal to reporting limit
MDL	Method Detection Limit
RL/ML	Minimum Level of Quantitation
MCL/AL	Maximum Contaminant Level/Action Level
mg/kg	Results reported as wet weight
TTLC	Total Threshold Limit Concentration
STLC	Soluble Threshold Limit Concentration
TCLP	Toxicity Characteristic Leachate Procedure

Ricky Jensen
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Basic Laboratory, Inc.
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