WSLCB NARRATIVE / EVIDENCE REPORT

Washington State Liquor Control Board	TYPE OF REPORT (Select all that apply) ☐ CITATION / NOI ☐ OTHER: ☒ AVN ☐ OBSERVED ☒ REFERRED	INCIDENT/CASE NUMBER

ADDITIONAL ATTACHMENTS: ☐ PHOTOGRAPH(S) ☐ STATEMENT(S)	☒ LICENSEE NOTIFIED: Dax Colwell & Boris Gorodnitsky

EVIDENCE / ATTACHMENTS (TYPE OF ACTION: 1. SEIZED EVIDENCE 2. PHOTGRAPHED 3. STATEMENTS 4. DESTROYED)

ITEM #	DESCRIPTION	QUANTITY	STORAGE LOCATION	ACTION #
#1	NEW LEAF'S INTERNAL PESTICIDE TEST RESULTS	1	ELECTRONIC NOTEBOOK	# 3
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NARRATIVE/STATEMENTS:

On 01-08-2016, at approximately 14:30 hours, Chief Nordhorn, Deputy Chief Johnson and I met with New Leaf Enterprises licensees Dax Colwell, Boris Gorodnitsky, and their attorney, Randall P. Olsen, to discuss unauthorized pesticides issues identified in samples of plants that had been collected on 11-12-2015. The meeting was held at the Liquor and Cannabis Board's headquarters building in Olympia.

During the meeting, the licensees informed us that they had conducted their own, follow-up pesticide screening tests on cured flower that had been produced by plants propagated prior to 11-12-2015. They also said that they retested New Leaf's mother plants. (Plant samples collected on 11-12-2015 pursuant to a complaint investigation had tested positive for three unauthorized pesticides: Dinotefuran (Safari 20), Spiromesifen, and Myclobutanil (Eagle 20).)

Colwell and Gorodnitsky admitted that their tests revealed that the unauthorized pesticides remained on the finished product and mother plants. They also said that they purchased marijuana products at retail stores that had been produced by other marijuana licensed growers. Colwell and Gorodnitsky said that some of these products had also tested positive for residue of unauthorized pesticides. However, Colwell and Gorodnitsky declined to provide the names of these marijuana producers (see attached).

Colwell and Gorodnitsky said that Eagle 20 and Safari 20 are pesticides that they use with their medical cannabis operation. They said that these pesticides are not applied to plants at their licensed grow. The licensees said that the unauthorized pesticides detected in the November 12th samples came from mother plants introduced to their facility during the 15-day window upon licensure.

Colwell and Gorodnitsky said that the mother plants had passed the Eagle 20 and Safari 20 to clones (i.e., cuttings) propagated into plants from them. However, Gorodnitsky said that these original mother plants no longer existed. This generation of mother plants had since been replaced by subsequent generations of mother plants, cloned from the original mother plants. Gorodnitsky said there had been two to four generations of mother plants since New Leaf received a license. New Leaf was licensed as a marijuana producer and processor on 01-08-2015.

"I certify or (declare) under penalty of perjury under the laws of the State of Washington that the foregoing is true and correct to the best of my knowledge."

CITY: Olympia SIGNATURE: _____ DATE: 01/28/2016

OFFICER NAME	NUMBER	AREA	Supervisor approval:	SUPERVISOR
Joshua Bolender	41	7A		Jennifer Dzubay

Summary of Dama's Internal Pesticide Testing

	FDA MRL range for ag. crops (PPM)	*Dama production 1*	*Dama production 2*	*Dama mother*	*Non-Dama 1*	*Non-Dama 2*	*Non-Dama 3*	*Non-Dama 4*
Myclobutanil	0.2 to 2.0	0.023	0.024	0.672	0.636	2.300	0.000	0.072
Dinotefuran	0.1 to 8.0	0.045	0.030	2.560	0.740	0.000	0.000	0.092

Sources for MRL

Myclobutanil http://www.codexalimentarius.net/pestres/data/pesticides/details.html?id=181
Dinotefuran http://www.codexalimentarius.net/pestres/data/pesticides/details.html?id=255

Summary of Dama's Internal Pesticide Testing

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Sources for MRL

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Dinotefuran	http://www.codexalimentarius.net/pestres/data/pesticides/details.html?id=255

Sample Detail - Sample # NML-0020-15-012

Sample Date:	12/30/2015 3:30:00 PM
Sample Description:	Gilmour Professional Hand Sprayer - Empty
Type (soil, water):	Swab
Collected By:	Neil Lanning
Location:	New Leaf Enterprise
GPS Coordinates:	Latitude: 0 Longitude: 0
Rush?	Y
Inv. Comments:	Unknown what sprayer may have contained. Sprayers estimated to be 3 gallon size.
Lab Comments:	
Diagrams:	

Chain of Custody:

Date Transferred	From	To	Method
12/30/2015 8:05:00 PM	Neil Lanning	LCB then to Lab (lab)	Hand-deliver

Sample Transmittal History:

Data Transmitted to Lab	Physical Sample Received at Lab
	1/7/2016

Tests requested:

Test Name
Dinotefuran
Abamectin
Bifenthrin
Chlormequat chloride
Daminozide
DDVP (Dichlorvos)
Imidacloprid
Myclobutanil
Paclobutrazol
Permethrin
Propiconazole
Spinosad
Spiromesifen
Uniconazole

Results:

Test Group: ENV 2015 Carbamate LCMSMS Scan

Test Name	Result	MDL	LOQ	Units	Notes
Abamectin	ND	0.35	1.1	ug	
Dinotefuran	ND	0.34	1	ug	
Imidacloprid	ND	0.69	2.1	ug	
Spinosyn A	ND	0.45	1.4	ug	
Spinosyn D	ND	0.07	0.21	ug	
Spiromesifen	5.8	0.34	1	ug	

Test Group: ENV 2015 Organic Nitro LCMSMS Screen

Test Name	Result	MDL	LOQ	Units	Notes
Myclobutanil	10	0.34	1	ug	
Paclobutrazol	ND	0.086	2.6	ug	
Propiconazole	ND	0.72	2.2	ug	

Test Group: ENV 2015 Organochlorine Pesticide Screen

Test Name	Result	MDL	LOQ	Units	Notes
Bifenthrin	ND	0.21	0.63	ug	
cis_Permethrin	ND	0.29	0.87	ug	
trans_Permethrin	ND	0.26	0.78	ug	

Test Group: ENV 2015 Organophosate Pesticide Screen

Test Name	Result	MDL	LOQ	Units	Notes
DDVP	ND	4.2	12	ug	

Key to Units of Measure:
ND = None Detected
MDL = Minimum Detection Limit
ppm = Parts Per Million
ug = micrograms
ug/ml = micrograms per milliliter

Sample Detail - Sample # NML-0020-15-013

Sample Date:	12/30/2015 3:30:00 PM
Sample Description:	Power Sprayer - estimated to be 20 gallon
Type (soil, water):	Swab
Collected By:	Neil Lanning
Location:	New Leaf Enterprise
GPS Coordinates:	Latitude: 0 Longitude: 0
Rush?	Y
Inv. Comments:	Unknown what sprayer last was used for - maybe Azamax. Note even though sample jar has scribbled out writing on the lid the bottle had not been opened until this sample was collected. It was written on for a sample the we decided not to collect.
Lab Comments:	
Diagrams:	

Chain of Custody:

Date Transferred	From	To	Method
12/30/2015 8:05:00 PM	Neil Lanning	LCB then to Lab (lab)	Hand-deliver

Sample Transmittal History:

Data Transmitted to Lab	Physical Sample Received at Lab
	1/7/2016

Tests requested:

Test Name
Dinotefuran
Abamectin
Bifenthrin
Chlormequat chloride
Daminozide
DDVP (Dichlorvos)
Imidacloprid
Myclobutanil
Paclobutrazol
Permethrin
Propiconazole
Spinosad
Spiromesifen
Uniconazole

Results:

Test Group: ENV 2015 Carbamate LCMSMS Scan

Test Name	Result	MDL	LOQ	Units	Notes
Abamectin	ND	0.35	1.1	ug	
Dinotefuran	ND	0.34	1	ug	
Imidacloprid	ND	0.69	2.1	ug	
Spinosyn A	ND	0.45	1.4	ug	
Spinosyn D	ND	0.07	0.21	ug	
Spiromesifen	180	0.34	1	ug	

Test Group: ENV 2015 Organic Nitro LCMSMS Screen

Test Name	Result	MDL	LOQ	Units	Notes
Myclobutanil	Q	0.34	1	ug	
Paclobutrazol	ND	0.086	2.6	ug	
Propiconazole	ND	0.72	2.2	ug	

Test Group: ENV 2015 Organochlorine Pesticide Screen

Test Name	Result	MDL	LOQ	Units	Notes
Bifenthrin	ND	0.21	0.63	ug	
cis_Permethrin	ND	0.29	0.87	ug	
trans_Permethrin	ND	0.26	0.78	ug	

Test Group: ENV 2015 Organophosate Pesticide Screen

Test Name	Result	MDL	LOQ	Units	Notes
DDVP	ND	4.2	12	ug	

Foliage from Mother Plants in Veg Room

TRACE ANALYTICS

908 N Howard Street, Suite 101
Spokane, WA 99201
509-284-7522

Unique ID: NML-0020-15-005 **Specimen Type**: Flower **Date Received**: 1/6/16

Lab ID: FL16-0009 **Client**: WSLCB **Date of Report**: 1/19/16

Analysis Summary:

TRACE ANALYTICS

Cannabis samples were homogenized, and extracted using a modified QuEChERS AOAC protocol. The supernatant was injected for LCMS-MS analysis. Detection was carried out using a Shimadzu LCMS-8050 triple quadrupole mass spectrometer with a Shimadzu Prominence HPLC.
Approximately 200 analytes were measured with over 500 MRM transitions per run.

Detailed Report:

Pesticide Testing Results:

Pesticide	Concentration (ppb)	
Dinotefuran	1197	1.197
Boscalid	5788	5.788
Fludioxonil	12.4	0.0124
Myclobutanil	79	0.079

Sara L Minier

Sara Minier, MS
Senior Scientist

Jeffrey A. Corkill

Jeff Corkill, PhD
Scientific Director

Foliage from Veg Room – All plants sampled were started after 11/12/15

TRACE ANALYTICS
908 N Howard Street, Suite 101
Spokane, WA 99201
509-284-7522

Unique ID: NML-0020-15-004 **Specimen Type**: Flower **Date Received**: 1/6/16

Lab ID: FL16-0008 **Client**: WSLCB **Date of Report**: 1/19/16

Analysis Summary:

TRACE ANALYTICS

Cannabis samples were homogenized, and extracted using a modified QuEChERS AOAC protocol. The supernatant was injected for LCMS-MS analysis. Detection was carried out using a Shimadzu LCMS-8050 triple quadrupole mass spectrometer with a Shimadzu Prominence HPLC.
Approximately 200 analytes were measured with over 500 MRM transitions per run.

Detailed Report:

Pesticide Testing Results:

Pesticide	Concentration (ppb)	
Boscalid	145	.145
Fludioxonil	1.3	0.0013
Myclobutanil	51	0.051

Sara Minier, MS
Senior Scientist

Jeff Corkill, PhD
Scientific Director

Waste Foliage from all rooms

TRACE ANALYTICS

908 N Howard Street, Suite 101
Spokane, WA 99201
509-284-7522

Unique ID: NML-0020-15-006 **Specimen Type**: Flower **Date Received**: 1/6/16

Lab ID: FL16-0010 **Client**: WSLCB **Date of Report**: 1/19/16

Analysis Summary:

TRACE ANALYTICS

Cannabis samples were homogenized, and extracted using a modified QuEChERS AOAC protocol. The supernatant was injected for LCMS-MS analysis. Detection was carried out using a Shimadzu LCMS-8050 triple quadrupole mass spectrometer with a Shimadzu Prominence HPLC. Approximately 200 analytes were measured with over 500 MRM transitions per run.

Detailed Report:

Pesticide Testing Results:

Pesticide	Concentration (ppb)	
Dinotefuran	13,435	13.435ppm
Boscalid	81,788	81.788 ppm
Pyraclastrobin	399	0.399
Trifloxystrobin	78	0.078
Fludioxonil	417	0.417
Myclobutanil	1212	1.212

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