

## Technical Report for

**Drake Petroleum Company, Inc.**

**BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD**

**146282.005.003**

**Accutest Job Number: JB88159**

**Sampling Date: 02/11/15**

### Report to:

**Brown & Caldwell**

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**ATTN: Jen Maciejewski**

**Total number of pages in report: 17**



Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Program and/or state specific certification programs as applicable.



**Nancy Cole**  
**Laboratory Director**

**Client Service contact: Victoria Pushkova 732-329-0200**

Certifications: NJ(12129), NY(10983), CA, CT, DE, FL, IL, IN, KS, KY, LA, MA, MD, MI, MT, NC, OH VAP (CL0056), AK (UST-103), AZ (AZ0786), PA, RI, SC, TN, VA, WV, DoD ELAP (L-A-B L2248)

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# Table of Contents

-1-

<b>Section 1: Sample Summary</b> .....	<b>3</b>
<b>Section 2: Summary of Hits</b> .....	<b>4</b>
<b>Section 3: Sample Results</b> .....	<b>5</b>
<b>3.1:</b> JB88159-1: POET-PRE-150211 .....	6
<b>3.2:</b> JB88159-2: POET-MID2-150211 .....	9
<b>3.3:</b> JB88159-3: POET-POST-150211 .....	12
<b>Section 4: Misc. Forms</b> .....	<b>15</b>
<b>4.1:</b> Chain of Custody .....	16



## Sample Summary

Drake Petroleum Company, Inc.

Job No: JB88159

BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD

Project No: 146282.005.003

Sample Number	Collected		Received	Matrix		Client Sample ID
	Date	Time By		Code	Type	
JB88159-1	02/11/15	14:20 BQ	02/12/15	DW	Drinking Water	POET-PRE-150211
JB88159-2	02/11/15	14:25 BQ	02/12/15	DW	Drinking Water	POET-MID2-150211
JB88159-3	02/11/15	14:30 BQ	02/12/15	DW	Drinking Water	POET-POST-150211

# Summary of Hits

**Job Number:** JB88159  
**Account:** Drake Petroleum Company, Inc.  
**Project:** BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD  
**Collected:** 02/11/15

2

Lab Sample ID	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
<b>JB88159-1</b>	<b>POET-PRE-150211</b>					
Acetone		1.1 J	5.0	0.76	ug/l	EPA 524.2 REV 4.1
Benzene		15.7	0.50	0.028	ug/l	EPA 524.2 REV 4.1
Di-Isopropyl ether		1.0	0.50	0.031	ug/l	EPA 524.2 REV 4.1
Ethyl tert Butyl Ether		0.28 J	0.50	0.031	ug/l	EPA 524.2 REV 4.1
Isopropylbenzene		0.26 J	0.50	0.051	ug/l	EPA 524.2 REV 4.1
Methylene chloride		0.20 J	0.50	0.051	ug/l	EPA 524.2 REV 4.1
Methyl Tert Butyl Ether		300	13	1.4	ug/l	EPA 524.2 REV 4.1
Naphthalene		0.61	0.50	0.050	ug/l	EPA 524.2 REV 4.1
tert-Amyl Methyl Ether		9.0	0.50	0.048	ug/l	EPA 524.2 REV 4.1
1,2,4-Trimethylbenzene		0.32 J	0.50	0.081	ug/l	EPA 524.2 REV 4.1
Tertiary Butyl Alcohol		107	5.0	0.54	ug/l	EPA 524.2 REV 4.1
m,p-Xylene		0.24 J	0.50	0.11	ug/l	EPA 524.2 REV 4.1
o-Xylene		0.22 J	0.50	0.046	ug/l	EPA 524.2 REV 4.1
Xylenes (total)		0.46 J	0.50	0.046	ug/l	EPA 524.2 REV 4.1
Total TIC, Volatile		10.62 J			ug/l	
<b>JB88159-2</b>	<b>POET-MID2-150211</b>					
Tertiary Butyl Alcohol		2.0 J	5.0	0.54	ug/l	EPA 524.2 REV 4.1
Total TIC, Volatile		1.5 J			ug/l	
<b>JB88159-3</b>	<b>POET-POST-150211</b>					
Tertiary Butyl Alcohol		1.4 J	5.0	0.54	ug/l	EPA 524.2 REV 4.1
Total TIC, Volatile		2.19 J			ug/l	

**Sample Results**

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**Report of Analysis**

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## Report of Analysis

Client Sample ID:	POET-PRE-150211	Date Sampled:	02/11/15
Lab Sample ID:	JB88159-1	Date Received:	02/12/15
Matrix:	DW - Drinking Water	Percent Solids:	n/a
Method:	EPA 524.2 REV 4.1		
Project:	BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1B95693.D	1	02/13/15	MD	n/a	n/a	V1B4528
Run #2	1B95705.D	25	02/13/15	MD	n/a	n/a	V1B4528

Run #	Purge Volume
Run #1	5.0 ml
Run #2	5.0 ml

## VOA List

CAS No.	Compound	Result	MCL	RL	MDL	Units	Q
67-64-1	Acetone	1.1		5.0	0.76	ug/l	J
78-93-3	2-Butanone	ND		5.0	0.32	ug/l	
71-43-2	Benzene	15.7	5.0	0.50	0.028	ug/l	
108-86-1	Bromobenzene	ND		0.50	0.062	ug/l	
74-97-5	Bromochloromethane	ND		0.50	0.054	ug/l	
75-27-4	Bromodichloromethane	ND		0.50	0.034	ug/l	
75-25-2	Bromoform	ND		0.50	0.038	ug/l	
74-83-9	Bromomethane	ND		0.50	0.099	ug/l	
104-51-8	n-Butylbenzene	ND		0.50	0.028	ug/l	
135-98-8	sec-Butylbenzene	ND		0.50	0.17	ug/l	
98-06-6	tert-Butylbenzene	ND		0.50	0.021	ug/l	
75-15-0	Carbon disulfide	ND		0.50	0.051	ug/l	
108-90-7	Chlorobenzene	ND	100	0.50	0.023	ug/l	
75-00-3	Chloroethane	ND		0.50	0.070	ug/l	
67-66-3	Chloroform	ND		0.50	0.066	ug/l	
74-87-3	Chloromethane	ND		0.50	0.078	ug/l	
95-49-8	o-Chlorotoluene	ND		0.50	0.040	ug/l	
106-43-4	p-Chlorotoluene	ND		0.50	0.028	ug/l	
56-23-5	Carbon tetrachloride	ND	5.0	0.50	0.092	ug/l	
75-34-3	1,1-Dichloroethane	ND		0.50	0.026	ug/l	
75-35-4	1,1-Dichloroethylene	ND	7.0	0.50	0.083	ug/l	
563-58-6	1,1-Dichloropropene	ND		0.50	0.061	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	0.20	1.0	0.12	ug/l	
106-93-4	1,2-Dibromoethane	ND	0.050	0.50	0.048	ug/l	
107-06-2	1,2-Dichloroethane	ND	5.0	0.50	0.030	ug/l	
78-87-5	1,2-Dichloropropane	ND	5.0	0.50	0.050	ug/l	
142-28-9	1,3-Dichloropropane	ND		0.50	0.064	ug/l	
594-20-7	2,2-Dichloropropane	ND		0.50	0.064	ug/l	
124-48-1	Dibromochloromethane	ND		0.50	0.036	ug/l	
74-95-3	Dibromomethane	ND		0.50	0.044	ug/l	
75-71-8	Dichlorodifluoromethane	ND		0.50	0.047	ug/l	
541-73-1	m-Dichlorobenzene	ND		0.50	0.060	ug/l	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

MCL = Maximum Contamination Level (40 CFR 141)

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

## Report of Analysis

Client Sample ID:	POET-PRE-150211	Date Sampled:	02/11/15
Lab Sample ID:	JB88159-1	Date Received:	02/12/15
Matrix:	DW - Drinking Water	Percent Solids:	n/a
Method:	EPA 524.2 REV 4.1		
Project:	BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

## VOA List

CAS No.	Compound	Result	MCL	RL	MDL	Units	Q
95-50-1	o-Dichlorobenzene	ND	600	0.50	0.045	ug/l	
106-46-7	p-Dichlorobenzene	ND	75	0.50	0.021	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	100	0.50	0.021	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	70	0.50	0.067	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND		0.50	0.026	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND		0.50	0.022	ug/l	
108-20-3	Di-Isopropyl ether	1.0		0.50	0.031	ug/l	
100-41-4	Ethylbenzene	ND	700	0.50	0.024	ug/l	
637-92-3	Ethyl tert Butyl Ether	0.28		0.50	0.031	ug/l	J
87-68-3	Hexachlorobutadiene	ND		0.50	0.049	ug/l	
110-54-3	Hexane	ND		0.50	0.038	ug/l	
591-78-6	2-Hexanone	ND		2.0	0.12	ug/l	
98-82-8	Isopropylbenzene	0.26		0.50	0.051	ug/l	J
99-87-6	p-Isopropyltoluene	ND		0.50	0.093	ug/l	
75-09-2	Methylene chloride	0.20	5.0	0.50	0.051	ug/l	J
1634-04-4	Methyl Tert Butyl Ether	300 <sup>a</sup>		13	1.4	ug/l	
108-10-1	4-Methyl-2-pentanone	ND		2.0	0.18	ug/l	
91-20-3	Naphthalene	0.61		0.50	0.050	ug/l	
103-65-1	n-Propylbenzene	ND		0.50	0.075	ug/l	
100-42-5	Styrene	ND	100	0.50	0.033	ug/l	
994-05-8	tert-Amyl Methyl Ether	9.0		0.50	0.048	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND		0.50	0.053	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	200	0.50	0.027	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND		0.50	0.038	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	5.0	0.50	0.059	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND		0.50	0.059	ug/l	
96-18-4	1,2,3-Trichloropropane	ND		0.50	0.066	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	70	0.50	0.045	ug/l	
95-63-6	1,2,4-Trimethylbenzene	0.32		0.50	0.081	ug/l	J
108-67-8	1,3,5-Trimethylbenzene	ND		0.50	0.075	ug/l	
127-18-4	Tetrachloroethylene	ND	5.0	0.50	0.047	ug/l	
108-88-3	Toluene	ND	1000	0.50	0.071	ug/l	
79-01-6	Trichloroethylene	ND	5.0	0.50	0.030	ug/l	
75-69-4	Trichlorofluoromethane	ND		1.0	0.080	ug/l	
75-65-0	Tertiary Butyl Alcohol	107		5.0	0.54	ug/l	
75-01-4	Vinyl chloride	ND	2.0	0.50	0.043	ug/l	
	m,p-Xylene	0.24		0.50	0.11	ug/l	J
95-47-6	o-Xylene	0.22		0.50	0.046	ug/l	J
1330-20-7	Xylenes (total)	0.46	10000	0.50	0.046	ug/l	J

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

## Report of Analysis

3.1  
3

<b>Client Sample ID:</b> POET-PRE-150211		<b>Date Sampled:</b> 02/11/15
<b>Lab Sample ID:</b> JB88159-1		<b>Date Received:</b> 02/12/15
<b>Matrix:</b> DW - Drinking Water		<b>Percent Solids:</b> n/a
<b>Method:</b> EPA 524.2 REV 4.1		
<b>Project:</b> BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

**VOA List**

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
2199-69-1	1,2-Dichlorobenzene-d4	99%	98%	78-114%
460-00-4	4-Bromofluorobenzene	100%	98%	77-115%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	alkane	4.32	.76	ug/l	J
	alkene	4.57	.9	ug/l	J
	alkane	5.76	1.3	ug/l	J
	alkane	7.12	1.1	ug/l	J
	alcohols	7.46	2.2	ug/l	J
	alkane	7.89	.6	ug/l	J
	Propanal, methyl-	8.72	.97	ug/l	J
75-85-4	Amylene Hydrate	10.94	2.2	ug/l	JN
	alcohols	12.83	.59	ug/l	J
	<b>Total TIC, Volatile</b>		<b>10.62</b>	ug/l	J

(a) Result is from Run# 2

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



## Report of Analysis

32  
3

Client Sample ID: POET-MID2-150211		Date Sampled: 02/11/15
Lab Sample ID: JB88159-2		Date Received: 02/12/15
Matrix: DW - Drinking Water		Percent Solids: n/a
Method: EPA 524.2 REV 4.1		
Project: BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1B95694.D	1	02/13/15	MD	n/a	n/a	V1B4528
Run #2							

Run #	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	0.76	ug/l	
78-93-3	2-Butanone	ND		5.0	0.32	ug/l	
71-43-2	Benzene	ND	5.0	0.50	0.028	ug/l	
108-86-1	Bromobenzene	ND		0.50	0.062	ug/l	
74-97-5	Bromochloromethane	ND		0.50	0.054	ug/l	
75-27-4	Bromodichloromethane	ND		0.50	0.034	ug/l	
75-25-2	Bromoform	ND		0.50	0.038	ug/l	
74-83-9	Bromomethane	ND		0.50	0.099	ug/l	
104-51-8	n-Butylbenzene	ND		0.50	0.028	ug/l	
135-98-8	sec-Butylbenzene	ND		0.50	0.17	ug/l	
98-06-6	tert-Butylbenzene	ND		0.50	0.021	ug/l	
75-15-0	Carbon disulfide	ND		0.50	0.051	ug/l	
108-90-7	Chlorobenzene	ND	100	0.50	0.023	ug/l	
75-00-3	Chloroethane	ND		0.50	0.070	ug/l	
67-66-3	Chloroform	ND		0.50	0.066	ug/l	
74-87-3	Chloromethane	ND		0.50	0.078	ug/l	
95-49-8	o-Chlorotoluene	ND		0.50	0.040	ug/l	
106-43-4	p-Chlorotoluene	ND		0.50	0.028	ug/l	
56-23-5	Carbon tetrachloride	ND	5.0	0.50	0.092	ug/l	
75-34-3	1,1-Dichloroethane	ND		0.50	0.026	ug/l	
75-35-4	1,1-Dichloroethylene	ND	7.0	0.50	0.083	ug/l	
563-58-6	1,1-Dichloropropene	ND		0.50	0.061	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	0.20	1.0	0.12	ug/l	
106-93-4	1,2-Dibromoethane	ND	0.050	0.50	0.048	ug/l	
107-06-2	1,2-Dichloroethane	ND	5.0	0.50	0.030	ug/l	
78-87-5	1,2-Dichloropropane	ND	5.0	0.50	0.050	ug/l	
142-28-9	1,3-Dichloropropane	ND		0.50	0.064	ug/l	
594-20-7	2,2-Dichloropropane	ND		0.50	0.064	ug/l	
124-48-1	Dibromochloromethane	ND		0.50	0.036	ug/l	
74-95-3	Dibromomethane	ND		0.50	0.044	ug/l	
75-71-8	Dichlorodifluoromethane	ND		0.50	0.047	ug/l	
541-73-1	m-Dichlorobenzene	ND		0.50	0.060	ug/l	

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

## Report of Analysis

Client Sample ID:	POET-MID2-150211	Date Sampled:	02/11/15
Lab Sample ID:	JB88159-2	Date Received:	02/12/15
Matrix:	DW - Drinking Water	Percent Solids:	n/a
Method:	EPA 524.2 REV 4.1		
Project:	BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

## VOA List

CAS No.	Compound	Result	MCL	RL	MDL	Units	Q
95-50-1	o-Dichlorobenzene	ND	600	0.50	0.045	ug/l	
106-46-7	p-Dichlorobenzene	ND	75	0.50	0.021	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	100	0.50	0.021	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	70	0.50	0.067	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND		0.50	0.026	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND		0.50	0.022	ug/l	
108-20-3	Di-Isopropyl ether	ND		0.50	0.031	ug/l	
100-41-4	Ethylbenzene	ND	700	0.50	0.024	ug/l	
637-92-3	Ethyl tert Butyl Ether	ND		0.50	0.031	ug/l	
87-68-3	Hexachlorobutadiene	ND		0.50	0.049	ug/l	
110-54-3	Hexane	ND		0.50	0.038	ug/l	
591-78-6	2-Hexanone	ND		2.0	0.12	ug/l	
98-82-8	Isopropylbenzene	ND		0.50	0.051	ug/l	
99-87-6	p-Isopropyltoluene	ND		0.50	0.093	ug/l	
75-09-2	Methylene chloride	ND	5.0	0.50	0.051	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND		0.50	0.056	ug/l	
108-10-1	4-Methyl-2-pentanone	ND		2.0	0.18	ug/l	
91-20-3	Naphthalene	ND		0.50	0.050	ug/l	
103-65-1	n-Propylbenzene	ND		0.50	0.075	ug/l	
100-42-5	Styrene	ND	100	0.50	0.033	ug/l	
994-05-8	tert-Amyl Methyl Ether	ND		0.50	0.048	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND		0.50	0.053	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	200	0.50	0.027	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND		0.50	0.038	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	5.0	0.50	0.059	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND		0.50	0.059	ug/l	
96-18-4	1,2,3-Trichloropropane	ND		0.50	0.066	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	70	0.50	0.045	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND		0.50	0.081	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND		0.50	0.075	ug/l	
127-18-4	Tetrachloroethylene	ND	5.0	0.50	0.047	ug/l	
108-88-3	Toluene	ND	1000	0.50	0.071	ug/l	
79-01-6	Trichloroethylene	ND	5.0	0.50	0.030	ug/l	
75-69-4	Trichlorofluoromethane	ND		1.0	0.080	ug/l	
75-65-0	Tertiary Butyl Alcohol	2.0		5.0	0.54	ug/l	J
75-01-4	Vinyl chloride	ND	2.0	0.50	0.043	ug/l	
	m,p-Xylene	ND		0.50	0.11	ug/l	
95-47-6	o-Xylene	ND		0.50	0.046	ug/l	
1330-20-7	Xylenes (total)	ND	10000	0.50	0.046	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

## Report of Analysis

32  
3

<b>Client Sample ID:</b> POET-MID2-150211		<b>Date Sampled:</b> 02/11/15
<b>Lab Sample ID:</b> JB88159-2		<b>Date Received:</b> 02/12/15
<b>Matrix:</b> DW - Drinking Water		<b>Percent Solids:</b> n/a
<b>Method:</b> EPA 524.2 REV 4.1		
<b>Project:</b> BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

**VOA List**

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
2199-69-1	1,2-Dichlorobenzene-d4	100%		78-114%
460-00-4	4-Bromofluorobenzene	98%		77-115%

  

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	alcohols	7.48	1.5	ug/l	J
	Total TIC, Volatile		1.5	ug/l	J

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

## Report of Analysis

Client Sample ID:	POET-POST-150211	Date Sampled:	02/11/15
Lab Sample ID:	JB88159-3	Date Received:	02/12/15
Matrix:	DW - Drinking Water	Percent Solids:	n/a
Method:	EPA 524.2 REV 4.1		
Project:	BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1B95695.D	1	02/13/15	MD	n/a	n/a	V1B4528
Run #2							

Run #	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	0.76	ug/l	
78-93-3	2-Butanone	ND		5.0	0.32	ug/l	
71-43-2	Benzene	ND	5.0	0.50	0.028	ug/l	
108-86-1	Bromobenzene	ND		0.50	0.062	ug/l	
74-97-5	Bromochloromethane	ND		0.50	0.054	ug/l	
75-27-4	Bromodichloromethane	ND		0.50	0.034	ug/l	
75-25-2	Bromoform	ND		0.50	0.038	ug/l	
74-83-9	Bromomethane	ND		0.50	0.099	ug/l	
104-51-8	n-Butylbenzene	ND		0.50	0.028	ug/l	
135-98-8	sec-Butylbenzene	ND		0.50	0.17	ug/l	
98-06-6	tert-Butylbenzene	ND		0.50	0.021	ug/l	
75-15-0	Carbon disulfide	ND		0.50	0.051	ug/l	
108-90-7	Chlorobenzene	ND	100	0.50	0.023	ug/l	
75-00-3	Chloroethane	ND		0.50	0.070	ug/l	
67-66-3	Chloroform	ND		0.50	0.066	ug/l	
74-87-3	Chloromethane	ND		0.50	0.078	ug/l	
95-49-8	o-Chlorotoluene	ND		0.50	0.040	ug/l	
106-43-4	p-Chlorotoluene	ND		0.50	0.028	ug/l	
56-23-5	Carbon tetrachloride	ND	5.0	0.50	0.092	ug/l	
75-34-3	1,1-Dichloroethane	ND		0.50	0.026	ug/l	
75-35-4	1,1-Dichloroethylene	ND	7.0	0.50	0.083	ug/l	
563-58-6	1,1-Dichloropropene	ND		0.50	0.061	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	0.20	1.0	0.12	ug/l	
106-93-4	1,2-Dibromoethane	ND	0.050	0.50	0.048	ug/l	
107-06-2	1,2-Dichloroethane	ND	5.0	0.50	0.030	ug/l	
78-87-5	1,2-Dichloropropane	ND	5.0	0.50	0.050	ug/l	
142-28-9	1,3-Dichloropropane	ND		0.50	0.064	ug/l	
594-20-7	2,2-Dichloropropane	ND		0.50	0.064	ug/l	
124-48-1	Dibromochloromethane	ND		0.50	0.036	ug/l	
74-95-3	Dibromomethane	ND		0.50	0.044	ug/l	
75-71-8	Dichlorodifluoromethane	ND		0.50	0.047	ug/l	
541-73-1	m-Dichlorobenzene	ND		0.50	0.060	ug/l	

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## Report of Analysis

Client Sample ID:	POET-POST-150211	Date Sampled:	02/11/15
Lab Sample ID:	JB88159-3	Date Received:	02/12/15
Matrix:	DW - Drinking Water	Percent Solids:	n/a
Method:	EPA 524.2 REV 4.1		
Project:	BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

## VOA List

CAS No.	Compound	Result	MCL	RL	MDL	Units	Q
95-50-1	o-Dichlorobenzene	ND	600	0.50	0.045	ug/l	
106-46-7	p-Dichlorobenzene	ND	75	0.50	0.021	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	100	0.50	0.021	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	70	0.50	0.067	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND		0.50	0.026	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND		0.50	0.022	ug/l	
108-20-3	Di-Isopropyl ether	ND		0.50	0.031	ug/l	
100-41-4	Ethylbenzene	ND	700	0.50	0.024	ug/l	
637-92-3	Ethyl tert Butyl Ether	ND		0.50	0.031	ug/l	
87-68-3	Hexachlorobutadiene	ND		0.50	0.049	ug/l	
110-54-3	Hexane	ND		0.50	0.038	ug/l	
591-78-6	2-Hexanone	ND		2.0	0.12	ug/l	
98-82-8	Isopropylbenzene	ND		0.50	0.051	ug/l	
99-87-6	p-Isopropyltoluene	ND		0.50	0.093	ug/l	
75-09-2	Methylene chloride	ND	5.0	0.50	0.051	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND		0.50	0.056	ug/l	
108-10-1	4-Methyl-2-pentanone	ND		2.0	0.18	ug/l	
91-20-3	Naphthalene	ND		0.50	0.050	ug/l	
103-65-1	n-Propylbenzene	ND		0.50	0.075	ug/l	
100-42-5	Styrene	ND	100	0.50	0.033	ug/l	
994-05-8	tert-Amyl Methyl Ether	ND		0.50	0.048	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND		0.50	0.053	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	200	0.50	0.027	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND		0.50	0.038	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	5.0	0.50	0.059	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND		0.50	0.059	ug/l	
96-18-4	1,2,3-Trichloropropane	ND		0.50	0.066	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	70	0.50	0.045	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND		0.50	0.081	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND		0.50	0.075	ug/l	
127-18-4	Tetrachloroethylene	ND	5.0	0.50	0.047	ug/l	
108-88-3	Toluene	ND	1000	0.50	0.071	ug/l	
79-01-6	Trichloroethylene	ND	5.0	0.50	0.030	ug/l	
75-69-4	Trichlorofluoromethane	ND		1.0	0.080	ug/l	
75-65-0	Tertiary Butyl Alcohol	1.4		5.0	0.54	ug/l	J
75-01-4	Vinyl chloride	ND	2.0	0.50	0.043	ug/l	
	m,p-Xylene	ND		0.50	0.11	ug/l	
95-47-6	o-Xylene	ND		0.50	0.046	ug/l	
1330-20-7	Xylenes (total)	ND	10000	0.50	0.046	ug/l	

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## Report of Analysis

<b>Client Sample ID:</b> POET-POST-150211		<b>Date Sampled:</b> 02/11/15
<b>Lab Sample ID:</b> JB88159-3		<b>Date Received:</b> 02/12/15
<b>Matrix:</b> DW - Drinking Water		<b>Percent Solids:</b> n/a
<b>Method:</b> EPA 524.2 REV 4.1		
<b>Project:</b> BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD		

**VOA List**

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
2199-69-1	1,2-Dichlorobenzene-d4	101%		78-114%
460-00-4	4-Bromofluorobenzene	101%		77-115%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	alcohols	7.47	.76	ug/l	J
111-71-7	Heptanal	15.66	.74	ug/l	JN
111-13-7	2-Octanone	16.90	.69	ug/l	JN
	Total TIC, Volatile		2.19	ug/l	J

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## Misc. Forms

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### Custody Documents and Other Forms

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**Includes the following where applicable:**

- Chain of Custody





## Accutest Laboratories Sample Receipt Summary

**Accutest Job Number:** JB88159      **Client:** \_\_\_\_\_      **Project:** \_\_\_\_\_  
**Date / Time Received:** 2/12/2015 4:30:00 PM      **Delivery Method:** \_\_\_\_\_      **Airbill #'s:** \_\_\_\_\_  
**Cooler Temps (Initial/Adjusted):** #1: (1.8/1.5); 0

<b>Cooler Security</b>		<u>Y or N</u>		<u>Y or N</u>
1. Custody Seals Present:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	3. COC Present:	<input checked="" type="checkbox"/> <input type="checkbox"/>
2. Custody Seals Intact:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	4. Smpl Dates/Time OK	<input checked="" type="checkbox"/> <input type="checkbox"/>

<b>Cooler Temperature</b>		<u>Y or N</u>
1. Temp criteria achieved:	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2. Cooler temp verification:	IR Gun	
3. Cooler media:	Ice (Bag)	
4. No. Coolers:	1	

<b>Quality Control Preservation</b>	<u>Y or N</u>	<u>N/A</u>
1. Trip Blank present / cooler:	<input type="checkbox"/>	<input checked="" type="checkbox"/> <input type="checkbox"/>
2. Trip Blank listed on COC:	<input type="checkbox"/>	<input checked="" type="checkbox"/> <input type="checkbox"/>
3. Samples preserved properly:	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4. VOCs headspace free:	<input checked="" type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>

<b>Sample Integrity - Documentation</b>		<u>Y or N</u>
1. Sample labels present on bottles:	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2. Container labeling complete:	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3. Sample container label / COC agree:	<input checked="" type="checkbox"/>	<input type="checkbox"/>

<b>Sample Integrity - Condition</b>		<u>Y or N</u>
1. Sample recvd within HT:	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2. All containers accounted for:	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3. Condition of sample:	Intact	

<b>Sample Integrity - Instructions</b>		<u>Y or N</u>	<u>N/A</u>
1. Analysis requested is clear:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2. Bottles received for unspecified tests	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
3. Sufficient volume recvd for analysis:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
4. Compositing instructions clear:	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
5. Filtering instructions clear:	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Comments

4.1  
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