

Greene Concepts Inc
1865 Herndon Ave
Suite K-358
Clovis, CA 93611

SUPPLEMENTAL INFORMATION

April 2, 2020

Mammoth Ventures Inc. is a fully owned subsidiary of Greene Concepts Inc.

Mammoth Ventures Inc. d.b.a. Mammoth Nutritionals does hereby through its Board of Directors file and disclose through this Supplemental Information Statement analyses of water samples conducted by Pace Analytical Services LLC. Disclosure of results coincides with commencement of full production of operations.

Dated: April 2, 2020

/s/ Lenny Greene
Lenny Greene, President

October 07, 2019

Private Client
Private Client
Private Client
Asheville, NC 28804

RE: Project: Mammoth Nutritional 9/5
Pace Project No.: 92444287

Dear Private Client:

Enclosed are the analytical results for sample(s) received by the laboratory on September 05, 2019. The results relate only to the samples included in this report. Results reported herein conform to the most current, applicable TNI/NELAC standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

Some analyses have been subcontracted outside of the Pace Network. The subcontracted laboratory report has been attached.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Chris Derouen
christopher.derouen@pacelabs.com
(828)254-7176
Project Manager

Enclosures



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: Mammoth Nutritional 9/5

Pace Project No.: 92444287

Ormond Beach Certification IDs

8 East Tower Circle, Ormond Beach, FL 32174

Alaska DEC- CS/UST/LUST

Alabama Certification #: 41320

Arizona Certification# AZ0819

Colorado Certification: FL NELAC Reciprocity

Connecticut Certification #: PH-0216

Delaware Certification: FL NELAC Reciprocity

Florida Certification #: E83079

Georgia Certification #: 955

Guam Certification: FL NELAC Reciprocity

Hawaii Certification: FL NELAC Reciprocity

Illinois Certification #: 200068

Indiana Certification: FL NELAC Reciprocity

Kansas Certification #: E-10383

Kentucky Certification #: 90050

Louisiana Certification #: FL NELAC Reciprocity

Louisiana Environmental Certificate #: 05007

Maryland Certification: #346

Michigan Certification #: 9911

Mississippi Certification: FL NELAC Reciprocity

Missouri Certification #: 236

Montana Certification #: Cert 0074

Nebraska Certification: NE-OS-28-14

New Hampshire Certification #: 2958

New Jersey Certification #: FL022

New York Certification #: 11608

North Carolina Environmental Certificate #: 667

North Carolina Certification #: 12710

North Dakota Certification #: R-216

Oklahoma Certification #: D9947

Pennsylvania Certification #: 68-00547

Puerto Rico Certification #: FL01264

South Carolina Certification: #96042001

Tennessee Certification #: TN02974

Texas Certification: FL NELAC Reciprocity

US Virgin Islands Certification: FL NELAC Reciprocity

Virginia Environmental Certification #: 460165

West Virginia Certification #: 9962C

Wisconsin Certification #: 399079670

Wyoming (EPA Region 8): FL NELAC Reciprocity

South Florida Certification IDs

3610 Park Central Blvd N, Pompano Beach, FL 33064

Florida Certification #: E86240

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SAMPLE ANALYTE COUNT

Project: Mammoth Nutritional 9/5

Pace Project No.: 92444287

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92444287002	WELL # 2 PSOC	EPA 504.1	MMB	2	PASI-O
		EPA 508.1	LJM	21	PASI-O
		EPA 515.3	JGH	7	PASI-O
		EPA 525.2	TM2	7	PASI-O
		EPA 531.1	KEH	3	PASI-O
92444287003	WELL # 2 VOC	EPA 524.2	JLR	24	PASI-O
92444287004	WELL # 2 NEW WELL ICA	EPA 200.7	LEC	13	PASI-O
		EPA 200.8	FDV	6	PASI-O
		EPA 245.1	NMP	1	PASI-O
		SM 2540C	GDV	1	
		EPA 180.1	CLL	1	PASI-O
		SM2120B-01	CLL	2	PASI-O
		SM 2310B	AGS	1	PASI-O
		SM 2320B	AGS	1	PASI-O
		SM 4500-H+B	AGS	1	PASI-O
		EPA 300.0	JDM	3	PASI-O
		EPA 335.4	MH1	1	PASI-O
		EPA 353.2	KAW	2	PASI-O

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ANALYTICAL RESULTS

Project: Mammoth Nutritional 9/5

Pace Project No.: 92444287

Sample: WELL # 2 PSOC		Lab ID: 92444287002		Collected: 09/05/19 12:15		Received: 09/05/19 13:55		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
504.1 GCS EDB and DBCP		Analytical Method: EPA 504.1 Preparation Method: EPA 504.1							
1,2-Dibromo-3-chloropropane	ND	ug/L	0.020	1	09/12/19 11:19	09/12/19 21:00	96-12-8	Y	
1,2-Dibromoethane (EDB)	ND	ug/L	0.010	1	09/12/19 11:19	09/12/19 21:00	106-93-4	Y	
508.1 GCS Pesticides		Analytical Method: EPA 508.1 Preparation Method: EPA 508.1							
Alachlor	ND	ug/L	0.19	1	09/15/19 09:03	09/17/19 07:47	15972-60-8		
gamma-BHC (Lindane)	ND	ug/L	0.019	1	09/15/19 09:03	09/17/19 07:47	58-89-9		
Chlordane (Technical)	ND	ug/L	0.19	1	09/15/19 09:03	09/17/19 07:47	57-74-9		
Endrin	ND	ug/L	0.0095	1	09/15/19 09:03	09/17/19 07:47	72-20-8		
Heptachlor	ND	ug/L	0.038	1	09/15/19 09:03	09/17/19 07:47	76-44-8		
Heptachlor epoxide	ND	ug/L	0.019	1	09/15/19 09:03	09/17/19 07:47	1024-57-3		
Hexachlorobenzene	ND	ug/L	0.095	1	09/15/19 09:03	09/17/19 07:47	118-74-1		
Hexachlorocyclopentadiene	ND	ug/L	0.095	1	09/15/19 09:03	09/17/19 07:47	77-47-4		
Methoxychlor	ND	ug/L	0.095	1	09/15/19 09:03	09/17/19 07:47	72-43-5		
PCB-1016 (Aroclor 1016)	ND	ug/L	0.095	1	09/15/19 09:03	09/17/19 07:47	12674-11-2		
PCB-1221 (Aroclor 1221)	ND	ug/L	0.095	1	09/15/19 09:03	09/17/19 07:47	11104-28-2		
PCB-1232 (Aroclor 1232)	ND	ug/L	0.095	1	09/15/19 09:03	09/17/19 07:47	11141-16-5		
PCB-1242 (Aroclor 1242)	ND	ug/L	0.095	1	09/15/19 09:03	09/17/19 07:47	53469-21-9		
PCB-1248 (Aroclor 1248)	ND	ug/L	0.095	1	09/15/19 09:03	09/17/19 07:47	12672-29-6		
PCB-1254 (Aroclor 1254)	ND	ug/L	0.095	1	09/15/19 09:03	09/17/19 07:47	11097-69-1		
PCB-1260 (Aroclor 1260)	ND	ug/L	0.095	1	09/15/19 09:03	09/17/19 07:47	11096-82-5		
PCB, Total	ND	ug/L	0.095	1	09/15/19 09:03	09/17/19 07:47	1336-36-3		
Propachlor	ND	ug/L	0.095	1	09/15/19 09:03	09/17/19 07:47	1918-16-7		
Simazine	ND	ug/L	0.17	1	09/15/19 09:03	09/17/19 07:47	122-34-9		
Toxaphene	ND	ug/L	0.95	1	09/15/19 09:03	09/17/19 07:47	8001-35-2		
Surrogates									
Decachlorobiphenyl (S)	108	%	70-130	1	09/15/19 09:03	09/17/19 07:47	2051-24-3		
515.3 Chlorinated Herbicides		Analytical Method: EPA 515.3 Preparation Method: EPA 515.3							
2,4-D	ND	ug/L	0.10	1	09/11/19 06:56	09/13/19 13:30	94-75-7		
Dalapon	ND	ug/L	1.0	1	09/11/19 06:56	09/13/19 13:30	75-99-0		
Dinoseb	ND	ug/L	0.20	1	09/11/19 06:56	09/13/19 13:30	88-85-7		
Pentachlorophenol	ND	ug/L	0.040	1	09/11/19 06:56	09/13/19 13:30	87-86-5		
Picloram	ND	ug/L	0.10	1	09/11/19 06:56	09/13/19 13:30	1918-02-1		
2,4,5-TP (Silvex)	ND	ug/L	0.20	1	09/11/19 06:56	09/13/19 13:30	93-72-1		
Surrogates									
2,4-DCAA (S)	87	%	70-130	1	09/11/19 06:56	09/13/19 13:30	19719-28-9		
525.2 Semi Volatile Compounds		Analytical Method: EPA 525.2 Preparation Method: EPA 525.2							
Atrazine	ND	ug/L	0.095	1	09/15/19 09:03	09/17/19 23:04	1912-24-9		
Benzo(a)pyrene	ND	ug/L	0.019	1	09/15/19 09:03	09/17/19 23:04	50-32-8		
bis(2-Ethylhexyl)adipate	ND	ug/L	0.57	1	09/15/19 09:03	09/17/19 23:04	103-23-1		
bis(2-Ethylhexyl)phthalate	ND	ug/L	1.3	1	09/15/19 09:03	09/17/19 23:04	117-81-7		
Surrogates									
1,3-Dimethyl-2-nitrobenzene(S)	95	%	70-130	1	09/15/19 09:03	09/17/19 23:04	81209		
Perylene-d12 (S)	95	%	70-130	1	09/15/19 09:03	09/17/19 23:04	1520963		
Triphenylphosphate (S)	119	%	70-130	1	09/15/19 09:03	09/17/19 23:04	115-86-6		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Mammoth Nutritional 9/5

Pace Project No.: 92444287

Sample: WELL # 2 PSOC		Lab ID: 92444287002	Collected: 09/05/19 12:15	Received: 09/05/19 13:55	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
531.1 HPLC Carbamates		Analytical Method: EPA 531.1						
Carbofuran	ND	ug/L	0.90	1		09/28/19 09:35	1563-66-2	
Oxamyl	ND	ug/L	2.0	1		09/28/19 09:35	23135-22-0	
Surrogates								
BDMC (S)	121	%	80-120	1		09/28/19 09:35		S3

Sample: WELL # 2 VOC		Lab ID: 92444287003	Collected: 09/05/19 12:15	Received: 09/05/19 13:55	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
524.2 MSV		Analytical Method: EPA 524.2						
Benzene	ND	ug/L	0.50	1		09/10/19 20:43	71-43-2	
Carbon tetrachloride	ND	ug/L	0.50	1		09/10/19 20:43	56-23-5	
Chlorobenzene	ND	ug/L	0.50	1		09/10/19 20:43	108-90-7	
1,2-Dichlorobenzene	ND	ug/L	0.50	1		09/10/19 20:43	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	1		09/10/19 20:43	106-46-7	
1,2-Dichloroethane	ND	ug/L	0.50	1		09/10/19 20:43	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	1		09/10/19 20:43	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		09/10/19 20:43	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		09/10/19 20:43	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	1		09/10/19 20:43	78-87-5	
Ethylbenzene	ND	ug/L	0.50	1		09/10/19 20:43	100-41-4	
Methylene Chloride	ND	ug/L	1.0	1		09/10/19 20:43	75-09-2	
Styrene	ND	ug/L	0.50	1		09/10/19 20:43	100-42-5	
Tetrachloroethene	ND	ug/L	0.50	1		09/10/19 20:43	127-18-4	
Toluene	ND	ug/L	0.50	1		09/10/19 20:43	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/L	0.50	1		09/10/19 20:43	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	1		09/10/19 20:43	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	1		09/10/19 20:43	79-00-5	
Trichloroethene	ND	ug/L	0.50	1		09/10/19 20:43	79-01-6	
Vinyl chloride	ND	ug/L	0.50	1		09/10/19 20:43	75-01-4	
Xylene (Total)	ND	ug/L	1.0	1		09/10/19 20:43	1330-20-7	
Surrogates								
4-Bromofluorobenzene (S)	99	%	70-130	1		09/10/19 20:43	460-00-4	
Toluene-d8 (S)	96	%	70-130	1		09/10/19 20:43	2037-26-5	
1,2-Dichloroethane-d4 (S)	111	%	70-130	1		09/10/19 20:43	17060-07-0	

Sample: WELL # 2 NEW WELL ICA		Lab ID: 92444287004	Collected: 09/05/19 12:15	Received: 09/05/19 13:55	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.7 MET ICP, Drinking Water		Analytical Method: EPA 200.7 Preparation Method: EPA 200.7						
Barium	0.066	mg/L	0.010	1	09/11/19 02:12	09/12/19 12:39	7440-39-3	
Beryllium	ND	mg/L	0.0040	1	09/11/19 02:12	09/12/19 12:39	7440-41-7	
Cadmium	ND	mg/L	0.0010	1	09/11/19 02:12	09/12/19 12:39	7440-43-9	
Calcium	15.2	mg/L	0.50	1	09/11/19 02:12	09/12/19 12:39	7440-70-2	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Mammoth Nutritional 9/5

Pace Project No.: 92444287

Sample: WELL # 2 NEW WELL ICA		Lab ID: 92444287004		Collected: 09/05/19 12:15		Received: 09/05/19 13:55		Matrix: Water	
Parameters		Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.7 MET ICP, Drinking Water		Analytical Method: EPA 200.7 Preparation Method: EPA 200.7							
Chromium	ND	mg/L	0.0050	1	09/11/19 02:12	09/12/19 12:39	7440-47-3		
Iron	ND	mg/L	0.040	1	09/11/19 02:12	09/12/19 12:39	7439-89-6		
Magnesium	4.4	mg/L	0.50	1	09/11/19 02:12	09/12/19 12:39	7439-95-4		
Manganese	ND	mg/L	0.0050	1	09/11/19 02:12	09/12/19 12:39	7439-96-5		
Nickel	0.0098	mg/L	0.0050	1	09/11/19 02:12	09/12/19 12:39	7440-02-0		
Silver	ND	mg/L	0.0050	1	09/11/19 02:12	09/12/19 12:39	7440-22-4		
Sodium	12.0	mg/L	2.0	1	09/11/19 02:12	09/12/19 12:39	7440-23-5		
Tot Hardness asCaCO3 (SM 2340B	56.1	mg/L	3.3	1	09/11/19 02:12	09/12/19 12:39			
Zinc	ND	mg/L	0.020	1	09/11/19 02:12	09/12/19 12:39	7440-66-6		
200.8 MET ICPMS Drinking Water		Analytical Method: EPA 200.8 Preparation Method: EPA 200.8							
Antimony	ND	mg/L	0.0010	1	09/11/19 02:12	09/12/19 07:29	7440-36-0		
Arsenic	ND	mg/L	0.0010	1	09/11/19 02:12	09/12/19 07:29	7440-38-2		
Copper	0.0025	mg/L	0.0010	1	09/11/19 02:12	09/12/19 07:29	7440-50-8		
Lead	ND	mg/L	0.0010	1	09/11/19 02:12	09/12/19 07:29	7439-92-1		
Selenium	ND	mg/L	0.0010	1	09/11/19 02:12	09/12/19 07:29	7782-49-2		
Thallium	ND	mg/L	0.0010	1	09/11/19 02:12	09/12/19 07:29	7440-28-0		
245.1 Mercury		Analytical Method: EPA 245.1 Preparation Method: EPA 245.1							
Mercury	ND	mg/L	0.00020	1	09/09/19 10:53	09/09/19 18:36	7439-97-6		
2540C Total Dissolved Solids		Analytical Method: SM 2540C							
Total Dissolved Solids	128	mg/L	5.0	1		09/12/19 16:54			
180.1 Turbidity		Analytical Method: EPA 180.1							
Turbidity	0.25	NTU	0.20	1		09/07/19 05:00			
2120B Apparent Color		Analytical Method: SM2120B-01							
Apparent Color	ND	units	5.0	1		09/07/19 10:34			
pH	6.6	units		1		09/07/19 10:34			
2310B Acidity, Total		Analytical Method: SM 2310B							
Acidity, Total	14.0	mg/L	1.0	1		09/09/19 14:11			N2
2320B Alkalinity		Analytical Method: SM 2320B							
Alkalinity, Total as CaCO3	44.5	mg/L	5.0	1		09/11/19 18:49			
4500H+ pH, Electrometric		Analytical Method: SM 4500-H+B							
pH at 25 Degrees C	7.4	Std. Units	0.10	1		09/09/19 14:09			Q
300.0 IC Anions 28 Days		Analytical Method: EPA 300.0							
Chloride	19.4	mg/L	5.0	1		09/09/19 00:19	16887-00-6		
Fluoride	0.12	mg/L	0.050	1		09/09/19 00:19	16984-48-8		
Sulfate	ND	mg/L	5.0	1		09/09/19 00:19	14808-79-8		

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ANALYTICAL RESULTS

Project: Mammoth Nutritional 9/5

Pace Project No.: 92444287

Sample: WELL # 2 NEW WELL ICA		Lab ID: 92444287004	Collected: 09/05/19 12:15	Received: 09/05/19 13:55	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
335.4 Cyanide, Total	Analytical Method: EPA 335.4 Preparation Method: EPA 335.4							
Cyanide	ND	mg/L	0.010	1	09/17/19 14:00	09/17/19 23:08	57-12-5	
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2							
Nitrogen, Nitrate	0.46	mg/L	0.050	1		09/06/19 14:19	14797-55-8	
Nitrogen, Nitrite	ND	mg/L	0.050	1		09/06/19 14:19	14797-65-0	

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QUALITY CONTROL DATA

Project: Mammoth Nutritional 9/5
Pace Project No.: 92444287

QC Batch:	573803	Analysis Method:	EPA 531.1
QC Batch Method:	EPA 531.1	Analysis Description:	531.1 HPLC Carbamate
Associated Lab Samples:	92444287002		

METHOD BLANK: 3118247 Matrix: Water
Associated Lab Samples: 92444287002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Carbofuran	ug/L	ND	0.90	09/28/19 04:59	
Oxamyl	ug/L	ND	2.0	09/28/19 04:59	
BDMC (S)	%	121	80-120	09/28/19 04:59	S3

LABORATORY CONTROL SAMPLE: 3118248

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Carbofuran	ug/L	10	9.8	98	80-120	
Oxamyl	ug/L	10	9.8	98	80-120	
BDMC (S)	%			106	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3118249 3118250

Parameter	Units	92445507001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
Carbofuran	ug/L	ND	10	10	10.7	10.3	107	103	80-120	3	
Oxamyl	ug/L	ND	10	10	10.6	10.0	106	100	80-120	6	
BDMC (S)	%						117	109	80-120		

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

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QUALITY CONTROL DATA

Project: Mammoth Nutritional 9/5
Pace Project No.: 92444287

QC Batch: 568425 Analysis Method: EPA 245.1
QC Batch Method: EPA 245.1 Analysis Description: 245.1 Mercury
Associated Lab Samples: 92444287004

METHOD BLANK: 3088074 Matrix: Water
Associated Lab Samples: 92444287004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	mg/L	ND	0.00020	09/09/19 14:42	

LABORATORY CONTROL SAMPLE: 3088075

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	mg/L	0.002	0.0022	108	85-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3088076 3088077

Parameter	Units	92444283001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
Mercury	mg/L	ND	0.002	0.002	0.0023	0.0023	112	112	70-130	0	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3088078 3088079

Parameter	Units	20120196002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
Mercury	mg/L	ND	0.002	0.002	0.0022	0.0022	111	108	70-130	2	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

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QUALITY CONTROL DATA

Project: Mammoth Nutritional 9/5
Pace Project No.: 92444287

QC Batch:	568967	Analysis Method:	EPA 200.7
QC Batch Method:	EPA 200.7	Analysis Description:	200.7 MET Drinking Water
Associated Lab Samples:	92444287004		

METHOD BLANK: 3091606 Matrix: Water
Associated Lab Samples: 92444287004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Barium	mg/L	ND	0.010	09/12/19 11:33	
Beryllium	mg/L	ND	0.0040	09/12/19 11:33	
Cadmium	mg/L	ND	0.0010	09/12/19 11:33	
Calcium	mg/L	ND	0.50	09/12/19 11:33	
Chromium	mg/L	ND	0.0050	09/12/19 11:33	
Iron	mg/L	ND	0.040	09/12/19 11:33	
Magnesium	mg/L	ND	0.50	09/12/19 11:33	
Manganese	mg/L	ND	0.0050	09/12/19 11:33	
Nickel	mg/L	ND	0.0050	09/12/19 11:33	
Silver	mg/L	ND	0.0050	09/12/19 11:33	
Sodium	mg/L	ND	2.0	09/12/19 11:33	
Tot Hardness asCaCO3 (SM 2340B	mg/L	ND	3.3	09/12/19 11:33	
Zinc	mg/L	ND	0.020	09/12/19 11:33	

LABORATORY CONTROL SAMPLE: 3091607

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Barium	mg/L	0.25	0.26	103	85-115	
Beryllium	mg/L	0.025	0.026	104	85-115	
Cadmium	mg/L	0.025	0.026	106	85-115	
Calcium	mg/L	12.5	13.1	105	85-115	
Chromium	mg/L	0.25	0.26	105	85-115	
Iron	mg/L	2.5	2.6	105	85-115	
Magnesium	mg/L	12.5	13.3	106	85-115	
Manganese	mg/L	0.25	0.26	105	85-115	
Nickel	mg/L	0.25	0.27	107	85-115	
Silver	mg/L	0.025	0.026	104	85-115	
Sodium	mg/L	12.5	12.8	102	85-115	
Tot Hardness asCaCO3 (SM 2340B	mg/L	82.7	87.4	106	85-115	
Zinc	mg/L	1.2	1.3	107	85-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3091608 3091609

Parameter	Units	20120354001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
Barium	mg/L	0.055	0.25	0.25	0.31	0.31	102	103	70-130	0	
Beryllium	mg/L	ND	0.025	0.025	0.026	0.026	104	103	70-130	0	
Cadmium	mg/L	ND	0.025	0.025	0.026	0.026	105	104	70-130	0	

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QUALITY CONTROL DATA

Project: Mammoth Nutritional 9/5

Pace Project No.: 92444287

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3091608 3091609											
Parameter	Units	20120354001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
Calcium	mg/L	2.6	12.5	12.5	15.4	15.5	103	103	70-130	0	
Chromium	mg/L	ND	0.25	0.25	0.26	0.26	104	104	70-130	0	
Iron	mg/L	ND	2.5	2.5	2.6	2.6	104	104	70-130	0	
Magnesium	mg/L	1.9	12.5	12.5	15.0	15.0	105	105	70-130	0	
Manganese	mg/L	0.0092	0.25	0.25	0.27	0.27	104	104	70-130	0	
Nickel	mg/L	ND	0.25	0.25	0.27	0.27	106	106	70-130	0	
Silver	mg/L	ND	0.025	0.025	0.026	0.026	104	103	70-130	1	
Sodium	mg/L	25.1	12.5	12.5	38.1	38.1	104	104	70-130	0	
Tot Hardness asCaCO3 (SM 2340B	mg/L	14.1	82.7	82.7	100	100	104	104	70-130	0	
Zinc	mg/L	ND	1.2	1.2	1.3	1.3	105	106	70-130	0	

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QUALITY CONTROL DATA

Project: Mammoth Nutritional 9/5
Pace Project No.: 92444287

QC Batch: 568968	Analysis Method: EPA 200.8
QC Batch Method: EPA 200.8	Analysis Description: 200.8 MET Drinking Water
Associated Lab Samples: 92444287004	

METHOD BLANK: 3091613 Matrix: Water
Associated Lab Samples: 92444287004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Antimony	mg/L	ND	0.0010	09/12/19 07:14	
Arsenic	mg/L	ND	0.0010	09/12/19 07:14	
Copper	mg/L	ND	0.0010	09/12/19 07:14	
Lead	mg/L	ND	0.0010	09/12/19 07:14	
Selenium	mg/L	ND	0.0010	09/12/19 07:14	
Thallium	mg/L	ND	0.0010	09/12/19 07:14	

LABORATORY CONTROL SAMPLE: 3091614

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Antimony	mg/L	0.05	0.051	101	85-115	
Arsenic	mg/L	0.05	0.050	99	85-115	
Copper	mg/L	0.05	0.050	100	85-115	
Lead	mg/L	0.05	0.051	101	85-115	
Selenium	mg/L	0.05	0.049	99	85-115	
Thallium	mg/L	0.05	0.051	103	85-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3091615 3091616

Parameter	Units	35495152001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
Antimony	mg/L	0.00050 U	0.05	0.05	0.050	0.050	99	100	70-130	1	
Arsenic	mg/L	0.022	0.05	0.05	0.072	0.072	100	101	70-130	0	
Copper	mg/L	0.0024	0.05	0.05	0.049	0.049	94	94	70-130	0	
Lead	mg/L	0.0097	0.05	0.05	0.061	0.062	103	104	70-130	0	
Selenium	mg/L	0.00083 U	0.05	0.05	0.048	0.048	96	96	70-130	0	
Thallium	mg/L	0.00050 U	0.05	0.05	0.053	0.053	105	106	70-130	1	

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QUALITY CONTROL DATA

Project: Mammoth Nutritional 9/5
Pace Project No.: 92444287

QC Batch:	568836	Analysis Method:	EPA 524.2
QC Batch Method:	EPA 524.2	Analysis Description:	524.2 MSV
Associated Lab Samples:	92444287003		

METHOD BLANK: 3090036 Matrix: Water
Associated Lab Samples: 92444287003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/L	ND	0.50	09/10/19 14:32	
1,1,2-Trichloroethane	ug/L	ND	0.50	09/10/19 14:32	
1,1-Dichloroethene	ug/L	ND	0.50	09/10/19 14:32	
1,2,4-Trichlorobenzene	ug/L	ND	0.50	09/10/19 14:32	
1,2-Dichlorobenzene	ug/L	ND	0.50	09/10/19 14:32	
1,2-Dichloroethane	ug/L	ND	0.50	09/10/19 14:32	
1,2-Dichloropropane	ug/L	ND	0.50	09/10/19 14:32	
1,4-Dichlorobenzene	ug/L	ND	0.50	09/10/19 14:32	
Benzene	ug/L	ND	0.50	09/10/19 14:32	
Carbon tetrachloride	ug/L	ND	0.50	09/10/19 14:32	
Chlorobenzene	ug/L	ND	0.50	09/10/19 14:32	
cis-1,2-Dichloroethene	ug/L	ND	0.50	09/10/19 14:32	
Ethylbenzene	ug/L	ND	0.50	09/10/19 14:32	
Methylene Chloride	ug/L	ND	1.0	09/10/19 14:32	
Styrene	ug/L	ND	0.50	09/10/19 14:32	
Tetrachloroethene	ug/L	ND	0.50	09/10/19 14:32	
Toluene	ug/L	ND	0.50	09/10/19 14:32	
trans-1,2-Dichloroethene	ug/L	ND	0.50	09/10/19 14:32	
Trichloroethene	ug/L	ND	0.50	09/10/19 14:32	
Vinyl chloride	ug/L	ND	0.50	09/10/19 14:32	
Xylene (Total)	ug/L	ND	1.0	09/10/19 14:32	
1,2-Dichloroethane-d4 (S)	%	110	70-130	09/10/19 14:32	
4-Bromofluorobenzene (S)	%	98	70-130	09/10/19 14:32	
Toluene-d8 (S)	%	95	70-130	09/10/19 14:32	

LABORATORY CONTROL SAMPLE & LCSD: 3090037

Parameter	Units	3090038								Qualifiers
		Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	
1,1,1-Trichloroethane	ug/L	20	19.2	19.5	96	97	70-130	1	20	
1,1,2-Trichloroethane	ug/L	20	18.7	20.0	94	100	70-130	7	20	
1,1-Dichloroethene	ug/L	20	20.5	19.8	102	99	70-130	3	20	
1,2,4-Trichlorobenzene	ug/L	20	15.8	17.1	79	85	70-130	8	20	
1,2-Dichlorobenzene	ug/L	20	18.5	19.3	93	97	70-130	4	20	
1,2-Dichloroethane	ug/L	20	17.1	16.2	85	81	70-130	5	20	
1,2-Dichloropropane	ug/L	20	16.2	16.2	81	81	70-130	0	20	
1,4-Dichlorobenzene	ug/L	20	18.3	18.4	92	92	70-130	1	20	
Benzene	ug/L	20	17.5	17.9	87	89	70-130	2	20	
Carbon tetrachloride	ug/L	20	19.9	19.7	99	99	70-130	1	20	
Chlorobenzene	ug/L	20	19.1	19.3	96	97	70-130	1	20	
cis-1,2-Dichloroethene	ug/L	20	15.2	16.0	76	80	70-130	5	20	

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QUALITY CONTROL DATA

Project: Mammoth Nutritional 9/5

Pace Project No.: 92444287

LABORATORY CONTROL SAMPLE & LCSD: 3090037			3090038							
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Ethylbenzene	ug/L	20	20.5	20.9	102	105	70-130	2	20	
Methylene Chloride	ug/L	20	19.1	18.9	95	95	70-130	1	20	
Styrene	ug/L	20	18.0	18.6	90	93	70-130	3	20	
Tetrachloroethene	ug/L	20	22.0	22.6	110	113	70-130	3	20	
Toluene	ug/L	20	19.5	20.2	98	101	70-130	4	20	
trans-1,2-Dichloroethene	ug/L	20	20.6	20.4	103	102	70-130	1	20	
Trichloroethene	ug/L	20	17.2	17.1	86	86	70-130	0	20	
Vinyl chloride	ug/L	20	22.7	23.4	113	117	70-130	3	20	
Xylene (Total)	ug/L	60	62.2	64.1	104	107	70-130	3	20	
1,2-Dichloroethane-d4 (S)	%				105	105	70-130			
4-Bromofluorobenzene (S)	%				103	107	70-130			
Toluene-d8 (S)	%				96	95	70-130			

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QUALITY CONTROL DATA

Project: Mammoth Nutritional 9/5
Pace Project No.: 92444287

QC Batch:	569259	Analysis Method:	EPA 504.1
QC Batch Method:	EPA 504.1	Analysis Description:	504 EDB DBCP
Associated Lab Samples:	92444287002		

METHOD BLANK: 3093097 Matrix: Water
Associated Lab Samples: 92444287002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2-Dibromo-3-chloropropane	ug/L	ND	0.020	09/12/19 19:45	
1,2-Dibromoethane (EDB)	ug/L	ND	0.010	09/12/19 19:45	

LABORATORY CONTROL SAMPLE: 3093098

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dibromo-3-chloropropane	ug/L	0.25	0.24	95	70-130	
1,2-Dibromoethane (EDB)	ug/L	0.25	0.26	105	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3094588 3094589

Parameter	Units	92444974001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
1,2-Dibromo-3-chloropropane	ug/L	ND	0.44	0.44	0.46	0.44	105	102	65-135	3	
1,2-Dibromoethane (EDB)	ug/L	ND	0.44	0.44	0.29	0.34	65	77	65-135	16	

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QUALITY CONTROL DATA

Project: Mammoth Nutritional 9/5
Pace Project No.: 92444287

QC Batch:	570086	Analysis Method:	EPA 508.1
QC Batch Method:	EPA 508.1	Analysis Description:	508 GCS Pest / PCB
Associated Lab Samples:	92444287002		

METHOD BLANK: 3098638 Matrix: Water
Associated Lab Samples: 92444287002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Alachlor	ug/L	ND	0.20	09/16/19 23:36	
Chlordane (Technical)	ug/L	ND	0.20	09/16/19 23:36	
Endrin	ug/L	ND	0.010	09/16/19 23:36	
gamma-BHC (Lindane)	ug/L	ND	0.020	09/16/19 23:36	
Heptachlor	ug/L	ND	0.040	09/16/19 23:36	
Heptachlor epoxide	ug/L	ND	0.020	09/16/19 23:36	
Hexachlorobenzene	ug/L	ND	0.10	09/16/19 23:36	
Hexachlorocyclopentadiene	ug/L	ND	0.10	09/16/19 23:36	
Methoxychlor	ug/L	ND	0.10	09/16/19 23:36	
PCB-1016 (Aroclor 1016)	ug/L	ND	0.10	09/16/19 23:36	
PCB-1221 (Aroclor 1221)	ug/L	ND	0.10	09/16/19 23:36	
PCB-1232 (Aroclor 1232)	ug/L	ND	0.10	09/16/19 23:36	
PCB-1242 (Aroclor 1242)	ug/L	ND	0.10	09/16/19 23:36	
PCB-1248 (Aroclor 1248)	ug/L	ND	0.10	09/16/19 23:36	
PCB-1254 (Aroclor 1254)	ug/L	ND	0.10	09/16/19 23:36	
PCB-1260 (Aroclor 1260)	ug/L	ND	0.10	09/16/19 23:36	
Propachlor	ug/L	ND	0.10	09/16/19 23:36	
Simazine	ug/L	ND	0.18	09/16/19 23:36	
Toxaphene	ug/L	ND	1.0	09/16/19 23:36	
Decachlorobiphenyl (S)	%	121	70-130	09/16/19 23:36	

LABORATORY CONTROL SAMPLE: 3098639

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Alachlor	ug/L	0.5	0.56	113	70-130	
Endrin	ug/L	0.025	0.029	116	70-130	
gamma-BHC (Lindane)	ug/L	0.05	0.056	113	70-130	
Heptachlor	ug/L	0.1	0.099	99	70-130	
Heptachlor epoxide	ug/L	0.05	0.055	110	70-130	
Hexachlorobenzene	ug/L	0.25	0.25	99	70-130	
Hexachlorocyclopentadiene	ug/L	0.25	0.18	71	70-130	
Methoxychlor	ug/L	0.25	0.30	118	70-130	
Propachlor	ug/L	0.25	0.29	116	70-130	
Simazine	ug/L	0.18	.15 I	83	70-130	
Decachlorobiphenyl (S)	%			124	70-130	

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QUALITY CONTROL DATA

Project: Mammoth Nutritional 9/5

Pace Project No.: 92444287

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3099778 3099779											
Parameter	Units	35495261001 Result	MS	MSD	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
			Spike Conc.	Spike Conc.							
Alachlor	ug/L	ND	0.48	0.48	0.55	0.62	115	130	65-135	12	
Endrin	ug/L	ND	0.024	0.024	0.029	0.030	119	126	65-135	5	
gamma-BHC (Lindane)	ug/L	ND	0.048	0.048	0.054	0.054	113	113	65-135	0	
Heptachlor	ug/L	ND	0.097	0.096	0.10	0.10	108	109	65-135	1	
Heptachlor epoxide	ug/L	ND	0.048	0.048	0.053	0.053	110	109	65-135	1	
Hexachlorobenzene	ug/L	ND	0.24	0.24	0.25	0.24	103	101	65-135	3	
Hexachlorocyclopentadiene	ug/L	ND	0.24	0.24	0.20	0.18	82	74	65-135	11	
Methoxychlor	ug/L	ND	0.24	0.24	0.30	0.31	125	127	65-135	1	
Propachlor	ug/L	ND	0.24	0.24	0.29	0.29	120	122	65-135	1	
Simazine	ug/L	ND	0.17	0.17	0.17	0.17	103	101	65-135	3	
Decachlorobiphenyl (S)	%						103	95	70-130		

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QUALITY CONTROL DATA

Project: Mammoth Nutritional 9/5
Pace Project No.: 92444287

QC Batch: 568920	Analysis Method: EPA 515.3
QC Batch Method: EPA 515.3	Analysis Description: 5153 GCS Herbicides
Associated Lab Samples: 92444287002	

METHOD BLANK: 3091075 Matrix: Water
Associated Lab Samples: 92444287002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
2,4,5-TP (Silvex)	ug/L	ND	0.20	09/13/19 08:08	
2,4-D	ug/L	ND	0.10	09/13/19 08:08	
Dalapon	ug/L	ND	1.0	09/13/19 08:08	
Dinoseb	ug/L	ND	0.20	09/13/19 08:08	
Pentachlorophenol	ug/L	ND	0.040	09/13/19 08:08	
Picloram	ug/L	ND	0.10	09/13/19 08:08	
2,4-DCAA (S)	%	91	70-130	09/13/19 08:08	

LABORATORY CONTROL SAMPLE: 3091076

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2,4,5-TP (Silvex)	ug/L	0.8	0.84	105	70-130	
2,4-D	ug/L	0.4	0.41	102	70-130	
Dalapon	ug/L	4	4.4	110	70-130	
Dinoseb	ug/L	0.8	0.79	98	70-130	
Pentachlorophenol	ug/L	0.16	0.13	83	70-130	
Picloram	ug/L	0.4	0.46	115	70-130	
2,4-DCAA (S)	%			92	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3091712 3091713

Parameter	Units	35496186001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
2,4,5-TP (Silvex)	ug/L	ND	0.8	0.8	0.86	0.80	107	100	70-130	7	
2,4-D	ug/L	ND	0.4	0.4	0.41	0.38	104	95	70-130	8	
Dalapon	ug/L	ND	4	4	4.3	4.1	109	103	70-130	5	
Dinoseb	ug/L	ND	0.8	0.8	0.82	0.76	102	94	70-130	8	
Pentachlorophenol	ug/L	ND	0.16	0.16	0.13	0.12	84	77	70-130	9	
Picloram	ug/L	ND	0.4	0.4	0.44	0.43	110	109	70-130	1	
2,4-DCAA (S)	%						93	91	70-130		

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3091714 3091715

Parameter	Units	92444287002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
2,4,5-TP (Silvex)	ug/L	ND	0.8	0.8	0.82	0.81	102	101	70-130	1	
2,4-D	ug/L	ND	0.4	0.4	0.39	0.34	96	86	70-130	11	

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QUALITY CONTROL DATA

Project: Mammoth Nutritional 9/5

Pace Project No.: 92444287

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3091714 3091715											
Parameter	Units	92444287002		MS		MSD		MS		MSD	
		Result		Spike Conc.	Spike Conc.	Result	Result	% Rec	% Rec	% Rec	% Rec
Dalapon	ug/L	ND		4	4	4.2	4.1	104	102	70-130	2
Dinoseb	ug/L	ND		0.8	0.8	0.76	0.77	95	97	70-130	2
Pentachlorophenol	ug/L	ND		0.16	0.16	0.12	0.12	77	78	70-130	1
Picloram	ug/L	ND		0.4	0.4	0.43	0.41	107	103	70-130	4
2,4-DCAA (S)	%							87	75	70-130	

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QUALITY CONTROL DATA

Project: Mammoth Nutritional 9/5
Pace Project No.: 92444287

QC Batch:	570087	Analysis Method:	EPA 525.2
QC Batch Method:	EPA 525.2	Analysis Description:	525.2 DW Semivolatiles
Associated Lab Samples:	92444287002		

METHOD BLANK: 3098641 Matrix: Water
Associated Lab Samples: 92444287002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Atrazine	ug/L	ND	0.10	09/17/19 15:06	
Benzo(a)pyrene	ug/L	ND	0.020	09/17/19 15:06	
bis(2-Ethylhexyl)adipate	ug/L	ND	0.60	09/17/19 15:06	
bis(2-Ethylhexyl)phthalate	ug/L	ND	1.3	09/17/19 15:06	
1,3-Dimethyl-2-nitrobenzene(S)	%	91	70-130	09/17/19 15:06	
Perylene-d12 (S)	%	95	70-130	09/17/19 15:06	
Triphenylphosphate (S)	%	108	70-130	09/17/19 15:06	

LABORATORY CONTROL SAMPLE: 3098642

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Atrazine	ug/L	0.4	0.51	128	70-130	
Benzo(a)pyrene	ug/L	0.4	0.45	113	70-130	
bis(2-Ethylhexyl)adipate	ug/L	6	6.5	109	70-130	
bis(2-Ethylhexyl)phthalate	ug/L	8	8.6	108	70-130	
1,3-Dimethyl-2-nitrobenzene(S)	%			89	70-130	
Perylene-d12 (S)	%			100	70-130	
Triphenylphosphate (S)	%			110	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3099780 3099781

Parameter	Units	35495343001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
Atrazine	ug/L	ND	0.38	0.39	0.39	0.43	101	112	70-130	11	
Benzo(a)pyrene	ug/L	ND	0.38	0.39	0.45	0.44	118	114	70-130	3	
bis(2-Ethylhexyl)adipate	ug/L	ND	5.7	5.8	6.6	6.7	115	116	70-130	2	
bis(2-Ethylhexyl)phthalate	ug/L	ND	7.6	7.7	7.9	8.1	102	105	70-130	4	
1,3-Dimethyl-2-nitrobenzene(S)	%						92	92	70-130		
Perylene-d12 (S)	%						96	99	70-130		
Triphenylphosphate (S)	%						122	120	70-130		

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Mammoth Nutritional 9/5

Pace Project No.: 92444287

QC Batch:	569645	Analysis Method:	SM 2540C
QC Batch Method:	SM 2540C	Analysis Description:	2540C Total Dissolved Solids
Associated Lab Samples:	92444287004		

METHOD BLANK: 3095834 Matrix: Water

Associated Lab Samples: 92444287004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Total Dissolved Solids	mg/L	ND	5.0	09/12/19 16:52	

LABORATORY CONTROL SAMPLE: 3095835

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Dissolved Solids	mg/L	300	290	97	90-110	

SAMPLE DUPLICATE: 3095836

Parameter	Units	35495039001 Result	Dup Result	RPD	Qualifiers
Total Dissolved Solids	mg/L	353	361	2	Q

SAMPLE DUPLICATE: 3095837

Parameter	Units	35496654001 Result	Dup Result	RPD	Qualifiers
Total Dissolved Solids	mg/L	328	334	2	

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QUALITY CONTROL DATA

Project: Mammoth Nutritional 9/5

Pace Project No.: 92444287

QC Batch: 568225

Analysis Method: EPA 180.1

QC Batch Method: EPA 180.1

Analysis Description: 180.1 Turbidity

Associated Lab Samples: 92444287004

METHOD BLANK: 3087329

Matrix: Water

Associated Lab Samples: 92444287004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Turbidity	NTU	ND	0.20	09/07/19 05:00	

LABORATORY CONTROL SAMPLE: 3087330

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Turbidity	NTU	16.5	16.9	102	90-110	

SAMPLE DUPLICATE: 3087331

Parameter	Units	20120196003 Result	Dup Result	RPD	Qualifiers
Turbidity	NTU	ND	ND		

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

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QUALITY CONTROL DATA

Project: Mammoth Nutritional 9/5

Pace Project No.: 92444287

QC Batch:	568226	Analysis Method:	SM2120B-01
QC Batch Method:	SM2120B-01	Analysis Description:	2120B Color
Associated Lab Samples:	92444287004		

METHOD BLANK: 3087332 Matrix: Water

Associated Lab Samples: 92444287004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Apparent Color	units	ND	5.0	09/07/19 10:34	
pH	units	6.5		09/07/19 10:34	

SAMPLE DUPLICATE: 3087333

Parameter	Units	92444287004 Result	Dup Result	RPD	Qualifiers
Apparent Color	units	ND	ND		
pH	units	6.6	6.6	0	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

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QUALITY CONTROL DATA

Project: Mammoth Nutritional 9/5

Pace Project No.: 92444287

QC Batch: 568429

Analysis Method: SM 2310B

QC Batch Method: SM 2310B

Analysis Description: 2310B Acidity, Total

Associated Lab Samples: 92444287004

METHOD BLANK: 3088087

Matrix: Water

Associated Lab Samples: 92444287004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Acidity, Total	mg/L	ND	1.0	09/09/19 14:11	N2

SAMPLE DUPLICATE: 3088089

Parameter	Units	92444287004 Result	Dup Result	RPD	Qualifiers
Acidity, Total	mg/L	14.0	14.0	0	N2

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QUALITY CONTROL DATA

Project: Mammoth Nutritional 9/5

Pace Project No.: 92444287

QC Batch:	569063	Analysis Method:	SM 2320B
QC Batch Method:	SM 2320B	Analysis Description:	2320B Alkalinity
Associated Lab Samples:	92444287004		

METHOD BLANK: 3091967 Matrix: Water
Associated Lab Samples: 92444287004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Alkalinity, Total as CaCO ₃	mg/L	ND	5.0	09/11/19 17:09	

LABORATORY CONTROL SAMPLE: 3091968

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Alkalinity, Total as CaCO ₃	mg/L	251	239	95	90-110	

SAMPLE DUPLICATE: 3091969

Parameter	Units	35495883002 Result	Dup Result	RPD	Qualifiers
Alkalinity, Total as CaCO ₃	mg/L	129	130	1	

SAMPLE DUPLICATE: 3091970

Parameter	Units	92444287004 Result	Dup Result	RPD	Qualifiers
Alkalinity, Total as CaCO ₃	mg/L	44.5	44.5	0	

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QUALITY CONTROL DATA

Project: Mammoth Nutritional 9/5
Pace Project No.: 92444287

QC Batch: 568344 Analysis Method: EPA 300.0
QC Batch Method: EPA 300.0 Analysis Description: 300.0 IC Anions
Associated Lab Samples: 92444287004

METHOD BLANK: 3087896 Matrix: Water
Associated Lab Samples: 92444287004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chloride	mg/L	ND	5.0	09/08/19 20:34	
Fluoride	mg/L	ND	0.050	09/08/19 20:34	
Sulfate	mg/L	ND	5.0	09/08/19 20:34	

LABORATORY CONTROL SAMPLE: 3087897

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	50	46.5	93	90-110	
Fluoride	mg/L	5	4.9	98	90-110	
Sulfate	mg/L	50	46.5	93	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3089882 3089883

Parameter	Units	35495152001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
Chloride	mg/L	19.4	50	50	67.3	68.5	96	98	90-110	2	
Fluoride	mg/L	0.071	5	5	4.8	5.0	95	98	90-110	3	
Sulfate	mg/L	9.4	50	50	55.8	56.1	93	93	90-110	0	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3089884 3089885

Parameter	Units	20120196004 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
Chloride	mg/L	57.3	50	50	114	110	113	106	90-110	3	J(M1),L
Fluoride	mg/L	0.58	5	5	5.9	5.5	107	98	90-110	8	
Sulfate	mg/L	43.8	50	50	100	98.1	112	109	90-110	2	J(M1),L

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QUALITY CONTROL DATA

Project: Mammoth Nutritional 9/5
Pace Project No.: 92444287

QC Batch:	570803	Analysis Method:	EPA 335.4
QC Batch Method:	EPA 335.4	Analysis Description:	335.4 Cyanide, Total
Associated Lab Samples:	92444287004		

METHOD BLANK: 3101826 Matrix: Water
Associated Lab Samples: 92444287004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Cyanide	mg/L	ND	0.010	09/17/19 22:42	

LABORATORY CONTROL SAMPLE: 3101827

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Cyanide	mg/L	0.05	0.048	95	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3101828 3101829

Parameter	Units	20120912001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
Cyanide	mg/L	ND	0.025	0.025	0.020	0.021	78	82	90-110	5	J(M1)

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3101830 3101831

Parameter	Units	35497965004 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
Cyanide	mg/L	0.0050 U	0.025	0.025	.0068 I	.0081 I	11	16	90-110		J(M1)

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QUALITY CONTROL DATA

Project: Mammoth Nutritional 9/5
Pace Project No.: 92444287

QC Batch:	568059	Analysis Method:	EPA 353.2
QC Batch Method:	EPA 353.2	Analysis Description:	353.2 Nitrate + Nitrite, Unpres.
Associated Lab Samples:	92444287004		

METHOD BLANK: 3085687 Matrix: Water
Associated Lab Samples: 92444287004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Nitrogen, Nitrate	mg/L	ND	0.050	09/06/19 11:10	
Nitrogen, Nitrite	mg/L	ND	0.050	09/06/19 11:10	

LABORATORY CONTROL SAMPLE: 3085688

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrogen, Nitrite	mg/L	1	0.94	94	90-110	

MATRIX SPIKE SAMPLE: 3085690

Parameter	Units	35495194001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Nitrogen, Nitrite	mg/L	0.025U	1	0.94	93	90-110	

MATRIX SPIKE SAMPLE: 3086609

Parameter	Units	20120196003 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Nitrogen, Nitrite	mg/L	ND	1	0.95	95	90-110	

SAMPLE DUPLICATE: 3085689

Parameter	Units	35495194001 Result	Dup Result	RPD	Qualifiers
Nitrogen, Nitrate	mg/L	3.1	3.1	0	
Nitrogen, Nitrite	mg/L	0.025U	ND		

SAMPLE DUPLICATE: 3086608

Parameter	Units	20120196003 Result	Dup Result	RPD	Qualifiers
Nitrogen, Nitrate	mg/L	1.6	1.6	0	
Nitrogen, Nitrite	mg/L	ND	ND		

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QUALIFIERS

Project: Mammoth Nutritional 9/5
Pace Project No.: 92444287

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.
ND - Not Detected at or above adjusted reporting limit.
TNTC - Too Numerous To Count
MDL - Adjusted Method Detection Limit.
PQL - Practical Quantitation Limit.
RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.
S - Surrogate
1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.
Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.
LCS(D) - Laboratory Control Sample (Duplicate)
MS(D) - Matrix Spike (Duplicate)
DUP - Sample Duplicate
RPD - Relative Percent Difference
NC - Not Calculable.
SG - Silica Gel - Clean-Up
U - Indicates the compound was analyzed for, but not detected.
Acid preservation may not be appropriate for 2 Chloroethylvinyl ether.
A separate vial preserved to a pH of 4-5 is recommended in SW846 Chapter 4 for the analysis of Acrolein and Acrylonitrile by EPA Method 8260.
N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.
Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.
TNI - The NELAC Institute.

LABORATORIES

PASI-O Pace Analytical Services - Ormond Beach

ANALYTE QUALIFIERS

I The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.
J(M1) Estimated Value. Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.
L Off-scale high. Actual value is known to be greater than value given.
N2 The lab does not hold NELAC/TNI accreditation for this parameter but other accreditations/certifications may apply. A complete list of accreditations/certifications is available upon request.
Q Sample held beyond the accepted holding time.
Q Sample held beyond the accepted holding time. Analysis initiated more than 15 minutes after sample collection.
S3 Surrogate recovery exceeded laboratory control limits. Analyte presence below reporting limits in associated samples.
Y The laboratory analysis was from an improperly preserved sample. The data may not be accurate.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Mammoth Nutritional 9/5

Pace Project No.: 92444287

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92444287002	WELL # 2 PSOC	EPA 504.1	569259	EPA 504.1	569672
92444287002	WELL # 2 PSOC	EPA 508.1	570086	EPA 508.1	570652
92444287002	WELL # 2 PSOC	EPA 515.3	568920	EPA 515.3	569254
92444287002	WELL # 2 PSOC	EPA 525.2	570087	EPA 525.2	570651
92444287002	WELL # 2 PSOC	EPA 531.1	573803		
92444287004	WELL # 2 NEW WELL ICA	EPA 200.7	568967	EPA 200.7	569000
92444287004	WELL # 2 NEW WELL ICA	EPA 200.8	568968	EPA 200.8	569001
92444287004	WELL # 2 NEW WELL ICA	EPA 245.1	568425	EPA 245.1	568540
92444287003	WELL # 2 VOC	EPA 524.2	568836		
92444287004	WELL # 2 NEW WELL ICA	SM 2540C	569645		
92444287004	WELL # 2 NEW WELL ICA	EPA 180.1	568225		
92444287004	WELL # 2 NEW WELL ICA	SM2120B-01	568226		
92444287004	WELL # 2 NEW WELL ICA	SM 2310B	568429		
92444287004	WELL # 2 NEW WELL ICA	SM 2320B	569063		
92444287004	WELL # 2 NEW WELL ICA	SM 4500-H+B	568530		
92444287004	WELL # 2 NEW WELL ICA	EPA 300.0	568344		
92444287004	WELL # 2 NEW WELL ICA	EPA 335.4	570803	EPA 335.4	570943
92444287004	WELL # 2 NEW WELL ICA	EPA 353.2	568059		

REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, Inc.
8 East Tower Circle
Ormond Beach, FL 32174
Phone 386-672-5668
Fax 386-673-4001



NEW WELL INORGANIC CHEMICAL ANALYSIS

Note: All information must be supplied for plan review credit.

WATER SYSTEM NO. _____

County: McDowell

Name of Water System: Well # 2

Sample Type: ☐ Entry Point ☒ Non-compliance

Location Where Collected: Holding Tank # 2

(Note: Compliance sample MUST be collected at the entry point.)

Facility ID No. _____

Sample Point: _____

Collected By: Ken Porter
(Please Print)

Collection Date	Collection Time
<u>1/1/19</u> (MM/DD/YY)	<u>12:00</u> M (Specify AM or PM)

Mail Results to (water system representative):

Phone #: _____

Fax #: () _____

Responsible Person's email:

LABORATORY ID #: 12710

☐ SAMPLE UNSATISFACTORY

☐ RESAMPLE REQUIRED

CONTAM CODE	CONTAMINANT	METHOD CODE	REQUIRED REPORTING LIMIT (R.R.L.)	NOT DETECTED (i.e. <R.R.L.) (X)	QUANTIFIED RESULTS	ALLOWABLE LIMIT*
0100	Turbidity	180.1	0.10 ntu	☐	_____ ntu	N/A
1005	Arsenic	200.8	0.005 mg/L	☐	_____ mg/L	0.010 mg/L
1010	Barium	200.7	0.4 mg/L	☐	_____ mg/L	2.000 mg/L
1015	Cadmium	200.7	0.001 mg/L	☐	_____ mg/L	0.005 mg/L
1016	Calcium	200.7	1.0 mg/L	☐	_____ mg/L	N/A
1017	Chloride	300.0	5.0 mg/L	☐	_____ mg/L	250.0 mg/L
1020	Chromium	200.7	0.020 mg/L	☐	_____ mg/L	0.100 mg/L
1022	Copper	200.8	0.050 mg/L	☐	_____ mg/L	1.300 mg/L
1024	Cyanide	335.4	0.050 mg/L	☐	_____ mg/L	0.200 mg/L
1025	Fluoride	300.0	0.100 mg/L	☐	_____ mg/L	4.000 mg/L
1028	Iron	200.7	0.060 mg/L	☐	_____ mg/L	0.300 mg/L
1030	Lead	200.8	0.003 mg/L	☐	_____ mg/L	0.015 mg/L
1031	Magnesium	200.7	1.0 mg/L	☐	_____ mg/L	N/A
1032	Manganese	200.7	0.010 mg/L	☐	_____ mg/L	0.050 mg/L
1035	Mercury	245.1	0.0004 mg/L	☐	_____ mg/L	0.002 mg/L

* Note: Concentrations for Lead and Copper are action levels, not MCLs.

NFreeman/PACEAL 9/5/19 1255 5.8°C

Pace Analytical Services, Inc.
8 East Tower Circle
Ormond Beach, FL 32174
Phone 386-672-5668
Fax 386-673-4001



NEW WELL INORGANIC CHEMICAL ANALYSIS (continued)

Note: All information must be supplied for plan review credit.

WATER SYSTEM NO. _____

Name of Water System: Well # 2

Facility ID No. _____

Sample Point: _____

Collection Date	Collection Time
____/____/____ (MM/DD/YY)	____:____ M (Specify AM or PM)

LABORATORY ID #: 12710

CONTAM CODE	CONTAMINANT	METHOD CODE	REQUIRED REPORTING LIMIT (R.R.L.)	NOT DETECTED (i.e. < R.R.L.) (X)	QUANTIFIED RESULTS	ALLOWABLE LIMIT*
1036	Nickel	200.7	0.100 mg/L	☐	_____ mg/L	N/A
1040	Nitrate	300.0	1.00 mg/L	☐	_____ mg/L	10.00 mg/L
1041	Nitrite	300.0	0.10 mg/L	☐	_____ mg/L	1.00 mg/L
1045	Selenium	200.8	0.010 mg/L	☐	_____ mg/L	0.050 mg/L
1050	Silver	200.7	0.05 mg/L	☐	_____ mg/L	0.100 mg/L
1052	Sodium	200.7	1.0 mg/L	☐	_____ mg/L	N/A
1055	Sulfate	300.0	15.0 mg/L	☐	_____ mg/L	250.0 mg/L
1068	Acidity		1.0 mg/L	☐	_____ mg/L	N/A
1074	Antimony	200.8	0.003 mg/L	☐	_____ mg/L	0.006 mg/L
1075	Beryllium	200.7	0.002 mg/L	☐	_____ mg/L	0.004 mg/L
1085	Thallium	200.8	0.001 mg/L	☐	_____ mg/L	0.002 mg/L
1095	Zinc	200.7	1.0 mg/L	☐	_____ mg/L	5.0 mg/L
1905	Color	2120B	5 units	☐	_____ units	15 units
1915	Total Hardness	200.7	1.0 mg/L	☐	_____ mg/L	N/A
1925	pH	4500HB	N/A	N/A	_____ units	6.5 - 8.5 units
1927	Alkalinity	2320B	1.0 mg/L	☐	_____ mg/L	N/A
1930	Total Dissolved Solids	2540C	10.0 mg/L	☐	_____ mg/L	500.0 mg/L

* Note: Concentrations for Lead and Copper are action levels, not MCLs.

	DATE:	TIME:
ANALYSES BEGUN:	____/____/____ (MM/DD/YY)	____:____ M (Specify AM or PM)
ANALYSES COMPLETED:	____/____/____ (MM/DD/YY)	____:____ M (Specify AM or PM)

Laboratory Log #: _____

Certified By: _____
(Print and sign name)

COMMENTS: N Free / PACE AN 9/5/19 5.8°C 13:55

PESTICIDES AND SYNTHETIC ORGANIC CHEMICALS (SOCs) ANALYSIS (continued)

Note: All information must be supplied for compliance credit.

WATER SYSTEM NO. _____

Name of Water System: Well #2

Facility ID No. _____

Sample Point: _____

Collection Date

Collection Time

____/____/____
(MM/DD/YY)

____:____ M
(Specify AM or PM)

CONTAM CODE	CONTAMINANT	METHOD CODE	REQUIRED REPORTING LIMIT (R.R.L.)	NOT DETECTED (i.e. < R.R.L.) (X)	QUANTIFIED RESULTS*	ALLOWABLE LIMIT
2067	Heptachlor Epoxide	508.1	0.00002 mg/L	☐	_____ mg/L	0.0002 mg/L
2105	2,4-D	515.3	0.0001 mg/L	☐	_____ mg/L	0.07 mg/L
2110	2,4,5-TP (Silvex)	515.3	0.0002 mg/L	☐	_____ mg/L	0.05 mg/L
2274	Hexachlorobenzene	508.1	0.0001 mg/L	☐	_____ mg/L	0.001 mg/L
2039	Di(2-ethylhexyl)phthalate	525.2	0.00132 mg/L	☐	_____ mg/L	0.006 mg/L
2306	Benzo(a)pyrene	525.2	0.00002 mg/L	☐	_____ mg/L	0.0002 mg/L
2326	Pentachlorophenol	515.3	0.00004 mg/L	☐	_____ mg/L	0.001 mg/L
2383	PCB's (as decachlorobiphenol)	508.1	0.0001** mg/L	☐	_____ mg/L	0.0005 mg/L
2931	DBCP	504.1	0.00002 mg/L	☐	_____ mg/L	0.0002 mg/L
2946	Ethylene Dibromide (EDB)	504.1	0.00001 mg/L	☐	_____ mg/L	0.00005 mg/L
2959	Chlordane	508.1	0.0002 mg/L	☐	_____ mg/L	0.002 mg/L

*Note: If result exceeds allowable limit, the laboratory must fax analytical results to the State within 48 hours.

**Note: R.R.L. (mg/L) for PCB screening are as follows: Aroclor 1016 - 0.00008, Aroclor 1221 - 0.02, Aroclor 1232 - 0.0005, Aroclor 1242 - 0.0003, Aroclor 1248 & 1254 - 0.0001, Aroclor 1260 - 0.0002

	DATE:	TIME:
ANALYSES BEGUN:	____/____/____ (MM/DD/YY)	____:____ M (Specify AM or PM)
ANALYSES COMPLETED:	____/____/____ (MM/DD/YY)	____:____ M (Specify AM or PM)

Laboratory Log #: 92444287-002

Certified By: _____

(Print and sign name)

COMMENTS: _____

NFrem/PACALL 9/5/19 1355 580C

4
Pace Analytical Services,
Inc.
8 East Tower Circle
Ormond Beach, FL 32174



PESTICIDES AND SYNTHETIC ORGANIC CHEMICALS (SOCs) ANALYSIS

Note: All information must be supplied for compliance credit.

WATER SYSTEM ID #: _____

County: McDowell

Name of Water System: Well # 2

Sample Type: ☐ Entry Point ☒ Special/Non-compliance

Location Where Collected: Holding Tank # 2

Facility ID No. _____

Sample Point: _____

Collected By: Ken Porter
(Please Print)

Collection Date	Collection Time
<u>1/1</u> (MM/DD/YY)	<u>---</u> <u>---</u> <u>M</u> (Specify AM or PM)

Mail Results to (water system representative): _____

Phone # _____

Fax #: () _____

Responsible Person's email: _____

NOTE: Please complete portion above double line on Page 2

LABORATORY ID #: 12710

☐ SAMPLE UNSATISFACTORY

☐ RESAMPLE REQUIRED

CONTAM CODE	CONTAMINANT	METHOD CODE	REQUIRED REPORTING LIMIT (R.R.L.)	NOT DETECTED (i.e. < R.R.L.) (X)	QUANTIFIED RESULTS*	ALLOWABLE LIMIT
2005	Endrin	508.1	0.00001 mg/L	☐	_____ mg/L	0.002 mg/L
2010	Lindane	508.1	0.00002 mg/L	☐	_____ mg/L	0.0002 mg/L
2015	Methoxychlor	508.1	0.0001 mg/L	☐	_____ mg/L	0.04 mg/L
2020	Toxaphene	508.1	0.001 mg/L	☐	_____ mg/L	0.003 mg/L
2031	Dalapon	515.3	0.001 mg/L	☐	_____ mg/L	0.2 mg/L
2035	Di(2-ethylhexyl)adipate	525.2	0.0006 mg/L	☐	_____ mg/L	0.4 mg/L
2036	Oxamyl(vydate)	531.1	0.002 mg/L	☐	_____ mg/L	0.2 mg/L
2037	Simazine	508.1	0.00007 mg/L	☐	_____ mg/L	0.004 mg/L
2040	Picloram	515.3	0.0001 mg/L	☐	_____ mg/L	0.5 mg/L
2041	Dinoseb	515.3	0.0002 mg/L	☐	_____ mg/L	0.007 mg/L
2042	Hexachlorocyclopentadiene	508.1	0.0001 mg/L	☐	_____ mg/L	0.05 mg/L
2046	Carbofuran	531.1	0.0009 mg/L	☐	_____ mg/L	0.04 mg/L
2050	Atrazine	508.1	0.0001 mg/L	☐	_____ mg/L	0.003 mg/L
2051	Alachlor	508.1	0.0002 mg/L	☐	_____ mg/L	0.002 mg/L
2065	Heptachlor	508.1	0.00004 mg/L	☐	_____ mg/L	0.0004 mg/L

*Note: If result exceeds allowable limit, the laboratory must fax analytical results to the State within 48 hours.

NFrem/PAEAN 9/5/19 1755 5.8°C

2
Pace Analytical Services, Inc.
8 East Tower Circle
Ormond Beach, FL 32174
Phone 386-672-5668
Fax 386-673-4001

VOLATILE ORGANIC CHEMICALS (VOCs) ANALYSIS
Note: All information must be supplied for compliance credit.



WATER SYSTEM ID #: _____

County: _____

Name of Water System: Well # 2

Sample Type: ☐ Entry Point ☒ Special/Non-compliance

Location Where Collected: Holding Tank # 2

Facility ID No. _____

Sample Point: _____

Collected By: Ken Porter
(Please Print)

Collection Date

Collection Time

____/____/____
(MM/DD/YY)

____:____ M
(Specify AM or PM)

Mail Results to (water system representative):

Phone #: _____

Fax #: (____) _____

Responsible Person's email: _____

LABORATORY ID #: 12710

☐ SAMPLE UNSATISFACTORY

☐ RESAMPLE REQUIRED

CONTAM CODE	CONTAMINANT	METHOD CODE	REQUIRED REPORTING LIMIT (R.R.L.)	NOT DETECTED (i.e. < R.R.L.) (X)	QUANTIFIED RESULTS*	ALLOWABLE LIMIT
2378	1,2,4-Trichlorobenzene	524.2	0.0005 mg/L	☐	_____ mg/L	0.07 mg/L
2380	Cis-1,2-Dichloroethylene	524.2	0.0005 mg/L	☐	_____ mg/L	0.07 mg/L
2955	Xylenes (Total)	524.2	0.0005 mg/L	☐	_____ mg/L	10.00 mg/L
2964	Dichloromethane	524.2	0.0005 mg/L	☐	_____ mg/L	0.005 mg/L
2968	o-Dichlorobenzene	524.2	0.0005 mg/L	☐	_____ mg/L	0.60 mg/L
2969	p-Dichlorobenzene	524.2	0.0005 mg/L	☐	_____ mg/L	0.075 mg/L
2976	Vinyl Chloride	524.2	0.0005 mg/L	☐	_____ mg/L	0.002 mg/L
2977	1,1-Dichloroethylene	524.2	0.0005 mg/L	☐	_____ mg/L	0.007 mg/L
2979	Trans-1,2-Dichloroethylene	524.2	0.0005 mg/L	☐	_____ mg/L	0.10 mg/L
2980	1,2-Dichloroethane	524.2	0.0005 mg/L	☐	_____ mg/L	0.005 mg/L
2981	1,1,1-Trichloroethane	524.2	0.0005 mg/L	☐	_____ mg/L	0.20 mg/L
2982	Carbon Tetrachloride	524.2	0.0005 mg/L	☐	_____ mg/L	0.005 mg/L
2983	1,2-Dichloropropane	524.2	0.0005 mg/L	☐	_____ mg/L	0.005 mg/L
2984	Trichloroethylene	524.2	0.0005 mg/L	☐	_____ mg/L	0.005 mg/L
2985	1,1,2-Trichloroethane	524.2	0.0005 mg/L	☐	_____ mg/L	0.005 mg/L
2987	Tetrachloroethylene	524.2	0.0005 mg/L	☐	_____ mg/L	0.005 mg/L
2989	Chlorobenzene	524.2	0.0005 mg/L	☐	_____ mg/L	0.10 mg/L
2990	Benzene	524.2	0.0005 mg/L	☐	_____ mg/L	0.005 mg/L
2991	Toluene	524.2	0.0005 mg/L	☐	_____ mg/L	1.00 mg/L
2992	Ethylbenzene	524.2	0.0005 mg/L	☐	_____ mg/L	0.70 mg/L
2996	Styrene	524.2	0.0005 mg/L	☐	_____ mg/L	0.10 mg/L

*Note: If result exceeds allowable limit, the laboratory must fax analytical results to the State within 48 hours.

	DATE:	TIME:
ANALYSES BEGUN:	____/____/____ (MM/DD/YY)	____:____ M (Specify AM or PM)
ANALYSES COMPLETED:	____/____/____ (MM/DD/YY)	____:____ M (Specify AM or PM)

Laboratory Log #: 92444287-003

Certified By: _____

COMMENTS: _____

NFV down / PACEAL (Print and sign name) 9/5/19 1355 5.80C



Please Reply To:

AmeriSci Richmond

13635 GENITO ROAD
MIDLOTHIAN, VIRGINIA 23112
TEL: (804) 763-1200 • FAX: (804) 763-1800

FACSIMILE TELECOPY TRANSMISSION

AK

To: Chris Derouen
PACE Analytical Services, Inc.
Fax #:
Email:

From: T. Brian Keith
AmeriSci Job #: 119091244
Subject: Water (drinking) 14 day Results
Client Project: 92444287; Mammoth Nutritional
9/5; NC

Date: Monday, September 16, 2019
Time: 13:07:25
Comments:

Number of Pages: 3
(including cover sheet)

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Table I
Summary of Transmission Electron Microscopy (TEM) Results for Asbestos (Water)
92444287; Mammoth Nutritional 9/5; NC

AmeriSci Sample #	Client Sample No./Location	Liquid Filtered (liters)	Temp (Celcius)	Structures Detected* (total)	Structures Detected* (>10 µm)	Analytical Sensitivity (MF/L)	Asbestos Conc (total) (MF/L)	Asbestos Conc (>10 µm) (MF/L)	Asbestos Type
01	1 Well #2 Asbestos	0.01	4	NSD	NSD	0.18	<0.18	<0.18	----

* NAD/NSD = no asbestos detected, NA = not analyzed, MF/L = million fibers per liter; Drinking Water accreditations do not cover waste water analysis.

NOTE: Drinking water analysis by EPA-600/4-83-043 (100.1). Fiber criteria (≥ 0.5 microns, for 100.1; >10 microns for 100.2; 5:1 aspect ratio for both), organic rich waste water prepped by EPA-600/4-80-005. Analytical sensitivity calculated as though 1 fiber had been detected on the TEM GRID area analyzed. Sample temperatures reported above were measured upon receipt. Water samples are refrigerated upon receipt and filtered within four hours.

Reviewed By:  ; Analyzed By:  Date: 9/16/2019

T. Brian Keith

Pace Analytical®
www.pacelabs.com

PASI Charlotte Laboratory

Workorder: 92444287 **Workorder Name:** Mammoth Nutritional 9/5 **Results Requested By:** 10/3/2019

Report / Invoice To		Subcontract To		Requested Analysis														
Chris Derouen Pace Analytical Asheville 2225 Riverside Dr. Asheville, NC 28804 Phone (828)254-7176 Email: christopher.derouen@pacelabs.com		AmeriSci 13635 Ginito Rd M.lothian, VA 23112 804-763-1200		P.O. # AV2053 SO Asbestos														
State of Sample Origin: NC		Preserved Containers		LAB USE ONLY														
Item	Sample ID	Collect Date/Time	Lab ID	Matrix	Unpreserved													
1	WELL # 2 ASBESTOS	9/5/2019 12:15	92444287001	Water														
2																		
3																		
4																		
5																		
												Comments						
Transfers		Released By		Date/Time		Received By		Date/Time										
1		2500 / Pace AVL		9-5-19 / 1700														
2																		
3																		
Cooler Temperature on Receipt		°C		Custody Seal Y or N		Received on Ice Y or N		Samples Intact Y or N										

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SEP 06 2019
By PPR