



American Environmental Testing Laboratory Inc.

2834 & 2908 North Naomi Street Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181
Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

Ordered By

Rhinotire LLC
39-39 47th Avenue
Sunnyside, CA 11104-

Number of Pages 5
Date Received 03/17/2009
Date Reported 03/26/2009

Telephone: (212)202-1606
Attention: Alexander Dimitrov

Job Number	Order Date	Client
52154	03/17/2009	RHINO

Project ID: POLYMER TESTING

Enclosed please find results of analyses of 1 solid sample which was analyzed as specified on the attached chain of custody. If there are any questions, please do not hesitate to call.

Checked By: _____

Approved By: _____

Cyrus Razmara, Ph.D.
Laboratory Director



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CHAIN OF CUSTODY RECORD

No 65000

Page 1 of 1

AETL JOB No. 52154

COMPANY **Rhinotire LLC** PROJECT MANAGER **Alexander Dimitrov**
 COMPANY ADDRESS **77th Ave Sunnyside NY 11104** PHONE **(212) 202-1606**
 PROJECT NAME _____ FAX **(218) 729-9744**
 PROJECT # _____ PO # _____

SAMPLE ID	LAB ID	DATE	TIME	MATRIX	CONTAINER NUMBER/SIZE	PRES.
1	52154-01	03/11/09		solid	bulk	-
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						

ANALYSIS REQUESTED	TEST INSTRUCTIONS & COMMENTS
X React. CNFS	
X PH	
X Flash point	
X Fish box.	

SAMPLE RECEIPT - TO BE FILLED BY LABORATORY

TOTAL NUMBER OF CONTAINERS: 1 PROPERLY COOLED Y/N/NA
 CUSTODY SEALS Y/N/NA SAMPLES INTACT Y/N/NA
 RECEIVED IN GOOD COND. Y/N SAMPLES ACCEPTED Y/N

TURN AROUND TIME
 RUSH SAME DAY 2 DAYS
 NEXT DAY 3 DAYS

RELINQUISHED BY SAMPLER:	RELINQUISHED BY:	RELINQUISHED BY:
Signature: _____ Printed Name: _____ Date: _____	Signature: _____ Printed Name: _____ Date: _____	Signature: _____ Printed Name: _____ Date: _____
RECEIVED BY: _____	RECEIVED BY: _____	RECEIVED BY: _____

LABORATORY: ASILK
 Signature: _____
 Printed Name: **Levin Clauder**
 Date: **03/17/09** Time: **0930**

DISTRIBUTION: WHITE - Laboratory, CANARY - Laboratory, PINK - Project/Account Manager, YELLOW - Sampler/Originator



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ANALYTICAL RESULTS

Ordered By

Rhinotire LLC
 39-39 47th Avenue
 Sunnyside, CA 11104-

Telephone: (212)202-1606

Attn: Alexander Dimitrov

Page: **2**

Project ID: POLYMER TESTING

AETL Job Number	Submitted	Client
52154	03/17/2009	RHINO

Method: (1010), Pensky-Martens Closed-Cup Method for Ignitability

QC Batch No: 031709

Our Lab I.D.		Method Blank	52154.01			
Client Sample I.D.			Rhi 1			
Date Sampled			03/11/2009			
Date Prepared		03/17/2009	03/17/2009			
Preparation Method		1010	1010			
Date Analyzed		03/17/2009	03/17/2009			
Matrix		Solid	Solid			
Units		Deg F	Deg F			
Dilution Factor		1	1			
Analytes	MDL	PQL	Results	Results		
Flashpoint	70	70	NA	>140		

QC Batch No: 031709; Dup or Spiked Sample: 52154.01; LCS: Blank; LCS Prepared: 03/17/2009; LCS Analyzed: 03/17/2009;
 Units: Deg F

Analytes	SM Result	SM DUP Result	RPD %	SM RPD % Limit	LCS Concen	LCS Recov	LCS % REC	LCS/LCSD % Limit		
Flashpoint	>140	>140	<1	<20	77.0	77.0	100	80-120		



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ANALYTICAL RESULTS

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Page: **3**

Project ID: POLYMER TESTING

AETL Job Number	Submitted	Client
52154	03/17/2009	RHINO

Method: (9010B-9030B), Reactive cyanide and sulfide (Reactivity)

QC Batch No: 031709

Our Lab I.D.		Method Blank	52154.01			
Client Sample I.D.			Rhi 1			
Date Sampled			03/11/2009			
Date Prepared		03/17/2009	03/17/2009			
Preparation Method		9010/30B	9010/30B			
Date Analyzed		03/17/2009	03/17/2009			
Matrix		Solid	Solid			
Units		mg/Kg	mg/Kg			
Dilution Factor		1	1			
Analytes	MDL	PQL	Results	Results		
Cyanide (Reactive)	0.25	0.50	ND	ND		
Sulfide (Reactive)	0.25	0.50	ND	ND		

QC Batch No: 031709; Dup or Spiked Sample: 52154.01; LCS: Blank; LCS Prepared: 03/17/2009; LCS Analyzed: 03/17/2009;
 Units: mg/Kg

Analytes	SM Result	SM DUP Result	RPD %	SM RPD % Limit	LCS Concen	LCS Recov	LCS % REC	LCS/LCSD % Limit		
Cyanide	ND	ND	<1	<15	0.200	0.126	63.0	50-150		
Sulfides	ND	ND	<1	<15	0.200	0.142	71.0	50-150		



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Page: **4**

Project ID: POLYMER TESTING

AETL Job Number	Submitted	Client
52154	03/17/2009	RHINO

Method: 9045C, Soil and Waste pH

QC Batch No: 031809

Our Lab I.D.		Method Blank	52154.01			
Client Sample I.D.			Rhi 1			
Date Sampled			03/11/2009			
Date Prepared		03/18/2009	03/18/2009			
Preparation Method		9045C	9045C			
Date Analyzed		03/18/2009	03/18/2009			
Matrix		Solid	Solid			
Units		pH unit	pH unit			
Dilution Factor		1	1			
Analytes	MDL	PQL	Results	Results		
pH	1.00	1.00	NA	6.45		

QC Batch No: 031809; Dup or Spiked Sample: 52154.01; LCS: Blank; LCS Prepared: 03/18/2009; LCS Analyzed: 03/18/2009;
 Units: pH unit

Analytes	SM Result	SM DUP Result	RPD %	SM RPD % Limit	LCS Concen	LCS Recov	LCS % REC	LCS/LCSD % Limit		
pH	6.45	6.42	<1	<15	7.00	7.00	100	80-120		



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ANALYTICAL RESULTS

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Page: 5

Project ID: POLYMER TESTING

AETL Job Number	Submitted	Client
52154	03/17/2009	RHINO

Method: BIOASSAY-1, DOHS (Title 22) Hazardous Waste Using Fathead Minnows

Our Lab I.D.	Method Blank	52154.01			
Client Sample I.D.		Rhi 1			
Date Sampled		03/11/2009			
Date Prepared	03/27/2009	03/27/2009			
Preparation Method	BIOASSAY1	BIOASSAY1			
Date Analyzed	03/31/2009	03/31/2009			
Matrix	Solid	Solid			
Units	Percent	Percent			
Dilution Factor	1	1			
Analytes	MDL	PQL	Results	Results	
Percent survival	1.0	1.0	NA	100	
Toxicity Unit (TUa)	0.01	0.01	NA	ND	



TOXICITY TESTING • OCEANOGRAPHIC RESEARCH

March 31, 2009

Mr. Jim Lin
American Envi. Testing Labs.
2834 North Naomi Street
Burbank, CA 91504

Dear Mr. Lin:

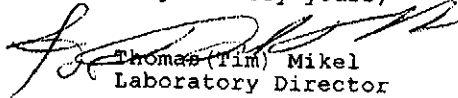
We are pleased to present the enclosed acute bioassay report. The test was conducted under the guidelines prescribed in "Static Acute Bioassay Procedures for Hazardous Waste Samples" California Department of Fish and Game, 1988. The results were as follows:

CLIENT:	American Envi. Testing Labs.
SAMPLE I.D.:	52154.01
DATE RECEIVED:	03/18/09
ABC LAB. NO.:	AET0309.226

DOHS (TITLE 22) HAZARDOUS WASTE BIOASSAY USING FATHEAD MINNOWS

96 HOUR LC50 =	>750	mg/l
STATUS =	Pass	

Respectfully yours,



Thomas (Tim) Mikel
Laboratory Director

AQUATIC BIOASSAY AND CONSULTING LABORATORIES, INC.
 29 North Olive Street
 Ventura, CA 93001
 (805) 643-5621

DOHS Bioassay for Hazardous Waste (Title 22)

SAMPLE INFORMATION

CLIENT:	American Envi. Testing Labs. Date: 03/18/09
SAMPLE I.D.:	52154.01 LAB #: AJT0309.226

WATER QUALITY

DILUTION WATER: Reconst. Fresh				AERATION Single Bubble Air			
CONTROL HARDNESS				CONTROL ALKALINITY			
Beg:	45 mg/l	End:	45 mg/l	Beg:	35 mg/l	End:	33 mg/l
SAMPLE HARDNESS							
Beg:	44 mg/l	End:	44 mg/l	Beg:	28 mg/l	End:	31 mg/l

ORGANISM INFORMATION

SPECIES:	Pimephales promelas	DATE RECD:	02/24/09
COMMON NAME:	Fathead Minnow	AVERAGE LNTH:	44 mm
SOURCE:	Thomas Fish Co.	AVERAGE WT:	0.32 gm
CARRIER:	California Overnight	NO. FISH / TANK:	10

TEST DATA

DATE: TIME:	INITIAL				24 HOURS				48 HOURS				72 HOURS				96 HOURS			
	03/27/09 1330				03/28/09 1200				03/29/09 1200				03/30/09 1345				03/31/09 1345			
CONC.	Dis. Oxy.	Temp. dg.C	pH	#Fish Dead	Dis. Oxy.	Temp. dg.C	pH	#Fish Dead	Dis. Oxy.	Temp. dg.C	pH	#Fish Dead	Dis. Oxy.	Temp. dg.C	pH	#Fish Dead	Dis. Oxy.	Temp. dg.C	pH	#Fish Dead
0 (Con.)	9.7	20.4	7.8	0	8.8	20.0	7.9	0	8.2	19.9	7.9	0	6.5	20.0	7.2	0	8.7	19.6	7.4	0
400 mg/l	9.5	20.4	7.8	0	8.2	20.0	7.9	0	7.8	20.0	7.8	0	6.0	19.9	7.2	0	8.1	19.5	7.4	0
400 mg/l	9.5	20.5	7.8	0	8.2	20.0	7.9	0	7.8	19.9	7.8	0	6.0	20.0	7.2	0	8.5	19.5	7.4	0
750 mg/l	9.5	20.5	7.8	0	8.3	20.0	7.9	0	7.8	20.0	7.8	0	6.1	20.0	7.1	0	8.6	19.5	7.4	0
750 mg/l	9.4	20.5	7.8	0	8.3	20.0	7.9	0	7.8	19.9	7.8	0	6.7	20.3	7.2	0	8.6	19.6	7.5	0

FINAL DATA

TOTAL MORTALITIES	
0 (Con.)	0
400 mg/l	0
400 mg/l	0
750 mg/l	0
750 mg/l	0

FINAL RESULTS

96 HOUR LC50 =	>750 mg/l
STATUS =	Pass
CALCULATION METHOD =	Binomial Test


 Michael Machuzak, Chief Biologist

Date 3/31/09

Data Qualifiers and Descriptors

Data Qualifier:

- *: In the QC section, sample results have been taken directly from the ICP reading. No preparation factor has been applied.
- B: Analyte was present in the Method Blank.
- D: Result is from a diluted analysis.
- E: Result is beyond calibration limits and is estimated.
- H: Analysis was performed over the allowed holding time due to circumstances which were beyond laboratory control.
- J: Analyte was detected . However, the analyte concentration is an estimated value, which is between the Method Detection Limit (MDL) and the Practical Quantitation Limit (PQL).
- M: Matrix spike recovery is outside control limits due to matrix interference. Laboratory Control Sample recovery was acceptable.
- MCL: Maximum Contaminant Level
- NS: No Standard Available
- S6: Surrogate recovery is outside control limits due to matrix interference.
- S8: The analysis of the sample required a dilution such that the surrogate concentration was diluted below the method acceptance criteria.
- X: Results represent LCS and LCSD data.

Definition:

- %Limi: Percent acceptable limits.
- %REC: Percent recovery.
- Con.L: Acceptable Control Limits
- Conce: Added concentration to the sample.
- LCS: Laboratory Control Sample
- MDL: Method Detection Limit is a statistically derived number which is specific for each instrument, each method, and each compound. It indicates a distinctively detectable quantity with 99% probability.

Data Qualifiers and Descriptors

MS:	Matrix Spike
MS DU:	Matrix Spike Duplicate
ND:	Analyte was not detected in the sample at or above MDL.
PQL:	Practical Quantitation Limit or ML (Minimum Level as per RWQCB) is the minimum concentration that can be quantified with more than 99% confidence. Taking into account all aspects of the entire analytical instrumentation and practice.
Recov:	Recovered concentration in the sample.
RPD:	Relative Percent Difference
