

ANNUAL REPORT

DALLAS LOVE FIELD AIRPORT

March 14, 2011

I. INTRODUCTION

On August 14, 2006, the Texas Commission on Environmental Quality (TCEQ) signed and published the final version of the Texas Pollutant Discharge Elimination System (TPDES) Storm Water Multi-Sector General Permit TXR050000. This permit oversees storm water discharges from 30 types of industrial activities, including those involving air transportation. Air transportation facilities that are classified as SIC Code 45 and which have vehicle maintenance shops, equipment cleaning operations, and airport or aircraft deicing/anti-icing operations are regulated under this permitting program. Areas located within a regulated air transportation facility that are directly involved in vehicle maintenance (e.g., vehicle rehabilitation, mechanical repairs, painting, fueling, lubrication, etc.), equipment cleaning activities, and airport or aircraft deicing operations are specified as industrial activities and require permit coverage. The specific requirements for these activities are found under Sector S of the TPDES Multi Sector General Permit.

The Aviation Department and tenants filed NOIs for the TPDES MS General Permit within 90 days of the implementation date. On July 1, 2003, the Aviation Department and its tenants transferred to the current Storm Water Pollution Prevention Plan (SWPPP), dated June 2003. This SWPPP replaced the “Dallas Love Field Airport Storm Water Pollution Plan, City of Dallas, Texas” dated September 1996 for the Aviation Department and their tenants. The 2003 SWPPP meets the TPDES MS General Permit. This version of the SWPPP is also available for review online. (Some tenants may also have individual SWPPPs that are more specific to their industrial activity and are more stringent than this document.)

This permit requires that qualified personnel conduct a “Comprehensive Site Compliance Evaluation” at least once a year.

Objectives of this comprehensive evaluation are as follows:

1. Confirm the accuracy of the description of potential pollutant sources contained in the SWPPP.
2. Determine the effectiveness of the SWPPP.
3. Modify the SWPPP as necessary.
4. Assess compliance with the terms and conditions of the facility’s storm water permit.

The Dallas Love Field (DAL) site compliance evaluations were conducted by Dallas Department of Aviation (DOA) Environmental Specialists and Pollution Prevention Team (PPT) members. Dallas Storm Water also accompanied the pollution prevention team on these inspections.

This annual report is required by the permit. It defines the scope and summarizes the Comprehensive Site Compliance Evaluation performed for the 2009 permit year. It is to be retained as part of the SWPPP for at least three years from date of evaluation.

The current SWPPP for DAL was made effective June, 2003. It identified airport operators that have elected to become co-permittees with the DOA to obtain General Permit coverage for storm water discharges associated with industrial activities from their area of operation. It also included an inventory of exposed materials, descriptions of potential pollution sources as well as pollution prevention measures and controls. All airport operators that became co-permittees by the SWPPP effective date and whose employees or subtenants perform industrial activities were included in this Comprehensive Site Compliance Evaluation. Results of this Evaluation are presented as Attachment 1. For the purpose of implementing the SWPPP, the permit year is from January 1 to December 31, and the deicing season from October 1 to March 1, or from the first deicing event if prior to October

TCEQ Airport Inspection

The TCEQ did not inspect Love Field during this permit term.

Dallas Storm Water Industrial Inspection

Dallas Storm Water conducted an industrial storm water inspection at Dallas Love Field, that encompassed the Aviation Department and all permitted tenants.

II. SCOPE OF THE COMPREHENSIVE SITE COMPLIANCE EVALUATION

The Comprehensive Site Compliance Evaluation was conducted in each operator's lease or contracted work area(s) as well as applicable DOA work areas and associated storm water structural control facilities. The evaluation process consisted of several parts, including:

1. Verification of owner/operator information
2. Confirmation of the accuracy of potential pollutant sources as reported in the SWPPP
3. Review of operator's recordkeeping practices, and
4. Assessment of compliance with terms and conditions of the permit as reflected by operator compliance with the measures and controls contained in the SWPPP.

Initially, operator/leaseholder information was obtained and recorded. This included the name and telephone number of the operator or operator's representative present during the evaluation, leaseholder or subtenant status, and, if a subtenant, the name of the leaseholder's representative present during the evaluation.

The second component of the evaluation confirmed information regarding potential pollutant sources as currently recorded in the SWPPP. The airport operator's industrial activity summary contained in Appendix I of the SWPPP was reviewed and the operator/leasehold site map was revised, if necessary, to reflect any changes in the occurrence of industrial activities.

The third component related to the operator's recordkeeping practices. Important records, such as the operator's TCEQ permit number, certifications, deicing records (if applicable), completed self-inspection forms, training records, etc, were to be kept in the SWPPP or referenced elsewhere. A discussion was held with the operator/leaseholder emphasizing the importance of retaining these records in an accessible manner.

The fourth component of the evaluation assessed compliance with permit conditions and is related to the inspection process described in Section VI of the DAL SWPPP. As described in the SWPPP, a two-part inspection process has been implemented in response to the general permit requirements. The first part is an annual self-inspection conducted by the operator. Inspection checklists that pertain to specific industrial activities are to be completed by the operator during the self-inspection process. The Comprehensive Site Compliance Evaluation is the second part of the process, and it follows the completion of the operator's self-inspection.

The inspection checklists are as follows:

- Aircraft, Ground Vehicle, and Equipment Maintenance Areas
- Aircraft, Ground Vehicle, and Equipment Cleaning Areas
- Chemical/Material Storage Areas
- Fueling Activities
- Training Program
- Deicing Activities
- Tenant/Operator Storm Water and Pollution Controls
- DOA Storm Water Structures, Pollution Controls and Sediment Controls
- Wet Weather Visual Inspections
- Dry Weather Evaluations

During the fourth component of the Site Compliance Evaluation, the evaluation team reviewed copies of completed checklists, and a walk-through inspection of the operator's industrial area(s) was performed where adherence to the Best Management Practices (BMPs) was noted. If necessary, a follow-up inspection was scheduled to review actions taken by the operator to resolve SWPPP compliance issues. The evaluation inspections were also conducted for industrial activities performed in DOA work areas and for airport storm water structural controls.

III. RESULTS OF THE COMPREHENSIVE SITE COMPLIANCE EVALUATION

The evaluation process was conducted from October 26, 2010 to December 29, 2010. It included all operators that were permitted in January 2010, and whose employees or subtenants were performing industrial activities at DAL. Attachment 1 of this report contains a summary of the compliance efforts of airport operators to implement measures and controls contained in the SWPPP. The information presented in this report is based on information obtained from the DAL Comprehensive Site Compliance Evaluation process. The compliance report in Attachment 1 lists the operator under evaluation, the date(s) of the evaluation, PPT personnel conducting the evaluation, major observations relating to implementation of the SWPPP, and identification of any incidents of noncompliance. It is to be kept for a minimum of three years from the date of evaluation. The major observations that were noted during the evaluation process are described below.

Aircraft, Vehicle, and Equipment Maintenance Areas

There was one incident of non-compliance noted for this item during the site inspections at Dallas Love Field. The Aviation Department (AVI) Field Maintenance had general bad housekeeping practices. They did not follow proper disposal procedures for spent rags and wipes, spills were not cleaned up promptly, welding metals were not swept off the ground, drink containers were left out in work area, and trash and debris were scattered around the grounds. These problems were addressed and are continually maintained.

With all tenants maintenance activities were located under cover, drip pans were used when needed, spill kits were placed in appropriate locations, daily visual inspections were performed, and temporary berms around drains were used properly.

Chemical/Material Storage Areas

There were four cases of non-compliance noted for this item during the facility inspections at Dallas Love Field. Jet Center of Dallas, Ambassador Aviation, AVI Field Maintenance and Enterprise Holdings had chemicals stored outdoors or without the proper BMP controls in place. In all instances the facilities have moved the chemicals under cover, onto secondary containment, applied lids/labels, or disposed of inappropriately stored chemicals where applicable. In general most tenants had a problem keeping caps plugged at all times on dumpsters and dumpsters closed when not in use.

Spill Control Equipment

There were minor incidences of non-compliance for spill control equipment during the site inspections at Dallas Love Field. All members of the SWPPP have spill control equipment that is easily accessible and spill reporting plans are sufficient. However not all kits were clearly labeled. Used spill containment/clean-up materials were not consistently disposed of in accordance with the SWPPP. AVI Field Maintenance was noted for non-compliance for this item because their used absorbent barrel did not have a lid, was improperly labeled and had used absorbent spilled around the barrel. Other common mistakes seen from tenants include a failure to clean up all paint and oil spills immediately using the proper method shown in training. It was commonly seen that once absorbent was put down on a spill it was not promptly swept up, instead it was left for days at a time.

Aircraft, Vehicle and Equipment Wash Area

There was one case of non-compliance recorded during the site evaluation of Dallas Love Field. The grit trap at Enterprise Holdings was clogged and subsequently water from the wash bay was running into the adjacent property. The grit trap was cleaned and repaired and the issue was resolved.

Fueling Activity

There were no cases of non-compliance recorded during the site evaluation of Dallas Love Field. All fueling BMPs were followed.

Training Program

The following tenants were unable to complete their training in 2010: Ambassador, Enterprise, and Jet Aviation. All other tenants have the necessary training documentation recording the date of training and who attended the training.

Aircraft Deicing Activity

Operators who conduct aircraft and/or runway deicing/anti-icing activities are required to periodically re-evaluate present operating procedures. In this way, alternative practices can be considered for reduction of the overall amount of deicing/anti-icing chemicals used and/or lessening of the environmental impact of the pollutant source.

Often, deicing of aircraft is performed outside of the operator's leasehold. A deicing committee was created to facilitate the development of dry-weather deicing procedures and deicing agent disposal procedures, etc., to be performed at DAL. These procedures are discussed in greater detail in Section V.

The environmental office of the Aviation Department retains the records that have been submitted.

Recordkeeping and Documentation

There were several deficiencies noted in recordkeeping and documentation. The following tenants were missing at least one quarterly checklist: Holly Corp., Landmark Aviation, Ambassador Aviation, Hertz, and Raytheon. Retraining will be done on the checklists and emphasis on their importance will be discussed at the annual meeting.

Inspection of DOA Storm Water Structural Controls at DAL

There are several features constructed as part of the airport drainage system that enhance the quality of storm water. The Comprehensive Site Compliance Evaluation included inspection of these structural controls. The existing control measures at Love Field consist of Outfall Closure Devices, Stormceptors, and grass-lined ditches and swales that serve to decrease the velocity of storm water runoff.

The storm water structural controls were inspected at Dallas Love Field and not all are being maintained to function properly in the event of a spill emergency. Outfall Closure Devices throughout the airport have not been maintained by Field Maintenance. Specifically, the Outfall Closures have not been lubricated, leading to a likely malfunction in the event of an emergency. In addition, erosion and sediment build up is starting to occur on Outfall #10. These problems have been considered and a maintenance contractor is being selected to maintain these outfall closure devices and the Stormceptors.

Other control measures currently meet SWPPP standards. Grass-lined ditches and swales are acceptable.

SIGNIFICANT REVISIONS TO THE SWPPP

As a result of the Comprehensive Site Compliance Evaluation performed for the 2010 permit year, revisions were made to the SWPPP to strengthen its pollution prevention objectives and to make it more user friendly to the airport operators. Below are descriptions of the most significant revisions that were made to the DAL SWPPP.

Best Management Practices

Mulch socks have been added as a BMP.

Deicing/Anti-icing

Tenants are now required to maintain a log of the approximate total volume and type of anti-icing chemicals used during an event. These will be maintained exactly the same way as the deicing log.

Regulatory Requirements for Visual Monitoring

A more thorough definition of a qualifying wet weather event was added to the SWPPP. To be considered a wet weather event, rain must fall at least .1” within a **one hour period** with no previous storm event having occurred in the previous 72 hours.

V. MAJOR OBSERVATIONS RELATING TO SWPPP IMPLEMENTATION

Overall, implementation of the SWPPP at DAL by industrial operators appears to be successful. The same can be said for the operator self-inspection process and Comprehensive Site Compliance Evaluation, except as noted.

The overall number of discrepancies decreased from previous years. There was no indication that any soil or water contamination occurred as a result of the discrepancies, and the annual sampling report reflected this.

All tenants found to be in compliance during their comprehensive site compliance evaluation have or will submit a certification of compliance for their facility to the Department of Aviation. All tenants found to be in non-compliance during their comprehensive site compliance evaluation have 30 days to correct any issues and submit a certification of compliance to the Department of Aviation.

CERTIFICATION

Permit/Registration No. TXR 05V383

I, Steven Peacock, Ph.D. Environmental Manager
Typed or printed name *Title*

certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

I further certify that I am authorized under 30 Texas Administrative Code §305.44 to sign this document and can provide documentation in proof of such authorization upon request.

Signature: Steven S. Peacock Date: 3/17/2011

2010 Wet Weather Monitoring

Wet weather monitoring was conducted on January 28, 2010 at Inflow 1 and Outfalls 2, 4, 5, 10, 13, 16, and 18. Sampling was conducted within the first hour of rainfall commencement but given the drainage system a first flush sample was still able to be collected. Visual monitoring was also conducted at this time. The results of the laboratory analysis for metals indicate no evidence of pollutants in these samples. The levels identified in the Barium and Manganese sampling result primarily from background levels in the attendant soils. The levels from Zinc are usually associated with galvanized fences and guardrails. Some zinc is also present in the soils of surrounding areas. For more information on wet weather monitoring see the table below or the attached laboratory analysis from Xenco Laboratories.

Dallas Love Field Annual Storm Water Results – 2010

Pollutant	Recordable Level	Daily Maximum Concentration (mg/L)	IN-1	OF-2	OF-4	OF-5	Pollutant Exceeded
Arsenic	0.010	0.3	BRL	BRL	BRL	BRL	NO
Barium	0.010	4.0	0.015	0.013	0.014	BRL	NO
Cadmium	0.005	0.2	BRL	BRL	BRL	BRL	NO
Chromium	0.005	5.0	BRL	BRL	BRL	BRL	NO
Copper	0.010	2.0	BRL	BRL	BRL	BRL	NO
Lead	0.012	1.5	BRL	BRL	BRL	BRL	NO
Manganese	0.010	3.0	0.021	0.019	0.025	BRL	NO
Mercury	0.0001	0.01	BRL	BRL	BRL	BRL	NO
Nickel	0.010	3.0	BRL	BRL	BRL	BRL	NO
Selenium	0.010	0.2	BRL	BRL	BRL	BRL	NO
Silver	0.004	0.2	BRL	BRL	BRL	BRL	NO
Zinc	0.010	6.0	0.049	0.192	0.102	BRL	NO

BRL = Below Recordable Level

Pollutant	Recordable Level	Daily Maximum Concentration (mg/L)	OF-10	OF-13	OF-16	OF-18	Pollutant Exceeded
Arsenic	0.010	0.3	BRL	BRL	BRL	BRL	NO
Barium	0.010	4.0	0.018	0.033	0.020	0.032	NO
Cadmium	0.005	0.2	BRL	BRL	BRL	BRL	NO
Chromium	0.005	5.0	BRL	0.008	BRL	0.006	NO
Copper	0.010	2.0	BRL	0.014	0.022	0.014	NO
Lead	0.012	1.5	BRL	0.020	BRL	BRL	NO
Manganese	0.010	3.0	0.041	0.069	0.035	0.085	NO
Mercury	0.0001	0.01	BRL	BRL	BRL	BRL	NO
Nickel	0.010	3.0	BRL	0.013	BRL	BRL	NO
Selenium	0.010	0.2	BRL	BRL	BRL	BRL	NO
Silver	0.004	0.2	BRL	BRL	BRL	BRL	NO
Zinc	0.010	6.0	0.067	0.128	0.126	0.129	NO

HAZARDOUS METALS - INLAND WATERS

STW / TXR05 V383 / CO

PERMITTEE NAME/LESS (Include Facility Name/Location if Different)

NAME **City of Dallas**

ADDRESS **8008 Cedar Springs Rd. LB 16
Dallas, TX 75235**

FACILITY LOCATION **Dallas Love Field**

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)

(2-16) **TXR05V383**
PERMIT NUMBER
(17-19) **N/A**
DISCHARGE NUMBER

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Only If required, mail to: TCEQ (MC 213)
P.O. Box 13087
Austin, TX 78711-3087

MONITORING PERIOD					
YEAR	MO	DAY	YEAR	MO	DAY
2010	01	01	2010	12	31
(20-21)	(22-23)	(24-25)	(26-27)	(28-29)	(30-31)

PARAMETER (32-37)	SAMPLE MEASUREMENT / REQUIREMENT	(3 Card Only) QUANTITY OR LOADING (46-53)			(4 Card Only) QUALITY OR CONCENTRATION (38-45)				NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE (46-53)	MAXIMUM (54-61)	UNITS	MINIMUM (38-45)	AVERAGE (46-53)	MAXIMUM (54-61)	UNITS			
Arsenic	SAMPLE MEASUREMENT	*****	*****	*****	*****	*****	BRL		0	1/Year	Grab
	SAMPLE REQUIREMENT	*****	*****	*****	*****	*****	0.3 Daily Max			1/Year	Grab
Barium	SAMPLE MEASUREMENT	*****	*****	*****	*****	*****	0.033		0	1/Year	Grab
	SAMPLE REQUIREMENT	*****	*****	*****	*****	*****	4.0 Daily Max	mg/l		1/Year	Grab
Cadmium	SAMPLE MEASUREMENT	*****	*****	*****	*****	*****	BRL		0	1/Year	Grab
	SAMPLE REQUIREMENT	*****	*****	*****	*****	*****	0.2 Daily Max	mg/l		1/Year	Grab
Chromium	SAMPLE MEASUREMENT	*****	*****	*****	*****	*****	0.008		0	1/Year	Grab
	SAMPLE REQUIREMENT	*****	*****	*****	*****	*****	5.0 Daily Max	mg/l		1/Year	Grab
Copper	SAMPLE MEASUREMENT	*****	*****	*****	*****	*****	0.022		0	1/Year	Grab
	SAMPLE REQUIREMENT	*****	*****	*****	*****	*****	2.0 Daily Max	mg/l		1/Year	Grab

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHER AND EVALUATE THE INFORMATION SUBMITTED, BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION. THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS.	TELEPHONE		DATE		
Steven S. Peacock, PhD. Environmental Manager		<i>Steven S. Peacock</i>	214-670-6654	2010	02	08
TYPED OR PRINTED	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	AREA CODE	NUMBER	YEAR	MO	DAY

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

BRL = Below Recordable Limits

HAZARDOUS METALS - INLAND WATERS

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PERMITTEE NAME/LESS (Include Facility Name/Location if Different)

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)

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(2-16)
TXR05V383
PERMIT NUMBER

(17-19)
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DISCHARGE NUMBER

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Dallas, TX 75235**

Only If required, mail to: TCEQ (MC 213)
P.O. Box 13087
Austin, TX 78711-3087

FACILITY LOCATION **Dallas Love Field**

MONITORING PERIOD					
YEAR	MO	DAY	YEAR	MO	DAY
2010	01	01	2010	12	31
(20-21)	(22-23)	(24-25)	(26-27)	(28-29)	(30-31)

PARAMETER (32-37)	SAMPLE MEASUREMENT / REQUIREMENT	(3 Card Only) QUANTITY OR LOADING (46-53)			(4 Card Only) QUALITY OR CONCENTRATION (38-45)				NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
Lead	SAMPLE MEASUREMENT	*****	*****	*****	*****	*****	0.020	mg/l	0	1/Year	Grab
	SAMPLE REQUIREMENT	*****	*****	*****	*****	*****	1.5 Daily Max		1/Year	Grab	
Manganese	SAMPLE MEASUREMENT	*****	*****	*****	*****	*****	0.085	mg/l	0	1/Year	Grab
	SAMPLE REQUIREMENT	*****	*****	*****	*****	*****	3.0 Daily Max		1/Year	Grab	
Mercury	SAMPLE MEASUREMENT	*****	*****	*****	*****	*****	BRL	mg/l	0	1/Year	Grab
	SAMPLE REQUIREMENT	*****	*****	*****	*****	*****	0.01 Daily Max		1/Year	Grab	
Nickel	SAMPLE MEASUREMENT	*****	*****	*****	*****	*****	0.013	mg/l	0	1/Year	Grab
	SAMPLE REQUIREMENT	*****	*****	*****	*****	*****	3.0 Daily Max		1/Year	Grab	
Selenium	SAMPLE MEASUREMENT	*****	*****	*****	*****	*****	BRL	mg/l	0	1/Year	Grab
	SAMPLE REQUIREMENT	*****	*****	*****	*****	*****	0.2 Daily Max		1/Year	Grab	

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Steven S. Peacock, PhD. Environmental Manager		<i>Steven S. Peacock</i> SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	214-670-6654	2010	02	08
TYPED OR PRINTED		AREA CODE	NUMBER	YEAR	MO	DAY

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HAZARDOUS METALS - INLAND WATERS

STW / TXR05 V383 /

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NATIONAL POLLUTANT DISCHARGE MINIMIZATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)

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ADDRESS 8008 Cedar Springs Rd. LB 16
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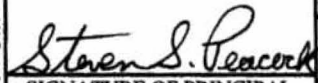
(2-16) TXR05V383 (17-19) N/A
PERMIT NUMBER DISCHARGE NUMBER

Only If required, mail to: TCEQ (MC 213)
P.O. Box 13087
Austin, TX 78711-3087

FACILITY LOCATION Dallas Love Field

MONITORING PERIOD					
YEAR	MO	DAY	YEAR	MO	DAY
2010	01	01	2010	12	31
(20-21)	(22-23)	(24-25)	(26-27)	(28-29)	(30-31)

PARAMETER (32-37)	SAMPLE MEASUREMENT REQUIREMENT	(3 Card Only) QUANTITY OR LOADING (46-53)			(4 Card Only) QUALITY OR CONCENTRATION (38-45)				NO. EX (82-83)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE (54-55)	MAXIMUM (56-57)	UNITS (58-59)	MINIMUM (46-47)	AVERAGE (48-49)	MAXIMUM (50-51)	UNITS (52-53)			
Silver	SAMPLE MEASUREMENT	*****	*****	*****	*****	*****	BRL		0	1/Year	Grab
	SAMPLE REQUIREMENT	*****	*****	*****	*****	*****	0.2 Daily Max	mg/l		1/Year	Grab
Zinc	SAMPLE MEASUREMENT	*****	*****	*****	*****	*****	0.192		0	1/Year	Grab
	SAMPLE REQUIREMENT	*****	*****	*****	*****	*****	6.0 Daily Max	mg/l		1/Year	Grab

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	<small>I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHER AND EVALUATE THE INFORMATION SUBMITTED BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION. THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS.</small>	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE	DATE
TYPED OR PRINTED		 Steven S. Peacock Environmental Manager	214-670-6654	2010 02 08

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

BRL = Below Recordable Limits

Analytical Report 360336

for

City of Dallas-Aviation

Project Manager: Sam Peacock

Love Field

DAL

08-FEB-10



9701 Harry Hines Blvd, Dallas, TX 75220

Ph:(214) 902-0300 Fax:(214) 351-9139

Xenco-Houston (EPA Lab code: TX00122):

Texas (T104704215-08-TX), Arizona (AZ0738), Arkansas (08-039-0), Connecticut (PH-0102), Florida (E871002)
Illinois (002082), Indiana (C-TX-02), Iowa (392), Kansas (E-10380), Kentucky (45), Louisiana (03054)
New Hampshire (297408), New Jersey (TX007), New York (11763), Oklahoma (9218), Pennsylvania (68-03610)
Rhode Island (LAO00308), USDA (S-44102)

Xenco-Atlanta (EPA Lab Code: GA00046):

Florida (E87429), North Carolina (483), South Carolina (98015), Utah (AALI1), West Virginia (362), Kentucky (85)
Louisiana (04176), USDA (P330-07-00105)

Xenco-Miami (EPA Lab code: FL01152): Florida (E86678), Maryland (330)

Xenco-Tampa Mobile (EPA Lab code: FL01212): Florida (E84900)

Xenco-Odessa (EPA Lab code: TX00158): Texas (T104704400-08-TX)

Xenco-Dallas (EPA Lab code: TX01468): Texas (T104704295-08-TX)

Xenco-Corpus Christi (EPA Lab code: TX02613): Texas (T104704370-08-TX)

Xenco-Boca Raton (EPA Lab Code: FL00449): Florida(E86240),

South Carolina(96031001), Louisiana(04154), Georgia(917)



08-FEB-10

Project Manager: **Sam Peacock**
City of Dallas-Aviation
8008 Ceder Springs Rd. LB16
Dallas, TX 75235

Reference: XENCO Report No: **360336**
Love Field
Project Address: --

Sam Peacock:

We are reporting to you the results of the analyses performed on the samples received under the project name referenced above and identified with the XENCO Report Number 360336. All results being reported under this Report Number apply to the samples analyzed and properly identified with a Laboratory ID number. Subcontracted analyses are identified in this report with either the NELAC certification number of the subcontract lab in the analyst ID field, or the complete subcontracted report attached to this report.

Unless otherwise noted in a Case Narrative, all data reported in this Analytical Report are in compliance with NELAC standards. Estimation of data uncertainty for this report is found in the quality control section of this report unless otherwise noted. Should insufficient sample be provided to the laboratory to meet the method and NELAC Matrix Duplicate and Matrix Spike requirements, then the data will be analyzed, evaluated and reported using all other available quality control measures.

The validity and integrity of this report will remain intact as long as it is accompanied by this letter and reproduced in full, unless written approval is granted by XENCO Laboratories. This report will be filed for at least 5 years in our archives after which time it will be destroyed without further notice, unless otherwise arranged with you. The samples received, and described as recorded in Report No. 360336 will be filed for 60 days, and after that time they will be properly disposed without further notice, unless otherwise arranged with you. We reserve the right to return to you any unused samples, extracts or solutions related to them if we consider so necessary (e.g., samples identified as hazardous waste, sample sizes exceeding analytical standard practices, controlled substances under regulated protocols, etc).

We thank you for selecting XENCO Laboratories to serve your analytical needs. If you have any questions concerning this report, please feel free to contact us at any time.

Respectfully,

Carlos Castro

Managing Director, Texas

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Houston - Dallas - San Antonio - Austin - Tampa - Miami - Atlanta - Corpus Christi - Latin America

CASE NARRATIVE



Client Name: City of Dallas-Aviation

Project Name: Love Field

Project ID: DAL
Work Order Number: 360336

Report Date: 08-FEB-10
Date Received: 01/29/2010

Sample receipt non conformances and Comments:

None

Sample receipt Non Conformances and Comments per Sample:

None

Analytical Non Conformances and Comments:

Batch: LBA-791903 Metals per ICP by EPA 200.7

None

Batch: LBA-792091 Mercury by EPA 245.1

None



Certificate of Analysis Summary 360336

City of Dallas-Aviation, Dallas, TX

Project Name: Love Field

Project Id: DAL

Contact: Sam Peacock

Project Location: --

Date Received in Lab: Fri Jan-29-10 09:30 am


Report Date: 08-FEB-10

Project Manager: Monica Tobar

Analysis Requested	Lab Id:	360336-001	360336-002	360336-003	360336-004	360336-005	360336-006
	Field Id:	IN-1	OF-2	OF-4	OF-5	OF-13	OF-10
	Depth:						
	Matrix:	WATER	WATER	WATER	WATER	WATER	WATER
	Sampled:	Jan-28-10 13:53	Jan-28-10 14:00	Jan-28-10 14:06	Jan-28-10 14:08	Jan-28-10 14:20	Jan-28-10 14:30
Mercury by EPA 245.1	Extracted:	Feb-03-10 07:15	Feb-03-10 07:15	Feb-03-10 07:15	Feb-03-10 07:15	Feb-03-10 07:15	Feb-03-10 07:15
	Analyzed:	Feb-03-10 09:55	Feb-03-10 10:00	Feb-03-10 10:01	Feb-03-10 10:04	Feb-03-10 10:05	Feb-03-10 10:11
	Units/RL:	ug/L RL	ug/L RL	ug/L RL	ug/L RL	ug/L RL	ug/L RL
Mercury, Total		BRL 0.1000	BRL 0.1000	BRL 0.1000	BRL 0.1000	BRL 0.1000	BRL 0.1000
Metals per ICP by EPA 200.7	Extracted:	Feb-01-10 07:15	Feb-01-10 07:15	Feb-01-10 07:15	Feb-01-10 07:15	Feb-01-10 07:15	Feb-01-10 07:15
	Analyzed:	Feb-02-10 12:23	Feb-02-10 12:24	Feb-02-10 12:25	Feb-02-10 12:26	Feb-02-10 12:27	Feb-02-10 12:28
	Units/RL:	mg/L RL	mg/L RL	mg/L RL	mg/L RL	mg/L RL	mg/L RL
Arsenic		BRL 0.010	BRL 0.010	BRL 0.010	BRL 0.010	BRL 0.010	BRL 0.010
Barium		0.015 0.010	0.013 0.010	0.014 0.010	BRL 0.010	0.033 0.010	0.018 0.010
Cadmium		BRL 0.005	BRL 0.005	BRL 0.005	BRL 0.005	BRL 0.005	BRL 0.005
Chromium		BRL 0.005	BRL 0.005	BRL 0.005	BRL 0.005	0.008 0.005	BRL 0.005
Copper		BRL 0.010	BRL 0.010	BRL 0.010	BRL 0.010	0.014 0.010	BRL 0.010
Lead		BRL 0.012	BRL 0.012	BRL 0.012	BRL 0.012	0.020 0.012	BRL 0.012
Manganese		0.021 0.010	0.019 0.010	0.025 0.010	BRL 0.010	0.069 0.010	0.041 0.010
Nickel		BRL 0.010	BRL 0.010	BRL 0.010	BRL 0.010	BRL 0.010	BRL 0.010
Selenium		BRL 0.010	BRL 0.010	BRL 0.010	BRL 0.010	BRL 0.010	BRL 0.010
Silver		BRL 0.004	BRL 0.004	BRL 0.004	BRL 0.004	BRL 0.004	BRL 0.004
Zinc		0.049 0.010	0.192 0.010	0.102 0.010	BRL 0.010	0.128 0.010	0.067 0.010

This analytical report, and the entire data package it represents, has been made for your exclusive and confidential use. The interpretations and results expressed throughout this analytical report represent the best judgment of XENCO Laboratories. XENCO Laboratories assumes no responsibility and makes no warranty to the end use of the data hereby presented. Our liability is limited to the amount invoiced for this work order unless otherwise agreed to in writing.

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 Carlos Castro
 Managing Director, Texas



Certificate of Analysis Summary 360336

City of Dallas-Aviation, Dallas, TX

Project Name: Love Field

Project Id: DAL

Contact: Sam Peacock

Project Location: --

Date Received in Lab: Fri Jan-29-10 09:30 am


Report Date: 08-FEB-10

Project Manager: Monica Tobar

<i>Analysis Requested</i>	<i>Lab Id:</i>	360336-007	360336-008			
	<i>Field Id:</i>	OF-16	OF-18			
	<i>Depth:</i>					
	<i>Matrix:</i>	WATER	WATER			
	<i>Sampled:</i>	Jan-28-10 14:35	Jan-28-10 14:45			
Mercury by EPA 245.1	<i>Extracted:</i>	Feb-03-10 07:15	Feb-03-10 07:15			
	<i>Analyzed:</i>	Feb-03-10 10:13	Feb-03-10 10:14			
	<i>Units/RL:</i>	ug/L RL	ug/L RL			
Mercury, Total		BRL 0.1000	BRL 0.1000			
Metals per ICP by EPA 200.7	<i>Extracted:</i>	Feb-01-10 07:15	Feb-01-10 07:15			
	<i>Analyzed:</i>	Feb-02-10 12:31	Feb-02-10 12:32			
	<i>Units/RL:</i>	mg/L RL	mg/L RL			
Arsenic		BRL 0.010	BRL 0.010			
Barium		0.020 0.010	0.032 0.010			
Cadmium		BRL 0.005	BRL 0.005			
Chromium		BRL 0.005	0.006 0.005			
Copper		0.022 0.010	0.014 0.010			
Lead		BRL 0.012	BRL 0.012			
Manganese		0.035 0.010	0.085 0.010			
Nickel		BRL 0.010	BRL 0.010			
Selenium		BRL 0.010	BRL 0.010			
Silver		BRL 0.004	BRL 0.004			
Zinc		0.126 0.010	0.129 0.010			

This analytical report, and the entire data package it represents, has been made for your exclusive and confidential use. The interpretations and results expressed throughout this analytical report represent the best judgment of XENCO Laboratories. XENCO Laboratories assumes no responsibility and makes no warranty to the end use of the data hereby presented. Our liability is limited to the amount invoiced for this work order unless otherwise agreed to in writing.

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 Carlos Castro
 Managing Director, Texas



Flagging Criteria



- X In our quality control review of the data a QC deficiency was observed and flagged as noted. MS/MSD recoveries were found to be outside of the laboratory control limits due to possible matrix /chemical interference, or a concentration of target analyte high enough to effect the recovery of the spike concentration. This condition could also effect the relative percent difference in the MS/MSD.
- B A target analyte or common laboratory contaminant was identified in the method blank. Its presence indicates possible field or laboratory contamination.
- D The sample(s) were diluted due to targets detected over the highest point of the calibration curve, or due to matrix interference. Dilution factors are included in the final results. The result is from a diluted sample.
- E The data exceeds the upper calibration limit; therefore, the concentration is reported as estimated.
- F RPD exceeded lab control limits.
- J The target analyte was positively identified below the MQL and above the SQL.
- U Analyte was not detected.
- L The LCS data for this analytical batch was reported below the laboratory control limits for this analyte. The department supervisor and QA Director reviewed data. The samples were either reanalyzed or flagged as estimated concentrations.
- H The LCS data for this analytical batch was reported above the laboratory control limits. Supporting QC Data were reviewed by the Department Supervisor and QA Director. Data were determined to be valid for reporting.
- K Sample analyzed outside of recommended hold time.
- JN A combination of the "N" and the "J" qualifier. The analysis indicates that the analyte is "tentatively identified" and the associated numerical value may not be consistent with the amount actually present in the environmental sample.
- BRL Below Reporting Limit.
- RL Reporting Limit
- * Outside XENCO's scope of NELAC Accreditation.

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4143 Greenbriar Dr, Stafford, Tx 77477	(281) 240-4200	(281) 240-4280
9701 Harry Hines Blvd , Dallas, TX 75220	(214) 902 0300	(214) 351-9139
5332 Blackberry Drive, San Antonio TX 78238	(210) 509-3334	(210) 509-3335
2505 North Falkenburg Rd, Tampa, FL 33619	(813) 620-2000	(813) 620-2033
5757 NW 158th St, Miami Lakes, FL 33014	(305) 823-8500	(305) 823-8555
12600 West I-20 East, Odessa, TX 79765	(432) 563-1800	(432) 563-1713
842 Cantwell Lane, Corpus Christi, TX 78408	(361) 884-0371	(361) 884-9116



BS / BSD Recoveries



Project Name: Love Field

Work Order #: 360336

Analyst: DAT

Date Prepared: 02/03/2010

Project ID: DAL

Date Analyzed: 02/03/2010

Lab Batch ID: 792091

Sample: 549183-1-BKS

Batch #: 1

Matrix: Water

Units: ug/L

BLANK /BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY

Mercury by EPA 245.1	Blank Sample Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Spike Added [E]	Blank Spike Duplicate Result [F]	Blk. Spk Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
Mercury, Total	<0.1000	5.000	5.036	101	5	5.033	101	0	70-130	20	

Analyst: DAT

Date Prepared: 02/01/2010

Date Analyzed: 02/02/2010

Lab Batch ID: 791903

Sample: 548935-1-BKS

Batch #: 1

Matrix: Water

Units: mg/L

BLANK /BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY

Metals per ICP by EPA 200.7	Blank Sample Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Spike Added [E]	Blank Spike Duplicate Result [F]	Blk. Spk Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
Arsenic	<0.010	1.00	0.968	97	1	1.02	102	5	75-125	20	
Barium	<0.010	1.00	0.932	93	1	0.976	98	5	75-125	20	
Cadmium	<0.005	1.00	0.916	92	1	0.972	97	6	75-125	20	
Chromium	<0.005	1.00	1.01	101	1	1.04	104	3	75-125	20	
Copper	<0.010	1.00	1.01	101	1	0.941	94	7	75-125	20	
Lead	<0.012	1.00	0.892	89	1	0.954	95	7	75-125	20	
Manganese	<0.010	1.00	0.908	91	1	0.935	94	3	75-125	20	
Nickel	<0.010	1.00	0.938	94	1	0.980	98	4	75-125	20	
Selenium	<0.010	1.00	0.948	95	1	1.00	100	5	75-125	20	
Silver	<0.004	1.00	0.960	96	1	0.935	94	3	75-125	20	
Zinc	<0.010	1.00	0.979	98	1	0.994	99	2	75-125	20	

Relative Percent Difference RPD = $200 * |(C-F)/(C+F)|$

Blank Spike Recovery [D] = $100 * (C)/[B]$

Blank Spike Duplicate Recovery [G] = $100 * (F)/[E]$

All results are based on MDL and Validated for QC Purposes

Form 3 - MS MSD Recoveries

Project Name: Love Field

Work Order #: 360336

Project ID: DAL

Lab Batch ID: 792091

QC- Sample ID: 360336-001 S

Batch #: 1 Matrix: Water

Date Analyzed: 02/03/2010

Date Prepared: 02/03/2010

Analyst: DAT

Reporting Units: ug/L

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY

Mercury by EPA 245.1 Analytes	Parent Sample Result [A]	Spike Added [B]	Spiked Sample Result [C]	Spiked Sample %R [D]	Spike Added [E]	Duplicate Spiked Sample Result [F]	Spiked Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
Mercury, Total	<0.1000	5.000	4.630	93	5.000	4.776	96	3	70-130	20	

Lab Batch ID: 791903

QC- Sample ID: 359934-001 S

Batch #: 1 Matrix: Water

Date Analyzed: 02/02/2010

Date Prepared: 02/01/2010

Analyst: DAT

Reporting Units: mg/L

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY

Metals per ICP by EPA 200.7 Analytes	Parent Sample Result [A]	Spike Added [B]	Spiked Sample Result [C]	Spiked Sample %R [D]	Spike Added [E]	Duplicate Spiked Sample Result [F]	Spiked Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
Arsenic	<0.010	1.00	1.01	101	1.00	1.01	101	0	75-125	20	
Barium	0.017	1.00	1.03	101	1.00	1.06	104	3	75-125	20	
Cadmium	<0.005	1.00	0.971	97	1.00	0.995	100	2	75-125	20	
Chromium	<0.005	1.00	1.08	108	1.00	1.06	106	2	75-125	20	
Copper	<0.010	1.00	1.05	105	1.00	1.05	105	0	75-125	20	
Lead	<0.012	1.00	0.975	98	1.00	0.979	98	0	75-125	20	
Manganese	0.015	1.00	0.986	97	1.00	1.02	101	3	75-125	20	
Nickel	<0.010	1.00	0.985	99	1.00	1.02	102	3	75-125	20	
Selenium	<0.010	1.00	0.993	99	1.00	0.977	98	2	75-125	20	
Silver	<0.004	1.00	0.983	98	1.00	1.02	102	4	75-125	20	
Zinc	0.081	1.00	1.10	102	1.00	1.10	102	0	75-125	20	

Matrix Spike Percent Recovery [D] = 100*(C-A)/B
Relative Percent Difference RPD = 200*((C-F)/(C+F))

Matrix Spike Duplicate Percent Recovery [G] = 100*(F-A)/E

ND = Not Detected, J = Present Below Reporting Limit, B = Present in Blank, NR = Not Requested, I = Interference, NA = Not Applicable
N = See Narrative, EQL = Estimated Quantitation Limit



4141 Greenbriar Drive, Stafford, Tx 77477 281-589-0692
 5332 Blackberry Drive, San Antonio, Tx 78238 210-509-3334
 9701 Harry Hines Blvd., Dallas, Tx 75220 214-902-0300

ANALYSIS REQUEST & CHAIN OF CUSTODY RECORD

12600 West I-20 East, Odessa, Tx 79765 432-563-1800
 842 Cantwell, Corpus Christi, Tx 78408 361-884-0371

Serial #: **233217**

Company-City **LIVING EARTH TECHNOLOGY** Phone **713-466-7360**
 Proj Name-Location Previously done at XENCO Project ID **LETCD 012910**
LETCD-CRAWFORD/5625 CRAWFORD Rd
 Proj State: AL, CO, FL, GA, LA, MS, NC, NJ, NM, OK, PA, SC, TN, TX, UT Other **TX** Proj. Manager (PM) **SCOTT ESTES**
 e-mail to PM **SESTES@LETCDGROUP.COM** Fax to: **713-466-7989**
 Invoice to Accounting Inc. Invoice with Report Invoice must have a P.O. or
 Bill to: **5625 CRAWFORD Rd Hou, TX 77041**
 Quote/Pricing: P.O No: Call for P.O.
 Reg Program: UST DRY-CLEAN Land-Fill Waste-Disp NPDES DW
 QAPP Per-Contract CLP AFCEE NAVY DOE DOD USACE OTHER:
 Special DLs (GW DW QAPP MDLs RLS See Lab PM Included Call PM)
 LPST No.: Dry Basis
 Sampler Name **SCOTT ESTES** Signature **SCOTT ESTES**

Lab Only: **360332-H**
 TAT: ASAP 5h 12h 24h 48h 3d 5d 7d 10d 21d (Standard TAT is project specific. It is typically 5-7 Working Days for level II and 10+ Working days for level III and IV data.)

Sample ID	Sampling Date	Time	Depth ft in" m	Matrix	Composite	Grab	# Containers	Container Size	Container Type	Preservatives	VOCs BTEX-MTBE OXYG ETOH VOHS	8260 8021 602 624 524 TCLP/SPLP ()	PAHs 8270 8270-SIM 8310	TPH: TX1005 8015B 8015Mod 8015DFO 8015GRO 8015ORO	SVOCs 8270 8270-SIM 625 TCLP/SPLP ()	Metals: RCRA (4, 8, 11) Pb TCLP/SPLP () Other:	Metals Method: 6010 6020 200.8 7470/245.1 7471	NORM Ra 226 228 Uranium	Asbestos PLM PCM	Pesticides 8081 608 TCLP/SPLP ()	Herbicides 8151615 TCLP/SPLP ()	PCBS 8082 608	TSS	Zn	COD	TAT ASAP 5h 12h 24h 48h 3d 5d 7d 10d 21d	Adn: PAH above mg/L W, mg/Kg S Highest Hit	Hold Samples (Surcharges will apply and are pre-approved)	Sample Clean-ups are pre-approved as needed	Remarks	From:	Rcv by:	Date				
1 SWGRAB CRA01	1/29/10	7:00		✓	✓																																
2 SWGRAB CRA02	1/29/10	7:00		✓	✓					H2SO4																											
3 SWGRAB CRA03	1/29/10	7:00		✓	✓					H2SO4																											
4																																					
5																																					
6																																					
7																																					
8																																					
9																																					
10																																					

Relinquished by (Initials and Sign) **Scott Estes** Date & Time **1/29/10 9:40**
 Relinquished to (Initials and Sign) **[Signature]** Date & Time **1/29/10 0040**
 Total Containers per COC: **18** Cooler Temp: **18°C**
 Upon signings this COC you accept XENCO terms and Conditions unless otherwise agreed on writing. Reports are the Intellectual Property of XENCO until paid. Samples will be hold 30 days after final report is e-mailed unless hereby requested. Rush Charges are pre-approved.

Preservatives: Various (V), HCl pH<2 (H), H2SO4 pH<2 (S), HNO3 pH<2 (N), Asbc Acid&NaOH (A), ZnAc&NaOH (Z), (Cool,<4C) (C), None (NA), See Label (L), Other (O) _____
 Cont. Size: 4oz (4), 8oz (8), 32oz (32), 40ml VOA (V), 1L (1), 500ml (5), Tedlar Bag (B), Wipe (W), Other _____ Cont. Type: Glass Amb (A), Glass Clear (C), Plastic (P), Other (O) _____
 Matrix: Air (A), Product (P), Solid(S), Water (W)

Page 9 of 12
 Final Ver. 1.000



Prelogin / Nonconformance Report - Sample Log-In

Client: LIVING EARTH TECHNOLOGY
Date/Time: 01/29/10
Lab ID #: 360332
Initials: dm

JAS

Sample Receipt Checklist

1. Samples on ice?	Blue	Water	<u>No</u>	
2. Shipping container in good condition?	<u>Yes</u>	No	None	
3. Custody seals intact on shipping container (cooler) and bottles?	Yes	No	<u>N/A</u>	
4. Chain of Custody present?	<u>Yes</u>	No		
5. Sample instructions complete on chain of custody?	<u>Yes</u>	No		
6. Any missing / extra samples?	<u>Yes</u>	<u>No</u>		
7. Chain of custody signed when relinquished / received?	<u>Yes</u>	No		
8. Chain of custody agrees with sample label(s)?	<u>Yes</u>	No		
9. Container labels legible and intact?	<u>Yes</u>	No		
10. Sample matrix / properties agree with chain of custody?	<u>Yes</u>	No		
11. Samples in proper container / bottle?	<u>Yes</u>	No		
12. Samples properly preserved?	<u>Yes</u>	No	N/A	
13. Sample container intact?	<u>Yes</u>	No		
14. Sufficient sample amount for indicated test(s)?	<u>Yes</u>	No		
15. All samples received within sufficient hold time?	<u>Yes</u>	No		
16. Subcontract of sample(s)?	Yes	No	N/A	
17. VOC sample have zero head space?	<u>Yes</u>	No	N/A	
18. Cooler 1 No.	Cooler 2 No.	Cooler 3 No.	Cooler 4 No.	Cooler 5 No.
lbs / 8 / °C	lbs °C	lbs °C	lbs °C	lbs °C

Nonconformance Documentation

Contact: _____ Contacted by: _____ Date/Time: _____

Regarding: _____

Corrective Action Taken: _____

Check all that apply: Client understands and would like to proceed with analysis
 Cooling process had begun shortly after sampling event



- 11381 Meadowglen, Suite L, Houston, TX 77082 281-589-0692
- 5309 Wurzbach, Suite 104, San Antonio, TX 78238 210-509-3334
- 9700 Harry Hines Blvd., Dallas, TX 75220 972-902-0300

ANALYSIS REQUEST & CHAIN OF CUSTODY RECORD

LAB ONLY: 360326-D

- 5757 N.W. 158th Street, Miami Lakes, FL 33014 305-823-8500
- 3016 US Highway 301 N., Suite 900, Tampa, FL 33619 813-620-2000

Serial #: 198075 Page of

Company-City Dallas Love Field Phone 214-670-6654 TAT: 5h 12h 24h 48h 3d 5d 7d 10d 21d Standard TAT is project specific.
 City of Dallas - Aviation
 Project Name Previously performed at XENCO Site Love Field Project ID DAL
 It is typically 5-7 Working Days for level II and 10+ Working days for level III and IV data.

Proj. Manager (PM) Sam Peacock Steven.peacock@dallascityhall.com
 Fax Results to PM or Fax No:
 -mail to:
 Invoice to Accounting Inc. Invoice with Final Report Invoice must have a P.O.
 Bill to:
 Quote No: P.O No: Call for a P.O.
 Reg Program: CLP AFCEE TRRP DW UST State Other: TPDES MSGP
 Target DLs (DW CRDL TRRP QAPP MDLs See Lab PM Attached Call)
 TRRP PCLs: Tier 1 Tier 2 Residential Industrial
 PST No.: (Required)
 Sampler Name Jessica Mock Signature J. Mock

Sample ID	Sampling Date	Time	Depth # in' m	Matrix	Composiite Grab	# Containers	Container Size	Container Type	Preservatives	BTEX by 8021 8260 602 624 Other	BTEX-MTBE by 8021 8260 624 Other	TPH by TX1005 FL-Pro 1664 8015GRO 8015DRO 418.1	PAHs by 8270 8310	Metals by 6020 200.8 8RCRA Tot Pb TCLP8 13PP 23TAL	VOCs by 8021 8260 624 VOA VOH PPs TCL	SVOCs by 8270 625 PAHs BN&A TCL PPs	FL Preburn - Revised: Virgin Non-Virgin	TAT 5h 12h 24h 48h 3d 5d 7d 10d 21d	Addr: PAH above mg/L W. mg/Kg S Highest Hit	Hold Disposal - Hold Analysis (Surcharges will apply)	Sample Clean-ups are pre-approved	Remarks	
IN-1	1-28-10	1:53			X	1			Alu3				X	X									
OF-2	1-28-10	2:00			X	1																	
OF-4	1-28-10	2:06			X	1																	
OF-5	1-28-10	2:08			X	1																	
OF-13	1-28-10	2:20			X	1																	
OF-10	1-28-10	2:30			X	1																	
OF-16	1-28-10	2:35			X	1																	
OF-18	1-28-10	2:45			X	1																	

Relinquished by (Initials and Sign) J. Mock Date & Time 1-29-10 9:30a
 Relinquished to (Initials and Sign) Chris Poln Date & Time 1/29/10 9:30a
 Rush Charges are Pre-Approved upon requesting them: OK
 Instructions:
 All XENCO Standard Terms and Conditions Apply.
 Containers Received: Cooler Temperature: 0.7C

Preservatives: Various (V), HCl pH<2 (H), H2SO4 pH<2 (S), HNO3 pH<2 (N), Asbc Acid&NaOH (A), ZnAc&NaOH (Z), (Cool,<4C) (C), None (NA), See Label (L), Other (O)
 Cont. Size: 4oz (4), 8oz (8), 32oz (32), 40ml VOA (V), 1L (1), 500ml (5), Tedlar Bag (B), Wipe (W), Other Cont. Type: Glass Amb (A), Glass Clear (C), Plastic (P), Other (O)

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Prelogin / Nonconformance Report - Sample Log-In

Client: COD-LOVE Field
Date/Time: 1/29/10
Lab ID #: 300330
Initials: AM

Sample Receipt Checklist

1. Samples on ice?	Blue	<u>Water</u>	No	
2. Shipping container in good condition?	<u>Yes</u>	No	None	
3. Custody seals intact on shipping container (cooler) and bottles?	Yes	No	<u>N/A</u>	
4. Chain of Custody present?	<u>Yes</u>	No		
5. Sample instructions complete on chain of custody?	<u>Yes</u>	No		
6. Any missing / extra samples?	Yes	<u>No</u>		
7. Chain of custody signed when relinquished / received?	<u>Yes</u>	No		
8. Chain of custody agrees with sample label(s)?	<u>Yes</u>	No		
9. Container labels legible and intact?	<u>Yes</u>	No		
10. Sample matrix / properties agree with chain of custody?	<u>Yes</u>	No		
11. Samples in proper container / bottle?	<u>Yes</u>	No		
12. Samples properly preserved?	<u>Yes</u>	No	N/A	
13. Sample container intact?	<u>Yes</u>	No		
14. Sufficient sample amount for indicated test(s)?	<u>Yes</u>	No		
15. All samples received within sufficient hold time?	<u>Yes</u>	No		
16. Subcontract of sample(s)?	Yes	No	<u>N/A</u>	
17. VOC sample have zero head space?	Yes	No	<u>N/A</u>	
18. Cooler 1 No.	Cooler 2 No.	Cooler 3 No.	Cooler 4 No.	Cooler 5 No.
lbs <u>0.7</u> °C	lbs °C	lbs °C	lbs °C	lbs °C

Nonconformance Documentation

Contact: _____ Contacted by: _____ Date/Time: _____

Regarding: _____

Corrective Action Taken: _____

Check all that apply: Client understands and would like to proceed with analysis
 Cooling process had begun shortly after sampling event