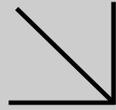




Calscience

Supplemental Report 1

Additional requested analyses are reported as a stand-alone report.



WORK ORDER NUMBER: 14-08-0472

The difference is service



AIR | SOIL | WATER | MARINE CHEMISTRY

Analytical Report For

Client: Yolo County District Attorney's Office

Client Project Name: Not Listed

Attention: Heidi D'Agostino
301 Second Street
Woodland, CA 95695-3415

Danielle Gonsman

Approved for release on 10/03/2014 by:
Danielle Gonsman
Project Manager

ResultLink ▶

Email your PM ▶



Eurofins Calscience, Inc. (Calscience) certifies that the test results provided in this report meet all NELAC requirements for parameters for which accreditation is required or available. Any exceptions to NELAC requirements are noted in the case narrative. The original report of subcontracted analyses, if any, is attached to this report. The results in this report are limited to the sample(s) tested and any reproduction thereof must be made in its entirety. The client or recipient of this report is specifically prohibited from making material changes to said report and, to the extent that such changes are made, Calscience is not responsible, legally or otherwise. The client or recipient agrees to indemnify Calscience for any defense to any litigation which may arise.

Contents

Client Project Name: Not Listed
Work Order Number: 14-08-0472

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Work Order: 14-08-0472

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Condition Upon Receipt:

Samples were received under Chain-of-Custody (COC) on 08/07/14. They were assigned to Work Order 14-08-0472.

Unless otherwise noted on the Sample Receiving forms all samples were received in good condition and within the recommended EPA temperature criteria for the methods noted on the COC. The COC and Sample Receiving Documents are integral elements of the analytical report and are presented at the back of the report.

Holding Times:

All samples were analyzed within prescribed holding times (HT) and/or in accordance with the Calscience Sample Acceptance Policy unless otherwise noted in the analytical report and/or comprehensive case narrative, if required.

Any parameter identified in 40CFR Part 136.3 Table II that is designated as "analyze immediately" with a holding time of ≤ 15 minutes (40CFR-136.3 Table II, footnote 4), is considered a "field" test and the reported results will be qualified as being received outside of the stated holding time unless received at the laboratory within 15 minutes of the collection time.

Quality Control:

All quality control parameters (QC) were within established control limits except where noted in the QC summary forms or described further within this report.

Additional Comments:

Air - Sorbent-extracted air methods (EPA TO-4A, EPA TO-10, EPA TO-13A, EPA TO-17): Analytical results are converted from mass/sample basis to mass/volume basis using client-supplied air volumes.

New York NELAP air certification does not certify for all reported methods and analytes, reference the accredited items here: http://www.calscience.com/PDF/New_York.pdf

Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture. All QC results are always reported on a wet weight basis.

Subcontractor Information:

Unless otherwise noted below (or on the subcontract form), no samples were subcontracted.



Calscience

Sample Summary

Client: Yolo County District Attorney's Office	Work Order:	14-08-0472
301 Second Street	Project Name:	Not Listed
Woodland, CA 95695-3415	PO Number:	
	Date/Time Received:	08/07/14 10:30
	Number of Containers:	22

Attn: Heidi D'Agostino

Sample Identification	Lab Number	Collection Date and Time	Number of Containers	Matrix
134A	14-08-0472-1	07/31/14 16:00	1	Solid
135A	14-08-0472-2	07/31/14 16:00	1	Solid
136A	14-08-0472-3	07/31/14 16:00	2	Aqueous
137A	14-08-0472-4	07/31/14 16:00	1	Aqueous
138A	14-08-0472-5	07/31/14 16:00	2	Aqueous
139A	14-08-0472-6	07/31/14 16:00	1	Aqueous
140A	14-08-0472-7	07/31/14 16:00	1	Solid
141A	14-08-0472-8	07/31/14 16:00	1	Solid
142A	14-08-0472-9	07/31/14 16:00	1	Solid
143A	14-08-0472-10	07/31/14 16:00	1	Aqueous
144A	14-08-0472-11	07/31/14 16:00	1	Solid
145A	14-08-0472-12	07/31/14 16:00	1	Aqueous
146A	14-08-0472-13	07/31/14 16:00	1	Solid
147A	14-08-0472-14	07/31/14 16:00	1	Aqueous
148A	14-08-0472-15	07/31/14 16:00	1	Solid
149A	14-08-0472-16	07/31/14 16:00	1	Solid
150A	14-08-0472-17	07/31/14 16:00	1	Aqueous
151A	14-08-0472-18	07/31/14 16:00	1	Solid
152A	14-08-0472-19	07/31/14 16:00	1	Aqueous
153A	14-08-0472-20	07/31/14 16:00	1	Solid


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Analytical Report

Yolo County District Attorney's Office
 301 Second Street
 Woodland, CA 95695-3415

Date Received: 08/07/14
 Work Order: 14-08-0472
 Preparation: N/A
 Method: CA Fish and Game

Project: Not Listed

Page 1 of 3

Test Species:	Fathead Minnow (Pimephales Promelas)	Mean Length:	44 mm	Mean Weight:	0.48 g
Sample Collected:	07/31/14 16:00:00	Sample Received:	08/07/14 10:30:00		
Test Start:	09/19/14 16:00:00	Test End:	09/23/14 16:00:00		

Initial Water Quality Parameters

Residual Chlorine:	< 0.01 mg/L	Temperature:	19.9 °C
pH:	7.85 units	Conductivity:	900 umhos/cm
Dissolved Oxygen (D.O.):	7.12 mg/L	Alkalinity:	194 mg/L
Hardness:	40 mg/L	Ammonia:	N/A

Sample Preparation

The sample was adjusted to test temperature.

Sample Adjustment During Analysis

No Supplemental aeration needed.

If needed, supplemental aeration to maintain required Dissolved Oxygen level is supplied via a low pressure oil-free pump connected to individual lines for each tank/chamber from a common manifold. Individual valves at each tank/chamber control the flow rate as required.

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date/Time Analyzed	QC Batch ID
143A	14-08-0472-10	07/31/14	Aqueous	09/19/14	09/23/14 16:00:00	

Parameter	Result	Units
Bioassay Definitive LC50	335	mg/L

Laboratory Notes

Sample received after recommended holding time.

All testing was within method protocol.

LC 50 Results

SRT sample (mg/L):	25.00	Sample (mg/L):	335.0
Upper 95% confidence limit:	25.30	Upper 95% confidence limit:	358.0
Lower 95% confidence limit:	24.70	Lower 95% confidence limit:	315.0

SRT: Standard Reference Toxicant.

Analytical Report

Yolo County District Attorney's Office
 301 Second Street
 Woodland, CA 95695-3415

Date Received: 08/07/14
 Work Order: 14-08-0472
 Preparation: N/A
 Method: CA Fish and Game

Project: Not Listed

Page 2 of 3

Test Species:	Fathead Minnow (Pimephales Promelas)	Mean Length:	44 mm	Mean Weight:	0.48 g
Sample Collected:	07/31/14 16:00:00	Sample Received:	08/07/14 10:30:00		
Test Start:	09/19/14 16:00:00	Test End:	09/23/14 16:00:00		

Initial Water Quality Parameters

Residual Chlorine:	< 0.01 mg/L	Temperature:	19.9 °C
pH:	7.84 units	Conductivity:	900 umhos/cm
Dissolved Oxygen (D.O.):	7.15 mg/L	Alkalinity:	194 mg/L
Hardness:	40 mg/L	Ammonia:	N/A

Sample Preparation

The sample was adjusted to test temperature.

Sample Adjustment During Analysis

No Supplemental aeration needed.

If needed, supplemental aeration to maintain required Dissolved Oxygen level is supplied via a low pressure oil-free pump connected to individual lines for each tank/chamber from a common manifold. Individual valves at each tank/chamber control the flow rate as required.

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date/Time Analyzed	QC Batch ID
151A	14-08-0472-18	07/31/14	Solid	09/19/14	09/23/14 16:00:00	

Parameter	Result	Units
Bioassay Definitive LC50	78.1	mg/L

Laboratory Notes

Sample received after recommended holding time.

All testing was within method protocol.

LC 50 Results

SRT sample (mg/L):	25.00	Sample (mg/L):	78.10
Upper 95% confidence limit:	25.30	Upper 95% confidence limit:	85.60
Lower 95% confidence limit:	24.70	Lower 95% confidence limit:	71.40

SRT: Standard Reference Toxicant.

Analytical Report

Yolo County District Attorney's Office
301 Second Street
Woodland, CA 95695-3415

Date Received: 08/07/14
Work Order: 14-08-0472
Preparation: N/A
Method: CA Fish and Game

Project: Not Listed

Page 3 of 3

Test Species:	Fathead Minnow (Pimephales Promelas)	Mean Length:	44 mm	Mean Weight:	0.48 g
Sample Collected:	07/31/14 16:00:00	Sample Received:	08/07/14 10:30:00		
Test Start:	09/19/14 16:00:00	Test End:	09/23/14 16:00:00		

Initial Water Quality Parameters

Residual Chlorine:	< 0.01 mg/L	Temperature:	19.9 °C
pH:	7.91 units	Conductivity:	900 umhos/cm
Dissolved Oxygen (D.O.):	7.13 mg/L	Alkalinity:	198 mg/L
Hardness:	40 mg/L	Ammonia:	N/A

Sample Preparation

The sample was adjusted to test temperature.

Sample Adjustment During Analysis

No Supplemental aeration needed.

If needed, supplemental aeration to maintain required Dissolved Oxygen level is supplied via a low pressure oil-free pump connected to individual lines for each tank/chamber from a common manifold. Individual valves at each tank/chamber control the flow rate as required.

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date/Time Analyzed	QC Batch ID
152A	14-08-0472-19	07/31/14	Aqueous	09/19/14	09/23/14 16:00:00	

Parameter	Result	Units
Bioassay Definitive LC50	210	mg/L

Laboratory Notes

Sample received after recommended holding time.

All testing was within method protocol.

LC 50 Results

SRT sample (mg/L):	25.00	Sample (mg/L):	210.0
Upper 95% confidence limit:	25.30	Upper 95% confidence limit:	222.0
Lower 95% confidence limit:	24.70	Lower 95% confidence limit:	199.0

SRT: Standard Reference Toxicant.

Glossary of Terms and Qualifiers

Work Order: 14-08-0472

Page 1 of 1

<u>Qualifiers</u>	<u>Definition</u>
*	See applicable analysis comment.
<	Less than the indicated value.
>	Greater than the indicated value.
1	Surrogate compound recovery was out of control due to a required sample dilution. Therefore, the sample data was reported without further clarification.
2	Surrogate compound recovery was out of control due to matrix interference. The associated method blank surrogate spike compound was in control and, therefore, the sample data was reported without further clarification.
3	Recovery of the Matrix Spike (MS) or Matrix Spike Duplicate (MSD) compound was out of control due to suspected matrix interference. The associated LCS recovery was in control.
4	The MS/MSD RPD was out of control due to suspected matrix interference.
5	The PDS/PDSD or PES/PESD associated with this batch of samples was out of control due to suspected matrix interference.
6	Surrogate recovery below the acceptance limit.
7	Surrogate recovery above the acceptance limit.
B	Analyte was present in the associated method blank.
BU	Sample analyzed after holding time expired.
BV	Sample received after holding time expired.
E	Concentration exceeds the calibration range.
ET	Sample was extracted past end of recommended max. holding time.
HD	The chromatographic pattern was inconsistent with the profile of the reference fuel standard.
HDH	The sample chromatographic pattern for TPH matches the chromatographic pattern of the specified standard but heavier hydrocarbons were also present (or detected).
HDL	The sample chromatographic pattern for TPH matches the chromatographic pattern of the specified standard but lighter hydrocarbons were also present (or detected).
J	Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated.
JA	Analyte positively identified but quantitation is an estimate.
ME	LCS Recovery Percentage is within Marginal Exceedance (ME) Control Limit range (+/- 4 SD from the mean).
ND	Parameter not detected at the indicated reporting limit.
Q	Spike recovery and RPD control limits do not apply resulting from the parameter concentration in the sample exceeding the spike concentration by a factor of four or greater.
SG	The sample extract was subjected to Silica Gel treatment prior to analysis.
X	% Recovery and/or RPD out-of-range.
Z	Analyte presence was not confirmed by second column or GC/MS analysis.

Any parameter identified in 40CFR Part 136.3 Table II that is designated as "analyze immediately" with a holding time of ≤ 15 minutes (40CFR-136.3 Table II, footnote 4), is considered a "field" test and the reported results will be qualified as being received outside of the stated holding time unless received at the laboratory within 15 minutes of the collection time.

A calculated total result (Example: Total Pesticides) is the summation of each component concentration and/or, if "J" flags are reported, estimated concentration. Component concentrations showing not detected (ND) are summed into the calculated total result as zero concentrations.



**OFFICE OF THE DISTRICT ATTORNEY
YOLO COUNTY**

301 2nd Street
Woodland, California 95695
Telephone: (530) 666-8424 Fax: (530) 666-8423

14-08-0472

Please send results to:
Name: Investigator Heidi D'Agostino
Email: heidi.dagostino@yolocounty.org
Fax: 530-666-8423

Testing Facility
Facility name: Calscience Environmental Laboratories, Inc.
Facility address: 7440 Lincoln Way
Garden Grove, CA 92841-1427
Facility contact: Danielle Gonsman, Project Manager

CHAIN OF CUSTODY RECORD

L2 Sample Number	Description	Manufacturer	UPC	Quantity	Main Ingredient / Or Usage / NOTES	Date sampled	Time sampled	Sample container description					Required analysis
								Method of sampling: Composite (C) Grab (G)	Size of sample container (include units)	Type of sample container: Plastic (P), Cardboard/box (C)	Evidence tape: Yes (Y) No (N)	Transported in iced cooler: Yes (Y) No (N)	96-hour fish bioassay
1 134A	Tripical Citrus Solid Odor Absorber	Beaumont Products Inc	087052715335	1	solid	7/31/2014	4:00 PM	n/a	200g (min)	P	N	N	X
2 135A	Moco de gorila Hair Gel	Moca de Gorila Inc	878971000042	1	solid	7/31/2014	4:00 PM	n/a	200g (min)	P	N	N	X
3 136A	Kiwi Cleaner	SC Johnson & Son Inc	031600112008	2	liquid	7/31/2014	4:00 PM	n/a	200g (min)	P	N	N	X
4 137A	Pro Sense Skin & Coat Care	United Pet Group Inc	026851017592	1	liquid	7/31/2014	4:00 PM	n/a	200g (min)	P	N	N	X
5 138A	Kiwi Leather Dye	SC Johnson & Son Inc	031600118116	2	liquid	7/31/2014	4:00 PM	n/a	200g (min)	P	N	N	X
6 139A	Corn Huskers Lotion	Valeant Pharmaceuticals North America LLC	301875510077	1	liquid	7/31/2014	4:00 PM	n/a	200g (min)	P	N	N	X
7 140A	Village Naturals Mineral Bath Soak	The Village Company	735303504206	1	solid	7/31/2014	4:00 PM	n/a	200g (min)	P	N	N	X
8 141A	Barefoot Foot Scrub	Freeman Beauty Labs	072151187602	1	solid	7/31/2014	4:00 PM	n/a	200g (min)	P	N	N	X
9 142A	Carmex Original Healing Ointment	Carma Laboratories Inc	083078500801	1	solid	7/31/2014	4:00 PM	n/a	200g (min)	P	N	N	X
10 143A	Cutter Insect Repellant	United Industries Corp	071121960146	1	liquid	7/31/2014	4:00 PM	n/a	200g (min)	P	N	N	X
11 144A	Pro Sense Brewer's Yeast Supplement	United Pet Group Inc	026851017752	1	solid	7/31/2014	4:00 PM	n/a	200g (min)	P	N	N	X
12 145A	Kaz Steam Activated Inhalant	Kaz USA Inc	028785300405	1	liquid	7/31/2014	4:00 PM	n/a	200g (min)	P	N	N	X
13 146A	Noxema Deep Cleansing Cream	Unilever	087300560106	1	solid	7/31/2014	4:00 PM	n/a	200g (min)	P	N	N	X
14 147A	Luster's Pink Oil Moisturizer Lotion	Luster Products Inc	038276005122	1	liquid	7/31/2014	4:00 PM	n/a	200g (min)	P	N	N	X
15 148A	African Pride Olive Miracle	Strength of Nature Global LLC	802535453531	1	solid	7/31/2014	4:00 PM	n/a	200g (min)	P	N	N	X
16 149A	Madre Perla Skin Brightening Mask	DLC Laboratories Inc	324286161041	1	solid	7/31/2014	4:00 PM	n/a	200g (min)	P	N	N	X
17 150A	EcoSmart Insect Repellant	EcoSMART	895591001754	1	liquid	7/31/2014	4:00 PM	n/a	200g (min)	P	N	N	X
18 151A	Downy Unstopables Scent Booster	Proctor & Gamble Inc	037000834274	1	solid	7/31/2014	4:00 PM	n/a	200g (min)	P	N	N	X
19 152A	ology Lavender Pure Castile Soap	Walgreen Co. Electrolux Home Care	049022684010	1	liquid	7/31/2014	4:00 PM	n/a	200g (min)	P	N	N	X
20 153A	Arm & Hammer Pet Fresh Dry Carpet Cleaner	Products Inc	23169134478	1	solid	7/31/2014	4:00 PM	n/a	200g (min)	P	N	N	X

NOTE: All Samples were taken at 301 2nd Street, Woodland, CA 95695

Relinquished by:	<u>Rachel Hunt</u>	<u>Legal Secretary</u>	<u>8-5-14</u>	<u>2:00pm</u>	Remarks
Received by:	<u>PRECY SORIANO</u>	<u>Sample Control Tech.</u>	<u>8/7/14</u>	<u>1030</u>	
Relinquished by:	_____	_____	_____	_____	_____
Received by:	_____	_____	_____	_____	_____
Relinquished by:	_____	_____	_____	_____	_____

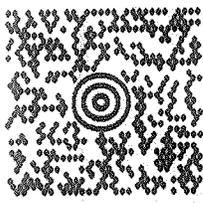
0472

YOLO COUNTY D.A.
(530) 866-8180
THE UPS STORE #0533
STE A
1296 E GIBSON RD
WOODLAND CA 95778-6378

16 LBS 1 OF 1
SHP WT: 16 LBS
DATE: 05 AUG 2014

SHIP ATT DANIELLE GONSMAN
TO: CALSCIENCE ENVIRONMENTAL LAB
7440 LINCOLN WAY

GARDEN GROVE CA 92841-1427

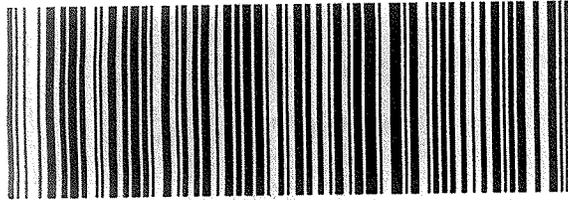


CA 927 9-09



UPS GROUND

TRACKING #: 1Z 1Y9 57W 03 7956 0014



BILLING: P/P

REF #1: 080514RF
REF #2: 533

ISH 13.00N Z2P 458 54.5U 7/2014



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Calscience

WORK ORDER #: 14-08-0472

SAMPLE RECEIPT FORM

Box 1 of 1

CLIENT: YOLO COUNTY

DATE: 08/07/14

TEMPERATURE: Thermometer ID: SC1 (Criteria: 0.0 °C – 6.0 °C, not frozen except sediment/tissue)

Temperature 22.9 °C - 0.3 °C (CF) = 22.6 °C Blank Sample

Sample(s) outside temperature criteria (PM/APM contacted by: _____)

Sample(s) outside temperature criteria but received on ice/chilled on same day of sampling.

Received at ambient temperature, placed on ice for transport by Courier.

Ambient Temperature: Air Filter Checked by: 876

CUSTODY SEALS INTACT:

Box _____ No (Not Intact) Not Present N/A Checked by: 876

Sample _____ No (Not Intact) Not Present Checked by: 739

SAMPLE CONDITION:

	Yes	No	N/A
Chain-Of-Custody (COC) document(s) received with samples.....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
COC document(s) received complete.....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Collection date/time, matrix, and/or # of containers logged in based on sample labels.			
<input type="checkbox"/> No analysis requested. <input type="checkbox"/> Not relinquished. <input type="checkbox"/> No date/time relinquished.			
Sampler's name indicated on COC.....	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Sample container label(s) consistent with COC.....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Sample container(s) intact and good condition.....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Proper containers and sufficient volume for analyses requested.....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Analyses received within holding time.....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Aqueous samples received within 15-minute holding time			
<input type="checkbox"/> pH <input type="checkbox"/> Residual Chlorine <input type="checkbox"/> Dissolved Sulfides <input type="checkbox"/> Dissolved Oxygen.....			
Proper preservation noted on COC or sample container.....	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<input type="checkbox"/> Unpreserved vials received for Volatiles analysis			
Volatile analysis container(s) free of headspace.....	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Tedlar bag(s) free of condensation.....	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

CONTAINER TYPE:

Solid: 4ozCGJ 8ozCGJ 16ozCGJ Sleeve (____) EnCores® TerraCores® PB

Aqueous: VOA VOA_h VOA_{na2} 125AGB 125AGB_h 125AGB_p 1AGB 1AGB_{na2} 1AGB_s

500AGB 500AGJ 500AGJ_s 250AGB 250CGB 250CGB_s 1PB 1PB_{na} 500PB

250PB 250PB_n 125PB 125PB_{znna} 100PJ 100PJ_{na2} _____ _____ _____

Air: Tedlar® Canister **Other:** PB **Trip Blank Lot#:** _____ **Labeled/Checked by:** 739

Container: C: Clear A: Amber P: Plastic G: Glass J: Jar B: Bottle Z: Ziploc/Resealable Bag E: Envelope **Reviewed by:** 876

Preservative: r: HCL n: HNO₃ na₂: Na₂S₂O₃ na: NaOH p: H₃PO₄ s: H₂SO₄ u: Ultra-pure znna: ZnAc₂+NaOH f: Filtered **Scanned by:** my

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