

Technical Report for

Drake Petroleum Company, Inc.

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

146282.003 PO#007805

Accutest Job Number: JB90882

Sampling Date: 03/25/15

Report to:

Brown & Caldwell

JMaciejewski@brwncald.com

ATTN: Jen Maciejewski

Total number of pages in report: 14



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)

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Test results relate only to samples analyzed.

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Sample Summary

Drake Petroleum Company, Inc.

Job No: JB90882

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

Project No: 146282.003 PO#007805

Sample Number	Collected		Received	Matrix		Client Sample ID
	Date	Time By		Code	Type	
JB90882-1	03/25/15	15:00 BG	03/26/15	AQ	Influent	SYS-INF-20150325
JB90882-2	03/25/15	15:10 BG	03/26/15	AQ	Effluent	SYS-EFF-20150325

Summary of Hits

Job Number: JB90882
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/ Analyte	RL	MDL	Units	Method
JB90882-1	SYS-INF-20150325					
		Benzene	7.5	0.50	0.21	ug/l SW846 8260B
		Toluene	4.9	1.0	0.22	ug/l SW846 8260B
		Ethylbenzene	120	1.0	0.40	ug/l SW846 8260B
		Xylene (total)	133	1.0	0.20	ug/l SW846 8260B
		Methyl Tert Butyl Ether	28.0	1.0	0.26	ug/l SW846 8260B
		Tert Butyl Alcohol	1360	100	47	ug/l SW846 8260B
		Naphthalene	28.9	5.0	0.34	ug/l SW846 8260B
		Di-Isopropyl ether	3.3	2.0	0.20	ug/l SW846 8260B
		tert-Amyl Methyl Ether	1.1 J	2.0	0.27	ug/l SW846 8260B
		tert-Butyl Ethyl Ether	0.33 J	2.0	0.21	ug/l SW846 8260B
		TPH-GRO (C6-C10)	0.744	0.20	0.038	mg/l SW846 8015C
		TPH-DRO (C10-C28)	0.568	0.083	0.080	mg/l SW846 8015C
JB90882-2	SYS-EFF-20150325					
		Tert Butyl Alcohol	2920	100	47	ug/l SW846 8260B

Sample Results

Report of Analysis

Report of Analysis

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Client Sample ID:	SYS-INF-20150325	Date Sampled:	03/25/15
Lab Sample ID:	JB90882-1	Date Received:	03/26/15
Matrix:	AQ - Influent	Percent Solids:	n/a
Method:	SW846 8015C	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	UV22594.D	1	03/27/15	WO	n/a	n/a	GUV4879
Run #2							

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

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	0.744	0.20	0.038	mg/l	
CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits		
98-08-8	aaa-Trifluorotoluene	101%		62-120%		

ND = Not detected	MDL = Method Detection Limit	J = Indicates an estimated value
RL = Reporting Limit		B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range		N = Indicates presumptive evidence of a compound

Report of Analysis

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Client Sample ID: SYS-INF-20150325		
Lab Sample ID: JB90882-1		Date Sampled: 03/25/15
Matrix: AQ - Influent		Date Received: 03/26/15
Method: SW846 8015C SW846 3510C		Percent Solids: n/a
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	2Y68815.D	1	03/31/15	JM	03/30/15	OP82677	G2Y2644
Run #2							

Run #	Initial Volume	Final Volume
Run #1	300 ml	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-DRO (C10-C28)	0.568	0.083	0.080	mg/l	
CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits		
84-15-1	o-Terphenyl	101%		36-144%		
16416-32-3	Tetracosane-d50	97%		32-138%		
438-22-2	5a-Androstane	98%		31-136%		

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
 RL = Reporting Limit 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:	SYS-EFF-20150325	
Lab Sample ID:	JB90882-2	Date Sampled: 03/25/15
Matrix:	AQ - Effluent	Date Received: 03/26/15
Method:	SW846 8260B	Percent Solids: n/a
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	1A149214.D	1	03/31/15	MM	n/a	n/a	V1A6449
Run #2	1A149216.D	10	03/31/15	MM	n/a	n/a	V1A6449

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

Purgeable Aromatics, MTBE, TBA, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	0.50	0.21	ug/l	
108-88-3	Toluene	ND	1.0	0.22	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.40	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.20	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.26	ug/l	
75-65-0	Tert Butyl Alcohol	2920 ^a	100	47	ug/l	
91-20-3	Naphthalene	ND	5.0	0.34	ug/l	
108-20-3	Di-Isopropyl ether	ND	2.0	0.20	ug/l	
994-05-8	tert-Amyl Methyl Ether	ND	2.0	0.27	ug/l	
637-92-3	tert-Butyl Ethyl Ether	ND	2.0	0.21	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	87%	86%	76-122%
17060-07-0	1,2-Dichloroethane-D4	94%	92%	71-124%
2037-26-5	Toluene-D8	96%	94%	78-121%
460-00-4	4-Bromofluorobenzene	88%	87%	77-120%

(a) Result is from Run# 2

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

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

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Client Sample ID:	SYS-EFF-20150325	Date Sampled:	03/25/15
Lab Sample ID:	JB90882-2	Date Received:	03/26/15
Matrix:	AQ - Effluent	Percent Solids:	n/a
Method:	SW846 8015C	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	UV22593.D	1	03/27/15	WO	n/a	n/a	GUV4879
Run #2							

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

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	0.20	0.038	mg/l	
CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits		
98-08-8	aaa-Trifluorotoluene	104%		62-120%		

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
 RL = Reporting Limit B = Indicates analyte found in associated method blank
 E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

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3

Client Sample ID:	SYS-EFF-20150325	
Lab Sample ID:	JB90882-2	Date Sampled: 03/25/15
Matrix:	AQ - Effluent	Date Received: 03/26/15
Method:	SW846 8015C SW846 3510C	Percent Solids: n/a
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	2Y68816.D	1	03/31/15	JM	03/30/15	OP82677	G2Y2644
Run #2							

Run #	Initial Volume	Final Volume
Run #1	300 ml	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-DRO (C10-C28)	ND	0.083	0.080	mg/l	
CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits		
84-15-1	o-Terphenyl	92%		36-144%		
16416-32-3	Tetracosane-d50	93%		32-138%		
438-22-2	5a-Androstane	94%		31-136%		

ND = Not detected	MDL = Method Detection Limit	J = Indicates an estimated value
RL = Reporting Limit		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

EW
EFF

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

FED-EX Tracking #	Accutest Quote #	Matrix Codes
Botle Order Control #	Accutest Job # 1390882	DW - Drinking Water GW - Ground Water WW - Water SW - Surface Water SD - 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
Requested Analysis (see TEST CODE sheet)		LAB USE ONLY
VOCs - Oxygenated (BTEX, MTBE, TBA, Naphthalene) TPH GRD (B01B) TPH DRG (B01B)		

Client / Reporting Information		Project Information																					
Company Name Drake Petroleum Company, Inc. Attn: Eric Harvey		Project Name Bel Air Xtra Fuels PC#007805																					
Street Address P.O. Box 866 221 Quinebaug Road		Street 2476 Churchville Rd.		Billing Information (if different from Report to)																			
City North Grosvenordale	State CT	Zip 6255	City Bel Air	State MD	Company Name																		
Project Contact Jen Jugler		E-mail imjugler@hrwncald.com	Project # 146282.003	Street Address																			
Phone # 856-330-9410	Fax #	Client Purchase Order # #007805	City	State	Zip																		
Sampler(s) Name(s)		Project Manager Jen Jugler	Attention:																				
Accutest Sample #	Field ID / Point of Collection	MECH/DI Vial #	Collection			Number of preserved Bottles																	
			Date	Time	Sampled by	Matrix	# of bottles	HCT	NACH	PHOS	RESID	NONE	DI Water	MECH	ENCORE	VOCs - Oxygenated (BTEX, MTBE, TBA, Naphthalene)	TPH GRD (B01B)	TPH DRG (B01B)					
1	Sgs-IDP-20150325		3/25/15	1500	RJ	GW	7	7															
2	Sgs-EFP-20150325		3/25/15	1510	RJ	GW	7	7															

Turnaround Time (Business days)		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		Approved By (Accutest PM): / Date: 7 day by WEI contract		Commercial "A" (Level 1) Commercial "B" (Level 2) FULLT1 (Level 3+4) NJ Reduced Commercial "C" NYASP Category A NYASP Category B State Forms EDD Format Other	
Emergency & Rush T/A data available VIA Lablink Sample Custody must be documented below each time samples change possession including courier delivery.					
Relinquished by Sampler:	Date Time:	Received By:	Relinquished By:	Date Time:	Received By:
1 <i>[Signature]</i>	3-26-15	1 <i>[Signature]</i>	2 <i>[Signature]</i>	3-26-15	2 <i>[Signature]</i>
3		3	4		4
5		5	Custody Seal # 320	<input checked="" type="checkbox"/> Intact <input type="checkbox"/> Not intact	Preserved where applicable <input type="checkbox"/> On Ice <input type="checkbox"/> Cooler Temp. 3.0

JB90882: Chain of Custody

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