Lined pond on Backbone Nd., east Bella Vista

www.basiclab.com voice 530.243.7234

2218 Railroad Avenue

laboratory

fax 530.243.7494

Redding, California 96001

Report To:

WIGINGTON, DANE

P.O. BOX 9

BELLA VISTA, CA 96008

Attention:

DANE WIGINGTON **GENERAL TESTING**

Project:

POND SEDIMENT

Description: Matrix: Sludge Phone:

P.O. #

Lab No:

Reported:

7050069

05/14/07

Sampled: 04/29/07 15:00

Received: 05/02/07 08:34

Metals - Total

<u>Analyte</u>	<u>Units</u>	Results	Qualifier	MDL	RL	<u>Method</u>	Analyzed	Prepared	Batch
Aluminum	ug/l	375000		300	1000	El'A 6010B	05/09/07	05/05/07	B7E0127
Barium	ii ii	3090		10	50				
Strontium	•	345		10	50	11			

Notes and Definitions

Lab ID: 7050069-01

	11010.	Julia Delillia deli
DET	Analyte DETECTED	
ND	Analyte NOT DETECTED at or above the detection limit	
NR	Not Reported	11 1 1
dry	Sample results reported on a dry weight basis	Very high quantities
RPD	Relative Percent Difference	
<	Less than reporting limit	of all metals tested.
≤	Less than or equal to reporting limit	
>	Greater than reporting limit	Sources of all vater
≥	Greater than or equal to reporting limit	
MDL	Method Detection Limit	in And were Pain and
RL/ML	Minimum Level of Quantitation	
MCL/AL	Maxium Contaminant Level/Action Level	a well that tested "
mg/kg	Results reported as wet weight	or DELL LINET 1.25CB
TTLC	Total Threshold Limit Concentration	C = A/A
STLC	Soluble Threshold Limit Concentration	For Aluminum.
TCLP	Toxicity Characteristic Leachate Procedure	(See wellhand test sheet
-		#8

Approved By



ain water dest east side of Lake Shasta

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fax 530.243.7494

2218 Railroad Avenue Redding, California 96001

Report To:

WIGINGTON, DANE

P.O. BOX 9

BELLA VISTA, CA 96008

Attention:

Matrix:

DANE WIGINGTON

Project: Description: GENERAL TESTING

Water

RAINWATER

Lab ID: 7050203-01

Lab No: Reported:

7050203 05/16/07

Phone:

P.O. #

Sampled: 05/04/07 07:00

Received: 05/04/07 09:44

Metals - Total

<u>Analyte</u>		<u>Units</u>	Results	Qualifier	MDL	<u>RL</u>	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 a	and Definitio	ns					
J	Detected but below the Reporting			timated concentration	n (CLP J-Flag). The J flag	is			
	-demander and purd communica									

DET Analyte DETECTED ND Analyte NOT DETECTED at or above the detection limit

NR Not Reported

Sample results reported on a dry weight basis dry 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 2 Method Detection Limit MDL

RL/ML Minimum Level of Quantitation MCL/AL Maxium Contaminant Level/Action Level Results reported as wet weight mg/kg

TTLC Total Threshold Limit Concentration STLC Soluble Threshold Limit Concentration TCLP Toxicity Characteristic Leachate Procedure Rain water collected

From a single day

of vain. Test taken

in open field with clean plastic container,

Test taken from west Redding home

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Attention:

DANE WIGINGTON

Project:

GENERAL TESTING

Toxicity Characteristic Leachate Procedure

Description: AIR FILTER WIPE

Matrix: Wipe

Lab No:

7050075

Reported: Phone:

05/16/07

P.O. #

Sampled: 05/02/07 09:00

Received: 05/02/07 10:31

Metals - TTLC

<u>Analyte</u>	<u>Units</u>	Results	Qualifier	MDL	RL	Method	Analyzed	Prepared	Batch
Aluminum	mg/kg	1010		25.0	125	EPA 6010B	05/08/07	05/04/07	B7E0010
Zarium		25.0		1.0	F 0				

Lab ID: 7050075-01

	Notes	and Definitions
QM-4X	The spike recovery was outside of QC acceptance limits for the N being greater than 4 times the spike concentration. The QC batc recoveries within the acceptance limits.	(1) 2017의 2019 (1) 10 12 12 12 12 12 12 12 12 12 12 12 12 12
DET	Analyte DETECTED	
ND	Analyte NOT DETECTED at or above the detection limit	
NR	Not Reported	LUD DAVIC
dry	Sample results reported on a dry weight basis	, 20 00193
RPD	Relative Percent Difference	Two days accumulation on
<	Less than reporting limit	
<u> </u>	Less than or equal to reporting limit	air filter placed
>	Greater than reporting limit	riger placed
≥	Greater than or equal to reporting limit	0.1.
MDL	Method Detection Limit	outside in Redding
RL/ML	Minimum Level of Quantitation	1/ /
MCL/AL	Maxium Contaminant Level/Action Level	neighborhood
mg/kg	Results reported as wet weight	,
TTLC	Total Threshold Limit Concentration	
STLC	Soluble Threshold Limit Concentration	

TCLP

Tests taken off old 44 west Bella Vista

Lab No:

Phone:

P.O. #

Reported:

7050812

06/07/07

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2218 Railroad Avenue Redding, California 96001

Report To:

WIGINGTON, DANE

P.O. BOX 9

BELLA VISTA, CA 96008

Attention: Project: DANE WIGINGTON

: GENERAL TESTING

Metals - TTLC

Analyte			Units	Results	Qualif	ier MDL	RL	Method	Analyzed	Prepared	Batch
UNLINED PO	ND So	lid (705081	.2-01) Sa	mpled: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-	2) Samp	led:05/22/07	10:50 Red	eived: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 ar	nd Definitions
QM-4X DET	The spike recovery was outside of QC acceptance limits for the MS a QC batch was accepted based on LCS and/or LCSD recoveries within Analyte DETECTED	and/or MSD due to the analyte concentration being greater than 4 times the spike concentration. The n the acceptance limits.
ND	Analyte NOT DETECTED at or above the detection limit	
NR	Not Reported	
dry	Sample results reported on a dry weight basis	These samples were pulled
RPD	Relative Percent Difference	by lab tech. Ponds recieved water from only two Sources, rain, and Bella
<	Less than reporting limit	by 196 tech. Monds recieved
<u><</u>	Less than or equal to reporting limit	ilator from only the
>	Greater than reporting limit	water crops only a
≥	Greater than or equal to reporting limit	Sources sain and Bella
MDL	Method Detection Limit	
RL/ML	Minimum Level of Quantitation	Vista Water Quantities
MCL/AL	Maxium Contaminant Level/Action Level	
mg/kg	Results reported as wet weight	of Aluminum a Barium
TTLC	Total Threshold Limit Concentration	
STLC	Soluble Threshold Limit Concentration	were sky high.
TCLP	Toxicity Characteristic Leachate Procedure	, 0

Approved By

Tests taken on Backbone rd., Rast Bella Vista

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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:

7050964

Reported:

06/20/07

Phone: P.O. #

Metals - Total

Analyte		Units	Results	Qualifier	MDL	RL	Method	Analyzed	Prepared	Batch
WELLHEAD Wate	(705096	4-01) Sampled	1:05/28/07 13	3:00 Received:	05/29/07	08:56				
Aluminum		ug/l	ND		30	100	EPA 6010B	06/18/07	06/12/07	B7F0257
POND SURFACE V	Vater)(705	0964-02) San	pled:05/28/0	07 13:00 Recei	ved:05/29	/07 08:50	5			
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 2 MDL Method Detection Limit

RL/ML Minimum Level of Quantitation

MCL/AL Maxium 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 test for well used to treet pond Filled. None detected.

Film Floating on

Pond surface, positive

Gor Aluminum.

3710 ug/1





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Results

368

Lab ID: 8020001-01

Qualifier

MDL

30

RL

100

EPA 6010B

Report To:

WIGINGTON, DANE

P.O. BOX 9

BELLA VISTA, CA 96008

Units

ug/l

ALLESS.

Attention:

DANE WIGINGTON

Project:

GENERAL TESTING

Description:

SNOW MELT

Water

Lab No:

8020001 Reported:

02/19/08

Phone:

P.O. #

Sampled: 01/31/08 10:00

02/15/08

02/04/08

B8B0084

Received: 02/01/08 09:02

Analyzed Prepared

Metals - Total

Analyte

Aluminum

Matrix:

Barium Strontium	ug/1 "	3	1	1 1	5	"	02/13/00		"
		Notes a	nd Definition	ons					
QR-04	Duplicate results are within one reporting limit an	d pass all necess	ary QC criteria.						
J DET	Detected but below the Reporting Limit; therefore equivalent to the DNQ Estimated Concentration fl Analyte DETECTED	e, result is an est ag.	imated concentra	tion (CLP J-Fla	ig). The J fla	g is		3	
ND.	Analyte NOT DETECTED at or above the detection	limit						(
NR	Not Reported						1	eve!	
dry	Sample results reported on a dry weight basis				2		at		
RPD	Relative Percent Difference			\cap	Δ.	nin	er		101
<	Less than reporting limit			CT.	11,	fair		CAM	pro X
≤	Less than or equal to reporting limit			~···	C	11		1	Limb .
>	Greater than reporting limit			1 U	· M	.10	nel	P PA	·
≥	Greater than or equal to reporting limit		11: 11	112	^	09	ال ا	61.10	SHO
MDL	Method Detection Limit		/ /v	ia.	1000	. 5na	, he	٨,	_
RL/ML	Minimum Level of Quantitation			: 5	1.52	le.	· 1,	O a Liv.	
MCL/AL	Maxium Contaminant Level/Action Level			()	GNE.	9,0		San	
mg/kg	Results reported as wet weight			1.5	9	1/3	cer1/		
TTLC	Total Threshold Limit Concentration			This	05		, C-		
STLC	Soluble Threshold Limit Concentration			9	OUE	L 20			
TCLP	Toxicity Characteristic Leachate Procedure			A	156	01			ple Limition Strontion

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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:

Lab No: Reported:

8020876 03/18/08

Phone:

P.O. #

Sampled: 02/23/08 08:00

Received: 02/29/08 11:25

Metals - Total

Analyte Units Results Aluminum ug/l

262

Qualifier

100

EPA 6010B

03/07/08

Analyzed Prepared 03/05/08

B8B0663

Notes and Definitions

Lab ID: 8020876-01

DET Analyte DETECTED

ND Analyte NOT DETECTED at or above the detection limit

NR Not Reported

Sample results reported on a dry weight basis dry

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 2

MDL Method Detection Limit

RL/ML Minimum Level of Quantitation

MCL/AL Maxium Contaminant Level/Action Level

Results reported as wet weight mg/kg

TTLC Total Threshold Limit Concentration

STLC Soluble Threshold Limit Concentration

TCLP Toxicity Characteristic Leachate Procedure



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Attention: Project:

Matrix:

DANE WIGINGTON

GENERAL TESTING

Description:

EAST SIDE LAKE SHASTA

Storm Water

Lab ID: 8040804-01

Lab No: Reported:

8040804

Phone:

05/23/08

P.O. #

Sampled: 04/21/08 08:00

Received: 04/25/08 14:37

Metals - Total

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

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Page 2 of 3

No. of St.





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Report To:

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Attention:

DANE WIGINGTON

Project:

Matrix:

GENERAL TESTING RAIN SAMPLE

Description:

EAST BELLA VISTA

Lab ID: 8050924-01

Lab No:

8050924 06/09/08

Reported:

Phone:

P.O. #

Sampled: 05/22/08 08:00

Received: 05/27/08 16:12

Metals - Total

Analyte	<u>Units</u>	Results	Qualifier	MDL	RL	<u>Method</u>		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 DET	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. 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	Maxium 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 GENERAL TESTING

Project: Description:

EAST SIDE LAKE SHASTA

A SIDE LAKE SHA

Water .

Lab No:

8051014

Reported:

06/11/08

Phone:

P.O. #

Sampled: 05/25/08 08:00

Received: 05/30/08 09:40

Metals - Total

Matrix:

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

Lab ID: 8051014-01

×.	Notes and Definitions
J DET	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. 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
<u>></u>	Greater than or equal to reporting limit
MDL	Method Detection Limit
RL/ML	Minimum Level of Quantitation
MCL/AL	Maxium 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

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Attention:

DANE WIGINGTON

Project:

GENERAL TESTING

Description:

EAST SIDE LAKE SHASTA

Lab No:

8051013

Reported:

06/10/08

Phone:

P.O. #

Sampled: 05/29/08 08:00 Received: 05/30/08 09:38

Metals - Total

Matrix:

<u>Analyte</u>	<u>Units</u>	Results	Qualifier	MDL	RL	Method	Analyzed	Prepared	Batch
Aluminum	ug/l	881		30	100	EPA 6010B	06/05/08	06/02/08	B8F0012
Boron		c	•	-	25			00/02/00	501 0012

Lab ID: 8051013-01

	3 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
<u><</u>	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	Maxium 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 EAST SHASTA LAKE

Description:

BELLA VISTA LAKE SHASTA

Lab ID: 8100339-01

Sampled: 10/04/08 08:00

Lab No:

Phone:

P.O. #

Reported:

Received: 10/08/08 15:08

Matrix:

Water

Metals - Total

Analyte

Aluminum

Units ug/l

Results

Qualifier

MDL 30

RL 100 EPA 6010B

Analyzed Prepared 10/14/08

10/09/08

8100339

10/22/08

B8J0258

	Notes and Definitions	
J DET	Detected but below the Reporting Limit; therefore, result is an estimated concentration (CLP J-Flag). The J flaequivalent to the DNQ Estimated Concentration flag. Analyte DETECTED	ag is
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	Maxium 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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was blance to be

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15/11



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Attention:

Metals - Total

STLC

TCLP

DANE WIGINGTON

Project: **GENERAL TESTING**

Dair

Lab No:

8110517

Reported: 11/24/08

Phone:

1	p		r	١		
		٠	•	•	•	п

Analyte	150	Units	Results	Qualifier	MDL	RL	Method	Analyzed	Prepared	Batch
EASTSIDE LAKE SHASTA	Water	(8110517-01)	Sampled:	11/01/08 08:00	Received	:11/13/0	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	:11/13/0	08 10:24			
Aluminum	Rai		3450 Notes	and Definitio	30 ne	100	EPA 6010B	11/20/08	11/17/08	B8K0386
DET Analyte DETECTE		To serve tener a	Notes	and Demindo	113			121		

ion limit

Soluble Threshold Limit Concentration

Toxicity Characteristic Leachate Procedure

This is the highest quantity yet dedected. This Storm Was also an extreme

lightning event.

More metal = More atmospheric

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Moscoull.



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fax 530.243.7494

Rain water sample east side of Lake Shasta 2218 Railroad Avenue Redding, California 96001

Report To:

laboratory

WIGINGTON, DANE

P.O. BOX 9

Water

BELLA VISTA, CA 96008

Attention:

DANE WIGINGTON

Project:

GENERAL TESTING

Description:

RAIN SAMPLE SHASTA CO

Lab ID: 8040134-01

Lab No:

8040134

Reported:

04/09/08

P.O. #

Phone:

Sampled: 03/18/08 08:00

Received: 04/03/08 08:44

Metals - Total

Matrix:

<u>Analyte</u>	<u>Units</u>	Results	Qualifier	MDL	RL	Method	Analyzed	Prepared	Batch
Aluminum	ug/l	2190		30	100	EPA 6010B	04/08/08	04/03/08	B8D0090
Rarium		43		1	5		**	· ·	

	Notes and Definitions
) DET	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. 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
<u>></u>	Greater than or equal to reporting limit
MDL	Method Detection Limit
RL/ML	Minimum Level of Quantitation
MCL/AL	Maxium 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

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BELLA VISTA, CA 96008

Attention:

DANE WIGINGTON

Project: GENERAL TESTING

Metals - Total

Analyte	U	nits	Results	Qualifier	ME	L	RL	Method	Analyzed	Prepared	Batch
OWER SUGAR PINE CANYON	Sludge	(70705	96-01)	Sampled:07/16/0	7 10:00	R	eceived:07	/17/07 14:	13		
Uuminum	ı	ıg/l	4640000		75	0	2500	EPA 6010B	07/23/07	07/20/07	B7G0318
Jarium			40200		25	5	125		07/23/07	•	
JPPER SUGAR PINE CANYON	Water	(707059	6-02) S	ampled:07/16/07	10:00	Re	ceived:07/1	17/07 14:13	3		
lluminum	ι	ıg/l	4610000		75	0	2500	EPA 6010B	07/23/07	07/20/07	B7G0318
larium		н	53300		25	5	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
<u>></u>	Greater than or equal to reporting limit
MDL	Method Detection Limit
RL/ML	Minimum Level of Quantitation
MCL/AL	Maxium 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
Cangon Gottomplit
River Arm of
Lake Shaster

pproved By

lasic Laboratory, Inc. alifornia D.O.H.S. Cert #1677

. Posta

Page 2 of 2

Lab No:

Phone: P.O. #

Reported:

7070596

07/27/07



basic

voice 530.243.7234

fax 530.243.7494

2218 Railroad Avenue Redding, California 96001

Report To:

WIGINGTON, DANE

P.O. BOX 9

BELLA VISTA, CA 96008

Attention:

DANE WIGINGTON

Project:

GENERAL TESTING

Metals - TTLC

Analyte	Units	Results	Qualifier	MDL	RL	Method	Analyzed	Prepared	Batch
REEDSPORT, OR Soil (7070311-0	1) Sample	ed:07/04/07	13:00 Received	1:07/09/07	7 14:35		manyzeu	Trepared	Daten
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) Sam	pled:07/04/0	7 16:00 Receiv	ed:07/09/	07 14:35			3,755,07	5,001,,
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:0	7/05/07 13:0	0 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:0	7/06/07 14:0	0 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 (7070311-0	Sample	ed:07/08/07 1	16:00 Received	1:07/09/07	7 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.
DET	The QC batch was accepted based on LCS and/or LCSD recoveries within the acceptance limits. Analyte DETECTED

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

MDL Method Detection Limit
RL/ML Minimum Level of Quantitation
MCL/AL Maxium Contaminant Level/Action

MCL/AL Maxium 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.

Dregon coast. Dried up

Locations were beene

puddle basins where

purdiculates would be

purdiculates would be

expected to concentrate,

expected to readings are

Still these readings of times

Tens of thousands of white,

the maximum limit for water,

the maximum limit for

Lab No:

Phone:

P.O. #

Reported:

7070311

07/23/07

pproved By

asic Laboratory, Inc.



voice 530.243.7234

fax 530.243.7494

2218 Railroad Avenue Redding, California 96001

Report To:

MANGELS, FRANCIS

Lab No:

8080219

Reported: Phone:

P.O. #

08/19/08

MT SHASTA, CA 96067 Attention:

FRANCIS MANGELS

Project:

GENERAL TESTING

Metals - TTL	.C /	lon. G	land	ground Si	550m	Elem	Austran	300	oway.			
Analyte	C.	Jene P	Unit	s Results	Qua	lifier	MDL	RL	Method	Analyzed	Prepared	Batch
SISSON FIELD	Solid	(8080219-0	1) Sa	mpled:08/03/08	15:00	Received	:08/05/08	16:18				
Aluminum			mg/k	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) 5	Sampled:08/03/0	08 15:00	Receiv	ed:08/05/0	8 16:18			- June State Comment	
Aluminum			mg/k	g 12000	9		10.0	50.0	EPA 6010B	08/13/08	08/11/08	B8H0219

Pond 3 yrs 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	Maxium Contaminant Level/Action Level
mg/kg	Results reported as wet weight
TTLC	Total Threshold Limit Concentration
STLC	Soluble Threshold Limit Concentration

Toxicity Characteristic Leachate Procedure

aluminime in soil email robert. bailey @ca. usda.go

Approved By

TCLP



basic

voice 530.243.7234 fax 530.243.7494

2218 Railroad Avenue Redding, California 96001

Report To:

MANGELS, FRANCIS

Lab No:

8080651

MT SHASTA, CA 96067

Reported: Phone: 08/26/08

Attention:

FRANCIS MANGELS

P.O. #

Project:

Description:

GENERAL TESTING UNDER HOUSE - by vent

Sampled: 08/17/08 14:00

Matrix:

Received: 08/18/08 14:06

Metals - TTLC

STLC

TCLP

Analyte Aluminum		Units mg/kg	Results 13600	Qualifier	MDL 10.0	<u>RL</u> 50.0	Method EPA 6010B	Analyze 08/20/08	<u>Prepared</u> 08/18/08	Batch B8H0406
			Notes a	and Definitio	ns			36		
DET	Analyte DETECTED						*			
ND	Analyte NOT DETECTED at or above the detection limit									
NR	Not Reported				21					
9/3/07	C1	and the second state of the second								

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	Maxium Contaminant Level/Action Level	
mg/kg	Results reported as wet weight	
TTLC	Total Threshold Limit Concentration	

Soluble Threshold Limit Concentration

Toxicity Characteristic Leachate Procedure