

**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: JB90884**

**Sampling Date: 03/25/15**

**Report to:**

**Brown & Caldwell**

**JMaciejewski@brwncald.com**

**ATTN: Jen Maciejewski**

**Total number of pages in report: 20**



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 F. Cole*

**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)

This report shall not be reproduced, except in its entirety, without the written approval of Accutest Laboratories.  
Test results relate only to samples analyzed.

# 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: JB90884-1: 5MS-20150325 .....</b>	<b>6</b>
<b>3.2: JB90884-2: 7MS-20150325 .....</b>	<b>9</b>
<b>3.3: JB90884-3: 9MS-20150325 .....</b>	<b>12</b>
<b>3.4: JB90884-4: 2303CHVL-20150325 .....</b>	<b>15</b>
<b>Section 4: Misc. Forms .....</b>	<b>18</b>
<b>4.1: Chain of Custody .....</b>	<b>19</b>



### Sample Summary

Drake Petroleum Company, Inc.

Job No: JB90884

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	
JB90884-1	03/25/15	13:30 BQ	03/26/15	DW	Drinking Water	5MS-20150325
JB90884-2	03/25/15	13:45 BQ	03/26/15	DW	Drinking Water	7MS-20150325
JB90884-3	03/25/15	14:05 BQ	03/26/15	DW	Drinking Water	9MS-20150325
JB90884-4	03/25/15	14:40 BQ	03/26/15	DW	Drinking Water	2303CHVL-20150325

## Summary of Hits

Job Number: JB90884  
Account: Drake Petroleum Company, Inc.  
Project: BCNJCH:PC# 007805 Bel Air Xtra Fuels, 2476 Churchville Road, Bel Air, MD  
Collected: 03/25/15

Lab Sample ID	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
JB90884-1	5MS-20150325					
Chloroform		0.10 J	0.50	0.031	ug/l	EPA 524.2 REV 4.1
Methyl Tert Butyl Ether		0.31 J	0.50	0.030	ug/l	EPA 524.2 REV 4.1
JB90884-2	7MS-20150325					
Methyl Tert Butyl Ether		0.14 J	0.50	0.030	ug/l	EPA 524.2 REV 4.1
JB90884-3	9MS-20150325					
Methyl Tert Butyl Ether		0.24 J	0.50	0.030	ug/l	EPA 524.2 REV 4.1
JB90884-4	2303CHVL-20150325					
Chloroform		0.73	0.50	0.031	ug/l	EPA 524.2 REV 4.1
Methyl Tert Butyl Ether		0.50	0.50	0.030	ug/l	EPA 524.2 REV 4.1

**Sample Results**

---

**Report of Analysis**

---

## Report of Analysis

Client Sample ID:	5MS-20150325	Date Sampled:	03/25/15
Lab Sample ID:	JB90884-1	Date Received:	03/26/15
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	1B96309.D	1	03/27/15	MD	n/a	n/a	V1B4557
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	0.91	ug/l	
78-93-3	2-Butanone	ND		5.0	0.57	ug/l	
71-43-2	Benzene	ND	5.0	0.50	0.057	ug/l	
108-86-1	Bromobenzene	ND		0.50	0.035	ug/l	
74-97-5	Bromochloromethane	ND		0.50	0.088	ug/l	
75-27-4	Bromodichloromethane	ND		0.50	0.082	ug/l	
75-25-2	Bromoform	ND		0.50	0.046	ug/l	
74-83-9	Bromomethane	ND		0.50	0.077	ug/l	
104-51-8	n-Butylbenzene	ND		0.50	0.030	ug/l	
135-98-8	sec-Butylbenzene	ND		0.50	0.074	ug/l	
98-06-6	tert-Butylbenzene	ND		0.50	0.045	ug/l	
75-15-0	Carbon disulfide	ND		0.50	0.028	ug/l	
108-90-7	Chlorobenzene	ND	100	0.50	0.027	ug/l	
75-00-3	Chloroethane	ND		0.50	0.037	ug/l	
67-66-3	Chloroform	0.10		0.50	0.031	ug/l	J
74-87-3	Chloromethane	ND		0.50	0.044	ug/l	
95-49-8	o-Chlorotoluene	ND		0.50	0.045	ug/l	
106-43-4	p-Chlorotoluene	ND		0.50	0.073	ug/l	
56-23-5	Carbon tetrachloride	ND	5.0	0.50	0.074	ug/l	
75-34-3	1,1-Dichloroethane	ND		0.50	0.039	ug/l	
75-35-4	1,1-Dichloroethylene	ND	7.0	0.50	0.054	ug/l	
563-58-6	1,1-Dichloropropene	ND		0.50	0.053	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	0.20	1.0	0.078	ug/l	
106-93-4	1,2-Dibromoethane	ND	0.050	0.50	0.031	ug/l	
107-06-2	1,2-Dichloroethane	ND	5.0	0.50	0.034	ug/l	
78-87-5	1,2-Dichloropropane	ND	5.0	0.50	0.082	ug/l	
142-28-9	1,3-Dichloropropane	ND		0.50	0.041	ug/l	
594-20-7	2,2-Dichloropropane	ND		0.50	0.067	ug/l	
124-48-1	Dibromochloromethane	ND		0.50	0.042	ug/l	
74-95-3	Dibromomethane	ND		0.50	0.046	ug/l	
75-71-8	Dichlorodifluoromethane	ND		0.50	0.054	ug/l	
541-73-1	m-Dichlorobenzene	ND		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

Client Sample ID:	5MS-20150325	Date Sampled:	03/25/15
Lab Sample ID:	JB90884-1	Date Received:	03/26/15
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	0.052	ug/l	
106-46-7	p-Dichlorobenzene	ND	75	0.50	0.034	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	100	0.50	0.039	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	70	0.50	0.081	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND		0.50	0.033	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND		0.50	0.063	ug/l	
108-20-3	Di-Isopropyl ether	ND		0.50	0.038	ug/l	
100-41-4	Ethylbenzene	ND	700	0.50	0.033	ug/l	
637-92-3	Ethyl tert Butyl Ether	ND		0.50	0.025	ug/l	
87-68-3	Hexachlorobutadiene	ND		0.50	0.073	ug/l	
110-54-3	Hexane	ND		0.50	0.094	ug/l	
591-78-6	2-Hexanone	ND		2.0	0.084	ug/l	
98-82-8	Isopropylbenzene	ND		0.50	0.054	ug/l	
99-87-6	p-Isopropyltoluene	ND		0.50	0.062	ug/l	
75-09-2	Methylene chloride	ND	5.0	0.50	0.047	ug/l	
1634-04-4	Methyl Tert Butyl Ether	0.31		0.50	0.030	ug/l	J
108-10-1	4-Methyl-2-pentanone	ND		2.0	0.27	ug/l	
91-20-3	Naphthalene	ND		0.50	0.084	ug/l	
103-65-1	n-Propylbenzene	ND		0.50	0.061	ug/l	
100-42-5	Styrene	ND	100	0.50	0.028	ug/l	
994-05-8	tert-Amyl Methyl Ether	ND		0.50	0.099	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND		0.50	0.028	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	200	0.50	0.050	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND		0.50	0.035	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	5.0	0.50	0.052	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND		0.50	0.024	ug/l	
96-18-4	1,2,3-Trichloropropane	ND		0.50	0.047	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	70	0.50	0.035	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND		0.50	0.031	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND		0.50	0.041	ug/l	
127-18-4	Tetrachloroethylene	ND	5.0	0.50	0.091	ug/l	
108-88-3	Toluene	ND	1000	0.50	0.044	ug/l	
79-01-6	Trichloroethylene	ND	5.0	0.50	0.024	ug/l	
75-69-4	Trichlorofluoromethane	ND		1.0	0.057	ug/l	
75-65-0	Tertiary Butyl Alcohol	ND		5.0	0.89	ug/l	
75-01-4	Vinyl chloride	ND	2.0	0.50	0.032	ug/l	
	m,p-Xylene	ND		0.50	0.13	ug/l	
95-47-6	o-Xylene	ND		0.50	0.029	ug/l	
1330-20-7	Xylenes (total)	ND	10000	0.50	0.029	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

<b>Client Sample ID:</b> 5MS-20150325		<b>Date Sampled:</b> 03/25/15
<b>Lab Sample ID:</b> JB90884-1		<b>Date Received:</b> 03/26/15
<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	92%		78-114%
460-00-4	4-Bromofluorobenzene	100%		77-115%

  

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	<b>Total TIC, Volatile</b>		<b>0</b>	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:	7MS-20150325	Date Sampled:	03/25/15
Lab Sample ID:	JB90884-2	Date Received:	03/26/15
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	1B96310.D	1	03/27/15	MD	n/a	n/a	V1B4557
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	0.91	ug/l	
78-93-3	2-Butanone	ND		5.0	0.57	ug/l	
71-43-2	Benzene	ND	5.0	0.50	0.057	ug/l	
108-86-1	Bromobenzene	ND		0.50	0.035	ug/l	
74-97-5	Bromochloromethane	ND		0.50	0.088	ug/l	
75-27-4	Bromodichloromethane	ND		0.50	0.082	ug/l	
75-25-2	Bromoform	ND		0.50	0.046	ug/l	
74-83-9	Bromomethane	ND		0.50	0.077	ug/l	
104-51-8	n-Butylbenzene	ND		0.50	0.030	ug/l	
135-98-8	sec-Butylbenzene	ND		0.50	0.074	ug/l	
98-06-6	tert-Butylbenzene	ND		0.50	0.045	ug/l	
75-15-0	Carbon disulfide	ND		0.50	0.028	ug/l	
108-90-7	Chlorobenzene	ND	100	0.50	0.027	ug/l	
75-00-3	Chloroethane	ND		0.50	0.037	ug/l	
67-66-3	Chloroform	ND		0.50	0.031	ug/l	
74-87-3	Chloromethane	ND		0.50	0.044	ug/l	
95-49-8	o-Chlorotoluene	ND		0.50	0.045	ug/l	
106-43-4	p-Chlorotoluene	ND		0.50	0.073	ug/l	
56-23-5	Carbon tetrachloride	ND	5.0	0.50	0.074	ug/l	
75-34-3	1,1-Dichloroethane	ND		0.50	0.039	ug/l	
75-35-4	1,1-Dichloroethylene	ND	7.0	0.50	0.054	ug/l	
563-58-6	1,1-Dichloropropene	ND		0.50	0.053	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	0.20	1.0	0.078	ug/l	
106-93-4	1,2-Dibromoethane	ND	0.050	0.50	0.031	ug/l	
107-06-2	1,2-Dichloroethane	ND	5.0	0.50	0.034	ug/l	
78-87-5	1,2-Dichloropropane	ND	5.0	0.50	0.082	ug/l	
142-28-9	1,3-Dichloropropane	ND		0.50	0.041	ug/l	
594-20-7	2,2-Dichloropropane	ND		0.50	0.067	ug/l	
124-48-1	Dibromochloromethane	ND		0.50	0.042	ug/l	
74-95-3	Dibromomethane	ND		0.50	0.046	ug/l	
75-71-8	Dichlorodifluoromethane	ND		0.50	0.054	ug/l	
541-73-1	m-Dichlorobenzene	ND		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

Client Sample ID:	7MS-20150325	Date Sampled:	03/25/15
Lab Sample ID:	JB90884-2	Date Received:	03/26/15
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	0.052	ug/l	
106-46-7	p-Dichlorobenzene	ND	75	0.50	0.034	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	100	0.50	0.039	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	70	0.50	0.081	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND		0.50	0.033	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND		0.50	0.063	ug/l	
108-20-3	Di-Isopropyl ether	ND		0.50	0.038	ug/l	
100-41-4	Ethylbenzene	ND	700	0.50	0.033	ug/l	
637-92-3	Ethyl tert Butyl Ether	ND		0.50	0.025	ug/l	
87-68-3	Hexachlorobutadiene	ND		0.50	0.073	ug/l	
110-54-3	Hexane	ND		0.50	0.094	ug/l	
591-78-6	2-Hexanone	ND		2.0	0.084	ug/l	
98-82-8	Isopropylbenzene	ND		0.50	0.054	ug/l	
99-87-6	p-Isopropyltoluene	ND		0.50	0.062	ug/l	
75-09-2	Methylene chloride	ND	5.0	0.50	0.047	ug/l	
1634-04-4	Methyl Tert Butyl Ether	0.14		0.50	0.030	ug/l	J
108-10-1	4-Methyl-2-pentanone	ND		2.0	0.27	ug/l	
91-20-3	Naphthalene	ND		0.50	0.084	ug/l	
103-65-1	n-Propylbenzene	ND		0.50	0.061	ug/l	
100-42-5	Styrene	ND	100	0.50	0.028	ug/l	
994-05-8	tert-Amyl Methyl Ether	ND		0.50	0.099	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND		0.50	0.028	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	200	0.50	0.050	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND		0.50	0.035	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	5.0	0.50	0.052	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND		0.50	0.024	ug/l	
96-18-4	1,2,3-Trichloropropane	ND		0.50	0.047	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	70	0.50	0.035	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND		0.50	0.031	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND		0.50	0.041	ug/l	
127-18-4	Tetrachloroethylene	ND	5.0	0.50	0.091	ug/l	
108-88-3	Toluene	ND	1000	0.50	0.044	ug/l	
79-01-6	Trichloroethylene	ND	5.0	0.50	0.024	ug/l	
75-69-4	Trichlorofluoromethane	ND		1.0	0.057	ug/l	
75-65-0	Tertiary Butyl Alcohol	ND		5.0	0.89	ug/l	
75-01-4	Vinyl chloride	ND	2.0	0.50	0.032	ug/l	
	m,p-Xylene	ND		0.50	0.13	ug/l	
95-47-6	o-Xylene	ND		0.50	0.029	ug/l	
1330-20-7	Xylenes (total)	ND	10000	0.50	0.029	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

<b>Client Sample ID:</b> 7MS-20150325	
<b>Lab Sample ID:</b> JB90884-2	<b>Date Sampled:</b> 03/25/15
<b>Matrix:</b> DW - Drinking Water	<b>Date Received:</b> 03/26/15
<b>Method:</b> EPA 524.2 REV 4.1	<b>Percent Solids:</b> n/a
<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	91%		78-114%
460-00-4	4-Bromofluorobenzene	99%		77-115%

  

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	Total TIC, Volatile		0	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

Client Sample ID:	9MS-20150325	Date Sampled:	03/25/15
Lab Sample ID:	JB90884-3	Date Received:	03/26/15
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	1B96311.D	1	03/27/15	MD	n/a	n/a	V1B4557
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	0.91	ug/l	
78-93-3	2-Butanone	ND		5.0	0.57	ug/l	
71-43-2	Benzene	ND	5.0	0.50	0.057	ug/l	
108-86-1	Bromobenzene	ND		0.50	0.035	ug/l	
74-97-5	Bromochloromethane	ND		0.50	0.088	ug/l	
75-27-4	Bromodichloromethane	ND		0.50	0.082	ug/l	
75-25-2	Bromoform	ND		0.50	0.046	ug/l	
74-83-9	Bromomethane	ND		0.50	0.077	ug/l	
104-51-8	n-Butylbenzene	ND		0.50	0.030	ug/l	
135-98-8	sec-Butylbenzene	ND		0.50	0.074	ug/l	
98-06-6	tert-Butylbenzene	ND		0.50	0.045	ug/l	
75-15-0	Carbon disulfide	ND		0.50	0.028	ug/l	
108-90-7	Chlorobenzene	ND	100	0.50	0.027	ug/l	
75-00-3	Chloroethane	ND		0.50	0.037	ug/l	
67-66-3	Chloroform	ND		0.50	0.031	ug/l	
74-87-3	Chloromethane	ND		0.50	0.044	ug/l	
95-49-8	o-Chlorotoluene	ND		0.50	0.045	ug/l	
106-43-4	p-Chlorotoluene	ND		0.50	0.073	ug/l	
56-23-5	Carbon tetrachloride	ND	5.0	0.50	0.074	ug/l	
75-34-3	1,1-Dichloroethane	ND		0.50	0.039	ug/l	
75-35-4	1,1-Dichloroethylene	ND	7.0	0.50	0.054	ug/l	
563-58-6	1,1-Dichloropropene	ND		0.50	0.053	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	0.20	1.0	0.078	ug/l	
106-93-4	1,2-Dibromoethane	ND	0.050	0.50	0.031	ug/l	
107-06-2	1,2-Dichloroethane	ND	5.0	0.50	0.034	ug/l	
78-87-5	1,2-Dichloropropane	ND	5.0	0.50	0.082	ug/l	
142-28-9	1,3-Dichloropropane	ND		0.50	0.041	ug/l	
594-20-7	2,2-Dichloropropane	ND		0.50	0.067	ug/l	
124-48-1	Dibromochloromethane	ND		0.50	0.042	ug/l	
74-95-3	Dibromomethane	ND		0.50	0.046	ug/l	
75-71-8	Dichlorodifluoromethane	ND		0.50	0.054	ug/l	
541-73-1	m-Dichlorobenzene	ND		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

Client Sample ID:	9MS-20150325	Date Sampled:	03/25/15
Lab Sample ID:	JB90884-3	Date Received:	03/26/15
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	0.052	ug/l	
106-46-7	p-Dichlorobenzene	ND	75	0.50	0.034	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	100	0.50	0.039	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	70	0.50	0.081	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND		0.50	0.033	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND		0.50	0.063	ug/l	
108-20-3	Di-Isopropyl ether	ND		0.50	0.038	ug/l	
100-41-4	Ethylbenzene	ND	700	0.50	0.033	ug/l	
637-92-3	Ethyl tert Butyl Ether	ND		0.50	0.025	ug/l	
87-68-3	Hexachlorobutadiene	ND		0.50	0.073	ug/l	
110-54-3	Hexane	ND		0.50	0.094	ug/l	
591-78-6	2-Hexanone	ND		2.0	0.084	ug/l	
98-82-8	Isopropylbenzene	ND		0.50	0.054	ug/l	
99-87-6	p-Isopropyltoluene	ND		0.50	0.062	ug/l	
75-09-2	Methylene chloride	ND	5.0	0.50	0.047	ug/l	
1634-04-4	Methyl Tert Butyl Ether	0.24		0.50	0.030	ug/l	J
108-10-1	4-Methyl-2-pentanone	ND		2.0	0.27	ug/l	
91-20-3	Naphthalene	ND		0.50	0.084	ug/l	
103-65-1	n-Propylbenzene	ND		0.50	0.061	ug/l	
100-42-5	Styrene	ND	100	0.50	0.028	ug/l	
994-05-8	tert-Amyl Methyl Ether	ND		0.50	0.099	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND		0.50	0.028	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	200	0.50	0.050	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND		0.50	0.035	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	5.0	0.50	0.052	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND		0.50	0.024	ug/l	
96-18-4	1,2,3-Trichloropropane	ND		0.50	0.047	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	70	0.50	0.035	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND		0.50	0.031	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND		0.50	0.041	ug/l	
127-18-4	Tetrachloroethylene	ND	5.0	0.50	0.091	ug/l	
108-88-3	Toluene	ND	1000	0.50	0.044	ug/l	
79-01-6	Trichloroethylene	ND	5.0	0.50	0.024	ug/l	
75-69-4	Trichlorofluoromethane	ND		1.0	0.057	ug/l	
75-65-0	Tertiary Butyl Alcohol	ND		5.0	0.89	ug/l	
75-01-4	Vinyl chloride	ND	2.0	0.50	0.032	ug/l	
	m,p-Xylene	ND		0.50	0.13	ug/l	
95-47-6	o-Xylene	ND		0.50	0.029	ug/l	
1330-20-7	Xylenes (total)	ND	10000	0.50	0.029	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

<b>Client Sample ID:</b> 9MS-20150325		<b>Date Sampled:</b> 03/25/15
<b>Lab Sample ID:</b> JB90884-3		<b>Date Received:</b> 03/26/15
<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	89%		78-114%
460-00-4	4-Bromofluorobenzene	98%		77-115%

  

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	Total TIC, Volatile		0	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

Client Sample ID:	2303CHVL-20150325	Date Sampled:	03/25/15
Lab Sample ID:	JB90884-4	Date Received:	03/26/15
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	1B96312.D	1	03/27/15	MD	n/a	n/a	V1B4557
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	0.91	ug/l	
78-93-3	2-Butanone	ND		5.0	0.57	ug/l	
71-43-2	Benzene	ND	5.0	0.50	0.057	ug/l	
108-86-1	Bromobenzene	ND		0.50	0.035	ug/l	
74-97-5	Bromochloromethane	ND		0.50	0.088	ug/l	
75-27-4	Bromodichloromethane	ND		0.50	0.082	ug/l	
75-25-2	Bromoform	ND		0.50	0.046	ug/l	
74-83-9	Bromomethane	ND		0.50	0.077	ug/l	
104-51-8	n-Butylbenzene	ND		0.50	0.030	ug/l	
135-98-8	sec-Butylbenzene	ND		0.50	0.074	ug/l	
98-06-6	tert-Butylbenzene	ND		0.50	0.045	ug/l	
75-15-0	Carbon disulfide	ND		0.50	0.028	ug/l	
108-90-7	Chlorobenzene	ND	100	0.50	0.027	ug/l	
75-00-3	Chloroethane	ND		0.50	0.037	ug/l	
67-66-3	Chloroform	0.73		0.50	0.031	ug/l	
74-87-3	Chloromethane	ND		0.50	0.044	ug/l	
95-49-8	o-Chlorotoluene	ND		0.50	0.045	ug/l	
106-43-4	p-Chlorotoluene	ND		0.50	0.073	ug/l	
56-23-5	Carbon tetrachloride	ND	5.0	0.50	0.074	ug/l	
75-34-3	1,1-Dichloroethane	ND		0.50	0.039	ug/l	
75-35-4	1,1-Dichloroethylene	ND	7.0	0.50	0.054	ug/l	
563-58-6	1,1-Dichloropropene	ND		0.50	0.053	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	0.20	1.0	0.078	ug/l	
106-93-4	1,2-Dibromoethane	ND	0.050	0.50	0.031	ug/l	
107-06-2	1,2-Dichloroethane	ND	5.0	0.50	0.034	ug/l	
78-87-5	1,2-Dichloropropane	ND	5.0	0.50	0.082	ug/l	
142-28-9	1,3-Dichloropropane	ND		0.50	0.041	ug/l	
594-20-7	2,2-Dichloropropane	ND		0.50	0.067	ug/l	
124-48-1	Dibromochloromethane	ND		0.50	0.042	ug/l	
74-95-3	Dibromomethane	ND		0.50	0.046	ug/l	
75-71-8	Dichlorodifluoromethane	ND		0.50	0.054	ug/l	
541-73-1	m-Dichlorobenzene	ND		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

Client Sample ID:	2303CHVL-20150325	Date Sampled:	03/25/15
Lab Sample ID:	JB90884-4	Date Received:	03/26/15
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	0.052	ug/l	
106-46-7	p-Dichlorobenzene	ND	75	0.50	0.034	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	100	0.50	0.039	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	70	0.50	0.081	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND		0.50	0.033	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND		0.50	0.063	ug/l	
108-20-3	Di-Isopropyl ether	ND		0.50	0.038	ug/l	
100-41-4	Ethylbenzene	ND	700	0.50	0.033	ug/l	
637-92-3	Ethyl tert Butyl Ether	ND		0.50	0.025	ug/l	
87-68-3	Hexachlorobutadiene	ND		0.50	0.073	ug/l	
110-54-3	Hexane	ND		0.50	0.094	ug/l	
591-78-6	2-Hexanone	ND		2.0	0.084	ug/l	
98-82-8	Isopropylbenzene	ND		0.50	0.054	ug/l	
99-87-6	p-Isopropyltoluene	ND		0.50	0.062	ug/l	
75-09-2	Methylene chloride	ND	5.0	0.50	0.047	ug/l	
1634-04-4	Methyl Tert Butyl Ether	0.50		0.50	0.030	ug/l	
108-10-1	4-Methyl-2-pentanone	ND		2.0	0.27	ug/l	
91-20-3	Naphthalene	ND		0.50	0.084	ug/l	
103-65-1	n-Propylbenzene	ND		0.50	0.061	ug/l	
100-42-5	Styrene	ND	100	0.50	0.028	ug/l	
994-05-8	tert-Amyl Methyl Ether	ND		0.50	0.099	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND		0.50	0.028	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	200	0.50	0.050	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND		0.50	0.035	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	5.0	0.50	0.052	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND		0.50	0.024	ug/l	
96-18-4	1,2,3-Trichloropropane	ND		0.50	0.047	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	70	0.50	0.035	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND		0.50	0.031	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND		0.50	0.041	ug/l	
127-18-4	Tetrachloroethylene	ND	5.0	0.50	0.091	ug/l	
108-88-3	Toluene	ND	1000	0.50	0.044	ug/l	
79-01-6	Trichloroethylene	ND	5.0	0.50	0.024	ug/l	
75-69-4	Trichlorofluoromethane	ND		1.0	0.057	ug/l	
75-65-0	Tertiary Butyl Alcohol	ND		5.0	0.89	ug/l	
75-01-4	Vinyl chloride	ND	2.0	0.50	0.032	ug/l	
	m,p-Xylene	ND		0.50	0.13	ug/l	
95-47-6	o-Xylene	ND		0.50	0.029	ug/l	
1330-20-7	Xylenes (total)	ND	10000	0.50	0.029	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

34  
3

<b>Client Sample ID:</b> 2303CHVL-20150325		<b>Date Sampled:</b> 03/25/15
<b>Lab Sample ID:</b> JB90884-4		<b>Date Received:</b> 03/26/15
<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	90%		78-114%
460-00-4	4-Bromofluorobenzene	100%		77-115%

  

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	Total TIC, Volatile		0	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

## Misc. Forms

---

### Custody Documents and Other Forms

---

**Includes the following where applicable:**

- Chain of Custody

2235 Route 130, Dayton, NJ 08810  
 TEL: 732-329-0200 FAX: 732-329-3499/3480  
 www.accutest.com

FED-EX Tracking # \_\_\_\_\_ Bottle Order Control # \_\_\_\_\_  
 Accutest Quote # \_\_\_\_\_ Accutest Job # JB90884

Client / Reporting Information		Project Information				Requested Analysis ( see TEST CODE sheet)										Matrix Codes										
Company Name <b>Drake Petroleum Company, Inc. Attn: Eric Harvey</b>		Project Name <b>Bel Air Xtra Fuels PC#007805</b>				VCC - oxygenates via EPA 524.2 Drinking Water Method DW - Drinking Water GW - Ground Water WW - Water SW - Surface Water SO - Soil SL - Sludge SED - Sediment OI - Oil LIQ - Other Liquid AIR - Air SOL - Other Solid WP - Wipe FB - Field Blank EB - Equipment Blank RB - Rinse Blank TB - Trip Blank										LAB USE ONLY										
Street Address <b>P.O. Box 666 221 Quinebaug Road</b>		Street <b>2476 Churchville Rd.</b>																								
City State Zip <b>North Grosvenordale CT 06255</b>		City State <b>Bel Air MD</b>															Billing Information ( If different from Report to )									
Project Contact <b>Jen Kugler jmkugler@brwncaid.com</b>		Project # <b>146282.005.003</b>															Street Address									
Phone # <b>856-330-9410</b>		Client Purchase Order #				City State Zip																				
Sampler(s) Name(s)		Project Manager <b>Jen Kugler</b>				Attention:																				
Accutest Sample #	Field ID / Point of Collection	MEOH/DI Vol #	Collection		Sampled by	Matrix	# of bottles	Number of preserved bottles																		
			Date	Time				ICI	MECH	INOC	HSO4	NONE	DJ Water	MECH	ENCORE											
1	5MS-20150325		3/25/15	1330	BR DW	3	3																			
2	7MS-20150325		3/25/15	1345	BQ DW	3	3																	V493		
3	9MS-20150325		3/25/15	1405	BR DW	3	3																			
4	2303 CHVL-20150325		3/25/15	1440	BR DW	3	3																			

Turnaround Time ( Business days )		Approved By (Accutest PM) / Date:		Data Deliverable Information		Comments / Special Instructions	
<input type="checkbox"/> Std. 15 Business Days <input checked="" type="checkbox"/> Std. 10 Business Days ( by Contract only ) <input type="checkbox"/> 10 Day RUSH <input type="checkbox"/> 5 Day RUSH <input type="checkbox"/> 3 Day EMERGENCY <input type="checkbox"/> 2 Day EMERGENCY <input type="checkbox"/> 1 Day EMERGENCY Emergency & Rush T/A data available VIA Lablink		Approved By: _____ Date: _____ 7 day by WEI contract		<input type="checkbox"/> Commercial "A" ( Level 1 ) <input type="checkbox"/> Commercial "B" ( Level 2 ) <input type="checkbox"/> FULLT1 ( Level 3+4 ) <input type="checkbox"/> NJ Reduced <input type="checkbox"/> Commercial "C" <input type="checkbox"/> NYASP Category A <input type="checkbox"/> NYASP Category B <input type="checkbox"/> State Forms <input type="checkbox"/> EDD Format <input type="checkbox"/> Other		INITIAL ASSESSMENT <u>Am H</u> LABEL VERIFICATION <u>NL</u>	
Sample Custody must be documented below each time samples change possession, including courier delivery.							
Relinquished by: <u>[Signature]</u>	Date Time: <u>3-26-15</u>	Received By: <u>[Signature]</u>	Date Time: <u>3-26-15</u>	Relinquished By: <u>[Signature]</u>	Date Time: <u>3-26-15</u>	Received By: <u>[Signature]</u>	Date Time: <u>3-26-15</u>
Relinquished by:	Date Time:	Received By:	Date Time:	Relinquished By:	Date Time:	Received By:	Date Time:
Custody Seal <u>710</u>				<input checked="" type="checkbox"/> Intact <input type="checkbox"/> Not Intact		Preserved where applicable <input type="checkbox"/> On Ice <input checked="" type="checkbox"/> Cooler Temp. <u>3.6°C</u>	

Accutest Job Number: JB90884      Client: \_\_\_\_\_      Project: \_\_\_\_\_

Date / Time Received: 3/26/2015 4:40:00 PM      Delivery Method: \_\_\_\_\_      Airbill #'s: \_\_\_\_\_

Cooler Temps (Initial/Adjusted): #1: (3.6/1.8); 0

<u>Cooler Security</u>	<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"/>

<u>Cooler Temperature</u>	<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

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

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

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

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

Comments

4.1  
4