

750 Royal Oaks Drive, Suite 100
Monrovia, California 91016-3629
Tel: (626) 386-1100
Fax: (626) 386-1101
1 800 566 LABS (1 800 566 5227)



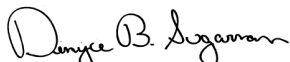
AT-1807

Laboratory Report

for

Callaway Blue Springs Water Company, Inc.
3120 Ga Hwy 116
Hamilton, GA 31811
Attention: (1022) Water Quality Manager

Date of Issue
05/24/2017


EUROFINS EATON
ANALYTICAL



D5T3: Denyce Sugarman
Project Manager

Report: 647323
Project: 1022-CBSW
Group: Spring Source

* Accredited in accordance with TNi 2009 and ISO/IEC 17025:2005.

* Laboratory certifies that the test results meet all **TNi 2009 and ISO/IEC 17025:2005** requirements unless noted under the individual analysis.

* Following the cover page are State Certification List, ISO 17025 Accredited Method List, Acknowledgement of Samples Received, Comments, Hits Report, Data Report, QC Summary, QC Report and Regulatory Forms, as applicable.

* Test results relate only to the sample(s) tested.

STATE CERTIFICATION LIST

State	Certification Number	State	Certification Number
Alabama	41060	Mississippi	Certified
Arizona	AZ0778	Montana	Cert 0035
Arkansas	Certified	Nebraska	Certified
California-Monrovia-ELAP	2813	Nevada	CA00006-2016
California-Colton- ELAP	2812	New Hampshire *	2959
California-Folsom- ELAP	2820	New Jersey *	CA 008
California-Fresno- ELAP	2966	New Mexico	Certified
Colorado	Certified	New York *	11320
Connecticut	PH-0107	North Carolina	06701
Delaware	CA 006	North Dakota	R-009
Florida *	E871024	Oregon (Primary AB) *	ORELAP 4034
Georgia	947	Pennsylvania *	68-565
Guam	16-003r	Puerto Rico	Certified
Hawaii	Certified	Rhode Island	LAO00326
Idaho	Certified	South Carolina	87016
Illinois *	200033	South Dakota	Certified
Indiana	C-CA-01	Tennessee	TN02839
Kansas *	E-10268	Texas *	T104704230-15-9
Kentucky	90107	Utah *	CA000062016-10
Louisiana *	LA16003	Vermont	VT0114
Maine	CA0006	Virginia *	460260
Maryland	224	Washington	C838
Commonwealth of Northern Marianas Is.	MP0004	Wyoming	Certified
Massachusetts	M-CA006	EPA Region 5	Certified
Michigan	9906	Los Angeles County Sanitation Districts	10264

* NELAP/TNI Recognized Accreditation Bodies

ISO 17025 Accredited Method List

The tests listed below are accredited and meet the requirements of ISO 17025 as verified by the ANSI-ASQ National Accreditation Board/ANAB.

Refer to Certificate and scope of accreditation (AT 1807) found at: <http://www.eatonanalytical.com>

SPECIFIC TESTS	METHOD OR TECHNIQUE USED	Environmental (Drinking Water)	Environmental (Waste Water)	Water as a Component of Food and Bev/Bev/ Bottled Water
1,4-Dioxane	EPA 522	x		x
2,3,7,8-TCDD	Modified EPA 1613B	x		x
Acrylamide	In House Method (2440)	x		x
Alkalinity	SM 2320B	x	x	x
Ammonia	EPA 350.1		x	x
Ammonia	SM 4500-NH3 H		x	x
Anions and DBPs by IC	EPA 300.0	x	x	x
Anions and DBPs by IC	EPA 300.1	x		x
Asbestos	EPA 100.2	x	x	
Bicarbonate Alkalinity as HCO ₃	SM 2320B	x	x	x
BOD / CBOD	SM 5210B		x	x
Bromate	In House Method (2447)	x		x
Carbamates	EPA 531.2	x		x
Carbonate as CO ₃	SM 2330B	x	x	x
Carbonyls	EPA 556	x		x
COD	EPA 410.4 / SM 5220D		x	
Chloramines	SM 4500-CL G	x	x	x
Chlorinated Acids	EPA 515.4	x		x
Chlorinated Acids	EPA 555	x		x
Chlorine Dioxide	SM 4500-CLO ₂ D	x		x
Chlorine -Total/Free/ Combined Residual	SM 4500-Cl G	x	x	x
Conductivity	EPA 120.1		x	
Conductivity	SM 2510B	x	x	x
Corrosivity (Langelier Index)	SM 2330B	x		x
Cryptosporidium	EPA 1623	x		x
Cyanide, Amenable	SM 4500-CN G	x	x	
Cyanide, Free	SM 4500CN F	x	x	x
Cyanide, Total	EPA 335.4	x	x	x
Cyanogen Chloride (screen)	In House Method (2470)	x		x
Diquat and Paraquat	EPA 549.2	x		x
DBP/HAA	SM 6251B	x		x
Dissolved Oxygen	SM 4500-O G		x	x
DOC	SM 5310C	x		x
E. Coli (MTF/EC+MUG)		x		x
E. Coli	CFR 141.21(f)(6)(i)	x		x
E. Coli	SM 9223		x	
E. Coli (Enumeration)	SM 9221B.1/ SM 9221F	x		x
E. Coli (Enumeration)	SM 9223B	x		x
EDB/DCBP	EPA 504.1	x		
EDB/DCBP and DBP	EPA 551.1	x		x
EDTA and NTA	In House Method (2454)	x		x
Endothall	EPA 548.1	x		x
Endothall	In-house Method (2445)	x		x
Enterococci	SM 9230B	x	x	
Fecal Coliform	SM 9221 E (MTF/EC)	x		
Fecal Coliform	SM 9221C, E (MTF/EC)		x	
Fecal Coliform (Enumeration)	SM 9221E (MTF/EC)	x		x
Fecal Coliform with Chlorine Present	SM 9221E		x	
Fecal Streptococci	SM 9230B	x	x	
Fluoride	SM 4500-F C	x	x	x
Giardia	EPA 1623	x		x
Glyphosate	EPA 547	x		x
Gross Alpha/Beta	EPA 900.0	x	x	x
Gross Alpha Coprecipitation	SM 7110 C	x	x	x
Hardness	SM 2340B	x	x	x
Heterotrophic Bacteria	In House Method (2439)	x		x
Heterotrophic Bacteria	SM 9215 B	x		x
Hexavalent Chromium	EPA 218.6	x	x	x

SPECIFIC TESTS	METHOD OR TECHNIQUE USED	Environmental (Drinking Water)	Environmental (Waste Water)	Water as a Component of Food and Bev/Bev/ Bottled Water
Hexavalent Chromium	EPA 218.7	x		x
Hexavalent Chromium	SM 3500-Cr B		x	
Hormones	EPA 539	x		x
Hydroxide as OH Calc.	SM 2330B	x		x
Kjeldahl Nitrogen	EPA 351.2		x	
Legionella	CDC Legionella	x		x
Mercury	EPA 245.1	x	x	x
Metals	EPA 200.7 / 200.8	x	x	x
Microcystin LR	ELISA (2360)	x		x
NDMA	EPA 521	x		x
NDMA	TQ In house method based on EPA 521 (2425)	x		x
Nitrate/Nitrite Nitrogen	EPA 353.2	x	x	x
OCL, Pesticides/PCB	EPA 505	x		x
Ortho Phosphate	EPA 365.1	x	x	x
Ortho Phosphate	SM 4500P E			x
Ortho Phosphorous	SM 4500P E	x		
Oxyhalides Disinfection Byproducts	EPA 317.0	x		x
Perchlorate	EPA 331.0	x		x
Perchlorate (low and high)	EPA 314.0	x		x
Perfluorinated Alkyl Acids	EPA 537	x		x
pH	EPA 150.1	x		
pH	SM 4500-H+B	x	x	x
Phenylurea Pesticides/ Herbicides	In House Method, based on EPA 532 (2448)	x		x
Pseudomonas	IDEXX Pseudalert (2461)	x		x
Radium-226	GA Institute of Tech	x		x
Radium-228	GA Institute of Tech	x		x
Radon-222	SM 7500RN	x		x
Residue, Filterable	SM 2540C	x	x	x
Residue, Non-filterable	SM 2540D		x	
Residue, Total	SM 2540B		x	x
Residue, Volatile	EPA 160.4		x	
Semi-VOC	EPA 525.2	x		x
Semi-VOC	EPA 625		x	x
Silica	SM 4500-Si D	x	x	
Silica	SM 4500-SiO ₂ C	x	x	
Sulfide	SM 4500-S ⁻ D		x	
Sulfite	SM 4500-SO ₃ B	x	x	x
Surfactants	SM 5540C	x	x	x
Taste and Odor Analytes	SM 6040E	x		x
Total Coliform (P/A)	SM 9221 A, B	x		x
Total Coliform (Enumeration)	SM 9221 A, B, C	x		x
Total Coliform / E. coli	Colisure SM 9223	x		x
Total Coliform	SM 9221B		x	
Total Coliform with Chlorine Present	SM 9221B		x	
Total Coliform / E.coli (P/A and Enumeration)	SM 9223	x		x
TOC	SM 5310C	x	x	x
TOX	SM 5320B		x	
Total Phenols	EPA 420.1		x	
Total Phenols	EPA 420.4	x	x	x
Total Phosphorous	SM 4500 P E		x	
Turbidity	EPA 180.1	x	x	x
Turbidity	SM 2130B	x	x	
Uranium by ICP/MS	EPA 200.8	x		x
UV 254	SM 5910B	x		
VOC	EPA 524.2/EPA 524.3	x		x
VOC	EPA 624		x	x
VOC	EPA SW 846 8260	x		x
VOC	In House Method (2411)	x		x
Yeast and Mold	SM 9610	x		x

Acknowledgement of Samples Received

Addr: **Callaway Blue Springs Water Company, Inc.**
3120 Ga Hwy 116
Hamilton, GA 31811

Client ID: CDI
Folder #: 647323
Project: 1022-CBSW
Sample Group: Spring Source

Attn: (1022) Water Quality Manager
Phone:

Project Manager: Denyce Sugarman
Phone: 919-413-3444

The following samples were received from you on **April 13, 2017** at **1230**. They have been scheduled for the tests listed below each sample. If this information is incorrect, please contact your service representative. Thank you for using Eurofins Eaton Analytical.

Sample #	Sample ID	Sample Date																																																			
201703270072	1022-362 Callaway Borehole	04/12/2017 1410																																																			
	<table> <tr> <td>@505</td><td>@515.4</td><td>@525</td></tr> <tr> <td>@531</td><td>@549</td><td>@551SODA</td></tr> <tr> <td>@ANIONS28</td><td>@ANIONS48</td><td>@DBP_28</td></tr> <tr> <td>@ICP</td><td>@ICPMS</td><td>@VOA</td></tr> <tr> <td>Alkalinity in CaCO3 units</td><td>Apparent Color</td><td>Bicarb.Alkalinity as HCO3,calc</td></tr> <tr> <td>Calcium Hardness as CaCO3</td><td>Carbonate as CO3, Calculated</td><td>Cyanide</td></tr> <tr> <td>Endothall</td><td>Fluoride</td><td>Glyphosate</td></tr> <tr> <td>Hydroxide as OH, Calculated</td><td>Langelier Index - 25 degree</td><td>Mercury</td></tr> <tr> <td>Odor at 60 C (TON)</td><td>Orthophosphate as P (OPO4)</td><td>PH (H3=past HT not compliant)</td></tr> <tr> <td>pH of CaCO3 saturation(25C)</td><td>Phenolic Compounds-low level</td><td>Specific Conductance</td></tr> <tr> <td>Surfactants</td><td>Total Dissolved Solid (TDS)</td><td>Total Hardness as CaCO3 by ICP</td></tr> <tr> <td>Turbidity</td><td>@900</td><td>@ICPMS</td></tr> <tr> <td>@RA226 GA</td><td>@RA228 GA</td><td>Uranium by ICPMS as pCi/L</td></tr> <tr> <td>@2378-TCDD_Dioxin</td><td>@331-PHG-Sterile-Filtered</td><td>@HAA6</td></tr> <tr> <td>@QUANT2000 18HR</td><td>@RN</td><td>Asbestos (Subbed)</td></tr> <tr> <td>Bromate by UV/VIS</td><td>Bromide by 300.1</td><td>Freight Return - Annual</td></tr> <tr> <td>Heterotrophic Plate Count</td><td>Silica</td><td></td></tr> </table>	@505	@515.4	@525	@531	@549	@551SODA	@ANIONS28	@ANIONS48	@DBP_28	@ICP	@ICPMS	@VOA	Alkalinity in CaCO3 units	Apparent Color	Bicarb.Alkalinity as HCO3,calc	Calcium Hardness as CaCO3	Carbonate as CO3, Calculated	Cyanide	Endothall	Fluoride	Glyphosate	Hydroxide as OH, Calculated	Langelier Index - 25 degree	Mercury	Odor at 60 C (TON)	Orthophosphate as P (OPO4)	PH (H3=past HT not compliant)	pH of CaCO3 saturation(25C)	Phenolic Compounds-low level	Specific Conductance	Surfactants	Total Dissolved Solid (TDS)	Total Hardness as CaCO3 by ICP	Turbidity	@900	@ICPMS	@RA226 GA	@RA228 GA	Uranium by ICPMS as pCi/L	@2378-TCDD_Dioxin	@331-PHG-Sterile-Filtered	@HAA6	@QUANT2000 18HR	@RN	Asbestos (Subbed)	Bromate by UV/VIS	Bromide by 300.1	Freight Return - Annual	Heterotrophic Plate Count	Silica		
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201703270073	Trip Blanks- HOLD	04/12/2017 1410																																																			
	@VOASDWA TB																																																				

Test Description

@505 -- Organochlorine Pesticides/PCBs
 @515.4 -- Chlorophenoxy Herbicides
 @525 -- Semivolatiles by GCMS
 @531 -- Aldicarb
 @549 -- Diquat and Paraquat
 @551SODA -- EDB/DBCP/HAN by EPA 551.1
 @ANIONS28 -- Chloride, Sulfate by EPA 300.0
 @ANIONS48 -- Nitrate, Nitrite by EPA 300.0
 @DBP_28 -- Disinfection ByProducts by 300.0
 @ICP -- ICP Metals
 @ICPMS -- ICPMS Metals

Acknowledgement of Samples Received

Addr: **Callaway Blue Springs Water Company, Inc.**
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Attn: (1022) Water Quality Manager
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Sample #	Sample ID	Sample Date
	@VOA -- Volatile Organics by GCMS	
	@900 -- Gross Alpha/Beta Radiation	
	@ICPMS -- ICPMS Metals	
	@RA226 GA -- Radium 226	
	@RA228 GA -- Radium 228	
	@2378-TCDD_Dioxin -- 2,3,7,8-TCDD_Dioxin	
	@331-PHG-Sterile-Filtered -- Perchlorate by EPA 331.0	
	@HAA6 -- Haloacetic Acids	
	@QUANT2000 18HR -- Quantitray Coliforms 18 Hour	
	@RN -- Radon 222	
	@VOASDWA TB -- Volatile Organics by GCMS	

CHAIN OF CUSTODY RECORD

697323 *1022-362-13*

INVOICE TO/SEND ORIGINAL REPORT TO: Compliance 159 South Stark Highway Weare, New Hampshire 03281 Tel (603) 529-4977 Fax (603) 529-4988 Designs		CLIENT NAME TO APPEAR ON REPORT: Callaway Blue Springs Water Company, Inc. 3120 Ga Hwy 116 Hamilton GA 31811		LAB USED: Eurofins (MWH Labs)	ORDER #
PROJECT NAME: 2017 Annual		PROJECT #: 1022		TURNAROUND TIME: STND/BUT ASAP	PWS #:
DATE & TIME OF SAMPLE COLLECTION 4-12-2017 Date & Time 2:10 PM		SAMPLE DESCRIPTION AND PRODUCTION CODE Callaway Blue Borehole		ANALYSIS REQUIRED Bat 1, Full Rads, Dioxin, TC, SPC, Radon, Perchlorate (MA), Asbestos Low Level Bromide, Silica	
SAMPLE NUMBER 1022-362	(Handwritten: 1230-17, 11-13)		NUMBER OF CONTAINERS 2	COMPLIANCE CRITERIA: 50 State Compliance	
SAMPLER'S SIGNATURE: Debra Barker		ACCEPTED BY (Signature)		DATE/TIME 4-12-17 Date & Time 9:10 PM	
RELINQUISHED BY (Signature) Debra Barker		DATE/TIME 4-12-17 Date & Time 9:10 PM		NOTES TO LABORATORY	

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Client: Callaway Blue Springs Water Company, Inc.
3120 Ga Hwy 116
Hamilton, GA 31811
Attention: (1022) Water Quality Manager

Report Date: 05/12/2017

Parameter	Method	Reporting Limit	Result
Sample ID: 1022-362 Callaway Borehole		Sample #: 201703270072	
Primary Inorganics			
Antimony, Total, ICAP/MS	EPA 200.8	0.001	ND
Arsenic, Total, ICAP/MS	EPA 200.8	0.002	ND
Asbestos by TEM - > 10 microns, MFL	EPA 100.2	0.18	ND
Barium, Total, ICAP/MS	EPA 200.8	0.002	0.016
Beryllium, Total, ICAP/MS	EPA 200.8	0.001	ND
Cadmium, Total, ICAP/MS	EPA 200.8	0.0005	ND
Chromium, Total, ICAP/MS	EPA 200.8	0.005	ND
Cyanide	SM4500CN-F	0.025	ND
Fluoride	SM 4500F-C	0.05	ND
Lead, Total, ICAP/MS	EPA 200.8	0.0005	ND
Mercury	EPA 245.1	0.0002	ND
Nickel, Total, ICAP/MS	EPA 200.8	0.005	ND
Nitrate as Nitrogen by IC	EPA 300.0	0.1	ND
Nitrite, Nitrogen by IC	EPA 300.0	0.05	ND
Selenium, Total, ICAP/MS	EPA 200.8	0.005	ND
Thallium, Total, ICAP/MS	EPA 200.8	0.001	ND
Secondary Inorganics			
Alkalinity in CaCO3 units	SM 2320B	2	24
Aluminum, Total, ICAP/MS	EPA 200.8	0.02	ND
Bicarb.Alkalinity as HCO3,calc	SM2330B	2	30
Boron, Total, ICAP	EPA 200.7	0.05	ND
Bromide	EPA 300.1	0.002	0.012
Bromide	EPA 300.0	0.005	0.0096
Calcium, Total, ICAP	EPA 200.7	1	4.4
Carbonate as CO3, Calculated	SM2330B	2	ND
Chloride	EPA 300.0	0.5	1.4
Copper, Total, ICAP/MS	EPA 200.8	0.002	ND
Corrosivity, Units	SM 2330B	-14	-2.4
Foaming Agents (MBAS)	SM 5540C/EPA 425.1	0.1	ND
Calcium Hardness as CaCO3	EPA 200.7	5	11
Hardness, Total	SM 2340B	3	21
Hydroxide as OH, Calculated	SM2330B	2	ND

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Parameter	Method	Reporting Limit	Result
Sample ID: 1022-362 Callaway Borehole		Sample #: 201703270072	
Iron, Total, ICAP	EPA 200.7	0.02	ND
Magnesium, Total, ICAP	EPA 200.7	0.1	2.5
Manganese, Total, ICAP/MS	EPA 200.8	0.002	ND
Orthophosphate-P	4500P-E/365.1	0.01	0.018
pH (units)	SM4500-HB	0.1	7.0
Phenolic Compounds-low level	EPA 420.4	0.001	ND
Potassium, Total, ICAP	EPA 200.7	1	1.6
Silver, Total, ICAP/MS	EPA 200.8	0.0005	ND
Sodium, Total, ICAP	EPA 200.7	1	1.7
Specific Conductance, umho/cm	SM2510B	2	55
Sulfate	EPA 300.0	0.5	0.84
Total Dissolved Solids (TDS)	E160.1/SM2540C	10	34
Uranium, Total, ICAP/MS	EPA 200.8	0.001	ND
Uranium, Total, ICAP/MS as pCi/L	EPA 200.8	0.7	ND
Zinc, Total, ICAP/MS	EPA 200.8	0.02	ND
Physical			
Color (ACU)	SM 2120B	3	ND
Odor at 60C (TON)	SM 2150B	1	2.0
Turbidity (NTU)	EPA 180.1	0.1	0.16
Volatile Organic Compounds			
Benzene	EPA 524.2	0.0005	ND
Bromobenzene	EPA 524.2	0.0005	ND
Bromochloromethane	EPA 524.2	0.0005	ND
Bromodichloromethane	EPA 524.2	0.0005	ND
Bromoform	EPA 524.2	0.0005	ND
Bromomethane	EPA 524.2	0.0005	ND
n-Butylbenzene	EPA 524.2	0.0005	ND
sec-Butylbenzene	EPA 524.2	0.0005	ND
tert-Butylbenzene	EPA 524.2	0.0005	ND
Carbon Tetrachloride	EPA 524.2	0.0005	ND
Chlorobenzene	EPA 524.2	0.0005	ND
Chloroethane	EPA 524.2	0.0005	ND
Chloroform (Trichloromethane)	EPA 524.2	0.0005	ND

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Parameter	Method	Reporting Limit	Result
Sample ID: 1022-362 Callaway Borehole		Sample #: 201703270072	
Chloromethane(Methyl Chloride)	EPA 524.2	0.0005	ND
2-Chlorotoluene	EPA 524.2	0.0005	ND
4-Chlorotoluene	EPA 524.2	0.0005	ND
Chlorodibromomethane	EPA 524.2	0.0005	ND
Dibromomethane	EPA 524.2	0.0005	ND
1,2-Dichlorobenzene (1,2-DCB)	EPA 524.2	0.0005	ND
1,3-Dichlorobenzene	EPA 524.2	0.0005	ND
1,4-Dichlorobenzene	EPA 524.2	0.0005	ND
Dichlorodifluoromethane	EPA 524.2	0.0005	ND
1,1-Dichloroethane	EPA 524.2	0.0005	ND
1,2-Dichloroethane	EPA 524.2	0.0005	ND
1,1-Dichloroethylene	EPA 524.2	0.0005	ND
cis-1,2-Dichloroethylene	EPA 524.2	0.0005	ND
trans-1,2-Dichloroethylene	EPA 524.2	0.0005	ND
1,2-Dichloropropane	EPA 524.2	0.0005	ND
1,3-Dichloropropane	EPA 524.2	0.0005	ND
2,2-Dichloropropane	EPA 524.2	0.0005	ND
1,1-Dichloropropene	EPA 524.2	0.0005	ND
cis-1,3-Dichloropropene	EPA 524.2	0.0005	ND
trans-1,3-Dichloropropene	EPA 524.2	0.0005	ND
Di-Isopropyl ether	EPA 524.2	0.003	ND
Ethyl benzene	EPA 524.2	0.0005	ND
Hexachlorobutadiene	EPA 524.2	0.0005	ND
Isopropylbenzene	EPA 524.2	0.0005	ND
4-Isopropyltoluene	EPA 524.2	0.0005	ND
4-Methyl-2-Pentanone (MIBK)	EPA 524.2	0.005	ND
Methyl Tert-butyl ether (MTBE)	EPA 524.2	0.0005	ND
Methyl Ethyl Ketone (MEK)	EPA 524.2	0.005	ND
Methylene Chloride (Dichloromethane)	EPA 524.2	0.0005	ND
Naphthalene	EPA 524.2	0.0005	ND
n-Propylbenzene	EPA 524.2	0.0005	ND
Styrene	EPA 524.2	0.0005	ND
Tert-Amyl Methyl Ether (TAME)	EPA 524.2	0.003	ND
Tert-Butyl Ethyl Ether (TBEE)	EPA 524.2	0.003	ND
1,1,1,2-Tetrachloroethane	EPA 524.2	0.0005	ND

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ND - Not detected at the specified limit

750 Royal Oaks Drive, Suite 100
Monrovia, California 91016-3629
Tel: (626) 386-1100
Fax: (626) 386-1101
1 800 566 LABS (1 800 566 5227)

Client: Callaway Blue Springs Water Company, Inc.
3120 Ga Hwy 116
Hamilton, GA 31811
Attention: (1022) Water Quality Manager

Report Date: 05/12/2017

Parameter	Method	Reporting Limit	Result
Sample ID: 1022-362 Callaway Borehole		Sample #: 201703270072	
1,1,2,2-Tetrachloroethane	EPA 524.2	0.0005	ND
Tetrachloroethylene (PCE)	EPA 524.2	0.0005	ND
Toluene	EPA 524.2	0.0005	ND
1,2,3-Trichlorobenzene	EPA 524.2	0.0005	ND
1,2,4-Trichlorobenzene	EPA 524.2	0.0005	ND
1,1,1-Trichloroethane	EPA 524.2	0.0005	ND
1,1,2-Trichloroethane	EPA 524.2	0.0005	ND
Trichloroethylene (TCE)	EPA 524.2	0.0005	ND
Trichlorofluoromethane (Freon 11)	EPA 524.2	0.0005	ND
Trichlorotrifluoroethane(Freon 113)	EPA 524.2	0.0005	ND
1,2,3-Trichloropropane	EPA 524.2	0.0005	ND
1,2,4-Trimethylbenzene	EPA 524.2	0.0005	ND
1,3,5-Trimethylbenzene	EPA 524.2	0.0005	ND
Vinyl chloride (VC)	EPA 524.2	0.0003	ND
Total xylenes	EPA 524.2	0.0005	ND
m,p-Xylenes	EPA 524.2	0.0005	ND
o-Xylene	EPA 524.2	0.0005	ND
Carbon Disulfide	EPA 524.2	0.0005	ND
EDB and DBCP			
Dibromochloropropane (DBCP)	EPA 551.1	0.00001	ND
Ethylene Dibromide (EDB)	EPA 551.1	0.00001	ND
Pesticides and PCBs			
Alachlor (Alanex)	EPA 505	0.0001	ND
Aldrin	EPA 505	0.00001	ND
Chlordane	EPA 505	0.0001	ND
Dieldrin	EPA 505	0.00001	ND
Endrin	EPA 505	0.00001	ND
Heptachlor	EPA 505	0.00001	ND
Heptachlor Epoxide	EPA 505	0.00001	ND
Lindane (gamma-BHC)	EPA 505	0.00001	ND
Methoxychlor	EPA 505	0.00005	ND
Total PCBs	EPA 505	0.0001	ND
PCB 1016 Aroclor	EPA 505	0.00008	ND

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Sample ID: 1022-362 Callaway Borehole		Sample #: 201703270072	
PCB 1221 Aroclor	EPA 505	0.0001	ND
PCB 1232 Aroclor	EPA 505	0.0001	ND
PCB 1242 Aroclor	EPA 505	0.0001	ND
PCB 1248 Aroclor	EPA 505	0.0001	ND
PCB 1254 Aroclor	EPA 505	0.0001	ND
PCB 1260 Aroclor	EPA 505	0.0001	ND
Toxaphene	EPA 505	0.0005	ND
Herbicides			
2,4,5-T	EPA 515.4	0.0002	ND
2,4,5-TP (Silvex)	EPA 515.4	0.0002	ND
2,4-D	EPA 515.4	0.0001	ND
2,4-DB	EPA 515.4	0.002	ND
Dichlorprop	EPA 515.4	0.0005	ND
Acifluorfen	EPA 515.4	0.0002	ND
Bentazon	EPA 515.4	0.0005	ND
Dalapon	EPA 515.4	0.001	ND
3,5-Dichlorobenzoic acid	EPA 515.4	0.0005	ND
Tot DCPA Mono&Diacid Degradate	EPA 515.4	0.0001	ND
Dicamba	EPA 515.4	0.0001	ND
Dinoseb	EPA 515.4	0.0002	ND
Pentachlorophenol	EPA 515.4	0.00004	ND
Picloram	EPA 515.4	0.0001	ND
Semivolatile Organic Compounds			
Acenaphthene	EPA 525.2	0.0001	ND
Acenaphthylene	EPA 525.2	0.0001	ND
Acetochlor	EPA 525.2	0.0001	ND
Alpha-BHC	EPA 525.2	0.0001	ND
alpha-Chlordane	EPA 525.2	0.00005	ND
Anthracene	EPA 525.2	0.00002	ND
Atrazine	EPA 525.2	0.00005	ND
Benz(a)Anthracene	EPA 525.2	0.00005	ND
Benzo(a)pyrene	EPA 525.2	0.00002	ND
Benzo(g,h,i)Perylene	EPA 525.2	0.00005	ND

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Sample ID: 1022-362 Callaway Borehole		Sample #: 201703270072	
Benzo(b)Fluoranthene	EPA 525.2	0.00002	ND
Benzo(k)Fluoranthene	EPA 525.2	0.00002	ND
Beta BHC	EPA 525.2	0.0001	ND
Butachlor	EPA 525.2	0.00005	ND
Butylbenzylphthalate	EPA 525.2	0.0005	ND
Caffeine	EPA 525.2	0.00005	ND
Chlorobenzilate	EPA 525.2	0.0001	ND
Chloroneb	EPA 525.2	0.0001	ND
Chlorothalonil	EPA 525.2	0.0001	ND
Chlorpyrifos	EPA 525.2	0.00005	ND
Chrysene	EPA 525.2	0.00002	ND
Bromacil	EPA 525.2	0.0002	ND
4,4-DDD	EPA 525.2	0.0001	ND
4,4-DDE	EPA 525.2	0.0001	ND
4,4-DDT	EPA 525.2	0.0001	ND
Delta BHC	EPA 525.2	0.0001	ND
Dibenz(a,h)Anthracene	EPA 525.2	0.00005	ND
Diethylphthalate	EPA 525.2	0.0005	ND
Di(2-Ethylhexyl)phthalate	EPA 525.2	0.0006	ND
Diazinon (Qualitative)	EPA 525.2	0.0001	ND
Dieldrin	EPA 525.2	0.0002	ND
Dichlorvos (DDVP)	EPA 525.2	0.00005	ND
Dimethoate	EPA 525.2	0.0001	ND
Di-n-Butylphthalate	EPA 525.2	0.001	ND
2,4-Dinitrotoluene	EPA 525.2	0.0001	ND
Di-n-octylphthalate	EPA 525.2	0.0001	ND
2,6-Dinitrotoluene	EPA 525.2	0.0001	ND
Di-(2-Ethylhexyl)adipate	EPA 525.2	0.0006	ND
Dimethylphthalate	EPA 525.2	0.0005	ND
Endosulfan I (Alpha)	EPA 525.2	0.0001	ND
Endosulfan II (Beta)	EPA 525.2	0.0001	ND
Endosulfan Sulfate	EPA 525.2	0.0001	ND
Endrin Aldehyde	EPA 525.2	0.0001	ND
EPTC	EPA 525.2	0.0001	ND
Fluoranthene	EPA 525.2	0.0001	ND

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ND - Not detected at the specified limit

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Parameter	Method	Reporting Limit	Result
Sample ID: 1022-362 Callaway Borehole		Sample #: 201703270072	
Fluorene	EPA 525.2	0.00005	ND
gamma-Chlordane	EPA 525.2	0.00005	ND
Heptachlor	EPA 525.2	0.00003	ND
Hexachlorobenzene	EPA 525.2	0.00005	ND
Hexachlorocyclopentadiene	EPA 525.2	0.00005	ND
Indeno(1,2,3,c,d)Pyrene	EPA 525.2	0.00005	ND
Isophorone	EPA 525.2	0.0005	ND
Malathion	EPA 525.2	0.0001	ND
Metolachlor	EPA 525.2	0.00005	ND
Metribuzin	EPA 525.2	0.00005	ND
Molinate	EPA 525.2	0.0001	ND
Naphthalene	EPA 525.2	0.0003	ND
trans-Nonachlor	EPA 525.2	0.00005	ND
Parathion	EPA 525.2	0.0001	ND
Pentachlorophenol	EPA 525.2	0.001	ND
Pendimethalin	EPA 525.2	0.0001	ND
Permethrin	EPA 525.2	0.0001	ND
Phenanthrene	EPA 525.2	0.00004	ND
Propachlor	EPA 525.2	0.00005	ND
Pyrene	EPA 525.2	0.00005	ND
Simazine	EPA 525.2	0.00005	ND
Terbutylazine	EPA 525.2	0.0001	ND
Terbacil	EPA 525.2	0.0001	ND
Thiobencarb	EPA 525.2	0.0002	ND
Trifluralin	EPA 525.2	0.0001	ND
Carbamates			
Aldicarb (Temik)	EPA 531.2	0.0005	ND
Aldicarb sulfone	EPA 531.2	0.0005	ND
Aldicarb sulfoxide	EPA 531.2	0.0005	ND
Baygon (Propoxur)	EPA 531.2	0.0005	ND
Carbaryl	EPA 531.2	0.0005	ND
Carbofuran (Furadan)	EPA 531.2	0.0005	ND
3 Hydroxycarbofuran	EPA 531.2	0.0005	ND
Methiocarb	EPA 531.2	0.0005	ND

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Parameter	Method	Reporting Limit	Result
Sample ID: 1022-362 Callaway Borehole		Sample #: 201703270072	
Methomyl	EPA 531.2	0.0005	ND
Oxamyl (Vydate)	EPA 531.2	0.0005	ND
Other Organics			
Glyphosate	EPA 547	0.006	ND
Endothall	EPA 548.1	0.005	ND
Diquat	EPA 549.2	0.0004	ND
Paraquat	EPA 549.2	0.002	ND
Disinfection By-products			
Bromate	EPA 317	0.005	ND
Total Haloacetic Acids	SM 6251B	0.002	ND
Total Haloacetic Acids	SM 6251B	0.002	ND
Bromochloroacetic acid	SM 6251B	0.001	ND
Dibromoacetic acid	SM 6251B	0.001	ND
Dichloroacetic acid	SM 6251B	0.001	ND
Monobromoacetic acid	SM 6251B	0.001	ND
Monochloroacetic acid	SM 6251B	0.002	ND
Trichloroacetic acid	SM 6251B	0.001	ND
Total Trihalomethanes	EPA 524.2	0.0005	ND
Other Compounds			
Perchlorate	EPA 331.0	0.0005	ND
Alpha, Gross, pCi/L	EPA 900.0	3	ND
Beta, Gross, pCi/L	EPA 900.0	3	ND
Radon 222, pCi/L	SM 7500RN	50	550
Radium 226, pCi/L	Ra-226 GA	1	ND
Radium 228, pCi/L	RA-228 GA	1	ND
2,3,7,8-TCDD	EPA 1613B	0.000000005	ND
Silica	EPA 200.7	0.5	15



EMSL Analytical, Inc.

200 Route 130 North Cinnaminson, NJ 08077
Phone/Fax: (800) 220-3675 / (856) 786-5974
<http://www.EMSL.com> / cinnaslab@EMSL.com

EMSL Order ID: 041710479
Customer ID: MWHL78
Customer PO: 99-47414
Project ID:

Attn: Jackie Contreras
Eurofins Eaton Analytical
750 Royal Oaks Drive
Suite 100
Monrovia, CA 91016

Phone: (626) 386-1100
Fax: (626) 386-1101
Collected: 04/12/2017
Received: 04/15/2017
Analyzed: 04/21/2017

Proj: Folder# 647323 - Job# 1000014 - 1022-362 Callaway Borehole

Test Report: Determination of Asbestos Structures >10µm in Drinking Water Performed by the 100.2 Method (EPA 600/R-94/134)

Sample ID Client / EMSL	Sample Filtration Date/Time	Original Sample Vol. Filtered (ml)	Effective Filter Area (mm²)	Area Analyzed (mm²)	ASBESTOS				
					Asbestos Types	Fibers Detected	Analytical Sensitivity	Concentration	Confidence Limits
					MFL (million fibers per liter)				
201703270072	4/18/2017	100	1387	0.0780	None Detected	ND	0.18	<0.18	0.00 - 0.66
041710479-0001	08:45 AM								

Sample ozonated prior to analysis due to lab receipt time exceeding 48hr method hold time.

Analyst(s)

Debbie Little (1)

Benjamin Ellis, Laboratory Manager
or Other Approved Signatory

Any questions please contact Benjamin Ellis.

Initial report from: 04/22/2017 00:00:36

Sample collection and containers provided by the client, acceptable bottle blank level is defined as ≤ 0.01 MFL > 10µm. ND=None Detected. This report may not be reproduced, except in full, without written permission by EMSL Analytical, Inc. The test results contained within this report meet the requirements of NELAC unless otherwise noted. This report relates only to the samples reported above. Samples received in good condition unless otherwise noted.

Samples analyzed by EMSL Analytical, Inc. Cinnaminson, NJ NELAC NYS ELAP 10872, NJ DEP 03036, FL DOH E87975, PA ID# 68-00367

