analytics environmental laboratory LLC

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Ms. Nina Anderson
Inspectorate America Corporation
12000 Aerospace Ave, Suite 200
Houston TX 77034-5576

Report Number: 69571

Revision: Rev. 0

Re: Sprague Energy (Project No: 4101-11-01)

Enclosed are the results of the analyses on your sample(s). Samples were received on 18 April 2011 and analyzed for the tests listed. Samples were received in acceptable condition, with the exceptions noted below or on the chain of custody. These results pertain to samples as received by the laboratory and for the analytical tests requested on the chain of custody. The results reported herein conform to the most current NELAC standards, where applicable, unless otherwise narrated in the body of the report. Please see individual reports for specific methodologies and references.

Lab Number	Sample Date	Station Location	Analysis	Comments
69571-1	04/18/11	Tank 202-South Portland-201102000358-1	EPA 8260 Volatile Organics	
69571-2	04/18/11	Tank 202-South Portland-201102000358-2	EPA 8260 Volatile Organics	
69571-3	04/18/11	Tank 209-South Portland-201102000358-1	EPA 8260 Volatile Organics	
69571-4	04/18/11	Tank 209-South Portland-201102000358-2	EPA 8260 Volatile Organics	
69571-5	04/18/11	Tank 215-South Portland-201102000358-1	EPA 8260 Volatile Organics	
69571-6	04/18/11	Tank 215-South Portland-201102000358-2	Electronic Data Deliverable	
	04/18/11	Tank 215-South Portland-201102000358-2	EPA 8260 Volatile Organics	

Sample Receipt Exceptions: None

Analytics Environmental Laboratory is certified by the states of New Hampshire, Maine, Massachusetts, Connecticut, Rhode Island, Virginia, Maryland, and is accredited by the Deparment of Defense (DOD) ELAP program. A list of actual certified parameters is available upon request.

If you have any questions on these results, please do not hesitate to contact us.

Authorized signature _____
Stephen L. Knollmeyer Lab. Director

Date 4/27/2011

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April 27, 2011

SAMPLE DATA

Lab Sample ID: 69571-1
Matrix: Solid
Percent Solid: 100
Dilution Factor: 97
Collection Date: 04/18/11
Lab Receipt Date: 04/18/11
Analysis Date: 04/25/11

CLIENT SAMPLE ID

Project Name: Sprague Energy
Project Number: 4101-11-01
Field Sample ID: Tank 202-South Portland-201102000358-1

ANALYTICAL RESULTS VOLATILE ORGANICS

COMPOUND	Limit of Detection (LOD) µg/kg	Limit of Quantitation (LOQ) µg/kg	Result µg/kg	COMPOUND	Limit of Detection (LOD) µg/kg	Limit of Quantitation (LOQ) µg/kg	Result µg/kg
Chloroethane	49	97	U	1,1-Dichloroethane	49	97	U
Chloroform	49	73	U	1,1-Dichloroethene	49	73	U
Chloromethane	49	97	U	1,1-Dichloropropene	49	97	U
cis-1,2-Dichloroethene	49	97	U	1,2,3-Trichlorobenzene	49	97	U
cis-1,3-Dichloropropene	49	97	U	1,2,3-Trichloropropane	49	97	U
Dibromochloromethane	49	73	U	1,2,4-Trichlorobenzene	49	97	U
Dibromomethane	49	97	U	1,2,4-Trimethylbenzene	49	97	U
Dichlorodifluoromethane	49	97	U	1,2-Dibromo-3-chloropropane	49	97	U
Ethylbenzene	49	97	U	1,2-Dibromoethane	49	73	U
Freon-113	49	97	U	1,2-Dichlorobenzene	49	97	U
Hexachlorobutadiene	49	97	U	1,2-Dichloroethane	49	73	U
Isopropl benzene	49	97	U	1,2-Dichloropropane	49	73	U
m,p-Xylene	49	97	U	1,3,5-Trimethylbenzene	49	97	U
Methyl-tert-butyl ether (MTBE)	49	73	U	1,3-Dichlorobenzene	49	97	U
Methylene chloride	243	486	U	1,3-Dichloropropane	49	97	U
Naphthalene	49	97	U	1,4-Dichlorobenzene	49	97	U
n-Butylbenzene	49	97	U	2,2-Dichloropropane	49	97	U
n-Propylbenzene	49	97	U	Methyl ethyl ketone	486	972	U
o-Xylene	49	97	U	2-Chlorotoluene	49	97	U
sec-Butylbenzene	49	97	U	2-Hexanone	486	972	U
Styrene	49	97	U	4-Chlorotoluene	49	97	U
tert-Butylbenzene	49	97	U	4-Isopropyltoluene	49	97	U
Tetrachloroethene	49	97	U	4-Methyl-2-pentanone	486	972	U
Tetrahydrofuran	243	486	U	Acetone	486	972	U
Toluene	49	97	U	Benzene	49	97	U
trans-1,2-Dichloroethene	49	97	U	Bromobenzene	49	97	U
trans-1,3-Dichloropropene	49	97	U	Bromochloromethane	49	97	U
Trichloroethene	49	97	U	Bromodichloromethane	49	73	U
Trichlorofluoromethane	49	97	U	Bromoform	49	73	U
Vinyl chloride	49	97	U	Bromomethane	49	97	U
Xylenes (total)	49	97	U	Carbon Disulfide	49	97	U
1,1,1,2-Tetrachloroethane	49	97	U	Carbon tetrachloride	49	97	U
1,1,1-Trichloroethane	49	97	U	Chlorobenzene	49	97	U
1,1,2,2-Tetrachloroethane	49	73	U	(TIC) n-Heptane	NA	NA	NF
1,1,2-Trichloroethane	49	73	U	(TIC) n-Hexane	NA	NA	NF

Surrogate Standard Recovery

Bromofluorobenzene	89%	d4-1,2-Dichloroethane	87%	d8-Toluene	88%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in Blank

METHODOLOGY: Sample analysis was conducted according to: Test Methods for Evaluating Solid Waste, SW-846 Method 8260B. Results between the LOD and LOQ are reported as estimated (J flag). Difficult compounds and laboratory contaminants are not reported below the LOQ

COMMENTS: Results are expressed on a dry weight basis. TIC=Tentatively Identified Compound. NF=Not Found using NIST library search criteria. Sample collection and analysis in accordance with SW-846 method 5035A.

set2Column2TierWTICs:Res(0):Rec(0) - Inspectorate_OIL_2Tier_wTICS

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April 27, 2011

SAMPLE DATA

Lab Sample ID:	69571-2
Matrix:	Solid
Percent Solid:	100
Dilution Factor:	95
Collection Date:	04/18/11
Lab Receipt Date:	04/18/11
Analysis Date:	04/25/11

CLIENT SAMPLE ID

Project Name: Sprague Energy

Project Number: 4101-11-01

Field Sample ID: Tank 202-South Portland-201102000358-2

ANALYTICAL RESULTS VOLATILE ORGANICS

COMPOUND	Limit of Detection (LOD) µg/kg	Limit of Quantitation (LOQ) µg/kg	Result µg/kg	COMPOUND	Limit of Detection (LOD) µg/kg	Limit of Quantitation (LOQ) µg/kg	Result µg/kg
Chloroethane	47	95	U	1,1-Dichloroethane	47	95	U
Chloroform	47	71	U	1,1-Dichloroethene	47	71	U
Chloromethane	47	95	U	1,1-Dichloropropene	47	95	U
cis-1,2-Dichloroethene	47	95	U	1,2,3-Trichlorobenzene	47	95	U
cis-1,3-Dichloropropene	47	95	U	1,2,3-Trichloropropane	47	95	U
Dibromochloromethane	47	71	U	1,2,4-Trichlorobenzene	47	95	U
Dibromomethane	47	95	U	1,2,4-Trimethylbenzene	47	95	U
Dichlorodifluoromethane	47	95	U	1,2-Dibromo-3-chloropropane	47	95	U
Ethylbenzene	47	95	U	1,2-Dibromoethane	47	71	U
Freon-113	47	95	U	1,2-Dichlorobenzene	47	95	U
Hexachlorobutadiene	47	95	U	1,2-Dichloroethane	47	71	U
Isopropl benzene	47	95	U	1,2-Dichloropropane	47	71	U
m,p-Xylene	47	95	U	1,3,5-Trimethylbenzene	47	95	U
Methyl-tert-butyl ether (MTBE)	47	71	U	1,3-Dichlorobenzene	47	95	U
Methylene chloride	237	474	U	1,3-Dichloropropane	47	95	U
Naphthalene	47	95	U	1,4-Dichlorobenzene	47	95	U
n-Butylbenzene	47	95	U	2,2-Dichloropropane	47	95	U
n-Propylbenzene	47	95	U	Methyl ethyl ketone	474	948	U
o-Xylene	47	95	U	2-Chlorotoluene	47	95	U
sec-Butylbenzene	47	95	U	2-Hexanone	474	948	U
Styrene	47	95	U	4-Chlorotoluene	47	95	U
tert-Butylbenzene	47	95	U	4-Isopropyltoluene	47	95	U
Tetrachloroethene	47	95	U	4-Methyl-2-pentanone	474	948	U
Tetrahydrofuran	237	474	U	Acetone	474	948	U
Toluene	47	95	U	Benzene	47	95	U
trans-1,2-Dichloroethene	47	95	U	Bromobenzene	47	95	U
trans-1,3-Dichloropropene	47	95	U	Bromochloromethane	47	95	U
Trichloroethene	47	95	U	Bromodichloromethane	47	71	U
Trichlorofluoromethane	47	95	U	Bromoform	47	71	U
Vinyl chloride	47	95	U	Bromomethane	47	95	U
Xylenes (total)	47	95	U	Carbon Disulfide	47	95	U
1,1,1,2-Tetrachloroethane	47	95	U	Carbon tetrachloride	47	95	U
1,1,1-Trichloroethane	47	95	U	Chlorobenzene	47	95	U
1,1,2,2-Tetrachloroethane	47	71	U	(TIC) n-Heptane	NA	NA	NF
1,1,2-Trichloroethane	47	71	U	(TIC) n-Hexane	NA	NA	NF

Surrogate Standard Recovery

Bromofluorobenzene	94%	d4-1,2-Dichloroethane	93%	d8-Toluene	89%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in Blank

METHODOLOGY: Sample analysis was conducted according to: Test Methods for Evaluating Solid Waste, SW-846 Method 8260B. Results between the LOD and LOQ are reported as estimated (J flag). Difficult compounds and laboratory contaminants are not reported below the LOQ

COMMENTS: Results are expressed on a dry weight basis. TIC=Tentatively Identified Compound. NF=Not Found using NIST library search criteria. Sample collection and analysis in accordance with SW-846 method 5035A.

set2Column2TierWTICs:Res(0):Rec(0) - Inspectorate_OIL_2Tier_wTICS

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April 27, 2011

SAMPLE DATA

Lab Sample ID: 69571-3
Matrix: Solid
Percent Solid: 100
Dilution Factor: 97
Collection Date: 04/18/11
Lab Receipt Date: 04/18/11
Analysis Date: 04/26/11

CLIENT SAMPLE ID

Project Name: Sprague Energy

Project Number: 4101-11-01

Field Sample ID: Tank 209-South Portland-201102000358-1

ANALYTICAL RESULTS VOLATILE ORGANICS

COMPOUND	Limit of Detection (LOD) µg/kg	Limit of Quantitation (LOQ) µg/kg	Result µg/kg	COMPOUND	Limit of Detection (LOD) µg/kg	Limit of Quantitation (LOQ) µg/kg	Result µg/kg
Chloroethane	49	97	U	1,1-Dichloroethane	49	97	U
Chloroform	49	73	U	1,1-Dichloroethene	49	73	U
Chloromethane	49	97	U	1,1-Dichloropropene	49	97	U
cis-1,2-Dichloroethene	49	97	U	1,2,3-Trichlorobenzene	49	97	U
cis-1,3-Dichloropropene	49	97	U	1,2,3-Trichloropropane	49	97	U
Dibromochloromethane	49	73	U	1,2,4-Trichlorobenzene	49	97	U
Dibromomethane	49	97	U	1,2,4-Trimethylbenzene	49	97	**63 J**
Dichlorodifluoromethane	49	97	U	1,2-Dibromo-3-chloropropane	49	97	U
Ethylbenzene	49	97	U	1,2-Dibromoethane	49	73	U
Freon-113	49	97	U	1,2-Dichlorobenzene	49	97	U
Hexachlorobutadiene	49	97	U	1,2-Dichloroethane	49	73	U
Isopropl benzene	49	97	U	1,2-Dichloropropane	49	73	U
m,p-Xylene	49	97	**50 J**	1,3,5-Trimethylbenzene	49	97	U
Methyl-tert-butyl ether (MTBE)	49	73	U	1,3-Dichlorobenzene	49	97	U
Methylene chloride	243	486	U	1,3-Dichloropropane	49	97	U
Naphthalene	49	97	U	1,4-Dichlorobenzene	49	97	U
n-Butylbenzene	49	97	U	2,2-Dichloropropane	49	97	U
n-Propylbenzene	49	97	U	Methyl ethyl ketone	486	971	U
o-Xylene	49	97	U	2-Chlorotoluene	49	97	U
sec-Butylbenzene	49	97	U	2-Hexanone	486	971	U
Styrene	49	97	U	4-Chlorotoluene	49	97	U
tert-Butylbenzene	49	97	U	4-Isopropyltoluene	49	97	U
Tetrachloroethene	49	97	U	4-Methyl-2-pentanone	486	971	U
Tetrahydrofuran	243	486	U	Acetone	486	971	U
Toluene	49	97	U	Benzene	49	97	U
trans-1,2-Dichloroethene	49	97	U	Bromobenzene	49	97	U
trans-1,3-Dichloropropene	49	97	U	Bromochloromethane	49	97	U
Trichloroethene	49	97	U	Bromodichloromethane	49	73	U
Trichlorofluoromethane	49	97	U	Bromoform	49	73	U
Vinyl chloride	49	97	U	Bromomethane	49	97	U
Xylenes (total)	49	97	U	Carbon Disulfide	49	97	U
1,1,1,2-Tetrachloroethane	49	97	U	Carbon tetrachloride	49	97	U
1,1,1-Trichloroethane	49	97	U	Chlorobenzene	49	97	U
1,1,2,2-Tetrachloroethane	49	73	U	(TIC) n-Heptane	NA	NA	NF
1,1,2-Trichloroethane	49	73	U	(TIC) n-Hexane	NA	NA	NF

Surrogate Standard Recovery

Bromofluorobenzene	104%	d4-1,2-Dichloroethane	105%	d8-Toluene	107%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in Blank

METHODOLOGY: Sample analysis was conducted according to: Test Methods for Evaluating Solid Waste, SW-846 Method 8260B. Results between the LOD and LOQ are reported as estimated (J flag). Difficult compounds and laboratory contaminants are not reported below the LOQ

COMMENTS: Results are expressed on a dry weight basis. TIC=Tentatively Identified Compound. NF=Not Found using NIST library search criteria. Sample collection and analysis in accordance with SW-846 method 5035A.

set2Column2TierWTICs:Res(0):Rec(0) - Inspectorate_OIL_2Tier_wTICS

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April 27, 2011

SAMPLE DATA

Lab Sample ID: 69571-4
Matrix: Solid
Percent Solid: 100
Dilution Factor: 94
Collection Date: 04/18/11
Lab Receipt Date: 04/18/11
Analysis Date: 04/26/11

CLIENT SAMPLE ID

Project Name: Sprague Energy

Project Number: 4101-11-01

Field Sample ID: Tank 209-South Portland-201102000358-2

ANALYTICAL RESULTS VOLATILE ORGANICS

COMPOUND	Limit of Detection (LOD) µg/kg	Limit of Quantitation (LOQ) µg/kg	Result µg/kg	COMPOUND	Limit of Detection (LOD) µg/kg	Limit of Quantitation (LOQ) µg/kg	Result µg/kg
Chloroethane	47	94	U	1,1-Dichloroethane	47	94	U
Chloroform	47	71	U	1,1-Dichloroethene	47	71	U
Chloromethane	47	94	U	1,1-Dichloropropene	47	94	U
cis-1,2-Dichloroethene	47	94	U	1,2,3-Trichlorobenzene	47	94	U
cis-1,3-Dichloropropene	47	94	U	1,2,3-Trichloropropane	47	94	U
Dibromochloromethane	47	71	U	1,2,4-Trichlorobenzene	47	94	U
Dibromomethane	47	94	U	1,2,4-Trimethylbenzene	47	94	**70 J**
Dichlorodifluoromethane	47	94	U	1,2-Dibromo-3-chloropropane	47	94	U
Ethylbenzene	47	94	U	1,2-Dibromoethane	47	71	U
Freon-113	47	94	U	1,2-Dichlorobenzene	47	94	U
Hexachlorobutadiene	47	94	U	1,2-Dichloroethane	47	71	U
Isopropl benzene	47	94	U	1,2-Dichloropropane	47	71	U
m,p-Xylene	47	94	**75 J**	1,3,5-Trimethylbenzene	47	94	U
Methyl-tert-butyl ether (MTBE)	47	71	U	1,3-Dichlorobenzene	47	94	U
Methylene chloride	236	472	U	1,3-Dichloropropane	47	94	U
Naphthalene	47	94	U	1,4-Dichlorobenzene	47	94	U
n-Butylbenzene	47	94	U	2,2-Dichloropropane	47	94	U
n-Propylbenzene	47	94	U	Methyl ethyl ketone	472	944	U
o-Xylene	47	94	U	2-Chlorotoluene	47	94	U
sec-Butylbenzene	47	94	U	2-Hexanone	472	944	U
Styrene	47	94	U	4-Chlorotoluene	47	94	U
tert-Butylbenzene	47	94	U	4-Isopropyltoluene	47	94	U
Tetrachloroethene	47	94	U	4-Methyl-2-pentanone	472	944	U
Tetrahydrofuran	236	472	U	Acetone	472	944	U
Toluene	47	94	U	Benzene	47	94	U
trans-1,2-Dichloroethene	47	94	U	Bromobenzene	47	94	U
trans-1,3-Dichloropropene	47	94	U	Bromochloromethane	47	94	U
Trichloroethene	47	94	U	Bromodichloromethane	47	71	U
Trichlorofluoromethane	47	94	U	Bromoform	47	71	U
Vinyl chloride	47	94	U	Bromomethane	47	94	U
Xylenes (total)	47	94	U	Carbon Disulfide	47	94	U
1,1,1,2-Tetrachloroethane	47	94	U	Carbon tetrachloride	47	94	U
1,1,1-Trichloroethane	47	94	U	Chlorobenzene	47	94	U
1,1,2,2-Tetrachloroethane	47	71	U	(TIC) n-Heptane	NA	NA	NF
1,1,2-Trichloroethane	47	71	U	(TIC) n-Hexane	NA	NA	NF

Surrogate Standard Recovery

Bromofluorobenzene	108%	d4-1,2-Dichloroethane	107%	d8-Toluene	107%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in Blank

METHODOLOGY: Sample analysis was conducted according to: Test Methods for Evaluating Solid Waste, SW-846 Method 8260B. Results between the LOD and LOQ are reported as estimated (J flag). Difficult compounds and laboratory contaminants are not reported below the LOQ

COMMENTS: Results are expressed on a dry weight basis. TIC=Tentatively Identified Compound. NF=Not Found using NIST library search criteria. Sample collection and analysis in accordance with SW-846 method 5035A.

set2Column2TierWTICs:Res(0):Rec(0) - Inspectorate_OIL_2Tier_wTICS

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April 27, 2011

SAMPLE DATA

Lab Sample ID: 69571-5
Matrix: Solid
Percent Solid: 100
Dilution Factor: 86
Collection Date: 04/18/11
Lab Receipt Date: 04/18/11
Analysis Date: 04/26/11

CLIENT SAMPLE ID

Project Name: Sprague Energy

Project Number: 4101-11-01

Field Sample ID: Tank 215-South Portland-201102000358-1

ANALYTICAL RESULTS VOLATILE ORGANICS

COMPOUND	Limit of Detection (LOD) µg/kg	Limit of Quantitation (LOQ) µg/kg	Result µg/kg	COMPOUND	Limit of Detection (LOD) µg/kg	Limit of Quantitation (LOQ) µg/kg	Result µg/kg
Chloroethane	43	86	U	1,1-Dichloroethane	43	86	U
Chloroform	43	65	U	1,1-Dichloroethene	43	65	U
Chloromethane	43	86	U	1,1-Dichloropropene	43	86	U
cis-1,2-Dichloroethene	43	86	U	1,2,3-Trichlorobenzene	43	86	U
cis-1,3-Dichloropropene	43	86	U	1,2,3-Trichloropropane	43	86	U
Dibromochloromethane	43	65	U	1,2,4-Trichlorobenzene	43	86	U
Dibromomethane	43	86	U	1,2,4-Trimethylbenzene	43	86	**49 J**
Dichlorodifluoromethane	43	86	U	1,2-Dibromo-3-chloropropane	43	86	U
Ethylbenzene	43	86	U	1,2-Dibromoethane	43	65	U
Freon-113	43	86	U	1,2-Dichlorobenzene	43	86	U
Hexachlorobutadiene	43	86	U	1,2-Dichloroethane	43	65	U
Isopropl benzene	43	86	U	1,2-Dichloropropane	43	65	U
m,p-Xylene	43	86	**53 J**	1,3,5-Trimethylbenzene	43	86	U
Methyl-tert-butyl ether (MTBE)	43	65	U	1,3-Dichlorobenzene	43	86	U
Methylene chloride	215	431	U	1,3-Dichloropropane	43	86	U
Naphthalene	43	86	U	1,4-Dichlorobenzene	43	86	U
n-Butylbenzene	43	86	U	2,2-Dichloropropane	43	86	U
n-Propylbenzene	43	86	U	Methyl ethyl ketone	431	862	U
o-Xylene	43	86	U	2-Chlorotoluene	43	86	U
sec-Butylbenzene	43	86	U	2-Hexanone	431	862	U
Styrene	43	86	U	4-Chlorotoluene	43	86	U
tert-Butylbenzene	43	86	U	4-Isopropyltoluene	43	86	U
Tetrachloroethene	43	86	U	4-Methyl-2-pentanone	431	862	U
Tetrahydrofuran	215	431	U	Acetone	431	862	U
Toluene	43	86	U	Benzene	43	86	U
trans-1,2-Dichloroethene	43	86	U	Bromobenzene	43	86	U
trans-1,3-Dichloropropene	43	86	U	Bromochloromethane	43	86	U
Trichloroethene	43	86	U	Bromodichloromethane	43	65	U
Trichlorofluoromethane	43	86	U	Bromoform	43	65	U
Vinyl chloride	43	86	U	Bromomethane	43	86	U
Xylenes (total)	43	86	U	Carbon Disulfide	43	86	U
1,1,1,2-Tetrachloroethane	43	86	U	Carbon tetrachloride	43	86	U
1,1,1-Trichloroethane	43	86	U	Chlorobenzene	43	86	U
1,1,2,2-Tetrachloroethane	43	65	U	(TIC) n-Heptane	NA	NA	NF
1,1,2-Trichloroethane	43	65	U	(TIC) n-Hexane	NA	NA	NF

Surrogate Standard Recovery

Bromofluorobenzene	99%	d4-1,2-Dichloroethane	100%	d8-Toluene	94%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in Blank

METHODOLOGY: Sample analysis was conducted according to: Test Methods for Evaluating Solid Waste, SW-846 Method 8260B. Results between the LOD and LOQ are reported as estimated (J flag). Difficult compounds and laboratory contaminants are not reported below the LOQ

COMMENTS: Results are expressed on a dry weight basis. TIC=Tentatively Identified Compound. NF=Not Found using NIST library search criteria. Sample collection and analysis in accordance with SW-846 method 5035A.

set2Column2TierWTICs:Res(0):Rec(0) - Inspectorate_OIL_2Tier_wTICS

Authorized signature

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Ms. Nina Anderson
Inspectorate America Corporation
12000 Aerospace Ave, Suite 200
Houston TX 77034-5576

April 27, 2011

SAMPLE DATA

Lab Sample ID: 69571-6
Matrix: Solid
Percent Solid: 100
Dilution Factor: 99
Collection Date: 04/18/11
Lab Receipt Date: 04/18/11
Analysis Date: 04/26/11

CLIENT SAMPLE ID

Project Name: Sprague Energy

Project Number: 4101-11-01

Field Sample ID: Tank 215-South Portland-201102000358-2

ANALYTICAL RESULTS VOLATILE ORGANICS

COMPOUND	Limit of Detection (LOD) µg/kg	Limit of Quantitation (LOQ) µg/kg	Result µg/kg	COMPOUND	Limit of Detection (LOD) µg/kg	Limit of Quantitation (LOQ) µg/kg	Result µg/kg
Chloroethane	50	99	U	1,1-Dichloroethane	50	99	U
Chloroform	50	74	U	1,1-Dichloroethene	50	74	U
Chloromethane	50	99	U	1,1-Dichloropropene	50	99	U
cis-1,2-Dichloroethene	50	99	U	1,2,3-Trichlorobenzene	50	99	U
cis-1,3-Dichloropropene	50	99	U	1,2,3-Trichloropropane	50	99	U
Dibromochloromethane	50	74	U	1,2,4-Trichlorobenzene	50	99	U
Dibromomethane	50	99	U	1,2,4-Trimethylbenzene	50	99	**68 J**
Dichlorodifluoromethane	50	99	U	1,2-Dibromo-3-chloropropane	50	99	U
Ethylbenzene	50	99	U	1,2-Dibromoethane	50	74	U
Freon-113	50	99	U	1,2-Dichlorobenzene	50	99	U
Hexachlorobutadiene	50	99	U	1,2-Dichloroethane	50	74	U
Isopropl benzene	50	99	U	1,2-Dichloropropane	50	74	U
m,p-Xylene	50	99	**71 J**	1,3,5-Trimethylbenzene	50	99	U
Methyl-tert-butyl ether (MTBE)	50	74	U	1,3-Dichlorobenzene	50	99	U
Methylene chloride	248	496	U	1,3-Dichloropropane	50	99	U
Naphthalene	50	99	U	1,4-Dichlorobenzene	50	99	U
n-Butylbenzene	50	99	U	2,2-Dichloropropane	50	99	U
n-Propylbenzene	50	99	U	Methyl ethyl ketone	496	992	U
o-Xylene	50	99	U	2-Chlorotoluene	50	99	U
sec-Butylbenzene	50	99	U	2-Hexanone	496	992	U
Styrene	50	99	U	4-Chlorotoluene	50	99	U
tert-Butylbenzene	50	99	U	4-Isopropyltoluene	50	99	U
Tetrachloroethene	50	99	U	4-Methyl-2-pentanone	496	992	U
Tetrahydrofuran	248	496	U	Acetone	496	992	U
Toluene	50	99	U	Benzene	50	99	U
trans-1,2-Dichloroethene	50	99	U	Bromobenzene	50	99	U
trans-1,3-Dichloropropene	50	99	U	Bromochloromethane	50	99	U
Trichloroethene	50	99	U	Bromodichloromethane	50	74	U
Trichlorofluoromethane	50	99	U	Bromoform	50	74	U
Vinyl chloride	50	99	U	Bromomethane	50	99	U
Xylenes (total)	50	99	U	Carbon Disulfide	50	99	U
1,1,1,2-Tetrachloroethane	50	99	U	Carbon tetrachloride	50	99	U
1,1,1-Trichloroethane	50	99	U	Chlorobenzene	50	99	U
1,1,2,2-Tetrachloroethane	50	74	U	(TIC) n-Heptane	NA	NA	NF
1,1,2-Trichloroethane	50	74	U	(TIC) n-Hexane	NA	NA	NF

Surrogate Standard Recovery

Bromofluorobenzene	111%	d4-1,2-Dichloroethane	112%	d8-Toluene	100%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in Blank

METHODOLOGY: Sample analysis was conducted according to: Test Methods for Evaluating Solid Waste, SW-846 Method 8260B. Results between the LOD and LOQ are reported as estimated (J flag). Difficult compounds and laboratory contaminants are not reported below the LOQ

COMMENTS: Results are expressed on a dry weight basis. TIC=Tentatively Identified Compound. NF=Not Found using NIST library search criteria. Sample collection and analysis in accordance with SW-846 method 5035A.

set2Column2TierWTICs:Res(0):Rec(0) - Inspectorate_OIL_2Tier_wTICS

Authorized signature

INSPECTORATE
A Bureau Veritas Group Company

Chain of Custody Form

Project Name: Sprague Energy
Project #: 4101-11-01
IAC Office: SOUTH PORTLAND,MAINE
IAC Job No.: 020-0003778
Terminal: Sprague Rolling Mills
Samples iced: Yes No
Analysis: **EPA 8260B/5035**
Matrix: **Organic**
Preservation: **Methanol**

Send Report: nina.anderson@inspectorate.com
12000 aerospace avenue, suite 200
Houston, TX 77034
Temp of Control °C
TAT: 5 days

69571

Sample No	Sample Date	Sample Time	Tank No.	Sampled By	Product Grade	Sample
Tank 202-South Portland-201102000358-1	4/18/2011		Tank 202	Rick Kennedy	Asphalt Pg 64-28	Running
Tank 202-South Portland-201102000358-2	4/18/2011		Tank 202	Rick Kennedy	Asphalt Pg 64-28	Running
Tank 209-South Portland-201102000358-1	4/18/2011		Tank 209	Rick Kennedy	Asphalt Pg 64-28	Running
Tank 209-South Portland-201102000358-2	4/18/2011		Tank 209	Rick Kennedy	Asphalt Pg 64-28	Running
Tank 215-South Portland-201102000358-1	4/18/2011		Tank 215	Rick Kennedy	Asphalt Pg 64-28	Running
Tank 215-South Portland-201102000358-2	4/18/2011		Tank 215	Rick Kennedy	Asphalt Pg 64-28	Running

I -1
-2
4 -3
-4
R -5
-6
4/19/11

*All labels have "TK" not "Tank" in beginning of name JOB 4/19/11

Sprague Representative: [signature]
Date/Time: 4/18/11 0950

Received By: Jaelyn 4/18/11 1700
Date/Time:

Received By:
Date/Time:

Relinquished by: Steven Chad Garrett
Date/Time: 4-18-2011 1700

Relinquished by:
Date/Time:

Samples were @ 4°C

2011-020-00358-002

Whiteboard ID: 0020-0003778

1100184881

Sample From:

SHORE TANK 215 EPA SAMPLE

Product :

PG64-28 ASPHALT

Vessel: EPA SAMPLES - SHORE TANKS

Terminal: SPRAGUE ROLLING MILLS

Date Received: **04/18/2011**

Retain Period: 120

Container Type: Vial

1

1 0

UN# 1999

connie.lane

2011-020-00358-002

Whiteboard ID: 0020-0003778

1100184882

Sample From:

SHORE TANK 215 EPA SAMPLE

Product :

PG64-28 ASPHALT

Vessel: EPA SAMPLES - SHORE TANKS

Terminal: SPRAGUE ROLLING MILLS

Date Received: **04/18/2011**

Retain Period: 120

Container Type: Vial

1

1 0

UN# 1999

connie.lane

2011-020-00358-001

Whiteboard ID: 0020-0003778

1100184880

Sample From:

SHORE TANK 209 EPA SAMPLE

Product :

PG64-28 ASPHALT

Vessel: EPA SAMPLES - SHORE TANKS
Terminal: SPRAGUE ROLLING MILLS
Date Received: **04/18/2011**
Retain Period: 120
Container Type: Vial

1
1 0

UN# 1999

connie.lane

2011-020-00358-001

Whiteboard ID: 0020-0003778

1100184879

Sample From:

SHORE TANK 209 EPA SAMPLE

Product :

PG64-28 ASPHALT

Vessel: EPA SAMPLES - SHORE TANKS
Terminal: SPRAGUE ROLLING MILLS
Date Received: **04/18/2011**
Retain Period: 120
Container Type: Vial

1
1 0

UN# 1999

connie.lane

2011-020-00358-003

Whiteboard ID: 0020-0003778

1100187594

Sample From:

TANK 202 EPA SAMPLE

Product :

PG64-28 ASPHALT

Vessel: EPA SAMPLES - SHORE TANKS
Terminal: SPRAGUE ROLLING MILLS
Date Received: **04/18/2011**
Retain Period: 120
Container Type: Vial

1
1 0

UN# 1999

connie.lane

2011-020-00358-003

Whiteboard ID: 0020-0003778

1100187593

Sample From:

TANK 202 EPA SAMPLE

Product :

PG64-28 ASPHALT

Vessel: EPA SAMPLES - SHORE TANKS
Terminal: SPRAGUE ROLLING MILLS
Date Received: **04/18/2011**
Retain Period: 120
Container Type: Vial

1
1 0

UN# 1999

connie.lane