



April 27, 2006

Mr. Victor Alvarez

United States Environmental Protection Agency (USEPA)- Region I
Remedial General Permit - Discharge Monitoring Report
Water Technical Unit (SEW)
One Congress Street, Suite 1100
Boston, MA 02114-8127

**Re: Discharge Monitoring Report for March 2006
Remediation General Permit (RGP) Authorization #MAG910165**
Mobil Service Station #11053 (Formerly 01-323)
92 West Main Street - Hopkinton, Massachusetts
MADEP Site No. 2-0807

Dear Mr. Alvarez;

As discussed during your telephone conversation with Mr. Christophe Henry of Groundwater & Environmental Services, Inc. (GES) on April 20, 2006 and in accordance with the Remediation General Permit (RGP) reporting requirements, GES, on behalf of ExxonMobil Corporation (ExxonMobil), submits the attached Discharge Monitoring Report (DMR). This DMR is being submitted to the United States Department of Environmental Protection Agency (USEPA) as the March 2006 discharge sample results indicated that a potential violation of the applicable RGP effluent limitations may have occurred.

Background:

As stated in the final National Pollutant Discharge Elimination System (NPDES) Permit Exclusion DMR report for this site submitted to USEPA on March 10, 2006, the monitoring and discharge of the remedial system located at the above-referenced Mobil service station was transferred from the former NPDES Permit Exclusion to the RGP (#MAG910165) on March 1, 2006, 30 days following receipt of the RGP issued by USEPA on January 27, 2006.

Under the provisions of the new RGP, GES will no longer send monthly DMRs to USEPA unless effluent sample results indicate potential exceedance(s) of RGP limits; rather, these monthly reports will be kept on file for reference. Furthermore, to comply with other state and local requirements, copies of the DMR will continue to be sent to Massachusetts Department of Environmental Protection (MADEP) and the Hopkinton Conservation Commission.

Monitoring Results:

During the March 2006 monitoring period (from February 28, 2006 to April 6, 2006) the remedial system pumped, treated, and discharged approximately 60,323 gallons of groundwater at an average flow rate of 0.45 gallon per minute (gpm) which range from approximately 0.3 to 0.6 gpm and below the designed/permitted average flow rate of 2.5 gpm.

In accordance with the above-referenced RGP, influent and effluent samples were collected on March 3, 2006 to verify proper treatment. The laboratory used USEPA Method 624 to determine the concentrations of benzene, toluene, ethylbenzene, and total xylenes (BTEX), methyl tertiary-butyl ether (MTBE), Naphthalene, Tert-Amyl Methyl Ether (TAME), and Tertiary Butyl Alcohol (TBA). The laboratory used USEPA Method 8015B to determine the total petroleum hydrocarbon (TPH) concentrations qualified as either Gasoline Range Organics (GRO) or Diesel Range Organics (DRO). The laboratory used USEPA Method 200.7 to determine the concentrations of copper, lead, iron, and zinc. The laboratory used USEPA Method 160.2 to determine the total suspended solids (TSS). The pH and temperature readings were field screened with pH and temperature meters in accordance with USEPA Test Method 150.1 and 170.1. Copies of the March 3, 2006 laboratory analysis are attached to this report and summarized in the attached DMR form. It should be noted in accordance to the RGP sampling and testing requirements, the laboratory used the available test methods with the lowest possible Minimum Levels (MLs). Therefore, for some metals such as lead and copper, the laboratory reported to the Method Detection Limit (MDL) instead of the Method Reporting Limit (MRL), which is above the RGP effluent limit, but is the lowest possible ML achievable.

As indicated on the attached DMR form summarizing the post treatment (carbon out) effluent system sample collected on March 3, 2006, all analytes in the treated and discharged groundwater were below permitted limits, except for zinc and pH.

According to provisions in RGP Authorization #MAG910165, USEPA indicated that the permittee has six months (until July 30, 2006) to comply with the applicable RGP metal discharge standards. As such, the zinc concentration detected in the March 3, 2006 effluent sample is not considered an exceedance of the RGP permit. GES will continue to monitor metals concentrations (without limit) until the RGP limits for metals are applicable and GES has begun to investigate proper technologies to address metal concentrations that have periodically been detected in the influent and effluent samples. GES will inform USEPA, MADEP, and the Hopkinton Conservation Commission of the proposed solution and/or modification to the groundwater treatment system in subsequent monthly DMRs and/or Phase V monitoring reports and prepare the USEPA Notice of Change (NOC), if needed.

A potential exceedance of RGP effluent limits was noted in the March 2006 reporting period, associated with a pH field measurement of 6.4 standard units (su), which was obtained during the March 3, 2006 monthly compliance sampling. This pH field measurement was below the applicable RGP pH range of 6.5 through 8.3 su. However, a subsequent pH reading, obtained during the April 2006 sampling event, was 6.7 su, which is within the applicable RGP discharge limits. GES's opinion at this time is that the potential pH exceedance detected on March 3, 2006 may be attributed to field instrument calibration rather than actual site conditions. During the

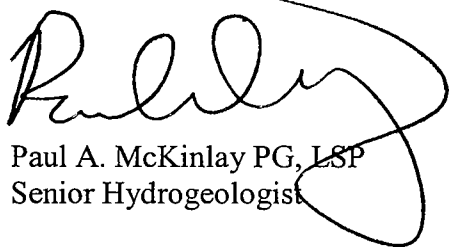


coming months, GES plans to further evaluate pH within the treatment system to confirm these findings and/or to evaluate if the identified pH readings are attributable to natural occurring conditions as the pH through the groundwater treatment system has been relatively consistent.

If you have any questions about the enclosed monitoring report, please feel free to contact the undersigned at (978) 392-0090.

Sincerely,

GROUNDWATER & ENVIRONMENTAL SERVICES, INC.



Paul A. McKinlay PG, LSP
Senior Hydrogeologist



Christophe M. Henry PE, LSP
Senior Project Engineer

Enclosures:

DMR (March 2006)

Attachment 1 - Monthly Summary Form for RGP

Attachment 2 - Copy of Laboratory Analytical Report (March 3, 2006)(Influent/Effluent)

C: Hopkinton Conservation Commission
MADEP- BWSC
Stefan Sokol, LSP - GES w/o attachments

Attachment 1

Monthly Summary Form for RGP
(March 2006)

Appendix VIII: Monthly Summary Form for Remediation General Permit
NATIONAL POLLUTANT DISCHARGE ELEIMINATION SYSTEM
DISCHARGE MONITORING REPORT

Facility or discharge location

Name Mobil Service Station # 11053 (01-323)
Street 92 West Main Street
City Hopkinton
State/Zip code MA, 01748

Telephone number (including area code) 508-435-3690

☐ MAG910165
☐ PERMIT NUMBER

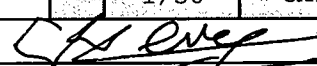
REPORTING PERIOD: FROM

06 02 28
YEAR MO DAY

TO

06 04 06
YEAR MO DAY

Remarks: Monthly Discharge Compliance sample (Effluent) was collected from the discharge line before the waste stream leaves the treatment building.
Date collected: March 3, 2006
Laboratory Analysis Conducted by Test America Analytical Testing Corp of Nashville, TN
Permit limits for Copper, Zinc Lead and Iron are not effective until 7/30/06.

PARAMETER		QUANTITY					CONCENTRATION					FREQUENCY OF ANALYSIS	SAMPLE TYPE
		MINIMUM	AVERAGE	MAXIMUM	UNITS	NO. EX	MINIMUM	AVERAGE	MAXIMUM	UNITS	NO. EX		
Total Suspended Solids (TSS)	REPORTED	-	-	-	-	-	-	<1.11	-	mg/L	0	1/30	GRAB
	PERMIT CONDITION	-	-	-	-	-	-	30.0	-	mg/L	-	1/30	GRAB
Total Petroleum Hydrocarbons (TPH)	REPORTED	-	-	-	-	-	-	<0.205	-	mg/L	0	1/30	GRAB
	PERMIT CONDITION	-	-	-	-	-	-	5.0	-	mg/L	-	1/30	GRAB
Benzene (B)	REPORTED	-	-	-	-	-	-	<1.00	-	µg/L	0	1/30	GRAB
	PERMIT CONDITION	-	-	-	-	-	-	5.0	-	µg/L	-	1/30	GRAB
Toluene (T)	REPORTED	-	-	-	-	-	-	<1.00	-	µg/L	0	1/30	GRAB
	PERMIT CONDITION	-	-	-	-	-	-	limited as total BTEX	-	µg/L	-	1/30	GRAB
Ethylbenzene (E)	REPORTED	-	-	-	-	-	-	<1.00	-	µg/L	0	1/30	GRAB
	PERMIT CONDITION	-	-	-	-	-	-	limited as total BTEX	-	µg/L	-	1/30	GRAB
(m,p,o) Xylenes (X)	REPORTED	-	-	-	-	-	-	<2.00	-	µg/L	0	1/30	GRAB
	PERMIT CONDITION	-	-	-	-	-	-	limited as total BTEX	-	µg/L	-	1/30	GRAB
Total BTEX	REPORTED	-	-	-	-	-	-	<5.00	-	µg/L	0	1/30	GRAB
	PERMIT CONDITION	-	-	-	-	-	-	100	-	µg/L	-	1/30	GRAB
Methyl-tert-Butyl Ether (MtBE)	REPORTED	-	-	-	-	-	-	<1.00	-	µg/L	0	1/30	GRAB
	PERMIT CONDITION	-	-	-	-	-	-	70.0	-	µg/L	-	1/30	GRAB
NAME OF PRINCIPAL EXECUTIVE OFFICER		TITLE OF THE OFFICER			DATE			I certify that I am familiar with the information contained in this report and that to be best of my knowledge and belief such information is true, complete, and accurate.			 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT		
Henry, Christophe M.		Sr. Project Manager			06 04 27								
LAST	FIRST	MI	TITLE	YEAR	MO	DAY							

Appendix VIII: Monthly Summary Form for Remediation General Permit
NATIONAL POLLUTANT DISCHARGE ELEIMINATION SYSTEM
DISCHARGE MONITORING REPORT

Facility or discharge location

Name Mobil Service Station # 11053 (01-323)
Street 92 West Main Street
City Hopkinton
State/Zip code MA, 01748
Telephone number (including area code) 508-435-3690

Remarks: Monthly Discharge Compliance sample (Effluent)
was collected from the discharge line before the
waste stream leaves the treatment building.
Date collected: March 3, 2006
Laboratory Analysis Conducted by Test America
Analytical Testing Corp of Nashville, TN
Permit limits for Copper, Zinc Lead and Iron are not
effective until 7/30/06.

	MAG910165
	PERMIT NUMBER

REPORTING PERIOD: FROM

06	02	28
YEAR	MO	DAY

TO

06	04	06
YEAR	MO	DAY

PARAMETER		QUANTITY					CONCENTRATION					FREQUENCY OF ANALYSIS	SAMPLE TYPE
		MINIMUM	AVERAGE	MAXIMUM	UNITS	NO. EX	MINIMUM	AVERAGE	MAXIMUM	UNITS	NO. EX		
tert-Butyl Alcohol (TBA)	REPORTED	-	-	-	-	-	-	<20.0	-	µg/L	0	1/30	GRAB
	PERMIT CONDITION	-	-	-	-	-	-	MONITOR	-	µg/L	-	1/30	GRAB
tert-Amyl Methyl Ether (TAME)	REPORTED	-	-	-	-	-	-	<1.00	-	µg/L	0	1/30	GRAB
	PERMIT CONDITION	-	-	-	-	-	-	MONITOR	-	µg/L	-	1/30	GRAB
Naphthalene	REPORTED	-	-	-	-	-	-	<5.00	-	µg/L	0	1/30	GRAB
	PERMIT CONDITION	-	-	-	-	-	-	20	-	µg/L	-	1/30	GRAB
Copper	REPORTED	-	-	-	-	-	-	<5.30	-	µg/L	0	1/30	GRAB
	PERMIT CONDITION	-	-	-	-	-	-	5.2	-	µg/L	-	1/30	GRAB
Lead	REPORTED	-	-	-	-	-	-	<3.00	-	µg/L	0	1/30	GRAB
	PERMIT CONDITION	-	-	-	-	-	-	1.3	-	µg/L	-	1/30	GRAB
Zinc	REPORTED	-	-	-	-	-	-	148	-	µg/L	0	1/30	GRAB
	PERMIT CONDITION	-	-	-	-	-	-	66.6	-	µg/L	-	1/30	GRAB
Iron	REPORTED	-	-	-	-	-	-	307	-	µg/L	0	1/30	GRAB
	PERMIT CONDITION	-	-	-	-	-	-	1,000	-	µg/L	-	1/30	GRAB
Instantaneous Flow	REPORTED	-	0.45	-	gallons per minute	0	-	-	-	-	-	instantaneous	NA
	PERMIT CONDITION	-	2.5	-	gallons per minute	-	-	-	-	-	-	instantaneous	NA
NAME OF PRINCIPAL EXECUTIVE OFFICER		TITLE OF THE OFFICER				DATE		I certify that I am familiar with the information contained in this report and that to be best of my knowledge and belief such information is true, complete, and accurate.					
Henry, Christophe M.		Sr. Project Manager				06 04 27							
LAST FIRST MI		TITLE				YEAR MO DAY		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT					

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Street 92 West Main Street
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State/Zip code MA, 01748

Telephone number (including area code) 508-435-3690

	MAG910165	
	PERMIT NUMBER	

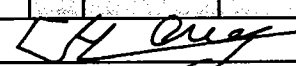
REPORTING PERIOD: FROM

06	02	28
YEAR	MO	DAY

TO

06	04	06
YEAR	MO	DAY

Remarks: Monthly Discharge Compliance sample (Effluent) was collected from the discharge line before the waste stream leaves the treatment building.
Date collected: March 3, 2006
Laboratory Analysis Conducted by Test America Analytical Testing Corp of Nashville, TN
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PARAMETER		QUANTITY					CONCENTRATION					FREQUENCY OF ANALYSIS	SAMPLE TYPE
		MINIMUM	AVERAGE	MAXIMUM	UNITS	NO. EX	MINIMUM	AVERAGE	MAXIMUM	UNITS	NO. EX		
Total Flow	REPORTED	-	60323	-	gallons per period	0	-	-	-	-	-	continuous	Total
	PERMIT CONDITION	-	-	-		-	-	-	-	-	-	-	continuous
pH Range for Class A & Class B Waters in MA	REPORTED	-	-	-	-	-	-	6.4	-	-	1	1/30	GRAB
	PERMIT CONDITION	-	-	-		-	6.5	-	8.3	-	-	1/30	GRAB
	REPORTED												
	PERMIT CONDITION												
	REPORTED												
	PERMIT CONDITION												
	REPORTED												
	PERMIT CONDITION												
	REPORTED												
	PERMIT CONDITION												
	REPORTED												
	PERMIT CONDITION												
	REPORTED												
	PERMIT CONDITION												
NAME OF PRINCIPAL EXECUTIVE OFFICER		TITLE OF THE OFFICER		DATE		I certify that I am familiar with the information contained in this report and that to be best of my knowledge and belief such information is true, complete, and accurate.					 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT		
Henry, Christophe M.		Sr. Project Manager		06 04 27									
LAST	FIRST	MI	TITLE	YEAR	MO	DAY							

ATTACHMENT 2

Laboratory Analytical Report
(March 3, 2006)

RECEIVED

March 15, 2006

MAR 23 2006

Client: GES Westford (10118) EM D. Baker
364 Littleton Road, Suite 4
Westford, MA 01886
Attn: Paul McKinlay

GES-ENE

Work Order: NPC0897
Project Name: Exxon(06) 01-323 PO:4506947900
Project Nbr: Exxon 01-323
P/O Nbr: 4506947900
Date Received: 03/07/06

SAMPLE IDENTIFICATION**LAB NUMBER****COLLECTION DATE AND TIME**

Influent	NPC0897-01	03/03/06 10:00
Effluent	NPC0897-02	03/03/06 09:00
Trip Blank	NPC0897-03	03/03/06 00:01

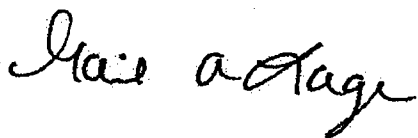
An executed copy of the chain of custody, the project quality control data, and the sample receipt form are also included as an addendum to this report. If you have any questions relating to this analytical report, please contact your Laboratory Project Manager at 1-800-765-0980. Any opinions, if expressed, are outside the scope of the Laboratory's accreditation.

This material is intended only for the use of the individual(s) or entity to whom it is addressed, and may contain information that is privileged and confidential. If you are not the intended recipient, or the employee or agent responsible for delivering this material to the intended recipient, you are hereby notified that any dissemination, distribution, or copying of this material is strictly prohibited. If you have received this material in error, please notify us immediately at 615-726-0177.

The Chain(s) of Custody, 2 pages, are included and are an integral part of this report.

These results relate only to the items tested. This report shall not be reproduced except in full and with permission of the laboratory.

Report Approved By:



Gail A Lage

Senior Project Manager

Client GES Westford (10118) EM D. Baker
364 Littleton Road, Suite 4
Westford, MA 01886
Attn Paul McKinlay

Work Order: NPC0897
Project Name: Exxon(06) 01-323 PO:4506947900
Project Number: Exxon 01-323
Received: 03/07/06 08:30

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPC0897-01 (Influent - Ground Water) Sampled: 03/03/06 10:00								
General Chemistry Parameters								
Total Suspended Solids	29.2		mg/L	4.00	1	03/08/06 17:54	EPA 160.2	6031614

Client GES Westford (10118) EM D. Baker
364 Littleton Road, Suite 4
Westford, MA 01886
Attn Paul McKinlay

Work Order: NPC0897
Project Name: Exxon(06) 01-323 PO:4506947900
Project Number: Exxon 01-323
Received: 03/07/06 08:30

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MDL	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPC0897-01 (Influent - Ground Water) - cont. Sampled: 03/03/06 10:00									
Total Metals by EPA Method 200.7									
Copper	0.0300		mg/L	0.00530	0.0100	1	03/08/06 18:56	EPA 200.7	6031451
Iron	28.1		mg/L	0.0300	0.0500	1	03/08/06 18:56	EPA 200.7	6031451
Lead	0.00402	J	mg/L	0.00300	0.00500	1	03/08/06 18:56	EPA 200.7	6031451
Zinc	0.0586		mg/L	0.0200	0.0500	1	03/08/06 18:56	EPA 200.7	6031451

Client GES Westford (10118) EM D. Baker
364 Littleton Road, Suite 4
Westford, MA 01886
Attn Paul McKinlay

Work Order: NPC0897
Project Name: Exxon(06) 01-323 PO:4506947900
Project Number: Exxon 01-323
Received: 03/07/06 08:30

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPC0897-01 (Influent - Ground Water) - cont. Sampled: 03/03/06 10:00								
Purgeable Organic Compounds by EPA Method 624								
Tert-Amyl Methyl Ether	137		ug/L	1.00	1	03/10/06 09:52	EPA 624	6032147
Benzene	9.83		ug/L	1.00	1	03/10/06 09:52	EPA 624	6032147
Tertiary Butyl Alcohol	1220		ug/L	20.0	1	03/10/06 09:52	EPA 624	6032147
Ethylbenzene	9.40		ug/L	1.00	1	03/10/06 09:52	EPA 624	6032147
Methyl tert-Butyl Ether	9530		ug/L	50.0	50	03/10/06 20:33	EPA 624	6032165
Naphthalene	16.0		ug/L	5.00	1	03/10/06 09:52	EPA 624	6032147
Toluene	9.93		ug/L	1.00	1	03/10/06 09:52	EPA 624	6032147
Xylenes, total	250		ug/L	2.00	1	03/10/06 09:52	EPA 624	6032147
Surr: 1,2-Dichloroethane-d4 (81-126%)	83 %					03/10/06 09:52	EPA 624	6032147
Surr: 1,2-Dichloroethane-d4 (81-126%)	87 %					03/10/06 20:33	EPA 624	6032165
Surr: Dibromofluoromethane (88-120%)	99 %					03/10/06 09:52	EPA 624	6032147
Surr: Dibromofluoromethane (88-120%)	105 %					03/10/06 20:33	EPA 624	6032165
Surr: Toluene-d8 (85-130%)	103 %					03/10/06 09:52	EPA 624	6032147
Surr: Toluene-d8 (85-130%)	109 %					03/10/06 20:33	EPA 624	6032165
Surr: 4-Bromofluorobenzene (80-124%)	107 %					03/10/06 09:52	EPA 624	6032147
Surr: 4-Bromofluorobenzene (80-124%)	104 %					03/10/06 20:33	EPA 624	6032165
Extractable Petroleum Hydrocarbons								
Diesel	2090		ug/L	105	1	03/15/06 04:15	SW846 8015B	6031424
Surr: o-Terphenyl (55-150%)	132 %					03/15/06 04:15	SW846 8015B	6031424
Purgeable Petroleum Hydrocarbons								
GRO as Gasoline	5540		ug/L	2000	20	03/11/06 15:03	SW846 8015B	6032239
Surr: a,a,a-Trifluorotoluene (63-134%)	91 %					03/11/06 15:03	SW846 8015B	6032239
Sample ID: NPC0897-02 (Effluent - Ground Water) Sampled: 03/03/06 09:00								
General Chemistry Parameters								
Total Suspended Solids	ND		mg/L	1.11	1	03/09/06 16:26	EPA 160.2	6031616



ANALYTICAL TESTING CORPORATION

2980 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client GES Westford (10118) EM D. Baker
364 Littleton Road, Suite 4
Westford, MA 01886
Attn Paul McKinlay

Work Order: NPC0897
Project Name: Exxon(06) 01-323 PO:4506947900
Project Number: Exxon 01-323
Received: 03/07/06 08:30

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MDL	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPC0897-02 (Effluent - Ground Water) - cont. Sampled: 03/03/06 09:00									
Total Metals by EPA Method 200.7									
Copper	ND		mg/L	0.00530	0.0100	1	03/08/06 19:01	EPA 200.7	6031451
Iron	0.307		mg/L	0.0300	0.0500	1	03/08/06 19:01	EPA 200.7	6031451
Lead	ND		mg/L	0.00300	0.00500	1	03/08/06 19:01	EPA 200.7	6031451
Zinc	0.148		mg/L	0.0200	0.0500	1	03/08/06 19:01	EPA 200.7	6031451

Client: GES Westford (10118) EM D. Baker
364 Littleton Road, Suite 4
Westford, MA 01886
Attn: Paul McKinlay

Work Order: NPC0897
Project Name: Exxon(06) 01-323 PO:4506947900
Project Number: Exxon 01-323
Received: 03/07/06 08:30

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPC0897-02RE1 (Effluent - Ground Water) - cont. Sampled: 03/03/06 09:00								
Purgeable Organic Compounds by EPA Method 624								
Tert-Amyl Methyl Ether	ND		ug/L	1.00	1	03/10/06 17:33	EPA 624	6032165
Benzene	ND		ug/L	1.00	1	03/10/06 10:14	EPA 624	6032147
Tertiary Butyl Alcohol	ND		ug/L	20.0	1	03/10/06 17:33	EPA 624	6032165
Ethylbenzene	ND		ug/L	1.00	1	03/10/06 10:14	EPA 624	6032147
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	03/10/06 17:33	EPA 624	6032165
Naphthalene	ND		ug/L	5.00	1	03/10/06 10:14	EPA 624	6032147
Toluene	ND		ug/L	1.00	1	03/10/06 10:14	EPA 624	6032147
Xylenes, total	ND		ug/L	2.00	1	03/10/06 10:14	EPA 624	6032147
Surr: 1,2-Dichloroethane-d4 (81-126%)	83 %					03/10/06 10:14	EPA 624	6032147
Surr: 1,2-Dichloroethane-d4 (81-126%)	84 %					03/10/06 17:33	EPA 624	6032165
Surr: Dibromofluoromethane (88-120%)	99 %					03/10/06 10:14	EPA 624	6032147
Surr: Dibromofluoromethane (88-120%)	104 %					03/10/06 17:33	EPA 624	6032165
Surr: Toluene-d8 (85-130%)	105 %					03/10/06 10:14	EPA 624	6032147
Surr: Toluene-d8 (85-130%)	107 %					03/10/06 17:33	EPA 624	6032165
Surr: 4-Bromofluorobenzene (80-124%)	106 %					03/10/06 10:14	EPA 624	6032147
Surr: 4-Bromofluorobenzene (80-124%)	106 %					03/10/06 17:33	EPA 624	6032165
Extractable Petroleum Hydrocarbons								
Diesel	ND		ug/L	105	1	03/15/06 04:31	SW846 8015B	6031424
Surr: o-Terphenyl (55-150%)	131 %					03/15/06 04:31	SW846 8015B	6031424
Purgeable Petroleum Hydrocarbons								
GRO as Gasoline	ND		ug/L	100	1	03/10/06 12:13	SW846 8015B	6031872
Surr: a,a,a-Trifluorotoluene (63-134%)	92 %					03/10/06 12:13	SW846 8015B	6031872

Sample ID: NPC0897-03 (Trip Blank - Ground Water) Sampled: 03/03/06 00:01

Purgeable Organic Compounds by EPA Method 624								
Tert-Amyl Methyl Ether	ND		ug/L	1.00	1	03/10/06 08:19	EPA 624	6032147
Benzene	ND		ug/L	1.00	1	03/10/06 17:10	EPA 624	6032165
Tertiary Butyl Alcohol	ND		ug/L	20.0	1	03/10/06 08:19	EPA 624	6032147
Ethylbenzene	ND		ug/L	1.00	1	03/10/06 17:10	EPA 624	6032165
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	03/10/06 17:10	EPA 624	6032165
Naphthalene	ND		ug/L	5.00	1	03/10/06 17:10	EPA 624	6032165
Toluene	ND		ug/L	1.00	1	03/10/06 17:10	EPA 624	6032165
Xylenes, total	ND		ug/L	2.00	1	03/10/06 17:10	EPA 624	6032165
Surr: 1,2-Dichloroethane-d4 (81-126%)	87 %					03/10/06 17:10	EPA 624	6032165
Surr: Dibromofluoromethane (88-120%)	104 %					03/10/06 17:10	EPA 624	6032165
Surr: Toluene-d8 (85-130%)	105 %					03/10/06 17:10	EPA 624	6032165
Surr: 4-Bromofluorobenzene (80-124%)	105 %					03/10/06 17:10	EPA 624	6032165

Client GES Westford (10118) EM D. Baker
364 Littleton Road, Suite 4
Westford, MA 01886
Attn Paul McKinlay

Work Order: NPC0897
Project Name: Exxon(06) 01-323 PO:4506947900
Project Number: Exxon 01-323
Received: 03/07/06 08:30

SAMPLE EXTRACTION DATA

Parameter	Batch	Lab Number	Wt/Vol Extracted	Extracted Vol	Date	Analyst	Extraction Method
Extractable Petroleum Hydrocarbons							
SW846 8015B	6031424	NPC0897-01	950.00	1.00	03/08/06 09:15	CEC	EPA 3510C
SW846 8015B	6031424	NPC0897-02	950.00	1.00	03/08/06 09:15	CEC	EPA 3510C
Total Metals by EPA Method 200.7							
EPA 200.7	6031451	NPC0897-01	50.00	50.00	03/08/06 07:50	JMR	EPA 200.7
EPA 200.7	6031451	NPC0897-01	50.00	50.00	03/08/06 07:50	JMR	EPA 200.7
EPA 200.7	6031451	NPC0897-01	50.00	50.00	03/08/06 07:50	JMR	EPA 200.7
EPA 200.7	6031451	NPC0897-01	50.00	50.00	03/08/06 07:50	JMR	EPA 200.7
EPA 200.7	6031451	NPC0897-02	50.00	50.00	03/08/06 07:50	JMR	EPA 200.7
EPA 200.7	6031451	NPC0897-02	50.00	50.00	03/08/06 07:50	JMR	EPA 200.7
EPA 200.7	6031451	NPC0897-02	50.00	50.00	03/08/06 07:50	JMR	EPA 200.7
EPA 200.7	6031451	NPC0897-02	50.00	50.00	03/08/06 07:50	JMR	EPA 200.7

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Received: 03/07/06 08:30

PROJECT QUALITY CONTROL DATA

Blank

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
General Chemistry Parameters						
6031614-BLK1						
Total Suspended Solids	<0.500		mg/L	6031614	6031614-BLK1	03/08/06 17:54
6031616-BLK1						
Total Suspended Solids	<0.500		mg/L	6031616	6031616-BLK1	03/09/06 16:26
6031616-BLK2						
Total Suspended Solids	<0.500		mg/L	6031616	6031616-BLK2	03/09/06 16:26
Total Metals by EPA Method 200.7						
6031451-BLK1						
Copper	<0.00530		mg/L	6031451	6031451-BLK1	03/08/06 16:41
Iron	<0.0300		mg/L	6031451	6031451-BLK1	03/09/06 11:01
Lead	<0.00300		mg/L	6031451	6031451-BLK1	03/08/06 16:41
Zinc	<0.0200		mg/L	6031451	6031451-BLK1	03/08/06 16:41
Purgeable Organic Compounds by EPA Method 624						
6032147-BLK1						
Tert-Amyl Methyl Ether	<0.160		ug/L	6032147	6032147-BLK1	03/10/06 02:56
1,2-Dibromoethane (EDB)	<0.110		ug/L	6032147	6032147-BLK1	03/10/06 02:56
1,2-Dichloroethane	<0.560		ug/L	6032147	6032147-BLK1	03/10/06 02:56
Benzene	<0.290		ug/L	6032147	6032147-BLK1	03/10/06 02:56
Ethyl tert-Butyl Ether	<0.230		ug/L	6032147	6032147-BLK1	03/10/06 02:56
Diisopropyl Ether	<0.280		ug/L	6032147	6032147-BLK1	03/10/06 02:56
Methyl tert-Butyl Ether	<0.110		ug/L	6032147	6032147-BLK1	03/10/06 02:56
Tertiary Butyl Alcohol	<4.44		ug/L	6032147	6032147-BLK1	03/10/06 02:56
Ethylbenzene	<0.230		ug/L	6032147	6032147-BLK1	03/10/06 02:56
Methyl tert-Butyl Ether	<0.110		ug/L	6032147	6032147-BLK1	03/10/06 02:56
Naphthalene	<0.200		ug/L	6032147	6032147-BLK1	03/10/06 02:56
Toluene	<0.280		ug/L	6032147	6032147-BLK1	03/10/06 02:56
Xylenes, total	<0.680		ug/L	6032147	6032147-BLK1	03/10/06 02:56
Surrogate: 1,2-Dichloroethane-d4	84%			6032147	6032147-BLK1	03/10/06 02:56
Surrogate: Dibromofluoromethane	99%			6032147	6032147-BLK1	03/10/06 02:56
Surrogate: Toluene-d8	106%			6032147	6032147-BLK1	03/10/06 02:56
Surrogate: 4-Bromofluorobenzene	105%			6032147	6032147-BLK1	03/10/06 02:56
6032165-BLK1						
Tert-Amyl Methyl Ether	<0.160		ug/L	6032165	6032165-BLK1	03/10/06 16:48
1,2-Dibromoethane (EDB)	<0.110		ug/L	6032165	6032165-BLK1	03/10/06 16:48
1,2-Dichloroethane	<0.560		ug/L	6032165	6032165-BLK1	03/10/06 16:48
Benzene	<0.290		ug/L	6032165	6032165-BLK1	03/10/06 16:48
Ethyl tert-Butyl Ether	<0.230		ug/L	6032165	6032165-BLK1	03/10/06 16:48
Diisopropyl Ether	<0.280		ug/L	6032165	6032165-BLK1	03/10/06 16:48

Client GES Westford (10118) EM D. Baker
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Project Number: Exxon 01-323
Received: 03/07/06 08:30

PROJECT QUALITY CONTROL DATA

Blank - Cont.

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Purgeable Organic Compounds by EPA Method 624						
6032165-BLK1						
Methyl tert-Butyl Ether	<0.110		ug/L	6032165	6032165-BLK1	03/10/06 16:48
Tertiary Butyl Alcohol	<4.44		ug/L	6032165	6032165-BLK1	03/10/06 16:48
Ethylbenzene	<0.230		ug/L	6032165	6032165-BLK1	03/10/06 16:48
Methyl tert-Butyl Ether	<0.110		ug/L	6032165	6032165-BLK1	03/10/06 16:48
Naphthalene	<0.200		ug/L	6032165	6032165-BLK1	03/10/06 16:48
Toluene	<0.280		ug/L	6032165	6032165-BLK1	03/10/06 16:48
Xylenes, total	<0.680		ug/L	6032165	6032165-BLK1	03/10/06 16:48
Surrogate: 1,2-Dichloroethane-d4	84%			6032165	6032165-BLK1	03/10/06 16:48
Surrogate: Dibromofluoromethane	102%			6032165	6032165-BLK1	03/10/06 16:48
Surrogate: Toluene-d8	106%			6032165	6032165-BLK1	03/10/06 16:48
Surrogate: 4-Bromofluorobenzene	104%			6032165	6032165-BLK1	03/10/06 16:48
Extractable Petroleum Hydrocarbons						
6031424-BLK2						
Diesel	<79.0		ug/L	6031424	6031424-BLK2	03/15/06 08:07
Surrogate: o-Terphenyl	126%			6031424	6031424-BLK2	03/15/06 08:07
Purgeable Petroleum Hydrocarbons						
6031872-BLK1						
GRO as Gasoline	<39.0		ug/L	6031872	6031872-BLK1	03/10/06 07:18
Surrogate: a,a,a-Trifluorotoluene	75%			6031872	6031872-BLK1	03/10/06 07:18
6032239-BLK1						
GRO as Gasoline	<39.0		ug/L	6032239	6032239-BLK1	03/11/06 07:21
Surrogate: a,a,a-Trifluorotoluene	88%			6032239	6032239-BLK1	03/11/06 07:21

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PROJECT QUALITY CONTROL DATA

Duplicate

Analyte	Orig. Val.	Duplicate	Q	Units	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
General Chemistry Parameters									
6031614-DUP1									
Total Suspended Solids	39.8	44.2		mg/L	10	20	6031614	NPC1059-07	03/08/06 17:54
6031616-DUP1									
Total Suspended Solids	41.2	41.6		mg/L	1	20	6031616	NPC0964-02	03/09/06 16:26
6031616-DUP2									
Total Suspended Solids	81.6	75.6		mg/L	8	20	6031616	NPC1023-03	03/09/06 16:26

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PROJECT QUALITY CONTROL DATA LCS

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
General Chemistry Parameters								
6031614-BS1								
Total Suspended Solids	100	92.0		mg/L	92%	90 - 110	6031614	03/08/06 17:54
6031616-BS1								
Total Suspended Solids	100	93.0		mg/L	93%	90 - 110	6031616	03/09/06 16:26
Total Metals by EPA Method 200.7								
6031451-BS1								
Copper	0.250	0.248		mg/L	99%	85 - 115	6031451	03/08/06 16:46
Iron	1.00	1.03		mg/L	103%	85 - 115	6031451	03/08/06 16:46
Lead	0.0500	0.0511		mg/L	102%	85 - 115	6031451	03/08/06 16:46
Zinc	0.500	0.529		mg/L	106%	85 - 115	6031451	03/08/06 16:46
Purgeable Organic Compounds by EPA Method 624								
6032147-BS1								
Tert-Amyl Methyl Ether	50.0	60.8		ug/L	122%	49 - 158	6032147	03/10/06 01:48
1,2-Dibromoethane (EDB)	50.0	61.2		ug/L	122%	77 - 122	6032147	03/10/06 01:48
1,2-Dichloroethane	50.0	43.5		ug/L	87%	49 - 155	6032147	03/10/06 01:48
Benzene	50.0	54.5		ug/L	109%	37 - 151	6032147	03/10/06 01:48
Ethyl tert-Butyl Ether	50.0	56.9		ug/L	114%	60 - 153	6032147	03/10/06 01:48
Diisopropyl Ether	50.0	52.8		ug/L	106%	75 - 132	6032147	03/10/06 01:48
Methyl tert-Butyl Ether	50.0	56.1		ug/L	112%	53 - 144	6032147	03/10/06 01:48
Tertiary Butyl Alcohol	500	564		ug/L	113%	25 - 168	6032147	03/10/06 01:48
Ethylbenzene	50.0	55.8		ug/L	112%	37 - 162	6032147	03/10/06 01:48
Methyl tert-Butyl Ether	50.0	56.1		ug/L	112%	53 - 144	6032147	03/10/06 01:48
Naphthalene	50.0	65.9		ug/L	132%	1 - 172	6032147	03/10/06 01:48
Toluene	50.0	55.2		ug/L	110%	47 - 150	6032147	03/10/06 01:48
Xylenes, total	150	164		ug/L	109%	80 - 125	6032147	03/10/06 01:48
Surrogate: 1,2-Dichloroethane-d4	30.0	24.3			81%	81 - 126	6032147	03/10/06 01:48
Surrogate: Dibromofluoromethane	30.0	29.4			98%	88 - 120	6032147	03/10/06 01:48
Surrogate: Toluene-d8	30.0	32.3			108%	85 - 130	6032147	03/10/06 01:48
Surrogate: 4-Bromofluorobenzene	30.0	32.6			109%	80 - 124	6032147	03/10/06 01:48
6032165-BS1								
Tert-Amyl Methyl Ether	50.0	59.9		ug/L	120%	49 - 158	6032165	03/10/06 15:40
1,2-Dibromoethane (EDB)	50.0	59.8		ug/L	120%	77 - 122	6032165	03/10/06 15:40
1,2-Dichloroethane	50.0	42.1		ug/L	84%	49 - 155	6032165	03/10/06 15:40
Benzene	50.0	52.9		ug/L	106%	37 - 151	6032165	03/10/06 15:40
Ethyl tert-Butyl Ether	50.0	55.0		ug/L	110%	60 - 153	6032165	03/10/06 15:40
Diisopropyl Ether	50.0	49.6		ug/L	99%	75 - 132	6032165	03/10/06 15:40
Methyl tert-Butyl Ether	50.0	55.2		ug/L	110%	53 - 144	6032165	03/10/06 15:40
Tertiary Butyl Alcohol	500	598		ug/L	120%	25 - 168	6032165	03/10/06 15:40
Ethylbenzene	50.0	54.0		ug/L	108%	37 - 162	6032165	03/10/06 15:40

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PROJECT QUALITY CONTROL DATA LCS - Cont.

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
Purgeable Organic Compounds by EPA Method 624								
6032165-BS1								
Methyl tert-Butyl Ether	50.0	55.2		ug/L	110%	53 - 144	6032165	03/10/06 15:40
Naphthalene	50.0	66.6		ug/L	133%	1 - 172	6032165	03/10/06 15:40
Toluene	50.0	53.4		ug/L	107%	47 - 150	6032165	03/10/06 15:40
Xylenes, total	150	159		ug/L	106%	80 - 125	6032165	03/10/06 15:40
Surrogate: 1,2-Dichloroethane-d4	30.0	24.0	Z10		80%	81 - 126	6032165	03/10/06 15:40
Surrogate: Dibromofluoromethane	30.0	30.8			103%	88 - 120	6032165	03/10/06 15:40
Surrogate: Toluene-d8	30.0	32.8			109%	85 - 130	6032165	03/10/06 15:40
Surrogate: 4-Bromofluorobenzene	30.0	31.5			105%	80 - 124	6032165	03/10/06 15:40
Extractable Petroleum Hydrocarbons								
6031424-BS1								
Diesel	1000	674		ug/L	67%	49 - 118	6031424	03/15/06 02:05
Surrogate: o-Terphenyl	20.0	20.2			101%	55 - 150	6031424	03/15/06 02:05
Purgeable Petroleum Hydrocarbons								
6031872-BS1								
GRO as Gasoline	1000	843		ug/L	84%	68 - 128	6031872	03/10/06 17:09
Surrogate: a,a,a-Trifluorotoluene	30.0	27.8			93%	63 - 134	6031872	03/10/06 17:09
6032239-BS1								
GRO as Gasoline	1000	706		ug/L	71%	68 - 128	6032239	03/11/06 17:47
Surrogate: a,a,a-Trifluorotoluene	30.0	31.2			104%	63 - 134	6032239	03/11/06 17:47

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PROJECT QUALITY CONTROL DATA

Matrix Spike

Analyte	Orig. Val.	MS Val	Q	Units	Spike Conc	% Rec.	Target Range	Batch	Sample Spiked	Analyzed Date/Time
Total Metals by EPA Method 200.7										
6031451-MS1										
Copper	0.00530	0.259		mg/L	0.250	104%	70 - 130	6031451	NPC0776-01	03/08/06 16:59
Iron	0.246	1.27		mg/L	1.00	102%	70 - 130	6031451	NPC0776-01	03/08/06 16:59
Lead	0.00300	0.0502		mg/L	0.0500	100%	70 - 130	6031451	NPC0776-01	03/08/06 16:59
Zinc	0.0200	0.532		mg/L	0.500	106%	70 - 130	6031451	NPC0776-01	03/08/06 16:59

Purgeable Organic Compounds by EPA Method 624

6032147-MS1

Tert-Amyl Methyl Ether	0.970	61.1		ug/L	50.0	120%	43 - 165	6032147	NPC0897-02	03/10/06 12:51
1,2-Dibromoethane (EDB)	ND	57.2		ug/L	50.0	114%	77 - 122	6032147	NPC0897-02	03/10/06 12:51
1,2-Dichloroethane	1.52	41.5		ug/L	50.0	80%	49 - 155	6032147	NPC0897-02	03/10/06 12:51
Benzene	ND	54.0		ug/L	50.0	108%	37 - 151	6032147	NPC0897-02	03/10/06 12:51
Ethyl tert-Butyl Ether	ND	59.9		ug/L	50.0	120%	57 - 155	6032147	NPC0897-02	03/10/06 12:51
Diisopropyl Ether	ND	51.8		ug/L	50.0	104%	75 - 132	6032147	NPC0897-02	03/10/06 12:51
Methyl tert-Butyl Ether	4.08	58.6		ug/L	50.0	109%	53 - 144	6032147	NPC0897-02	03/10/06 12:51
Tertiary Butyl Alcohol	87.8	698		ug/L	500	122%	1 - 186	6032147	NPC0897-02	03/10/06 12:51
Ethylbenzene	ND	55.0		ug/L	50.0	110%	37 - 162	6032147	NPC0897-02	03/10/06 12:51
Methyl tert-Butyl Ether	4.08	58.6		ug/L	50.0	109%	53 - 144	6032147	NPC0897-02	03/10/06 12:51
Naphthalene	2.19	148	M1	ug/L	50.0	292%	1 - 172	6032147	NPC0897-02	03/10/06 12:51
Toluene	ND	53.3		ug/L	50.0	107%	47 - 150	6032147	NPC0897-02	03/10/06 12:51
Xylenes, total	ND	159		ug/L	150	106%	80 - 125	6032147	NPC0897-02	03/10/06 12:51
Surrogate: 1,2-Dichloroethane-d4		24.2		ug/L	30.0	81%	81 - 126	6032147	NPC0897-02	03/10/06 12:51
Surrogate: Dibromofluoromethane		30.4		ug/L	30.0	101%	88 - 120	6032147	NPC0897-02	03/10/06 12:51
Surrogate: Toluene-d8		31.8		ug/L	30.0	106%	85 - 130	6032147	NPC0897-02	03/10/06 12:51
Surrogate: 4-Bromofluorobenzene		32.2		ug/L	30.0	107%	80 - 124	6032147	NPC0897-02	03/10/06 12:51

6032165-MS1

Tert-Amyl Methyl Ether	ND	59.2		ug/L	50.0	118%	43 - 165	6032165	NPC0895-03RE 1	03/11/06 00:40
1,2-Dibromoethane (EDB)	ND	60.2		ug/L	50.0	120%	77 - 122	6032165	NPC0895-03RE 1	03/11/06 00:40
1,2-Dichloroethane	ND	44.3		ug/L	50.0	89%	49 - 155	6032165	NPC0895-03RE 1	03/11/06 00:40
Benzene	ND	56.2		ug/L	50.0	112%	37 - 151	6032165	NPC0895-03RE 1	03/11/06 00:40
Ethyl tert-Butyl Ether	ND	58.9		ug/L	50.0	118%	57 - 155	6032165	NPC0895-03RE 1	03/11/06 00:40
Diisopropyl Ether	ND	52.7		ug/L	50.0	105%	75 - 132	6032165	NPC0895-03RE 1	03/11/06 00:40
Methyl tert-Butyl Ether	ND	57.1		ug/L	50.0	114%	53 - 144	6032165	NPC0895-03RE 1	03/11/06 00:40
Tertiary Butyl Alcohol	ND	558		ug/L	500	112%	1 - 186	6032165	NPC0895-03RE 1	03/11/06 00:40

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PROJECT QUALITY CONTROL DATA Matrix Spike - Cont.

Analyte	Orig. Val.	MS Val	Q	Units	Spike Conc	% Rec.	Target Range	Batch	Sample Spiked	Analyzed Date/Time
Purgeable Organic Compounds by EPA Method 624										
6032165-MS1										
Ethylbenzene	ND	56.5		ug/L	50.0	113%	37 - 162	6032165	NPC0895-03RE 1	03/11/06 00:40
Methyl tert-Butyl Ether	ND	57.1		ug/L	50.0	114%	53 - 144	6032165	NPC0895-03RE 1	03/11/06 00:40
Naphthalene	ND	55.9		ug/L	50.0	112%	1 - 172	6032165	NPC0895-03RE 1	03/11/06 00:40
Toluene	ND	56.2		ug/L	50.0	112%	47 - 150	6032165	NPC0895-03RE 1	03/11/06 00:40
Xylenes, total	ND	164		ug/L	150	109%	80 - 125	6032165	NPC0895-03RE 1	03/11/06 00:40
Surrogate: 1,2-Dichloroethane-d4		25.1		ug/L	30.0	84%	81 - 126	6032165	NPC0895-03RE 1	03/11/06 00:40
Surrogate: Dibromofluoromethane		31.6		ug/L	30.0	105%	88 - 120	6032165	NPC0895-03RE 1	03/11/06 00:40
Surrogate: Toluene-d8		32.3		ug/L	30.0	108%	85 - 130	6032165	NPC0895-03RE 1	03/11/06 00:40
Surrogate: 4-Bromofluorobenzene		31.6		ug/L	30.0	105%	80 - 124	6032165	NPC0895-03RE 1	03/11/06 00:40
Purgeable Petroleum Hydrocarbons										
6031872-MS1										
GRO as Gasoline	2930	3860		ug/L	1000	93%	41 - 146	6031872	NPC0551-01	03/10/06 16:03
Surrogate: a,a,a-Trifluorotoluene		32.4		ug/L	30.0	108%	63 - 134	6031872	NPC0551-01	03/10/06 16:03

Client GES Westford (10118) EM D. Baker
364 Littleton Road, Suite 4
Westford, MA 01886
Attn Paul McKinlay

Work Order: NPC0897
Project Name: Exxon(06) 01-323 PO:4506947900
Project Number: Exxon 01-323
Received: 03/07/06 08:30

PROJECT QUALITY CONTROL DATA

Matrix Spike Dup

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
Total Metals by EPA Method 200.7												
6031451-MSD1												
Copper	0.00530	0.257		mg/L	0.250	103%	70 - 130	0.8	20	6031451	NPC0776-01	03/08/06 17:04
Iron	0.246	1.25		mg/L	1.00	100%	70 - 130	2	20	6031451	NPC0776-01	03/08/06 17:04
Lead	0.00300	0.0496		mg/L	0.0500	99%	70 - 130	1	20	6031451	NPC0776-01	03/08/06 17:04
Zinc	0.0200	0.521		mg/L	0.500	104%	70 - 130	2	20	6031451	NPC0776-01	03/08/06 17:04

Purgeable Petroleum Hydrocarbons

6031872-MSD1

GRO as Gasoline	2930	3700		ug/L	1000	77%	41 - 146	4	30	6031872	NPC0551-01	03/10/06 16:36
Surrogate: <i>a,a,a</i> -Trifluorotoluene		32.9		ug/L	30.0	110%	63 - 134			6031872	NPC0551-01	03/10/06 16:36

Client GES Westford (10118) EM D. Baker
364 Littleton Road, Suite 4
Westford, MA 01886
Attn Paul McKinlay

Work Order: NPC0897
Project Name: Exxon(06) 01-323 PO:4506947900
Project Number: Exxon 01-323
Received: 03/07/06 08:30

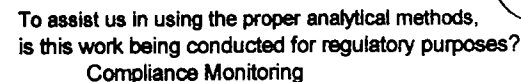
DATA QUALIFIERS AND DEFINITIONS

J Analyte detected at a level less than the Reporting Limit (RL) and greater than or equal to the Method Detection Limit (MDL). Concentrations within this range are estimated.

M1 The MS and/or MSD were above the acceptance limits due to sample matrix interference. See Blank Spike (LCS).

Z10 Surrogate outside laboratory historical limits but within method guidelines. No effect on data.

METHOD MODIFICATION NOTES



Sampler Signature: 

Quote #: PO#: 4506947900 XOM

[illegible]

Nashville Division

COOLER RECEIPT FORM

BC#

Client Name : GES

Cooler Received/Opened On 3/7/06

1. Indicate the Airbill Tracking Number (last 4 digits for Fedex only) and Name of Courier below:

4898

Fed-Ex

UPS

Velocity

DHL

Route

Off-street

Misc.

2. Temperature of representative sample or temperature blank when opened: 1.7 Degrees Celsius
(indicate IR Gun ID#)

A00466

A00750

A01124

100190

101282

Raynger ST

3. Were custody seals on outside of cooler?..... YES...NO...NA

a. If yes, how many and where: 1

4. Were the seals intact, signed, and dated correctly?..... YES...NO...NA

5. Were custody papers inside cooler?..... YES...NO...NA

I certify that I opened the cooler and answered questions 1-5 (initial)..... SR

6. Were custody seals on containers, intact, signed, and dated correctly?..... NO...YES...NA

7. What kind of packing material used? Bubblewrap Peanuts Vermiculite Foam Insert

Plastic bag

Paper

Other

None

8. Cooling process: Ice Ice-pack Ice (direct contact) Dry ice Other None

9. Did all containers arrive in good condition (unbroken)?..... YES...NO...NA

10. Were all container labels complete (#, date, signed, pres., etc)?..... YES...NO...NA

11. Did all container labels and tags agree with custody papers?..... YES...NO...NA

12. a. Were VOA vials received?..... YES...NO...NA

b. Was there any observable head space present in any VOA vial?..... NO...YES...NA

I certify that I unloaded the cooler and answered questions 6-12 (initial)..... CS

13. a. Did the labels indicate that the correct preservatives were used?..... YES...NO...NA

b. Did the pH results agree with the indicated preservation on preserved bottles?..... YES...NO...NA

If preservation in-house was needed, record standard ID of preservative used here _____

14. Was residual chlorine present?..... NO...YES...NA

I certify that I checked for chlorine and pH as per SOP and answered questions 13-14 (initial).....

15. Were custody papers properly filled out (ink, signed, etc)?..... YES...NO...NA

16. Did you sign the custody papers in the appropriate place?..... YES...NO...NA

17. Were correct containers used for the analysis requested?..... YES...NO...NA

18. Was sufficient amount of sample sent in each container?..... YES...NO...NA

I certify that I entered this project into LIMS and answered questions 15-18 (initial).....

I certify that I attached a label with the unique LIMS number to each container (initial).....

19. If a Non-Conformance exists, see attached and the number is PIPE _____



Nashville Division
COOLER RECEIPT FORM

BC#

Client Name : GES

Cooler Received/Opened On 03/07/06

1. Indicate the Airbill Tracking Number (last 4 digits for Fedex only) and Name of Courier below:

4902

Fed-Ex

UPS

Velocity

DHL

Route

Off-street

Misc.

2. Temperature of representative sample or temperature blank when opened: 0, 4 Degrees Celsius
(indicate IR Gun ID#)

A00466

A00750

A01124

100190

101282

Raynger ST

3. Were custody seals on outside of cooler?..... YES...NO...NA

a. If yes, how many and where: 1 - FRONT

4. Were the seals intact, signed, and dated correctly?..... YES...NO...NA

5. Were custody papers inside cooler?..... YES...NO...NA

I certify that I opened the cooler and answered questions 1-5 (initial)..... WS

6. Were custody seals on containers?..... NO...YES...NA

7. What kind of packing material used? Bubblewrap Peanuts Vermiculite Foam Insert

Plastic bag

Paper

Other

None

8. Cooling process: Ice Ice-pack Ice (direct contact) Dry ice Other None

9. Did all containers arrive in good condition (unbroken)?..... YES...NO...NA

10. Were all container labels complete (#, date, signed, pres., etc)?..... YES...NO...NA

11. Did all container labels and tags agree with custody papers?..... YES...NO...NA

12. a. Were VOA vials received?..... YES...NO...NA

b. Was there any observable head space present in any VOA vial?..... NO...YES...NA

I certify that I unloaded the cooler and answered questions 6-12 (initial)..... WS

13. a. Did the labels indicate that the correct preservatives were used?..... YES...NO...NA

b. Did the pH results agree with the indicated preservation on preserved bottles?..... YES...NO...NA

If preservation in-house was needed, record standard ID of preservative used here

14. Was residual chlorine present?..... NO...YES...NA

I certify that I checked for chlorine and pH as per SOP and answered questions 13-14 (initial)..... WS

15. Were custody papers properly filled out (ink, signed, etc)?..... YES...NO...NA

16. Did you sign the custody papers in the appropriate place?..... YES...NO...NA

17. Were correct containers used for the analysis requested?..... YES...NO...NA

18. Was sufficient amount of sample sent in each container?..... YES...NO...NA

I certify that I entered this project into LIMS and answered questions 15-18 (initial)..... WS

I certify that I attached a label with the unique LIMS number to each container (initial)..... WS

19. If a Non-Conformance exists, see attached and the number is PIPE



Nashville Division
COOLER RECEIPT FORM

BC#



NPC0897

Client Name :

Cooler Received/Opened On 03/07/06

1. Indicate the Airbill Tracking Number (last 4 digits for Fedex only) and Name of Courier below:

4087

Fed-Ex

UPS

Velocity

DHL

Route

Off-street

Misc.

2. Temperature of representative sample or temperature blank when opened: -1.4 Degrees Celsius
(indicate IR Gun ID#)

A00466

A00750

A01124

100190

101282

Raynger ST

3. Were custody seals on outside of cooler?..... YES...NO...NA

a. If yes, how many and where: 1 - FRONT

4. Were the seals intact, signed, and dated correctly?..... YES...NO...NA

5. Were custody papers inside cooler?..... YES...NO...NA

I certify that I opened the cooler and answered questions 1-5 (initial)..... JS

6. Were custody seals on containers?..... NO...YES...NA

7. What kind of packing material used? Bubblewrap Peanuts Vermiculite Foam Insert

Plastic bag

Paper

Other

None

8. Cooling process: Ice Ice-pack Ice (direct contact) Dry ice Other None

9. Did all containers arrive in good condition (unbroken)?..... YES...NO...NA

10. Were all container labels complete (#, date, signed, pres., etc)?..... YES...NO...NA

11. Did all container labels and tags agree with custody papers?..... YES...NO...NA

12. a. Were VOA vials received?..... YES...NO...NA

b. Was there any observable head space present in any VOA vial?..... NO...YES...NA

I certify that I unloaded the cooler and answered questions 6-12 (initial)..... JS

13. a. Did the labels indicate that the correct preservatives were used?..... YES...NO...NA

b. Did the pH results agree with the indicated preservation on preserved bottles?..... YES...NO...NA

If preservation in-house was needed, record standard ID of preservative used here

14. Was residual chlorine present?..... NO...YES... NA

I certify that I checked for chlorine and pH as per SOP and answered questions 13-14 (initial)..... JS

15. Were custody papers properly filled out (ink, signed, etc)?..... YES...NO...NA

16. Did you sign the custody papers in the appropriate place?..... YES...NO...NA

17. Were correct containers used for the analysis requested?..... YES...NO...NA

18. Was sufficient amount of sample sent in each container?..... YES...NO...NA

I certify that I entered this project into LIMS and answered questions 15-18 (initial)..... JS

I certify that I attached a label with the unique LIMS number to each container (initial)..... JS

19. If a Non-Conformance exists, see attached and the number is PIPE