



TEST RESULTS

Nathan Weathersby
Proventus Farms LLC
Moulton, AL 35650

Project: GroMo
Project Number:
Sample Location:
Sampled By: N. Weathersby
Date/Time Collected: 5/2/17 9:00
Client Sample ID: GroMo

Lab Number: 1701142
Sample Number: 001
Sample Type: Liquid
Date Received: 5/2/17 11:08
Date Reported: 5/15/2017

Parameter	Result	Qual	Units	Report Limit	Date	Method	Analyst
Cyanide, Total	<0.0100		mg/L	0.01	5/11/17 12:53	335.4 (1)	WCC
Mercury, Total	0.00041		mg/L	0.0004	5/9/17 13:49	245.1 (1)	WCC
Arsenic, Total	<0.0100		mg/L	0.01	5/11/17 10:47	200.7 (1)	ALJ
Barium, Total	0.0673		mg/L	0.01	5/11/17 10:48	200.7 (1)	ALJ
Beryllium, Total	<0.0100		mg/L	0.01	5/11/17 10:48	200.7 (1)	ALJ
Cadmium, Total	<0.0100		mg/L	0.01	5/11/17 10:48	200.7 (1)	ALJ
Chromium, Total	<0.0100		mg/L	0.01	5/11/17 10:48	200.7 (1)	ALJ
Selenium, Total	<0.0100		mg/L	0.01	5/11/17 10:48	200.7 (1)	ALJ
Nitrate as N	0.141		mg/L	0.113	5/3/17 17:21	300.0 (1)	AGD
Nitrite as Nitrogen	<0.152		mg/L	0.152	5/3/17 17:21	300.0 (1)	AGD
Lead, Total	0.0140		mg/L	0.01	4/27/17 11:12	200.7 (1)	ALJ

Report Approved By:

Allison Dixon

~METHOD REFERENCES~

- (1) Methods for Chemical Analysis of Water and Wastes, EPA-600/4-79-020, revised March 1993, August 1993, May 1994.
- (2) Standard Methods for the Examination of Water and Waste Water, 18th Edition, 1992.
- (3) Test Methods for Evaluating Solid Wastes Physical Chemical Method SW-846, 3rd Edition, Update IV December 1996.
- (4) HACH Handbook of Water Analysis, HACH Chemical Company, 1979.
- (5) Methods for the Determination of Organic Compounds in Drinking Water, EPA-600/4-88/039, Revised July, 1991, August 1995.

Note: Our lead and copper sampling were conducted in September 2013, with NO sites exceeding the action level. The results and the action levels are shown in the following charts.

Table of Primary Contaminants

At high levels some primary contaminants are known to pose a health risks to humans. This table provides a quick glance of any primary contaminant detections for the year of 2015.

CONTAMINANT	EPA MCL	AMOUNT DETECTED	CONTAMINANT	MCL	AMOUNT DETECTED
Bacteriological			Gamma-BHC	.0002	<.00010
Total Coliform Bacteria	< 5%	0	Glyphosate	.7	<.25
Turbidity	TT	.21	Haloacetic Acids	60	20.683
Radiological			Heptachlor	.0004	<.00010
Beta/Photon emitters (mrem/yr)	4	<2.0	Heptachlor epoxide	.0002	<.00010
Alpha Gross (pci/l)	15	0.4+/-0.5	Hexachlorobenzene	.001	<.000050
Radium 228(pci/l)	5	0.1+/-0.7	Hexachloropentadiene	.05	<.01000
Inorganic			Methoxychlor	.04	<.00200
Antimony (mg/l)	.006	<.005	Oxamyl	.2	<.020
Arsenic (mg/l) <i>tested</i>	.01	<.005	PCBs	.0005	<.00025
Asbestos (MFL)	7	ND	Pentachlorophenol	.001	<.0001
Barium (mg/l) <i>tested</i>	2	<.050	Picloram	.5	<.0020
Beryllium (mg/l) <i>tested</i>	.004	<.001	Simazine	.004	<.0020
Cadmium (mg/l) <i>tested</i>	.005	<.001	Toxaphene	.003	<.00100
Chromium (mg/l) <i>tested</i>	.1	<.050	ITHM	80	16.403
Copper (ppm)	1	<.050	1,2Dibromo-3-chloropane	.0002	<.00001
Cyanide (mg/l) <i>tested</i>	.2	<.010	1,2-Didromoethane	.00005	<.00001
Fluoride (ppm)	4	<.25			
Lead (ppb) <i>tested</i>	.015	<.005			
Mercury (mg/l) <i>tested</i>	2	<.001			
Nickel	.1	<.050			
Nitrate (mg/l) <i>tested</i>	10	3			
Nitrite (mg/l) <i>tested</i>	1	<.10			
Selenium (mg/l) <i>tested</i>	.05	<.010			
Sulfate	500	14.0			
Thallium (mg/l)	.002	<.001			
Synthetic Organic Chemicals					
2,4-D(mg/l)	.07	<.0010			
2,4,5-TP (Silvex)(mg/l)	.05	<.0001			
Alachlor	.002	<.0010			
Atrazine	.003	<.0010			
Benzo(a)pyrene	.0002	<.0001			
Carbofuran	.04	<.020			
Chlordane	0.002	<.00100			
Dalapon	.2	<.00200			
bis-(2-ethylhexyl)adipate	.4	<.0020			
Bis(2-ethylhexyl)phthalates	.006	<.0020			
Dinoseb	.007	<.0020			
Diquat	.02	<.01			
Endothall	.1	<.05			
Endrin	.002	<.00020			

16.50a

45

26.25 ea