DELLAVALLE®
Laboratory, Inc.
Chemists and Consultants

April 4, 2017

Compass Land Group
3140 Peacekeeper Way suite 102
McLellan, CA 95652

Re: Lab No. 251039

Dear Jess:

Enclosed are the results for the soil samples we collected from the CEMEX Cache Creek facility on March 15, 2017. 20 inch deep composite soil cores were collected from the piles of overburden soil. Two composite samples were collected from the larger overburden piles CC OB1, CC OB2, CC OB3 and one sample was collected from the much smaller CCOB4. Each composite sample consisted of fifteen plus 20 inch deep soil cores. Three 12 deep composite samples were collected from the open field designated for agricultural crops. The initial sampling plan for this field was based on sampling by USDA soil series. Although these composite transects were used for sampling this field, the field had obviously undergone significant earth moving by heavy equipment.

Soil samples collected from the overburden piles and open field were analyzed for fertility assays and the overburden pile soil samples were also analyzed for pesticide residues, specifically EPA 8141A [formerly EPA 8140, organophosphate (OP) and organonitrogen (ON) insecticides, herbicides and fungicides] and EPA 8151A [formerly EPA 8150, phenoxy and chlorinated herbicides].

The composite soil samples were split and the soil fertility assays run by Dellavalle Laboratory, Inc. and the pesticide residue tests performed by Environmental Micro Analysis, Inc.

Results

Soil Fertility Properties:

The pH values are all slightly alkaline, typical for Yolo County soils.

Total salinity (EC) levels are all desirably low.

Calcium to magnesium ratios are in desirable ranges.

Soil boron (B) levels are moderate to slightly high, again typical for the area. Wheat and tomatoes are both relatively tolerant to boron and these levels do not limit the use of these soils for row crop production (except for sensitive crops such as beans). Soil boron levels below 1.0 mg/kg are also suitable for boron sensitive crops such as beans, almonds, or

walnuts. Note that crop suitability also depends on the irrigation water quality as ground water is a common source of boron.

Residual nitrate-nitrogen are mostly very low. Nitrogen fertilization will be needed.

Phosphorus (PO_4-P) is very low in all samples. Phosphorus fertilization will be needed.

Potassium (K) levels are moderately low.

Zinc (Zn) levels are moderate. Zinc fertilizer should always be included in any phosphorus fertilizer application.

Calcium levels and calcium to magnesium ratios are much better than in many common Yolo county soils.

Organic matter levels are moderate.

Soil textures are mostly medium loams, ranging from sandy loam to clay loam.

Pesticide Analyses:

No pesticide residues were detected in any of the soil samples.

Conclusion

There are no limitations to using any of the overburden or open field soils for agricultural crop production. Once the overburden soils are spread on the field, it is recommended to sample the resulting soils in the field to best determine crop fertility needs.

Please call if you have any questions.

Sincerely,

Danyal Kasapligil, MS
Certified Professional Agronomist
Danyal@dellavallelab.com
(831) 750-4509

DELLAVALLE® Laboratory, Inc.
Chemists and Consultants

Report of Soil Analysis

1910 W. McKinley, Suite 110, Fresno, CA 93728
FAX (559) 268-8174 - (800) 228-9896 - (559) 233-6129

Compass Land Group
3140 Peacekeeper Way Suite 102
McLellan CA 95652
21606
05

ID: Open (Int-Tomato, Wheat)

Lab No. 251039
Sampled Date 3/15/2017
Submitted Date 3/16/2017
Submitted by Jess Zielinski
Reported Date 3/23/2017
Location/Project CEMEX, Cache Creek
Copy To
Fax
E-mail

No.	Description		% SP	units pH	dS/m EC	meq/l Ca	meq/l Mg	meq/l Na	meq/l Cl	% ESP	T/ac-6" GR	+\- Lime	lbs/ac-6" Lime	mg/l B	mg/kg NO_3-N	mg/kg PO_4-P	mg/kg K	mg/kg Acid K	mg/kg Zn	mg/kg Mn	mg/kg Fe	mg/kg Cu	% OM
	RL--->		0.50	1.0	0.01	0.1	0.1	0.1	0.1	0.1	0.1		500	0.1	1.0	2.0	2.0	40.0	0.1	0.1	0.1	0.1	0.01
	NAPT Methods--->		S1.00	S1.10	S1.20	S1.60	S1.60	S1.60	S1.40	Calc.			S2.50	S1.50	S3.10	S4.10	S5.10		S6.10	S6.10	S6.10	S6.10	S9.20
	Handbook 60--->										Hndbk 60-22d	Hndbk 60-23a						SSSA,p5 61 mod					
1	CC OB1 East	L	39	7.5	0.44	2.1	1.9	0.7		<0.1		+		0.5	<1	5	143		1.1	6.6	22.5	1.6	1.44
2	CC OB1 West	L	39	7.6	0.42	2.3	1.8	0.5		<0.1		+		0.5	<1	4	138		1.0	6.6	23.0	1.6	1.42
3	CC OB2 East	SiL	38	7.9	0.53	1.8	2.5	1.8		0.6		++		1.3	<1	4	149		1.4	6.8	25.9	1.9	1.47
4	CC OB2 West	L	38	7.7	0.43	1.9	1.8	0.9		<0.1		+		0.5	1	6	156		2.1	8.2	29.8	2.0	1.65
5	CC OB3 East	SCL	35	7.9	1.04	2.5	3.3	4.8		2.8		++		2.3	7	3	114		0.7	5.7	28.7	1.5	1.03
6	CC OB3 West	SL	26	8.0	0.72	1.5	1.8	3.9		3.1		++		1.9	3	4	80		0.5	4.4	24.2	1.0	0.80
7	CC OB4	L	36	7.3	0.45	2.2	1.6	1.2		<0.1		+		1.0	<1	3	139		0.8	5.9	24.7	1.7	1.46
8	Ag Field NE	CL	45	7.7	1.00	2.7	3.6	4.2		2.2		++		2.1	10	5	186		0.9	7.4	30.7	2.4	1.55
9	Ag Field SE	CL	43	7.6	1.18	3.2	3.9	4.8		2.4		+		2.5	15	5	190		0.9	9.9	30.3	2.4	1.91
10	Ag Field W	L	36	7.9	0.59	1.4	2.3	2.4		1.4		++		1.7	1	4	133		2.0	6.8	29.6	1.8	1.21

Tomato Soil	"Texture"	"Acidity"	Total Salts	Calcium	Magnesium	Sodium	Chloride	"Alkali"	Gyp Req	Lime Pres	Lime Req.	Boron	Nitrate-N*	Phosphate-P*	Potassium*	Zinc*	Mang.	Iron	Copper
Low	Sand<20	< 6.3	< 0.5	< 4	-	-	-	-		-		< 0.2	< 4	<24	<180	< 0.7	< 0.8	< 3.0	< 0.1
Normal	25-45	6.7-7.9	0.7-2.5	7-15	2-15	< 8	< 8	<8		++		.3-1.2	7-30	25-45	200-350	0.8-3.0	1.0 +	4.0+	0.2+
High	Clay>55	8.2+	3.0 +	25+	25+	Na>Ca	12+	11 +		++++		2.0 +	45 +	70+	450+	4.0+			

*Tissue analysis is advised to track nutrient use during the season. High & Sl High may indicate non-economic situations or toxic situations, see report.

** = EC up to 3.5 not a problem if primarily calcium

(mg/kg & mg/L are equivalent to ppm)

*** = High & Low color levels may differ based on consultant interpretation of the situation, including crop age, soil type, weather, irrigation system, etc.

Black = Normal	
Red = High	Green = Sl Low
Purple = Sl. High	Blue = Low

Report of Soil Analysis

DELLAVALLE® Laboratory, Inc.
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McLellan CA 95652
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ID: Open (Int-Tomato, Wheat)

Lab No. 251039
Sampled Date 3/15/2017
Submitted Date 3/16/2017
Submitted by Jess Zielinski
Reported Date 3/23/2017
Location/Project CEMEX, Cache Creek
Copy To
Fax
E-mail

No.	Description		% SP	units pH	dS/m EC	meq/l Ca	meq/l Mg	meq/l Na	meq/l Cl	% ESP	T/ac-6" GR	+\- Lime	lbs/ac-6" Lime	mg/l B	mg/kg NO_3-N	mg/kg PO_4-P	mg/kg K	mg/kg Acid K	mg/kg Zn	mg/kg Mn	mg/kg Fe	mg/kg Cu	% OM
	RL--->		0.50	1.0	0.01	0.1	0.1	0.1	0.1	0.1	0.1		500	0.1	1.0	2.0	2.0	40.0	0.1	0.1	0.1	0.1	0.01
	NAPT Methods--->		S1.00	S1.10	S1.20	S1.60	S1.60	S1.60	S1.40	Calc.			S2.50	S1.50	S3.10	S4.10	S5.10		S6.10	S6.10	S6.10	S6.10	S9.20
	Handbook 60--->										Hndbk 60-22d	Hndbk 60-23a						SSSA,p5 61 mod					
1	CC OB1 East	L	39	7.5	0.44	2.1	1.9	0.7		<0.1		+		0.5	<1	5	143		1.1	6.6	22.5	1.6	1.44
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3	CC OB2 East	SiL	38	7.9	0.53	1.8	2.5	1.8		0.6		++		1.3	<1	4	149		1.4	6.8	25.9	1.9	1.47
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5	CC OB3 East	SCL	35	7.9	1.04	2.5	3.3	4.8		2.8		++		2.3	7	3	114		0.7	5.7	28.7	1.5	1.03
6	CC OB3 West	SL	26	8.0	0.72	1.5	1.8	3.9		3.1		++		1.9	3	4	80		0.5	4.4	24.2	1.0	0.80
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8	Ag Field NE	CL	45	7.7	1.00	2.7	3.6	4.2		2.2		++		2.1	10	5	186		0.9	7.4	30.7	2.4	1.55
9	Ag Field SE	CL	43	7.6	1.18	3.2	3.9	4.8		2.4		+		2.5	15	5	190		0.9	9.9	30.3	2.4	1.91
10	Ag Field W	L	36	7.9	0.59	1.4	2.3	2.4		1.4		++		1.7	1	4	133		2.0	6.8	29.6	1.8	1.21

Grain Soil	"Texture"	"Acidity"	Total Salts	Calcium	Magnesium	Sodium	Chloride	"Alkali"	Gyp Req	Lime Pres	Lime Req.	Boron	Nitrate-N*	Phosphate-P*	Potassium*	Zinc*	Mang.	Iron	Copper
V. Low	Sand<20	< 6.5	< 0.5	< 4	-	-	-	-		-		<0.2	< 5	< 9	<90	<0.8	< 0.8	< 3.0	< 0.1
Normal	25-45	6.7-8.2	0.6-2.5	5-14	-	< 8	< 10	< 10		++		0.3-1.5	8-30	10-30	100-350	1.0-2.5	1.0 +	4.0+	0.2+
High	Clay>55	8.5+	3.5**	30+	-	12+	18 +	15+		++++		2.0+	50+	50+	500+	3.0+			

*Tissue analysis is advised to track nutrient use during the season. High & Sl High may indicate non-economic applications or toxic levels..

** = EC up to 4.0 not a problem if primarily calcium

Sodium should not be significantly higher than calcium.

*** = High & Low color levels may differ based on consultant interpretation of the situation, including crop age, soil type, weather, irrigation system, etc.

Black = Normal	***
Red = High	Green = Low
Purple = Sl. High	Blue = V. Low

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Report of Soil Analysis

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ID: Open (Int-Tomato, Wheat)

Lab No. 251039
Sampled Date 3/15/2017
Submitted Date 3/16/2017
Submitted by Jess Zielinski
Reported Date 3/23/2017
Location/Project CEMEX, Cache Creek
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Fax
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No.	Description	--- Ammonium Acetate --- Extractable Cations mg/kg Ca	mg/kg Mg	mg/kg Na	--- Ammonium Acetate --- Extractable Cations meq/100g Ca	meq/100g Mg	meq/100g Na	--- Extractable Cations of Estimated CEC % K	% Ca	% Mg	% Na	Estimated meq/100g CEC	Ca/Mg Ratio	K/Mg Ratio
	RL--->	1.0	6.5	5.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
	NAPT Methods--->	S5.10	S5.10	S5.10	Calc.	Calc.	Calc.	Calc.	Calc.	Calc.	Calc.	Calc.	Calc.	Calc.
	Handbook 60--->													
1	CC OB1 East	3490	844	27.8	17.4	6.9	0.1	1.5	70.1	27.9	0.5	24.9	2.5	<0.1
2	CC OB1 West	3480	776	24.8	17.4	6.4	0.1	1.5	71.7	26.4	0.4	24.2	2.7	<0.1
3	CC OB2 East	3800	1350	83.6	19.0	11.1	0.4	1.2	61.5	36.1	1.2	30.9	1.7	<0.1
4	CC OB2 West	2980	958	35.8	14.9	7.9	0.2	1.7	63.8	33.8	0.7	23.3	1.9	<0.1
5	CC OB3 East	3330	1030	140	16.6	8.5	0.6	1.1	63.8	32.7	2.3	26.0	2.0	<0.1
6	CC OB3 West	2570	789	116	12.8	6.5	0.5	1.0	64.1	32.4	2.5	20.0	2.0	<0.1
7	CC OB4	3750	770	50.2	18.7	6.3	0.2	1.4	73.0	24.7	0.9	25.6	3.0	<0.1
8	Ag Field NE	4070	1560	194	20.3	12.8	0.8	1.4	59.0	37.2	2.5	34.4	1.6	<0.1
9	Ag Field SE	3470	1420	189	17.3	11.7	0.8	1.6	57.1	38.6	2.7	30.3	1.5	<0.1
10	Ag Field W	3480	1240	105	17.4	10.2	0.5	1.2	61.2	36.0	1.6	28.4	1.7	<0.1

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ID: Open (Int-Tomato, Wheat)

Lab No.
Sampled Date
Submitted Date
Submitted by
Reported Date
Location/Project
Copy To
Fax
E-mail

No.	Description	% Sand	% Silt	% Clay	Textural Class	
	RL--->	0.1	0.1	0.1		
	NAPT Methods--->	S14.10	S14.10	S14.10	S14.10	
	Handbook 60--->					
1	CC OB1 East	45	36	19	Loam	L
2	CC OB1 West	47	35	18	Loam	L
3	CC OB2 East	25	50	25	Silt Loam/Loam	SiL
4	CC OB2 West	43	35	22	Loam	L
5	CC OB3 East	51	27	22	Sandy Clay Loam	SCL
6	CC OB3 West	65	17	18	Sandy Loam	SL
7	CC OB4	40	39	21	Loam	L
8	Ag Field NE	21	43	36	Clay Loam	CL
9	Ag Field SE	22	42	36	Clay Loam	CL
10	Ag Field W	43	32	25	Loam	L

Environmental Micro Analysis, Inc. ISO 17025 accreditation
460 N East Street ELAP Certificate #2819
Woodland, CA 95776

Phone: (530) 666-6890 Fax: (530) 666-2987
e-mail: emalab@emalab.com website: www.emalab.com

Analytical Report

March 30, 2017

Client:

Dellavalle Laboratory, Inc.
1910 W. McKinley, Suite #110
Fresno , CA 93728

Phone: (559) 233-6129
Fax: (559) 268-8174
Email: sendoutresults@dellavallelab.com

Project No:

PO No: 42446

Client Sample ID: 250992-1
CC 0B1 East

EMA Sample No: 17031518-01

Date Received: 3/15/2017

Sample Matrix: Soil

Analytical Method: EPA 8141A (s) (OP's)

Extraction Method: EPA 3550

Date Extracted: 3/23/2017

Date Completed: 3/23/2017

Analyte	Amount	RL ppm	Tolerance ppm
Azinphos-methyl	ND	0.050	
Bolstar	ND	0.050	
Bensulide	ND	0.050	
Carbofenothion	ND	0.200	
Chlorfenvinphos	ND	0.050	
Chlorpyrifos	ND	0.030	
Chlorpyrifos-methyl	ND	0.030	
Ciodrin	ND	0.050	
Coumaphos	ND	0.150	
DEF	ND	0.050	
Demeton (Systox) O/S Analogues	ND	0.050	
Diazinon	ND	0.050	
Dibrom	ND	0.050	
Dicrotophos	ND	0.050	
Dimethoate	ND	0.050	
Disulfoton	ND	0.030	
EPN	ND	0.100	
Ethion	ND	0.050	
Ethoprop	ND	0.050	
Fenamiphos	ND	0.050	
Fenitrothion	ND	0.050	
Fenthion	ND	0.050	
Fonofos	ND	0.050	
Imidan	ND	0.050	
Isofenphos	ND	0.050	
Malathion	ND	0.050	
Methidathion	ND	0.050	
Methyl Parathion	ND	0.050	
Mevinphos	ND	0.050	
Parathion	ND	0.050	
Phorate	ND	0.050	
Phosalone	ND	0.150	
Phosphamidon	ND	0.100	
Pyrimiphos-methyl	ND	0.050	
Profenofos	ND	0.100	
Propetamphos	ND	0.050	
Ronnel	ND	0.050	
Tetrachlorvinphos	ND	0.050	
Thionazin	ND	0.050	

Comments:

R = Reported on another Screen
ND = None Detected at the Reporting Limit (RL)
Tolerance data taken from 40 CFR § 180 and/or MRLdatabase.com. Environmental Micro Analysis, Inc. makes no claims as to the accuracy of tolerance numbers.
Excess sample and extracts are stored for a minimum of 30 days from the date of analytical report. Special storage arrangements possible.
Results relate only to items tested.
Samples are analyzed as received.

To see the scope of our ISO 17025 accreditation go to http://emalab.com/ISO17025.pdf

Date: 03/30/17 Reviewed by: Donald a. Peterson Don Peterson, Laboratory Director

Environmental Micro Analysis, Inc.
460 N East Street
Woodland, CA 95776

ISO 17025 accreditation
ELAP Certificate #2819

Phone: (530) 666-6890 Fax: (530) 666-2987
e-mail: emalab@emalab.com website: www.emalab.com

Analytical Report

March 30, 2017

Client:

Dellavalle Laboratory, Inc.
1910 W. McKinley, Suite #110
Fresno , CA 93728

Phone: (559) 233-6129
Fax: (559) 268-8174
Email: sendoutresults@dellavallelab.com

Project No:

PO No: 42446

Client Sample ID: 250992-1
CC 0B1 East

EMA Sample No: 17031518-01

Date Received: 3/15/2017

Sample Matrix: Soil

Analytical Method: EPA 8141A (s) (ON's)

Extraction Method: EPA 3550

Date Extracted: 3/23/2017

Date Completed: 3/23/2017

Analyte	Amount	RL ppm	Tolerance ppm
Acetamiprid	ND	0.200	
Ametryn	ND	0.100	
Atrazine	ND	0.050	
Azoxystrobin	ND	0.050	
Benthiocarb	ND	0.200	
Cyanazine	ND	0.050	
Cyprodinil	ND	0.050	
DiphenylAmine	ND	0.200	
Hexazinone	ND	0.100	
Imazalil	ND	0.200	
Metalaxyl	ND	0.200	
Metolachlor	ND	0.100	
Metribuzin	ND	0.100	
Molinate	ND	0.100	
Myclobutanil	ND	0.050	
Prometon	ND	0.050	
Prometryne	ND	0.050	
Pymetrozine	ND	0.050	
Pyraclostrobin	ND	0.050	
Simazine	ND	0.050	
Tebuconazole	ND	0.050	
Terbacil	ND	0.500	
Thiabendazole	ND	0.100	

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e-mail: emalab@emalab.com website: www.emalab.com

Analytical Report

March 30, 2017

Client:

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1910 W. McKinley, Suite #110
Fresno , CA 93728

Phone: (559) 233-6129
Fax: (559) 268-8174
Email: sendoutresults@dellavallelab.com

Project No:

PO No: 42446

Client Sample ID: 250992-1
CC 0B1 East

EMA Sample No: 17031518-01

Date Received: 3/15/2017

Sample Matrix: Soil

Analytical Method: EPA 8151A (s)

Extraction Method: EPA 8151A

Date Extracted: 3/23/2017

Date Completed: 3/29/2017

Analyte	Amount	RL ppm	Tolerance ppm
2, 4 - D	ND	0.050	
2, 4 -DB	ND	0.050	
2, 4, 5 - T	ND	0.050	
2, 4, 5 -TP	ND	0.050	
Dicamba	ND	0.050	
Dichloroprop	ND	0.050	
Dinoseb	ND	0.050	

Comments:

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1910 W. McKinley, Suite #110
Fresno , CA 93728

Phone: (559) 233-6129
Fax: (559) 268-8174
Email: sendoutresults@dellavallelab.com

Project No:

PO No: 42446

Client Sample ID: 250992-2
CC 0B1 West

EMA Sample No: 17031518-02

Date Received: 3/15/2017

Sample Matrix: Soil

Analytical Method: EPA 8141A (s) (OP's)

Extraction Method: EPA 3550

Date Extracted: 3/23/2017

Date Completed: 3/23/2017

Analyte	Amount	RL ppm	Tolerance ppm
Azinphos-methyl	ND	0.050	
Bolstar	ND	0.050	
Bensulide	ND	0.050	
Carbofenothion	ND	0.200	
Chlorfenvinphos	ND	0.050	
Chlorpyrifos	ND	0.030	
Chlorpyrifos-methyl	ND	0.030	
Ciodrin	ND	0.050	
Coumaphos	ND	0.150	
DEF	ND	0.050	
Demeton (Systox) O/S Analogues	ND	0.050	
Diazinon	ND	0.050	
Dibrom	ND	0.050	
Dicrotophos	ND	0.050	
Dimethoate	ND	0.050	
Disulfoton	ND	0.030	
EPN	ND	0.100	
Ethion	ND	0.050	
Ethoprop	ND	0.050	
Fenamiphos	ND	0.050	
Fenitrothion	ND	0.050	
Fenthion	ND	0.050	
Fonofos	ND	0.050	
Imidan	ND	0.050	
Isofenphos	ND	0.050	
Malathion	ND	0.050	
Methidathion	ND	0.050	
Methyl Parathion	ND	0.050	
Mevinphos	ND	0.050	
Parathion	ND	0.050	
Phorate	ND	0.050	
Phosalone	ND	0.150	
Phosphamidon	ND	0.100	
Pyrimiphos-methyl	ND	0.050	
Profenofos	ND	0.100	
Propetamphos	ND	0.050	
Ronnel	ND	0.050	
Tetrachlorvinphos	ND	0.050	
Thionazin	ND	0.050	

Comments:

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Date: 03/30/17 Reviewed by: Donald a. Peterson Don Peterson, Laboratory Director

Environmental Micro Analysis, Inc.
460 N East Street
Woodland, CA 95776

ISO 17025 accreditation
ELAP Certificate #2819

Phone: (530) 666-6890 Fax: (530) 666-2987
e-mail: emalab@emalab.com website: www.emalab.com

Analytical Report

March 30, 2017

Client:

Dellavalle Laboratory, Inc.
1910 W. McKinley, Suite #110
Fresno , CA 93728

Phone: (559) 233-6129
Fax: (559) 268-8174
Email: sendoutresults@dellavallelab.com

Project No:

PO No: 42446

Client Sample ID: 250992-2
CC 0B1 West

EMA Sample No: 17031518-02

Date Received: 3/15/2017

Sample Matrix: Soil

Analytical Method: EPA 8141A (s) (ON's)

Extraction Method: EPA 3550

Date Extracted: 3/23/2017

Date Completed: 3/23/2017

Analyte	Amount	RL ppm	Tolerance ppm
Acetamiprid	ND	0.200	
Ametryn	ND	0.100	
Atrazine	ND	0.050	
Azoxystrobin	ND	0.050	
Benthiocarb	ND	0.200	
Cyanazine	ND	0.050	
Cyprodinil	ND	0.050	
DiphenylAmine	ND	0.200	
Hexazinone	ND	0.100	
Imazalil	ND	0.200	
Metalaxyl	ND	0.200	
Metolachlor	ND	0.100	
Metribuzin	ND	0.100	
Molinate	ND	0.100	
Myclobutanil	ND	0.050	
Prometon	ND	0.050	
Prometryne	ND	0.050	
Pymetrozine	ND	0.050	
Pyraclostrobin	ND	0.050	
Simazine	ND	0.050	
Tebuconazole	ND	0.050	
Terbacil	ND	0.500	
Thiabendazole	ND	0.100	

Comments:

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460 N East Street
Woodland, CA 95776

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Phone: (530) 666-6890 Fax: (530) 666-2987
e-mail: emalab@emalab.com website: www.emalab.com

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1910 W. McKinley, Suite #110
Fresno , CA 93728

Phone: (559) 233-6129
Fax: (559) 268-8174
Email: sendoutresults@dellavallelab.com

Project No:

PO No: 42446

Client Sample ID: 250992-2
CC 0B1 West

EMA Sample No: 17031518-02

Date Received: 3/15/2017

Sample Matrix: Soil

Analytical Method: EPA 8151A (s)

Extraction Method: EPA 8151A

Date Extracted: 3/23/2017

Date Completed: 3/29/2017

Analyte	Amount	RL ppm	Tolerance ppm
2, 4 - D	ND	0.050	
2, 4 -DB	ND	0.050	
2, 4, 5 - T	ND	0.050	
2, 4, 5 -TP	ND	0.050	
Dicamba	ND	0.050	
Dichloroprop	ND	0.050	
Dinoseb	ND	0.050	

Comments:

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Woodland, CA 95776

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e-mail: emalab@emalab.com website: www.emalab.com

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Dellavalle Laboratory, Inc.
1910 W. McKinley, Suite #110
Fresno , CA 93728

Phone: (559) 233-6129
Fax: (559) 268-8174
Email: sendoutresults@dellavallelab.com

Project No:

PO No: 42446

Client Sample ID: 250992-3
CC 0B2 East

EMA Sample No: 17031518-03

Date Received: 3/15/2017

Sample Matrix: Soil

Analytical Method: EPA 8141A (s) (OP's)

Extraction Method: EPA 3550

Date Extracted: 3/23/2017

Date Completed: 3/23/2017

Analyte	Amount	RL ppm	Tolerance ppm
Azinphos-methyl	ND	0.050	
Bolstar	ND	0.050	
Bensulide	ND	0.050	
Carbofenothion	ND	0.200	
Chlorfenvinphos	ND	0.050	
Chlorpyrifos	ND	0.030	
Chlorpyrifos-methyl	ND	0.030	
Ciodrin	ND	0.050	
Coumaphos	ND	0.150	
DEF	ND	0.050	
Demeton (Systox) O/S Analogues	ND	0.050	
Diazinon	ND	0.050	
Dibrom	ND	0.050	
Dicrotophos	ND	0.050	
Dimethoate	ND	0.050	
Disulfoton	ND	0.030	
EPN	ND	0.100	
Ethion	ND	0.050	
Ethoprop	ND	0.050	
Fenamiphos	ND	0.050	
Fenitrothion	ND	0.050	
Fenthion	ND	0.050	
Fonofos	ND	0.050	
Imidan	ND	0.050	
Isofenphos	ND	0.050	
Malathion	ND	0.050	
Methidathion	ND	0.050	
Methyl Parathion	ND	0.050	
Mevinphos	ND	0.050	
Parathion	ND	0.050	
Phorate	ND	0.050	
Phosalone	ND	0.150	
Phosphamidon	ND	0.100	
Pyrimiphos-methyl	ND	0.050	
Profenofos	ND	0.100	
Propetamphos	ND	0.050	
Ronnel	ND	0.050	
Tetrachlorvinphos	ND	0.050	
Thionazin	ND	0.050	

Comments:

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Environmental Micro Analysis, Inc.
460 N East Street
Woodland, CA 95776

ISO 17025 accreditation
ELAP Certificate #2819

Phone: (530) 666-6890 Fax: (530) 666-2987
e-mail: emalab@emalab.com website: www.emalab.com

Analytical Report

March 30, 2017

Client:

Dellavalle Laboratory, Inc.
1910 W. McKinley, Suite #110
Fresno , CA 93728

Phone: (559) 233-6129
Fax: (559) 268-8174
Email: sendoutresults@dellavallelab.com

Project No:

PO No: 42446

Client Sample ID: 250992-3
CC 0B2 East

EMA Sample No: 17031518-03

Date Received: 3/15/2017

Sample Matrix: Soil

Analytical Method: EPA 8141A (s) (ON's)

Extraction Method: EPA 3550

Date Extracted: 3/23/2017

Date Completed: 3/23/2017

Analyte	Amount	RL ppm	Tolerance ppm
Acetamiprid	ND	0.200	
Ametryn	ND	0.100	
Atrazine	ND	0.050	
Azoxystrobin	ND	0.050	
Benthiocarb	ND	0.200	
Cyanazine	ND	0.050	
Cyprodinil	ND	0.050	
DiphenylAmine	ND	0.200	
Hexazinone	ND	0.100	
Imazalil	ND	0.200	
Metalaxyl	ND	0.200	
Metolachlor	ND	0.100	
Metribuzin	ND	0.100	
Molinate	ND	0.100	
Myclobutanil	ND	0.050	
Prometon	ND	0.050	
Prometryne	ND	0.050	
Pymetrozine	ND	0.050	
Pyraclostrobin	ND	0.050	
Simazine	ND	0.050	
Tebuconazole	ND	0.050	
Terbacil	ND	0.500	
Thiabendazole	ND	0.100	

Comments:

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460 N East Street
Woodland, CA 95776

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Phone: (530) 666-6890 Fax: (530) 666-2987
e-mail: emalab@emalab.com website: www.emalab.com

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Fresno , CA 93728

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Fax: (559) 268-8174
Email: sendoutresults@dellavallelab.com

Project No:

PO No: 42446

Client Sample ID: 250992-3
CC 0B2 East

EMA Sample No: 17031518-03

Date Received: 3/15/2017

Sample Matrix: Soil

Analytical Method: EPA 8151A (s)

Extraction Method: EPA 8151A

Date Extracted: 3/23/2017

Date Completed: 3/29/2017

Analyte	Amount	RL ppm	Tolerance ppm
2, 4 - D	ND	0.050	
2, 4 -DB	ND	0.050	
2, 4, 5 - T	ND	0.050	
2, 4, 5 -TP	ND	0.050	
Dicamba	ND	0.050	
Dichloroprop	ND	0.050	
Dinoseb	ND	0.050	

Comments:

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1910 W. McKinley, Suite #110
Fresno , CA 93728

Phone: (559) 233-6129
Fax: (559) 268-8174
Email: sendoutresults@dellavallelab.com

Project No:

PO No: 42446

Client Sample ID: 250992-4
CC 0B2 West

EMA Sample No: 17031518-04

Date Received: 3/15/2017

Sample Matrix: Soil

Analytical Method: EPA 8141A (s) (OP's)

Extraction Method: EPA 3550

Date Extracted: 3/23/2017

Date Completed: 3/23/2017

Analyte	Amount	RL ppm	Tolerance ppm
Azinphos-methyl	ND	0.050	
Bolstar	ND	0.050	
Bensulide	ND	0.050	
Carbofenothion	ND	0.200	
Chlorfenvinphos	ND	0.050	
Chlorpyrifos	ND	0.030	
Chlorpyrifos-methyl	ND	0.030	
Ciodrin	ND	0.050	
Coumaphos	ND	0.150	
DEF	ND	0.050	
Demeton (Systox) O/S Analogues	ND	0.050	
Diazinon	ND	0.050	
Dibrom	ND	0.050	
Dicrotophos	ND	0.050	
Dimethoate	ND	0.050	
Disulfoton	ND	0.030	
EPN	ND	0.100	
Ethion	ND	0.050	
Ethoprop	ND	0.050	
Fenamiphos	ND	0.050	
Fenitrothion	ND	0.050	
Fenthion	ND	0.050	
Fonofos	ND	0.050	
Imidan	ND	0.050	
Isofenphos	ND	0.050	
Malathion	ND	0.050	
Methidathion	ND	0.050	
Methyl Parathion	ND	0.050	
Mevinphos	ND	0.050	
Parathion	ND	0.050	
Phorate	ND	0.050	
Phosalone	ND	0.150	
Phosphamidon	ND	0.100	
Pyrimiphos-methyl	ND	0.050	
Profenofos	ND	0.100	
Propetamphos	ND	0.050	
Ronnel	ND	0.050	
Tetrachlorvinphos	ND	0.050	
Thionazin	ND	0.050	

Comments:

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Environmental Micro Analysis, Inc.
460 N East Street
Woodland, CA 95776

ISO 17025 accreditation
ELAP Certificate #2819

Phone: (530) 666-6890 Fax: (530) 666-2987
e-mail: emalab@emalab.com website: www.emalab.com

Analytical Report

March 30, 2017

Client:

Dellavalle Laboratory, Inc.
1910 W. McKinley, Suite #110
Fresno , CA 93728

Phone: (559) 233-6129
Fax: (559) 268-8174
Email: sendoutresults@dellavallelab.com

Project No:

PO No: 42446

Client Sample ID: 250992-4
CC 0B2 West

EMA Sample No: 17031518-04

Date Received: 3/15/2017

Sample Matrix: Soil

Analytical Method: EPA 8141A (s) (ON's)

Extraction Method: EPA 3550

Date Extracted: 3/23/2017

Date Completed: 3/23/2017

Analyte	Amount	RL ppm	Tolerance ppm
Acetamiprid	ND	0.200	
Ametryn	ND	0.100	
Atrazine	ND	0.050	
Azoxystrobin	ND	0.050	
Benthiocarb	ND	0.200	
Cyanazine	ND	0.050	
Cyprodinil	ND	0.050	
DiphenylAmine	ND	0.200	
Hexazinone	ND	0.100	
Imazalil	ND	0.200	
Metalaxyl	ND	0.200	
Metolachlor	ND	0.100	
Metribuzin	ND	0.100	
Molinate	ND	0.100	
Myclobutanil	ND	0.050	
Prometon	ND	0.050	
Prometryne	ND	0.050	
Pymetrozine	ND	0.050	
Pyraclostrobin	ND	0.050	
Simazine	ND	0.050	
Tebuconazole	ND	0.050	
Terbacil	ND	0.500	
Thiabendazole	ND	0.100	

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e-mail: emalab@emalab.com website: www.emalab.com

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1910 W. McKinley, Suite #110
Fresno , CA 93728

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Fax: (559) 268-8174
Email: sendoutresults@dellavallelab.com

Project No:

PO No: 42446

Client Sample ID: 250992-4
CC 0B2 West

EMA Sample No: 17031518-04

Date Received: 3/15/2017

Sample Matrix: Soil

Analytical Method: EPA 8151A (s)

Extraction Method: EPA 8151A

Date Extracted: 3/23/2017

Date Completed: 3/29/2017

Analyte	Amount	RL ppm	Tolerance ppm
2, 4 - D	ND	0.050	
2, 4 -DB	ND	0.050	
2, 4, 5 - T	ND	0.050	
2, 4, 5 -TP	ND	0.050	
Dicamba	ND	0.050	
Dichloroprop	ND	0.050	
Dinoseb	ND	0.050	

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1910 W. McKinley, Suite #110
Fresno , CA 93728

Phone: (559) 233-6129
Fax: (559) 268-8174
Email: sendoutresults@dellavallelab.com

Project No:

PO No: 42446

Client Sample ID: 250992-5
CC 0B3 East

EMA Sample No: 17031518-05

Date Received: 3/15/2017

Sample Matrix: Soil

Analytical Method: EPA 8141A (s) (OP's)

Extraction Method: EPA 3550

Date Extracted: 3/23/2017

Date Completed: 3/23/2017

Analyte	Amount	RL ppm	Tolerance ppm
Azinphos-methyl	ND	0.050	
Bolstar	ND	0.050	
Bensulide	ND	0.050	
Carbofenothion	ND	0.200	
Chlorfenvinphos	ND	0.050	
Chlorpyrifos	ND	0.030	
Chlorpyrifos-methyl	ND	0.030	
Ciodrin	ND	0.050	
Coumaphos	ND	0.150	
DEF	ND	0.050	
Demeton (Systox) O/S Analogues	ND	0.050	
Diazinon	ND	0.050	
Dibrom	ND	0.050	
Dicrotophos	ND	0.050	
Dimethoate	ND	0.050	
Disulfoton	ND	0.030	
EPN	ND	0.100	
Ethion	ND	0.050	
Ethoprop	ND	0.050	
Fenamiphos	ND	0.050	
Fenitrothion	ND	0.050	
Fenthion	ND	0.050	
Fonofos	ND	0.050	
Imidan	ND	0.050	
Isofenphos	ND	0.050	
Malathion	ND	0.050	
Methidathion	ND	0.050	
Methyl Parathion	ND	0.050	
Mevinphos	ND	0.050	
Parathion	ND	0.050	
Phorate	ND	0.050	
Phosalone	ND	0.150	
Phosphamidon	ND	0.100	
Pyrimiphos-methyl	ND	0.050	
Profenofos	ND	0.100	
Propetamphos	ND	0.050	
Ronnel	ND	0.050	
Tetrachlorvinphos	ND	0.050	
Thionazin	ND	0.050	

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460 N East Street
Woodland, CA 95776

ISO 17025 accreditation
ELAP Certificate #2819

Phone: (530) 666-6890 Fax: (530) 666-2987
e-mail: emalab@emalab.com website: www.emalab.com

Analytical Report

March 30, 2017

Client:

Dellavalle Laboratory, Inc.
1910 W. McKinley, Suite #110
Fresno , CA 93728

Phone: (559) 233-6129
Fax: (559) 268-8174
Email: sendoutresults@dellavallelab.com

Project No:

PO No: 42446

Client Sample ID: 250992-5
CC 0B3 East

EMA Sample No: 17031518-05

Date Received: 3/15/2017

Sample Matrix: Soil

Analytical Method: EPA 8141A (s) (ON's)

Extraction Method: EPA 3550

Date Extracted: 3/23/2017

Date Completed: 3/23/2017

Analyte	Amount	RL ppm	Tolerance ppm
Acetamiprid	ND	0.200	
Ametryn	ND	0.100	
Atrazine	ND	0.050	
Azoxystrobin	ND	0.050	
Benthiocarb	ND	0.200	
Cyanazine	ND	0.050	
Cyprodinil	ND	0.050	
DiphenylAmine	ND	0.200	
Hexazinone	ND	0.100	
Imazalil	ND	0.200	
Metalaxyl	ND	0.200	
Metolachlor	ND	0.100	
Metribuzin	ND	0.100	
Molinate	ND	0.100	
Myclobutanil	ND	0.050	
Prometon	ND	0.050	
Prometryne	ND	0.050	
Pymetrozine	ND	0.050	
Pyraclostrobin	ND	0.050	
Simazine	ND	0.050	
Tebuconazole	ND	0.050	
Terbacil	ND	0.500	
Thiabendazole	ND	0.100	

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ISO 17025 accreditation
ELAP Certificate #2819

Phone: (530) 666-6890 Fax: (530) 666-2987
e-mail: emalab@emalab.com website: www.emalab.com

Analytical Report

March 30, 2017

Client:

Dellavalle Laboratory, Inc.
1910 W. McKinley, Suite #110
Fresno , CA 93728

Phone: (559) 233-6129
Fax: (559) 268-8174
Email: sendoutresults@dellavallelab.com

Project No:

PO No: 42446

Client Sample ID: 250992-5
CC 0B3 East

EMA Sample No: 17031518-05

Date Received: 3/15/2017

Sample Matrix: Soil

Analytical Method: EPA 8151A (s)

Extraction Method: EPA 8151A

Date Extracted: 3/23/2017

Date Completed: 3/29/2017

Analyte	Amount	RL ppm	Tolerance ppm
2, 4 - D	ND	0.050	
2, 4 -DB	ND	0.050	
2, 4, 5 - T	ND	0.050	
2, 4, 5 -TP	ND	0.050	
Dicamba	ND	0.050	
Dichloroprop	ND	0.050	
Dinoseb	ND	0.050	

Comments:

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Date: 03/30/17 Reviewed by: Donald a. Peterson Don Peterson, Laboratory Director

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Woodland, CA 95776

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Fresno , CA 93728

Phone: (559) 233-6129
Fax: (559) 268-8174
Email: sendoutresults@dellavallelab.com

Project No:

PO No: 42446

Client Sample ID: 250992-6
CC 0B3 West

EMA Sample No: 17031518-06

Date Received: 3/15/2017

Sample Matrix: Soil

Analytical Method: EPA 8141A (s) (OP's)

Extraction Method: EPA 3550

Date Extracted: 3/23/2017

Date Completed: 3/23/2017

Analyte	Amount	RL ppm	Tolerance ppm
Azinphos-methyl	ND	0.050	
Bolstar	ND	0.050	
Bensulide	ND	0.050	
Carbofenothion	ND	0.200	
Chlorfenvinphos	ND	0.050	
Chlorpyrifos	ND	0.030	
Chlorpyrifos-methyl	ND	0.030	
Ciodrin	ND	0.050	
Coumaphos	ND	0.150	
DEF	ND	0.050	
Demeton (Systox) O/S Analogues	ND	0.050	
Diazinon	ND	0.050	
Dibrom	ND	0.050	
Dicrotophos	ND	0.050	
Dimethoate	ND	0.050	
Disulfoton	ND	0.030	
EPN	ND	0.100	
Ethion	ND	0.050	
Ethoprop	ND	0.050	
Fenamiphos	ND	0.050	
Fenitrothion	ND	0.050	
Fenthion	ND	0.050	
Fonofos	ND	0.050	
Imidan	ND	0.050	
Isofenphos	ND	0.050	
Malathion	ND	0.050	
Methidathion	ND	0.050	
Methyl Parathion	ND	0.050	
Mevinphos	ND	0.050	
Parathion	ND	0.050	
Phorate	ND	0.050	
Phosalone	ND	0.150	
Phosphamidon	ND	0.100	
Pyrimiphos-methyl	ND	0.050	
Profenofos	ND	0.100	
Propetamphos	ND	0.050	
Ronnel	ND	0.050	
Tetrachlorvinphos	ND	0.050	
Thionazin	ND	0.050	

Comments:

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Phone: (559) 233-6129
Fax: (559) 268-8174
Email: sendoutresults@dellavallelab.com

Project No:

PO No: 42446

Client Sample ID: 250992-6
CC 0B3 West

EMA Sample No: 17031518-06

Date Received: 3/15/2017

Sample Matrix: Soil

Analytical Method: EPA 8141A (s) (ON's)

Extraction Method: EPA 3550

Date Extracted: 3/23/2017

Date Completed: 3/23/2017

Analyte	Amount	RL ppm	Tolerance ppm
Acetamiprid	ND	0.200	
Ametryn	ND	0.100	
Atrazine	ND	0.050	
Azoxystrobin	ND	0.050	
Benthiocarb	ND	0.200	
Cyanazine	ND	0.050	
Cyprodinil	ND	0.050	
DiphenylAmine	ND	0.200	
Hexazinone	ND	0.100	
Imazalil	ND	0.200	
Metalaxyl	ND	0.200	
Metolachlor	ND	0.100	
Metribuzin	ND	0.100	
Molinate	ND	0.100	
Myclobutanil	ND	0.050	
Prometon	ND	0.050	
Prometryne	ND	0.050	
Pymetrozine	ND	0.050	
Pyraclostrobin	ND	0.050	
Simazine	ND	0.050	
Tebuconazole	ND	0.050	
Terbacil	ND	0.500	
Thiabendazole	ND	0.100	

Comments:

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Project No:

PO No: 42446

Client Sample ID: 250992-6
CC 0B3 West

EMA Sample No: 17031518-06

Date Received: 3/15/2017

Sample Matrix: Soil

Analytical Method: EPA 8151A (s)

Extraction Method: EPA 8151A

Date Extracted: 3/23/2017

Date Completed: 3/29/2017

Analyte	Amount	RL ppm	Tolerance ppm
2, 4 - D	ND	0.050	
2, 4 -DB	ND	0.050	
2, 4, 5 - T	ND	0.050	
2, 4, 5 -TP	ND	0.050	
Dicamba	ND	0.050	
Dichloroprop	ND	0.050	
Dinoseb	ND	0.050	

Comments:

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Phone: (559) 233-6129
Fax: (559) 268-8174
Email: sendoutresults@dellavallelab.com

Project No:

PO No: 42446

Client Sample ID: 250992-7
CC 0B4

EMA Sample No: 17031518-07

Date Received: 3/15/2017

Sample Matrix: Soil

Analytical Method: EPA 8141A (s) (OP's)

Extraction Method: EPA 3550

Date Extracted: 3/23/2017

Date Completed: 3/23/2017

Analyte	Amount	RL ppm	Tolerance ppm
Azinphos-methyl	ND	0.050	
Bolstar	ND	0.050	
Bensulide	ND	0.050	
Carbofenothion	ND	0.200	
Chlorfenvinphos	ND	0.050	
Chlorpyrifos	ND	0.030	
Chlorpyrifos-methyl	ND	0.030	
Ciodrin	ND	0.050	
Coumaphos	ND	0.150	
DEF	ND	0.050	
Demeton (Systox) O/S Analogues	ND	0.050	
Diazinon	ND	0.050	
Dibrom	ND	0.050	
Dicrotophos	ND	0.050	
Dimethoate	ND	0.050	
Disulfoton	ND	0.030	
EPN	ND	0.100	
Ethion	ND	0.050	
Ethoprop	ND	0.050	
Fenamiphos	ND	0.050	
Fenitrothion	ND	0.050	
Fenthion	ND	0.050	
Fonofos	ND	0.050	
Imidan	ND	0.050	
Isofenphos	ND	0.050	
Malathion	ND	0.050	
Methidathion	ND	0.050	
Methyl Parathion	ND	0.050	
Mevinphos	ND	0.050	
Parathion	ND	0.050	
Phorate	ND	0.050	
Phosalone	ND	0.150	
Phosphamidon	ND	0.100	
Pyrimiphos-methyl	ND	0.050	
Profenofos	ND	0.100	
Propetamphos	ND	0.050	
Ronnel	ND	0.050	
Tetrachlorvinphos	ND	0.050	
Thionazin	ND	0.050	

Comments:

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Email: sendoutresults@dellavallelab.com

Project No:

PO No: 42446

Client Sample ID: 250992-7
CC 0B4

EMA Sample No: 17031518-07

Date Received: 3/15/2017

Sample Matrix: Soil

Analytical Method: EPA 8141A (s) (ON's)

Extraction Method: EPA 3550

Date Extracted: 3/23/2017

Date Completed: 3/23/2017

Analyte	Amount	RL ppm	Tolerance ppm
Acetamiprid	ND	0.200	
Ametryn	ND	0.100	
Atrazine	ND	0.050	
Azoxystrobin	ND	0.050	
Benthiocarb	ND	0.200	
Cyanazine	ND	0.050	
Cyprodinil	ND	0.050	
DiphenylAmine	ND	0.200	
Hexazinone	ND	0.100	
Imazalil	ND	0.200	
Metalaxyl	ND	0.200	
Metolachlor	ND	0.100	
Metribuzin	ND	0.100	
Molinate	ND	0.100	
Myclobutanil	ND	0.050	
Prometon	ND	0.050	
Prometryne	ND	0.050	
Pymetrozine	ND	0.050	
Pyraclostrobin	ND	0.050	
Simazine	ND	0.050	
Tebuconazole	ND	0.050	
Terbacil	ND	0.500	
Thiabendazole	ND	0.100	

Comments:

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PO No: 42446

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CC 0B4

EMA Sample No: 17031518-07

Date Received: 3/15/2017

Sample Matrix: Soil

Analytical Method: EPA 8151A (s)

Extraction Method: EPA 8151A

Date Extracted: 3/23/2017

Date Completed: 3/29/2017

Analyte	Amount	RL ppm	Tolerance ppm
2, 4 - D	ND	0.050	
2, 4 -DB	ND	0.050	
2, 4, 5 - T	ND	0.050	
2, 4, 5 -TP	ND	0.050	
Dicamba	ND	0.050	
Dichloroprop	ND	0.050	
Dinoseb	ND	0.050	

Comments:

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