

McCampbell Analytical, Inc.

"When Quality Counts"

Analytical Report

WorkOrder: 1407027

Report Created for: McTron Technologies

5210 Hovis Road Charlotte, NC 28208

Project Contact: Ken Synder
Project P.O.: #062614KS
Project Name: CLT Plant

Project Received: 07/01/2014

Analytical Report reviewed & approved for release on 07/14/2014 by:

Question about your data?

Click here to email
McCampbell

Angela Rydelius,

Laboratory Manager

The report shall not be reproduced except in full, without the written approval of the laboratory. The analytical results relate only to the items tested. Results reported conform to the most current NELAP standards, where applicable, unless otherwise stated in the case narrative.



1534 Willow Pass Rd. Pittsburg, CA 94565 ♦ TEL: (877) 252-9262 ♦ FAX: (925) 252-9269 ♦ www.mccampbell.com NELAP: 4033ORELAP ♦ ELAP: 1644 ♦ ISO/IEC: 17025:2005 ♦ WSDE: C972-11 ♦ ADEC: UST-098 ♦ UCMR3

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Glossary of Terms & Qualifier Definitions

Client: McTron Technologies

Project: CLT Plant **WorkOrder:** 1407027

Glossary Abbreviation

95% Interval 95% Confident Interval

DF Dilution Factor
DUP Duplicate

EDL Estimated Detection Limit

ITEF International Toxicity Equivalence Factor

LCS Laboratory Control Sample

MB Method Blank

MB % Rec % Recovery of Surrogate in Method Blank, if applicable

MDL Method Detection Limit

ML Minimum Level of Quantitation

MS Matrix Spike

MSD Matrix Spike Duplicate

ND Not detected at or above the indicated MDL or RL

NR Matrix interferences, or analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x

spike amount for water matrix; or sample diluted due to high matrix or analyte content.

RD Relative Difference

RL Reporting Limit (The RL is the lowest calibration standard in a multipoint calibration.)

RPD Relative Percent Deviation
RRT Relative Retention Time

SPK Val Spike Value

SPKRef Val Spike Reference Value TEQ Toxicity Equivalence

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McTron Technologies	Client Project ID: CLT Plant	Date Sampled: 06/27/14
5210 Hovis Road		Date Received: 07/01/14
3210 Hovis Road	Client Contact: Ken Synder	Date Extracted: 07/08/14-07/12/14
Charlotte, NC 28208	Client P.O.: #062614KS	Date Analyzed: 07/08/14-07/12/14

CA Title 22 Acute Fish Bioassay Screen Test for Hazardous Waste

Analytical Method: CA DFG (Polinsi & Miller) Work Order: 1407027 Extraction Method: CA DFG (Polinsi & Miller)

Lab ID	1407027-001A	Species	Pimephales promelas	Avg. Length (mm)	31.4
Client ID	Maxxetate-VA-1254-55	Common Name	Fathead Minnows	Avg. Weight (g)	0.327
Matrix	Liquid			Max Weight (g)	0.366
Control Water	Soft Synthetic Water			Min Weight (g)	0.285

Concentration-	Surv	ival	Dissolved	O2 (mg/L)	p]	Н	Tempera	ture (°C)	Comr	nants
Concentration	A	В	A	В	A	В	A	В	Colli	nents
Control	10	10	8.74	8.78	7.66	7.67	20.6	20.6	Analyst:	AB
250 mg/L	10	10	8.76	8.69	7.63	7.65	20.6	20.6		
500 mg/L	10	10	8.73	8.77	7.68	7.67	20.6	20.6	Date:	7/8/2014
750 mg/L	10	10	8.67	8.72	7.70	7.71	20.6	20.6	Time:	12:00 PM
Control	10	10	8.66	8.69	7.57	7.60	20.0	20.0	Analyst:	AB
250 mg/L	10	10	8.62	8.57	7.56	7.58	20.0	20.0		
500 mg/L	10	10	8.55	8.59	7.53	7.50	20.0	20.0	Date:	7/9/2014
750 mg/L	10	10	8.53	8.60	7.47	7.49	20.0	20.0	Time:	12:00 PM
Control	10	10	8.51	8.57	7.50	7.54	20.1	20.1	Analyst:	AB
250 mg/L	10	10	8.52	8.45	7.51	7.53	20.1	20.1		
500 mg/L	10	10	8.43	8.47	7.48	7.45	20.1	20.1	Date:	7/10/2014
750 mg/L	10	10	8.39	8.42	7.41	7.44	20.1	20.1	Time:	12:00 PM
Control	10	10	8.40	8.46	7.41	7.43	20.2	20.2	Analyst:	AB
250 mg/L	10	10	8.34	8.28	7.36	7.40	20.2	20.2		
500 mg/L	10	10	8.25	8.20	7.30	7.27	20.2	20.2	Date:	7/11/2014
750 mg/L	9	10	8.17	8.23	7.22	7.25	20.2	20.2	Time:	12:00 PM
Control	10	10	8.37	8.25	7.30	7.27	20.9	20.9	Analyst:	MAX
250 mg/L	10	10	8.09	8.16	7.16	7.14	20.9	20.9		
500 mg/L	10	10	8.12	8.21	7.22	7.26	20.9	20.9	Date:	7/12/2014
750 mg/L	9	10	8.11	8.14	7.14	7.11	20.9	20.9	Time:	12:00 PM

Initial Final

	Control	750 mg/L	Control	750 mg/L
Hardness (mg/L as CaCO3)	40	41	41	43
Alkalinity (mg/L as CaCO3)	32.04	36.28	39.28	47.6
Conductivity (uS/cm)	162.2	188.4	171.3	208.9
Salinity (mg/L)	N/A	N/A	N/A	N/A

Result: Mortality <40% at 750mg/L. Therefore LC50>=500mg/L ('non-hazardous')

96 LC50: N/A LC50 Method: N/A 95% Upper Confident Limit: N/A 95% Lower Confident Limit: N/A

Angela Rydelius, Lab Manager

McCampbell Analytical, Inc.

CHAIN-OF-CUSTODY RECORD

Page 1 of 1

1534 Willow Pass Rd Pittsburg, CA 94565-1701 (925) 252-9262

WorkOrder: 1407027 ClientCode: MTTNC

WaterTrax	WriteOn	EDF	Excel	■ EQuIS	Email	HardCopy	ThirdParty	J-flag
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Report to: Bill to: Requested TAT: 10 days

Ken Synder Email: coatingsolns@gmail.com Accounts Payable

McTron Technologies cc/3rd Party: McTron Technologies

 5210 Hovis Road
 PO:
 #062614KS
 5210 Hovis Road
 Date Received:
 07/01/2014

 Charlotte, NC 28208
 ProjectNo:
 CLT Plant
 Charlotte, NC
 Date Printed:
 07/01/2014

 704-392-5983
 FAX:

								Re	quested	Tests (See leg	end belo	ow)			
Lab ID	Client ID	Matrix	Collection Date	Hold	1	2	3	4	5	6	7	8	9	10	11	12
1407027-001	Maxxetate-VA-1254-55	Liquid	6/27/2014		Α											

Test Legend:

1 FISHHAZSCREEN_L	2	3	4	5
6	7	8	9	10
11	12			

Prepared by: Jena Alfaro

Comments:

NOTE: Soil samples are discarded 60 days after results are reported unless other arrangements are made (Water samples are 30 days).

Hazardous samples will be returned to client or disposed of at client expense.



Client Name: MCTRON TECHNOLOGIES

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WORK ORDER SUMMARY

QC Level: LEVEL 2

Project: Comments:	CLT Plant				Contact: Ke	n Synder atingsolns@gmail.com			Date Re	eceived:	7/1/2014
	[WaterTrax	WriteOn	_EDF _E	excel	Fax Email	HardCo	ppy ThirdParty	/J-f	flag	
Lab ID	Client ID	Matrix	Test Name		Number of Containers	Bottle & Preservative	De- chlorinated	Collection Date & Time	TAT	Sediment Content	Hold SubOut
1407027-001A	Maxxetate-VA-1254-5	5 Liquid	Fish Bioassay S	Screen Test for Haz Waste	1	250ml CG		6/27/2014	10 days		

* NOTE: STLC and TCLP extractions require 48 hrs to complete; therefore, all TATs begin after the extraction is completed (i.e., 24hr TAT yields results in 72 hrs from sample submission).

Bottle Legend:

250ml CG =

Work Order: 1407027



McCampbell Analytical, Inc.

CHAIN OF C

TURN AROUND TIME: RUSH

CHAIN OF	- C	US	STC	DC	Y	R	EC	0	RE
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	Ken Snyde			В	ill T	o: N	lcTr	on T	echi	nolog	gies													Ana	lysis	Rec	ques	t							
Company: McTr	on Techno	ologies	:															3																	
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Tele: (864) 4	98-3344				Fa:	Mail	:coa	tings	solns	@gr	nail.	coı	n			(5)		20 E			Congeners					-		(02	6		analysis				
Project #:	062614 A	qua To	X		101	oject	Nar	ne:		~		-				Gas (8021/ 8015)		1/55	£.1.		ong		es)				<u>®</u>	/ 60	/ 602		ls an	u			
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2.				1	_								PRE	SER	VED	IPH	(8015)	li &	Iydr	31 (0	B's	VP P	cidi	ГРН	3260	3270	310	00.7	0.7	.8/	ISS				
SAMPLE ID	Location/ Field Point Name	Date	Time	Containers	and Water	Waste Water	Drinking Water	Water			že	Ŀ		3		V/ MTBE &	TPH as Diesel (80	Total Petroleum Oil & Grease (1664 / 5520	Total Petroleum Hydrocarbons (418.1)	EPA 505/ 608 / 8081 (CI Pesticides)	EPA 608 / 8082 PCB's; Aroclors /	507 / 8141 (NP Pesticides)	EPA 515 / 8151 (Acidic, Cl Herbicides)	BTEX/ MTBE & TPH as Gas (8260)	EPA 524.2 / 624 / 8260 (VOCs)	525.2 / 625 / 8270 (SVOCs)	8270 SIM / 8310 (PAHs / PNAs)	CAM 17 Metals (200.7 / 200.8 / 6010 / 6020)	LUFT 5 Metals (200.7 / 200.8 / 6010 / 6020)	Metals (200.7 / 200.8 / 6010 / 6020)	Filter sample for DISSOLVED	ad minnow			
**				# C	Ground	Wasi	Drin	Sea	Soil	Air	Sludge	Other	HCL	HNO ₃	Other	BTEX/	ТРН	Total	Total	EPA ?	EPA (EPA 5	EPA 5	BTEX	EPA 5	EPA 5	EPA 8	CAM	LUFT	Metals	Filter	fathead	,		
Maxxetate-VA- 1254-55	CLT	6/27	BAM	1								x																				X			\dashv
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Comments:

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Sample Receipt Checklist

Client Name:	wictron rechnologies			Date and	Time Received:	7/1/2014 5:18:09 PM
Project Name:	CLT Plant			LogIn Rev	viewed by:	Jena Alfaro
WorkOrder №:	1407027 Matrix: <u>Liquid</u>			Carrier:	<u>UPS</u>	
	<u>Cha</u>	ain of Cu	ustody (COC) Information	1	
Chain of custody	present?	Yes	✓	No 🗌		
Chain of custody	signed when relinquished and received?	Yes	✓	No 🗌		
Chain of custody	agrees with sample labels?	Yes	✓	No 🗌		
Sample IDs note	d by Client on COC?	Yes	✓	No 🗌		
Date and Time of	f collection noted by Client on COC?	Yes	✓	No 🗌		
Sampler's name	noted on COC?	Yes		No 🗹		
		<u>Sample</u>	e Receipt Inf	ormation		
Custody seals in	tact on shipping container/cooler?	Yes		No 🗌		NA 🗹
Shipping contain	er/cooler in good condition?	Yes	✓	No 🗌		
Samples in prope	er containers/bottles?	Yes	✓	No 🗌		
Sample containe	rs intact?	Yes	✓	No 🗌		
Sufficient sample	e volume for indicated test?	Yes	✓	No 🗌		
	Sample Pres	<u>servatio</u>	n and Hold	Time (HT) Info	<u>ormation</u>	
All samples recei	ived within holding time?	Yes	✓	No 🗌		
Container/Temp	Blank temperature	Coole	er Temp:			NA 🗹
Water - VOA vial	s have zero headspace / no bubbles?	Yes		No 🗌		NA 🗹
Sample labels ch	necked for correct preservation?	Yes	✓	No 🗌		
pH acceptable up	oon receipt (Metal: pH<2; 522: pH<4)?	Yes		No 🗌		NA 🗹
Samples Receive	ed on Ice?	Yes		No 🗹		
* NOTE: If the "N	lo" box is checked, see comments below.					