Groundwater
& Environmental Services, Inc.

2142 Priest Bridge Court • Suite 1 • Crofton, Maryland 21114 • (800) 220-3606 • FAX (410) 721-3733

September 9, 2011

Mr. Phillip Breece
2319 Churchville Road
Bel Air, MD 21015

Re: Potable Well Sampling Results
2319 Churchville Road Bel Air, MD 21015

Dear Mr. Breece:

Groundwater & Environmental Services, Inc. (GES), on behalf of Drake Petroleum Company Inc. (Drake) would like to thank you for allowing us to conduct sampling of your drinking water well on August 29, 2011.

The water sample from your well was analyzed for volatile organic compounds (VOCs) including petroleum constituents, using a U.S. Environmental Protection Agency (EPA) approved method for drinking water samples (US EPA Method 524.2). The following constituents were detected in your drinking water well at estimated levels less than the reporting limit: Chloroform (0.12 micrograms per Liter (ug/L)); Chloromethane (0.25ug/L); and Methyl Tery Butyl Ether (0.45 ug/L). All detected constituents were below MDE drinking water standards. The MDE drinking water standard for Chloroform is 80 ug/L, Chloromethane is 2.1 ug/L, and Methyl Tert Butyl Ether is 20 ug/L which can be found in the Maryland State Code COMAR 26.08.02.03-2. Your analytical results are attached.

As you know, sampling of your drinking water well was conducted by Drake as part of a groundwater investigation being conducted in cooperation with the Maryland Department of the Environment (MDE) and the Harford County Health Department. Drake would like to sample the water from your potable well again in the month of September, 2012, as directed by the Maryland Department of the Environment (MDE). GES will contact you regarding the next round of sampling.

Again, thank you for your patience and cooperation. If you have any questions regarding the enclosed test results feel free to call GES at (800) 220-3606, extension 3703.

Sincerely,
GROUNDATER & ENVIRONMENTAL SERVICES, INC.

Andrea Taylorson-Collins
Project Manager

Enclosure

c: Eric Harvey, Drake- via electronic submittal
Susan Bull, Maryland Department of the Environment- via mail
Jeanette Debartolomeo, Maryland Department of the Environment- via mail
Peter Smith, Harford County Health Department- via mail

Accutest LabLink@19:23 07-Sep-2011

Report of Analysis

Client Sample ID: 2319 CHURCHVILLE RD
Lab Sample ID: JA84895-5 **Date Sampled:** 08/29/11
Matrix: DW - Drinking Water **Date Received:** 08/30/11
Method: EPA 524.2 REV 4.1 **Percent Solids:** n/a
Project: GESMD:PC# 007805 Drake/Bel Air, 2476 Churchville Road, Bel Air, MD

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1B59730.D	1	09/01/11	MFH	n/a	n/a	V1B2746
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA List

CAS No.	Compound	Result	MCL	RL	MDL	Units	Q
67-64-1	Acetone	ND		5.0	1.5	ug/l	
78-93-3	2-Butanone	ND		5.0	0.91	ug/l	
71-43-2	Benzene	ND	5.0	0.50	0.034	ug/l	
108-86-1	Bromobenzene	ND		0.50	0.086	ug/l	
74-97-5	Bromochloromethane	ND		0.50	0.15	ug/l	
75-27-4	Bromodichloromethane	ND		0.50	0.063	ug/l	
75-25-2	Bromoform	ND		0.50	0.11	ug/l	
74-83-9	Bromomethane	ND		0.50	0.21	ug/l	
104-51-8	n-Butylbenzene	ND		0.50	0.086	ug/l	
135-98-8	sec-Butylbenzene	ND		0.50	0.19	ug/l	
98-06-6	tert-Butylbenzene	ND		0.50	0.052	ug/l	
75-15-0	Carbon disulfide	ND		0.50	0.042	ug/l	
108-90-7	Chlorobenzene	ND	100	0.50	0.067	ug/l	
75-00-3	Chloroethane	ND		0.50	0.22	ug/l	
67-66-3	Chloroform	0.12		0.50	0.075	ug/l	J
74-87-3	Chloromethane	0.25		0.50	0.082	ug/l	J
95-49-8	o-Chlorotoluene	ND		0.50	0.093	ug/l	
106-43-4	p-Chlorotoluene	ND		0.50	0.058	ug/l	
56-23-5	Carbon tetrachloride	ND	5.0	0.50	0.086	ug/l	
75-34-3	1,1-Dichloroethane	ND		0.50	0.072	ug/l	
75-35-4	1,1-Dichloroethylene	ND	7.0	0.50	0.20	ug/l	
563-58-6	1,1-Dichloropropene	ND		0.50	0.13	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	0.20	1.0	0.23	ug/l	
106-93-4	1,2-Dibromoethane	ND	0.050	0.50	0.069	ug/l	
107-06-2	1,2-Dichloroethane	ND	5.0	0.50	0.073	ug/l	
78-87-5	1,2-Dichloropropane	ND	5.0	0.50	0.12	ug/l	
142-28-9	1,3-Dichloropropane	ND		0.50	0.073	ug/l	
594-20-7	2,2-Dichloropropane	ND		0.50	0.18	ug/l	
124-48-1	Dibromochloromethane	ND		0.50	0.092	ug/l	
74-95-3	Dibromomethane	ND		0.50	0.12	ug/l	
75-71-8	Dichlorodifluoromethane	ND		1.0	0.20	ug/l	
541-73-1	m-Dichlorobenzene	ND		0.50	0.049	ug/l	

ND = Not detected MDL - Method Detection Limit
MCL = Maximum Contamination Level (40 CFR 141)
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

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CAS No.	Compound	Result	MCL	RL	MDL	Units	Q
95-50-1	o-Dichlorobenzene	ND	600	0.50	0.069	ug/l	
106-46-7	p-Dichlorobenzene	ND	75	0.50	0.062	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	100	0.50	0.11	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	70	0.50	0.14	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND		0.50	0.085	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND		0.50	0.051	ug/l	
108-20-3	Di-Isopropyl ether	ND		0.50	0.10	ug/l	
100-41-4	Ethylbenzene	ND	700	0.50	0.20	ug/l	
637-92-3	Ethyl tert Butyl Ether	ND		0.50	0.076	ug/l	
87-68-3	Hexachlorobutadiene	ND		2.0	0.077	ug/l	
110-54-3	Hexane	ND		0.50	0.13	ug/l	
591-78-6	2-Hexanone	ND		2.0	0.37	ug/l	
98-82-8	Isopropylbenzene	ND		0.50	0.16	ug/l	
99-87-6	p-Isopropyltoluene	ND		0.50	0.096	ug/l	
75-09-2	Methylene chloride	ND	5.0	0.50	0.13	ug/l	
1634-04-4	Methyl Tert Butyl Ether	0.45		0.50	0.058	ug/l	J
108-10-1	4-Methyl-2-pentanone	ND		2.0	0.28	ug/l	
91-20-3	Naphthalene	ND		0.50	0.12	ug/l	
103-65-1	n-Propylbenzene	ND		0.50	0.064	ug/l	
100-42-5	Styrene	ND	100	0.50	0.052	ug/l	
994-05-8	tert-Amyl Methyl Ether	ND		0.50	0.14	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND		0.50	0.065	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	200	0.50	0.078	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND		0.50	0.10	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	5.0	0.50	0.12	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND		0.50	0.058	ug/l	
96-18-4	1,2,3-Trichloropropane	ND		0.50	0.24	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	70	0.50	0.14	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND		0.50	0.089	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND		0.50	0.19	ug/l	
127-18-4	Tetrachloroethylene	ND	5.0	0.50	0.085	ug/l	
108-88-3	Toluene	ND	1000	0.50	0.067	ug/l	
79-01-6	Trichloroethylene	ND	5.0	0.50	0.083	ug/l	
75-69-4	Trichlorofluoromethane	ND		1.0	0.13	ug/l	
75-65-0	Tertiary Butyl Alcohol	ND		5.0	1.2	ug/l	
75-01-4	Vinyl chloride	ND	2.0	0.50	0.12	ug/l	
	m,p-Xylene	ND		1.0	0.26	ug/l	
95-47-6	o-Xylene	ND		0.50	0.044	ug/l	
1330-20-7	Xylenes (total)	ND	10000	0.50	0.044	ug/l	

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VOA List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
2199-69-1	1,2-Dichlorobenzene-d4	93%		78-114%
460-00-4	4-Bromofluorobenzene	93%		77-115%

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