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CITY OF GLENDALE, CALIFORNIA
Fire Department
FIRE PREVENTION BUREAU
Environmental Management Center - EMC

780 Flower Street
Glendale, California 91201
(818) 548-4810
www.ci.glendale.ca.us

April 19, 2011

Ford Leasing Development Company,
330 Town Center Drive, Suite 1100
Dearborn, Michigan 48126

NRC Env. Services
3777 Long Beach Blvd.
Long Beach, CA 90807

Golder Associates, Inc.
230 Commerce, Suite 200
Irvine, CA 92602

SUBJECT: HYDRAULIC HOIST/LIFT REMOVAL - CLOSURE REPORT
(Bays 1, 23 through 28, and abandoned lift in South parking area)

FACILITY LOCATION: 901 South Brand Blvd. Glendale, California

Between January 6, 2011 and March 10, 2011, NRC Environmental Services, Inc. performed lift removal activities for Bays 1, 23 through 28, and abandoned lift in South parking area. The Glendale Fire Department received and reviewed the report prepared by Golder Associates, Inc and dated April 12, 2011 regarding the removal of these hydraulic lifts, subsurface soil investigation, over-excavation, and confirmation sampling, at the above facility.

According to the report, this project of lift removal was followed by subsurface soil investigation, over-excavation, and concluded by taking confirmation samples around former hydraulic lift locations. The included documentation demonstrates that the excavated soil was properly transported to a disposal facility.

In good faith, we presume the provisions along with the information that was provided to this agency was accurate and representative of site conditions and based on the State Water Resources Control Board's policy for investigation and cleanup of petroleum discharges at low risk sites, no further action is required at this time at Bays 1, 23 through 28, and abandoned lift in South parking area.

Thank you for your cooperation in completing the permit application and submitting the required permit fees. Your willingness and promptness in responding to our inquiries concerning the above site assessment and investigation activities were greatly appreciated.

Should you have any questions regarding this matter, please contact me at (818) 548-7706.

Sincerely,

Vasken Demirjian, MPH, B.S.
Environmental Management coordinator
Glendale Fire Department

REPORT

REPORT ON IN-GROUND HYDRAULIC LIFT REMOVAL

Former Star Lincoln Mercury
901 South Brand Boulevard
Glendale, California

Prepared for: Ford Leasing Development Company
330 Town Center Drive, Suite 1100
Dearborn, Michigan 48126

Submitted to: Glendale Fire Department
780 Flower Street
Glendale, California 91201

Submitted by: Golder Associates Inc.
230 Commerce, Suite 200
Irvine, California 92602

March 2011

093-91993-02

A world of capabilities delivered locally

Golder Associates

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HASP was presented to workers in a meeting before initiating fieldwork and implemented at the Site during the field activities. The HASP is available for review upon request.

Golder contacted Underground Service Alert (USA) to locate and mark underground utilities and subsurface structures at the Site at least 48 hours prior to subsurface penetration, as required by California law.

Additionally, as part of the scope of work, a geophysical survey was conducted in the parking area on the southern parcel. The line tracer used during the geophysical survey was used to delineate underground utilities. The results of the ground survey were marked on the ground surface and mapped.

4.0 PROJECT PLANNING

4.1.1 Regulatory Framework

The City of Glendale Fire Department (GFD) is the Certified Unified Program Agency (CUPA), who has the responsibility to administer and enforce the six Program Elements of the Unified Program (Hazardous Waste Generation and On-site Treatment; UST Program, Aboveground Storage Tanks - Spill Prevention Control and Countermeasure Plan (SPCC), Hazardous Materials Release Response Plans and Inventories, California Accidental Release Program (CalARP), and Uniform Fire Code and Hazardous Materials Management Plan). GFD provides voluntary oversight for remediation of contaminated properties. At present, GFD oversight is limited to soil-only remediation. GFD maintains published sampling requirements for USTs; however, there are no published sampling requirements for the assessment of in-ground hydraulic lifts.

Pursuant to GFD recommended guidelines, samples collected during an in-ground lift assessment were analyzed for TPH-DRO and TPH-ORO by EPA Method 8015M, polychlorinated biphenyls (PCBs) by EPA Method 8082, VOCs by EPA Method 8260B, and/or California Code of Regulations (CCR) Title 22 Metals by EPA Method 6010B.

There are no published numerical soil quality objectives for the City of Glendale. However, GFD communicated that 1,000 mg/kg be used as a TPH cleanup level during lift removal activities. GFD defers to the Los Angeles Regional Water Quality Control Board (RWQCB) who retains their authority under the Water Code to require cleanup of releases where beneficial uses of water are adversely affected or threatened. There are currently no mandated cleanup criteria set forth by RWQCB for petroleum hydrocarbons or VOCs from non-regulated releases such as those from IHVLs. However, RWQCB does have SLs for TPH that are based on the depths to usable groundwater resources, such as less than 20 feet and within 150 feet. Additionally, the local EPA (Region 9) maintains published RSLs for VOCs, PCBs, and metals in commercial/residential soils. SL or RSL exceedances suggest that further evaluation of the potential risks by site contaminants is appropriate.

4.1.2 Pre-Field Activities

Golder contracted NRC of Long Beach, California for all environmental construction tasks at the Site. NRC secured permits with GFD and the City of Glendale Building Department that are required for in-ground lift removals and Site restoration. Permits are provided in Appendix A.

Golder prepared a site-specific Health and Safety Plan (HASP) prior to initiation of fieldwork. The HASP is consistent with current federal Occupational Safety and Health Administration (OSHA) requirements for hazardous waste operations as contained in Code of Federal Regulations Section 1910.120 and California requirements specified by Cal/OSHA in Title 8 of the California Code of Regulations. The

3.0 SCOPE OF WORK

The scope of work for the in-ground hydraulic lift removal activities included the following:

- Task 1.0 – Project Planning and Management
- Task 2.0 – Geophysical Survey
- Task 3.0 – IHVL Removal and Site Restoration
- Task 4.0 – Report Preparation

- Total Petroleum Hydrocarbons - diesel range organics (TPH-DRO) was detected above Screening Levels (SLs)[3] in soil samples collected from Bay 1 at a concentration of 3,100 milligrams/kilogram (mg/kg). TPH - oil range organics (TPH-ORO) was detected in Bay 1 below the SLs at concentrations up to 7,400 mg/kg.
- TPH-DRO and TPH-ORO were detected above SLs in soil samples collected from Bay 24. TPH-DRO and TPH-ORO were detected in soil samples at concentrations up to 4,700 mg/kg and 16,000 mg/kg, respectively.
- Volatile organic compounds (VOCs) 1,2,4-trimethylbenzene and naphthalene were detected above Regional Screening Levels (RSLs)[4] in soil samples collected from Bays 24 and 28 at concentrations up to 72 micrograms/kilogram (µg/kg) and 130 µg/kg, respectively.
- Laboratory results for California Title 22 metals indicated that all analytes were below regulatory requirements with the exception of arsenic, which can be attributed to high levels of naturally occurring arsenic in California soil.

Based on the analytical results, the decision was made to remove all of the IHVLs as well as soil impacted above the SLs and RSLs. A summary of the work completed at the Site during December 2010 through February 2011 is presented below.

[3] California Regional Water Quality Control Board – Los Angeles Region (LARWQCB), Interim Site Assessment and Cleanup Guidebook, dated May 1996
[4] Environmental Protection Agency (EPA), *Regional Soil Screening Levels (RSLs) Summary Table November 2010*, dated November 2010

2.0 SITE BACKGROUND

The Site is located at 901 South Brand Boulevard in Glendale, California, on the southwest corner of the intersection of South Brand Boulevard and Garfield Avenue (Figure 1).

The Site currently consists of an approximately 2.5-acre vacant dealership property that comprises two parcels owned by different entities. The North Parcel (known as 901 S. Brand Boulevard) includes the Main Building and northwest parking area and is owned by Julia and Paul Donzis. The South Parcel (known as 901 and/or 919 S. Brand Boulevard) includes the Used Car Sales Building, the Service Building, and associated parking areas and is owned by LeaseCo. A site layout map is provided as Figure 2. The Main Dealership building has an approximate footprint of 14,500 square feet (ft^2) and contained three active and four removed IHVLs. The Service Building has an approximate area of 6,400 ft^2 and contained two active, four decommissioned, and one removed IHVLs.

Golder completed a Phase I ESA at the subject property in January 2010[1]. The Phase I ESA identified the following potential environmental concerns:

- IHVLs: Thirteen service bays (Bays 1-5 and 8 on the North Parcel and Bays 23-28 and 30 on the South Parcel) were observed to have evidence of active, decommissioned, or removed IHVLs. Two active single post (Bay 1 and 26), two inactive dual-post (Bays 2 and 4), one inactive fore and aft (Bay 28), one decommissioned dual post (Bay 27), three decommissioned fore and aft (Bays 23-25), and evidence of five removed lifts (Bays 1, 3, 5, 8, and 30) were observed at the Site.
- Removed Underground Storage Tanks (USTs): One gasoline UST on the North Parcel and two waste oil USTs on the South Parcel were removed from the Site in 1986. No analytical assessment was conducted during UST removal activities. Additionally, historical information indicates that one 550-gallon gasoline UST may have been installed on the subject property (South/LeaseCo Parcel) in 1949. Based on a review of the permits, the gasoline UST was apparently abandoned in place on the subject property between 1976 and 1982. This UST was not reported in previous environmental reports prepared for the subject property and is not one of the three USTs removed from the subject property in 1986.

Golder conducted a Phase II ESA[2] at the Site on August 11 and 12, 2010. The investigation included collecting and analyzing soil samples from thirteen service bays containing active, inactive, decommissioned, or removed IHVLs and in the location of three removed USTs. The following conclusions were made as a result of the Phase II investigation:

[1] Golder Associates, Inc., *Phase I Environmental Site Assessment and Non-Domestic Wastewater Collection Device Inspection, Star Lincoln Mercury, 901 South Brand Boulevard, Glendale, California 91204*, dated January 2010

[2] Golder Associates, Inc., *Phase II Environmental Site Assessment of In-Ground Hydraulic Lifts and Former Underground Storage Tanks, Former Star Lincoln Mercury – South Parcel, 901 South Brand Boulevard, Glendale, California 91204*, dated September 2010

1.0 INTRODUCTION

This in-ground hydraulic lift removal report documents the removal of eight in-ground hydraulic lift systems conducted on behalf of Ford Leasing Development Company (LeaseCo) at the former Star Lincoln Mercury Dealership located at 901 South Brand Boulevard in Glendale, California (the Site or subject property).

Soil sampling associated with the in-ground hydraulic vehicle lift (IHVL) removals was conducted in accordance with the Environmental Protection Agency (EPA) sample preparation and handling standards. Removal of IHVL systems was completed in general accordance with the Ford *In-Ground Hydraulic Lift Removal Technical Requirements* dated May 22, 2001 (Ford Technical Requirements).

All IHVL removal activities (including lift removal, soil excavation and disposal, backfilling and surface restoration) were performed by NRC Environmental Services, Inc. (NRC) of Long Beach, California. A subsurface geophysical evaluation was conducted by Southwest Geophysics, Inc. of San Diego, California. Samples collected for laboratory analyses were submitted to TestAmerica Laboratories, Inc. (TestAmerica) of Irvine, California, a National Environmental Laboratory Accreditation Conference (NELAC) certified laboratory. Enovis Laboratory Management Services evaluated the analytical data results reported by TestAmerica.

Permits associated with the lift removals are provided in Appendix A. A copy of the Geophysical Evaluation conducted by Southwest Geophysics, Inc. is presented in Appendix B. Site photographs documenting excavations and lift removal activities are presented in Appendix C. Laboratory analytical reports are presented in Appendix D. Waste and recycling manifests are provided in Appendix E.

5.0 GEOPHYSICAL SURVEY

During Golder's Phase I ESA, permits were reviewed from GFD indicating one-550-gallon gasoline UST may have been installed at the subject property in 1949. According to the permits reviewed, the UST was apparently abandoned in place at the subject property between 1976 and 1982. Golder contracted Southwest Geophysics to conduct a geophysical investigation on the southern parcel to identify subsurface anomalies indicative of a UST or backfill excavations associated with UST removal.

Southwest Geophysics conducted a geophysical survey of the South Parcel on January 5, 2011. A GSSI SIR 3000 ground penetrating radar (GPR), Geonics model EM61, GA-52C magnetic gradiometer, Fisher M-Scope TW-6 pipe and cable locator, and RD 40000 line tracer were used to conduct the survey. GPR transverses spaced approximately three feet apart were conducted in north to south and east to west directions. GPR transverses were also performed along random profiles across and near detected features. GPR penetration was reported as approximately two to three feet below ground surface (bgs). The EM61 instrument is a high resolution, time-domain device for detecting buried conductive objects and consists of a powerful transmitter that generates a pulsed primary magnetic field. The line tracer was used to delineate underground utilities. The results of the ground survey were marked on the ground surface and mapped.

Southwest Geophysics submitted a report documenting the results of the geophysical evaluation. The complete report is included in Appendix B. The results of the survey identified the presence of one large and two small EM anomalies. The features were detected with both the magnetic gradiometer and the EM61. According to Southwest Geophysics, the two small EM anomalies are likely associated with buried metal debris. The larger anomaly was located in the southern parking area, west of the Used Car Sales Building. The larger anomaly appeared to be large enough to represent a potential UST or vault with two unidentified lines extending in the vicinity. GPR across the two small anomalies appeared to indicate small shallow features while the GPR across the larger anomaly were inconclusive. Additionally, two possible excavations were detected with the GPR in the area of concrete patches at the Site. One of the possible excavations is located along the Service Building and one is located in the center of the parking area. The excavation areas are consistent with the locations of former USTs at the Site.

5.1 Investigation of Geophysical Survey Results

On March 7, 2011, NRC began investigation activities for the large anomaly that was detected during the geophysical survey in the southern parking area of the Site, as shown on Figure 2. NRC saw cut and removed the asphalt paving in the area of the large anomaly and began excavating the soil. During excavation, an abandoned single-post IHVL was encountered approximately one inch below the asphalt surface. In addition to the lift, two four-inch pipes were encountered adjacent to the IHVL at approximately two feet bgs and appeared to be sewer lines for the Site. Selected photographs are provided in Appendix C. NRC removed the soil above the pipes to approximately two feet bgs, and

contacted GFD. On March 8, 2011, Inspector Gregory Ahern arrived on-Site to inspect the abandoned IHVL and piping. After observing the abandoned lift, Mr. Ahern requested the IHVL be removed. On March 10, 2011, the IHVL was removed in accordance with GFD requirements. The procedures conducted for the removal of the abandoned IHVL and seven additional IHVLs are described in Section 6.0.

6.0 IHVL REMOVAL AND SITE RESTORATION

A total of eight IHVLs were removed from the subject property. The IHVLs included a combined active single post/decommissioned fore and aft lift (Bay 1), one active single-post lift (Bay 26), one decommissioned dual-post lift (Bay 27), one active fore and aft lift (Bay 28), three decommissioned fore and aft lifts (Bays 23 through 25), and one abandoned single-post lift that was discovered in the southern parking area during the geophysical investigation. A Site map identifying the IHVL locations is provided as Figure 3. NRC removed the IHVLs from the Site from December 22, 2010 to March 16, 2011. Selected photographs are provided in Appendix C. The lift removal operations generally included the following steps in sequential order:

- Removal of hydraulic oil from accessible lift reservoirs
- Saw cutting of concrete/asphalt
- Breaking and removal of concrete/asphalt
- Excavation of soil from around the in-ground lift components
- Removal of the in-ground lift components
- Confirmatory soil sampling in the lift excavations

6.1 Concrete and Lift Component Removal

Prior to lift removal, the concrete floor in their respective service bays was cut to dimension in general accordance with Ford Technical Documents. After saw cutting the floor, concrete was broken away from the floor around each lift with a backhoe and temporarily staged in the parking areas to the west of the Main Building and east of the Service Building pending waste characterization analysis. During concrete breaking activities, a structural grade beam for the Service Building was identified between Bays 24 and 25. The removed asphalt in the parking area from the abandoned lift was stored adjacent to the abandoned lift and properly disposed off-site.

Concurrent with concrete/asphalt removal activities, NRC removed the hydraulic oil from the pistons and/or reservoirs from each of the IHVLs. NRC then removed the pistons from each lift and any residual oil from inside the casings. The hydraulic oil from the casings, pistons, and reservoirs was transferred to 55-gallon drums and temporarily stored on-site prior to disposal.

As required, GFD was notified prior to removal of any in-ground lift components. Inspector Jovan Diaz of GFD was on-site to observe lift removal activities in the service bays on January 6, 2010 and March 10, 2011. Subsequent to approval by Mr. Diaz, the in-ground lift components were removed from each bay and temporarily staged on plastic sheeting for cleaning prior to off-site disposal (recycling). The fore and aft concrete vaults were broken up in-place due to the size of the vaults and the concrete was removed from the excavation and staged to the east of the Service Building. The vaults from the fore and aft lifts in Bays 1, 23 through 25, and 28 consisted of concrete sidewalls without a concrete base.

Once all in-ground lift components were removed from each bay, the area was excavated approximately two feet below the base of the lift to assess and sample the subsurface soil. The excavated soil was monitored for visual impact and organic vapors using a photo-ionization detector (PID). Soil from lift removal activities in the Main and Service Buildings was staged on-site in the parking lot west of the Main Building and east of the Service Building. The soil from the abandoned lift removal in the southern parking area was staged on-site adjacent to the abandoned lift excavation area. NRC placed 6-mil plastic sheeting underneath the stockpiles and covered the stockpiles with 6-mil plastic sheeting at the end of each work day.

6.2 Confirmatory Sampling and Analysis

Once the lift excavations were complete, confirmatory soil samples were taken from the base of each excavation to determine if impacts were present. The soil sampling and analysis consisted of collecting one soil sample from the base of the single and dual post lift excavations for analysis of TPH-DRO and TPH-ORO by EPA Method 8015M. For the removed fore and aft lifts, two soil samples were collected from the base of the excavations and initially analyzed for TPH-DRO and TPH-ORO by EPA Method 8015M. If elevated levels of TPH were detected above SLs and/or the GFD recommended cleanup level in the initial base samples, further excavation was conducted and additional samples were collected and analyzed, The final samples collected from the base of the fore and aft lift excavations were additionally analyzed for VOCs by EPA Method 8260B. Saturated conditions were not encountered during removal of the IHVLs. A summary of the soil samples analyzed and results is provided in Table 1.

One bottom sample was initially taken from the single post lift in Bay 1 (B1-B-10); however, during excavation, a vault from a former fore and aft lift in the bay was encountered. The vault and associated components were removed and an additional sample (B1-BS-10) was collected from the bottom of the excavation at a depth of approximately 10 feet bgs. One soil sample was collected from the bottom of the excavations in Bays 26 and 27 at depths of approximately 10 feet (B26-B-10) and 9.5 feet (B27-BE-9.5) bgs, respectively. As requested by GFD Inspector Diaz, a sample (B27-BW-2) was collected from the soil beneath the piping in Bay 27 at approximately two feet bgs. One soil sample was collected beneath the location of the abandoned single-post lift at approximately nine feet bgs. No evidence of impact or PID readings above background levels were detected in soils in Bays 1, 26, 27, and from the abandoned IHVL.

Two soil samples were initially collected from beneath each fore and aft lift in Bays 23 through 25 and 28 at a minimum depth of two feet below the base of the vault. During excavation activities, visual evidence of impact was observed in Bays 23 through 25 and 28 and additional excavation was conducted in each bay. In Bay 23, a soil sample was initially collected at approximately 11 feet bgs from the east and west bottom (B23-BE-11 and B23-BW-11, respectively) of the excavation. TPH-DRO and TPH-ORO were detected in the soil samples analyzed. Bay 23 was subsequently excavated an additional two feet and two additional soil samples (B23-BE-13 and B23-BW-13) were collected and analyzed at 13 feet bgs.

Soil samples from Bay 24 were collected from the base of the excavation at approximately 14 feet bgs from the east side (B24-BE-14) and at 16 feet bgs (B24-BW-16) on the west bottom of the excavation. Soil samples from Bay 25 were collected at approximately 13 feet bgs from the eastern (B25-BE-13) and western (B25-BW-13) sides of the excavation. During excavation activities, visual evidence of impact was observed along the southern wall at approximately nine feet bgs in Bay 24 and along the northern wall at approximately 10 feet bgs in Bay 25. Additional soil samples were collected and analyzed from the sidewalls of Bays 24 (B24-BC-9) and 25 (B25-BC-10). The soil could not safely be excavated due to the presence of a structural grade beam extending between the two bays. Soil samples were collected at the base of the excavation in Bay 28 at depths of 9.5 and 13 feet bgs from the eastern (B28-BE-9.5) and western (B28-BW-13) sides of the excavation, respectively.

Soil samples were collected for VOC analysis pursuant to EPA Method 5035 (i.e., transferred to 40 ml VOA vials with the appropriate preservatives). Soil samples were also transferred to 4-oz glass jars for TPH, PCBs, and/or metals analyses. Samples were placed in laboratory-provided sample containers and stored in a standard cooler with ice. Coolers were transported under Chain-of-Custody (COC) procedures to TestAmerica, a California State Certified Laboratory. Complete laboratory results and chain-of-custodies are provided in Appendix D. Enovis Laboratory Management Services (Enovis) evaluated the analytical data results reported by TestAmerica.

6.3 Soil Analytical Results

A discussion of the laboratory analytical results is provided below. A summary of the results is provided in Table 1 and shown on Figure 3. Complete laboratory analytical reports are provided in Appendix D.

Sample results for TPH were compared to the Los Angeles RWQCB's SLs that are based on the depths to usable groundwater resources. Given the anticipated depth to groundwater (approximately 60 feet bgs), the SLs for TPH-DRO and TPH-ORO are 1,000 mg/kg and 10,000 mg/kg, respectively. Additionally, GFD communicated that 1,000 mg/kg be used as a TPH cleanup level during lift removal activities.

TPH-DRO and TPH-ORO were not detected above the laboratory reporting limits in soil samples collected from Bay 1, Bay 26, or the abandoned lift.

TPH-DRO and TPH-ORO were detected above the laboratory reporting limits in one or more soil samples collected from Bays 23 through 25 and 28. TPH-DRO and TPH-ORO were detected at levels below RWQCB's SLs and/or GFDs recommended cleanup level in the confirmation samples collected from Bays 23 through 25 and 28, with the exception of the two sidewall samples collected from Bays 24 and 25. Although the TPH concentrations exceeded the cleanup criteria, additional sidewall excavation was deemed unsafe given the potential to compromise the building's structural integrity.

Soil samples collected from the bottoms of the fore and aft lift excavations in Bays 1, 23 through 25, and 28 were additionally analyzed for VOCs. VOCs were not detected above laboratory reporting limits in any of the soil samples analyzed.

6.4 Site Restoration

6.4.1 Main Building and Service Building

Following discussions with GFD regarding the observations and results of the excavation activities, the excavations in the Main and Service Buildings were backfilled with pea gravel. Due to the proximity of the excavated area to building structural components, Bays 23 through 25 were additionally lined with geotextile fabric to stabilize the sidewalls of the excavations. The geotextile liner was placed along the sidewalls of the excavation prior to backfilling and compaction.

Following backfilling and compaction, each excavation area was prepared for concrete replacement and inspection. Representatives from the City of Glendale Building Department inspected each excavation prior to resurfacing on January 24 and 26, 2011. The replacement concrete consisted of approximately four inches of 2,500 pounds per square inch (psi) concrete in each bay.

6.4.2 Abandoned Lift

The excavation in the southern parking area from the abandoned lift was backfilled with pea gravel. A geotextile fabric was placed atop the pea gravel and covered with approximately eight inches of soil. Following backfilling, the surface was patched with asphalt to match the surrounding surface conditions.

6.5 Disposal of Generated Waste

Golder collected waste characterization samples for concrete on January 7, 2011. Concrete sampling was conducted in accordance with the *EOS Memorandum for Characterization of Concrete for Disposal or Recycling for U.S. and Canadian Facilities* dated 12/01/2008. The concrete was tested for semi-VOCs (SVOCs) by EPA Method 8270C, PCBs by EPA Method 8082, and Title 22 CAM Metals by EPA Method 6010B. Once analytical results were received, the concrete was transported to Arcadia Reclamation, Inc. in Arcadia, California for recycling. Recycling tickets are provided in Appendix E.

Golder collected waste characterization samples of the drummed hydraulic oil on January 7, 2011 and March 10, 2011. The samples were tested for PCBs by EPA Method 8082. Sample results were below laboratory detection limits for PCBs. Five 55-gallon drums of hydraulic oil were transported to Veolia ES Technical Solutions, LLC (Veolia) in Azusa, California for oil recycling on March 7, 2011 and March 16, 2011. Oil disposal manifests are provided in Appendix E.

Subsurface hydraulic lift equipment including lift cylinders, casings, and reservoirs were removed and cleaned prior to disposal. Oil absorbent was placed inside oil reservoirs prior to destruction (i.e., torch-

cutting). The clean metal debris was transported to SA Recycling, LLC in Long Beach, California. Recycling tickets are provided in Appendix E.

Golder collected composite samples for waste characterization of the stockpiled soil from the Main and Service Building excavations on January 14 and February 9, 2011. The soil samples were tested for TPH carbon chain identification (TPH-CCID) by EPA Method 8015B, VOCs by EPA Method 8260B, and Title 22 CAM Metals by EPA Method 6010B. Following waste characterization of the excavated soil, NRC loaded the soil for transport to Butterfield Station Landfill in Mobile, Arizona, a Waste Management facility signatory to Ford's master waste supplier agreement. A total of approximately 345 tons of soil was removed from the Site.

A composite soil sample was collected from the stockpiled soil from the abandoned lift excavation on March 10, 2011 and analyzed for TPH-DRO and TPH-ORO. Waste soil was disposed of off-site and transported to Veolia in Azusa, California on March 16, 2011.

7.0 SUMMARY & CONCLUSIONS

Golder completed IHVL removal activities at the former Star Lincoln Mercury dealership, located at 901 South Brand Boulevard in Glendale, California. The work described herein was completed at the facility between December 2010 and March 2011. The scope of work included:

- Active and Decommissioned IHVLs: Removal of IHVLs and the assessment of soil quality in the immediate vicinity of the IHVLs located in Bays 1, and 23 through 28, and the south parcel parking area.
- Geophysical Survey: A geophysical survey was conducted at the subject property on the south parcel owned by LeaseCo. During the geophysical survey, a large anomaly was detected in the southern parking area and subsequently determined to be an abandoned lift.

The results of the work described herein can be summarized as follows:

- Active and Decommissioned IHVLs: Eight IHVLs were removed from the Service Building, Main Building, and parking lot area at the subject property. Confirmatory samples were collected from the excavations and analyzed for TPH-DRO, TPH-ORO and/or VOCs to assess the extent of potential impact. VOCs were not detected in the samples analyzed from the excavations.

  Results of the confirmatory sampling from the bottom of the excavations indicated that TPH-DRO and TPH-ORO were not detected above laboratory reporting limits in Bays 1, 26, and 27. TPH-DRO and TPH-ORO were detected at low concentrations, below RWQCB's SLs and/or GFDs recommended cleanup level in the excavation bottom samples collected from Bays 23 through 25 and 28. Two sidewall samples collected from Bays 24 and 25 contained TPH impacts above the SLs. Although the TPH concentrations exceeded the cleanup criteria, additional sidewall excavation was deemed unsafe given the potential to compromise the building's structural integrity.

  Post-excavation confirmation sample results indicate residual levels of TPH-ORO (hydraulic oil) remain in soil at the Site in Bays 23 through 25, and 28. However, data collected during the 2010 Phase II ESA confirms that TPH impacts are non-detect at depths within 1 to 3 feet below the excavation bottoms. Select applicable analytical data from the Phase II ESA is provided in Table 1. The results of this investigation and previous Phase II ESA confirm the TPH impacts in soil at the Site are limited in extent and have been delineated. Given the sources (IHVLs) of impact (hydraulic oil) have been removed, the relative immobility and anticipated biodegradation (natural attenuation) of the concentrations of TPH-ORO remaining in the soil, the depth to groundwater (approximately 60 feet bgs), the release at the Site is a low risk, soils only case, and no additional action is warranted at this time. With respect to the removal of IHVLs at the Site, Golder respectfully requests GFD issue a no further action letter.

- Geophysical Survey: The large anomaly detected during the geophysical survey was determined to be an abandoned IHVL. The abandoned IHVL was removed and soil samples were collected from the beneath the removed IHVL. TPH-DRO and TPH-ORO were not detected above laboratory reporting limits from the soil sample collected from the abandoned IHVL excavation.

8.0 CLOSING

Golder appreciates the opportunity to assist LeaseCo with this project. We respectfully request that GFD issue a no further actions letter with respect to the removal on the in-ground hydraulic vehicle lifts at the Site. Please contact Misty Vazquez at 714-508-4400 if you have any questions or comments concerning this report.

Sincerely,

GOLDER ASSOCIATES INC.

Kristina Byrne
Staff Environmental Engineer

Misty Vazquez, REA
Senior Environmental Engineer

for Neil J. Chandler, CHMM
Senior Environmental Scientist

cc: City of Glendale Fire Department

TABLES

TABLE 1

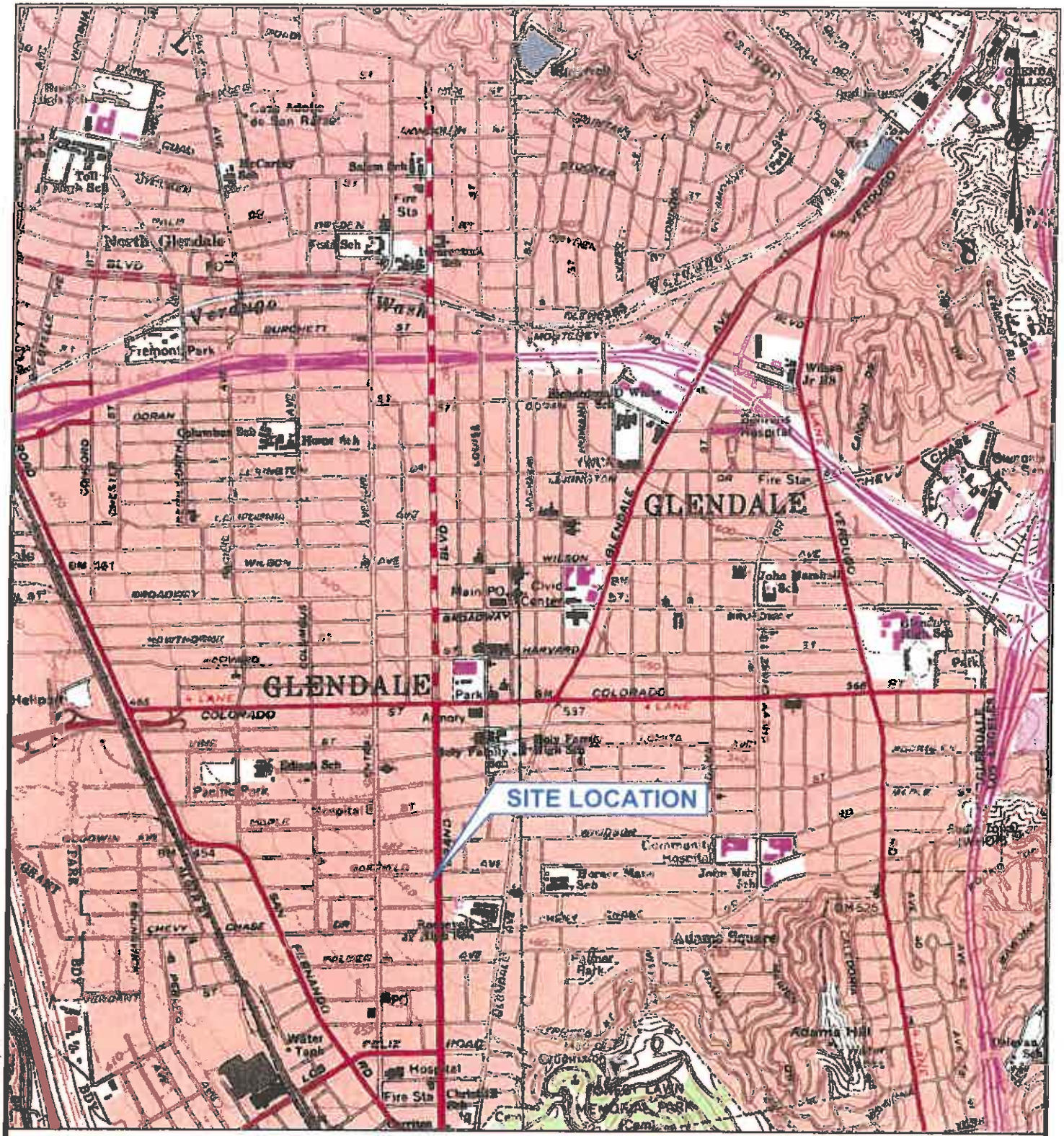
PETROLEUM HYDROCARBON ANALYTICAL RESULTS
LIFT REMOVAL INVESTIGATION

STAR LINCOLN MERCURY
901 SOUTH BRAND BOULEVARD
GLENDALE, CALIFORNIA

Sample Location	Sample ID	Sample Date	Sample Depth (ft bgs)	Analyses Performed		
				TPH-DRO 8015M (mg/kg)	TPH-ORO 8015M (mg/kg)	VOCs 8260B (µg/kg)
Bay 1	B1-B-10	1/6/2011	9-10	ND < 5.0	ND < 5.0	-
	B1-BS-10	1/14/2011	9-10	ND < 5.0	ND < 5.0	ND
Bay 23	B23-BE-11*	1/7/2011	10-11	580	2,300	-
	B23-BE-13	1/14/2011	12-13	510	2,900	ND
	B23E-14	8/12/2010	14	ND < 5.0	ND < 5.0	ND
	B23-BW-11*	1/7/2011	10-11	280	1,200	-
	B23-BW-13	1/14/2011	12-13	190	900	ND
	B23W-14	8/12/2010	14	ND < 5.0	ND < 5.0	ND
Bay 24	B24-BC-9	1/10/2011	8-9, Sidewall	3,000	15,000	-
	B24-BE-14	1/7/2011	13-14	ND < 5.0	ND < 5.0	ND
	B24E-14	8/12/2010	14	ND < 5.0	ND < 5.0	-
	B24-BW-11*	1/7/2011	10-11	540	2,600	-
	B24-BW-16	1/14/2011	15-16	140	830	ND
	B24W-18	8/12/2010	18	ND < 5.0	ND < 5.0	ND
Bay 25	B25-BC-10	1/10/2011	9-10, Sidewall	2,000	5,000	-
	B25C-14	8/12/2010	14	210	460	ND
	B25-BE-13	1/7/2011	12-13	ND < 5.0	ND < 5.0	ND
	B25E-14	8/12/2010	14	ND < 5.0	ND < 5.0	-
	B25-BW-13	1/7/2011	12-13	7.8	28	ND
	B25W-14	8/12/2010	14	ND < 5.0	ND < 5.0	-
Bay 26	B26-B-10	1/7/2011	9-10	ND < 5.0	ND < 5.0	-
Bay 27	B27-BE-9.5	1/7/2011	8.5-9.5	ND < 5.0	ND < 5.0	-
	B27-BW-2	1/7/2011	1-2 (pipe)	28	39	-
Bay 28	B28-BE-9.5	1/7/2011	8.5-9.5	18	86	ND
	B28E-14	8/12/2010	14	ND < 5.0	ND < 5.0	-
	B28-BW-13	1/7/2011	12-13	26	82	ND
	B28W-14	8/11/2010	14	ND < 5.0	ND < 5.0	-
Abandoned Lift	LA-1-9	3/10/2011	8-9	ND < 5.0	ND < 5.0	-
Cleanup Level**				1,000	10,000	

Notes:
Selected 2010 Phase II ESA sample results provided in blue
ft bgs = feet below ground surface
* Sample area removed (additional excavation conducted at sample depth)
** LARWQCB 1996, Soil Screening Levels (SLs) for soils between 20 and 150 feet above groundwater.
- Not Analyzed
ND - Non detect above laboratory PQLs

FIGURES



REFERENCE

1.) MAP FROM 7.5 MINUTE U.S.G.S. QUADRANGLES OF BURBANK AND PASADENA, CALIFORNIA, DATED 1966.

Golder Associates
Irvine, California

SCALE	AS SHOWN
DATE	02/18/11
DESIGN	AM
CADD	KAB
CHECK	MV
REVIEW	NC

FILE No. 0939199302A001
PROJECT No. 093-91993-02 REV. 0

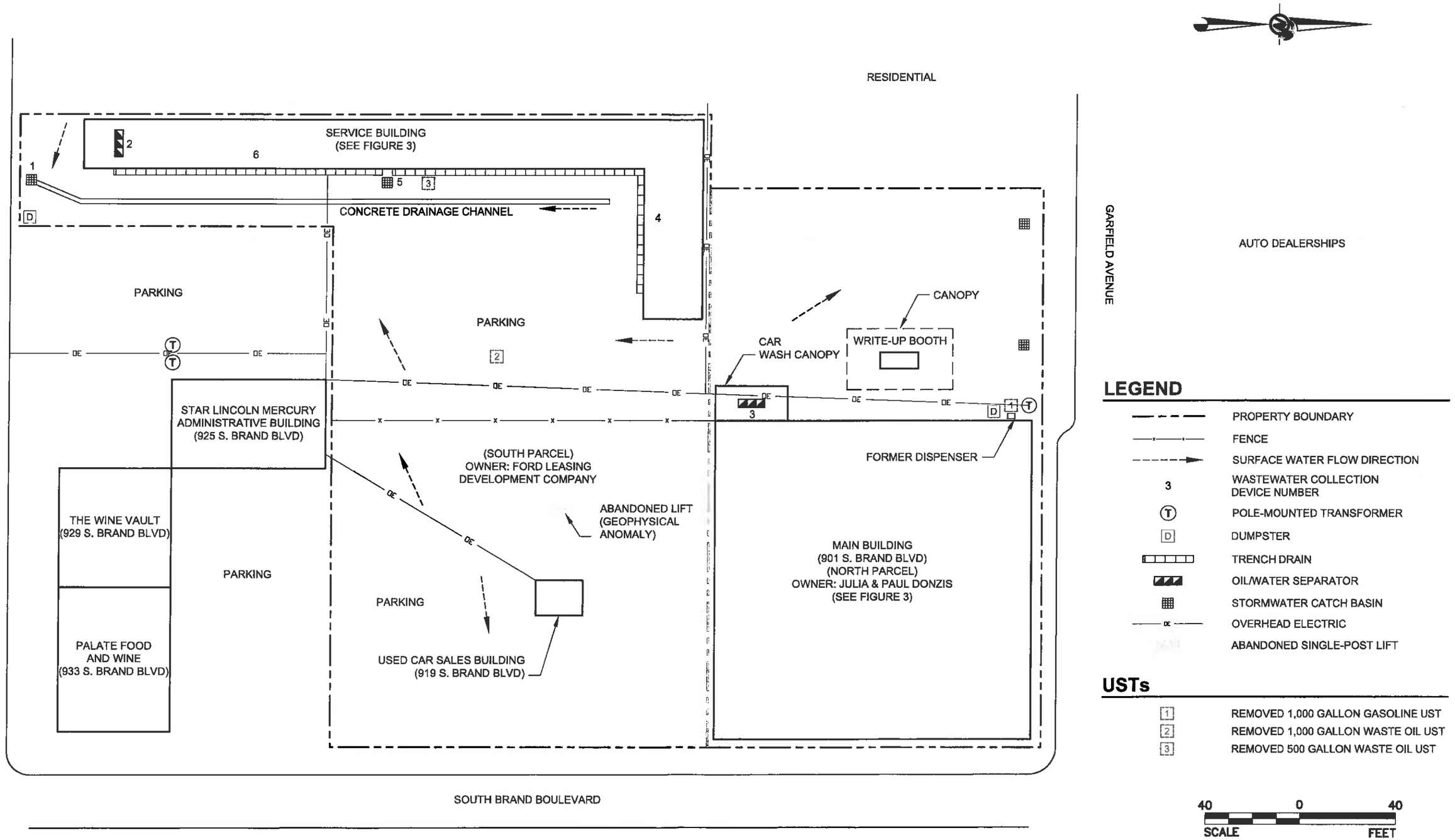
TITLE

SITE LOCATION MAP
901 SOUTH BRAND BLVD
GLENDALE, CALIFORNIA

STAR LINCOLN MERCURY

FIGURE 1

Drawing file: 0939199302A001.dwg Mar 09, 2011 - 2:01pm



LEGEND

- PROPERTY BOUNDARY
- FENCE
- SURFACE WATER FLOW DIRECTION
- 3 — WASTEWATER COLLECTION DEVICE NUMBER
- (T) — POLE-MOUNTED TRANSFORMER
- [D] — DUMPSTER
- TRENCH DRAIN
- OIL/WATER SEPARATOR
- STORMWATER CATCH BASIN
- OE — OVERHEAD ELECTRIC
- ABANDONED SINGLE-POST LIFT

USTs

- [1] REMOVED 1,000 GALLON GASOLINE UST
- [2] REMOVED 1,000 GALLON WASTE OIL UST
- [3] REMOVED 500 GALLON WASTE OIL UST

40 0 40
SCALE FEET

Golder Associates
Irvine, California

SCALE	AS SHOWN
DATE	03/21/11
DESIGN	AM
CADD	KAB
CHECK	MV
REVIEW	SL

FILE No. 0939199302A002
PROJECT No. 093-91993-02 REV. 0

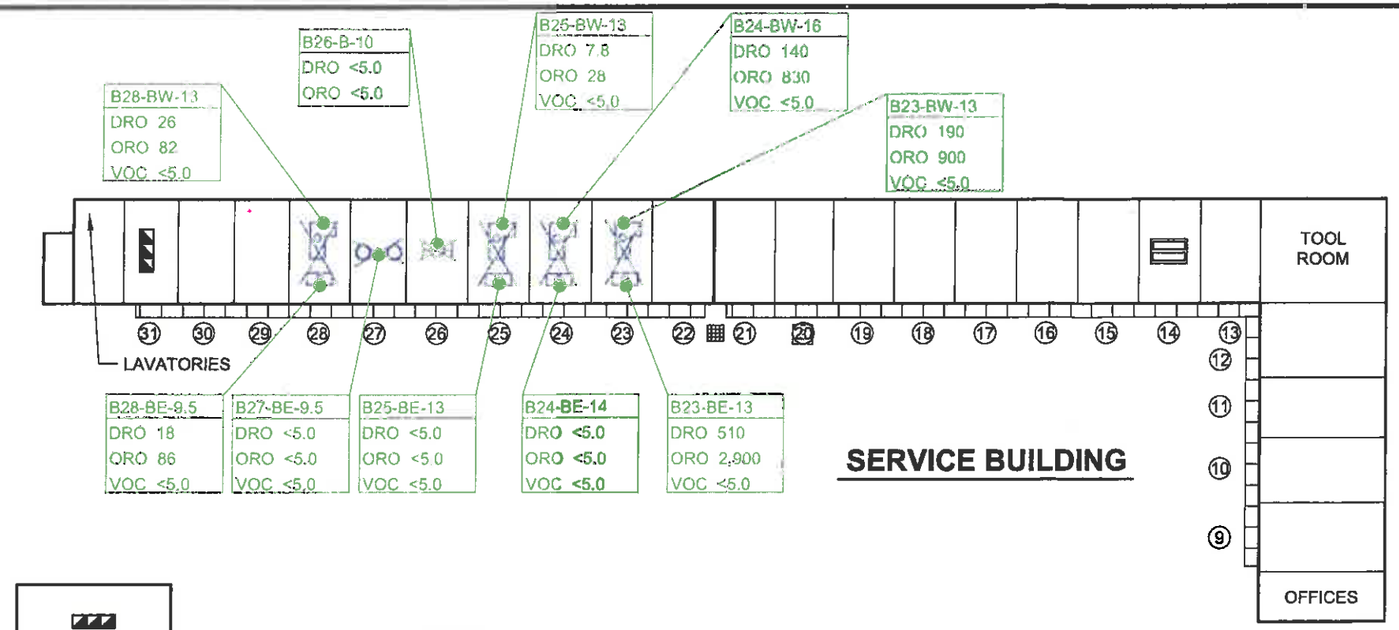
TITLE

SITE LAYOUT MAP
901 SOUTH BRAND BLVD
GLENDALE, CALIFORNIA

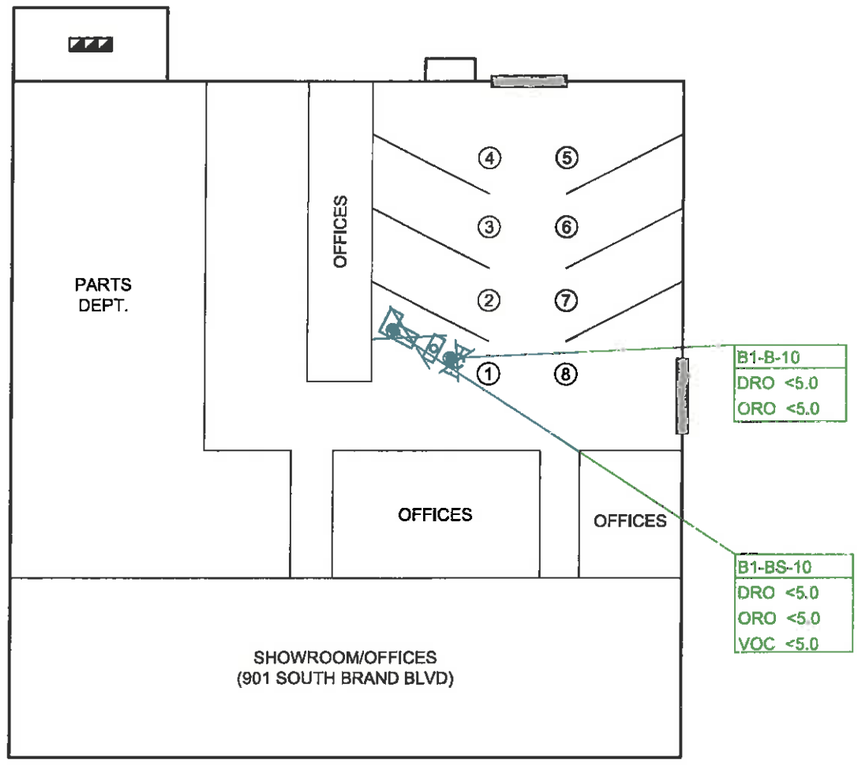
STAR LINCOLN MERCURY

FIGURE 2

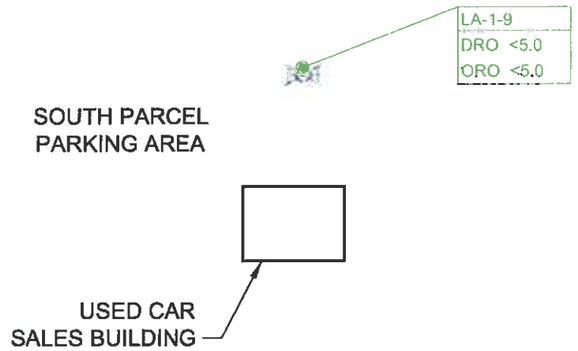
Drawing file: 09391993A002.dwg Mar 21, 2011 - 4:28pm



SERVICE BUILDING



MAIN BUILDING



ABANDONED LIFT

LEGEND

- APPROXIMATE SAMPLE LOCATION
- REMOVED SINGLE POST LIFT
- REMOVED DUAL POST LIFT
- REMOVED FORE & AFT LIFT
- OVERHEAD DOOR
- OIL/WATER SEPARATOR
- TRENCH DRAIN
- STORMWATER CATCH BASIN
- (1) BAY NUMBER
- DYNAMOMETER

NOTE:
CONCENTRATIONS OF RESULTS ARE IN mg/kg
DRO - TOTAL PETROLEUM HYDROCARBONS - DIESEL RANGE ORGANICS
ORO - TOTAL PETROLEUM HYDROCARBONS - OIL RANGE ORGANICS
VOC - VOLATILE ORGANIC COMPOUNDS

30 0 30
SCALE FEET

Golder Associates
Irvine, California

FILE No.	0939199302A003
PROJECT No.	093-91993-02
REV.	0
SCALE	AS SHOWN
DATE	03/21/11
DESIGN	AM
CADD	KAB
CHECK	MV
REVIEW	NC

TITLE

SAMPLE LOCATION PLAN
901 SOUTH BRAND BLVD
GLENDALE, CALIFORNIA

STAR LINCOLN MERCURY

FIGURE 3

Drawing file: 0939199302A003.dwg Mar 22, 2011 - 1:53pm

APPENDIX A
APPROVED PERMITS

Inspections	Apprvd By	Date

City of Glendale

BUILDING

INSPECTION RECORD

PRESERVE THIS RECORD OF YOUR BUILDING INSPECTIONS

Work requiring a permit shall not be commenced until the permit holder or his age shall have posted or otherwise made available an inspection record card such as allow the building official conveniently to make the required entries thereon regardi inspection of the work. This card shall be maintained available by the permit holder un final approval has been granted by the building official.

The issuance of a building permit does not authorize the installation of mechanical wo such as plumbing, electrical, heating, or refrigeration which requires a separate plum ing, electrical, heating, or refrigeration permit.

Building permits shall expire on the one hundred eightieth (180) day from the date issuance if the work permitted hereunder has not been commenced. Such permit sh also expire if the building or work authorized by such permit is suspended or abandon for a period of 180 days at any time after the work commences. Substantial progr must be made in each 180 day period to remain active.

Building & Safety (Inspections), 633 E. Broadway # 100
Glendale, CA 91206-4390 Phone (818) 548-4836
FOR INSPECTION CALL: (818) 548-4830

Building & Safety (Permits), 633 E. Broadway #101
Glendale, CA 91206-4390 Phone (818) 548-3200

P.W. Engineering, 633 E. Broadway # 204
Glendale, CA 91206 Phone (818) 548-3945

Fire Prevention, 780 Flower St.
Phone (818) 548-4810
FOR INSPECTION CALL: (818) 548-4810
Phone Hours: Mon - Thur 7-8 am; 4-5 pm Fri 7-8 am; 3-4 pm

KEEP THIS COVER CLOSED

FAILURE TO PROPERLY PROTECT AND MAINTAIN THIS RECORD MAY RESULT IN JOB DELAY

Building Permit No. [illegible]

Fire Sprinklers Required ☐ Yes ☐ No

Use Zone	Occupancy	High Fire Hazard Area ☐ Yes ☐ No	Type of Const.

Date Issued: 12/21/10

Job Address: 901 S. Brand

Scope of Work: Removal oc Hydralic Hoists #1, 2, 4, 23, 24, 25, 26, 27, 29

Owner: Ford

Contractor: NRC ENV.

INSPECTIONS	APPVD BY	DATE
PRESITE		
SHORING		
TRENCH AND FORMS REINFORCING STEEL		
SETBACK & ELEVATION SURVEY		
UFER / GROUNDING		
OK TO POUR FOOTINGS		
DO NOT POUR FOOTINGS UNTIL ABOVE IS APPROVED		
FIRE SPRINKLER UNDERGROUND HYDRO / ROUGH		
FIRE SPRINKLER UNDERGROUND FLUSH		
HEAT OR REFRIGERATION GROUNDWORK		
ELECTRICAL GROUNDWORK / UF		
PLUMBING GROUNDWORK / UF		
GAS PIPING GROUNDWORK / UF		
FIRST FLOOR JOISTS		
UNDER FLOOR INSULATION		
OK TO POUR SLAB FLOOR FLOOR NAILING		

DO NOT POUR CONCRETE FLOOR SLAB OR COVER FIRST FLOOR JOISTS UNTIL ABOVE IS APPROVED

OCCUPANCY OF THIS BUILDING BEFORE ALL FINAL INSPECTIONS ARE MADE IS A VIOLATION OF THE CITY OF GLENDALE MUNICIPAL CODE

PWB-68 (02/10)

INSPECTIONS	APPRVD BY	DATE
Rough Electric		
Shower Pans		
Rough Plumbing		
Ducts		
Rough Heating or Refrigeration		
Rough Gas Piping		
Roof Sheathing		
DRB Framing		
Fire Alarm		
Fire Sprinkler Overhead Hydro/Rough		
Fire Sprinkler Weld Inspection		
Rough Framing & Roof		
T-Bar Ceiling ☐ HVAC ☐ Electric		
Insulation		
OK TO COVER		

DO NOT COVER UNTIL ABOVE IS APPROVED

Lathing Interior ☐ Exterior ☐		
Dry wall		
Brown Coat ☐ Interior ☐ Exterior		
Sewer-Septic Tank-Cesspool		
Final Gas		
Final Plumbing		
Final Electric		
Final Heating or Refrigeration		
Indigenous Tree/Parks Final		
DRB Final		
Grading Final		
Final Engineering		
Final Fire Sprinkler		
Final Fire Alarm		
☐ Haz-Mat/Ind. Waste Final		
☐ Fire Landscape/ Fuel Mod. Final		
Fire Prevention Bureau Final	SO	10/10/11
☐ DEVELOPMENT FEE PAYMENT DUE PRIOR TO FINAL		
DEVELOPMENT FEE PAID		
FINAL BUILDING INSPECTION	OC	5-14-11

PARTIAL INSPECTION

Inspections	Apprvd By	Date
6 Sites @ Service Bldg [illegible]	OC	1-24-11
2 Sites @ "Main" Bldg	OC	1-24-11

Main Office: 780 Flower Street. Glendale, CA 91201-3057
Fire Engineering Unit: 633 E. Broadway, Suite 101 -- Glendale, CA 91206-4390
Telephone (818) 548-4810

Hazardous Materials Permit

Permit No. ***40150*** **Permit Type:** ***Underground / Aboveground Tank***

By virtue of the Fire Prevention Code of the City of Glendale, authority is hereby given to:

Applicant: **NRCES INC.**

Address: **3777 LONG BEACH BLVD**

City: **LONG BEACH** State: **CA** Zip: **90807**

Phone: **562-432-1304** Fax:

State Cont. Lic. Type: A
State Cont. Lic. No.: 716581
City Business License No.: Cbl716581

Site Name: **STAR LINCOLN MERCURY**

U.L. Certification Required?

Address: **901 S. Brand blvd** Units / Suites:

Permission is Granted for: **Expiration Date:** **Receipt Number:** 158178

Underground or Aboveground storage tanks in accordance with the 2008 Glendale Building and Safety Code: FOR THE REMOVAL OF 9 HOISTS 1,2,4,23,24,25,26,27,28

This permit is issued and accepted on condition that all provisions of the Glendale Fire Code and or any other regulations of the City of Glendale, as now adopted, or as may hereafter be adopted, shall be complied with. Any violation of these provisions may be grounds for revocation of this permit. ***David W. Woods, Fire Marshal***

Approved By: _____

Kevin Widner, Fire Engineer/ Inspector Date Issued: *12/20/2010*

KEEP THIS PERMIT POSTED IN A CONSPICUOUS PLACE AT ALL TIMES

Permit Fee	$1025.28
Additional Fees	
Tota l Fee	$1025.28

Hazardous Materials Permit
Fire Prevention Use Only

Permit No. 40150

Hazardous Materials Permit

Fire Prevention Use Only

Permit No. 40150

Permit Type: *Underground / Aboveground Tank*

Applicant: NRCES INC.

Address: 3777 LONG BEACH BLVD

City: LONG BEACH State: CA Zip: 90807

Phone: 562-432-1304 Fax:

State Cont. Lic. Type: A

State Cont. Lic. No.: 716581

City Business License No.: Cbl716581

Site Name: STAR LINCOLN MERCURY

Address: 901 S. Brand blvd Units / Suites:

Permission is Granted for:

Underground or Aboveground storage tanks in accordance with the 2008 Glendale Building and Safety Code: FOR THE REMOVAL OF 9 HOISTS 1,2,4,23,24,25,26,27,28

Approved By: Kevin Widner, Fire Engineer/ Inspector

U.L. Certification Required?

Processed By: Juan

Date Issued: Dec 20, 2010

Receipt Number: 158178

Account Number: F (34630-101) Fire Prev

Picked Up By: Jon Fareias

Pick Up Date: Dec 21, 2010

Box # 206 Item # 16

Permit Fee: $1025.28

Additional Fees:

Tota l Fee: $1025.28

Account Status: Paid

Date Received: 12/20/10

Expiration Date:

Fire Sprinklers Required ☐ Yes ☐ No

Use Zone	Occupancy	High Fire Hazard Area ☐ Yes ☐ No	Type of Const.

Date Issued: 12/21/10

Job Address: 901 S. Brand

Scope of Work: Removal of Hydrants

Scope of Work: Route #1,2,4,23,24,25,26,27,29

Owner: Ford

Contractor: NAC PNY.

INSPECTIONS	APPVD BY	DATE
PRESITE		
SHORING		
TRENCH AND FORMS REINFORCING STEEL		
SETBACK & ELEVATION SURVEY		
UFER / GROUNDING		
OK TO POUR FOOTINGS		

DO NOT POUR FOOTINGS UNTIL ABOVE IS APPROVED

FIRE SPRINKLER UNDERGROUND HYDRO / ROUGH		
FIRE SPRINKLER UNDERGROUND FLUSH		
HEAT OR REFRIGERATION GROUNDWORK		
ELECTRICAL GROUNDWORK / UF		
PLUMBING GROUNDWORK / UF		
GAS PIPING GROUNDWORK / UF		
FIRST FLOOR JOISTS		
UNDER FLOOR INSULATION		
OK TO POUR SLAB FLOOR FLOOR NAILING		

DO NOT POUR CONCRETE FLOOR SLAB OR COVER FIRST FLOOR JOISTS UNTIL ABOVE IS APPROVED

OCCUPANCY OF THIS BUILDING BEFORE ALL FINAL INSPECTIONS ARE MADE IS A VIOLATION OF THE CITY OF GLENDALE MUNICIPAL CODE

PWB-68 (02/10)

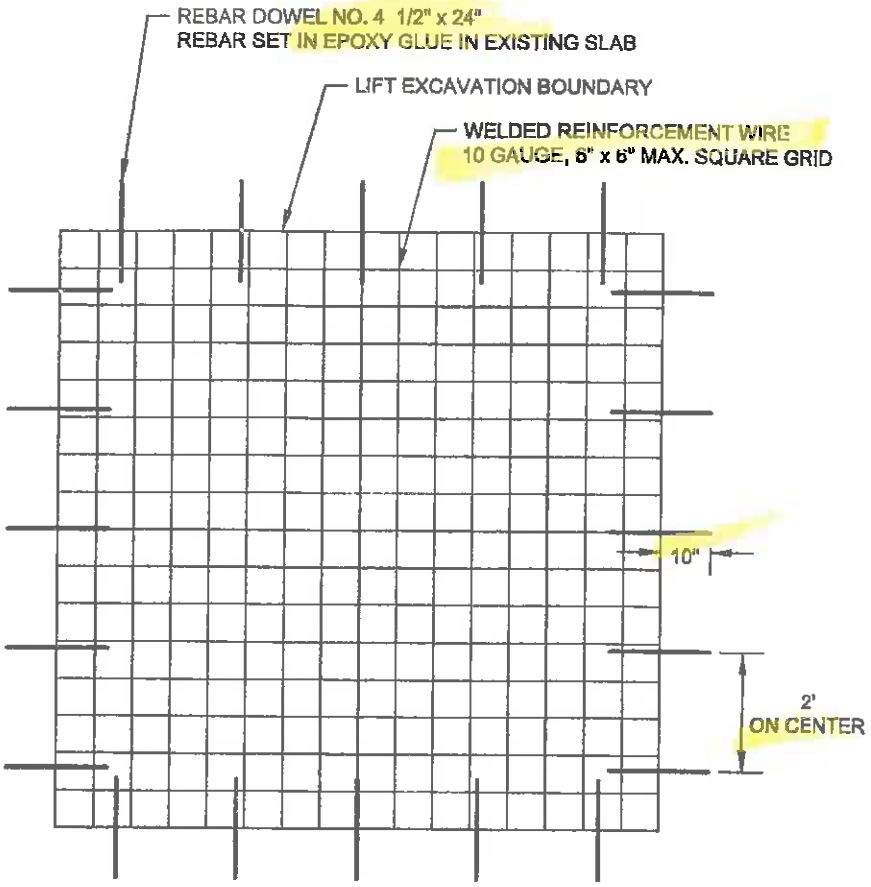
INSPECTIONS	APPRVD BY	DATE
Rough Electric		
Shower Pans		
Rough Plumbing		
Ducts		
Rough Heating or Refrigeration		
Rough Gas Piping		
Roof Sheathing		
DRB Framing		
Fire Alarm		
Fire Sprinkler		
Overhead Hydro/Rough		
Fire Sprinkler Weld Inspection		
Rough Framing & Roof		
T-Bar Ceiling ☐ HVAC ☐ Electric		
Insulation		
OK TO COVER		

DO NOT COVER UNTIL ABOVE IS APPROVED

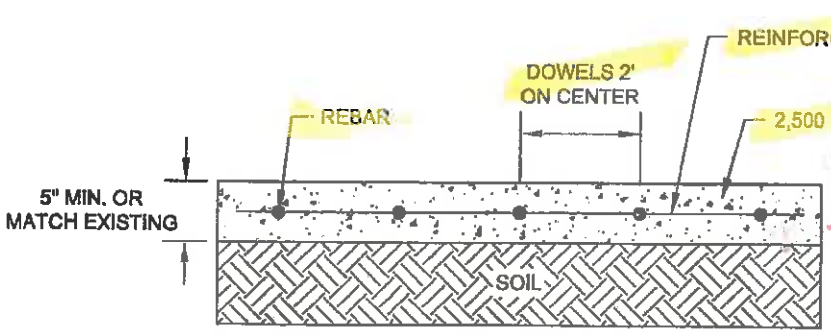
Lathing Interior ☐ Exterior ☐		
Dry wall		
Brown Coat ☐ Interior ☐ Exterior		
Sewer Septic Tank-Cesspool		
Final Gas		
Final Plumbing		
Final Electric		
Final Heating or Refrigeration		
Indigenous Tree/Parks Final		
DRB Final		
Grading Final		
Final Engineering		
Final Fire Sprinkler		
Final Fire Alarm		
☐ Haz-Mat/Ind. Waste Final		
☐ Fire Landscape/Fuel Mod. Final		
Fire Prevention Bureau Final		
☐ DEVELOPMENT FEE PAYMENT DUE PRIOR TO FINAL		
DEVELOPMENT FEE PAID		
FINAL BUILDING INSPECTION		

PARTIAL INSPECTION

Inspections	Apprvd By	Date
6 Sites @ [illegible]	[illegible]	1-24-11
2 Sites @ "[illegible]" [illegible]	[illegible]	1-26-11

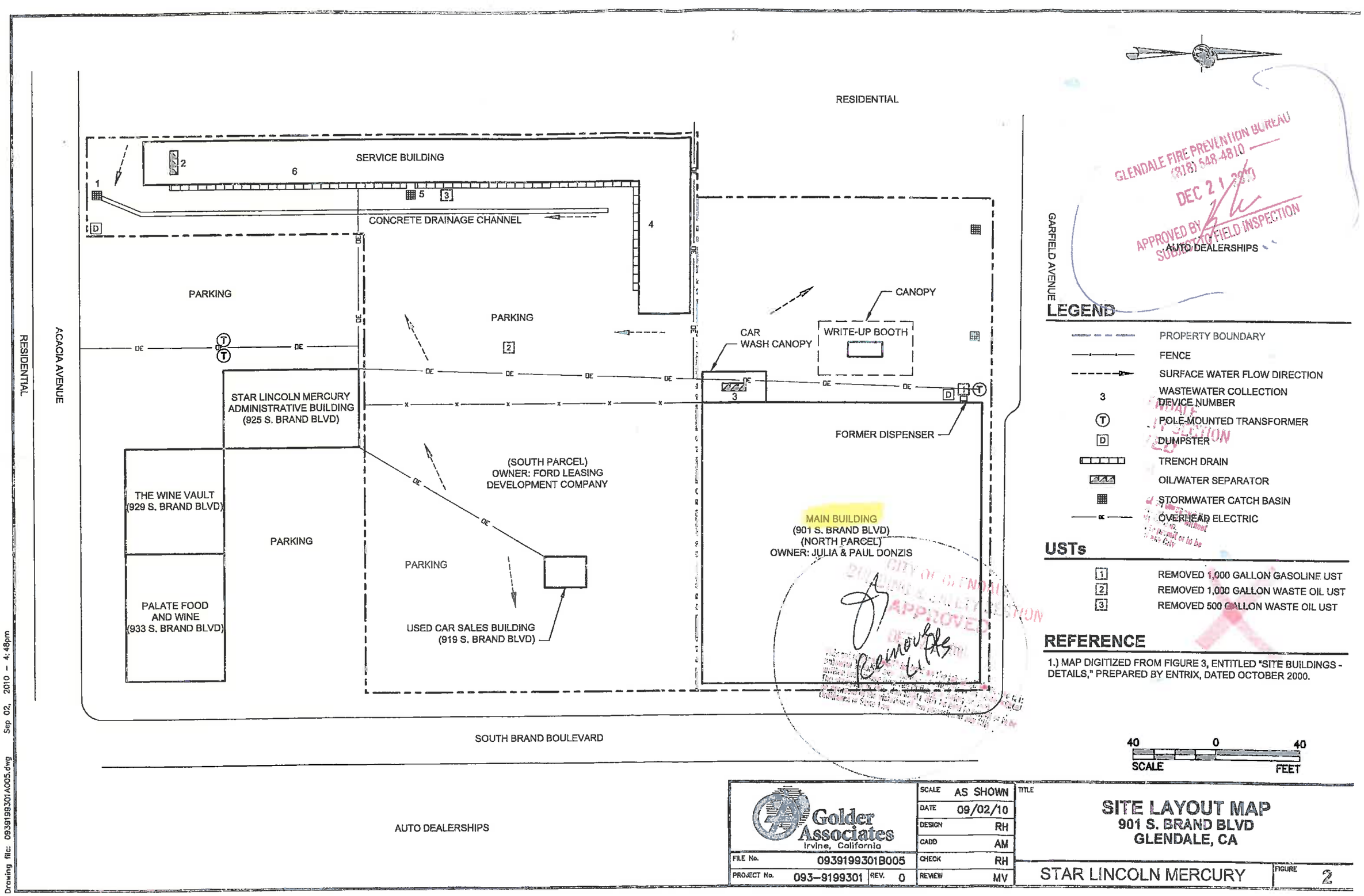


PLAN VIEW



CROSS SECTION VIEW

Golder Associates Irvine, California	SCALE N.T.S.	TITLE	LIFT EXCAVATION CONCRETE REPLACEMENT
FILE No. 0939199302A001	DATE 12/15/2010		
PROJECT No. 093-91993-02 REV. REV	DESIGN MV		
	CADD KAB		
	CHECK MV		
	REVIEW MV	STAR LINCOLN MERCURY	FIGURE 1



GLENDALE FIRE PREVENTION BUREAU
(818) 548-4810
DEC 21 2010
APPROVED BY
SUBJECT TO FIELD INSPECTION

LEGEND

- PROPERTY BOUNDARY
- FENCE
- SURFACE WATER FLOW DIRECTION
- 3 — WASTEWATER COLLECTION DEVICE NUMBER
- T — POLE-MOUNTED TRANSFORMER
- D — DUMPSTER
- TRENCH DRAIN
- OIL/WATER SEPARATOR
- STORMWATER CATCH BASIN
- OE — OVERHEAD ELECTRIC

USTs

- 1 — REMOVED 1,000 GALLON GASOLINE UST
- 2 — REMOVED 1,000 GALLON WASTE OIL UST
- 3 — REMOVED 500 GALLON WASTE OIL UST

REFERENCE

1.) MAP DIGITIZED FROM FIGURE 3, ENTITLED "SITE BUILDINGS - DETAILS," PREPARED BY ENTRIX, DATED OCTOBER 2000.

40 0 40
SCALE FEET

Golder Associates
Irvine, California

SCALE	AS SHOWN
DATE	09/02/10
DESIGN	RH
CADD	AM
CHECK	RH
REVIEW	MV
FILE No.	0939199301B005
PROJECT No.	093-9199301
REV.	0

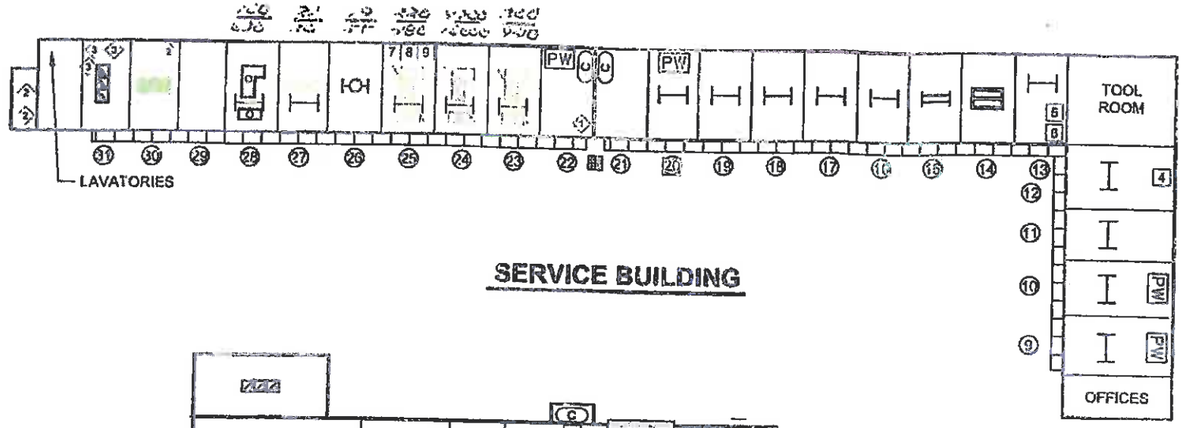
TITLE

SITE LAYOUT MAP
901 S. BRAND BLVD
GLENDALE, CA

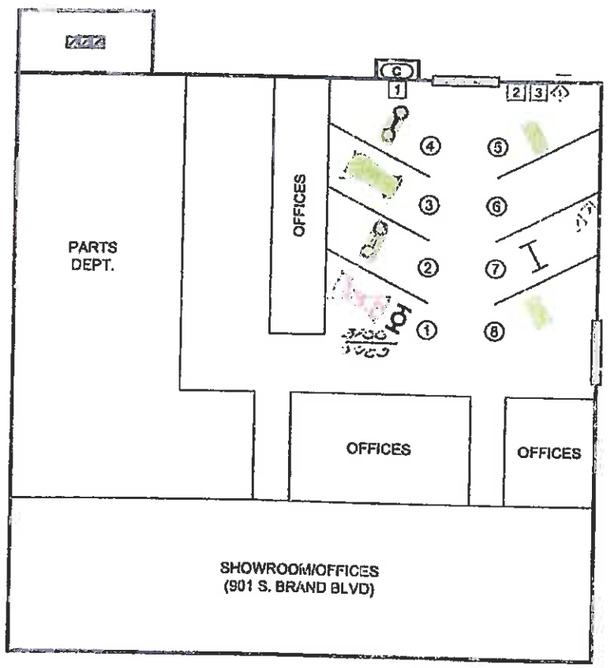
STAR LINCOLN MERCURY

FIGURE 2

Drawing file: 0939199301A005.dwg Sep 02, 2010 - 4:48pm



SERVICE BUILDING



MAIN BUILDING

Scope of work: Remove Hydraulic Hoists (Nos. 1, 2, 4, 23, 24, 25, 26, 27 and 28) Saw cut, demolish concrete and remove. Remove Hoists, replace concrete with 4" thick concrete, dowel rebar into existing concrete, lay wire mesh and pour concrete.

LEGEND

- OVERHEAD DOOR
- ACTIVE SINGLE POST LIFT
- REMOVED SINGLE POST LIFT
- ABOVEGROUND HYDRAULIC LIFT
- DECOMMISSIONED DUAL POST LIFT
- INACTIVE DUAL POST LIFT
- INACTIVE FORE & AFT LIFT
- DECOMMISSIONED FORE & AFT LIFT
- REMOVED FORE & AFT LIFT
- OIL/WATER SEPARATOR
- TRENCH DRAIN
- STORMWATER CATCH BASIN
- BAY NUMBER
- DYNAMOMETER
- FOUR-POST ABOVEGROUND HYDRAULIC LIFT
- PARTS WASHER
- COMPRESSOR

ASTs

- 1 480 GALLON NEW OIL
- 2 480 GALLON USED OIL
- 3 120 GALLON NEW OIL
- 4 120 GALLON ATF
- 5 120 GALLON NEW OIL
- 6 480 GALLON USED OIL
- 7 120 GALLON NEW OIL
- 8 120 GALLON ATF
- 9 240 GALLON NEW OIL

DRUMs

- USED OIL FILTERS
- USED ANTIFREEZE
- DETERGENT

GLENDALE FIRE PREVENTION BUREAU
(818) 548-4810
DEC. 21 2010
APPROVED BY
SUBJECT TO FIELD INSPECTION

CITY OF GLENDALE
BUILDING & SAFETY SECTION
APPROVED
DATE

Detected
Above Currently

30 0 30
SCALE FEET

Golder Associates
Irvine, California

FILE No.	09391993A003
PROJECT No.	093-91993 REV. 0
SCALE	AS SHOWN
DATE	01/26/10
DESIGN	RH
CADD	AM
CHECK	
REVIEW	

TITLE: **SERVICE BUILDING AND MAIN BUILDING SCHEMATICS**
901 S. BRAND BLVD
GLENDALE, CA

STAR LINCOLN MERCURY

FIGURE 3

APPENDIX B
PHOTOGRAPHS

Photograph 1: View of Bays 1 through 4 inside Main Building.

Photograph 2: View of excavations in Bays 1 and 2.

SITE PHOTOGRAPHS

STAR LINCOLN MERCURY
901 SOUTH BRAND BOULEVARD
GLENDALE, CALIFORNIA

Photograph 3: View of dual post lift in Bay 27 prior to removal.

Photograph 4: View of single post lift in Bay 25 prior to excavation.

SITE PHOTOGRAPHS
STAR LINCOLN MERCURY
901 SOUTH BRAND BOULEVARD
GLENDALE, CALIFORNIA

Photograph 5: View of Bay 24 excavation.

Photograph 6: View of excavations in Bays 23 through 25.

SITE PHOTOGRAPHS
STAR LINCOLN MERCURY
901 SOUTH BRAND BOULEVARD
GLENDALE, CALIFORNIA

Photograph 7: View of Service Building during excavation activities.

Photograph 8: View of geofabric prior to backfilling excavation.

SITE PHOTOGRAPHS
STAR LINCOLN MERCURY
901 SOUTH BRAND BOULEVARD
GLENDALE, CALIFORNIA

Photograph 9: View of backfilled excavations in Bays 27 and 28 prior to concrete replacement.

Photograph 10: View of backfilled excavation in Bays 1 and 2 prior to concrete replacement.

SITE PHOTOGRAPHS

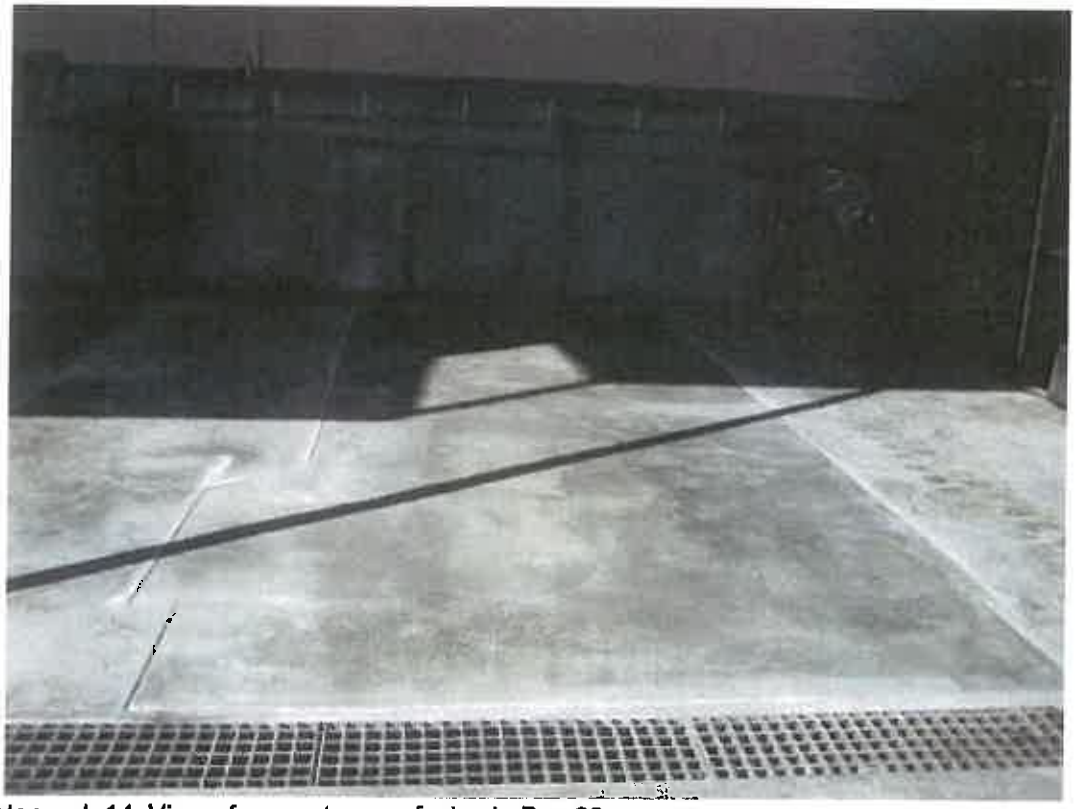
STAR LINCOLN MERCURY
901 SOUTH BRAND BOULEVARD
GLENDALE, CALIFORNIA

Photograph 11: View of concrete resurfacing in Bays 1 and 2.

Photograph 12: View of concrete resurfacing in Bay 28.

SITE PHOTOGRAPHS
STAR LINCOLN MERCURY
901 SOUTH BRAND BOULEVARD
GLENDALE, CALIFORNIA

Photograph 13: View of concrete resurfacing in Bay 25.



Photograph 14: View of concrete resurfacing in Bay 23.

SITE PHOTOGRAPHS
STAR LINCOLN MERCURY
901 SOUTH BRAND BOULEVARD
GLENDALE, CALIFORNIA

Photograph 15: View of concrete resurfacing in Service Building.

Photograph 16: View of stockpiled pea gravel.

SITE PHOTOGRAPHS
STAR LINCOLN MERCURY
901 SOUTH BRAND BOULEVARD
GLENDALE, CALIFORNIA

Photograph 17: View of abandoned lift and piping in southern parking area of Site.

Photograph 18: View of asphalt resurfacing in the location of the former abandoned lift.

SITE PHOTOGRAPHS
STAR LINCOLN MERCURY
901 SOUTH BRAND BOULEVARD
GLENDALE, CALIFORNIA

APPENDIX C
LABORATORY ANALYTICAL REPORT

January 31, 2011

Misty Vazquez
Golder Associates Inc.
230 Commerce, Suite 200
Irvine, CA US 92602

Enovis project ID: E202005
Project: Ford Star LM Lift Removal
Project number: 093-91993-02
Laboratory: TestAmerica - Irvine
Laboratory submittal: IUA0636
Sample date: 2011-01-06
Report received by Enovis: 2011-01-28
Initial Data Verification completed by Enovis: 2011-01-31

Data verification for the report specified above was completed using the Ford Motor Company Environmental Laboratory Technical Specification, the Enovis Standard Operating Procedure for the Verification of Environmental Analytical Data and the associated analytical methods as references for evaluating the batch QC, sample data and report content. The EPA National Functional Guidelines for validating organic and inorganic data were used as guidance when addressing out of control QC results and the associated data qualifiers.

4 Soil sample(s) and 1 trip blank were analyzed for GCMS VOC, PCB, GC VOC and General Chemistry parameter(s).

Sample/MS/MSD Surrogate Recovery, Blank/LCS Surrogate Recovery, LCS/LCD Recovery, LCS/LCD RPD, MS/MSD Recovery, MS/MSD RPD, Blank Contamination and Hold Time Exception were reviewed as part of our verification.

Analytical results for Soil samples have been reported on a dry weight basis.

The following minor QC exceptions or missing information were noted:

PCB MS/MSD QC batch recovery outliers were not performed on a sample from this submittal. Qualification of client sample results is not required based on these sample-matrix specific QC outliers.

GCMS VOC calibration verification responses were outside of method control limits biased high for 1,2-dichlorobenzene, 1,3-dichlorobenzene and 1,4-dichlorobenzene. These results were all non-detect for the client samples so qualification was not required based on the high bias calibration check.

The definitions of the qualifiers used for this data package are defined in the analytical report. Enovis valid qualifiers are defined in the table below. To view and download a PDF copy of the laboratory's analytical report access the Enovis CLMS at http://enovis-inc.com/enovis53/index.cfm.

Please contact me if you have any questions.

Sincerely,

Jim Tomalia

Project Scientist

Enovis Valid Qualifiers

Valid Qualifiers	Description
<	Less than the reported concentration.
>	Greater than the reported concentration.
B	The analyte / compound was detected in the associated blank. For Organic methods the sample concentration was greater than the RDL and less than 5x (or 10x for common lab contaminates) the blank concentration and is considered non-detect at the reported concentration. For Inorganic methods the sample concentration was greater than the RDL and less than 10x the blank concentration and is considered non-detect at the reported concentration.
E	The analyte / Compound reported exceeds the calibration range and is considered estimated.
EMPC	Estimated Minimum Potential Contamination - Dioxin/Furan analyses only.
J	Indicates an estimated value. This flag is used either when estimating a concentration for a tentatively identified compound or when the data indicates the presence of an analyte / compound but the result is less than the sample Quantitation limit, but greater than zero. The flag is also used in data validation to indicate a reported value should be considered estimated due to associated quality assurance deficiencies.
JH	The sample result is considered estimated and is potentially biased high.
JL	The sample result is considered estimated and is potentially biased low.
NJ	Tentatively identified compound with approximated concentration.
R	Indicates the value is considered to be unusable. (Note: The analyte / compound may or may not be present.)
TNTC	Too Numerous to Count - Asbestos and Microbiological Results.
U	Indicates that the analyte / compound was analyzed for, but not detected.
UB	The analyte / compound was detected in the associated blank. For Organic methods the sample concentration was less than the RDL and less than 5x (or 10x for common lab contaminates) the blank concentration and is considered non-detect at the RDL. For Inorganic methods the sample concentration was less than the RDL and less than 10x the blank concentration and is considered non-detect at the RDL.
UJ	The analyte / compound was not detected above the reported sample Quantitation limit. However, the Quantitation limit is considered to be approximate due to associated quality assurance results and may or may not represent the actual limit of Quantitation to accurately and precisely report the analyte in the sample.

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

17461 Derian Avenue, Suite 100, Irvine, CA 92614 (949) 261-1022 Fax:(949) 260-3297

LABORATORY REPORT

Prepared For: Golder Associates - Irvine
230 Commerce, Suite 200
Irvine, CA 92602
Attention: Misty Vazquez

Project: Ford Glendale (Star Lm)
Ford

Sampled: 01/06/11
Received: 01/06/11
Issued: 02/17/11 17:54

NELAP #01108CA California ELAP#2706 CSDLAC #10256 AZ #AZ0671 NV #CA01531

The results listed within this Laboratory Report pertain only to the samples tested in the laboratory. The analyses contained in this report were performed in accordance with the applicable certifications as noted. All soil samples are reported on a wet weight basis unless otherwise noted in the report. This Laboratory Report is confidential and is intended for the sole use of TestAmerica and its client. This report shall not be reproduced, except in full, without written permission from TestAmerica. The Chain(s) of Custody, 2 pages, are included and are an integral part of this report.
This entire report was reviewed and approved for release.

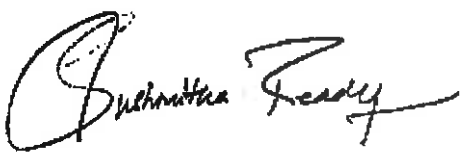
SAMPLE CROSS REFERENCE

SUBCONTRACTED: Refer to the last page for specific subcontract laboratory information included in this report.

ADDITIONAL INFORMATION: Per client's request, the report is reissued with B1-B-10 results only. Rest of the samples are under a separate cover.

LABORATORY ID	CLIENT ID	MATRIX
IUA0636-04	B1-B-10	Soil

Reviewed By:



TestAmerica Irvine

Sushmitha Reddy For Amy Harris
Project Manager

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Irvine, CA 92602
Attention: Misty Vazquez

Project ID: Ford Glendale (Star Lm)
Ford
Report Number: IUA0636

Sampled: 01/06/11
Received: 01/06/11

EXTRACTABLE FUEL HYDROCARBONS (CADHS/8015B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IUA0636-04 (B1-B-10 - Soil)								
Reporting Units: mg/kg								
DRO (C10-C22)	EPA 8015B	11A0685	5.0	ND	1	1/7/2011	1/7/2011	
ORO (C18-C40)	EPA 8015B	11A0685	5.0	ND	1	1/7/2011	1/7/2011	
Surrogate: n-Octacosane (40-140%)				*100 %*				

TestAmerica Irvine

Sushmitha Reddy For Amy Harris
Project Manager

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Project ID: Ford Glendale (Star Lm)
Ford
Report Number: IUA0636

Sampled: 01/06/11
Received: 01/06/11

METHOD BLANK/QC DATA

EXTRACTABLE FUEL HYDROCARBONS (CADHS/8015B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 11A0685 Extracted: 01/07/11										
Blank Analyzed: 01/07/2011 (11A0685-BLK1)										
DRO (C10-C22)	ND	5.0	mg/kg							
ORO (C18-C40)	ND	5.0	mg/kg							
EFH (C10 - C28)	ND	5.0	mg/kg							
Surrogate: n-Octacosane	*6.68*		*mg/kg*	*6.67*		*100*	*40-140*			
LCS Analyzed: 01/07/2011 (11A0685-BS1)										
EFH (C10 - C28)	26.5	5.0	mg/kg	33.3		80	45-115			
Surrogate: n-Octacosane	*7.29*		*mg/kg*	*6.67*		*109*	*40-140*			
Matrix Spike Analyzed: 01/07/2011 (11A0685-MS1)					**Source: IUA0636-04**					
EFH (C10 - C28)	23.7	5.0	mg/kg	33.3	ND	71	40-120			
Surrogate: n-Octacosane	*8.55*		*mg/kg*	*6.66*		*128*	*40-140*			
Matrix Spike Dup Analyzed: 01/07/2011 (11A0685-MSD1)					**Source: IUA0636-04**					
EFH (C10 - C28)	26.5	5.0	mg/kg	33.3	ND	79	40-120	11	30	
Surrogate: n-Octacosane	*6.29*		*mg/kg*	*6.67*		*94*	*40-140*			

TestAmerica Irvine

Sushmitha Reddy For Amy Harris
Project Manager

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Ford
Report Number: IUA0636

Sampled: 01/06/11
Received: 01/06/11

DATA QUALIFIERS AND DEFINITIONS

ND Analyte NOT DETECTED at or above the reporting limit or MDL, if MDL is specified.

RPD Relative Percent Difference

ADDITIONAL COMMENTS

For Extractable Fuel Hydrocarbons (EFH, DRO, ORO) :

Unless otherwise noted, Extractable Fuel Hydrocarbons (EFH, DRO, ORO) are quantitated against a Diesel Fuel Standard.

TestAmerica Irvine

Sushmitha Reddy For Amy Harris
Project Manager

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Sampled: 01/06/11
Received: 01/06/11

Certification Summary

TestAmerica Irvine

Method	Matrix	Nelac	California
EPA 8015B	Soil	X	X

Nevada and NELAP provide analyte specific accreditations. Analyte specific information for TestAmerica may be obtained by contacting the laboratory or visiting our website at www.testamericainc.com

TestAmerica Irvine

Sushmitha Reddy For Amy Harris
Project Manager

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

CHAIN OF CUSTODY FORM

17461 Derian Ave., #100, Irvine, CA 92614 (949) 261-1022 FAX (949) 260-3297
1014 E. Cooley Dr., Suite A, Colton, CA 92324 (909) 370-4667 FAX (909) 370-1046
9830 South 51st St., Suite B-120, Phoenix, AZ 85044 (480) 785-0043 FAX (480) 785-0851
2520 E. Sunset Rd. #3, Las Vegas, NV 89120 (702) 798-3620 FAX (702) 798-3621

TAL-0013(1007)

ZUA0636 Page 1 of 2

Client Name/Address:	Project/PO Number:
Golder Associates Inc 230 Commerce Ste 200 Irvine CA 92602	093-91993-03
Project Manager: Misty Vasquez	**Phone Number:** 714-508-4400
Sampler: MB	**Fax Number:** 714 508-4401

Sample Description	Sample Matrix	Container Type	# of Cont.	Sampling Date	Sampling Time	Preservatives	Analysis Required: TPH-DRO/ORO (8015B EPA)	VOC's (EPA Method: 8260)	TITLE 22 METALS (EPA 6010B)	PCB's (EPA Method 8082)	Special Instructions
B4-B-9	Soil	glass jar	1	1/6/11	1237	none	✓				
B4-B-9	Soil	glass VOA	6		1237	H2O Methanol					hold
B2-B-9	Soil	JAR	1		1407	NONE	✓				
B2-B-9	Soil	VOA	6		1407	H2O Methanol					hold
DS-1	Soil	Jar	1		1422	NONE	✓				
D-S-1	Soil	VOA	6		1422	H2O Methanol					hold
~~B1-B-10~~	~~Soil~~	~~Jar~~	~~1~~								
~~B1-B-10~~	~~Soil~~	~~VOA~~	~~6~~								

0.0 01/07/11 10:00

Relinquished By:	Date/Time:	Received By:	Date/Time:
Mary Beckworth	1/6/11 15:25		1-6-11 1525
Relinquished By:	Date/Time:	Received By:	Date/Time:
	1-6-11 1700		
Relinquished By:	Date/Time:	Received In Lab By:	Date/Time:
			1/06/11 1700

Turnaround Time: (Check)
same day ____ 72 hours ____
24 hours ____ 5 days ✓
48 hours ____ normal ____

Sample Integrity: (Check)
intact ✓ on ice ✓ 2-C

Note: By relinquishing samples to TestAmerica, client agrees to pay for the services requested on this chain of custody form and any additional analyses performed on this project. Payment for services is due within 30 days from the date of invoice. Sample(s) will be disposed of after 30 days.

#0UAPK

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

CHAIN OF CUSTODY FORM

17461 Derian Ave., #100, Irvine, CA 92614 (949) 261-1022 FAX (949) 260-3297
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9830 South 51st St., Suite B-120, Phoenix, AZ 85044 (480) 785-0043 FAX (480) 785-0851
2520 E. Sunset Rd. #3, Las Vegas, NV 89120 (702) 798-3620 FAX (702) 798-3621

TAL-0013(1007)

Client Name/Address: Golder Associates Inc 230 ~~[illegible]~~ Commerce, Ste 200 Irvine CA 92602

Project/PO Number: 093-91993 -02

Project Manager: Misty Vasquez

Phone Number: 714-508-4400

Sampler: MB

Fax Number: 714-508-4401

Analysis Required: TPH-DRO/GRO (8015B EPA); VOC (EPA Method 8260); TITLE 22 Metals (EPA 6010B); PCBS (EPA Method 8082)

Sample Description	Sample Matrix	Container Type	# of Cont.	Sampling Date	Sampling Time	Preservatives	TPH-DRO/GRO (8015B EPA)	VOC (EPA Method 8260)	TITLE 22 Metals (EPA 6010B)	PCBS (EPA Method 8082)						Special Instructions
B1-B-10	soil	Jar	1	1/6/11	1450	N/A	X									
B1-B-10	soil	VOA	6	1/6/11	1450	H2O Methanol	X									Hold

Relinquished By	Date/Time	Received By	Date/Time
[signature]	1/6/11 15:25	[signature]	1-6-11 1525
[signature]	1-6-11 1700		
		Received In Lab By:	

Turnaround Time: (Check)
same day ____ 72 hours ____
24 hours ____ 5 days ✓
48 hours ____ normal ____

Sample Integrity: (Check)
Intact ✓ on ice ✓ 2.1°

Note: By relinquishing samples to TestAmerica, client agrees to pay for the services requested on this chain of custody form and any additional analyses performed on this project. Payment for services is due within 30 days from the date of invoice. Sample(s) will be disposed of after 30 days.

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

PROJECT NO. IUA0636

IUA0636 GOLDER ASSOCIATES

Lot #: A1A130416

Amy Harris

TestAmerica Irvine
17461 Derian Ave
Suite 100
Irvine, CA 92614-5817

TESTAMERICA LABORATORIES, INC.

Kris Brooks

Approved for release.
Kris Brooks
Project Manager
1/20/2011 5:12 PM

Kris M. Brooks
Project Manager
kris.brooks@testamericainc.com

January 20, 2011

CASE NARRATIVE
A1A130416

The following report contains the analytical results for two solid samples submitted to TestAmerica North Canton by TestAmerica Irvine from the IUA0636 GOLDER ASSOCIATES Site, project number IUA0636. The samples were received January 13, 2011, according to documented sample acceptance procedures.

TestAmerica utilizes USEPA approved methods in all analytical work. The samples presented in this report were analyzed for the parameter(s) listed on the analytical methods summary page in accordance with the method(s) indicated. A summary of QC data for these analyses is included at the back of the report.

TestAmerica North Canton attests to the validity of the laboratory data generated by TestAmerica facilities reported herein. All analyses performed by TestAmerica facilities were done using established laboratory SOPs that incorporate QA/QC procedures described in the applicable methods. TestAmerica's operations groups have reviewed the data for compliance with the laboratory QA/QC plan, and data have been found to be compliant with laboratory protocols unless otherwise noted below.

All solid sample results are reported on an "as received" basis unless otherwise indicated by a dry weight adjustment footnote at the bottom of the analytical report page. The list of parameters which are never reported on a dry weight basis is included on the Sample Summary.

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory. This laboratory report is confidential and is intended for the sole use of TestAmerica and its client.

All parameters were evaluated to the reporting limit.

Please refer to the Quality Control Elements Narrative following this case narrative for additional quality control information.

If you have any questions, please call the Project Manager, Kris M. Brooks, at 330-497-9396.

This report is sequentially paginated. The final page of the report is labeled as "END OF REPORT."

CASE NARRATIVE (continued)

SUPPLEMENTAL QC INFORMATION

SAMPLE RECEIVING

The temperature of the cooler upon sample receipt was 2.9°C.

POLYCHLORINATED BIPHENYLS-8082

The matrix spike/matrix spike duplicate(s) for batch(es) 1014019 had RPD's and recoveries outside acceptance limits. However, since the associated method blank(s) and laboratory control sample(s) were in control, no corrective action was necessary.

GENERAL CHEMISTRY

The analytical results met the requirements of the laboratory's QA/QC program.

QUALITY CONTROL ELEMENTS NARRATIVE

TestAmerica conducts a quality assurance/quality control (QA/QC) program designed to provide scientifically valid and legally defensible data. Toward this end, several types of quality control indicators are incorporated into the QA/QC program, which is described in detail in QA Policy, QA-003. These indicators are introduced into the sample testing process to provide a mechanism for the assessment of the analytical data. Program or agency specific requirements take precedence over the requirements listed in this narrative.

QC BATCH

Environmental samples are taken through the testing process in groups called QUALITY CONTROL BATCHES (QC batches). A QC batch contains up to twenty environmental samples of a similar matrix (water, soil) that are processed using the same reagents and standards. TestAmerica North Canton requires that each environmental sample be associated with a QC batch.

Several quality control samples are included in each QC batch and are processed identically to the twenty environmental samples.

For SW846/RCRA methods, QC samples include a METHOD BLANK (MB), a LABORATORY CONTROL SAMPLE (LCS) and, where appropriate, a MATRIX SPIKE/MATRIX SPIKE DUPLICATE (MS/MSD) pair or a MATRIX SPIKE/SAMPLE DUPLICATE (MS/DU) pair. If there is insufficient sample to perform an MS/MSD or an MS/DU, then a LABORATORY CONTROL SAMPLE DUPLICATE (LCSD) is included in the QC batch.

For 600 series/CWA methods, QC samples include a METHOD BLANK (MB), a LABORATORY CONTROL SAMPLE (LCS) and, where appropriate, a MATRIX SPIKE (MS). An MS is prepared and analyzed at a 10% frequency for GC Methods and at a 5% frequency for GC/MS methods.

LABORATORY CONTROL SAMPLE

The Laboratory Control Sample is a QC sample that is created by adding known concentrations of a full or partial set of target analytes to a matrix similar to that of the environmental samples in the QC batch. Multi peak responders may not be included in the target spike list due to co-elution. The LCS analyte recovery results are used to monitor the analytical process and provide evidence that the laboratory is performing the method within acceptable guidelines. All control analytes indicated by a bold type in the LCS must meet acceptance criteria. Failure to meet the established recovery guidelines requires the repreparation and reanalysis of all samples in the QC batch. Comparison of only the failed parameters from the first batch are evaluated. The only exception to the rework requirement is that if the LCS recoveries are biased high and the associated sample is ND (non-detected) for the parameter(s) of interest, the batch is acceptable.

At times, a Laboratory Control Sample Duplicate (LCSD) is also included in the QC batch. An LCSD is a QC sample that is created and handled identically to the LCS. Analyte recovery data from the LCSD is assessed in the same way as that of the LCS. The LCSD recoveries, together with the LCS recoveries, are used to determine the reproducibility (precision) of the analytical system. Precision data are expressed as relative percent differences (RPDs). If the RPD fails for an LCS/LCSD and yet the recoveries are within acceptance criteria, the batch is still acceptable.

METHOD BLANK

The Method Blank is a QC sample consisting of all the reagents used in analyzing the environmental samples contained in the QC batch. Method Blank results are used to determine if interference or contamination in the analytical system could lead to the reporting of false positive data or elevated analyte concentrations. All target analytes must be below the reporting limits (RL) or the associated sample(s) must be ND except under the following circumstances:

- Common organic contaminants may be present at concentrations up to 5 times the reporting limits. Common metals contaminants may be present at concentrations up to 2 times the reporting limit, or the reported blank concentration must be twenty fold less than the concentration reported in the associated environmental samples. (See common laboratory contaminants listed in the table.)

Volatile (GC or GC/MS)	Semivolatile (GC/MS)	Metals ICP-MS	Metals ICP Trace
Methylene Chloride, Acetone, 2-Butanone	Phthalate Esters	Copper, Iron, Zinc, Lead, Calcium, Magnesium, Potassium, Sodium, Barium, Chromium, Manganese	Copper, Iron, Zinc, Lead

- Organic blanks will be accepted if compounds detected in the blank are present in the associated samples at levels 10 times the blank level. Inorganic blanks will be accepted if elements detected in the blank are present in the associated samples at 20 times the blank level.
- Blanks will be accepted if the compounds/elements detected are not present in any of the associated environmental samples.

Failure to meet these Method Blank criteria requires the repreparation and reanalysis of all samples in the QC batch.

MATRIX SPIKE/MATRIX SPIKE DUPLICATE

A Matrix Spike and a Matrix Spike Duplicate are a pair of environmental samples to which known concentrations of a full or partial set of target analytes are added. The MS/MSD results are determined in the same manner as the results of the environmental sample used to prepare the MS/MSD. The analyte recoveries and the relative percent differences (RPDs) of the recoveries are calculated and used to evaluate the effect of the sample matrix on the analytical results. Due to the potential variability of the matrix of each sample, the MS/MSD results may not have an immediate bearing on any samples except the one spiked; therefore, the associated batch MS/MSD may not reflect the same compounds as the samples contained in the analytical report. When these MS/MSD results fail to meet acceptance criteria, the data is evaluated. If the LCS is within acceptance criteria, the batch is considered acceptable.

For certain methods, a Matrix Spike/Sample Duplicate (MS/DU) may be included in the QC batch in place of the MS/MSD. For the parameters (i.e. pH, ignitability) where it is not possible to prepare a spiked sample, a Sample Duplicate may be included in the QC batch. However, a Sample Duplicate is less likely to provide usable precision statistics depending on the likelihood of finding concentrations below the standard reporting limit. When the Sample Duplicate result fails to meet acceptance criteria, the data is evaluated.

For certain methods (600 series methods/CWA), a Matrix Spike is required in place of a Matrix Spike/Matrix Spike Duplicate (MS/MSD) or Matrix Spike/Sample Duplicate (MS/DU).

The acceptance criteria do not apply to samples that are diluted.

SURROGATE COMPOUNDS

In addition to these batch-related QC indicators, each organic environmental and QC sample is spiked with surrogate compounds. Surrogates are organic chemicals that behave similarly to the analytes of interest and that are rarely present in the environment. Surrogate recoveries are used to monitor the individual performance of a sample in the analytical system.

If surrogate recoveries are biased high in the LCS, LCSD, or the Method Blank, and the associated sample(s) are ND, the batch is acceptable. Otherwise, if the LCS, LCSD, or Method Blank surrogate(s) fail to meet recovery criteria, the entire sample batch is reprepared and reanalyzed. If the surrogate recoveries are outside criteria for environmental samples, the samples will be reprepared and reanalyzed unless there is objective evidence of matrix interference or if the sample dilution is greater than the threshold outlined in the associated method SOP.

The acceptance criteria do not apply to samples that are diluted. All other surrogate recoveries will be reported.

For the GC/MS BNA methods, the surrogate criterion is that two of the three surrogates for each fraction must meet acceptance criteria. The third surrogate must have a recovery of ten percent or greater.

For the Pesticide and PCB methods, the surrogate criterion is that one of two surrogate compounds must meet acceptance criteria. The second surrogate must have a recovery of 10% or greater.

TestAmerica Certifications and Approvals:

The laboratory is certified for the analytes listed on the documents below. These are available upon request.

California (#01144CA), Connecticut (#PH-0590), Florida (#E87225),
Illinois (#200004), Kansas (#E10336), Minnesota (#39-999-348), New Jersey (#OH001), New York (#10975), Nevada (#OH-000482008A), OhioVAP (#CL0024), Pennsylvania (#008), West Virginia (#210), Wisconsin (#999518190),NAVY, ARMY, USDA Soil Permit

EXECUTIVE SUMMARY - Detection Highlights

A1A130416

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
IUA0636-01 01/06/11 12:37 001				
Percent Solids	90.0	10.0	%	MCAWW 160.3 MOD
IUA0636-02 01/06/11 14:07 002				
Percent Solids	93.4	10.0	%	MCAWW 160.3 MOD

ANALYTICAL METHODS SUMMARY

A1A130416

PARAMETER	ANALYTICAL METHOD
PCBs by SW-846 8082	SW846 8082
Total Residue as Percent Solids	MCAWW 160.3 MOD

References:

MCAWW "Methods for Chemical Analysis of Water and Wastes", EPA-600/4-79-020, March 1983 and subsequent revisions.

SW846 "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 and its updates.

SAMPLE SUMMARY

A1A130416

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
MC97F	001	IUA0636-01	01/06/11	12:37
MC97K	002	IUA0636-02	01/06/11	14:07

NOTE(S):

- The analytical results of the samples listed above are presented on the following pages.
- All calculations are performed before rounding to avoid round-off errors in calculated results.
- Results noted as "ND" were not detected at or above the stated limit.
- This report must not be reproduced, except in full, without the written approval of the laboratory.
- Results for the following parameters are never reported on a dry weight basis: color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filter test, pH, porosity pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight.

TestAmerica Irvine

Client Sample ID: IUA0636-01

GC Semivolatiles

Lot-Sample #...: A1A130416-001 **Work Order #...:** MC97F1AC **Matrix.....:** SO
Date Sampled...: 01/06/11 12:37 **Date Received..:** 01/13/11
Prep Date.....: 01/14/11 **Analysis Date..:** 01/17/11
Prep Batch #...: 1014019
Dilution Factor: 1
% Moisture.....: 10 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS
PCB-1016	ND	33	ug/kg
PCB-1221	ND	33	ug/kg
PCB-1232	ND	33	ug/kg
PCB-1242	ND	33	ug/kg
PCB-1248	ND	33	ug/kg
PCB-1254	ND	33	ug/kg
PCB-1260	ND	33	ug/kg

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	87	(10 - 196)
Decachlorobiphenyl	89	(10 - 199)

TestAmerica Irvine

Client Sample ID: IUA0636-01

General Chemistry

Lot-Sample #...: A1A130416-001 Work Order #...: MC97F Matrix.....: SO
Date Sampled...: 01/06/11 12:37 Date Received..: 01/13/11
% Moisture.....: 10

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	90.0	10.0	%	MCAWW 160.3 MOD	01/14-01/17/11	1014191

Dilution Factor: 1

TestAmerica Irvine

Client Sample ID: IUA0636-02

GC Semivolatiles

Lot-Sample #...:	A1A130416-002	**Work Order #...:**	MC97K1AC	**Matrix.....:**	SO
Date Sampled...:	01/06/11 14:07	**Date Received..:**	01/13/11		
Prep Date.....:	01/14/11	**Analysis Date..:**	01/17/11		
Prep Batch #...:	1014019				
Dilution Factor:	1				
% Moisture.....:	6.6	**Method.....:**	SW846 8082		

PARAMETER	RESULT	REPORTING LIMIT	UNITS
PCB-1016	ND	33	ug/kg
PCB-1221	ND	33	ug/kg
PCB-1232	ND	33	ug/kg
PCB-1242	ND	33	ug/kg
PCB-1248	ND	33	ug/kg
PCB-1254	ND	33	ug/kg
PCB-1260	ND	33	ug/kg

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	86	(10 - 196)
Decachlorobiphenyl	86	(10 - 199)

TestAmerica Irvine

Client Sample ID: IUA0636-02

General Chemistry

Lot-Sample #...: A1A130416-002 Work Order #...: MC97K Matrix.....: SO
Date Sampled...: 01/06/11 14:07 Date Received..: 01/13/11
% Moisture.....: 6.6

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	93.4	10.0	%	MCAWW 160.3 MOD	01/14-01/17/11	1014191

Dilution Factor: 1

TestAmerica
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QUALITY CONTROL SECTION

METHOD BLANK REPORT

GC Semivolatiles

Client Lot #...: A1A130416 **Work Order #...:** MDA251AA **Matrix.....:** SOLID
MB Lot-Sample #: A1A140000-019

Prep Date.....: 01/14/11
Analysis Date..: 01/17/11 **Prep Batch #...:** 1014019
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
PCB-1016	ND	33	ug/kg	SW846 8082
PCB-1221	ND	33	ug/kg	SW846 8082
PCB-1232	ND	33	ug/kg	SW846 8082
PCB-1242	ND	33	ug/kg	SW846 8082
PCB-1248	ND	33	ug/kg	SW846 8082
PCB-1254	ND	33	ug/kg	SW846 8082
PCB-1260	ND	33	ug/kg	SW846 8082

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	87	(10 - 196)
Decachlorobiphenyl	84	(10 - 199)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

METHOD BLANK REPORT

General Chemistry

Client Lot #...: A1A130416 **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids		Work Order #: MDCTX1AA		MB Lot-Sample #:	A1A140000-191	
	ND	10.0	%	MCAWW 160.3 MOD	01/14-01/17/11	1014191
		Dilution Factor: 1				

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...: A1A130416 **Work Order #...:** MDA251AC **Matrix.....:** SOLID
LCS Lot-Sample#: A1A140000-019
Prep Date.....: 01/14/11 **Analysis Date..:** 01/17/11
Prep Batch #...: 1014019
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
PCB-1016	**96**	**(34 - 127)**	**SW846 8082**
PCB-1260	**95**	**(32 - 141)**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	99	(10 - 196)
Decachlorobiphenyl	97	(10 - 199)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...: A1A130416 **Work Order #...:** MDAGG1AD-MS **Matrix.....:** SOLID
MS Lot-Sample #: A1A130455-001 MDAGG1AE-MSD
Date Sampled...: 01/12/11 09:35 **Date Received..:** 01/13/11
Prep Date.....: 01/14/11 **Analysis Date..:** 01/17/11
Prep Batch #...: 1014019
Dilution Factor: 20 **% Moisture.....:** 14

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
PCB-1016	**457 DIL,a**	**(10 - 199)**			**SW846 8082**
	824	**(10 - 199)**	**57**	**(0-30)**	**SW846 8082**
	Qualifiers: DIL,a,p				
PCB-1260	**129 DIL**	**(10 - 199)**			**SW846 8082**
	160 DIL	**(10 - 199)**	**10**	**(0-30)**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	104 DIL	(10 - 196)
	107 DIL	(10 - 196)
Decachlorobiphenyl	98 DIL	(10 - 199)
	91 DIL	(10 - 199)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.

a Spiked analyte recovery is outside stated control limits.

p Relative percent difference (RPD) is outside stated control limits.

Results and reporting limits have been adjusted for dry weight.

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: A1A130416 **Work Order #...:** MC897-SMP MC897-DUP **Matrix.....:** SOLID

Date Sampled...: 01/11/11 16:00 **Date Received..:** 01/12/11

% Moisture.....: 7.9

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids						SD Lot-Sample #: A1A120445-013		
	92.1	90.2	%	2.1	(0-20)	MCAWW 160.3 MOD	01/14-01/17/11	1014191

Dilution Factor: 1

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: A1A130416 **Work Order #...:** MC9H6-SMP MC9H6-DUP **Matrix.....:** SOLID

Date Sampled...: 01/10/11 16:00 **Date Received..:** 01/12/11

% Moisture.....: 38

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids						SD Lot-Sample #: A1A120485-004		
	62.4	65.8	%	5.2	(0-20)	MCAWW 160.3 MOD	01/14-01/17/11	1014191

Dilution Factor: 1

TestAmerica Irvine

IUA0636

SENDING LABORATORY:

TestAmerica Irvine
17461 Derian Avenue. Suite 100
Irvine, CA 92614
Phone: (949) 261-1022
Fax: (949) 260-3297
Project Manager: Amy Harris
Client: Golder Associates - Irvine

RECEIVING LABORATORY:

TestAmerica North Canton
4101 Shuffel Drive NW
North Canton, OH 44720
Phone :(330) 497-9396
Fax: (330) 497-0772
Project Location: California
Receipt Temperature: 2-9 °C Ice: (Y) / N

Analysis	Units	Due	Expires	Interlab Price	Surch	Comments
Sample ID: IUA0636-01 (B4-B-9 - Soil)			Sampled: 01/06/11 12:37			
8082 - PCBs	ug/kg	01/12/11	01/20/11 12:37	$55.00	20%	Sub out Soxhlet Extraction per Ford
Containers Supplied:						
02oz (1)						
Sample ID: IUA0636-02 (B2-B-9 - Soil)			Sampled: 01/06/11 14:07			
8082 - PCBs	ug/kg	01/12/11	01/20/11 14:07	$55.00	20%	Sub out Soxhlet Extraction per Ford
Containers Supplied:						
02oz (1)						

Released By	1/12/11 17:00 Date/Time	FedEx Received By	1/12/11 17:00 Date/Time
Released By	Date/Time	Received By	1/13/11 9:46 Date/Time

Work Sharing Agreement

Exporting Lab	TestAmerica Irvine
Project Name	Golder - Ford Downey

Import Lab Information

Lab Name	Test America North Canton
PM Contact Name	Alesia Danford
Backup Contact Name	

Export Lab Information

PM Contact Name	SUSHMITHA REDDY
Backup Contact Name	PHILIP SANELLE
Agreement Date	1/12/2011

Pricing Information

QA/QC (i.e. MS/MSD) Billable?	No
Raw Data Surcharge	0 %
EDD Surcharge	0 %
TAT Surcharges	0 %
Penalty Terms	None
Other Charges Not in Unit Price? (i.e. canisters, regulators, shipping, bottles)	[redacted]

Project Information

Client Company Name	Golder Associates Irvine - Ford Downey
Date First Samples to Arrive	1/13/2011
Est. Duration of Sampling Event	NA
Quote or Contract Reference ID	IUA0636

Project Details

Non-Standard Work Product	No
Quality Assurance Plan	No
Certifications	Ford Approved Lab only
Analyte/Cmpd List with RLs Attached	No
Results Dry Weight Corrected	No
Special Method Holding Times	None
Internal Chain of Custody Required	No
Known Hazards/High Analyte Level	No
Saturday/Special Delivery Options	None
Special Instructions	Yes-See Attached
Reporting Limit Convention	

[redacted]

Deliverable Requirements

Preliminary Report	No
Final Report	Yes
EDD	Yes
	No
Custom Forms	No

Transmittal medium	Format Column	TAT
		5 day
		5 day
Email	Element Transfer File	
NA	NA	
NA	NA	

Import and Export Lab Agreement

Analysis	Method	Matrix	# of Samples	Import Lab's Unit Price	Unit Price w/Surcharges	Extended Price
PCBs	8082	Soil	2	$ 55.00	$ 55.00	$ 110.00
					$ -	$ -
					$ -	$ -
					$ -	$ -
					$ -	$ -
					$ -	$ -
					$ -	$ -
					$ -	$ -
					$ -	$ -
					$ -	$ -
				Approximate Total Project Value		$ 110.00

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

CHAIN OF CUSTODY FORM

17461 Derian Ave., #100, Irvine, CA 92614 (949) 261-1022 FAX (949) 260-3297
1014 E. Cooley Dr., Suite A, Colton, CA 92324 (909) 370-4667 FAX (909) 370-1046
9830 South 51st St., Suite B-120, Phoenix, AZ 85044 (480) 785-0043 FAX (480) 785-0851
2820 E. Sunset Rd. #3, Las Vegas, NV 89120 (702) 798-3620 FAX (702) 798-3621

TAL-0013(1007)

IVA0636 Page 1 of 2

Client Name/Address:	Project/PO Number:
Golder Associates Inc 230 Commerce Ste200 Irvine CA 92602	093-91993-03
Project Manager: Misty Vasquez	**Phone Number:** 714-508-4400
Sampler: MB	**Fax Number:** 714 508-4401

Sample Description	Sample Matrix	Container Type	# of Cont.	Sampling Date	Sampling Time	Preservatives	TPH - DRO/ORO (8015B EPA)	VOC's (EPA Method: 8260)	TITLE METALS (EPA 6010B)	PCB's (EPA Method 8082)	Special Instructions
B4-B-9	Soil	glass jar	1	1/6/11	1237	none	✓				
B4-B-9	Soil	glass VOA	6		1237	H2O Methanol	→			→	hold
B2-B-9	Soil	JAR	1		1407	NONE	✓				
B2-B-9	Soil	VOA	6		1407	H2O Methanol	→			→	hold
D8-1	Soil	Jar	1		1422	NONE	✓				
D-5-1	Soil	VOA	6		1422	H2O Methanol	→			→	hold
~~B1-B-10~~	~~Soil~~	~~Jar~~	~~1~~								
~~B1-B-10~~	~~Soil~~	~~VOA~~	~~6~~								
											DO 01/07/11 10:00

Relinquished By:	Date/Time:	Received By:	Date/Time:
Mary Beckworth	1/6/11 1525		1-6-11 1525
Relinquished By:	Date/Time:	Received By:	Date/Time:
	1-6-11 1700		
Relinquished By:	Date/Time:	Received In Lab By:	Date/Time:
			1/6/11 1700

Turnaround Time: (Check)
same day ____ 72 hours ____
24 hours ____ 5 days ✓
48 hours ____ normal ____

Sample Integrity: (Check)
Intact ✓ on Ice ✓ 2-15

Note: By relinquishing samples to TestAmerica, client agrees to pay for the services requested on this chain of custody form and any additional analyses performed on this project. Payment for services is due within 30 days from the date of invoice. Sample(s) will be disposed of after 30 days.

#OUA110

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

CHAIN OF CUSTODY FORM

17461 Derian Ave., #100, Irvine, CA 92614 (949) 261-1022 FAX (949) 260-3297
1014 E. Cooley Dr., Suite A, Colton, CA 92324 (909) 370-4667 FAX (909) 370-1046
9830 South 51st St., Suite B-120, Phoenix, AZ 85044 (480) 785-0043 FAX (480) 785-0851
2620 E. Sunset Rd. #3, Las Vegas, NV 89120 (702) 798-3620 FAX (702) 798-3621

TAL-0013(1007)

Client Name/Address: Golder Associates Inc 230 ~~Test~~ Commerce, Ste 200 Irvine CA 92602

Project Manager: Misty Vasquez

Sampler: MB

Project/PO Number: 093-91993 -02

Phone Number: 714-508-4400

Fax Number: 714-508-4401

Analysis Required

Sample Description	Sample Matrix	Container Type	# of Cont.	Sampling Date	Sampling Time	Preservatives	TPH-DRO/GRO (8015B EPA)	VOC (EPA Method 8260B)	Title 22 Metals (EPA 6010B)	PCBs (EPA Method 8082)	Special Instructions
B1-B-10	Soil	Jar	1	1/6/11	1450	N/A	X				
B1-B-10	Soil	VOA	6	1/6/11	1450	H2O Methanol	X				H060

Relinquished By:	Date/Time:	Received By:	Date/Time:	Turnaround Time: (Check)	
Mary Beaudoin	1/6/11 15:25	[illegible]	1-6-11 15:25	same day ____	72 hours ____
Relinquished By:	Date/Time:	Received By:	Date/Time:	24 hours ____	5 days ✓
[illegible]	1-6-11 1700			48 hours ____	normal ____
Relinquished By:	Date/Time:	Received In Lab By:	Date/Time:	Sample Integrity: (Check)	
				Intact ✓	on ice ✓ 2.5°

Note: By relinquishing samples to TestAmerica, client agrees to pay for the services requested on this chain of custody form and any additional analyses performed on this project. Payment for services is due within 30 days from the date of invoice. Sample(s) will be disposed of after 30 days.

TestAmerica Cooler Receipt Form/Narrative **Lot Number:** A1A130411
North Canton Facility

Client TA IRVINE Project LUA0636 By: _____
Cooler Received on 1-13-11 Opened on 1-13-11 (Signature)
FedEx ☑ UPS ☐ DHL ☐ FAS ☐ Stetson ☐ Client Drop Off ☐ TestAmerica Courier ☐ Other _____
TestAmerica Cooler # _____ Multiple Coolers ☐ Foam Box ☐ Client Cooler ☐ Other _____

1. Were custody seals on the outside of the cooler(s)? Yes ☑ No ☐ Intact? Yes ☑ No ☐ NA ☐
   If YES, Quantity 1 Quantity Unsalvageable _____
   Were custody seals on the outside of cooler(s) signed and dated? Yes ☑ No ☐ NA ☐
   Were custody seals on the bottle(s)? Yes ☐ No ☑
   If YES, are there any exceptions? _____
2. Shippers' packing slip attached to the cooler(s)? Yes ☑ No ☐
3. Did custody papers accompany the sample(s)? Yes ☑ No ☐ Relinquished by client? Yes ☑ No ☐
4. Were the custody papers signed in the appropriate place? Yes ☑ No ☐
5. Packing material used: Bubble Wrap ☑ Foam ☐ None ☐ Other _____
6. Cooler temperature upon receipt 2.9 °C See back of form for multiple coolers/temps ☐
   METHOD: IR ☑ Other ☐ _____
   COOLANT: Wet Ice ☑ Blue Ice ☐ Dry Ice ☐ Water ☐ None ☐
7. Did all bottles arrive in good condition (Unbroken)? Yes ☑ No ☐
8. Could all bottle labels be reconciled with the COC? Yes ☑ No ☐
9. Were sample(s) at the correct pH upon receipt? Yes ☐ No ☐ NA ☑
10. Were correct bottle(s) used for the test(s) indicated? Yes ☑ No ☐
11. Were air bubbles >6 mm in any VOA vials? Yes ☐ No ☐ NA ☑
12. Sufficient quantity received to perform indicated analyses? Yes ☑ No ☐
13. Was a trip blank present in the cooler(s)? Yes ☐ No ☑ Were VOAs on the COC? Yes ☐ No ☑

Contacted PM _____ Date _____ by _____ via Verbal ☐ Voice Mail ☐ Other ☐
Concerning _____

14. CHAIN OF CUSTODY

The following discrepancies occurred:

15. SAMPLE CONDITION

Sample(s) _____ were received after the recommended holding time had expired.
Sample(s) _____ were received in a broken container.
Sample(s) _____ were received with bubble >6 mm in diameter. (Notify PM)

16. SAMPLE PRESERVATION

Sample(s) _____ were further preserved in Sample Receiving to meet recommended pH level(s). *Nitric Acid Lot#* 100110-HNO_3; *Sulfuric Acid Lot#* 110410-H_2SO_4; *Sodium Hydroxide Lot#* 100108 -*NaOH; Hydrochloric Acid Lot#* 092006-*HCl; Sodium Hydroxide and Zinc Acetate Lot#* 100108-$(CH_3COO)_2ZN$/*NaOH*. What time was preservative added to sample(s)? _____

Client ID	pH	Date	Initials

TestAmerica Cooler Receipt Form/Narrative
North Canton Facility

Client ID	pH	Date	Initials

Cooler #	Temp. °C	Method	Coolant

Discrepancies Cont'd...

TestAmerica
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END OF REPORT

enovis™

February 16, 2011

Misty Vazquez
Golder Associates Inc.
230 Commerce, Suite 200
Irvine, CA US 92602

Enovis project ID: E202005
Project: Star LM Lift Removal
Project number: 093-91993-02
Laboratory: TestAmerica - Irvine
Laboratory submittal: IUA0751
Sample date: 2011-01-07
Report received by Enovis: 2011-02-15
Initial Data Verification completed by Enovis: 2011-02-16

Data verification for the report specified above was completed using the Ford Motor Company Environmental Laboratory Technical Specification, the Enovis Standard Operating Procedure for the Verification of Environmental Analytical Data and the associated analytical methods as references for evaluating the batch QC, sample data and report content. The EPA National Functional Guidelines for validating organic and inorganic data were used as guidance when addressing out of control QC results and the associated data qualifiers.

12 soil sample, 3 solid samples, and 2 product samples were analyzed for GCMS VOC, GC/MS SVOC, PCB, GC VOC and Metals parameter(s).

Sample/MS/MSD Surrogate Recovery, Blank/LCS Surrogate Recovery, LCS/LCD Recovery, LCS/LCD RPD, MS/MSD Recovery, MS/MSD RPD, Blank Contamination and Hold Time Exception were reviewed as part of our verification.

The following significant QC anomalies were identified during verification of the analytical report:

GC/MS SVOC surrogate recoveries for client sample C-2 were outside of laboratory control limits biased low and less than 10% for at least one acid fraction surrogate. The client sample C-2 4-Chloro-3-methylphenol, 2-Chlorophenol, 2,4-Dichlorophenol, 2,4-Dimethylphenol, 4,6-Dinitro-2-methylphenol, 2,4-Dinitrophenol, 2-Methylphenol, 4-Methylphenol, 2-Nitrophenol, 4-Nitrophenol, Pentachlorophenol, Phenol, 2,4,5-Trichlorophenol and 2,4,6-Trichlorophenol results should be considered unusable and qualified with an R flag.

GC/MS SVOC MS/MSD recoveries performed on client sample C-3 were outside of laboratory control limits biased low and less than 10% for benzoic acid and 2,4-dinitrophenol. Client sample C-3 results for these analytes should be considered unusable and qualified with an R flag.

The following minor QC exceptions or missing information were noted:

The laboratory report identified a Trip Blank sample; however, results were not reported for a Trip Blank and a Trip Blank was not identified on the Chain of Custody.

Reporting limits were elevated due to dilutions required to either overcome sample matrix interference or quantitate targte analytes for the client sample PG-1, B23-BE-11, B23-BW-11 and B24-BW-11 DRO/ORO results.

DRO/ORO surrogates were diluted and not considered reliable for client samples PG-1, B23-BE-11, B23-BW-11 and B24-BW-11. The surrogate recovery results were not used to qualify the client sample PG-1, B23-BE-11, B23-BW-11 and B24-BW-11 DRO/ORO results.

Reporting limits were elevated due to dilutions required to overcome sample matrix interference for the client sample PG-1 BTEX results.

The laboratory noted that the GC/MS VOC internal standards were outside of the laboratory control limits for client sample B25-BW-13. Therefore, client sample B25-BW-13 results for Bromobenzene, n-Butylbenzene, sec-Butylbenzene, tert-Butylbenzene, 2-Chlorotoluene, 4-Chlorotoluene, 1,2-Dibromo-3-chloropropane, 1,2-Dichlorobenzene, 1,3-Dichlorobenzene, 1,4-Dichlorobenzene, Hexachlorobutadiene, Isopropylbenzene, p-Isopropyltoluene, Naphthalenen-Propylbenzene, 1,1,2,2-Tetrachloroethane, 1,2,3-Trichlorobenzene, 1,2,4-Trichlorobenzene, 1,2,3-Trichloropropane, 1,2,4-Trimethylbenzene and 1,3,5-Trimethylbenzene should be considered estimated and qualified with a UJ flag.

Reporting limits were elevated due to dilutions required to either overcome sample matrix interference or quantitate target analytes for the client sample C-2 GC/MS SVOC results.

PCB surrogate recovery for client sample PG-1 was outside of laboratory control limits biased how for the single reported surrogate. Client sample PG-1 PCB results should be considered estimated and qualified with a UJ flag.

DRO/ORO MS/MSD recoveries performed on client sample B25-BW-13 were outside of laboratory control limits biased low. Client sample B25-BW-13 DRO/ORO results should be considered estimated and qualified with a J flag.

GC/MS VOC MS/MSD outliers for QC batch 11A1609 were not performed on a sample from this submittal. Qualification of the client sample results is not required based on these sample matrix specific QC outliers.

GC/MS SVOC MS recoveries performed on client sample C-3 were outside of laboratory control limits biased low for 4,6-dinitro-2-methylphenol and pentachlorophenol. The MS/MSD RPD's were also outside of laboratory control limits for pentachlorophenol. The client sample C-3 pentachlorophenol result should be considered estimated and qualified with a UJ flag. The 4,6-dinitro-2-methylphenol outlier did not translate into qualification of the client sample results.

Total Metals and Mercury MS/MSD outliers were not performed on a sample from this submittal. Qualification of the client sample results is not required based on these sample-matrix specific QC outliers.

There were discrepancies between the requested analyses and sample ID's on the Chain of Custody and those that were reported. The laboratory was contacted regarding these discrepancies. Per an email from the laboratory, the client added VOC analysis to some of the client samples and changed the sample ID for B28-BW-9.5 to B28-BW-13.

The definitions of the qualifiers used for this data package are defined in the analytical report. Enovis valid qualifiers are defined in the table below. To view and download a PDF copy of the laboratory's analytical report access the Enovis CLMS at http://enovis-inc.com/enovis53/index.cfm.

Please contact me if you have any questions.

Sincerely,

DeAnn Rakoczy, Project Scientist

22226 Garrison, Dearborn MI 48124 (313) 871-5800

Enovis Valid Qualifiers

Valid Qualifiers	Description
<	Less than the reported concentration.
>	Greater than the reported concentration.
B	The analyte / compound was detected in the associated blank. For Organic methods the sample concentration was greater than the RDL and less than 5x (or 10x for common lab contaminates) the blank concentration and is considered non-detect at the reported concentration. For Inorganic methods the sample concentration was greater than the RDL and less than 10x the blank concentration and is considered non-detect at the reported concentration.
E	The analyte / Compound reported exceeds the calibration range and is considered estimated.
EMPC	Estimated Minimum Potential Contamination - Dioxin/Furan analyses only.
J	Indicates an estimated value. This flag is used either when estimating a concentration for a tentatively identified compound or when the data indicates the presence of an analyte / compound but the result is less than the sample Quantitation limit, but greater than zero. The flag is also used in data validation to indicate a reported value should be considered estimated due to associated quality assurance deficiencies.
JH	The sample result is considered estimated and is potentially biased high.
JL	The sample result is considered estimated and is potentially biased low.
NJ	Tentatively identified compound with approximated concentration.
R	Indicates the value is considered to be unusable. (Note: The analyte / compound may or may not be present.)
TNTC	Too Numerous to Count - Asbestos and Microbiological Results.
U	Indicates that the analyte / compound was analyzed for, but not detected.
UB	The analyte / compound was detected in the associated blank. For Organic methods the sample concentration was less than the RDL and less than 5x (or 10x for common lab contaminates) the blank concentration and is considered non-detect at the RDL. For Inorganic methods the sample concentration was less than the RDL and less than 10x the blank concentration and is considered non-detect at the RDL.
UJ	The analyte / compound was not detected above the reported sample Quantitation limit. However, the Quantitation limit is considered to be approximate due to associated quality assurance results and may or may not represent the actual limit of Quantitation to accurately and precisely report the analyte in the sample.

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
17461 Derian Avenue. Suite 100, Irvine, CA 92614 (949) 261-1022 Fax:(949) 260-3297

LABORATORY REPORT

Prepared For: Golder Associates - Irvine
230 Commerce, Suite 200
Irvine, CA 92602
Attention: Misty Vazquez

Project: Ford Glendale (Star Lm)
093-91993-02

Sampled: 01/07/11
Received: 01/07/11
Issued: 02/11/11 14:17

NELAP #01108CA California ELAP#2706 CSDLAC #10256 AZ #AZ0671 NV #CA01531

SAMPLE CROSS REFERENCE

ADDITIONAL INFORMATION: The report is reissued with TCLP results.

LABORATORY ID	CLIENT ID	MATRIX
IUA0751-01	PG-1	Soil
IUA0751-02	C-3	Solid
IUA0751-03	B25-BE-13	Soil
IUA0751-04	B27-BW-2	Soil
IUA0751-05	B26-B-10	Soil
IUA0751-06	B27-BE-9.5	Soil
IUA0751-07	B28-BW-13	Soil
IUA0751-08	B28-BE-9.5	Soil
IUA0751-09	B23-BE-11	Soil
IUA0751-10	F-D-1	Product
IUA0751-11	B23-BW-11	Soil
IUA0751-12	A-D-1	Product
IUA0751-13	B24-BW-11	Soil
IUA0751-14	C-1	Solid
IUA0751-15	B24-BE-14	Soil
IUA0751-16	B25-BW-13	Soil
IUA0751-17	C-2	Solid
IUA0751-18	TRIP BLANKS	Soil

Reviewed By:

Sushmitha Reddy

TestAmerica Irvine

Sushmitha Reddy For Amy Harris
Project Manager

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
17461 Derian Avenue, Suite 100, Irvine, CA 92614 (949) 261-1022 Fax:(949) 260-3297

Golder Associates - Irvine
230 Commerce, Suite 200
Irvine, CA 92602
Attention: Misty Vazquez

Project ID: Ford Glendale (Star Lm)
093-91993-02
Report Number: IUA0751

Sampled: 01/07/11
Received: 01/07/11

EXTRACTABLE FUEL HYDROCARBONS (CADHS/8015B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IUA0751-01 (PG-1 - Soil)					**Sampled: 01/07/11**			
Reporting Units: mg/kg								
DRO (C10-C22)	EPA 8015B	11A1025	1000	6600	199	1/11/2011	1/11/2011	
ORO (C18-C40)	EPA 8015B	11A1025	1000	19000	199	1/11/2011	1/11/2011	
Surrogate: n-Octacosane (40-140%)				*1580 %*				*Z3*
Sample ID: IUA0751-03 (B25-BE-13 - Soil)					**Sampled: 01/07/11**			
Reporting Units: mg/kg								
DRO (C10-C22)	EPA 8015B	11A1025	5.0	ND	1	1/11/2011	1/11/2011	
ORO (C18-C40)	EPA 8015B	11A1025	5.0	ND	1	1/11/2011	1/11/2011	
Surrogate: n-Octacosane (40-140%)				*91 %*				
Sample ID: IUA0751-04 (B27-BW-2 - Soil)					**Sampled: 01/07/11**			
Reporting Units: mg/kg								
DRO (C10-C22)	EPA 8015B	11A1025	5.0	28	1	1/11/2011	1/11/2011	
ORO (C18-C40)	EPA 8015B	11A1025	5.0	39	1	1/11/2011	1/11/2011	
Surrogate: n-Octacosane (40-140%)				*100 %*				
Sample ID: IUA0751-05 (B26-B-10 - Soil)					**Sampled: 01/07/11**			
Reporting Units: mg/kg								
DRO (C10-C22)	EPA 8015B	11A1025	5.0	ND	1	1/11/2011	1/11/2011	
ORO (C18-C40)	EPA 8015B	11A1025	5.0	ND	1	1/11/2011	1/11/2011	
Surrogate: n-Octacosane (40-140%)				*97 %*				
Sample ID: IUA0751-06 (B27-BE-9.5 - Soil)					**Sampled: 01/07/11**			
Reporting Units: mg/kg								
DRO (C10-C22)	EPA 8015B	11A1025	9.9	ND	1.99	1/11/2011	1/11/2011	
ORO (C18-C40)	EPA 8015B	11A1025	9.9	ND	1.99	1/11/2011	1/11/2011	
Surrogate: n-Octacosane (40-140%)				*90 %*				
Sample ID: IUA0751-07 (B28-BW-13 - Soil)					**Sampled: 01/07/11**			
Reporting Units: mg/kg								
DRO (C10-C22)	EPA 8015B	11A1025	5.0	26	1	1/11/2011	1/11/2011	
ORO (C18-C40)	EPA 8015B	11A1025	5.0	82	1	1/11/2011	1/11/2011	
Surrogate: n-Octacosane (40-140%)				*105 %*				
Sample ID: IUA0751-08 (B28-BE-9.5 - Soil)					**Sampled: 01/07/11**			
Reporting Units: mg/kg								
DRO (C10-C22)	EPA 8015B	11A1025	10	18	1.99	1/11/2011	1/11/2011	
ORO (C18-C40)	EPA 8015B	11A1025	10	86	1.99	1/11/2011	1/11/2011	
Surrogate: n-Octacosane (40-140%)				*99 %*				

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EXTRACTABLE FUEL HYDROCARBONS (CADHS/8015B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IUA0751-09 (B23-BE-11 - Soil)				**Sampled: 01/07/11**				
Reporting Units: mg/kg								
DRO (C10-C22)	EPA 8015B	11A1025	100	**560**	20	1/11/2011	1/11/2011	
ORO (C18-C40)	EPA 8015B	11A1025	100	**2300**	20	1/11/2011	1/11/2011	
Surrogate: n-Octacosane (40-140%)				*755 %*				*Z3*
Sample ID: IUA0751-11 (B23-BW-11 - Soil)				**Sampled: 01/07/11**				
Reporting Units: mg/kg								
DRO (C10-C22)	EPA 8015B	11A1025	50	**280**	10	1/11/2011	1/12/2011	
ORO (C18-C40)	EPA 8015B	11A1025	50	**1200**	10	1/11/2011	1/12/2011	
Surrogate: n-Octacosane (40-140%)				*424 %*				*Z3*
Sample ID: IUA0751-13 (B24-BW-11 - Soil)				**Sampled: 01/07/11**				
Reporting Units: mg/kg								
DRO (C10-C22)	EPA 8015B	11A1025	250	**540**	50	1/11/2011	1/11/2011	
ORO (C18-C40)	EPA 8015B	11A1025	250	**2600**	50	1/11/2011	1/11/2011	
Surrogate: n-Octacosane (40-140%)				*992 %*				*Z3*
Sample ID: IUA0751-15 (B24-BE-14 - Soil)				**Sampled: 01/07/11**				
Reporting Units: mg/kg								
DRO (C10-C22)	EPA 8015B	11A1025	5.0	ND	1	1/11/2011	1/11/2011	
ORO (C18-C40)	EPA 8015B	11A1025	5.0	ND	1	1/11/2011	1/11/2011	
Surrogate: n-Octacosane (40-140%)				*94 %*				
Sample ID: IUA0751-16 (B25-BW-13 - Soil)				**Sampled: 01/07/11**				
Reporting Units: mg/kg								
DRO (C10-C22)	EPA 8015B	11A1025	5.0	**7.8**	0.998	1/11/2011	1/11/2011	
ORO (C18-C40)	EPA 8015B	11A1025	5.0	**28**	0.998	1/11/2011	1/11/2011	
Surrogate: n-Octacosane (40-140%)				*97 %*				

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BTEX by GC/MS (EPA 5030B/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IUA0751-01 (PG-1 - Soil)				**Sampled: 01/07/11**				**RL2**
Reporting Units: ug/kg								
Benzene	EPA 8260B	11A1346	9.8	ND	4.9	1/13/2011	1/13/2011	
Ethylbenzene	EPA 8260B	11A1346	9.8	ND	4.9	1/13/2011	1/13/2011	
Toluene	EPA 8260B	11A1346	9.8	ND	4.9	1/13/2011	1/13/2011	
m,p-Xylenes	EPA 8260B	11A1346	9.8	ND	4.9	1/13/2011	1/13/2011	
o-Xylene	EPA 8260B	11A1346	9.8	ND	4.9	1/13/2011	1/13/2011	
Xylenes, Total	EPA 8260B	11A1346	20	ND	4.9	1/13/2011	1/13/2011	
Surrogate: 4-Bromofluorobenzene (80-120%)				*92 %*				
Surrogate: Dibromofluoromethane (80-125%)				*94 %*				
Surrogate: Toluene-d8 (80-120%)				*95 %*				

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VOLATILE ORGANICS by GC/MS (EPA 5035/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IUA0751-03 (B25-BE-13 - Soil)					**Sampled: 01/07/11**			
Reporting Units: ug/kg								
Benzene	EPA 8260B	11A1613	1.7	ND	0.873	1/14/2011	1/14/2011	
Bromobenzene	EPA 8260B	11A1613	4.4	ND	0.873	1/14/2011	1/14/2011	
Bromochloromethane	EPA 8260B	11A1613	4.4	ND	0.873	1/14/2011	1/14/2011	
Bromodichloromethane	EPA 8260B	11A1613	1.7	ND	0.873	1/14/2011	1/14/2011	
Bromoform	EPA 8260B	11A1613	4.4	ND	0.873	1/14/2011	1/14/2011	
Bromomethane	EPA 8260B	11A1613	4.4	ND	0.873	1/14/2011	1/14/2011	
n-Butylbenzene	EPA 8260B	11A1613	4.4	ND	0.873	1/14/2011	1/14/2011	
sec-Butylbenzene	EPA 8260B	11A1613	4.4	ND	0.873	1/14/2011	1/14/2011	
tert-Butylbenzene	EPA 8260B	11A1613	4.4	ND	0.873	1/14/2011	1/14/2011	
Carbon tetrachloride	EPA 8260B	11A1613	4.4	ND	0.873	1/14/2011	1/14/2011	
Chlorobenzene	EPA 8260B	11A1613	1.7	ND	0.873	1/14/2011	1/14/2011	
Chloroethane	EPA 8260B	11A1613	4.4	ND	0.873	1/14/2011	1/14/2011	
Chloroform	EPA 8260B	11A1613	1.7	ND	0.873	1/14/2011	1/14/2011	
Chloromethane	EPA 8260B	11A1613	4.4	ND	0.873	1/14/2011	1/14/2011	
2-Chlorotoluene	EPA 8260B	11A1613	4.4	ND	0.873	1/14/2011	1/14/2011	
4-Chlorotoluene	EPA 8260B	11A1613	4.4	ND	0.873	1/14/2011	1/14/2011	
1,2-Dibromo-3-chloropropane	EPA 8260B	11A1613	4.4	ND	0.873	1/14/2011	1/14/2011	
Dibromochloromethane	EPA 8260B	11A1613	1.7	ND	0.873	1/14/2011	1/14/2011	
1,2-Dibromoethane (EDB)	EPA 8260B	11A1613	1.7	ND	0.873	1/14/2011	1/14/2011	
Dibromomethane	EPA 8260B	11A1613	1.7	ND	0.873	1/14/2011	1/14/2011	
1,2-Dichlorobenzene	EPA 8260B	11A1613	1.7	ND	0.873	1/14/2011	1/14/2011	
1,3-Dichlorobenzene	EPA 8260B	11A1613	1.7	ND	0.873	1/14/2011	1/14/2011	
1,4-Dichlorobenzene	EPA 8260B	11A1613	1.7	ND	0.873	1/14/2011	1/14/2011	
Dichlorodifluoromethane	EPA 8260B	11A1613	4.4	ND	0.873	1/14/2011	1/14/2011	
1,1-Dichloroethane	EPA 8260B	11A1613	1.7	ND	0.873	1/14/2011	1/14/2011	
1,2-Dichloroethane	EPA 8260B	11A1613	1.7	ND	0.873	1/14/2011	1/14/2011	
1,1-Dichloroethene	EPA 8260B	11A1613	4.4	ND	0.873	1/14/2011	1/14/2011	
cis-1,2-Dichloroethene	EPA 8260B	11A1613	1.7	ND	0.873	1/14/2011	1/14/2011	
trans-1,2-Dichloroethene	EPA 8260B	11A1613	1.7	ND	0.873	1/14/2011	1/14/2011	
1,2-Dichloropropane	EPA 8260B	11A1613	1.7	ND	0.873	1/14/2011	1/14/2011	
1,3-Dichloropropane	EPA 8260B	11A1613	1.7	ND	0.873	1/14/2011	1/14/2011	
2,2-Dichloropropane	EPA 8260B	11A1613	1.7	ND	0.873	1/14/2011	1/14/2011	
cis-1,3-Dichloropropene	EPA 8260B	11A1613	1.7	ND	0.873	1/14/2011	1/14/2011	
trans-1,3-Dichloropropene	EPA 8260B	11A1613	1.7	ND	0.873	1/14/2011	1/14/2011	
1,1-Dichloropropene	EPA 8260B	11A1613	1.7	ND	0.873	1/14/2011	1/14/2011	
Ethylbenzene	EPA 8260B	11A1613	1.7	ND	0.873	1/14/2011	1/14/2011	
Hexachlorobutadiene	EPA 8260B	11A1613	4.4	ND	0.873	1/14/2011	1/14/2011	
Isopropylbenzene	EPA 8260B	11A1613	1.7	ND	0.873	1/14/2011	1/14/2011	
p-Isopropyltoluene	EPA 8260B	11A1613	1.7	ND	0.873	1/14/2011	1/14/2011	
Methylene chloride	EPA 8260B	11A1613	17	ND	0.873	1/14/2011	1/14/2011	
Naphthalene	EPA 8260B	11A1613	4.4	ND	0.873	1/14/2011	1/14/2011	

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VOLATILE ORGANICS by GC/MS (EPA 5035/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IUA0751-03 (B25-BE-13 - Soil) - cont.				**Sampled: 01/07/11**				
Reporting Units: ug/kg								
n-Propylbenzene	EPA 8260B	11A1613	1.7	ND	0.873	1/14/2011	1/14/2011	
Styrene	EPA 8260B	11A1613	1.7	ND	0.873	1/14/2011	1/14/2011	
1,1,1,2-Tetrachloroethane	EPA 8260B	11A1613	4.4	ND	0.873	1/14/2011	1/14/2011	
1,1,2,2-Tetrachloroethane	EPA 8260B	11A1613	1.7	ND	0.873	1/14/2011	1/14/2011	
Tetrachloroethene	EPA 8260B	11A1613	1.7	ND	0.873	1/14/2011	1/14/2011	
Toluene	EPA 8260B	11A1613	1.7	ND	0.873	1/14/2011	1/14/2011	
1,2,3-Trichlorobenzene	EPA 8260B	11A1613	4.4	ND	0.873	1/14/2011	1/14/2011	
1,2,4-Trichlorobenzene	EPA 8260B	11A1613	4.4	ND	0.873	1/14/2011	1/14/2011	
1,1,1-Trichloroethane	EPA 8260B	11A1613	1.7	ND	0.873	1/14/2011	1/14/2011	
1,1,2-Trichloroethane	EPA 8260B	11A1613	1.7	ND	0.873	1/14/2011	1/14/2011	
Trichloroethene	EPA 8260B	11A1613	1.7	ND	0.873	1/14/2011	1/14/2011	
Trichlorofluoromethane	EPA 8260B	11A1613	4.4	ND	0.873	1/14/2011	1/14/2011	
1,2,3-Trichloropropane	EPA 8260B	11A1613	8.7	ND	0.873	1/14/2011	1/14/2011	
1,2,4-Trimethylbenzene	EPA 8260B	11A1613	1.7	ND	0.873	1/14/2011	1/14/2011	
1,3,5-Trimethylbenzene	EPA 8260B	11A1613	1.7	ND	0.873	1/14/2011	1/14/2011	
Vinyl chloride	EPA 8260B	11A1613	4.4	ND	0.873	1/14/2011	1/14/2011	
m,p-Xylenes	EPA 8260B	11A1613	1.7	ND	0.873	1/14/2011	1/14/2011	
o-Xylene	EPA 8260B	11A1613	1.7	ND	0.873	1/14/2011	1/14/2011	
Surrogate: 4-Bromofluorobenzene (80-120%)				*90 %*				
Surrogate: Dibromofluoromethane (80-125%)				*99 %*				
Surrogate: Toluene-d8 (80-120%)				*101 %*				

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VOLATILE ORGANICS by GC/MS (EPA 5035/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IUA0751-07 (B28-BW-13 - Soil)					**Sampled: 01/07/11**			
Reporting Units: ug/kg								
Benzene	EPA 8260B	11A1609	2.0	ND	0.986	1/8/2011	1/14/2011	
Bromobenzene	EPA 8260B	11A1609	4.9	ND	0.986	1/8/2011	1/14/2011	
Bromochloromethane	EPA 8260B	11A1609	4.9	ND	0.986	1/8/2011	1/14/2011	
Bromodichloromethane	EPA 8260B	11A1609	2.0	ND	0.986	1/8/2011	1/14/2011	
Bromoform	EPA 8260B	11A1609	4.9	ND	0.986	1/8/2011	1/14/2011	
Bromomethane	EPA 8260B	11A1609	4.9	ND	0.986	1/8/2011	1/14/2011	
n-Butylbenzene	EPA 8260B	11A1609	4.9	ND	0.986	1/8/2011	1/14/2011	
sec-Butylbenzene	EPA 8260B	11A1609	4.9	ND	0.986	1/8/2011	1/14/2011	
tert-Butylbenzene	EPA 8260B	11A1609	4.9	ND	0.986	1/8/2011	1/14/2011	
Carbon tetrachloride	EPA 8260B	11A1609	4.9	ND	0.986	1/8/2011	1/14/2011	
Chlorobenzene	EPA 8260B	11A1609	2.0	ND	0.986	1/8/2011	1/14/2011	
Chloroethane	EPA 8260B	11A1609	4.9	ND	0.986	1/8/2011	1/14/2011	
Chloroform	EPA 8260B	11A1609	2.0	ND	0.986	1/8/2011	1/14/2011	
Chloromethane	EPA 8260B	11A1609	4.9	ND	0.986	1/8/2011	1/14/2011	
2-Chlorotoluene	EPA 8260B	11A1609	4.9	ND	0.986	1/8/2011	1/14/2011	
4-Chlorotoluene	EPA 8260B	11A1609	4.9	ND	0.986	1/8/2011	1/14/2011	
1,2-Dibromo-3-chloropropane	EPA 8260B	11A1609	4.9	ND	0.986	1/8/2011	1/14/2011	
Dibromochloromethane	EPA 8260B	11A1609	2.0	ND	0.986	1/8/2011	1/14/2011	
1,2-Dibromoethane (EDB)	EPA 8260B	11A1609	2.0	ND	0.986	1/8/2011	1/14/2011	
Dibromomethane	EPA 8260B	11A1609	2.0	ND	0.986	1/8/2011	1/14/2011	
1,2-Dichlorobenzene	EPA 8260B	11A1609	2.0	ND	0.986	1/8/2011	1/14/2011	
1,3-Dichlorobenzene	EPA 8260B	11A1609	2.0	ND	0.986	1/8/2011	1/14/2011	
1,4-Dichlorobenzene	EPA 8260B	11A1609	2.0	ND	0.986	1/8/2011	1/14/2011	
Dichlorodifluoromethane	EPA 8260B	11A1609	4.9	ND	0.986	1/8/2011	1/14/2011	
1,1-Dichloroethane	EPA 8260B	11A1609	2.0	ND	0.986	1/8/2011	1/14/2011	
1,2-Dichloroethane	EPA 8260B	11A1609	2.0	ND	0.986	1/8/2011	1/14/2011	
1,1-Dichloroethene	EPA 8260B	11A1609	4.9	ND	0.986	1/8/2011	1/14/2011	
cis-1,2-Dichloroethene	EPA 8260B	11A1609	2.0	ND	0.986	1/8/2011	1/14/2011	
trans-1,2-Dichloroethene	EPA 8260B	11A1609	2.0	ND	0.986	1/8/2011	1/14/2011	
1,2-Dichloropropane	EPA 8260B	11A1609	2.0	ND	0.986	1/8/2011	1/14/2011	
1,3-Dichloropropane	EPA 8260B	11A1609	2.0	ND	0.986	1/8/2011	1/14/2011	
2,2-Dichloropropane	EPA 8260B	11A1609	2.0	ND	0.986	1/8/2011	1/14/2011	
cis-1,3-Dichloropropene	EPA 8260B	11A1609	2.0	ND	0.986	1/8/2011	1/14/2011	
trans-1,3-Dichloropropene	EPA 8260B	11A1609	2.0	ND	0.986	1/8/2011	1/14/2011	
1,1-Dichloropropene	EPA 8260B	11A1609	2.0	ND	0.986	1/8/2011	1/14/2011	
Ethylbenzene	EPA 8260B	11A1609	2.0	ND	0.986	1/8/2011	1/14/2011	
Hexachlorobutadiene	EPA 8260B	11A1609	4.9	ND	0.986	1/8/2011	1/14/2011	
Isopropylbenzene	EPA 8260B	11A1609	2.0	ND	0.986	1/8/2011	1/14/2011	
p-Isopropyltoluene	EPA 8260B	11A1609	2.0	ND	0.986	1/8/2011	1/14/2011	
Methylene chloride	EPA 8260B	11A1609	20	ND	0.986	1/8/2011	1/14/2011	
Naphthalene	EPA 8260B	11A1609	4.9	ND	0.986	1/8/2011	1/14/2011	

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VOLATILE ORGANICS by GC/MS (EPA 5035/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IUA0751-07 (B28-BW-13 - Soil) - cont.					**Sampled: 01/07/11**			
Reporting Units: ug/kg								
n-Propylbenzene	EPA 8260B	11A1609	2.0	ND	0.986	1/8/2011	1/14/2011	
Styrene	EPA 8260B	11A1609	2.0	ND	0.986	1/8/2011	1/14/2011	
1,1,1,2-Tetrachloroethane	EPA 8260B	11A1609	4.9	ND	0.986	1/8/2011	1/14/2011	
1,1,2,2-Tetrachloroethane	EPA 8260B	11A1609	2.0	ND	0.986	1/8/2011	1/14/2011	
Tetrachloroethene	EPA 8260B	11A1609	2.0	ND	0.986	1/8/2011	1/14/2011	
Toluene	EPA 8260B	11A1609	2.0	ND	0.986	1/8/2011	1/14/2011	
1,2,3-Trichlorobenzene	EPA 8260B	11A1609	4.9	ND	0.986	1/8/2011	1/14/2011	
1,2,4-Trichlorobenzene	EPA 8260B	11A1609	4.9	ND	0.986	1/8/2011	1/14/2011	
1,1,1-Trichloroethane	EPA 8260B	11A1609	2.0	ND	0.986	1/8/2011	1/14/2011	
1,1,2-Trichloroethane	EPA 8260B	11A1609	2.0	ND	0.986	1/8/2011	1/14/2011	
Trichloroethene	EPA 8260B	11A1609	2.0	ND	0.986	1/8/2011	1/14/2011	
Trichlorofluoromethane	EPA 8260B	11A1609	4.9	ND	0.986	1/8/2011	1/14/2011	
1,2,3-Trichloropropane	EPA 8260B	11A1609	9.9	ND	0.986	1/8/2011	1/14/2011	
1,2,4-Trimethylbenzene	EPA 8260B	11A1609	2.0	ND	0.986	1/8/2011	1/14/2011	
1,3,5-Trimethylbenzene	EPA 8260B	11A1609	2.0	ND	0.986	1/8/2011	1/14/2011	
Vinyl chloride	EPA 8260B	11A1609	4.9	ND	0.986	1/8/2011	1/14/2011	
m,p-Xylenes	EPA 8260B	11A1609	2.0	ND	0.986	1/8/2011	1/14/2011	
o-Xylene	EPA 8260B	11A1609	2.0	ND	0.986	1/8/2011	1/14/2011	
Surrogate: 4-Bromofluorobenzene (80-120%)				*93 %*				
Surrogate: Dibromofluoromethane (80-125%)				*101 %*				
Surrogate: Toluene-d8 (80-120%)				*102 %*				

TestAmerica Irvine

Sushmitha Reddy For Amy Harris
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Golder Associates - Irvine
230 Commerce, Suite 200
Irvine, CA 92602
Attention: Misty Vazquez

Project ID: Ford Glendale (Star Lm)
093-91993-02
Report Number: IUA0751

Sampled: 01/07/11
Received: 01/07/11

VOLATILE ORGANICS by GC/MS (EPA 5035/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IUA0751-08 (B28-BE-9.5 - Soil)					**Sampled: 01/07/11**			
Reporting Units: ug/kg								
Benzene	EPA 8260B	11A1613	1.8	ND	0.876	1/14/2011	1/14/2011	
Bromobenzene	EPA 8260B	11A1613	4.4	ND	0.876	1/14/2011	1/14/2011	
Bromochloromethane	EPA 8260B	11A1613	4.4	ND	0.876	1/14/2011	1/14/2011	
Bromodichloromethane	EPA 8260B	11A1613	1.8	ND	0.876	1/14/2011	1/14/2011	
Bromoform	EPA 8260B	11A1613	4.4	ND	0.876	1/14/2011	1/14/2011	
Bromomethane	EPA 8260B	11A1613	4.4	ND	0.876	1/14/2011	1/14/2011	
n-Butylbenzene	EPA 8260B	11A1613	4.4	ND	0.876	1/14/2011	1/14/2011	
sec-Butylbenzene	EPA 8260B	11A1613	4.4	ND	0.876	1/14/2011	1/14/2011	
tert-Butylbenzene	EPA 8260B	11A1613	4.4	ND	0.876	1/14/2011	1/14/2011	
Carbon tetrachloride	EPA 8260B	11A1613	4.4	ND	0.876	1/14/2011	1/14/2011	
Chlorobenzene	EPA 8260B	11A1613	1.8	ND	0.876	1/14/2011	1/14/2011	
Chloroethane	EPA 8260B	11A1613	4.4	ND	0.876	1/14/2011	1/14/2011	
Chloroform	EPA 8260B	11A1613	1.8	ND	0.876	1/14/2011	1/14/2011	
Chloromethane	EPA 8260B	11A1613	4.4	ND	0.876	1/14/2011	1/14/2011	
2-Chlorotoluene	EPA 8260B	11A1613	4.4	ND	0.876	1/14/2011	1/14/2011	
4-Chlorotoluene	EPA 8260B	11A1613	4.4	ND	0.876	1/14/2011	1/14/2011	
1,2-Dibromo-3-chloropropane	EPA 8260B	11A1613	4.4	ND	0.876	1/14/2011	1/14/2011	
Dibromochloromethane	EPA 8260B	11A1613	1.8	ND	0.876	1/14/2011	1/14/2011	
1,2-Dibromoethane (EDB)	EPA 8260B	11A1613	1.8	ND	0.876	1/14/2011	1/14/2011	
Dibromomethane	EPA 8260B	11A1613	1.8	ND	0.876	1/14/2011	1/14/2011	
1,2-Dichlorobenzene	EPA 8260B	11A1613	1.8	ND	0.876	1/14/2011	1/14/2011	
1,3-Dichlorobenzene	EPA 8260B	11A1613	1.8	ND	0.876	1/14/2011	1/14/2011	
1,4-Dichlorobenzene	EPA 8260B	11A1613	1.8	ND	0.876	1/14/2011	1/14/2011	
Dichlorodifluoromethane	EPA 8260B	11A1613	4.4	ND	0.876	1/14/2011	1/14/2011	
1,1-Dichloroethane	EPA 8260B	11A1613	1.8	ND	0.876	1/14/2011	1/14/2011	
1,2-Dichloroethane	EPA 8260B	11A1613	1.8	ND	0.876	1/14/2011	1/14/2011	
1,1-Dichloroethene	EPA 8260B	11A1613	4.4	ND	0.876	1/14/2011	1/14/2011	
cis-1,2-Dichloroethene	EPA 8260B	11A1613	1.8	ND	0.876	1/14/2011	1/14/2011	
trans-1,2-Dichloroethene	EPA 8260B	11A1613	1.8	ND	0.876	1/14/2011	1/14/2011	
1,2-Dichloropropane	EPA 8260B	11A1613	1.8	ND	0.876	1/14/2011	1/14/2011	
1,3-Dichloropropane	EPA 8260B	11A1613	1.8	ND	0.876	1/14/2011	1/14/2011	
2,2-Dichloropropane	EPA 8260B	11A1613	1.8	ND	0.876	1/14/2011	1/14/2011	
cis-1,3-Dichloropropene	EPA 8260B	11A1613	1.8	ND	0.876	1/14/2011	1/14/2011	
trans-1,3-Dichloropropene	EPA 8260B	11A1613	1.8	ND	0.876	1/14/2011	1/14/2011	
1,1-Dichloropropene	EPA 8260B	11A1613	1.8	ND	0.876	1/14/2011	1/14/2011	
Ethylbenzene	EPA 8260B	11A1613	1.8	ND	0.876	1/14/2011	1/14/2011	
Hexachlorobutadiene	EPA 8260B	11A1613	4.4	ND	0.876	1/14/2011	1/14/2011	
Isopropylbenzene	EPA 8260B	11A1613	1.8	ND	0.876	1/14/2011	1/14/2011	
p-Isopropyltoluene	EPA 8260B	11A1613	1.8	ND	0.876	1/14/2011	1/14/2011	
Methylene chloride	EPA 8260B	11A1613	18	ND	0.876	1/14/2011	1/14/2011	
Naphthalene	EPA 8260B	11A1613	4.4	ND	0.876	1/14/2011	1/14/2011	

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Sushmitha Reddy For Amy Harris
Project Manager

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Attention: Misty Vazquez

Project ID: Ford Glendale (Star Lm)
093-91993-02
Report Number: IUA0751

Sampled: 01/07/11
Received: 01/07/11

VOLATILE ORGANICS by GC/MS (EPA 5035/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IUA0751-08 (B28-BE-9.5 - Soil) - cont.				**Sampled: 01/07/11**				
Reporting Units: ug/kg								
n-Propylbenzene	EPA 8260B	11A1613	1.8	ND	0.876	1/14/2011	1/14/2011	
Styrene	EPA 8260B	11A1613	1.8	ND	0.876	1/14/2011	1/14/2011	
1,1,1,2-Tetrachloroethane	EPA 8260B	11A1613	4.4	ND	0.876	1/14/2011	1/14/2011	
1,1,2,2-Tetrachloroethane	EPA 8260B	11A1613	1.8	ND	0.876	1/14/2011	1/14/2011	
Tetrachloroethene	EPA 8260B	11A1613	1.8	ND	0.876	1/14/2011	1/14/2011	
Toluene	EPA 8260B	11A1613	1.8	ND	0.876	1/14/2011	1/14/2011	
1,2,3-Trichlorobenzene	EPA 8260B	11A1613	4.4	ND	0.876	1/14/2011	1/14/2011	
1,2,4-Trichlorobenzene	EPA 8260B	11A1613	4.4	ND	0.876	1/14/2011	1/14/2011	
1,1,1-Trichloroethane	EPA 8260B	11A1613	1.8	ND	0.876	1/14/2011	1/14/2011	
1,1,2-Trichloroethane	EPA 8260B	11A1613	1.8	ND	0.876	1/14/2011	1/14/2011	
Trichloroethene	EPA 8260B	11A1613	1.8	ND	0.876	1/14/2011	1/14/2011	
Trichlorofluoromethane	EPA 8260B	11A1613	4.4	ND	0.876	1/14/2011	1/14/2011	
1,2,3-Trichloropropane	EPA 8260B	11A1613	8.8	ND	0.876	1/14/2011	1/14/2011	
1,2,4-Trimethylbenzene	EPA 8260B	11A1613	1.8	ND	0.876	1/14/2011	1/14/2011	
1,3,5-Trimethylbenzene	EPA 8260B	11A1613	1.8	ND	0.876	1/14/2011	1/14/2011	
Vinyl chloride	EPA 8260B	11A1613	4.4	ND	0.876	1/14/2011	1/14/2011	
m,p-Xylenes	EPA 8260B	11A1613	1.8	ND	0.876	1/14/2011	1/14/2011	
o-Xylene	EPA 8260B	11A1613	1.8	ND	0.876	1/14/2011	1/14/2011	
Surrogate: 4-Bromofluorobenzene (80-120%)				*90 %*				
Surrogate: Dibromofluoromethane (80-125%)				*96 %*				
Surrogate: Toluene-d8 (80-120%)				*101 %*				

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Attention: Misty Vazquez

Project ID: Ford Glendale (Star Lm)
093-91993-02
Report Number: IUA0751

Sampled: 01/07/11
Received: 01/07/11

VOLATILE ORGANICS by GC/MS (EPA 5035/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IUA0751-15 (B24-BE-14 - Soil)					**Sampled: 01/07/11**			
Reporting Units: ug/kg								
Benzene	EPA 8260B	11A1613	1.7	ND	0.85	1/14/2011	1/14/2011	
Bromobenzene	EPA 8260B	11A1613	4.3	ND	0.85	1/14/2011	1/14/2011	
Bromochloromethane	EPA 8260B	11A1613	4.3	ND	0.85	1/14/2011	1/14/2011	
Bromodichloromethane	EPA 8260B	11A1613	1.7	ND	0.85	1/14/2011	1/14/2011	
Bromoform	EPA 8260B	11A1613	4.3	ND	0.85	1/14/2011	1/14/2011	
Bromomethane	EPA 8260B	11A1613	4.3	ND	0.85	1/14/2011	1/14/2011	
n-Butylbenzene	EPA 8260B	11A1613	4.3	ND	0.85	1/14/2011	1/14/2011	
sec-Butylbenzene	EPA 8260B	11A1613	4.3	ND	0.85	1/14/2011	1/14/2011	
tert-Butylbenzene	EPA 8260B	11A1613	4.3	ND	0.85	1/14/2011	1/14/2011	
Carbon tetrachloride	EPA 8260B	11A1613	4.3	ND	0.85	1/14/2011	1/14/2011	
Chlorobenzene	EPA 8260B	11A1613	1.7	ND	0.85	1/14/2011	1/14/2011	
Chloroethane	EPA 8260B	11A1613	4.3	ND	0.85	1/14/2011	1/14/2011	
Chloroform	EPA 8260B	11A1613	1.7	ND	0.85	1/14/2011	1/14/2011	
Chloromethane	EPA 8260B	11A1613	4.3	ND	0.85	1/14/2011	1/14/2011	
2-Chlorotoluene	EPA 8260B	11A1613	4.3	ND	0.85	1/14/2011	1/14/2011	
4-Chlorotoluene	EPA 8260B	11A1613	4.3	ND	0.85	1/14/2011	1/14/2011	
1,2-Dibromo-3-chloropropane	EPA 8260B	11A1613	4.3	ND	0.85	1/14/2011	1/14/2011	
Dibromochloromethane	EPA 8260B	11A1613	1.7	ND	0.85	1/14/2011	1/14/2011	
1,2-Dibromoethane (EDB)	EPA 8260B	11A1613	1.7	ND	0.85	1/14/2011	1/14/2011	
Dibromomethane	EPA 8260B	11A1613	1.7	ND	0.85	1/14/2011	1/14/2011	
1,2-Dichlorobenzene	EPA 8260B	11A1613	1.7	ND	0.85	1/14/2011	1/14/2011	
1,3-Dichlorobenzene	EPA 8260B	11A1613	1.7	ND	0.85	1/14/2011	1/14/2011	
1,4-Dichlorobenzene	EPA 8260B	11A1613	1.7	ND	0.85	1/14/2011	1/14/2011	
Dichlorodifluoromethane	EPA 8260B	11A1613	4.3	ND	0.85	1/14/2011	1/14/2011	
1,1-Dichloroethane	EPA 8260B	11A1613	1.7	ND	0.85	1/14/2011	1/14/2011	
1,2-Dichloroethane	EPA 8260B	11A1613	1.7	ND	0.85	1/14/2011	1/14/2011	
1,1-Dichloroethene	EPA 8260B	11A1613	4.3	ND	0.85	1/14/2011	1/14/2011	
cis-1,2-Dichloroethene	EPA 8260B	11A1613	1.7	ND	0.85	1/14/2011	1/14/2011	
trans-1,2-Dichloroethene	EPA 8260B	11A1613	1.7	ND	0.85	1/14/2011	1/14/2011	
1,2-Dichloropropane	EPA 8260B	11A1613	1.7	ND	0.85	1/14/2011	1/14/2011	
1,3-Dichloropropane	EPA 8260B	11A1613	1.7	ND	0.85	1/14/2011	1/14/2011	
2,2-Dichloropropane	EPA 8260B	11A1613	1.7	ND	0.85	1/14/2011	1/14/2011	
cis-1,3-Dichloropropene	EPA 8260B	11A1613	1.7	ND	0.85	1/14/2011	1/14/2011	
trans-1,3-Dichloropropene	EPA 8260B	11A1613	1.7	ND	0.85	1/14/2011	1/14/2011	
1,1-Dichloropropene	EPA 8260B	11A1613	1.7	ND	0.85	1/14/2011	1/14/2011	
Ethylbenzene	EPA 8260B	11A1613	1.7	ND	0.85	1/14/2011	1/14/2011	
Hexachlorobutadiene	EPA 8260B	11A1613	4.3	ND	0.85	1/14/2011	1/14/2011	
Isopropylbenzene	EPA 8260B	11A1613	1.7	ND	0.85	1/14/2011	1/14/2011	
p-Isopropyltoluene	EPA 8260B	11A1613	1.7	ND	0.85	1/14/2011	1/14/2011	
Methylene chloride	EPA 8260B	11A1613	17	ND	0.85	1/14/2011	1/14/2011	
Naphthalene	EPA 8260B	11A1613	4.3	ND	0.85	1/14/2011	1/14/2011	

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Project ID: Ford Glendale (Star Lm)
093-91993-02
Report Number: IUA0751

Sampled: 01/07/11
Received: 01/07/11

VOLATILE ORGANICS by GC/MS (EPA 5035/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IUA0751-15 (B24-BE-14 - Soil) - cont.				**Sampled: 01/07/11**				
Reporting Units: ug/kg								
n-Propylbenzene	EPA 8260B	11A1613	1.7	ND	0.85	1/14/2011	1/14/2011	
Styrene	EPA 8260B	11A1613	1.7	ND	0.85	1/14/2011	1/14/2011	
1,1,1,2-Tetrachloroethane	EPA 8260B	11A1613	4.3	ND	0.85	1/14/2011	1/14/2011	
1,1,2,2-Tetrachloroethane	EPA 8260B	11A1613	1.7	ND	0.85	1/14/2011	1/14/2011	
Tetrachloroethene	EPA 8260B	11A1613	1.7	ND	0.85	1/14/2011	1/14/2011	
Toluene	EPA 8260B	11A1613	1.7	ND	0.85	1/14/2011	1/14/2011	
1,2,3-Trichlorobenzene	EPA 8260B	11A1613	4.3	ND	0.85	1/14/2011	1/14/2011	
1,2,4-Trichlorobenzene	EPA 8260B	11A1613	4.3	ND	0.85	1/14/2011	1/14/2011	
1,1,1-Trichloroethane	EPA 8260B	11A1613	1.7	ND	0.85	1/14/2011	1/14/2011	
1,1,2-Trichloroethane	EPA 8260B	11A1613	1.7	ND	0.85	1/14/2011	1/14/2011	
Trichloroethene	EPA 8260B	11A1613	1.7	ND	0.85	1/14/2011	1/14/2011	
Trichlorofluoromethane	EPA 8260B	11A1613	4.3	ND	0.85	1/14/2011	1/14/2011	
1,2,3-Trichloropropane	EPA 8260B	11A1613	8.5	ND	0.85	1/14/2011	1/14/2011	
1,2,4-Trimethylbenzene	EPA 8260B	11A1613	1.7	ND	0.85	1/14/2011	1/14/2011	
1,3,5-Trimethylbenzene	EPA 8260B	11A1613	1.7	ND	0.85	1/14/2011	1/14/2011	
Vinyl chloride	EPA 8260B	11A1613	4.3	ND	0.85	1/14/2011	1/14/2011	
m,p-Xylenes	EPA 8260B	11A1613	1.7	ND	0.85	1/14/2011	1/14/2011	
o-Xylene	EPA 8260B	11A1613	1.7	ND	0.85	1/14/2011	1/14/2011	
Surrogate: 4-Bromofluorobenzene (80-120%)				*92 %*				
Surrogate: Dibromofluoromethane (80-125%)				*100 %*				
Surrogate: Toluene-d8 (80-120%)				*102 %*				

TestAmerica Irvine

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Project ID: Ford Glendale (Star Lm)
093-91993-02
Report Number: IUA0751

Sampled: 01/07/11
Received: 01/07/11

VOLATILE ORGANICS by GC/MS (EPA 5035/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IUA0751-16 (B25-BW-13 - Soil)					**Sampled: 01/07/11**			
Reporting Units: ug/kg								
Benzene	EPA 8260B	11A1613	1.6	ND	0.814	1/14/2011	1/14/2011	
Bromobenzene	EPA 8260B	11A1613	4.1	ND	0.814	1/14/2011	1/14/2011	I
Bromochloromethane	EPA 8260B	11A1613	4.1	ND	0.814	1/14/2011	1/14/2011	
Bromodichloromethane	EPA 8260B	11A1613	1.6	ND	0.814	1/14/2011	1/14/2011	
Bromoform	EPA 8260B	11A1613	4.1	ND	0.814	1/14/2011	1/14/2011	
Bromomethane	EPA 8260B	11A1613	4.1	ND	0.814	1/14/2011	1/14/2011	
n-Butylbenzene	EPA 8260B	11A1613	4.1	ND	0.814	1/14/2011	1/14/2011	I
sec-Butylbenzene	EPA 8260B	11A1613	4.1	ND	0.814	1/14/2011	1/14/2011	I
tert-Butylbenzene	EPA 8260B	11A1613	4.1	ND	0.814	1/14/2011	1/14/2011	I
Carbon tetrachloride	EPA 8260B	11A1613	4.1	ND	0.814	1/14/2011	1/14/2011	
Chlorobenzene	EPA 8260B	11A1613	1.6	ND	0.814	1/14/2011	1/14/2011	
Chloroethane	EPA 8260B	11A1613	4.1	ND	0.814	1/14/2011	1/14/2011	
Chloroform	EPA 8260B	11A1613	1.6	ND	0.814	1/14/2011	1/14/2011	
Chloromethane	EPA 8260B	11A1613	4.1	ND	0.814	1/14/2011	1/14/2011	
2-Chlorotoluene	EPA 8260B	11A1613	4.1	ND	0.814	1/14/2011	1/14/2011	I
4-Chlorotoluene	EPA 8260B	11A1613	4.1	ND	0.814	1/14/2011	1/14/2011	I
1,2-Dibromo-3-chloropropane	EPA 8260B	11A1613	4.1	ND	0.814	1/14/2011	1/14/2011	I
Dibromochloromethane	EPA 8260B	11A1613	1.6	ND	0.814	1/14/2011	1/14/2011	
1,2-Dibromoethane (EDB)	EPA 8260B	11A1613	1.6	ND	0.814	1/14/2011	1/14/2011	
Dibromomethane	EPA 8260B	11A1613	1.6	ND	0.814	1/14/2011	1/14/2011	
1,2-Dichlorobenzene	EPA 8260B	11A1613	1.6	ND	0.814	1/14/2011	1/14/2011	I
1,3-Dichlorobenzene	EPA 8260B	11A1613	1.6	ND	0.814	1/14/2011	1/14/2011	I
1,4-Dichlorobenzene	EPA 8260B	11A1613	1.6	ND	0.814	1/14/2011	1/14/2011	I
Dichlorodifluoromethane	EPA 8260B	11A1613	4.1	ND	0.814	1/14/2011	1/14/2011	
1,1-Dichloroethane	EPA 8260B	11A1613	1.6	ND	0.814	1/14/2011	1/14/2011	
1,2-Dichloroethane	EPA 8260B	11A1613	1.6	ND	0.814	1/14/2011	1/14/2011	
1,1-Dichloroethene	EPA 8260B	11A1613	4.1	ND	0.814	1/14/2011	1/14/2011	
cis-1,2-Dichloroethene	EPA 8260B	11A1613	1.6	ND	0.814	1/14/2011	1/14/2011	
trans-1,2-Dichloroethene	EPA 8260B	11A1613	1.6	ND	0.814	1/14/2011	1/14/2011	
1,2-Dichloropropane	EPA 8260B	11A1613	1.6	ND	0.814	1/14/2011	1/14/2011	
1,3-Dichloropropane	EPA 8260B	11A1613	1.6	ND	0.814	1/14/2011	1/14/2011	
2,2-Dichloropropane	EPA 8260B	11A1613	1.6	ND	0.814	1/14/2011	1/14/2011	
cis-1,3-Dichloropropene	EPA 8260B	11A1613	1.6	ND	0.814	1/14/2011	1/14/2011	
trans-1,3-Dichloropropene	EPA 8260B	11A1613	1.6	ND	0.814	1/14/2011	1/14/2011	
1,1-Dichloropropene	EPA 8260B	11A1613	1.6	ND	0.814	1/14/2011	1/14/2011	
Ethylbenzene	EPA 8260B	11A1613	1.6	ND	0.814	1/14/2011	1/14/2011	
Hexachlorobutadiene	EPA 8260B	11A1613	4.1	ND	0.814	1/14/2011	1/14/2011	I
Isopropylbenzene	EPA 8260B	11A1613	1.6	ND	0.814	1/14/2011	1/14/2011	I
p-Isopropyltoluene	EPA 8260B	11A1613	1.6	ND	0.814	1/14/2011	1/14/2011	I
Methylene chloride	EPA 8260B	11A1613	16	ND	0.814	1/14/2011	1/14/2011	
Naphthalene	EPA 8260B	11A1613	4.1	ND	0.814	1/14/2011	1/14/2011	I

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Attention: Misty Vazquez

Project ID: Ford Glendale (Star Lm)
093-91993-02
Report Number: IUA0751

Sampled: 01/07/11
Received: 01/07/11

VOLATILE ORGANICS by GC/MS (EPA 5035/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IUA0751-16 (B25-BW-13 - Soil) - cont.				**Sampled: 01/07/11**				
Reporting Units: ug/kg								
n-Propylbenzene	EPA 8260B	11A1613	1.6	ND	0.814	1/14/2011	1/14/2011	I
Styrene	EPA 8260B	11A1613	1.6	ND	0.814	1/14/2011	1/14/2011	
1,1,1,2-Tetrachloroethane	EPA 8260B	11A1613	4.1	ND	0.814	1/14/2011	1/14/2011	
1,1,2,2-Tetrachloroethane	EPA 8260B	11A1613	1.6	ND	0.814	1/14/2011	1/14/2011	I
Tetrachloroethene	EPA 8260B	11A1613	1.6	ND	0.814	1/14/2011	1/14/2011	
Toluene	EPA 8260B	11A1613	1.6	ND	0.814	1/14/2011	1/14/2011	
1,2,3-Trichlorobenzene	EPA 8260B	11A1613	4.1	ND	0.814	1/14/2011	1/14/2011	I
1,2,4-Trichlorobenzene	EPA 8260B	11A1613	4.1	ND	0.814	1/14/2011	1/14/2011	I
1,1,1-Trichloroethane	EPA 8260B	11A1613	1.6	ND	0.814	1/14/2011	1/14/2011	
1,1,2-Trichloroethane	EPA 8260B	11A1613	1.6	ND	0.814	1/14/2011	1/14/2011	
Trichloroethene	EPA 8260B	11A1613	1.6	ND	0.814	1/14/2011	1/14/2011	
Trichlorofluoromethane	EPA 8260B	11A1613	4.1	ND	0.814	1/14/2011	1/14/2011	
1,2,3-Trichloropropane	EPA 8260B	11A1613	8.1	ND	0.814	1/14/2011	1/14/2011	I
1,2,4-Trimethylbenzene	EPA 8260B	11A1613	1.6	ND	0.814	1/14/2011	1/14/2011	I
1,3,5-Trimethylbenzene	EPA 8260B	11A1613	1.6	ND	0.814	1/14/2011	1/14/2011	I
Vinyl chloride	EPA 8260B	11A1613	4.1	ND	0.814	1/14/2011	1/14/2011	
m,p-Xylenes	EPA 8260B	11A1613	1.6	ND	0.814	1/14/2011	1/14/2011	
o-Xylene	EPA 8260B	11A1613	1.6	ND	0.814	1/14/2011	1/14/2011	
Surrogate: 4-Bromofluorobenzene (80-120%)				*90 %*				
Surrogate: Dibromofluoromethane (80-125%)				*98 %*				
Surrogate: Toluene-d8 (80-120%)				*101 %*				

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Project ID: Ford Glendale (Star Lm)
093-91993-02
Report Number: IUA0751

Sampled: 01/07/11
Received: 01/07/11

SEMI-VOLATILE ORGANICS BY GC/MS (EPA 8270C)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IUA0751-02 (C-3 - Solid)					**Sampled: 01/07/11**			
Reporting Units: ug/kg								
Acenaphthene	EPA 8270C	11A1023	330	ND	1	1/11/2011	1/12/2011	
Acenaphthylene	EPA 8270C	11A1023	330	ND	1	1/11/2011	1/12/2011	
Aniline	EPA 8270C	11A1023	420	ND	1	1/11/2011	1/12/2011	
Anthracene	EPA 8270C	11A1023	330	ND	1	1/11/2011	1/12/2011	
Benzidine	EPA 8270C	11A1023	660	ND	1	1/11/2011	1/12/2011	
Benzo(a)anthracene	EPA 8270C	11A1023	330	ND	1	1/11/2011	1/12/2011	
Benzo(a)pyrene	EPA 8270C	11A1023	330	ND	1	1/11/2011	1/12/2011	
Benzo(b)fluoranthene	EPA 8270C	11A1023	330	ND	1	1/11/2011	1/12/2011	
Benzo(g,h,i)perylene	EPA 8270C	11A1023	330	ND	1	1/11/2011	1/12/2011	
Benzo(k)fluoranthene	EPA 8270C	11A1023	330	ND	1	1/11/2011	1/12/2011	
Benzoic acid	EPA 8270C	11A1023	830	ND	1	1/11/2011	1/12/2011	M2
Benzyl alcohol	EPA 8270C	11A1023	330	ND	1	1/11/2011	1/12/2011	
4-Bromophenyl phenyl ether	EPA 8270C	11A1023	330	ND	1	1/11/2011	1/12/2011	
Butyl benzyl phthalate	EPA 8270C	11A1023	330	ND	1	1/11/2011	1/12/2011	
4-Chloro-3-methylphenol	EPA 8270C	11A1023	330	ND	1	1/11/2011	1/12/2011	
4-Chloroaniline	EPA 8270C	11A1023	330	ND	1	1/11/2011	1/12/2011	
Bis(2-chloroethoxy)methane	EPA 8270C	11A1023	330	ND	1	1/11/2011	1/12/2011	
Bis(2-chloroethyl)ether	EPA 8270C	11A1023	170	ND	1	1/11/2011	1/12/2011	
Bis(2-chloroisopropyl)ether	EPA 8270C	11A1023	330	ND	1	1/11/2011	1/12/2011	
Bis(2-ethylhexyl)phthalate	EPA 8270C	11A1023	330	ND	1	1/11/2011	1/12/2011	
2-Chloronaphthalene	EPA 8270C	11A1023	330	ND	1	1/11/2011	1/12/2011	
2-Chlorophenol	EPA 8270C	11A1023	330	ND	1	1/11/2011	1/12/2011	
4-Chlorophenyl phenyl ether	EPA 8270C	11A1023	330	ND	1	1/11/2011	1/12/2011	
Chrysene	EPA 8270C	11A1023	330	ND	1	1/11/2011	1/12/2011	
Dibenz(a,h)anthracene	EPA 8270C	11A1023	420	ND	1	1/11/2011	1/12/2011	
Dibenzofuran	EPA 8270C	11A1023	330	ND	1	1/11/2011	1/12/2011	
Di-n-butyl phthalate	EPA 8270C	11A1023	330	ND	1	1/11/2011	1/12/2011	
1,2-Dichlorobenzene	EPA 8270C	11A1023	330	ND	1	1/11/2011	1/12/2011	
1,3-Dichlorobenzene	EPA 8270C	11A1023	330	ND	1	1/11/2011	1/12/2011	
1,4-Dichlorobenzene	EPA 8270C	11A1023	330	ND	1	1/11/2011	1/12/2011	
3,3'-Dichlorobenzidine	EPA 8270C	11A1023	830	ND	1	1/11/2011	1/12/2011	
2,4-Dichlorophenol	EPA 8270C	11A1023	330	ND	1	1/11/2011	1/12/2011	
Diethyl phthalate	EPA 8270C	11A1023	330	ND	1	1/11/2011	1/12/2011	
2,4-Dimethylphenol	EPA 8270C	11A1023	330	ND	1	1/11/2011	1/12/2011	
Dimethyl phthalate	EPA 8270C	11A1023	330	ND	1	1/11/2011	1/12/2011	
4,6-Dinitro-2-methylphenol	EPA 8270C	11A1023	420	ND	1	1/11/2011	1/12/2011	M2
2,4-Dinitrophenol	EPA 8270C	11A1023	660	ND	1	1/11/2011	1/12/2011	M2
2,4-Dinitrotoluene	EPA 8270C	11A1023	330	ND	1	1/11/2011	1/12/2011	
2,6-Dinitrotoluene	EPA 8270C	11A1023	330	ND	1	1/11/2011	1/12/2011	
Di-n-octyl phthalate	EPA 8270C	11A1023	330	ND	1	1/11/2011	1/12/2011	
1,2-Diphenylhydrazine/Azobenzene	EPA 8270C	11A1023	330	ND	1	1/11/2011	1/12/2011	

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Project ID: Ford Glendale (Star Lm)
093-91993-02
Report Number: IUA0751

Sampled: 01/07/11
Received: 01/07/11

SEMI-VOLATILE ORGANICS BY GC/MS (EPA 8270C)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IUA0751-02 (C-3 - Solid) - cont.				**Sampled: 01/07/11**				
Reporting Units: ug/kg								
Fluoranthene	EPA 8270C	11A1023	330	ND	1	1/11/2011	1/12/2011	
Fluorene	EPA 8270C	11A1023	330	ND	1	1/11/2011	1/12/2011	
Hexachlorobenzene	EPA 8270C	11A1023	330	ND	1	1/11/2011	1/12/2011	
Hexachlorobutadiene	EPA 8270C	11A1023	330	ND	1	1/11/2011	1/12/2011	
Hexachlorocyclopentadiene	EPA 8270C	11A1023	830	ND	1	1/11/2011	1/12/2011	
Hexachloroethane	EPA 8270C	11A1023	330	ND	1	1/11/2011	1/12/2011	
Indeno(1,2,3-cd)pyrene	EPA 8270C	11A1023	330	ND	1	1/11/2011	1/12/2011	
Isophorone	EPA 8270C	11A1023	330	ND	1	1/11/2011	1/12/2011	
2-Methylnaphthalene	EPA 8270C	11A1023	330	ND	1	1/11/2011	1/12/2011	
2-Methylphenol	EPA 8270C	11A1023	330	ND	1	1/11/2011	1/12/2011	
4-Methylphenol	EPA 8270C	11A1023	330	ND	1	1/11/2011	1/12/2011	
Naphthalene	EPA 8270C	11A1023	330	ND	1	1/11/2011	1/12/2011	
2-Nitroaniline	EPA 8270C	11A1023	330	ND	1	1/11/2011	1/12/2011	
3-Nitroaniline	EPA 8270C	11A1023	330	ND	1	1/11/2011	1/12/2011	
4-Nitroaniline	EPA 8270C	11A1023	830	ND	1	1/11/2011	1/12/2011	
Nitrobenzene	EPA 8270C	11A1023	330	ND	1	1/11/2011	1/12/2011	
2-Nitrophenol	EPA 8270C	11A1023	330	ND	1	1/11/2011	1/12/2011	
4-Nitrophenol	EPA 8270C	11A1023	830	ND	1	1/11/2011	1/12/2011	
N-Nitroso-di-n-propylamine	EPA 8270C	11A1023	250	ND	1	1/11/2011	1/12/2011	
N-Nitrosodiphenylamine	EPA 8270C	11A1023	330	ND	1	1/11/2011	1/12/2011	
Pentachlorophenol	EPA 8270C	11A1023	830	ND	1	1/11/2011	1/12/2011	M2, R-3
Phenanthrene	EPA 8270C	11A1023	330	ND	1	1/11/2011	1/12/2011	
Phenol	EPA 8270C	11A1023	330	ND	1	1/11/2011	1/12/2011	
Pyrene	EPA 8270C	11A1023	330	ND	1	1/11/2011	1/12/2011	
1,2,4-Trichlorobenzene	EPA 8270C	11A1023	330	ND	1	1/11/2011	1/12/2011	
2,4,5-Trichlorophenol	EPA 8270C	11A1023	330	ND	1	1/11/2011	1/12/2011	
2,4,6-Trichlorophenol	EPA 8270C	11A1023	330	ND	1	1/11/2011	1/12/2011	
Surrogate: 2,4,6-Tribromophenol (35-125%)				*74 %*				
Surrogate: 2-Fluorobiphenyl (35-120%)				*72 %*				
Surrogate: 2-Fluorophenol (25-120%)				*71 %*				
Surrogate: Nitrobenzene-d5 (30-120%)				*72 %*				
Surrogate: Phenol-d6 (35-120%)				*81 %*				
Surrogate: Terphenyl-d14 (40-135%)				*84 %*				

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Project ID: Ford Glendale (Star Lm)
093-91993-02
Report Number: IUA0751

Sampled: 01/07/11
Received: 01/07/11

SEMI-VOLATILE ORGANICS BY GC/MS (EPA 8270C)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IUA0751-14 (C-1 - Solid)				Sampled: 01/07/11				
Reporting Units: ug/kg								
Acenaphthene	EPA 8270C	11A1023	330	ND	0.997	1/11/2011	1/12/2011	
Acenaphthylene	EPA 8270C	11A1023	330	ND	0.997	1/11/2011	1/12/2011	
Aniline	EPA 8270C	11A1023	420	ND	0.997	1/11/2011	1/12/2011	
Anthracene	EPA 8270C	11A1023	330	ND	0.997	1/11/2011	1/12/2011	
Benzidine	EPA 8270C	11A1023	660	ND	0.997	1/11/2011	1/12/2011	
Benzo(a)anthracene	EPA 8270C	11A1023	330	ND	0.997	1/11/2011	1/12/2011	
Benzo(a)pyrene	EPA 8270C	11A1023	330	ND	0.997	1/11/2011	1/12/2011	
Benzo(b)fluoranthene	EPA 8270C	11A1023	330	ND	0.997	1/11/2011	1/12/2011	
Benzo(g,h,i)perylene	EPA 8270C	11A1023	330	ND	0.997	1/11/2011	1/12/2011	
Benzo(k)fluoranthene	EPA 8270C	11A1023	330	ND	0.997	1/11/2011	1/12/2011	
Benzoic acid	EPA 8270C	11A1023	830	ND	0.997	1/11/2011	1/12/2011	
Benzyl alcohol	EPA 8270C	11A1023	330	370	0.997	1/11/2011	1/12/2011	
4-Bromophenyl phenyl ether	EPA 8270C	11A1023	330	ND	0.997	1/11/2011	1/12/2011	
Butyl benzyl phthalate	EPA 8270C	11A1023	330	ND	0.997	1/11/2011	1/12/2011	
4-Chloro-3-methylphenol	EPA 8270C	11A1023	330	ND	0.997	1/11/2011	1/12/2011	
4-Chloroaniline	EPA 8270C	11A1023	330	ND	0.997	1/11/2011	1/12/2011	
Bis(2-chloroethoxy)methane	EPA 8270C	11A1023	330	ND	0.997	1/11/2011	1/12/2011	
Bis(2-chloroethyl)ether	EPA 8270C	11A1023	170	ND	0.997	1/11/2011	1/12/2011	
Bis(2-chloroisopropyl)ether	EPA 8270C	11A1023	330	ND	0.997	1/11/2011	1/12/2011	
Bis(2-ethylhexyl)phthalate	EPA 8270C	11A1023	330	ND	0.997	1/11/2011	1/12/2011	
2-Chloronaphthalene	EPA 8270C	11A1023	330	ND	0.997	1/11/2011	1/12/2011	
2-Chlorophenol	EPA 8270C	11A1023	330	ND	0.997	1/11/2011	1/12/2011	
4-Chlorophenyl phenyl ether	EPA 8270C	11A1023	330	ND	0.997	1/11/2011	1/12/2011	
Chrysene	EPA 8270C	11A1023	330	ND	0.997	1/11/2011	1/12/2011	
Dibenz(a,h)anthracene	EPA 8270C	11A1023	420	ND	0.997	1/11/2011	1/12/2011	
Dibenzofuran	EPA 8270C	11A1023	330	ND	0.997	1/11/2011	1/12/2011	
Di-n-butyl phthalate	EPA 8270C	11A1023	330	ND	0.997	1/11/2011	1/12/2011	
1,2-Dichlorobenzene	EPA 8270C	11A1023	330	ND	0.997	1/11/2011	1/12/2011	
1,3-Dichlorobenzene	EPA 8270C	11A1023	330	ND	0.997	1/11/2011	1/12/2011	
1,4-Dichlorobenzene	EPA 8270C	11A1023	330	ND	0.997	1/11/2011	1/12/2011	
3,3'-Dichlorobenzidine	EPA 8270C	11A1023	830	ND	0.997	1/11/2011	1/12/2011	
2,4-Dichlorophenol	EPA 8270C	11A1023	330	ND	0.997	1/11/2011	1/12/2011	
Diethyl phthalate	EPA 8270C	11A1023	330	ND	0.997	1/11/2011	1/12/2011	
2,4-Dimethylphenol	EPA 8270C	11A1023	330	ND	0.997	1/11/2011	1/12/2011	
Dimethyl phthalate	EPA 8270C	11A1023	330	ND	0.997	1/11/2011	1/12/2011	
4,6-Dinitro-2-methylphenol	EPA 8270C	11A1023	420	ND	0.997	1/11/2011	1/12/2011	
2,4-Dinitrophenol	EPA 8270C	11A1023	660	ND	0.997	1/11/2011	1/12/2011	
2,4-Dinitrotoluene	EPA 8270C	11A1023	330	ND	0.997	1/11/2011	1/12/2011	
2,6-Dinitrotoluene	EPA 8270C	11A1023	330	ND	0.997	1/11/2011	1/12/2011	
Di-n-octyl phthalate	EPA 8270C	11A1023	330	ND	0.997	1/11/2011	1/12/2011	
1,2-Diphenylhydrazine/Azobenzene	EPA 8270C	11A1023	330	ND	0.997	1/11/2011	1/12/2011	

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093-91993-02
Report Number: IUA0751

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SEMI-VOLATILE ORGANICS BY GC/MS (EPA 8270C)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IUA0751-14 (C-1 - Solid) - cont.				**Sampled: 01/07/11**				
Reporting Units: ug/kg								
Fluoranthene	EPA 8270C	11A1023	330	ND	0.997	1/11/2011	1/12/2011	
Fluorene	EPA 8270C	11A1023	330	ND	0.997	1/11/2011	1/12/2011	
Hexachlorobenzene	EPA 8270C	11A1023	330	ND	0.997	1/11/2011	1/12/2011	
Hexachlorobutadiene	EPA 8270C	11A1023	330	ND	0.997	1/11/2011	1/12/2011	
Hexachlorocyclopentadiene	EPA 8270C	11A1023	830	ND	0.997	1/11/2011	1/12/2011	
Hexachloroethane	EPA 8270C	11A1023	330	ND	0.997	1/11/2011	1/12/2011	
Indeno(1,2,3-cd)pyrene	EPA 8270C	11A1023	330	ND	0.997	1/11/2011	1/12/2011	
Isophorone	EPA 8270C	11A1023	330	ND	0.997	1/11/2011	1/12/2011	
2-Methylnaphthalene	EPA 8270C	11A1023	330	ND	0.997	1/11/2011	1/12/2011	
2-Methylphenol	EPA 8270C	11A1023	330	ND	0.997	1/11/2011	1/12/2011	
4-Methylphenol	EPA 8270C	11A1023	330	ND	0.997	1/11/2011	1/12/2011	
Naphthalene	EPA 8270C	11A1023	330	ND	0.997	1/11/2011	1/12/2011	
2-Nitroaniline	EPA 8270C	11A1023	330	ND	0.997	1/11/2011	1/12/2011	
3-Nitroaniline	EPA 8270C	11A1023	330	ND	0.997	1/11/2011	1/12/2011	
4-Nitroaniline	EPA 8270C	11A1023	830	ND	0.997	1/11/2011	1/12/2011	
Nitrobenzene	EPA 8270C	11A1023	330	ND	0.997	1/11/2011	1/12/2011	
2-Nitrophenol	EPA 8270C	11A1023	330	ND	0.997	1/11/2011	1/12/2011	
4-Nitrophenol	EPA 8270C	11A1023	830	ND	0.997	1/11/2011	1/12/2011	
N-Nitroso-di-n-propylamine	EPA 8270C	11A1023	250	ND	0.997	1/11/2011	1/12/2011	
N-Nitrosodiphenylamine	EPA 8270C	11A1023	330	ND	0.997	1/11/2011	1/12/2011	
Pentachlorophenol	EPA 8270C	11A1023	830	ND	0.997	1/11/2011	1/12/2011	
Phenanthrene	EPA 8270C	11A1023	330	ND	0.997	1/11/2011	1/12/2011	
Phenol	EPA 8270C	11A1023	330	ND	0.997	1/11/2011	1/12/2011	
Pyrene	EPA 8270C	11A1023	330	ND	0.997	1/11/2011	1/12/2011	
1,2,4-Trichlorobenzene	EPA 8270C	11A1023	330	ND	0.997	1/11/2011	1/12/2011	
2,4,5-Trichlorophenol	EPA 8270C	11A1023	330	ND	0.997	1/11/2011	1/12/2011	
2,4,6-Trichlorophenol	EPA 8270C	11A1023	330	ND	0.997	1/11/2011	1/12/2011	
Surrogate: 2,4,6-Tribromophenol (35-125%)				*63 %*				
Surrogate: 2-Fluorobiphenyl (35-120%)				*79 %*				
Surrogate: 2-Fluorophenol (25-120%)				*67 %*				
Surrogate: Nitrobenzene-d5 (30-120%)				*77 %*				
Surrogate: Phenol-d6 (35-120%)				*88 %*				
Surrogate: Terphenyl-d14 (40-135%)				*87 %*				

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Project ID: Ford Glendale (Star Lm)
093-91993-02
Report Number: IUA0751

Sampled: 01/07/11
Received: 01/07/11

SEMI-VOLATILE ORGANICS BY GC/MS (EPA 8270C)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IUA0751-17 (C-2 - Solid)					**Sampled: 01/07/11**			**RL2**
Reporting Units: ug/kg								
Acenaphthene	EPA 8270C	11A1023	660	ND	2	1/11/2011	1/12/2011	
Acenaphthylene	EPA 8270C	11A1023	660	ND	2	1/11/2011	1/12/2011	
Aniline	EPA 8270C	11A1023	830	ND	2	1/11/2011	1/12/2011	
Anthracene	EPA 8270C	11A1023	660	ND	2	1/11/2011	1/12/2011	
Benzidine	EPA 8270C	11A1023	1300	ND	2	1/11/2011	1/12/2011	
Benzo(a)anthracene	EPA 8270C	11A1023	660	ND	2	1/11/2011	1/12/2011	
Benzo(a)pyrene	EPA 8270C	11A1023	660	ND	2	1/11/2011	1/12/2011	
Benzo(b)fluoranthene	EPA 8270C	11A1023	660	ND	2	1/11/2011	1/12/2011	
Benzo(g,h,i)perylene	EPA 8270C	11A1023	660	ND	2	1/11/2011	1/12/2011	
Benzo(k)fluoranthene	EPA 8270C	11A1023	660	ND	2	1/11/2011	1/12/2011	
Benzoic acid	EPA 8270C	11A1023	1700	ND	2	1/11/2011	1/12/2011	
Benzyl alcohol	EPA 8270C	11A1023	660	ND	2	1/11/2011	1/12/2011	
4-Bromophenyl phenyl ether	EPA 8270C	11A1023	660	ND	2	1/11/2011	1/12/2011	
Butyl benzyl phthalate	EPA 8270C	11A1023	660	ND	2	1/11/2011	1/12/2011	
4-Chloro-3-methylphenol	EPA 8270C	11A1023	660	ND	2	1/11/2011	1/12/2011	
4-Chloroaniline	EPA 8270C	11A1023	660	ND	2	1/11/2011	1/12/2011	
Bis(2-chloroethoxy)methane	EPA 8270C	11A1023	660	ND	2	1/11/2011	1/12/2011	
Bis(2-chloroethyl)ether	EPA 8270C	11A1023	330	ND	2	1/11/2011	1/12/2011	
Bis(2-chloroisopropyl)ether	EPA 8270C	11A1023	660	ND	2	1/11/2011	1/12/2011	
Bis(2-ethylhexyl)phthalate	EPA 8270C	11A1023	660	3100	2	1/11/2011	1/12/2011	
2-Chloronaphthalene	EPA 8270C	11A1023	660	ND	2	1/11/2011	1/12/2011	
2-Chlorophenol	EPA 8270C	11A1023	660	ND	2	1/11/2011	1/12/2011	
4-Chlorophenyl phenyl ether	EPA 8270C	11A1023	660	ND	2	1/11/2011	1/12/2011	
Chrysene	EPA 8270C	11A1023	660	ND	2	1/11/2011	1/12/2011	
Dibenz(a,h)anthracene	EPA 8270C	11A1023	830	ND	2	1/11/2011	1/12/2011	
Dibenzofuran	EPA 8270C	11A1023	660	ND	2	1/11/2011	1/12/2011	
Di-n-butyl phthalate	EPA 8270C	11A1023	660	ND	2	1/11/2011	1/12/2011	
1,2-Dichlorobenzene	EPA 8270C	11A1023	660	ND	2	1/11/2011	1/12/2011	
1,3-Dichlorobenzene	EPA 8270C	11A1023	660	ND	2	1/11/2011	1/12/2011	
1,4-Dichlorobenzene	EPA 8270C	11A1023	660	ND	2	1/11/2011	1/12/2011	
3,3'-Dichlorobenzidine	EPA 8270C	11A1023	1700	ND	2	1/11/2011	1/12/2011	
2,4-Dichlorophenol	EPA 8270C	11A1023	660	ND	2	1/11/2011	1/12/2011	
Diethyl phthalate	EPA 8270C	11A1023	660	ND	2	1/11/2011	1/12/2011	
2,4-Dimethylphenol	EPA 8270C	11A1023	660	ND	2	1/11/2011	1/12/2011	
Dimethyl phthalate	EPA 8270C	11A1023	660	ND	2	1/11/2011	1/12/2011	
4,6-Dinitro-2-methylphenol	EPA 8270C	11A1023	830	ND	2	1/11/2011	1/12/2011	
2,4-Dinitrophenol	EPA 8270C	11A1023	1300	ND	2	1/11/2011	1/12/2011	
2,4-Dinitrotoluene	EPA 8270C	11A1023	660	ND	2	1/11/2011	1/12/2011	
2,6-Dinitrotoluene	EPA 8270C	11A1023	660	ND	2	1/11/2011	1/12/2011	
Di-n-octyl phthalate	EPA 8270C	11A1023	660	ND	2	1/11/2011	1/12/2011	
1,2-Diphenylhydrazine/Azobenzene	EPA 8270C	11A1023	660	ND	2	1/11/2011	1/12/2011	

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093-91993-02
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Sampled: 01/07/11
Received: 01/07/11

METALS

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IUA0751-01 (PG-1 - Soil)				**Sampled: 01/07/11**				
Reporting Units: mg/kg								
Mercury	EPA 7471A	11A1271	0.020	**0.053**	1	1/12/2011	1/12/2011	
Antimony	EPA 6010B	11A1059	9.9	**12**	0.985	1/11/2011	1/12/2011	
Arsenic	EPA 6010B	11A1059	2.0	**8.6**	0.985	1/11/2011	1/12/2011	
Barium	EPA 6010B	11A1059	0.99	**190**	0.985	1/11/2011	1/12/2011	
Beryllium	EPA 6010B	11A1059	0.49	ND	0.985	1/11/2011	1/12/2011	
Cadmium	EPA 6010B	11A1059	0.49	**5.5**	0.985	1/11/2011	1/12/2011	
Chromium	EPA 6010B	11A1059	0.99	**25**	0.985	1/11/2011	1/12/2011	
Cobalt	EPA 6010B	11A1059	0.99	**4.2**	0.985	1/11/2011	1/12/2011	
Copper	EPA 6010B	11A1059	2.0	**140**	0.985	1/11/2011	1/12/2011	
Lead	EPA 6010B	11A1059	2.0	**1700**	0.985	1/11/2011	1/12/2011	
Molybdenum	EPA 6010B	11A1059	2.0	**21**	0.985	1/11/2011	1/12/2011	
Nickel	EPA 6010B	11A1059	2.0	**12**	0.985	1/11/2011	1/12/2011	
Selenium	EPA 6010B	11A1059	2.0	ND	0.985	1/11/2011	1/12/2011	
Silver	EPA 6010B	11A1059	0.99	ND	0.985	1/11/2011	1/12/2011	
Thallium	EPA 6010B	11A1059	9.9	ND	0.985	1/11/2011	1/12/2011	
Vanadium	EPA 6010B	11A1059	0.99	**27**	0.985	1/11/2011	1/12/2011	
Zinc	EPA 6010B	11A1059	4.9	**580**	0.985	1/11/2011	1/12/2011	
Sample ID: IUA0751-02 (C-3 - Solid)				**Sampled: 01/07/11**				
Reporting Units: mg/kg								
Mercury	EPA 7471A	11A1271	0.020	ND	1	1/12/2011	1/12/2011	
Antimony	EPA 6010B	11A1059	10	ND	0.995	1/11/2011	1/12/2011	
Arsenic	EPA 6010B	11A1059	2.0	**3.1**	0.995	1/11/2011	1/12/2011	
Barium	EPA 6010B	11A1059	1.0	**86**	0.995	1/11/2011	1/12/2011	
Beryllium	EPA 6010B	11A1059	0.50	ND	0.995	1/11/2011	1/12/2011	
Cadmium	EPA 6010B	11A1059	0.50	ND	0.995	1/11/2011	1/12/2011	
Chromium	EPA 6010B	11A1059	1.0	**6.2**	0.995	1/11/2011	1/12/2011	
Cobalt	EPA 6010B	11A1059	1.0	**2.9**	0.995	1/11/2011	1/12/2011	
Copper	EPA 6010B	11A1059	2.0	**11**	0.995	1/11/2011	1/12/2011	
Lead	EPA 6010B	11A1059	2.0	**3.0**	0.995	1/11/2011	1/12/2011	
Molybdenum	EPA 6010B	11A1059	2.0	ND	0.995	1/11/2011	1/12/2011	
Nickel	EPA 6010B	11A1059	2.0	**4.4**	0.995	1/11/2011	1/12/2011	
Selenium	EPA 6010B	11A1059	2.0	ND	0.995	1/11/2011	1/12/2011	
Silver	EPA 6010B	11A1059	1.0	ND	0.995	1/11/2011	1/12/2011	
Thallium	EPA 6010B	11A1059	10	ND	0.995	1/11/2011	1/12/2011	
Vanadium	EPA 6010B	11A1059	1.0	**15**	0.995	1/11/2011	1/12/2011	
Zinc	EPA 6010B	11A1059	5.0	**21**	0.995	1/11/2011	1/12/2011	

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Project ID: Ford Glendale (Star Lm)
093-91993-02
Report Number: IUA0751

Sampled: 01/07/11
Received: 01/07/11

METALS

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IUA0751-14 (C-1 - Solid)					**Sampled: 01/07/11**			
Reporting Units: mg/kg								
Mercury	EPA 7471A	11A1271	0.020	**0.43**	1	1/12/2011	1/12/2011	
Antimony	EPA 6010B	11A1059	10	ND	0.995	1/11/2011	1/12/2011	
Arsenic	EPA 6010B	11A1059	2.0	**2.5**	0.995	1/11/2011	1/12/2011	
Barium	EPA 6010B	11A1059	1.0	**96**	0.995	1/11/2011	1/12/2011	
Beryllium	EPA 6010B	11A1059	0.50	ND	0.995	1/11/2011	1/12/2011	
Cadmium	EPA 6010B	11A1059	0.50	ND	0.995	1/11/2011	1/12/2011	
Chromium	EPA 6010B	11A1059	1.0	**10**	0.995	1/11/2011	1/12/2011	
Cobalt	EPA 6010B	11A1059	1.0	**3.1**	0.995	1/11/2011	1/12/2011	
Copper	EPA 6010B	11A1059	2.0	**7.4**	0.995	1/11/2011	1/12/2011	
Lead	EPA 6010B	11A1059	2.0	**3.3**	0.995	1/11/2011	1/12/2011	
Molybdenum	EPA 6010B	11A1059	2.0	ND	0.995	1/11/2011	1/12/2011	
Nickel	EPA 6010B	11A1059	2.0	**6.6**	0.995	1/11/2011	1/12/2011	
Selenium	EPA 6010B	11A1059	2.0	ND	0.995	1/11/2011	1/12/2011	
Silver	EPA 6010B	11A1059	1.0	ND	0.995	1/11/2011	1/12/2011	
Thallium	EPA 6010B	11A1059	10	ND	0.995	1/11/2011	1/12/2011	
Vanadium	EPA 6010B	11A1059	1.0	**28**	0.995	1/11/2011	1/12/2011	
Zinc	EPA 6010B	11A1059	5.0	**20**	0.995	1/11/2011	1/12/2011	
Sample ID: IUA0751-17 (C-2 - Solid)					**Sampled: 01/07/11**			
Reporting Units: mg/kg								
Mercury	EPA 7471A	11A1271	0.020	ND	1	1/12/2011	1/12/2011	
Antimony	EPA 6010B	11A1059	10	ND	1	1/11/2011	1/12/2011	
Arsenic	EPA 6010B	11A1059	2.0	**3.9**	1	1/11/2011	1/12/2011	
Barium	EPA 6010B	11A1059	1.0	**64**	1	1/11/2011	1/12/2011	
Beryllium	EPA 6010B	11A1059	0.50	ND	1	1/11/2011	1/12/2011	
Cadmium	EPA 6010B	11A1059	0.50	ND	1	1/11/2011	1/12/2011	
Chromium	EPA 6010B	11A1059	1.0	**9.6**	1	1/11/2011	1/12/2011	
Cobalt	EPA 6010B	11A1059	1.0	**2.5**	1	1/11/2011	1/12/2011	
Copper	EPA 6010B	11A1059	2.0	**6.2**	1	1/11/2011	1/12/2011	
Lead	EPA 6010B	11A1059	2.0	**9.7**	1	1/11/2011	1/12/2011	
Molybdenum	EPA 6010B	11A1059	2.0	ND	1	1/11/2011	1/12/2011	
Nickel	EPA 6010B	11A1059	2.0	**3.4**	1	1/11/2011	1/12/2011	
Selenium	EPA 6010B	11A1059	2.0	ND	1	1/11/2011	1/12/2011	
Silver	EPA 6010B	11A1059	1.0	ND	1	1/11/2011	1/12/2011	
Thallium	EPA 6010B	11A1059	10	ND	1	1/11/2011	1/12/2011	
Vanadium	EPA 6010B	11A1059	1.0	**23**	1	1/11/2011	1/12/2011	
Zinc	EPA 6010B	11A1059	5.0	**19**	1	1/11/2011	1/12/2011	

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TCLP METALS

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	TCLP Limit	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IUA0751-01 (PG-1 - Soil)					**Sampled: 01/07/11**				
Reporting Units: mg/l									
Lead	EPA 6010B	11B0814	0.10	**0.94**	1	5.0	2/7/2011	2/10/2011	

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STLC METALS

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	STLC Limit	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IUA0751-01 (PG-1 - Soil) - cont.					**Sampled: 01/07/11**				
Reporting Units: mg/l									
Lead	EPA 6010B	11B0100	0.10	22	1	5.0	2/1/2011	2/1/2011	

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Received: 01/07/11

WASTE EXTRACTION TEST (STLC) - Metals

Analyte	Method	Batch	Extraction Start Date	Extraction End Date	Data Qualifiers
Sample ID: IUA0751-01 (PG-1 - Soil)			**Sampled: 01/07/11**		
Extraction	STLC-Met	11A3335	1/29/2011	1/31/2011	

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Received: 01/07/11

TCLP EXTRACTION - Metals

Analyte	Method	Batch	Extraction Start Date	Extraction End Date	Data Qualifiers
Sample ID: IUA0751-01 (PG-1 - Soil)			**Sampled: 01/07/11**		
Extraction	EPA 1311-Met	11B0664	2/4/2011	2/5/2011	

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Received: 01/07/11

METHOD BLANK/QC DATA

EXTRACTABLE FUEL HYDROCARBONS (CADHS/8015B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 11A1025 Extracted: 01/11/11										
Blank Analyzed: 01/11/2011 (11A1025-BLK1)										
DRO (C10-C22)	ND	5.0	mg/kg							
ORO (C18-C40)	ND	5.0	mg/kg							
EFH (C10 - C28)	ND	5.0	mg/kg							
Surrogate: n-Octacosane	*6.54*		*mg/kg*	*6.67*		*98*	*40-140*			
LCS Analyzed: 01/11/2011 (11A1025-BS1)										
EFH (C10 - C28)	27.5	5.0	mg/kg	33.3		82	45-115			
Surrogate: n-Octacosane	*6.42*		*mg/kg*	*6.67*		*96*	*40-140*			
Matrix Spike Analyzed: 01/11/2011 (11A1025-MS1)					**Source: IUA0751-16**					
EFH (C10 - C28)	23.3	5.0	mg/kg	33.3	17.8	17	40-120			*M2*
Surrogate: n-Octacosane	*5.85*		*mg/kg*	*6.67*		*88*	*40-140*			
Matrix Spike Dup Analyzed: 01/11/2011 (11A1025-MSD1)					**Source: IUA0751-16**					
EFH (C10 - C28)	26.1	5.0	mg/kg	33.3	17.8	25	40-120	12	30	*M2*
Surrogate: n-Octacosane	*5.96*		*mg/kg*	*6.67*		*89*	*40-140*			

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METHOD BLANK/QC DATA

BTEX by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 11A1346 Extracted: 01/13/11										
Blank Analyzed: 01/13/2011 (11A1346-BLK1)										
Benzene	ND	2.0	ug/kg							
Ethylbenzene	ND	2.0	ug/kg							
Toluene	ND	2.0	ug/kg							
m,p-Xylenes	ND	2.0	ug/kg							
o-Xylene	ND	2.0	ug/kg							
Xylenes, Total	ND	4.0	ug/kg							
Surrogate: 4-Bromofluorobenzene	*47.1*		*ug/kg*	*50.0*		*94*	*80-120*			
Surrogate: Dibromofluoromethane	*48.3*		*ug/kg*	*50.0*		*97*	*80-125*			
Surrogate: Toluene-d8	*49.6*		*ug/kg*	*50.0*		*99*	*80-120*			
LCS Analyzed: 01/13/2011 (11A1346-BS1)										
Benzene	42.3	2.0	ug/kg	50.0		85	65-120			
Ethylbenzene	49.2	2.0	ug/kg	50.0		98	70-125			
Toluene	45.9	2.0	ug/kg	50.0		92	70-125			
m,p-Xylenes	98.2	2.0	ug/kg	100		98	70-125			
o-Xylene	48.9	2.0	ug/kg	50.0		98	70-125			
Xylenes, Total	147	4.0	ug/kg	150		98	70-125			
Surrogate: 4-Bromofluorobenzene	*49.6*		*ug/kg*	*50.0*		*99*	*80-120*			
Surrogate: Dibromofluoromethane	*49.5*		*ug/kg*	*50.0*		*99*	*80-125*			
Surrogate: Toluene-d8	*50.1*		*ug/kg*	*50.0*		*100*	*80-120*			
Matrix Spike Analyzed: 01/13/2011 (11A1346-MS1)					**Source: IUA0706-05**					
Benzene	216	9.5	ug/kg	238	7.13	88	65-130			
Ethylbenzene	242	9.5	ug/kg	238	4.06	100	70-135			
Toluene	232	9.5	ug/kg	238	3.96	96	70-130			
m,p-Xylenes	495	9.5	ug/kg	476	8.91	102	70-130			
o-Xylene	242	9.5	ug/kg	238	4.26	100	65-130			
Xylenes, Total	736	19	ug/kg	714	13.2	101	70-125			
Surrogate: 4-Bromofluorobenzene	*229*		*ug/kg*	*238*		*96*	*80-120*			
Surrogate: Dibromofluoromethane	*228*		*ug/kg*	*238*		*96*	*80-125*			
Surrogate: Toluene-d8	*240*		*ug/kg*	*238*		*101*	*80-120*			

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Project ID: Ford Glendale (Star Lm)
093-91993-02
Report Number: IUA0751

Sampled: 01/07/11
Received: 01/07/11

METHOD BLANK/QC DATA

BTEX by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 11A1346 Extracted: 01/13/11										
Matrix Spike Dup Analyzed: 01/13/2011 (11A1346-MSD1)					**Source: IUA0706-05**					
Benzene	215	9.7	ug/kg	243	7.13	86	65-130	0.6	20	
Ethylbenzene	256	9.7	ug/kg	243	4.06	104	70-135	6	25	
Toluene	236	9.7	ug/kg	243	3.96	96	70-130	2	20	
m,p-Xylenes	508	9.7	ug/kg	485	8.91	103	70-130	3	25	
o-Xylene	252	9.7	ug/kg	243	4.26	102	65-130	4	25	
Xylenes, Total	760	19	ug/kg	728	13.2	103	70-125	3	25	
Surrogate: 4-Bromofluorobenzene	*237*		*ug/kg*	*243*		*97*	*80-120*			
Surrogate: Dibromofluoromethane	*235*		*ug/kg*	*243*		*97*	*80-125*			
Surrogate: Toluene-d8	*241*		*ug/kg*	*243*		*99*	*80-120*			

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METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 11A1609 Extracted: 01/14/11										
Blank Analyzed: 01/14/2011 (11A1609-BLK1)										
Benzene	ND	2.0	ug/kg							
Bromobenzene	ND	5.0	ug/kg							
Bromochloromethane	ND	5.0	ug/kg							
Bromodichloromethane	ND	2.0	ug/kg							
Bromoform	ND	5.0	ug/kg							
Bromomethane	ND	5.0	ug/kg							
n-Butylbenzene	ND	5.0	ug/kg							
sec-Butylbenzene	ND	5.0	ug/kg							
tert-Butylbenzene	ND	5.0	ug/kg							
Carbon tetrachloride	ND	5.0	ug/kg							
Chlorobenzene	ND	2.0	ug/kg							
Chloroethane	ND	5.0	ug/kg							
Chloroform	ND	2.0	ug/kg							
Chloromethane	ND	5.0	ug/kg							
2-Chlorotoluene	ND	5.0	ug/kg							
4-Chlorotoluene	ND	5.0	ug/kg							
1,2-Dibromo-3-chloropropane	ND	5.0	ug/kg							
Dibromochloromethane	ND	2.0	ug/kg							
1,2-Dibromoethane (EDB)	ND	2.0	ug/kg							
Dibromomethane	ND	2.0	ug/kg							
1,2-Dichlorobenzene	ND	2.0	ug/kg							
1,3-Dichlorobenzene	ND	2.0	ug/kg							
1,4-Dichlorobenzene	ND	2.0	ug/kg							
Dichlorodifluoromethane	ND	5.0	ug/kg							
1,1-Dichloroethane	ND	2.0	ug/kg							
1,2-Dichloroethane	ND	2.0	ug/kg							
1,1-Dichloroethene	ND	5.0	ug/kg							
cis-1,2-Dichloroethene	ND	2.0	ug/kg							
trans-1,2-Dichloroethene	ND	2.0	ug/kg							
1,2-Dichloropropane	ND	2.0	ug/kg							
1,3-Dichloropropane	ND	2.0	ug/kg							
2,2-Dichloropropane	ND	2.0	ug/kg							
cis-1,3-Dichloropropene	ND	2.0	ug/kg							
trans-1,3-Dichloropropene	ND	2.0	ug/kg							
1,1-Dichloropropene	ND	2.0	ug/kg							
Ethylbenzene	ND	2.0	ug/kg							

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093-91993-02
Report Number: IUA0751

Sampled: 01/07/11
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METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 11A1609 Extracted: 01/14/11										
Blank Analyzed: 01/14/2011 (11A1609-BLK1)										
Hexachlorobutadiene	ND	5.0	ug/kg							
Isopropylbenzene	ND	2.0	ug/kg							
p-Isopropyltoluene	ND	2.0	ug/kg							
Methylene chloride	ND	20	ug/kg							
Naphthalene	ND	5.0	ug/kg							
n-Propylbenzene	ND	2.0	ug/kg							
Styrene	ND	2.0	ug/kg							
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg							
1,1,2,2-Tetrachloroethane	ND	2.0	ug/kg							
Tetrachloroethene	ND	2.0	ug/kg							
Toluene	ND	2.0	ug/kg							
1,2,3-Trichlorobenzene	ND	5.0	ug/kg							
1,2,4-Trichlorobenzene	ND	5.0	ug/kg							
1,1,1-Trichloroethane	ND	2.0	ug/kg							
1,1,2-Trichloroethane	ND	2.0	ug/kg							
Trichloroethene	ND	2.0	ug/kg							
Trichlorofluoromethane	ND	5.0	ug/kg							
1,2,3-Trichloropropane	ND	10	ug/kg							
1,2,4-Trimethylbenzene	ND	2.0	ug/kg							
1,3,5-Trimethylbenzene	ND	2.0	ug/kg							
Vinyl chloride	ND	5.0	ug/kg							
m,p-Xylenes	ND	2.0	ug/kg							
o-Xylene	ND	2.0	ug/kg							
Surrogate: 4-Bromofluorobenzene	*44.5*		*ug/kg*	*50.0*		*89*	*80-120*			
Surrogate: Dibromofluoromethane	*51.1*		*ug/kg*	*50.0*		*102*	*80-125*			
Surrogate: Toluene-d8	*50.6*		*ug/kg*	*50.0*		*101*	*80-120*			
LCS Analyzed: 01/14/2011 (11A1609-BS1)										
Benzene	51.1	2.0	ug/kg	50.0		102	65-120			
Bromobenzene	52.1	5.0	ug/kg	50.0		104	75-120			
Bromochloromethane	50.0	5.0	ug/kg	50.0		100	70-135			
Bromodichloromethane	44.5	2.0	ug/kg	50.0		89	70-135			
Bromoform	45.7	5.0	ug/kg	50.0		91	55-135			
Bromomethane	42.0	5.0	ug/kg	50.0		84	60-145			
n-Butylbenzene	49.9	5.0	ug/kg	50.0		100	70-130			
sec-Butylbenzene	53.9	5.0	ug/kg	50.0		108	70-125			

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VOLATILE ORGANICS by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 11A1609 Extracted: 01/14/11										
LCS Analyzed: 01/14/2011 (11A1609-BS1)										
tert-Butylbenzene	53.7	5.0	ug/kg	50.0		107	70-125			
Carbon tetrachloride	44.4	5.0	ug/kg	50.0		89	65-140			
Chlorobenzene	50.8	2.0	ug/kg	50.0		102	75-120			
Chloroethane	41.1	5.0	ug/kg	50.0		82	60-140			
Chloroform	46.2	2.0	ug/kg	50.0		92	70-130			
Chloromethane	37.2	5.0	ug/kg	50.0		74	45-145			
2-Chlorotoluene	50.7	5.0	ug/kg	50.0		101	70-125			
4-Chlorotoluene	50.6	5.0	ug/kg	50.0		101	75-125			
1,2-Dibromo-3-chloropropane	35.8	5.0	ug/kg	50.0		72	50-135			
Dibromochloromethane	41.9	2.0	ug/kg	50.0		84	65-140			
1,2-Dibromoethane (EDB)	48.8	2.0	ug/kg	50.0		98	70-130			
Dibromomethane	47.3	2.0	ug/kg	50.0		95	70-130			
1,2-Dichlorobenzene	51.1	2.0	ug/kg	50.0		102	75-120			
1,3-Dichlorobenzene	52.2	2.0	ug/kg	50.0		104	75-125			
1,4-Dichlorobenzene	50.7	2.0	ug/kg	50.0		101	75-120			
Dichlorodifluoromethane	30.0	5.0	ug/kg	50.0		60	35-160			
1,1-Dichloroethane	51.8	2.0	ug/kg	50.0		104	70-130			
1,2-Dichloroethane	46.0	2.0	ug/kg	50.0		92	60-140			
1,1-Dichloroethene	47.8	5.0	ug/kg	50.0		96	70-125			
cis-1,2-Dichloroethene	50.9	2.0	ug/kg	50.0		102	70-125			
trans-1,2-Dichloroethene	48.6	2.0	ug/kg	50.0		97	70-125			
1,2-Dichloropropane	53.4	2.0	ug/kg	50.0		107	70-130			
1,3-Dichloropropane	50.3	2.0	ug/kg	50.0		101	70-125			
2,2-Dichloropropane	54.7	2.0	ug/kg	50.0		109	60-145			
cis-1,3-Dichloropropene	54.5	2.0	ug/kg	50.0		109	75-125			
trans-1,3-Dichloropropene	47.7	2.0	ug/kg	50.0		95	70-135			
1,1-Dichloropropene	47.8	2.0	ug/kg	50.0		96	70-130			
Ethylbenzene	49.4	2.0	ug/kg	50.0		99	70-125			
Hexachlorobutadiene	47.3	5.0	ug/kg	50.0		95	60-135			
Isopropylbenzene	52.2	2.0	ug/kg	50.0		104	75-130			
p-Isopropyltoluene	54.3	2.0	ug/kg	50.0		109	75-125			
Methylene chloride	45.3	20	ug/kg	50.0		91	55-135			
Naphthalene	46.8	5.0	ug/kg	50.0		94	55-135			
n-Propylbenzene	51.1	2.0	ug/kg	50.0		102	70-130			
Styrene	52.9	2.0	ug/kg	50.0		106	75-130			
1,1,1,2-Tetrachloroethane	44.7	5.0	ug/kg	50.0		89	70-130			

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Project ID: Ford Glendale (Star Lm)
093-91993-02
Report Number: IUA0751

Sampled: 01/07/11
Received: 01/07/11

METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 11A1609 Extracted: 01/14/11										
LCS Analyzed: 01/14/2011 (11A1609-BS1)										
1,1,2,2-Tetrachloroethane	50.8	2.0	ug/kg	50.0		102	55-140			
Tetrachloroethene	47.3	2.0	ug/kg	50.0		95	70-125			
Toluene	50.8	2.0	ug/kg	50.0		102	70-125			
1,2,3-Trichlorobenzene	47.6	5.0	ug/kg	50.0		95	60-130			
1,2,4-Trichlorobenzene	49.2	5.0	ug/kg	50.0		98	70-135			
1,1,1-Trichloroethane	45.1	2.0	ug/kg	50.0		90	65-135			
1,1,2-Trichloroethane	47.8	2.0	ug/kg	50.0		96	65-135			
Trichloroethene	49.7	2.0	ug/kg	50.0		99	70-125			
Trichlorofluoromethane	42.6	5.0	ug/kg	50.0		85	60-145			
1,2,3-Trichloropropane	47.6	10	ug/kg	50.0		95	60-135			
1,2,4-Trimethylbenzene	53.4	2.0	ug/kg	50.0		107	70-125			
1,3,5-Trimethylbenzene	53.0	2.0	ug/kg	50.0		106	70-125			
Vinyl chloride	40.1	5.0	ug/kg	50.0		80	55-135			
m,p-Xylenes	106	2.0	ug/kg	100		106	70-125			
o-Xylene	50.9	2.0	ug/kg	50.0		102	70-125			
Surrogate: 4-Bromofluorobenzene	*46.2*		*ug/kg*	*50.0*		*92*	*80-120*			
Surrogate: Dibromofluoromethane	*51.3*		*ug/kg*	*50.0*		*103*	*80-125*			
Surrogate: Toluene-d8	*51.3*		*ug/kg*	*50.0*		*103*	*80-120*			
Matrix Spike Analyzed: 01/14/2011 (11A1609-MS1)					**Source: IUA1124-01**					
Benzene	278	10	ug/kg	260	ND	107	65-130			
Bromobenzene	320	26	ug/kg	260	ND	123	65-140			
Bromochloromethane	297	26	ug/kg	260	ND	114	65-145			
Bromodichloromethane	241	10	ug/kg	260	ND	93	65-145			
Bromoform	270	26	ug/kg	260	ND	104	50-145			
Bromomethane	238	26	ug/kg	260	ND	92	60-155			
n-Butylbenzene	210	26	ug/kg	260	ND	81	55-145			
sec-Butylbenzene	251	26	ug/kg	260	ND	96	60-135			
tert-Butylbenzene	272	26	ug/kg	260	ND	105	60-140			
Carbon tetrachloride	228	26	ug/kg	260	ND	87	60-145			
Chlorobenzene	272	10	ug/kg	260	ND	104	70-130			
Chloroethane	234	26	ug/kg	260	ND	90	60-150			
Chloroform	262	10	ug/kg	260	ND	101	65-135			
Chloromethane	214	26	ug/kg	260	ND	82	40-145			
2-Chlorotoluene	282	26	ug/kg	260	ND	108	60-135			
4-Chlorotoluene	284	26	ug/kg	260	ND	109	65-135			

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093-91993-02
Report Number: IUA0751

Sampled: 01/07/11
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METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 11A1609 Extracted: 01/14/11										
Matrix Spike Analyzed: 01/14/2011 (11A1609-MS1)					**Source: IUA1124-01**					
1,2-Dibromo-3-chloropropane	278	26	ug/kg	260	ND	107	40-150			
Dibromochloromethane	238	10	ug/kg	260	ND	91	60-145			
1,2-Dibromoethane (EDB)	311	10	ug/kg	260	ND	120	65-140			
Dibromomethane	276	10	ug/kg	260	ND	106	65-140			
1,2-Dichlorobenzene	286	10	ug/kg	260	ND	110	70-130			
1,3-Dichlorobenzene	279	10	ug/kg	260	ND	107	70-130			
1,4-Dichlorobenzene	276	10	ug/kg	260	ND	106	70-130			
Dichlorodifluoromethane	167	26	ug/kg	260	ND	64	30-160			
1,1-Dichloroethane	298	10	ug/kg	260	ND	114	65-135			
1,2-Dichloroethane	263	10	ug/kg	260	ND	101	60-150			
1,1-Dichloroethene	274	26	ug/kg	260	ND	105	65-135			
cis-1,2-Dichloroethene	289	10	ug/kg	260	ND	111	65-135			
trans-1,2-Dichloroethene	280	10	ug/kg	260	ND	108	70-135			
1,2-Dichloropropane	291	10	ug/kg	260	ND	112	65-130			
1,3-Dichloropropane	303	10	ug/kg	260	ND	117	65-140			
2,2-Dichloropropane	323	10	ug/kg	260	ND	124	65-150			
cis-1,3-Dichloropropene	296	10	ug/kg	260	ND	114	70-135			
trans-1,3-Dichloropropene	264	10	ug/kg	260	ND	102	60-145			
1,1-Dichloropropene	249	10	ug/kg	260	ND	95	65-135			
Ethylbenzene	258	10	ug/kg	260	ND	99	70-135			
Hexachlorobutadiene	126	26	ug/kg	260	ND	48	50-145			*M2*
Isopropylbenzene	290	10	ug/kg	260	ND	111	70-145			
p-Isopropyltoluene	253	10	ug/kg	260	ND	97	60-140			
Methylene chloride	268	100	ug/kg	260	ND	103	55-145			
Naphthalene	289	26	ug/kg	260	ND	111	40-150			
n-Propylbenzene	270	10	ug/kg	260	ND	104	65-140			
Styrene	278	10	ug/kg	260	ND	107	70-140			
1,1,1,2-Tetrachloroethane	241	26	ug/kg	260	ND	93	65-145			
1,1,2,2-Tetrachloroethane	335	10	ug/kg	260	ND	129	40-160			
Tetrachloroethene	236	10	ug/kg	260	ND	91	65-135			
Toluene	262	10	ug/kg	260	ND	101	70-130			
1,2,3-Trichlorobenzene	219	26	ug/kg	260	ND	84	45-145			
1,2,4-Trichlorobenzene	222	26	ug/kg	260	ND	85	50-140			
1,1,1-Trichloroethane	249	10	ug/kg	260	ND	96	65-145			
1,1,2-Trichloroethane	284	10	ug/kg	260	ND	109	65-140			
Trichloroethene	283	10	ug/kg	260	ND	109	65-140			

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Report Number: IUA0751

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METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 11A1609 Extracted: 01/14/11										
Matrix Spike Analyzed: 01/14/2011 (11A1609-MS1)					**Source: IUA1124-01**					
Trichlorofluoromethane	238	26	ug/kg	260	ND	92	55-155			
1,2,3-Trichloropropane	363	52	ug/kg	260	ND	139	50-150			
1,2,4-Trimethylbenzene	282	10	ug/kg	260	ND	108	65-140			
1,3,5-Trimethylbenzene	283	10	ug/kg	260	3.76	107	65-135			
Vinyl chloride	229	26	ug/kg	260	ND	88	55-140			
m,p-Xylenes	543	10	ug/kg	521	4.16	103	70-130			
o-Xylene	260	10	ug/kg	260	ND	100	65-130			
Surrogate: 4-Bromofluorobenzene	*227*		*ug/kg*	*260*		*87*	*80-120*			
Surrogate: Dibromofluoromethane	*280*		*ug/kg*	*260*		*108*	*80-125*			
Surrogate: Toluene-d8	*258*		*ug/kg*	*260*		*99*	*80-120*			
Matrix Spike Dup Analyzed: 01/14/2011 (11A1609-MSD1)					**Source: IUA1124-01**					
Benzene	255	9.7	ug/kg	243	ND	105	65-130	9	20	
Bromobenzene	295	24	ug/kg	243	ND	122	65-140	8	25	
Bromochloromethane	273	24	ug/kg	243	ND	112	65-145	8	25	
Bromodichloromethane	220	9.7	ug/kg	243	ND	91	65-145	9	20	
Bromoform	242	24	ug/kg	243	ND	100	50-145	11	30	
Bromomethane	226	24	ug/kg	243	ND	93	60-155	5	25	
n-Butylbenzene	168	24	ug/kg	243	ND	69	55-145	22	30	
sec-Butylbenzene	211	24	ug/kg	243	ND	87	60-135	17	25	
tert-Butylbenzene	239	24	ug/kg	243	ND	98	60-140	13	25	
Carbon tetrachloride	200	24	ug/kg	243	ND	83	60-145	13	25	
Chlorobenzene	242	9.7	ug/kg	243	ND	100	70-130	12	25	
Chloroethane	224	24	ug/kg	243	ND	92	60-150	5	25	
Chloroform	247	9.7	ug/kg	243	ND	102	65-135	6	20	
Chloromethane	204	24	ug/kg	243	ND	84	40-145	5	25	
2-Chlorotoluene	254	24	ug/kg	243	ND	105	60-135	10	25	
4-Chlorotoluene	258	24	ug/kg	243	ND	106	65-135	10	25	
1,2-Dibromo-3-chloropropane	228	24	ug/kg	243	ND	94	40-150	20	30	
Dibromochloromethane	220	9.7	ug/kg	243	ND	91	60-145	8	25	
1,2-Dibromoethane (EDB)	276	9.7	ug/kg	243	ND	114	65-140	12	25	
Dibromomethane	247	9.7	ug/kg	243	ND	102	65-140	11	25	
1,2-Dichlorobenzene	248	9.7	ug/kg	243	ND	102	70-130	14	25	
1,3-Dichlorobenzene	250	9.7	ug/kg	243	ND	103	70-130	11	25	
1,4-Dichlorobenzene	246	9.7	ug/kg	243	ND	101	70-130	12	25	
Dichlorodifluoromethane	157	24	ug/kg	243	ND	64	30-160	7	35	

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Project ID: Ford Glendale (Star Lm)
093-91993-02
Report Number: IUA0751

Sampled: 01/07/11
Received: 01/07/11

METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 11A1609 Extracted: 01/14/11										
Matrix Spike Dup Analyzed: 01/14/2011 (11A1609-MSD1)					**Source: IUA1124-01**					
1,1-Dichloroethane	280	9.7	ug/kg	243	ND	115	65-135	6	25	
1,2-Dichloroethane	238	9.7	ug/kg	243	ND	98	60-150	10	25	
1,1-Dichloroethene	247	24	ug/kg	243	ND	102	65-135	10	25	
cis-1,2-Dichloroethene	270	9.7	ug/kg	243	ND	111	65-135	7	25	
trans-1,2-Dichloroethene	260	9.7	ug/kg	243	ND	107	70-135	7	25	
1,2-Dichloropropane	269	9.7	ug/kg	243	ND	111	65-130	8	20	
1,3-Dichloropropane	281	9.7	ug/kg	243	ND	116	65-140	8	25	
2,2-Dichloropropane	308	9.7	ug/kg	243	ND	127	65-150	5	25	
cis-1,3-Dichloropropene	265	9.7	ug/kg	243	ND	109	70-135	11	25	
trans-1,3-Dichloropropene	237	9.7	ug/kg	243	ND	98	60-145	11	25	
1,1-Dichloropropene	219	9.7	ug/kg	243	ND	90	65-135	13	20	
Ethylbenzene	221	9.7	ug/kg	243	ND	91	70-135	15	25	
Hexachlorobutadiene	102	24	ug/kg	243	ND	42	50-145	21	35	*M2*
Isopropylbenzene	259	9.7	ug/kg	243	ND	107	70-145	11	25	
p-Isopropyltoluene	216	9.7	ug/kg	243	ND	89	60-140	16	25	
Methylene chloride	250	97	ug/kg	243	ND	103	55-145	7	25	
Naphthalene	219	24	ug/kg	243	ND	90	40-150	28	40	
n-Propylbenzene	235	9.7	ug/kg	243	ND	97	65-140	14	25	
Styrene	240	9.7	ug/kg	243	ND	99	70-140	14	25	
1,1,1,2-Tetrachloroethane	220	24	ug/kg	243	ND	90	65-145	10	20	
1,1,2,2-Tetrachloroethane	303	9.7	ug/kg	243	ND	125	40-160	10	30	
Tetrachloroethene	205	9.7	ug/kg	243	ND	84	65-135	14	25	
Toluene	231	9.7	ug/kg	243	ND	95	70-130	12	20	
1,2,3-Trichlorobenzene	177	24	ug/kg	243	ND	73	45-145	21	30	
1,2,4-Trichlorobenzene	182	24	ug/kg	243	ND	75	50-140	20	30	
1,1,1-Trichloroethane	232	9.7	ug/kg	243	ND	95	65-145	7	20	
1,1,2-Trichloroethane	244	9.7	ug/kg	243	ND	100	65-140	15	30	
Trichloroethene	254	9.7	ug/kg	243	ND	105	65-140	11	25	
Trichlorofluoromethane	215	24	ug/kg	243	ND	89	55-155	10	25	
1,2,3-Trichloropropane	323	49	ug/kg	243	ND	133	50-150	11	30	
1,2,4-Trimethylbenzene	239	9.7	ug/kg	243	ND	98	65-140	17	25	
1,3,5-Trimethylbenzene	250	9.7	ug/kg	243	3.76	101	65-135	12	25	
Vinyl chloride	220	24	ug/kg	243	ND	91	55-140	4	30	
m,p-Xylenes	457	9.7	ug/kg	485	4.16	93	70-130	17	25	
o-Xylene	226	9.7	ug/kg	243	ND	93	65-130	14	25	
Surrogate: 4-Bromofluorobenzene	*206*		*ug/kg*	*243*		*85*	*80-120*			

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093-91993-02
Report Number: IUA0751

Sampled: 01/07/11
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METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 11A1609 Extracted: 01/14/11										
Matrix Spike Dup Analyzed: 01/14/2011 (11A1609-MSD1)					**Source: IUA1124-01**					
Surrogate: Dibromofluoromethane	*265*		*ug/kg*	*243*		*109*	*80-125*			
Surrogate: Toluene-d8	*236*		*ug/kg*	*243*		*97*	*80-120*			
Batch: 11A1613 Extracted: 01/14/11										
Blank Analyzed: 01/14/2011 (11A1613-BLK1)										
Benzene	ND	2.0	ug/kg							
Bromobenzene	ND	5.0	ug/kg							
Bromochloromethane	ND	5.0	ug/kg							
Bromodichloromethane	ND	2.0	ug/kg							
Bromoform	ND	5.0	ug/kg							
Bromomethane	ND	5.0	ug/kg							
n-Butylbenzene	ND	5.0	ug/kg							
sec-Butylbenzene	ND	5.0	ug/kg							
tert-Butylbenzene	ND	5.0	ug/kg							
Carbon tetrachloride	ND	5.0	ug/kg							
Chlorobenzene	ND	2.0	ug/kg							
Chloroethane	ND	5.0	ug/kg							
Chloroform	ND	2.0	ug/kg							
Chloromethane	ND	5.0	ug/kg							
2-Chlorotoluene	ND	5.0	ug/kg							
4-Chlorotoluene	ND	5.0	ug/kg							
1,2-Dibromo-3-chloropropane	ND	5.0	ug/kg							
Dibromochloromethane	ND	2.0	ug/kg							
1,2-Dibromoethane (EDB)	ND	2.0	ug/kg							
Dibromomethane	ND	2.0	ug/kg							
1,2-Dichlorobenzene	ND	2.0	ug/kg							
1,3-Dichlorobenzene	ND	2.0	ug/kg							
1,4-Dichlorobenzene	ND	2.0	ug/kg							
Dichlorodifluoromethane	ND	5.0	ug/kg							
1,1-Dichloroethane	ND	2.0	ug/kg							
1,2-Dichloroethane	ND	2.0	ug/kg							
1,1-Dichloroethene	ND	5.0	ug/kg							
cis-1,2-Dichloroethene	ND	2.0	ug/kg							
trans-1,2-Dichloroethene	ND	2.0	ug/kg							
1,2-Dichloropropane	ND	2.0	ug/kg							

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093-91993-02
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METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 11A1613 Extracted: 01/14/11										
Blank Analyzed: 01/14/2011 (11A1613-BLK1)										
1,3-Dichloropropane	ND	2.0	ug/kg							
2,2-Dichloropropane	ND	2.0	ug/kg							
cis-1,3-Dichloropropene	ND	2.0	ug/kg							
trans-1,3-Dichloropropene	ND	2.0	ug/kg							
1,1-Dichloropropene	ND	2.0	ug/kg							
Ethylbenzene	ND	2.0	ug/kg							
Hexachlorobutadiene	ND	5.0	ug/kg							
Isopropylbenzene	ND	2.0	ug/kg							
p-Isopropyltoluene	ND	2.0	ug/kg							
Methylene chloride	ND	20	ug/kg							
Naphthalene	ND	5.0	ug/kg							
n-Propylbenzene	ND	2.0	ug/kg							
Styrene	ND	2.0	ug/kg							
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg							
1,1,2,2-Tetrachloroethane	ND	2.0	ug/kg							
Tetrachloroethene	ND	2.0	ug/kg							
Toluene	ND	2.0	ug/kg							
1,2,3-Trichlorobenzene	ND	5.0	ug/kg							
1,2,4-Trichlorobenzene	ND	5.0	ug/kg							
1,1,1-Trichloroethane	ND	2.0	ug/kg							
1,1,2-Trichloroethane	ND	2.0	ug/kg							
Trichloroethene	ND	2.0	ug/kg							
Trichlorofluoromethane	ND	5.0	ug/kg							
1,2,3-Trichloropropane	ND	10	ug/kg							
1,2,4-Trimethylbenzene	ND	2.0	ug/kg							
1,3,5-Trimethylbenzene	ND	2.0	ug/kg							
Vinyl chloride	ND	5.0	ug/kg							
m,p-Xylenes	ND	2.0	ug/kg							
o-Xylene	ND	2.0	ug/kg							
Surrogate: 4-Bromofluorobenzene	*45.1*		*ug/kg*	*50.0*		*90*	*80-120*			
Surrogate: Dibromofluoromethane	*47.6*		*ug/kg*	*50.0*		*95*	*80-125*			
Surrogate: Toluene-d8	*51.1*		*ug/kg*	*50.0*		*102*	*80-120*			

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093-91993-02
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Sampled: 01/07/11
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METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 11A1613 Extracted: 01/14/11										
LCS Analyzed: 01/14/2011 (11A1613-BS1)										
Benzene	46.8	2.0	ug/kg	50.0		94	65-120			
Bromobenzene	48.6	5.0	ug/kg	50.0		97	75-120			
Bromochloromethane	47.0	5.0	ug/kg	50.0		94	70-135			
Bromodichloromethane	40.2	2.0	ug/kg	50.0		80	70-135			
Bromoform	42.5	5.0	ug/kg	50.0		85	55-135			
Bromomethane	34.8	5.0	ug/kg	50.0		70	60-145			
n-Butylbenzene	45.3	5.0	ug/kg	50.0		91	70-130			
sec-Butylbenzene	48.3	5.0	ug/kg	50.0		97	70-125			
tert-Butylbenzene	48.7	5.0	ug/kg	50.0		97	70-125			
Carbon tetrachloride	39.5	5.0	ug/kg	50.0		79	65-140			
Chlorobenzene	47.2	2.0	ug/kg	50.0		94	75-120			
Chloroethane	34.1	5.0	ug/kg	50.0		68	60-140			
Chloroform	41.4	2.0	ug/kg	50.0		83	70-130			
Chloromethane	29.4	5.0	ug/kg	50.0		59	45-145			
2-Chlorotoluene	45.6	5.0	ug/kg	50.0		91	70-125			
4-Chlorotoluene	45.6	5.0	ug/kg	50.0		91	75-125			
1,2-Dibromo-3-chloropropane	35.3	5.0	ug/kg	50.0		71	50-135			
Dibromochloromethane	38.2	2.0	ug/kg	50.0		76	65-140			
1,2-Dibromoethane (EDB)	46.9	2.0	ug/kg	50.0		94	70-130			
Dibromomethane	44.3	2.0	ug/kg	50.0		89	70-130			
1,2-Dichlorobenzene	47.3	2.0	ug/kg	50.0		95	75-120			
1,3-Dichlorobenzene	48.1	2.0	ug/kg	50.0		96	75-125			
1,4-Dichlorobenzene	46.7	2.0	ug/kg	50.0		93	75-120			
Dichlorodifluoromethane	20.1	5.0	ug/kg	50.0		40	35-160			
1,1-Dichloroethane	45.8	2.0	ug/kg	50.0		92	70-130			
1,2-Dichloroethane	41.9	2.0	ug/kg	50.0		84	60-140			
1,1-Dichloroethene	42.6	5.0	ug/kg	50.0		85	70-125			
cis-1,2-Dichloroethene	46.5	2.0	ug/kg	50.0		93	70-125			
trans-1,2-Dichloroethene	44.6	2.0	ug/kg	50.0		89	70-125			
1,2-Dichloropropane	49.2	2.0	ug/kg	50.0		98	70-130			
1,3-Dichloropropane	47.9	2.0	ug/kg	50.0		96	70-125			
2,2-Dichloropropane	53.9	2.0	ug/kg	50.0		108	60-145			
cis-1,3-Dichloropropene	51.0	2.0	ug/kg	50.0		102	75-125			
trans-1,3-Dichloropropene	45.4	2.0	ug/kg	50.0		91	70-135			
1,1-Dichloropropene	44.0	2.0	ug/kg	50.0		88	70-130			
Ethylbenzene	45.3	2.0	ug/kg	50.0		91	70-125			

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093-91993-02
Report Number: IUA0751

Sampled: 01/07/11
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METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 11A1613 Extracted: 01/14/11										
LCS Analyzed: 01/14/2011 (11A1613-BS1)										
Hexachlorobutadiene	45.4	5.0	ug/kg	50.0		91	60-135			
Isopropylbenzene	46.8	2.0	ug/kg	50.0		94	75-130			
p-Isopropyltoluene	49.4	2.0	ug/kg	50.0		99	75-125			
Methylene chloride	40.8	20	ug/kg	50.0		82	55-135			
Naphthalene	46.8	5.0	ug/kg	50.0		94	55-135			
n-Propylbenzene	45.6	2.0	ug/kg	50.0		91	70-130			
Styrene	49.1	2.0	ug/kg	50.0		98	75-130			
1,1,1,2-Tetrachloroethane	41.0	5.0	ug/kg	50.0		82	70-130			
1,1,2,2-Tetrachloroethane	47.9	2.0	ug/kg	50.0		96	55-140			
Tetrachloroethene	44.9	2.0	ug/kg	50.0		90	70-125			
Toluene	46.2	2.0	ug/kg	50.0		92	70-125			
1,2,3-Trichlorobenzene	47.0	5.0	ug/kg	50.0		94	60-130			
1,2,4-Trichlorobenzene	49.1	5.0	ug/kg	50.0		98	70-135			
1,1,1-Trichloroethane	40.4	2.0	ug/kg	50.0		81	65-135			
1,1,2-Trichloroethane	45.6	2.0	ug/kg	50.0		91	65-135			
Trichloroethene	46.3	2.0	ug/kg	50.0		93	70-125			
Trichlorofluoromethane	34.6	5.0	ug/kg	50.0		69	60-145			
1,2,3-Trichloropropane	44.9	10	ug/kg	50.0		90	60-135			
1,2,4-Trimethylbenzene	47.9	2.0	ug/kg	50.0		96	70-125			
1,3,5-Trimethylbenzene	47.7	2.0	ug/kg	50.0		95	70-125			
Vinyl chloride	31.6	5.0	ug/kg	50.0		63	55-135			
m,p-Xylenes	97.8	2.0	ug/kg	100		98	70-125			
o-Xylene	47.0	2.0	ug/kg	50.0		94	70-125			
Surrogate: 4-Bromofluorobenzene	*46.7*		*ug/kg*	*50.0*		*93*	*80-120*			
Surrogate: Dibromofluoromethane	*50.3*		*ug/kg*	*50.0*		*101*	*80-125*			
Surrogate: Toluene-d8	*51.0*		*ug/kg*	*50.0*		*102*	*80-120*			
Matrix Spike Analyzed: 01/14/2011 (11A1613-MS1)					**Source: IUA1266-03RE1**					
Benzene	49.2	2.0	ug/kg	50.0	ND	98	65-130			
Bromobenzene	51.6	5.0	ug/kg	50.0	ND	103	65-140			
Bromochloromethane	48.7	5.0	ug/kg	50.0	ND	97	65-145			
Bromodichloromethane	41.6	2.0	ug/kg	50.0	ND	83	65-145			
Bromoform	45.4	5.0	ug/kg	50.0	ND	91	50-145			
Bromomethane	38.8	5.0	ug/kg	50.0	ND	78	60-155			
n-Butylbenzene	43.2	5.0	ug/kg	50.0	ND	86	55-145			
sec-Butylbenzene	48.3	5.0	ug/kg	50.0	ND	97	60-135			

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METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 11A1613 Extracted: 01/14/11										
Matrix Spike Analyzed: 01/14/2011 (11A1613-MS1)					**Source: IUA1266-03RE1**					
tert-Butylbenzene	50.0	5.0	ug/kg	50.0	ND	100	60-140			
Carbon tetrachloride	42.0	5.0	ug/kg	50.0	ND	84	60-145			
Chlorobenzene	49.3	2.0	ug/kg	50.0	ND	99	70-130			
Chloroethane	38.0	5.0	ug/kg	50.0	ND	76	60-150			
Chloroform	44.0	2.0	ug/kg	50.0	ND	88	65-135			
Chloromethane	34.6	5.0	ug/kg	50.0	ND	69	40-145			
2-Chlorotoluene	48.0	5.0	ug/kg	50.0	ND	96	60-135			
4-Chlorotoluene	48.2	5.0	ug/kg	50.0	ND	96	65-135			
1,2-Dibromo-3-chloropropane	36.5	5.0	ug/kg	50.0	ND	73	40-150			
Dibromochloromethane	40.0	2.0	ug/kg	50.0	ND	80	60-145			
1,2-Dibromoethane (EDB)	49.2	2.0	ug/kg	50.0	ND	98	65-140			
Dibromomethane	46.6	2.0	ug/kg	50.0	ND	93	65-140			
1,2-Dichlorobenzene	49.3	2.0	ug/kg	50.0	ND	99	70-130			
1,3-Dichlorobenzene	49.4	2.0	ug/kg	50.0	ND	99	70-130			
1,4-Dichlorobenzene	48.5	2.0	ug/kg	50.0	ND	97	70-130			
Dichlorodifluoromethane	28.1	5.0	ug/kg	50.0	ND	56	30-160			
1,1-Dichloroethane	49.0	2.0	ug/kg	50.0	ND	98	65-135			
1,2-Dichloroethane	43.5	2.0	ug/kg	50.0	ND	87	60-150			
1,1-Dichloroethene	45.9	5.0	ug/kg	50.0	ND	92	65-135			
cis-1,2-Dichloroethene	49.3	2.0	ug/kg	50.0	ND	99	65-135			
trans-1,2-Dichloroethene	47.4	2.0	ug/kg	50.0	ND	95	70-135			
1,2-Dichloropropane	50.9	2.0	ug/kg	50.0	ND	102	65-130			
1,3-Dichloropropane	49.7	2.0	ug/kg	50.0	ND	99	65-140			
2,2-Dichloropropane	60.6	2.0	ug/kg	50.0	ND	121	65-150			
cis-1,3-Dichloropropene	52.4	2.0	ug/kg	50.0	ND	105	70-135			
trans-1,3-Dichloropropene	46.8	2.0	ug/kg	50.0	ND	94	60-145			
1,1-Dichloropropene	46.0	2.0	ug/kg	50.0	ND	92	65-135			
Ethylbenzene	47.3	2.0	ug/kg	50.0	ND	95	70-135			
Hexachlorobutadiene	34.3	5.0	ug/kg	50.0	ND	69	50-145			
Isopropylbenzene	49.4	2.0	ug/kg	50.0	ND	99	70-145			
p-Isopropyltoluene	48.6	2.0	ug/kg	50.0	ND	97	60-140			
Methylene chloride	43.3	20	ug/kg	50.0	ND	87	55-145			
Naphthalene	48.8	5.0	ug/kg	50.0	ND	98	40-150			
n-Propylbenzene	47.2	2.0	ug/kg	50.0	ND	94	65-140			
Styrene	51.6	2.0	ug/kg	50.0	ND	103	70-140			
1,1,1,2-Tetrachloroethane	42.8	5.0	ug/kg	50.0	ND	86	65-145			

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Project ID: Ford Glendale (Star Lm)
093-91993-02
Report Number: IUA0751

Sampled: 01/07/11
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METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 11A1613 Extracted: 01/14/11										
Matrix Spike Analyzed: 01/14/2011 (11A1613-MS1)					**Source: IUA1266-03RE1**					
1,1,2,2-Tetrachloroethane	45.8	2.0	ug/kg	50.0	ND	92	40-160			
Tetrachloroethene	46.6	2.0	ug/kg	50.0	ND	93	65-135			
Toluene	48.5	2.0	ug/kg	50.0	ND	97	70-130			
1,2,3-Trichlorobenzene	45.2	5.0	ug/kg	50.0	ND	90	45-145			
1,2,4-Trichlorobenzene	46.5	5.0	ug/kg	50.0	ND	93	50-140			
1,1,1-Trichloroethane	43.6	2.0	ug/kg	50.0	ND	87	65-145			
1,1,2-Trichloroethane	47.0	2.0	ug/kg	50.0	ND	94	65-140			
Trichloroethene	53.2	2.0	ug/kg	50.0	ND	106	65-140			
Trichlorofluoromethane	39.2	5.0	ug/kg	50.0	ND	78	55-155			
1,2,3-Trichloropropane	48.0	10	ug/kg	50.0	ND	96	50-150			
1,2,4-Trimethylbenzene	50.2	2.0	ug/kg	50.0	ND	100	65-140			
1,3,5-Trimethylbenzene	49.5	2.0	ug/kg	50.0	ND	99	65-135			
Vinyl chloride	37.4	5.0	ug/kg	50.0	ND	75	55-140			
m,p-Xylenes	103	2.0	ug/kg	100	ND	103	70-130			
o-Xylene	49.1	2.0	ug/kg	50.0	ND	98	65-130			
Surrogate: 4-Bromofluorobenzene	*46.1*		*ug/kg*	*50.0*		*92*	*80-120*			
Surrogate: Dibromofluoromethane	*49.9*		*ug/kg*	*50.0*		*100*	*80-125*			
Surrogate: Toluene-d8	*50.8*		*ug/kg*	*50.0*		*102*	*80-120*			
Matrix Spike Dup Analyzed: 01/14/2011 (11A1613-MSD1)					**Source: IUA1266-03RE1**					
Benzene	49.7	2.0	ug/kg	49.7	ND	100	65-130	1	20	
Bromobenzene	54.0	5.0	ug/kg	49.7	ND	109	65-140	5	25	
Bromochloromethane	48.6	5.0	ug/kg	49.7	ND	98	65-145	0.3	25	
Bromodichloromethane	41.8	2.0	ug/kg	49.7	ND	84	65-145	0.5	20	
Bromoform	43.0	5.0	ug/kg	49.7	ND	86	50-145	5	30	
Bromomethane	39.8	5.0	ug/kg	49.7	ND	80	60-155	3	25	
n-Butylbenzene	45.8	5.0	ug/kg	49.7	ND	92	55-145	6	30	
sec-Butylbenzene	52.0	5.0	ug/kg	49.7	ND	105	60-135	7	25	
tert-Butylbenzene	53.8	5.0	ug/kg	49.7	ND	108	60-140	7	25	
Carbon tetrachloride	43.5	5.0	ug/kg	49.7	ND	88	60-145	3	25	
Chlorobenzene	49.8	2.0	ug/kg	49.7	ND	100	70-130	1	25	
Chloroethane	39.7	5.0	ug/kg	49.7	ND	80	60-150	4	25	
Chloroform	44.6	2.0	ug/kg	49.7	ND	90	65-135	1	20	
Chloromethane	35.5	5.0	ug/kg	49.7	ND	71	40-145	2	25	
2-Chlorotoluene	51.4	5.0	ug/kg	49.7	ND	103	60-135	7	25	
4-Chlorotoluene	51.3	5.0	ug/kg	49.7	ND	103	65-135	6	25	

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093-91993-02
Report Number: IUA0751

Sampled: 01/07/11
Received: 01/07/11

METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 11A1613 Extracted: 01/14/11										
Matrix Spike Dup Analyzed: 01/14/2011 (11A1613-MSD1)					**Source: IUA1266-03RE1**					
1,2-Dibromo-3-chloropropane	34.4	5.0	ug/kg	49.7	ND	69	40-150	6	30	
Dibromochloromethane	40.0	2.0	ug/kg	49.7	ND	80	60-145	0.05	25	
1,2-Dibromoethane (EDB)	46.0	2.0	ug/kg	49.7	ND	93	65-140	7	25	
Dibromomethane	43.9	2.0	ug/kg	49.7	ND	88	65-140	6	25	
1,2-Dichlorobenzene	49.7	2.0	ug/kg	49.7	ND	100	70-130	0.7	25	
1,3-Dichlorobenzene	52.0	2.0	ug/kg	49.7	ND	105	70-130	5	25	
1,4-Dichlorobenzene	50.6	2.0	ug/kg	49.7	ND	102	70-130	4	25	
Dichlorodifluoromethane	28.8	5.0	ug/kg	49.7	ND	58	30-160	2	35	
1,1-Dichloroethane	49.8	2.0	ug/kg	49.7	ND	100	65-135	2	25	
1,2-Dichloroethane	42.1	2.0	ug/kg	49.7	ND	85	60-150	3	25	
1,1-Dichloroethene	46.6	5.0	ug/kg	49.7	ND	94	65-135	1	25	
cis-1,2-Dichloroethene	49.5	2.0	ug/kg	49.7	ND	100	65-135	0.3	25	
trans-1,2-Dichloroethene	48.8	2.0	ug/kg	49.7	ND	98	70-135	3	25	
1,2-Dichloropropane	51.1	2.0	ug/kg	49.7	ND	103	65-130	0.3	20	
1,3-Dichloropropane	48.0	2.0	ug/kg	49.7	ND	96	65-140	4	25	
2,2-Dichloropropane	62.3	2.0	ug/kg	49.7	ND	125	65-150	3	25	
cis-1,3-Dichloropropene	51.0	2.0	ug/kg	49.7	ND	103	70-135	3	25	
trans-1,3-Dichloropropene	44.9	2.0	ug/kg	49.7	ND	90	60-145	4	25	
1,1-Dichloropropene	47.5	2.0	ug/kg	49.7	ND	96	65-135	3	20	
Ethylbenzene	48.8	2.0	ug/kg	49.7	ND	98	70-135	3	25	
Hexachlorobutadiene	33.0	5.0	ug/kg	49.7	ND	66	50-145	4	35	
Isopropylbenzene	54.0	2.0	ug/kg	49.7	ND	109	70-145	9	25	
p-Isopropyltoluene	52.6	2.0	ug/kg	49.7	ND	106	60-140	8	25	
Methylene chloride	43.1	20	ug/kg	49.7	ND	87	55-145	0.6	25	
Naphthalene	43.9	5.0	ug/kg	49.7	ND	88	40-150	11	40	
n-Propylbenzene	51.6	2.0	ug/kg	49.7	ND	104	65-140	9	25	
Styrene	51.3	2.0	ug/kg	49.7	ND	103	70-140	0.7	25	
1,1,1,2-Tetrachloroethane	43.0	5.0	ug/kg	49.7	ND	87	65-145	0.7	20	
1,1,2,2-Tetrachloroethane	46.0	2.0	ug/kg	49.7	ND	92	40-160	0.3	30	
Tetrachloroethene	48.5	2.0	ug/kg	49.7	ND	98	65-135	4	25	
Toluene	49.1	2.0	ug/kg	49.7	ND	99	70-130	1	20	
1,2,3-Trichlorobenzene	41.1	5.0	ug/kg	49.7	ND	83	45-145	9	30	
1,2,4-Trichlorobenzene	44.5	5.0	ug/kg	49.7	ND	90	50-140	4	30	
1,1,1-Trichloroethane	45.4	2.0	ug/kg	49.7	ND	91	65-145	4	20	
1,1,2-Trichloroethane	45.0	2.0	ug/kg	49.7	ND	90	65-140	4	30	
Trichloroethene	52.7	2.0	ug/kg	49.7	ND	106	65-140	0.8	25	

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METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 11A1613 Extracted: 01/14/11										
Matrix Spike Dup Analyzed: 01/14/2011 (11A1613-MSD1)					**Source: IUA1266-03RE1**					
Trichlorofluoromethane	41.0	5.0	ug/kg	49.7	ND	83	55-155	5	25	
1,2,3-Trichloropropane	47.1	9.9	ug/kg	49.7	ND	95	50-150	2	30	
1,2,4-Trimethylbenzene	53.7	2.0	ug/kg	49.7	ND	108	65-140	7	25	
1,3,5-Trimethylbenzene	53.6	2.0	ug/kg	49.7	ND	108	65-135	8	25	
Vinyl chloride	38.8	5.0	ug/kg	49.7	ND	78	55-140	4	30	
m,p-Xylenes	104	2.0	ug/kg	99.4	ND	104	70-130	1	25	
o-Xylene	49.4	2.0	ug/kg	49.7	ND	99	65-130	0.7	25	
Surrogate: 4-Bromofluorobenzene	*44.1*		*ug/kg*	*49.7*		*89*	*80-120*			
Surrogate: Dibromofluoromethane	*49.6*		*ug/kg*	*49.7*		*100*	*80-125*			
Surrogate: Toluene-d8	*50.3*		*ug/kg*	*49.7*		*101*	*80-120*			

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METHOD BLANK/QC DATA

SEMI-VOLATILE ORGANICS BY GC/MS (EPA 8270C)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 11A1023 Extracted: 01/11/11										
Blank Analyzed: 01/11/2011 (11A1023-BLK1)										
Acenaphthene	ND	330	ug/kg							
Acenaphthylene	ND	330	ug/kg							
Aniline	ND	420	ug/kg							
Anthracene	ND	330	ug/kg							
Benzidine	ND	660	ug/kg							
Benzo(a)anthracene	ND	330	ug/kg							
Benzo(a)pyrene	ND	330	ug/kg							
Benzo(b)fluoranthene	ND	330	ug/kg							
Benzo(g,h,i)perylene	ND	330	ug/kg							
Benzo(k)fluoranthene	ND	330	ug/kg							
Benzoic acid	ND	830	ug/kg							
Benzyl alcohol	ND	330	ug/kg							
4-Bromophenyl phenyl ether	ND	330	ug/kg							
Butyl benzyl phthalate	ND	330	ug/kg							
4-Chloro-3-methylphenol	ND	330	ug/kg							
4-Chloroaniline	ND	330	ug/kg							
Bis(2-chloroethoxy)methane	ND	330	ug/kg							
Bis(2-chloroethyl)ether	ND	170	ug/kg							
Bis(2-chloroisopropyl)ether	ND	330	ug/kg							
Bis(2-ethylhexyl)phthalate	ND	330	ug/kg							
2-Chloronaphthalene	ND	330	ug/kg							
2-Chlorophenol	ND	330	ug/kg							
4-Chlorophenyl phenyl ether	ND	330	ug/kg							
Chrysene	ND	330	ug/kg							
Dibenz(a,h)anthracene	ND	420	ug/kg							
Dibenzofuran	ND	330	ug/kg							
Di-n-butyl phthalate	ND	330	ug/kg							
1,2-Dichlorobenzene	ND	330	ug/kg							
1,3-Dichlorobenzene	ND	330	ug/kg							
1,4-Dichlorobenzene	ND	330	ug/kg							
3,3'-Dichlorobenzidine	ND	830	ug/kg							
2,4-Dichlorophenol	ND	330	ug/kg							
Diethyl phthalate	ND	330	ug/kg							
2,4-Dimethylphenol	ND	330	ug/kg							
Dimethyl phthalate	ND	330	ug/kg							
4,6-Dinitro-2-methylphenol	ND	420	ug/kg							

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SEMI-VOLATILE ORGANICS BY GC/MS (EPA 8270C)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 11A1023 Extracted: 01/11/11										
Blank Analyzed: 01/11/2011 (11A1023-BLK1)										
2,4-Dinitrophenol	ND	660	ug/kg							
2,4-Dinitrotoluene	ND	330	ug/kg							
2,6-Dinitrotoluene	ND	330	ug/kg							
Di-n-octyl phthalate	ND	330	ug/kg							
1,2-Diphenylhydrazine/Azobenzene	ND	330	ug/kg							
Fluoranthene	ND	330	ug/kg							
Fluorene	ND	330	ug/kg							
Hexachlorobenzene	ND	330	ug/kg							
Hexachlorobutadiene	ND	330	ug/kg							
Hexachlorocyclopentadiene	ND	830	ug/kg							
Hexachloroethane	ND	330	ug/kg							
Indeno(1,2,3-cd)pyrene	ND	330	ug/kg							
Isophorone	ND	330	ug/kg							
2-Methylnaphthalene	ND	330	ug/kg							
2-Methylphenol	ND	330	ug/kg							
4-Methylphenol	ND	330	ug/kg							
Naphthalene	ND	330	ug/kg							
2-Nitroaniline	ND	330	ug/kg							
3-Nitroaniline	ND	330	ug/kg							
4-Nitroaniline	ND	830	ug/kg							
Nitrobenzene	ND	330	ug/kg							
2-Nitrophenol	ND	330	ug/kg							
4-Nitrophenol	ND	830	ug/kg							
N-Nitroso-di-n-propylamine	ND	250	ug/kg							
N-Nitrosodiphenylamine	ND	330	ug/kg							
Pentachlorophenol	ND	830	ug/kg							
Phenanthrene	ND	330	ug/kg							
Phenol	ND	330	ug/kg							
Pyrene	ND	330	ug/kg							
1,2,4-Trichlorobenzene	ND	330	ug/kg							
2,4,5-Trichlorophenol	ND	330	ug/kg							
2,4,6-Trichlorophenol	ND	330	ug/kg							
Surrogate: 2,4,6-Tribromophenol	*6160*		*ug/kg*	*6670*		*92*	*35-125*			
Surrogate: 2-Fluorobiphenyl	*2510*		*ug/kg*	*3330*		*75*	*35-120*			
Surrogate: 2-Fluorophenol	*4990*		*ug/kg*	*6670*		*75*	*25-120*			
Surrogate: Nitrobenzene-d5	*2560*		*ug/kg*	*3330*		*77*	*30-120*			

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METHOD BLANK/QC DATA

SEMI-VOLATILE ORGANICS BY GC/MS (EPA 8270C)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 11A1023 Extracted: 01/11/11										
Blank Analyzed: 01/11/2011 (11A1023-BLK1)										
Surrogate: Phenol-d6	*5260*		*ug/kg*	*6670*		*79*	*35-120*			
Surrogate: Terphenyl-d14	*2850*		*ug/kg*	*3330*		*86*	*40-135*			
LCS Analyzed: 01/11/2011 (11A1023-BS1)										
Acenaphthene	2690	330	ug/kg	3330		81	50-120			
Acenaphthylene	2690	330	ug/kg	3330		81	50-120			
Aniline	2240	420	ug/kg	3330		67	25-120			
Anthracene	2720	330	ug/kg	3330		82	55-120			
Benzidine	1030	660	ug/kg	3330		31	20-120			
Benzo(a)anthracene	2810	330	ug/kg	3330		84	55-120			
Benzo(a)pyrene	2870	330	ug/kg	3330		86	50-125			
Benzo(b)fluoranthene	2700	330	ug/kg	3330		81	45-125			
Benzo(g,h,i)perylene	3630	330	ug/kg	3330		109	35-130			
Benzo(k)fluoranthene	3020	330	ug/kg	3330		91	45-125			
Benzoic acid	2360	830	ug/kg	3330		71	20-120			
Benzyl alcohol	2670	330	ug/kg	3330		80	35-120			
4-Bromophenyl phenyl ether	2840	330	ug/kg	3330		85	45-120			
Butyl benzyl phthalate	3110	330	ug/kg	3330		93	50-125			
4-Chloro-3-methylphenol	2890	330	ug/kg	3330		87	50-125			
4-Chloroaniline	1720	330	ug/kg	3330		51	20-120			
Bis(2-chloroethoxy)methane	2460	330	ug/kg	3330		74	45-120			
Bis(2-chloroethyl)ether	2480	170	ug/kg	3330		74	35-120			
Bis(2-chloroisopropyl)ether	2430	330	ug/kg	3330		73	40-120			
Bis(2-ethylhexyl)phthalate	3020	330	ug/kg	3330		91	50-130			
2-Chloronaphthalene	2500	330	ug/kg	3330		75	45-120			
2-Chlorophenol	2550	330	ug/kg	3330		77	40-120			
4-Chlorophenyl phenyl ether	2720	330	ug/kg	3330		82	55-120			
Chrysene	2830	330	ug/kg	3330		85	55-120			
Dibenz(a,h)anthracene	3310	420	ug/kg	3330		99	40-135			
Dibenzofuran	2580	330	ug/kg	3330		77	55-120			
Di-n-butyl phthalate	2760	330	ug/kg	3330		83	50-125			
1,2-Dichlorobenzene	2410	330	ug/kg	3330		72	40-120			
1,3-Dichlorobenzene	2230	330	ug/kg	3330		67	35-120			
1,4-Dichlorobenzene	2330	330	ug/kg	3330		70	35-120			
3,3'-Dichlorobenzidine	2100	830	ug/kg	3330		63	20-130			
2,4-Dichlorophenol	2710	330	ug/kg	3330		81	45-120			

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THE LEADER IN ENVIRONMENTAL TESTING
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Golder Associates - Irvine
230 Commerce, Suite 200
Irvine, CA 92602
Attention: Misty Vazquez

Project ID: Ford Glendale (Star Lm)
093-91993-02
Report Number: IUA0751

Sampled: 01/07/11
Received: 01/07/11

METHOD BLANK/QC DATA

SEMI-VOLATILE ORGANICS BY GC/MS (EPA 8270C)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 11A1023 Extracted: 01/11/11										
LCS Analyzed: 01/11/2011 (11A1023-BS1)										
Diethyl phthalate	2690	330	ug/kg	3330		81	50-125			
2,4-Dimethylphenol	2320	330	ug/kg	3330		70	40-120			
Dimethyl phthalate	2750	330	ug/kg	3330		82	50-125			
4,6-Dinitro-2-methylphenol	2840	420	ug/kg	3330		85	40-120			
2,4-Dinitrophenol	2930	660	ug/kg	3330		88	25-120			
2,4-Dinitrotoluene	2950	330	ug/kg	3330		88	55-125			
2,6-Dinitrotoluene	2830	330	ug/kg	3330		85	55-125			
Di-n-octyl phthalate	3050	330	ug/kg	3330		91	50-135			
1,2-Diphenylhydrazine/Azobenzene	2710	330	ug/kg	3330		81	50-125			
Fluoranthene	2610	330	ug/kg	3330		78	55-120			
Fluorene	2660	330	ug/kg	3330		80	55-120			
Hexachlorobenzene	2820	330	ug/kg	3330		85	50-120			
Hexachlorobutadiene	2320	330	ug/kg	3330		70	40-120			
Hexachlorocyclopentadiene	2780	830	ug/kg	3330		83	30-125			
Hexachloroethane	2290	330	ug/kg	3330		69	40-120			
Indeno(1,2,3-cd)pyrene	3410	330	ug/kg	3330		102	30-135			
Isophorone	2600	330	ug/kg	3330		78	40-120			
2-Methylnaphthalene	2440	330	ug/kg	3330		73	45-120			
2-Methylphenol	2710	330	ug/kg	3330		81	40-120			
4-Methylphenol	2890	330	ug/kg	3330		87	45-120			
Naphthalene	2350	330	ug/kg	3330		70	45-120			
2-Nitroaniline	2600	330	ug/kg	3330		78	50-125			
3-Nitroaniline	2070	330	ug/kg	3330		62	35-120			
4-Nitroaniline	2630	830	ug/kg	3330		79	45-125			
Nitrobenzene	2450	330	ug/kg	3330		73	45-120			
2-Nitrophenol	2610	330	ug/kg	3330		78	45-120			
4-Nitrophenol	2760	830	ug/kg	3330		83	40-125			
N-Nitroso-di-n-propylamine	2790	250	ug/kg	3330		84	40-120			
N-Nitrosodiphenylamine	2890	330	ug/kg	3330		87	50-120			
Pentachlorophenol	3140	830	ug/kg	3330		94	40-120			
Phenanthrene	2750	330	ug/kg	3330		82	50-120			
Phenol	2670	330	ug/kg	3330		80	40-120			
Pyrene	2980	330	ug/kg	3330		89	45-125			
1,2,4-Trichlorobenzene	2280	330	ug/kg	3330		68	40-120			
2,4,5-Trichlorophenol	2820	330	ug/kg	3330		85	50-120			
2,4,6-Trichlorophenol	2810	330	ug/kg	3330		84	50-120			

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Project ID: Ford Glendale (Star Lm)
093-91993-02
Report Number: IUA0751

Sampled: 01/07/11
Received: 01/07/11

METHOD BLANK/QC DATA

SEMI-VOLATILE ORGANICS BY GC/MS (EPA 8270C)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 11A1023 Extracted: 01/11/11										
LCS Analyzed: 01/11/2011 (11A1023-BS1)										
Surrogate: 2,4,6-Tribromophenol	*5940*		*ug/kg*	*6670*		*89*	*35-125*			
Surrogate: 2-Fluorobiphenyl	*2420*		*ug/kg*	*3330*		*73*	*35-120*			
Surrogate: 2-Fluorophenol	*4910*		*ug/kg*	*6670*		*74*	*25-120*			
Surrogate: Nitrobenzene-d5	*2380*		*ug/kg*	*3330*		*71*	*30-120*			
Surrogate: Phenol-d6	*5480*		*ug/kg*	*6670*		*82*	*35-120*			
Surrogate: Terphenyl-d14	*3010*		*ug/kg*	*3330*		*90*	*40-135*			
Matrix Spike Analyzed: 01/12/2011 (11A1023-MS1)					**Source: IUA0751-02**					
Acenaphthene	2440	330	ug/kg	3330	ND	73	45-120			
Acenaphthylene	2650	330	ug/kg	3330	ND	80	45-120			
Aniline	2570	420	ug/kg	3330	ND	77	25-120			
Anthracene	2600	330	ug/kg	3330	ND	78	55-120			
Benzidine	1680	660	ug/kg	3330	ND	51	20-120			
Benzo(a)anthracene	2750	330	ug/kg	3330	ND	83	50-120			
Benzo(a)pyrene	2790	330	ug/kg	3330	ND	84	45-125			
Benzo(b)fluoranthene	2930	330	ug/kg	3330	ND	88	45-125			
Benzo(g,h,i)perylene	2780	330	ug/kg	3330	ND	83	25-130			
Benzo(k)fluoranthene	2910	330	ug/kg	3330	ND	87	45-125			
Benzoic acid	161	830	ug/kg	3330	ND	5	20-120			*M2*
Benzyl alcohol	2570	330	ug/kg	3330	ND	77	20-120			
4-Bromophenyl phenyl ether	2640	330	ug/kg	3330	ND	79	45-120			
Butyl benzyl phthalate	2920	330	ug/kg	3330	242	80	45-125			
4-Chloro-3-methylphenol	2700	330	ug/kg	3330	ND	81	50-125			
4-Chloroaniline	2160	330	ug/kg	3330	ND	65	20-120			
Bis(2-chloroethoxy)methane	2480	330	ug/kg	3330	ND	75	45-120			
Bis(2-chloroethyl)ether	2470	170	ug/kg	3330	ND	74	35-110			
Bis(2-chloroisopropyl)ether	2560	330	ug/kg	3330	ND	77	40-120			
Bis(2-ethylhexyl)phthalate	2960	330	ug/kg	3330	96.0	86	45-130			
2-Chloronaphthalene	2550	330	ug/kg	3330	ND	76	45-120			
2-Chlorophenol	2550	330	ug/kg	3330	ND	76	40-120			
4-Chlorophenyl phenyl ether	2580	330	ug/kg	3330	ND	77	50-120			
Chrysene	2750	330	ug/kg	3330	ND	82	55-120			
Dibenz(a,h)anthracene	2510	420	ug/kg	3330	ND	75	25-135			
Dibenzofuran	2450	330	ug/kg	3330	ND	73	50-120			
Di-n-butyl phthalate	2660	330	ug/kg	3330	ND	80	50-125			
1,2-Dichlorobenzene	2360	330	ug/kg	3330	ND	71	40-120			

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Project ID: Ford Glendale (Star Lm)
093-91993-02
Report Number: IUA0751

Sampled: 01/07/11
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METHOD BLANK/QC DATA

SEMI-VOLATILE ORGANICS BY GC/MS (EPA 8270C)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 11A1023 Extracted: 01/11/11										
Matrix Spike Analyzed: 01/12/2011 (11A1023-MS1)					**Source: IUA0751-02**					
1,3-Dichlorobenzene	2240	330	ug/kg	3330	ND	67	35-120			
1,4-Dichlorobenzene	2180	330	ug/kg	3330	ND	65	35-120			
3,3'-Dichlorobenzidine	2260	830	ug/kg	3330	ND	68	20-130			
2,4-Dichlorophenol	2610	330	ug/kg	3330	ND	78	45-120			
Diethyl phthalate	2610	330	ug/kg	3330	ND	78	50-125			
2,4-Dimethylphenol	2240	330	ug/kg	3330	ND	67	30-120			
Dimethyl phthalate	2640	330	ug/kg	3330	ND	79	45-125			
4,6-Dinitro-2-methylphenol	953	420	ug/kg	3330	ND	29	35-120			*M2*
2,4-Dinitrophenol	251	660	ug/kg	3330	ND	8	20-120			*M2*
2,4-Dinitrotoluene	2600	330	ug/kg	3330	ND	78	50-125			
2,6-Dinitrotoluene	2610	330	ug/kg	3330	ND	78	50-125			
Di-n-octyl phthalate	2980	330	ug/kg	3330	ND	89	50-135			
1,2-Diphenylhydrazine/Azobenzene	2630	330	ug/kg	3330	ND	79	50-125			
Fluoranthene	2530	330	ug/kg	3330	ND	76	45-120			
Fluorene	2590	330	ug/kg	3330	ND	78	50-120			
Hexachlorobenzene	2630	330	ug/kg	3330	ND	79	50-120			
Hexachlorobutadiene	2210	330	ug/kg	3330	ND	66	40-120			
Hexachlorocyclopentadiene	2260	830	ug/kg	3330	ND	68	20-125			
Hexachloroethane	2340	330	ug/kg	3330	ND	70	35-120			
Indeno(1,2,3-cd)pyrene	2550	330	ug/kg	3330	ND	76	20-130			
Isophorone	2520	330	ug/kg	3330	ND	76	40-120			
2-Methylnaphthalene	2530	330	ug/kg	3330	ND	76	40-120			
2-Methylphenol	2580	330	ug/kg	3330	ND	78	40-120			
4-Methylphenol	2930	330	ug/kg	3330	ND	88	45-120			
Naphthalene	2410	330	ug/kg	3330	ND	72	40-120			
2-Nitroaniline	2530	330	ug/kg	3330	ND	76	45-120			
3-Nitroaniline	2330	330	ug/kg	3330	ND	70	30-120			
4-Nitroaniline	2480	830	ug/kg	3330	ND	74	40-125			
Nitrobenzene	2320	330	ug/kg	3330	ND	70	40-120			
2-Nitrophenol	2430	330	ug/kg	3330	ND	73	40-120			
4-Nitrophenol	2410	830	ug/kg	3330	ND	72	35-125			
N-Nitroso-di-n-propylamine	2530	250	ug/kg	3330	ND	76	35-120			
N-Nitrosodiphenylamine	2650	330	ug/kg	3330	ND	80	45-125			
Pentachlorophenol	969	830	ug/kg	3330	ND	29	30-120			*M2*
Phenanthrene	2600	330	ug/kg	3330	ND	78	50-120			
Phenol	2590	330	ug/kg	3330	ND	78	40-120			

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Project ID: Ford Glendale (Star Lm)
093-91993-02
Report Number: IUA0751

Sampled: 01/07/11
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METHOD BLANK/QC DATA

SEMI-VOLATILE ORGANICS BY GC/MS (EPA 8270C)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 11A1023 Extracted: 01/11/11										
Matrix Spike Analyzed: 01/12/2011 (11A1023-MS1)					**Source: IUA0751-02**					
Pyrene	2880	330	ug/kg	3330	ND	86	40-125			
1,2,4-Trichlorobenzene	2340	330	ug/kg	3330	ND	70	40-120			
2,4,5-Trichlorophenol	2460	330	ug/kg	3330	ND	74	45-120			
2,4,6-Trichlorophenol	2240	330	ug/kg	3330	ND	67	45-120			
Surrogate: 2,4,6-Tribromophenol	*4700*		*ug/kg*	*6670*		*71*	*35-125*			
Surrogate: 2-Fluorobiphenyl	*2340*		*ug/kg*	*3330*		*70*	*35-120*			
Surrogate: 2-Fluorophenol	*4670*		*ug/kg*	*6670*		*70*	*25-120*			
Surrogate: Nitrobenzene-d5	*2310*		*ug/kg*	*3330*		*69*	*30-120*			
Surrogate: Phenol-d6	*5300*		*ug/kg*	*6670*		*80*	*35-120*			
Surrogate: Terphenyl-d14	*2760*		*ug/kg*	*3330*		*83*	*40-135*			
Matrix Spike Dup Analyzed: 01/12/2011 (11A1023-MSD1)					**Source: IUA0751-02**					
Acenaphthene	2460	330	ug/kg	3330	ND	74	45-120	1	25	
Acenaphthylene	2680	330	ug/kg	3330	ND	80	45-120	1	20	
Aniline	2420	420	ug/kg	3330	ND	73	25-120	6	30	
Anthracene	2740	330	ug/kg	3330	ND	82	55-120	5	25	
Benzidine	2040	660	ug/kg	3330	ND	61	20-120	19	30	
Benzo(a)anthracene	2850	330	ug/kg	3330	ND	86	50-120	3	25	
Benzo(a)pyrene	2840	330	ug/kg	3330	ND	85	45-125	2	25	
Benzo(b)fluoranthene	2860	330	ug/kg	3330	ND	86	45-125	2	30	
Benzo(g,h,i)perylene	2810	330	ug/kg	3330	ND	84	25-130	1	30	
Benzo(k)fluoranthene	2970	330	ug/kg	3330	ND	89	45-125	2	30	
Benzoic acid	162	830	ug/kg	3330	ND	5	20-120	0.8	30	*M2*
Benzyl alcohol	2470	330	ug/kg	3330	ND	74	20-120	4	30	
4-Bromophenyl phenyl ether	2710	330	ug/kg	3330	ND	81	45-120	3	20	
Butyl benzyl phthalate	2970	330	ug/kg	3330	242	82	45-125	2	25	
4-Chloro-3-methylphenol	2750	330	ug/kg	3330	ND	83	50-125	2	25	
4-Chloroaniline	2070	330	ug/kg	3330	ND	62	20-120	4	30	
Bis(2-chloroethoxy)methane	2530	330	ug/kg	3330	ND	76	45-120	2	25	
Bis(2-chloroethyl)ether	2380	170	ug/kg	3330	ND	72	35-110	3	25	
Bis(2-chloroisopropyl)ether	2470	330	ug/kg	3330	ND	74	40-120	4	25	
Bis(2-ethylhexyl)phthalate	3020	330	ug/kg	3330	96.0	88	45-130	2	25	
2-Chloronaphthalene	2530	330	ug/kg	3330	ND	76	45-120	0.7	20	
2-Chlorophenol	2490	330	ug/kg	3330	ND	75	40-120	2	20	
4-Chlorophenyl phenyl ether	2590	330	ug/kg	3330	ND	78	50-120	0.2	25	
Chrysene	2860	330	ug/kg	3330	ND	86	55-120	4	25	

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Project ID: Ford Glendale (Star Lm)
093-91993-02
Report Number: IUA0751

Sampled: 01/07/11
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METHOD BLANK/QC DATA

SEMI-VOLATILE ORGANICS BY GC/MS (EPA 8270C)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 11A1023 Extracted: 01/11/11										
Matrix Spike Dup Analyzed: 01/12/2011 (11A1023-MSD1)					**Source: IUA0751-02**					
Dibenz(a,h)anthracene	2540	420	ug/kg	3330	ND	76	25-135	1	30	
Dibenzofuran	2480	330	ug/kg	3330	ND	74	50-120	1	25	
Di-n-butyl phthalate	2730	330	ug/kg	3330	ND	82	50-125	3	25	
1,2-Dichlorobenzene	2330	330	ug/kg	3330	ND	70	40-120	1	25	
1,3-Dichlorobenzene	2210	330	ug/kg	3330	ND	66	35-120	1	25	
1,4-Dichlorobenzene	2140	330	ug/kg	3330	ND	64	35-120	2	25	
3,3'-Dichlorobenzidine	2300	830	ug/kg	3330	ND	69	20-130	2	25	
2,4-Dichlorophenol	2630	330	ug/kg	3330	ND	79	45-120	0.6	25	
Diethyl phthalate	2610	330	ug/kg	3330	ND	78	50-125	0.03	25	
2,4-Dimethylphenol	2190	330	ug/kg	3330	ND	66	30-120	2	25	
Dimethyl phthalate	2650	330	ug/kg	3330	ND	79	45-125	0.3	25	
4,6-Dinitro-2-methylphenol	1190	420	ug/kg	3330	ND	36	35-120	22	25	
2,4-Dinitrophenol	301	660	ug/kg	3330	ND	9	20-120	18	25	*M2*
2,4-Dinitrotoluene	2660	330	ug/kg	3330	ND	80	50-125	2	25	
2,6-Dinitrotoluene	2720	330	ug/kg	3330	ND	82	50-125	4	20	
Di-n-octyl phthalate	3030	330	ug/kg	3330	ND	91	50-135	2	25	
1,2-Diphenylhydrazine/Azobenzene	2640	330	ug/kg	3330	ND	79	50-125	0.3	25	
Fluoranthene	2650	330	ug/kg	3330	ND	80	45-120	5	25	
Fluorene	2630	330	ug/kg	3330	ND	79	50-120	2	25	
Hexachlorobenzene	2690	330	ug/kg	3330	ND	81	50-120	2	25	
Hexachlorobutadiene	2310	330	ug/kg	3330	ND	69	40-120	5	25	
Hexachlorocyclopentadiene	2310	830	ug/kg	3330	ND	69	20-125	2	30	
Hexachloroethane	2420	330	ug/kg	3330	ND	73	35-120	3	30	
Indeno(1,2,3-cd)pyrene	2530	330	ug/kg	3330	ND	76	20-130	0.6	30	
Isophorone	2530	330	ug/kg	3330	ND	76	40-120	0.5	25	
2-Methylnaphthalene	2570	330	ug/kg	3330	ND	77	40-120	2	20	
2-Methylphenol	2440	330	ug/kg	3330	ND	73	40-120	6	25	
4-Methylphenol	2680	330	ug/kg	3330	ND	81	45-120	9	25	
Naphthalene	2420	330	ug/kg	3330	ND	73	40-120	0.3	25	
2-Nitroaniline	2630	330	ug/kg	3330	ND	79	45-120	4	25	
3-Nitroaniline	2360	330	ug/kg	3330	ND	71	30-120	1	25	
4-Nitroaniline	2600	830	ug/kg	3330	ND	78	40-125	5	30	
Nitrobenzene	2430	330	ug/kg	3330	ND	73	40-120	5	25	
2-Nitrophenol	2460	330	ug/kg	3330	ND	74	40-120	1	25	
4-Nitrophenol	2460	830	ug/kg	3330	ND	74	35-125	2	30	
N-Nitroso-di-n-propylamine	2360	250	ug/kg	3330	ND	71	35-120	7	25	

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093-91993-02
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METHOD BLANK/QC DATA

SEMI-VOLATILE ORGANICS BY GC/MS (EPA 8270C)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 11A1023 Extracted: 01/11/11										
Matrix Spike Dup Analyzed: 01/12/2011 (11A1023-MSD1)					**Source: IUA0751-02**					
N-Nitrosodiphenylamine	2760	330	ug/kg	3330	ND	83	45-125	4	25	
Pentachlorophenol	1340	830	ug/kg	3330	ND	40	30-120	32	25	*R-3*
Phenanthrene	2740	330	ug/kg	3330	ND	82	50-120	5	25	
Phenol	2530	330	ug/kg	3330	ND	76	40-120	2	25	
Pyrene	2920	330	ug/kg	3330	ND	88	40-125	1	30	
1,2,4-Trichlorobenzene	2400	330	ug/kg	3330	ND	72	40-120	2	25	
2,4,5-Trichlorophenol	2540	330	ug/kg	3330	ND	76	45-120	3	20	
2,4,6-Trichlorophenol	2400	330	ug/kg	3330	ND	72	45-120	7	25	
Surrogate: 2,4,6-Tribromophenol	*5090*		*ug/kg*	*6670*		*76*	*35-125*			
Surrogate: 2-Fluorobiphenyl	*2430*		*ug/kg*	*3330*		*73*	*35-120*			
Surrogate: 2-Fluorophenol	*4640*		*ug/kg*	*6670*		*70*	*25-120*			
Surrogate: Nitrobenzene-d5	*2350*		*ug/kg*	*3330*		*71*	*30-120*			
Surrogate: Phenol-d6	*5110*		*ug/kg*	*6670*		*77*	*35-120*			
Surrogate: Terphenyl-d14	*2820*		*ug/kg*	*3330*		*85*	*40-135*			

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METHOD BLANK/QC DATA

POLYCHLORINATED BIPHENYLS (EPA 3546/8082)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 11A0884 Extracted: 01/10/11										
Blank Analyzed: 01/11/2011 (11A0884-BLK1)										
Aroclor 1016	ND	50	ug/kg							
Aroclor 1221	ND	50	ug/kg							
Aroclor 1232	ND	50	ug/kg							
Aroclor 1242	ND	50	ug/kg							
Aroclor 1248	ND	50	ug/kg							
Aroclor 1254	ND	50	ug/kg							
Aroclor 1260	ND	50	ug/kg							
Surrogate: Decachlorobiphenyl	*33.2*		*ug/kg*	*33.3*		*99*	*45-120*			
LCS Analyzed: 01/12/2011 (11A0884-BS2)										
Aroclor 1016	266	50	ug/kg	267		100	65-115			
Aroclor 1260	261	50	ug/kg	267		98	65-115			
Surrogate: Decachlorobiphenyl	*33.4*		*ug/kg*	*33.3*		*100*	*45-120*			
Matrix Spike Analyzed: 01/12/2011 (11A0884-MS2)					**Source: IUA0075-06**					
Aroclor 1016	193	50	ug/kg	267	ND	72	50-120			
Aroclor 1260	174	50	ug/kg	267	ND	65	50-125			
Surrogate: Decachlorobiphenyl	*21.8*		*ug/kg*	*33.3*		*65*	*45-120*			
Matrix Spike Dup Analyzed: 01/12/2011 (11A0884-MSD2)					**Source: IUA0075-06**					
Aroclor 1016	186	50	ug/kg	267	ND	70	50-120	4	30	
Aroclor 1260	182	50	ug/kg	267	ND	68	50-125	4	30	
Surrogate: Decachlorobiphenyl	*23.5*		*ug/kg*	*33.3*		*70*	*45-120*			
Batch: 11A1064 Extracted: 01/11/11										
Blank Analyzed: 01/12/2011 (11A1064-BLK1)										
Aroclor 1016	ND	50	ug/kg							
Aroclor 1221	ND	50	ug/kg							
Aroclor 1232	ND	50	ug/kg							
Aroclor 1242	ND	50	ug/kg							
Aroclor 1248	ND	50	ug/kg							
Aroclor 1254	ND	50	ug/kg							
Aroclor 1260	ND	50	ug/kg							
Surrogate: Decachlorobiphenyl	*30.5*		*ug/kg*	*33.3*		*92*	*45-120*			

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Attention: Misty Vazquez

Project ID: Ford Glendale (Star Lm)
093-91993-02
Report Number: IUA0751

Sampled: 01/07/11
Received: 01/07/11

METHOD BLANK/QC DATA

POLYCHLORINATED BIPHENYLS (EPA 3546/8082)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 11A1064 Extracted: 01/11/11										
LCS Analyzed: 01/12/2011 (11A1064-BS1)										
Aroclor 1016	251	50	ug/kg	267		94	65-115			
Aroclor 1260	246	50	ug/kg	267		92	65-115			
Surrogate: Decachlorobiphenyl	*30.9*		*ug/kg*	*33.3*		*93*	*45-120*			
Matrix Spike Analyzed: 01/12/2011 (11A1064-MS1)					**Source: ITL2651-23**					
Aroclor 1016	244	50	ug/kg	267	ND	92	50-120			
Aroclor 1260	235	50	ug/kg	267	ND	88	50-125			
Surrogate: Decachlorobiphenyl	*29.6*		*ug/kg*	*33.3*		*89*	*45-120*			
Matrix Spike Dup Analyzed: 01/12/2011 (11A1064-MSD1)					**Source: ITL2651-23**					
Aroclor 1016	246	50	ug/kg	267	ND	92	50-120	0.8	30	
Aroclor 1260	234	50	ug/kg	267	ND	88	50-125	0.8	30	
Surrogate: Decachlorobiphenyl	*29.4*		*ug/kg*	*33.3*		*88*	*45-120*			

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093-91993-02
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METHOD BLANK/QC DATA

POLYCHLORINATED BIPHENYLS (EPA 3580A/8082)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 11A1244 Extracted: 01/12/11										
Blank Analyzed: 01/13/2011 (11A1244-BLK1)										
Aroclor 1016	ND	5.0	mg/kg							
Aroclor 1221	ND	5.0	mg/kg							
Aroclor 1232	ND	5.0	mg/kg							
Aroclor 1242	ND	5.0	mg/kg							
Aroclor 1248	ND	5.0	mg/kg							
Aroclor 1254	ND	5.0	mg/kg							
Aroclor 1260	ND	5.0	mg/kg							
Surrogate: Decachlorobiphenyl	*1.22*		*mg/kg*	*1.25*		*98*	*50-120*			
LCS Analyzed: 01/13/2011 (11A1244-BS1)										
Aroclor 1016	19.4	5.0	mg/kg	20.0		97	50-120			
Aroclor 1260	18.8	5.0	mg/kg	20.0		94	50-120			
Surrogate: Decachlorobiphenyl	*1.24*		*mg/kg*	*1.25*		*100*	*50-120*			
LCS Dup Analyzed: 01/13/2011 (11A1244-BSD1)										
Aroclor 1016	19.9	5.0	mg/kg	20.0		99	50-120	3	30	
Aroclor 1260	19.1	5.0	mg/kg	20.0		96	50-120	2	30	
Surrogate: Decachlorobiphenyl	*1.27*		*mg/kg*	*1.25*		*102*	*50-120*			

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093-91993-02
Report Number: IUA0751

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METHOD BLANK/QC DATA

METALS

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 11A1059 Extracted: 01/11/11										
Blank Analyzed: 01/12/2011 (11A1059-BLK1)										
Antimony	ND	10	mg/kg							
Arsenic	ND	2.0	mg/kg							
Barium	ND	1.0	mg/kg							
Beryllium	ND	0.50	mg/kg							
Cadmium	ND	0.50	mg/kg							
Chromium	ND	1.0	mg/kg							
Cobalt	ND	1.0	mg/kg							
Copper	ND	2.0	mg/kg							
Lead	ND	2.0	mg/kg							
Molybdenum	ND	2.0	mg/kg							
Nickel	ND	2.0	mg/kg							
Selenium	ND	2.0	mg/kg							
Silver	ND	1.0	mg/kg							
Thallium	ND	10	mg/kg							
Vanadium	ND	1.0	mg/kg							
Zinc	ND	5.0	mg/kg							
LCS Analyzed: 01/12/2011 (11A1059-BS1)										
Antimony	44.4	9.9	mg/kg	49.5		90	80-120			
Arsenic	44.2	2.0	mg/kg	49.5		89	80-120			
Barium	44.6	0.99	mg/kg	49.5		90	80-120			
Beryllium	44.6	0.50	mg/kg	49.5		90	80-120			
Cadmium	43.7	0.50	mg/kg	49.5		88	80-120			
Chromium	45.1	0.99	mg/kg	49.5		91	80-120			
Cobalt	42.6	0.99	mg/kg	49.5		86	80-120			
Copper	45.1	2.0	mg/kg	49.5		91	80-120			
Lead	44.0	2.0	mg/kg	49.5		89	80-120			
Molybdenum	42.6	2.0	mg/kg	49.5		86	80-120			
Nickel	44.3	2.0	mg/kg	49.5		90	80-120			
Selenium	41.3	2.0	mg/kg	49.5		83	80-120			
Silver	20.9	0.99	mg/kg	24.8		84	80-120			
Thallium	44.4	9.9	mg/kg	49.5		90	80-120			
Vanadium	44.2	0.99	mg/kg	49.5		89	80-120			
Zinc	42.5	5.0	mg/kg	49.5		86	80-120			

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Attention: Misty Vazquez

Project ID: Ford Glendale (Star Lm)
093-91993-02
Report Number: IUA0751

Sampled: 01/07/11
Received: 01/07/11

METHOD BLANK/QC DATA

METALS

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 11A1059 Extracted: 01/11/11										
Matrix Spike Analyzed: 01/12/2011 (11A1059-MS1)					**Source: ITL1841-02**					
Antimony	15.0	9.9	mg/kg	49.5	1.31	28	75-125			*M2*
Arsenic	49.1	2.0	mg/kg	49.5	3.29	92	75-125			
Barium	156	0.99	mg/kg	49.5	121	71	75-125			*M2*
Beryllium	46.7	0.50	mg/kg	49.5	0.284	94	75-125			
Cadmium	43.7	0.50	mg/kg	49.5	ND	88	75-125			
Chromium	64.2	0.99	mg/kg	49.5	19.2	91	75-125			
Cobalt	49.7	0.99	mg/kg	49.5	8.06	84	75-125			
Copper	67.6	2.0	mg/kg	49.5	21.0	94	75-125			
Lead	53.7	2.0	mg/kg	49.5	10.8	87	75-125			
Molybdenum	44.3	2.0	mg/kg	49.5	1.21	87	75-125			
Nickel	56.7	2.0	mg/kg	49.5	12.8	89	75-125			
Selenium	43.1	2.0	mg/kg	49.5	ND	87	75-125			
Silver	22.2	0.99	mg/kg	24.8	ND	90	75-125			
Thallium	43.7	9.9	mg/kg	49.5	ND	88	75-125			
Vanadium	85.4	0.99	mg/kg	49.5	42.9	86	75-125			
Zinc	113	5.0	mg/kg	49.5	75.1	77	75-125			
Matrix Spike Dup Analyzed: 01/12/2011 (11A1059-MSD1)					**Source: ITL1841-02**					
Antimony	17.1	10	mg/kg	49.8	1.31	32	75-125	13	20	*M2*
Arsenic	54.7	2.0	mg/kg	49.8	3.29	103	75-125	11	20	
Barium	193	1.0	mg/kg	49.8	121	145	75-125	21	20	*R-3, M1*
Beryllium	52.0	0.50	mg/kg	49.8	0.284	104	75-125	11	20	
Cadmium	48.8	0.50	mg/kg	49.8	ND	98	75-125	11	20	
Chromium	71.8	1.0	mg/kg	49.8	19.2	106	75-125	11	20	
Cobalt	55.6	1.0	mg/kg	49.8	8.06	96	75-125	11	20	
Copper	75.9	2.0	mg/kg	49.8	21.0	110	75-125	12	20	
Lead	60.9	2.0	mg/kg	49.8	10.8	101	75-125	13	20	
Molybdenum	49.2	2.0	mg/kg	49.8	1.21	96	75-125	11	20	
Nickel	63.2	2.0	mg/kg	49.8	12.8	101	75-125	11	20	
Selenium	47.1	2.0	mg/kg	49.8	ND	95	75-125	9	20	
Silver	24.4	1.0	mg/kg	24.9	ND	98	75-125	10	20	
Thallium	48.6	10	mg/kg	49.8	ND	98	75-125	11	20	
Vanadium	93.8	1.0	mg/kg	49.8	42.9	102	75-125	9	20	
Zinc	125	5.0	mg/kg	49.8	75.1	101	75-125	10	20	

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Attention: Misty Vazquez

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093-91993-02
Report Number: IUA0751

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METHOD BLANK/QC DATA

METALS

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 11A1271 Extracted: 01/12/11										
Blank Analyzed: 01/12/2011 (11A1271-BLK1)										
Mercury	ND	0.020	mg/kg							
LCS Analyzed: 01/12/2011 (11A1271-BS1)										
Mercury	0.802	0.020	mg/kg	0.800		100	80-120			
Matrix Spike Analyzed: 01/12/2011 (11A1271-MS1)					**Source: IUA0540-01**					
Mercury	33.9	2.0	mg/kg	0.800	62.8	-3620	70-130			*MHA*
Matrix Spike Dup Analyzed: 01/12/2011 (11A1271-MSD1)					**Source: IUA0540-01**					
Mercury	41.6	2.0	mg/kg	0.800	62.8	-2650	70-130	20	20	*MHA*

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Project ID: Ford Glendale (Star Lm)
093-91993-02
Report Number: IUA0751

Sampled: 01/07/11
Received: 01/07/11

METHOD BLANK/QC DATA

TCLP METALS

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 11B0814 Extracted: 02/07/11										
Blank Analyzed: 02/10/2011 (11B0814-BLK1)										
Lead	ND	0.10	mg/l							
LCS Analyzed: 02/10/2011 (11B0814-BS1)										
Lead	1.85	0.10	mg/l	2.00		92	80-120			
Matrix Spike Analyzed: 02/10/2011 (11B0814-MS1)					**Source: IUA0751-01**					
Lead	2.85	0.10	mg/l	2.00	0.938	96	75-125			

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093-91993-02
Report Number: IUA0751

Sampled: 01/07/11
Received: 01/07/11

METHOD BLANK/QC DATA

STLC METALS

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 11B0100 Extracted: 02/01/11										
Blank Analyzed: 02/01/2011 (11B0100-BLK1)										
Lead	ND	0.10	mg/l							
LCS Analyzed: 02/01/2011 (11B0100-BS1)										
Lead	18.5	0.10	mg/l	20.0		92	80-120			
Matrix Spike Analyzed: 02/01/2011 (11B0100-MS1)					**Source: IUA2153-01**					
Lead	38.2	0.10	mg/l	20.0	18.2	100	75-125			
Matrix Spike Dup Analyzed: 02/01/2011 (11B0100-MSD1)					**Source: IUA2153-01**					
Lead	37.8	0.10	mg/l	20.0	18.2	98	75-125	0.9	20	

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Sampled: 01/07/11
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DATA QUALIFIERS AND DEFINITIONS

I	Internal Standard recovery was outside of method limits. Matrix interference was confirmed.
M1	The MS and/or MSD were above the acceptance limits due to sample matrix interference. See Blank Spike (LCS).
M2	The MS and/or MSD were below the acceptance limits due to sample matrix interference. See Blank Spike (LCS).
MHA	Due to high levels of analyte in the sample, the MS/MSD calculation does not provide useful spike recovery information. See Blank Spike (LCS).
R-3	The RPD exceeded the acceptance limit due to sample matrix effects.
RL2	Reporting limit raised due to high concentrations of hydrocarbons.
Z	Due to sample matrix effects, the surrogate recovery was below the acceptance limits.
Z3	The sample required a dilution due to the nature of the sample matrix. Because of this dilution, the surrogate spike concentration in the sample was reduced to a level where the recovery calculation does not provide useful information.
ND	Analyte NOT DETECTED at or above the reporting limit or MDL, if MDL is specified.
RPD	Relative Percent Difference

ADDITIONAL COMMENTS

For 1,2-Diphenylhydrazine:

The result for 1,2-Diphenylhydrazine is based upon the reading of its breakdown product, Azobenzene.

For Extractable Fuel Hydrocarbons (EFH, DRO, ORO) :

Unless otherwise noted, Extractable Fuel Hydrocarbons (EFH, DRO, ORO) are quantitated against a Diesel Fuel Standard.

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Certification Summary

TestAmerica Irvine

Method	Matrix	Nelac	California
EPA 1311-Met	Soil	X	X
EPA 6010B	Soil	X	X
EPA 6010B	Solid	X	X
EPA 7471A	Soil	X	X
EPA 7471A	Solid	X	X
EPA 8015B	Soil	X	X
EPA 8082	Product	X	X
EPA 8082	Soil	X	X
EPA 8082	Solid	X	X
EPA 8260B	Soil	X	X
EPA 8270C	Solid	X	X
None	Soil		
STLC-Met	Soil	X	X

Nevada and NELAP provide analyte specific accreditations. Analyte specific information for TestAmerica may be obtained by contacting the laboratory or visiting our website at www.testamericainc.com

TestAmerica Irvine

Sushmitha Reddy For Amy Harris
Project Manager

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THE LEADER IN ENVIRONMENTAL TESTING

CHAIN OF CUSTODY FORM

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TAL-0013(1007)

IUA0751 Page 1 of 2

Client Name/Address: Golder Associates Inc 230 Commerce St Suite 200 Irvine CA 92602

Project/PO Number: 093-91993-02

Project Manager: Misty Vasquez

Phone Number: (714) 508-4400

Fax Number: (714) 508-4401

Sampler: MB

Analysis Required

Sample Description	Sample Matrix	Container Type	# of Cont.	Sampling Date	Sampling Time	Preservatives	TPH-DRO/ORO (8015B)	VOC's (8260)	PCB's (8082)	Title 22 Metals (6010B)	BTEX	CAM 17	SVOC (8270)	Metals (6010)		Special Instructions
PG-1	pea gravel	glass jar	1	1/7/11	1412	N/A	✓		✓		✓	✓				
C-3	Concrete	bag	1	↓	1432	NA			✓				✓	✓		
B25-BE-13	Soil	jar	1		1450	NA	✓									
B27-BW-2	Soil	Jar	1		1531	NA	✓									
B27-BW-2	soil	VOA's	4		1531	H2O methanol	→									hold
B26-B-10	soil	jar	1		1535	NA	✓									
"	"	Voa's	4		1535	H2O Methanol	✓ →									hold
B27-BE-9.5	soil	jar	1		1621	NA	✓									
B27-BE-9.5	soil	Voa's	4		1621	H2O Methanol	→									hold
B28-BW-9.5	↓	jar	1		1713	NA	✓									
B28-B~~X~~W-9.5		Voa's	4		1713	H2O Methanol	→									hold
B28-BE-9.5		jar	1		1643	NA	✓									
B28-BE-9.5	↓	Voa's	4		1643	H2O methanol	→									hold
~~B27-BW-9.5~~				↓												

0.0 ol 1/11 8.5

Relinquished By	Date/Time	Received By	Date/Time
Mary Backworth	1/7/11 1724	[signature]	1-7-11 1724
[signature]	1-7-11 1900		
		Received in Lab By: [signature]	1/07/11 1900

Turnaround Time: (Check)
same day ____ 72 hours ____
24 hours ____ 5 days ✓
48 hours ____ normal ____

Sample Integrity: (Check)
Intact ✓ on Ice ✓ 1.7°C

Note: By relinquishing samples to TestAmerica, client agrees to pay for the services requested on this chain of custody form and any additional analyses performed on this project. Payment for services is due within 30 days from the date of invoice. Sample(s) will be disposed of after 30 days.

#07AR13

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THE LEADER IN ENVIRONMENTAL TESTING

TAL-0013(1007)

CHAIN OF CUSTODY FORM

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Client Name/Address: Golder Associates Inc, 230 Commerce St, Suite 200

Project/PO Number: 093-91993-02

Project Manager: Misty Vasquez

Phone Number: (714) 508-4400

Fax Number: (714) 508-4401

Sampler: MB

Analysis Required

Sample Description	Sample Matrix	Container Type	# of Cont.	Sampling Date	Sampling Time	Preservatives	TPH-DRO/ORO (8015B)	VOC's (8260)	PCB's (8082)	Title 22 Metals (6010B)	SVOC (8270)	Metals 6010				Special Instructions
B23-BE-11	soil	glass jar	1	1/7/11	0837	N/A	✓									
B23-BE-11	soil	Glass VOAS	6/1	1/7/11	0837	H2O Methanol	→	→	→	→	→	→	→	→	→	hold
F-D-1	oil	jar	1	1/7/11	0927	N/A			✓							
~~B23-BW-11~~ B23-BW-11	soil	jar	1	1/7/11	0937	N/A	✓									
B23-BW-11	soil	VOA's	6/1	1/7/11	0937	H2O Methanol	→	→	→	→	→	→	→	→	→	hold
A-D-1	oil	jar	1	↓	0958	N/A			✓							
B24-BW-11	soil	jar	1	↓	1012	N/A	✓									
B24-BW-11	soil	VOA's	6/1	↓	1012	H2O methanol	→	→	→	→	→	→	→	→	→	hold
C-1	concrete	bag	1	↓	1143	N/A			✓		✓	✓				
B24 BE-14	soil	jar	1	↓	1157	N/A	✓									
B24 BE-14	soil	VOA's	6/1	↓	1157	H2O methanol	→	→	→	→	→	→	→	→	→	hold
B25-BW-13	soil	jar	1	↓	1350	N/A	✓									
B25-BW-13	soil	VOA's	6/1	↓	1350	H2O methanol	→	→	→	→	→	→	→	→	→	hold
C-2	concrete	bag	1	↓	1406	N/A			✓		✓	✓				

Relinquished By	Date/Time	Received By	Date/Time
[signature]	1/7/11 1724	[signature]	1-7-11 1724
[signature]	1-7-11 1900		
		Received in Lab By: [signature]	1/07/11 1900

Turnaround Time: (Check)
- same day ____
- 24 hours ____
- 48 hours ____
- 72 hours ____
- 5 days ✓
- normal ____

Sample Integrity: (Check)
- Intact ✓
- on ice ✓ 1.7°C

Note: By relinquishing samples to TestAmerica, client agrees to pay for the services requested on this chain of custody form and any additional analyses performed on this project. Payment for services is due within 30 days from the date of invoice. Sample(s) will be disposed of after 30 days.

January 28, 2011

Misty Vazquez
Golder Associates Inc.
230 Commerce, Suite 200
Irvine, CA US

Enovis project ID: E202005
Project: Ford Star LM Lift Removal - Glendale
Project number: 093-91993-02
Laboratory: TestAmerica - Irvine
Laboratory submittal: IUA0873
Sample date: 2011-01-10
Report received by Enovis: 2011-01-27
Initial Data Verification completed by Enovis: 2011-01-28

Data verification for the report specified above was completed using the Ford Motor Company Environmental Laboratory Technical Specification, the Enovis Standard Operating Procedure for the Verification of Environmental Analytical Data and the associated analytical methods as references for evaluating the batch QC, sample data and report content. The EPA National Functional Guidelines for validating organic and inorganic data were used as guidance when addressing out of control QC results and the associated data qualifiers.

The following minor QC exceptions or missing information were noted:

DRO/ORO surrogate recoveries were diluted to below reliably quantifiable levels and were not used to qualify client sample results.

DRO/ORO MS/MSD recovery outliers were not performed on a sample from this submittal. Qualification of client sample results is not required based on these sample-matrix specific QC outliers.

Note: The laboratory EDD associated with this submittal was not received by Enovis so the data will not be available to export from the CLMS database.

The definitions of the qualifiers used for this data package are defined in the analytical report. Enovis valid qualifiers are defined in the table below. To view and download a PDF copy of the laboratory's analytical report access the Enovis CLMS at http://enovis-inc.com/enovis53/index.cfm.

Please contact me if you have any questions.

Sincerely,

Jim Tomalia

Project Scientist

Enovis Valid Qualifiers

Valid Qualifiers	Description
<	Less than the reported concentration.
>	Greater than the reported concentration.
B	The analyte / compound was detected in the associated blank. For Organic methods the sample concentration was greater than the RDL and less than 5x (or 10x for common lab contaminates) the blank concentration and is considered non-detect at the reported concentration. For Inorganic methods the sample concentration was greater than the RDL and less than 10x the blank concentration and is considered non-detect at the reported concentration.
E	The analyte / Compound reported exceeds the calibration range and is considered estimated.
EMPC	Estimated Minimum Potential Contamination - Dioxin/Furan analyses only.
J	Indicates an estimated value. This flag is used either when estimating a concentration for a tentatively identified compound or when the data indicates the presence of an analyte / compound but the result is less than the sample Quantitation limit, but greater than zero. The flag is also used in data validation to indicate a reported value should be considered estimated due to associated quality assurance deficiencies.
JH	The sample result is considered estimated and is potentially biased high.
JL	The sample result is considered estimated and is potentially biased low.
NJ	Tentatively identified compound with approximated concentration.
R	Indicates the value is considered to be unusable. (Note: The analyte / compound may or may not be present.)
TNTC	Too Numerous to Count - Asbestos and Microbiological Results.
U	Indicates that the analyte / compound was analyzed for, but not detected.
UB	The analyte / compound was detected in the associated blank. For Organic methods the sample concentration was less than the RDL and less than 5x (or 10x for common lab contaminates) the blank concentration and is considered non-detect at the RDL. For Inorganic methods the sample concentration was less than the RDL and less than 10x the blank concentration and is considered non-detect at the RDL.
UJ	The analyte / compound was not detected above the reported sample Quantitation limit. However, the Quantitation limit is considered to be approximate due to associated quality assurance results and may or may not represent the actual limit of Quantitation to accurately and precisely report the analyte in the sample.

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

17461 Derian Avenue, Suite 100, Irvine, CA 92614 (949) 261-1022 Fax:(949) 260-3297

LABORATORY REPORT

Prepared For: Golder Associates - Irvine
230 Commerce, Suite 200
Irvine, CA 92602
Attention: Misty Vazquez

Project: Ford Glendale (Star Lm)
Ford

Sampled: 01/10/11
Received: 01/10/11
Issued: 01/13/11 15:41

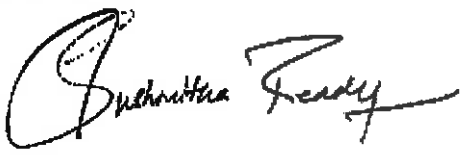
NELAP #01108CA California ELAP#2706 CSDLAC #10256 AZ #AZ0671 NV #CA01531

The results listed within this Laboratory Report pertain only to the samples tested in the laboratory. The analyses contained in this report were performed in accordance with the applicable certifications as noted. All soil samples are reported on a wet weight basis unless otherwise noted in the report. This Laboratory Report is confidential and is intended for the sole use of TestAmerica and its client. This report shall not be reproduced, except in full, without written permission from TestAmerica. The Chain of Custody, 1 page, is included and is an integral part of this report.
This entire report was reviewed and approved for release.

SAMPLE CROSS REFERENCE

LABORATORY ID	CLIENT ID	MATRIX
IUA0873-01	B24-BC-9	Soil
IUA0873-02	B24-BC-10	Soil

Reviewed By:



TestAmerica Irvine

Sushmitha Reddy For Amy Harris
Project Manager

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Golder Associates - Irvine
230 Commerce, Suite 200
Irvine, CA 92602
Attention: Misty Vazquez

Project ID: Ford Glendale (Star Lm)
Ford
Report Number: IUA0873

Sampled: 01/10/11
Received: 01/10/11

EXTRACTABLE FUEL HYDROCARBONS (CADHS/8015B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IUA0873-01 (B24-BC-9 - Soil)								
Reporting Units: mg/kg								
DRO (C10-C22)	EPA 8015B	11A1025	600	**3000**	120	1/11/2011	1/12/2011	
ORO (C18-C40)	EPA 8015B	11A1025	600	**15000**	120	1/11/2011	1/12/2011	
Surrogate: n-Octacosane (40-140%)				*1220 %*				*Z3*
Sample ID: IUA0873-02 (B24-BC-10 - Soil)								
Reporting Units: mg/kg								
DRO (C10-C22)	EPA 8015B	11A1025	200	**2000**	40	1/11/2011	1/12/2011	
ORO (C18-C40)	EPA 8015B	11A1025	200	5000	40	1/11/2011	1/12/2011	
Surrogate: n-Octacosane (40-140%)				*680 %*				*Z3*

TestAmerica Irvine

Sushmitha Reddy For Amy Harris
Project Manager

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Irvine, CA 92602
Attention: Misty Vazquez

Project ID: Ford Glendale (Star Lm)
Ford
Report Number: IUA0873

Sampled: 01/10/11
Received: 01/10/11

METHOD BLANK/QC DATA

EXTRACTABLE FUEL HYDROCARBONS (CADHS/8015B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 11A1025 Extracted: 01/11/11										
Blank Analyzed: 01/11/2011 (11A1025-BLK1)										
DRO (C10-C22)	ND	5.0	mg/kg							
ORO (C18-C40)	ND	5.0	mg/kg							
EFH (C10 - C28)	ND	5.0	mg/kg							
Surrogate: n-Octacosane	*6.54*		*mg/kg*	*6.67*		*98*	*40-140*			
LCS Analyzed: 01/11/2011 (11A1025-BS1)										
EFH (C10 - C28)	27.5	5.0	mg/kg	33.3		82	45-115			
Surrogate: n-Octacosane	*6.42*		*mg/kg*	*6.67*		*96*	*40-140*			
Matrix Spike Analyzed: 01/11/2011 (11A1025-MS1)					**Source: IUA0751-16**					
EFH (C10 - C28)	23.3	5.0	mg/kg	33.3	17.8	17	40-120			*M2*
Surrogate: n-Octacosane	*5.85*		*mg/kg*	*6.67*		*88*	*40-140*			
Matrix Spike Dup Analyzed: 01/11/2011 (11A1025-MSD1)					**Source: IUA0751-16**					
EFH (C10 - C28)	26.1	5.0	mg/kg	33.3	17.8	25	40-120	12	30	*M2*
Surrogate: n-Octacosane	*5.96*		*mg/kg*	*6.67*		*89*	*40-140*			

TestAmerica Irvine

Sushmitha Reddy For Amy Harris
Project Manager

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230 Commerce, Suite 200
Irvine, CA 92602
Attention: Misty Vazquez

Project ID: Ford Glendale (Star Lm)
Ford
Report Number: IUA0873

Sampled: 01/10/11
Received: 01/10/11

DATA QUALIFIERS AND DEFINITIONS

M2	The MS and/or MSD were below the acceptance limits due to sample matrix interference. See Blank Spike (LCS).
Z3	The sample required a dilution due to the nature of the sample matrix. Because of this dilution, the surrogate spike concentration in the sample was reduced to a level where the recovery calculation does not provide useful information.
ND	Analyte NOT DETECTED at or above the reporting limit or MDL, if MDL is specified.
RPD	Relative Percent Difference

ADDITIONAL COMMENTS

For Extractable Fuel Hydrocarbons (EFH, DRO, ORO) :

Unless otherwise noted, Extractable Fuel Hydrocarbons (EFH, DRO, ORO) are quantitated against a Diesel Fuel Standard.

TestAmerica Irvine

Sushmitha Reddy For Amy Harris
Project Manager

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Irvine, CA 92602
Attention: Misty Vazquez

Project ID: Ford Glendale (Star Lm)
Ford
Report Number: IUA0873

Sampled: 01/10/11
Received: 01/10/11

Certification Summary

TestAmerica Irvine

Method	Matrix	Nelac	California
EPA 8015B	Soil	X	X

Nevada and NELAP provide analyte specific accreditations. Analyte specific information for TestAmerica may be obtained by contacting the laboratory or visiting our website at www.testamericainc.com

TestAmerica Irvine

Sushmitha Reddy For Amy Harris
Project Manager

IVA 0013

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

CHAIN OF CUSTODY FORM

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9830 South 51st St., Suite B-120, Phoenix, AZ 85044 (480) 785-0043 FAX (480) 785-0851
2520 E. Sunset Rd. #3, Las Vegas, NV 89120 (702) 798-3620 FAX (702) 798-3621

TAL-0013(1007)

Client Name/Address: Golder Associates 230 Commerce Suite 200 Irvine CA 92602

Project/PO Number: 093-91993-02

Project Manager: Misty Vasquez

Phone Number: 714-508-4400

Fax Number: 714-508-4401

Sampler: MB

Analysis Required: TPH-DRO-ORO (8015B); VOCs (8260); PCBs (8082); Title 22 Metals (6010B)

Sample Description	Sample Matrix	Container Type	# of Cont.	Sampling Date	Sampling Time	Preservatives	TPH-DRO-ORO (8015B)	VOCs (8260)	PCBs (8082)	Title 22 Metals (6010B)	Special Instructions
B24-BC-9	soil	jar	1	1/10/11	1305	N/A	✓				
B24-BC-9	↓	VOAS	6 1	↓	1305	H2O Methanol					→ hold
B24-BC-10		jar	1		1255	N/A	✓				
B24-BC-10		VOAS	4 1		1255	H2O Methanol					→ hold

16:13 1/4/14 NP

Relinquished By:	Date/Time:	Received By:	Date/Time:
[signature]	1/10/11 1319	[signature]	1/10/11 1319
Relinquished By: [signature]	Date/Time: 1/10/11 1510	Received By:	Date/Time:
Relinquished By:	Date/Time:	Received in Lab By: [signature]	Date/Time: 1/10/11 1510

Turnaround Time: (Check)
same day ____ 72 hours ____
24 hours ____ 5 days ✓
48 hours ____ normal ____

Sample Integrity: (Check)
intact ✓ on ice ✓

2.3c

Note: By relinquishing samples to TestAmerica, client agrees to pay for the services requested on this chain of custody form and any additional analyses performed on this project. Payment for services is due within 30 days from the date of invoice. Sample(s) will be disposed of after 30 days.

#201

March 07, 2011

Misty Vazquez
Golder Associates Inc.
230 Commerce, Suite 200
Irvine, CA US 92602

Enovis project ID: E202005
Project: Ford Star LM Lift Removal
Project number: 093-91993-02
Laboratory: TestAmerica - Irvine
Laboratory submittal: IUB1090
Sample date: 2011-02-09
Report received by Enovis: 2011-03-07
Initial Data Verification completed by Enovis: 2011-03-07

Data verification for the report specified above was completed using the Ford Motor Company Environmental Laboratory Technical Specification, the Enovis Standard Operating Procedure for the Verification of Environmental Analytical Data and the associated analytical methods as references for evaluating the batch QC, sample data and report content. The EPA National Functional Guidelines for validating organic and inorganic data were used as guidance when addressing out of control QC results and the associated data qualifiers.

3 Soil sample(s) were analyzed for GCMS VOC, GRO, EFH and Metals parameter(s).

Sample/MS/MSD Surrogate Recovery, Blank/LCS Surrogate Recovery, LCS/LCD Recovery, MS/MSD Recovery, MS/MSD RPD, Blank Contamination and Hold Time Exception were reviewed as part of our verification.

The following minor QC exceptions or missing information were noted:

EFH surrogate recoveries were outside of laboratory control limits biased high for samples -002 and -003. Qualification of client sample results is not required based on these surrogate recovery high bias outliers.

EFH, GCMS VOC and Metals MS/MSD batch QC recovery outliers were not performed on samples from this submittal. Qualification of client sample results is not required based on these sample-matrix specific QC outliers.

GRO surrogate recoveries were outside of laboratory control limits biased high for the QC batch LCS. Qualification of client sample results is not required based on this surrogate recovery high bias outliers.

Samples -002 and -003 STLC Lead results were greater than the associated STLC Lead action limits referenced in the laboratory report.

The definitions of the qualifiers used for this data package are defined in the analytical report. Enovis valid qualifiers are defined in the table below. To view and download a PDF copy of the laboratory's analytical report access the Enovis CLMS at http://enovis-inc.com/enovis53/index.cfm.

Please contact me if you have any questions.

Sincerely,

Jim Tomalia

Project Scientist

Enovis Valid Qualifiers

Valid Qualifiers	Description
<	Less than the reported concentration.
>	Greater than the reported concentration.
B	The analyte / compound was detected in the associated blank. For Organic methods the sample concentration was greater than the RDL and less than 5x (or 10x for common lab contaminates) the blank concentration and is considered non-detect at the reported concentration. For Inorganic methods the sample concentration was greater than the RDL and less than 10x the blank concentration and is considered non-detect at the reported concentration.
E	The analyte / Compound reported exceeds the calibration range and is considered estimated.
EMPC	Estimated Minimum Potential Contamination - Dioxin/Furan analyses only.
J	Indicates an estimated value. This flag is used either when estimating a concentration for a tentatively identified compound or when the data indicates the presence of an analyte / compound but the result is less than the sample Quantitation limit, but greater than zero. The flag is also used in data validation to indicate a reported value should be considered estimated due to associated quality assurance deficiencies.
JH	The sample result is considered estimated and is potentially biased high.
JL	The sample result is considered estimated and is potentially biased low.
NJ	Tentatively identified compound with approximated concentration.
R	Indicates the value is considered to be unusable. (Note: The analyte / compound may or may not be present.)
TNTC	Too Numerous to Count - Asbestos and Microbiological Results.
U	Indicates that the analyte / compound was analyzed for, but not detected.
UB	The analyte / compound was detected in the associated blank. For Organic methods the sample concentration was less than the RDL and less than 5x (or 10x for common lab contaminates) the blank concentration and is considered non-detect at the RDL. For Inorganic methods the sample concentration was less than the RDL and less than 10x the blank concentration and is considered non-detect at the RDL.
UJ	The analyte / compound was not detected above the reported sample Quantitation limit. However, the Quantitation limit is considered to be approximate due to associated quality assurance results and may or may not represent the actual limit of Quantitation to accurately and precisely report the analyte in the sample.

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

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LABORATORY REPORT

Prepared For: Golder Associates - Irvine
230 Commerce, Suite 200
Irvine, CA 92602
Attention: Misty Vazquez

Project: Ford Glendale (Star Lm)
093-91993

Sampled: 02/09/11
Received: 02/09/11
Issued: 02/24/11 16:52

NELAP #01108CA California ELAP#2706 CSDLAC #10256 AZ #AZ0671 NV #CA01531

The results listed within this Laboratory Report pertain only to the samples tested in the laboratory. The analyses contained in this report were performed in accordance with the applicable certifications as noted. All soil samples are reported on a wet weight basis unless otherwise noted in the report. This Laboratory Report is confidential and is intended for the sole use of TestAmerica and its client. This report shall not be reproduced, except in full, without written permission from TestAmerica. The Chain of Custody, 1 page, is included and is an integral part of this report.
This entire report was reviewed and approved for release.

SAMPLE CROSS REFERENCE

LABORATORY ID	CLIENT ID	MATRIX
IUB1090-01	SP-1	Soil
IUB1090-02	SP-2	Soil
IUB1090-03	SP-3	Soil
IUB1090-04	PG-1	Soil
IUB1090-05	PG-2	Soil

Reviewed By:

Sushmitha Reddy

TestAmerica Irvine

Sushmitha Reddy For Amy Harris
Project Manager

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Golder Associates - Irvine .
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Irvine, CA 92602
Attention: Misty Vazquez

Project ID: Ford Glendale (Star Lm) .
093-91993
Report Number: IUB1090

Sampled: 02/09/11
Received: 02/09/11

EXTRACTABLE FUEL HYDROCARBONS (CADHS/8015B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IUB1090-01 (SP-1 - Soil)				**Sampled: 02/09/11**				
Reporting Units: mg/kg								
EFH (C13 - C40)	EPA 8015B	11B1298	5.0	**61**	1	2/11/2011	2/11/2011	
EFH (C13 - C14)	EPA 8015B	11B1298	3.5	ND	1	2/11/2011	2/11/2011	
EFH (C15 - C16)	EPA 8015B	11B1298	3.5	ND	1	2/11/2011	2/11/2011	
EFH (C17 - C18)	EPA 8015B	11B1298	3.5	**4.2**	1	2/11/2011	2/11/2011	
EFH (C19 - C20)	EPA 8015B	11B1298	3.5	**7.8**	1	2/11/2011	2/11/2011	
EFH (C21 - C22)	EPA 8015B	11B1298	3.5	**8.9**	1	2/11/2011	2/11/2011	
EFH (C23 - C24)	EPA 8015B	11B1298	3.5	**8.6**	1	2/11/2011	2/11/2011	
EFH (C25 - C26)	EPA 8015B	11B1298	3.5	**7.2**	1	2/11/2011	2/11/2011	
EFH (C27 - C28)	EPA 8015B	11B1298	3.5	**3.6**	1	2/11/2011	2/11/2011	
EFH (C29 - C30)	EPA 8015B	11B1298	3.5	**7.5**	1	2/11/2011	2/11/2011	
EFH (C31 - C32)	EPA 8015B	11B1298	3.5	**4.3**	1	2/11/2011	2/11/2011	
EFH (C33 - C34)	EPA 8015B	11B1298	3.5	ND	1	2/11/2011	2/11/2011	
EFH (C35 - C36)	EPA 8015B	11B1298	3.5	ND	1	2/11/2011	2/11/2011	
EFH (C37 - C38)	EPA 8015B	11B1298	3.5	ND	1	2/11/2011	2/11/2011	
EFH (C39 - C40)	EPA 8015B	11B1298	3.5	ND	1	2/11/2011	2/11/2011	
Surrogate: n-Octacosane (40-140%)				*125 %*				
Sample ID: IUB1090-02 (SP-2 - Soil)				**Sampled: 02/09/11**				
Reporting Units: mg/kg								
EFH (C13 - C40)	EPA 8015B	11B1298	5.0	**420**	1	2/11/2011	2/11/2011	
EFH (C13 - C14)	EPA 8015B	11B1298	3.5	ND	1	2/11/2011	2/11/2011	
EFH (C15 - C16)	EPA 8015B	11B1298	3.5	**4.0**	1	2/11/2011	2/11/2011	
EFH (C17 - C18)	EPA 8015B	11B1298	3.5	**13**	1	2/11/2011	2/11/2011	
EFH (C19 - C20)	EPA 8015B	11B1298	3.5	**29**	1	2/11/2011	2/11/2011	
EFH (C21 - C22)	EPA 8015B	11B1298	3.5	**53**	1	2/11/2011	2/11/2011	
EFH (C23 - C24)	EPA 8015B	11B1298	3.5	**67**	1	2/11/2011	2/11/2011	
EFH (C25 - C26)	EPA 8015B	11B1298	3.5	**52**	1	2/11/2011	2/11/2011	
EFH (C27 - C28)	EPA 8015B	11B1298	3.5	**41**	1	2/11/2011	2/11/2011	
EFH (C29 - C30)	EPA 8015B	11B1298	3.5	**60**	1	2/11/2011	2/11/2011	
EFH (C31 - C32)	EPA 8015B	11B1298	3.5	**46**	1	2/11/2011	2/11/2011	
EFH (C33 - C34)	EPA 8015B	11B1298	3.5	**26**	1	2/11/2011	2/11/2011	
EFH (C35 - C36)	EPA 8015B	11B1298	3.5	**13**	1	2/11/2011	2/11/2011	
EFH (C37 - C38)	EPA 8015B	11B1298	3.5	**7.1**	1	2/11/2011	2/11/2011	
EFH (C39 - C40)	EPA 8015B	11B1298	3.5	ND	1	2/11/2011	2/11/2011	
Surrogate: n-Octacosane (40-140%)				*314 %*				*ZX*

TestAmerica Irvine

Sushmitha Reddy For Amy Harris
Project Manager

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Irvine, CA 92602
Attention: Misty Vazquez

Project ID: Ford Glendale (Star Lm)
093-91993
Report Number: IUB1090

Sampled: 02/09/11
Received: 02/09/11

EXTRACTABLE FUEL HYDROCARBONS (CADHS/8015B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IUB1090-03 (SP-3 - Soil)					**Sampled: 02/09/11**			
Reporting Units: mg/kg								
EFH (C13 - C40)	EPA 8015B	11B1298	5.0	**800**	1	2/11/2011	2/12/2011	
EFH (C13 - C14)	EPA 8015B	11B1298	3.5	ND	1	2/11/2011	2/12/2011	
EFH (C15 - C16)	EPA 8015B	11B1298	3.5	**9.2**	1	2/11/2011	2/12/2011	
EFH (C17 - C18)	EPA 8015B	11B1298	3.5	**29**	1	2/11/2011	2/12/2011	
EFH (C19 - C20)	EPA 8015B	11B1298	3.5	**68**	1	2/11/2011	2/12/2011	
EFH (C21 - C22)	EPA 8015B	11B1298	3.5	**110**	1	2/11/2011	2/12/2011	
EFH (C23 - C24)	EPA 8015B	11B1298	3.5	**130**	1	2/11/2011	2/12/2011	
EFH (C25 - C26)	EPA 8015B	11B1298	3.5	**160**	1	2/11/2011	2/12/2011	
EFH (C27 - C28)	EPA 8015B	11B1298	3.5	**110**	1	2/11/2011	2/12/2011	
EFH (C29 - C30)	EPA 8015B	11B1298	3.5	**46**	1	2/11/2011	2/12/2011	
EFH (C31 - C32)	EPA 8015B	11B1298	3.5	**73**	1	2/11/2011	2/12/2011	
EFH (C33 - C34)	EPA 8015B	11B1298	3.5	**27**	1	2/11/2011	2/12/2011	
EFH (C35 - C36)	EPA 8015B	11B1298	3.5	**11**	1	2/11/2011	2/12/2011	
EFH (C37 - C38)	EPA 8015B	11B1298	3.5	**10**	1	2/11/2011	2/12/2011	
EFH (C39 - C40)	EPA 8015B	11B1298	3.5	**5.7**	1	2/11/2011	2/12/2011	
Surrogate: n-Octacosane (40-140%)				*604 %*				*ZX*

TestAmerica Irvine

Sushmitha Reddy For Amy Harris
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Golder Associates - Irvine
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Attention: Misty Vazquez

Project ID: Ford Glendale (Star Lm)
093-91993
Report Number: IUB1090

Sampled: 02/09/11
Received: 02/09/11

VOLATILE HYDROCARBON DISTRIBUTION (EPA 8015 Mod.)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IUB1090-01 (SP-1 - Soil)				**Sampled: 02/09/11**				
Reporting Units: mg/kg								
GRO (C4 - C12)	EPA 8015B MOD	11B1508	0.40	ND	0.992	2/11/2011	2/12/2011	
C4-C5	EPA 8015B MOD	11B1508	0.060	ND	0.992	2/11/2011	2/12/2011	
C6	EPA 8015B MOD	11B1508	0.060	ND	0.992	2/11/2011	2/12/2011	
C7	EPA 8015B MOD	11B1508	0.060	ND	0.992	2/11/2011	2/12/2011	
C8	EPA 8015B MOD	11B1508	0.060	ND	0.992	2/11/2011	2/12/2011	
C9	EPA 8015B MOD	11B1508	0.060	ND	0.992	2/11/2011	2/12/2011	
C10	EPA 8015B MOD	11B1508	0.060	ND	0.992	2/11/2011	2/12/2011	
C11	EPA 8015B MOD	11B1508	0.060	ND	0.992	2/11/2011	2/12/2011	
C12	EPA 8015B MOD	11B1508	0.060	ND	0.992	2/11/2011	2/12/2011	
Surrogate: 4-BFB (FID) (65-140%)				*88 %*				
Sample ID: IUB1090-02 (SP-2 - Soil)				**Sampled: 02/09/11**				
Reporting Units: mg/kg								
GRO (C4 - C12)	EPA 8015B MOD	11B1508	0.37	ND	0.914	2/11/2011	2/12/2011	
C4-C5	EPA 8015B MOD	11B1508	0.055	ND	0.914	2/11/2011	2/12/2011	
C6	EPA 8015B MOD	11B1508	0.055	ND	0.914	2/11/2011	2/12/2011	
C7	EPA 8015B MOD	11B1508	0.055	ND	0.914	2/11/2011	2/12/2011	
C8	EPA 8015B MOD	11B1508	0.055	ND	0.914	2/11/2011	2/12/2011	
C9	EPA 8015B MOD	11B1508	0.055	ND	0.914	2/11/2011	2/12/2011	
C10	EPA 8015B MOD	11B1508	0.055	ND	0.914	2/11/2011	2/12/2011	
C11	EPA 8015B MOD	11B1508	0.055	ND	0.914	2/11/2011	2/12/2011	
C12	EPA 8015B MOD	11B1508	0.055	ND	0.914	2/11/2011	2/12/2011	
Surrogate: 4-BFB (FID) (65-140%)				*87 %*				
Sample ID: IUB1090-03 (SP-3 - Soil)				**Sampled: 02/09/11**				
Reporting Units: mg/kg								
GRO (C4 - C12)	EPA 8015B MOD	11B1508	0.39	ND	0.982	2/11/2011	2/12/2011	
C4-C5	EPA 8015B MOD	11B1508	0.059	ND	0.982	2/11/2011	2/12/2011	
C6	EPA 8015B MOD	11B1508	0.059	ND	0.982	2/11/2011	2/12/2011	
C7	EPA 8015B MOD	11B1508	0.059	ND	0.982	2/11/2011	2/12/2011	
C8	EPA 8015B MOD	11B1508	0.059	ND	0.982	2/11/2011	2/12/2011	
C9	EPA 8015B MOD	11B1508	0.059	ND	0.982	2/11/2011	2/12/2011	
C10	EPA 8015B MOD	11B1508	0.059	ND	0.982	2/11/2011	2/12/2011	
C11	EPA 8015B MOD	11B1508	0.059	ND	0.982	2/11/2011	2/12/2011	
C12	EPA 8015B MOD	11B1508	0.059	ND	0.982	2/11/2011	2/12/2011	
Surrogate: 4-BFB (FID) (65-140%)				*80 %*				

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Irvine, CA 92602
Attention: Misty Vazquez

Project ID: Ford Glendale (Star Lm)
093-91993
Report Number: IUB1090

Sampled: 02/09/11
Received: 02/09/11

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IUB1090-01 (SP-1 - Soil)				**Sampled: 02/09/11**				
Reporting Units: ug/kg								
Benzene	EPA 8260B	11B1409	2.0	ND	0.998	2/11/2011	2/11/2011	
Bromobenzene	EPA 8260B	11B1409	5.0	ND	0.998	2/11/2011	2/11/2011	
Bromochloromethane	EPA 8260B	11B1409	5.0	ND	0.998	2/11/2011	2/11/2011	
Bromodichloromethane	EPA 8260B	11B1409	2.0	ND	0.998	2/11/2011	2/11/2011	
Bromoform	EPA 8260B	11B1409	5.0	ND	0.998	2/11/2011	2/11/2011	
Bromomethane	EPA 8260B	11B1409	5.0	ND	0.998	2/11/2011	2/11/2011	
n-Butylbenzene	EPA 8260B	11B1409	5.0	ND	0.998	2/11/2011	2/11/2011	
sec-Butylbenzene	EPA 8260B	11B1409	5.0	ND	0.998	2/11/2011	2/11/2011	
tert-Butylbenzene	EPA 8260B	11B1409	5.0	ND	0.998	2/11/2011	2/11/2011	
Carbon tetrachloride	EPA 8260B	11B1409	5.0	ND	0.998	2/11/2011	2/11/2011	
Chlorobenzene	EPA 8260B	11B1409	2.0	ND	0.998	2/11/2011	2/11/2011	
Chloroethane	EPA 8260B	11B1409	5.0	ND	0.998	2/11/2011	2/11/2011	
Chloroform	EPA 8260B	11B1409	2.0	ND	0.998	2/11/2011	2/11/2011	
Chloromethane	EPA 8260B	11B1409	5.0	ND	0.998	2/11/2011	2/11/2011	
2-Chlorotoluene	EPA 8260B	11B1409	5.0	ND	0.998	2/11/2011	2/11/2011	
4-Chlorotoluene	EPA 8260B	11B1409	5.0	ND	0.998	2/11/2011	2/11/2011	
1,2-Dibromo-3-chloropropane	EPA 8260B	11B1409	5.0	ND	0.998	2/11/2011	2/11/2011	
Dibromochloromethane	EPA 8260B	11B1409	2.0	ND	0.998	2/11/2011	2/11/2011	
1,2-Dibromoethane (EDB)	EPA 8260B	11B1409	2.0	ND	0.998	2/11/2011	2/11/2011	
Dibromomethane	EPA 8260B	11B1409	2.0	ND	0.998	2/11/2011	2/11/2011	
1,2-Dichlorobenzene	EPA 8260B	11B1409	2.0	ND	0.998	2/11/2011	2/11/2011	
1,3-Dichlorobenzene	EPA 8260B	11B1409	2.0	ND	0.998	2/11/2011	2/11/2011	
1,4-Dichlorobenzene	EPA 8260B	11B1409	2.0	ND	0.998	2/11/2011	2/11/2011	
Dichlorodifluoromethane	EPA 8260B	11B1409	5.0	ND	0.998	2/11/2011	2/11/2011	
1,1-Dichloroethane	EPA 8260B	11B1409	2.0	ND	0.998	2/11/2011	2/11/2011	
1,2-Dichloroethane	EPA 8260B	11B1409	2.0	ND	0.998	2/11/2011	2/11/2011	
1,1-Dichloroethene	EPA 8260B	11B1409	5.0	ND	0.998	2/11/2011	2/11/2011	
cis-1,2-Dichloroethene	EPA 8260B	11B1409	2.0	ND	0.998	2/11/2011	2/11/2011	
trans-1,2-Dichloroethene	EPA 8260B	11B1409	2.0	ND	0.998	2/11/2011	2/11/2011	
1,2-Dichloropropane	EPA 8260B	11B1409	2.0	ND	0.998	2/11/2011	2/11/2011	
1,3-Dichloropropane	EPA 8260B	11B1409	2.0	ND	0.998	2/11/2011	2/11/2011	
2,2-Dichloropropane	EPA 8260B	11B1409	2.0	ND	0.998	2/11/2011	2/11/2011	
cis-1,3-Dichloropropene	EPA 8260B	11B1409	2.0	ND	0.998	2/11/2011	2/11/2011	
trans-1,3-Dichloropropene	EPA 8260B	11B1409	2.0	ND	0.998	2/11/2011	2/11/2011	
1,1-Dichloropropene	EPA 8260B	11B1409	2.0	ND	0.998	2/11/2011	2/11/2011	
Ethylbenzene	EPA 8260B	11B1409	2.0	ND	0.998	2/11/2011	2/11/2011	
Hexachlorobutadiene	EPA 8260B	11B1409	5.0	ND	0.998	2/11/2011	2/11/2011	
Isopropylbenzene	EPA 8260B	11B1409	2.0	ND	0.998	2/11/2011	2/11/2011	
p-Isopropyltoluene	EPA 8260B	11B1409	2.0	ND	0.998	2/11/2011	2/11/2011	
Methylene chloride	EPA 8260B	11B1409	20	ND	0.998	2/11/2011	2/11/2011	
Naphthalene	EPA 8260B	11B1409	5.0	ND	0.998	2/11/2011	2/11/2011	

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Sampled: 02/09/11
Received: 02/09/11

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IUB1090-01 (SP-1 - Soil) - cont.				**Sampled: 02/09/11**				
Reporting Units: ug/kg								
n-Propylbenzene	EPA 8260B	11B1409	2.0	ND	0.998	2/11/2011	2/11/2011	
Styrene	EPA 8260B	11B1409	2.0	ND	0.998	2/11/2011	2/11/2011	
1,1,1,2-Tetrachloroethane	EPA 8260B	11B1409	5.0	ND	0.998	2/11/2011	2/11/2011	
1,1,2,2-Tetrachloroethane	EPA 8260B	11B1409	2.0	ND	0.998	2/11/2011	2/11/2011	
Tetrachloroethene	EPA 8260B	11B1409	2.0	ND	0.998	2/11/2011	2/11/2011	
Toluene	EPA 8260B	11B1409	2.0	ND	0.998	2/11/2011	2/11/2011	
1,2,3-Trichlorobenzene	EPA 8260B	11B1409	5.0	ND	0.998	2/11/2011	2/11/2011	
1,2,4-Trichlorobenzene	EPA 8260B	11B1409	5.0	ND	0.998	2/11/2011	2/11/2011	
1,1,1-Trichloroethane	EPA 8260B	11B1409	2.0	ND	0.998	2/11/2011	2/11/2011	
1,1,2-Trichloroethane	EPA 8260B	11B1409	2.0	ND	0.998	2/11/2011	2/11/2011	
Trichloroethene	EPA 8260B	11B1409	2.0	ND	0.998	2/11/2011	2/11/2011	
Trichlorofluoromethane	EPA 8260B	11B1409	5.0	ND	0.998	2/11/2011	2/11/2011	
1,2,3-Trichloropropane	EPA 8260B	11B1409	10	ND	0.998	2/11/2011	2/11/2011	
1,2,4-Trimethylbenzene	EPA 8260B	11B1409	2.0	ND	0.998	2/11/2011	2/11/2011	
1,3,5-Trimethylbenzene	EPA 8260B	11B1409	2.0	ND	0.998	2/11/2011	2/11/2011	
Vinyl chloride	EPA 8260B	11B1409	5.0	ND	0.998	2/11/2011	2/11/2011	
m,p-Xylenes	EPA 8260B	11B1409	2.0	ND	0.998	2/11/2011	2/11/2011	
o-Xylene	EPA 8260B	11B1409	2.0	ND	0.998	2/11/2011	2/11/2011	
Surrogate: 4-Bromofluorobenzene (80-120%)				*92 %*				
Surrogate: Dibromofluoromethane (80-125%)				*111 %*				
Surrogate: Toluene-d8 (80-120%)				*99 %*				

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093-91993
Report Number: IUB1090

Sampled: 02/09/11
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VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IUB1090-02 (SP-2 - Soil)					**Sampled: 02/09/11**			
Reporting Units: ug/kg								
Benzene	EPA 8260B	11B1409	2.0	ND	1	2/11/2011	2/11/2011	
Bromobenzene	EPA 8260B	11B1409	5.0	ND	1	2/11/2011	2/11/2011	
Bromochloromethane	EPA 8260B	11B1409	5.0	ND	1	2/11/2011	2/11/2011	
Bromodichloromethane	EPA 8260B	11B1409	2.0	ND	1	2/11/2011	2/11/2011	
Bromoform	EPA 8260B	11B1409	5.0	ND	1	2/11/2011	2/11/2011	
Bromomethane	EPA 8260B	11B1409	5.0	ND	1	2/11/2011	2/11/2011	
n-Butylbenzene	EPA 8260B	11B1409	5.0	ND	1	2/11/2011	2/11/2011	
sec-Butylbenzene	EPA 8260B	11B1409	5.0	ND	1	2/11/2011	2/11/2011	
tert-Butylbenzene	EPA 8260B	11B1409	5.0	ND	1	2/11/2011	2/11/2011	
Carbon tetrachloride	EPA 8260B	11B1409	5.0	ND	1	2/11/2011	2/11/2011	
Chlorobenzene	EPA 8260B	11B1409	2.0	ND	1	2/11/2011	2/11/2011	
Chloroethane	EPA 8260B	11B1409	5.0	ND	1	2/11/2011	2/11/2011	
Chloroform	EPA 8260B	11B1409	2.0	ND	1	2/11/2011	2/11/2011	
Chloromethane	EPA 8260B	11B1409	5.0	ND	1	2/11/2011	2/11/2011	
2-Chlorotoluene	EPA 8260B	11B1409	5.0	ND	1	2/11/2011	2/11/2011	
4-Chlorotoluene	EPA 8260B	11B1409	5.0	ND	1	2/11/2011	2/11/2011	
1,2-Dibromo-3-chloropropane	EPA 8260B	11B1409	5.0	ND	1	2/11/2011	2/11/2011	
Dibromochloromethane	EPA 8260B	11B1409	2.0	ND	1	2/11/2011	2/11/2011	
1,2-Dibromoethane (EDB)	EPA 8260B	11B1409	2.0	ND	1	2/11/2011	2/11/2011	
Dibromomethane	EPA 8260B	11B1409	2.0	ND	1	2/11/2011	2/11/2011	
1,2-Dichlorobenzene	EPA 8260B	11B1409	2.0	ND	1	2/11/2011	2/11/2011	
1,3-Dichlorobenzene	EPA 8260B	11B1409	2.0	ND	1	2/11/2011	2/11/2011	
1,4-Dichlorobenzene	EPA 8260B	11B1409	2.0	ND	1	2/11/2011	2/11/2011	
Dichlorodifluoromethane	EPA 8260B	11B1409	5.0	ND	1	2/11/2011	2/11/2011	
1,1-Dichloroethane	EPA 8260B	11B1409	2.0	ND	1	2/11/2011	2/11/2011	
1,2-Dichloroethane	EPA 8260B	11B1409	2.0	ND	1	2/11/2011	2/11/2011	
1,1-Dichloroethene	EPA 8260B	11B1409	5.0	ND	1	2/11/2011	2/11/2011	
cis-1,2-Dichloroethene	EPA 8260B	11B1409	2.0	ND	1	2/11/2011	2/11/2011	
trans-1,2-Dichloroethene	EPA 8260B	11B1409	2.0	ND	1	2/11/2011	2/11/2011	
1,2-Dichloropropane	EPA 8260B	11B1409	2.0	ND	1	2/11/2011	2/11/2011	
1,3-Dichloropropane	EPA 8260B	11B1409	2.0	ND	1	2/11/2011	2/11/2011	
2,2-Dichloropropane	EPA 8260B	11B1409	2.0	ND	1	2/11/2011	2/11/2011	
cis-1,3-Dichloropropene	EPA 8260B	11B1409	2.0	ND	1	2/11/2011	2/11/2011	
trans-1,3-Dichloropropene	EPA 8260B	11B1409	2.0	ND	1	2/11/2011	2/11/2011	
1,1-Dichloropropene	EPA 8260B	11B1409	2.0	ND	1	2/11/2011	2/11/2011	
Ethylbenzene	EPA 8260B	11B1409	2.0	ND	1	2/11/2011	2/11/2011	
Hexachlorobutadiene	EPA 8260B	11B1409	5.0	ND	1	2/11/2011	2/11/2011	
Isopropylbenzene	EPA 8260B	11B1409	2.0	ND	1	2/11/2011	2/11/2011	
p-Isopropyltoluene	EPA 8260B	11B1409	2.0	ND	1	2/11/2011	2/11/2011	
Methylene chloride	EPA 8260B	11B1409	20	ND	1	2/11/2011	2/11/2011	
Naphthalene	EPA 8260B	11B1409	5.0	ND	1	2/11/2011	2/11/2011	

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Project ID: Ford Glendale (Star Lm)
093-91993
Report Number: IUB1090

Sampled: 02/09/11
Received: 02/09/11

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IUB1090-02 (SP-2 - Soil) - cont.					**Sampled: 02/09/11**			
Reporting Units: ug/kg								
n-Propylbenzene	EPA 8260B	11B1409	2.0	ND	1	2/11/2011	2/11/2011	
Styrene	EPA 8260B	11B1409	2.0	ND	1	2/11/2011	2/11/2011	
1,1,1,2-Tetrachloroethane	EPA 8260B	11B1409	5.0	ND	1	2/11/2011	2/11/2011	
1,1,2,2-Tetrachloroethane	EPA 8260B	11B1409	2.0	ND	1	2/11/2011	2/11/2011	
Tetrachloroethene	EPA 8260B	11B1409	2.0	ND	1	2/11/2011	2/11/2011	
Toluene	EPA 8260B	11B1409	2.0	ND	1	2/11/2011	2/11/2011	
1,2,3-Trichlorobenzene	EPA 8260B	11B1409	5.0	ND	1	2/11/2011	2/11/2011	
1,2,4-Trichlorobenzene	EPA 8260B	11B1409	5.0	ND	1	2/11/2011	2/11/2011	
1,1,1-Trichloroethane	EPA 8260B	11B1409	2.0	ND	1	2/11/2011	2/11/2011	
1,1,2-Trichloroethane	EPA 8260B	11B1409	2.0	ND	1	2/11/2011	2/11/2011	
Trichloroethene	EPA 8260B	11B1409	2.0	ND	1	2/11/2011	2/11/2011	
Trichlorofluoromethane	EPA 8260B	11B1409	5.0	ND	1	2/11/2011	2/11/2011	
1,2,3-Trichloropropane	EPA 8260B	11B1409	10	ND	1	2/11/2011	2/11/2011	
1,2,4-Trimethylbenzene	EPA 8260B	11B1409	2.0	ND	1	2/11/2011	2/11/2011	
1,3,5-Trimethylbenzene	EPA 8260B	11B1409	2.0	ND	1	2/11/2011	2/11/2011	
Vinyl chloride	EPA 8260B	11B1409	5.0	ND	1	2/11/2011	2/11/2011	
m,p-Xylenes	EPA 8260B	11B1409	2.0	ND	1	2/11/2011	2/11/2011	
o-Xylene	EPA 8260B	11B1409	2.0	ND	1	2/11/2011	2/11/2011	
Surrogate: 4-Bromofluorobenzene (80-120%)				*94 %*				
Surrogate: Dibromofluoromethane (80-125%)				*112 %*				
Surrogate: Toluene-d8 (80-120%)				*90 %*				

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Project ID: Ford Glendale (Star Lm)
093-91993
Report Number: IUB1090

Sampled: 02/09/11
Received: 02/09/11

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IUB1090-03 (SP-3 - Soil)					**Sampled: 02/09/11**			
Reporting Units: ug/kg								
Benzene	EPA 8260B	11B1409	2.0	ND	1	2/11/2011	2/11/2011	
Bromobenzene	EPA 8260B	11B1409	5.0	ND	1	2/11/2011	2/11/2011	
Bromochloromethane	EPA 8260B	11B1409	5.0	ND	1	2/11/2011	2/11/2011	
Bromodichloromethane	EPA 8260B	11B1409	2.0	ND	1	2/11/2011	2/11/2011	
Bromoform	EPA 8260B	11B1409	5.0	ND	1	2/11/2011	2/11/2011	
Bromomethane	EPA 8260B	11B1409	5.0	ND	1	2/11/2011	2/11/2011	
n-Butylbenzene	EPA 8260B	11B1409	5.0	ND	1	2/11/2011	2/11/2011	
sec-Butylbenzene	EPA 8260B	11B1409	5.0	ND	1	2/11/2011	2/11/2011	
tert-Butylbenzene	EPA 8260B	11B1409	5.0	ND	1	2/11/2011	2/11/2011	
Carbon tetrachloride	EPA 8260B	11B1409	5.0	ND	1	2/11/2011	2/11/2011	
Chlorobenzene	EPA 8260B	11B1409	2.0	ND	1	2/11/2011	2/11/2011	
Chloroethane	EPA 8260B	11B1409	5.0	ND	1	2/11/2011	2/11/2011	
Chloroform	EPA 8260B	11B1409	2.0	ND	1	2/11/2011	2/11/2011	
Chloromethane	EPA 8260B	11B1409	5.0	ND	1	2/11/2011	2/11/2011	
2-Chlorotoluene	EPA 8260B	11B1409	5.0	ND	1	2/11/2011	2/11/2011	
4-Chlorotoluene	EPA 8260B	11B1409	5.0	ND	1	2/11/2011	2/11/2011	
1,2-Dibromo-3-chloropropane	EPA 8260B	11B1409	5.0	ND	1	2/11/2011	2/11/2011	
Dibromochloromethane	EPA 8260B	11B1409	2.0	ND	1	2/11/2011	2/11/2011	
1,2-Dibromoethane (EDB)	EPA 8260B	11B1409	2.0	ND	1	2/11/2011	2/11/2011	
Dibromomethane	EPA 8260B	11B1409	2.0	ND	1	2/11/2011	2/11/2011	
1,2-Dichlorobenzene	EPA 8260B	11B1409	2.0	ND	1	2/11/2011	2/11/2011	
1,3-Dichlorobenzene	EPA 8260B	11B1409	2.0	ND	1	2/11/2011	2/11/2011	
1,4-Dichlorobenzene	EPA 8260B	11B1409	2.0	ND	1	2/11/2011	2/11/2011	
Dichlorodifluoromethane	EPA 8260B	11B1409	5.0	ND	1	2/11/2011	2/11/2011	
1,1-Dichloroethane	EPA 8260B	11B1409	2.0	ND	1	2/11/2011	2/11/2011	
1,2-Dichloroethane	EPA 8260B	11B1409	2.0	ND	1	2/11/2011	2/11/2011	
1,1-Dichloroethene	EPA 8260B	11B1409	5.0	ND	1	2/11/2011	2/11/2011	
cis-1,2-Dichloroethene	EPA 8260B	11B1409	2.0	ND	1	2/11/2011	2/11/2011	
trans-1,2-Dichloroethene	EPA 8260B	11B1409	2.0	ND	1	2/11/2011	2/11/2011	
1,2-Dichloropropane	EPA 8260B	11B1409	2.0	ND	1	2/11/2011	2/11/2011	
1,3-Dichloropropane	EPA 8260B	11B1409	2.0	ND	1	2/11/2011	2/11/2011	
2,2-Dichloropropane	EPA 8260B	11B1409	2.0	ND	1	2/11/2011	2/11/2011	
cis-1,3-Dichloropropene	EPA 8260B	11B1409	2.0	ND	1	2/11/2011	2/11/2011	
trans-1,3-Dichloropropene	EPA 8260B	11B1409	2.0	ND	1	2/11/2011	2/11/2011	
1,1-Dichloropropene	EPA 8260B	11B1409	2.0	ND	1	2/11/2011	2/11/2011	
Ethylbenzene	EPA 8260B	11B1409	2.0	ND	1	2/11/2011	2/11/2011	
Hexachlorobutadiene	EPA 8260B	11B1409	5.0	ND	1	2/11/2011	2/11/2011	
Isopropylbenzene	EPA 8260B	11B1409	2.0	ND	1	2/11/2011	2/11/2011	
p-Isopropyltoluene	EPA 8260B	11B1409	2.0	ND	1	2/11/2011	2/11/2011	
Methylene chloride	EPA 8260B	11B1409	20	ND	1	2/11/2011	2/11/2011	
Naphthalene	EPA 8260B	11B1409	5.0	ND	1	2/11/2011	2/11/2011	

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093-91993
Report Number: IUB1090

Sampled: 02/09/11
Received: 02/09/11

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IUB1090-03 (SP-3 - Soil) - cont.				**Sampled: 02/09/11**				
Reporting Units: ug/kg								
n-Propylbenzene	EPA 8260B	11B1409	2.0	ND	1	2/11/2011	2/11/2011	
Styrene	EPA 8260B	11B1409	2.0	ND	1	2/11/2011	2/11/2011	
1,1,1,2-Tetrachloroethane	EPA 8260B	11B1409	5.0	ND	1	2/11/2011	2/11/2011	
1,1,2,2-Tetrachloroethane	EPA 8260B	11B1409	2.0	ND	1	2/11/2011	2/11/2011	
Tetrachloroethene	EPA 8260B	11B1409	2.0	ND	1	2/11/2011	2/11/2011	
Toluene	EPA 8260B	11B1409	2.0	ND	1	2/11/2011	2/11/2011	
1,2,3-Trichlorobenzene	EPA 8260B	11B1409	5.0	ND	1	2/11/2011	2/11/2011	
1,2,4-Trichlorobenzene	EPA 8260B	11B1409	5.0	ND	1	2/11/2011	2/11/2011	
1,1,1-Trichloroethane	EPA 8260B	11B1409	2.0	ND	1	2/11/2011	2/11/2011	
1,1,2-Trichloroethane	EPA 8260B	11B1409	2.0	ND	1	2/11/2011	2/11/2011	
Trichloroethene	EPA 8260B	11B1409	2.0	ND	1	2/11/2011	2/11/2011	
Trichlorofluoromethane	EPA 8260B	11B1409	5.0	ND	1	2/11/2011	2/11/2011	
1,2,3-Trichloropropane	EPA 8260B	11B1409	10	ND	1	2/11/2011	2/11/2011	
1,2,4-Trimethylbenzene	EPA 8260B	11B1409	2.0	ND	1	2/11/2011	2/11/2011	
1,3,5-Trimethylbenzene	EPA 8260B	11B1409	2.0	ND	1	2/11/2011	2/11/2011	
Vinyl chloride	EPA 8260B	11B1409	5.0	ND	1	2/11/2011	2/11/2011	
m,p-Xylenes	EPA 8260B	11B1409	2.0	ND	1	2/11/2011	2/11/2011	
o-Xylene	EPA 8260B	11B1409	2.0	ND	1	2/11/2011	2/11/2011	
Surrogate: 4-Bromofluorobenzene (80-120%)				*93 %*				
Surrogate: Dibromofluoromethane (80-125%)				*112 %*				
Surrogate: Toluene-d8 (80-120%)				*92 %*				

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Project ID: Ford Glendale (Star Lm)
093-91993
Report Number: IUB1090

Sampled: 02/09/11
Received: 02/09/11

METALS

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IUB1090-01 (SP-1 - Soil)				Sampled: 02/09/11				
Reporting Units: mg/kg								
Mercury	EPA 7471A	11B1333	0.020	**0.10**	1	2/10/2011	2/10/2011	
Antimony	EPA 6010B	11B1312	10	ND	1	2/10/2011	2/11/2011	
Arsenic	EPA 6010B	11B1312	2.0	**2.8**	1	2/10/2011	2/11/2011	
Barium	EPA 6010B	11B1312	1.0	**86**	1	2/10/2011	2/11/2011	
Beryllium	EPA 6010B	11B1312	0.50	ND	1	2/10/2011	2/11/2011	
Cadmium	EPA 6010B	11B1312	0.50	**0.53**	1	2/10/2011	2/11/2011	
Chromium	EPA 6010B	11B1312	1.0	**15**	1	2/10/2011	2/11/2011	
Cobalt	EPA 6010B	11B1312	1.0	**6.1**	1	2/10/2011	2/11/2011	
Copper	EPA 6010B	11B1312	2.0	**11**	1	2/10/2011	2/11/2011	
Lead	EPA 6010B	11B1312	2.0	**3.7**	1	2/10/2011	2/11/2011	
Molybdenum	EPA 6010B	11B1312	2.0	ND	1	2/10/2011	2/11/2011	
Nickel	EPA 6010B	11B1312	2.0	**8.0**	1	2/10/2011	2/11/2011	
Selenium	EPA 6010B	11B1312	2.0	**2.6**	1	2/10/2011	2/11/2011	
Silver	EPA 6010B	11B1312	1.0	ND	1	2/10/2011	2/11/2011	
Thallium	EPA 6010B	11B1312	10	ND	1	2/10/2011	2/11/2011	
Vanadium	EPA 6010B	11B1312	1.0	**60**	1	2/10/2011	2/11/2011	
Zinc	EPA 6010B	11B1312	5.0	**43**	1	2/10/2011	2/11/2011	
Sample ID: IUB1090-02 (SP-2 - Soil)				Sampled: 02/09/11				
Reporting Units: mg/kg								
Mercury	EPA 7471A	11B1333	0.020	**0.070**	1	2/10/2011	2/10/2011	
Antimony	EPA 6010B	11B1312	9.9	ND	0.99	2/10/2011	2/11/2011	
Arsenic	EPA 6010B	11B1312	2.0	**2.7**	0.99	2/10/2011	2/11/2011	
Barium	EPA 6010B	11B1312	0.99	**100**	0.99	2/10/2011	2/11/2011	
Beryllium	EPA 6010B	11B1312	0.50	ND	0.99	2/10/2011	2/11/2011	
Cadmium	EPA 6010B	11B1312	0.50	**0.60**	0.99	2/10/2011	2/11/2011	
Chromium	EPA 6010B	11B1312	0.99	**14**	0.99	2/10/2011	2/11/2011	
Cobalt	EPA 6010B	11B1312	0.99	**6.3**	0.99	2/10/2011	2/11/2011	
Copper	EPA 6010B	11B1312	2.0	**14**	0.99	2/10/2011	2/11/2011	
Lead	EPA 6010B	11B1312	2.0	**330**	0.99	2/10/2011	2/11/2011	
Molybdenum	EPA 6010B	11B1312	2.0	ND	0.99	2/10/2011	2/11/2011	
Nickel	EPA 6010B	11B1312	2.0	**8.5**	0.99	2/10/2011	2/11/2011	
Selenium	EPA 6010B	11B1312	2.0	**2.5**	0.99	2/10/2011	2/11/2011	
Silver	EPA 6010B	11B1312	0.99	ND	0.99	2/10/2011	2/11/2011	
Thallium	EPA 6010B	11B1312	9.9	ND	0.99	2/10/2011	2/11/2011	
Vanadium	EPA 6010B	11B1312	0.99	**50**	0.99	2/10/2011	2/11/2011	
Zinc	EPA 6010B	11B1312	5.0	**110**	0.99	2/10/2011	2/11/2011	

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Attention: Misty Vazquez

Project ID: Ford Glendale (Star Lm)
093-91993
Report Number: IUB1090

Sampled: 02/09/11
Received: 02/09/11

METALS

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IUB1090-03 (SP-3 - Soil)				**Sampled: 02/09/11**				
Reporting Units: mg/kg								
Mercury	EPA 7471A	11B1333	0.020	**0.059**	1	2/10/2011	2/10/2011	
Antimony	EPA 6010B	11B1312	10	ND	1	2/10/2011	2/11/2011	
Arsenic	EPA 6010B	11B1312	2.0	**3.3**	1	2/10/2011	2/11/2011	
Barium	EPA 6010B	11B1312	1.0	**130**	1	2/10/2011	2/11/2011	
Beryllium	EPA 6010B	11B1312	0.50	ND	1	2/10/2011	2/11/2011	
Cadmium	EPA 6010B	11B1312	0.50	**0.72**	1	2/10/2011	2/11/2011	
Chromium	EPA 6010B	11B1312	1.0	**17**	1	2/10/2011	2/11/2011	
Cobalt	EPA 6010B	11B1312	1.0	**7.5**	1	2/10/2011	2/11/2011	
Copper	EPA 6010B	11B1312	2.0	**18**	1	2/10/2011	2/11/2011	
Lead	EPA 6010B	11B1312	2.0	**380**	1	2/10/2011	2/11/2011	
Molybdenum	EPA 6010B	11B1312	2.0	ND	1	2/10/2011	2/11/2011	
Nickel	EPA 6010B	11B1312	2.0	**10**	1	2/10/2011	2/11/2011	
Selenium	EPA 6010B	11B1312	2.0	**3.0**	1	2/10/2011	2/11/2011	
Silver	EPA 6010B	11B1312	1.0	ND	1	2/10/2011	2/11/2011	
Thallium	EPA 6010B	11B1312	10	ND	1	2/10/2011	2/11/2011	
Vanadium	EPA 6010B	11B1312	1.0	**55**	1	2/10/2011	2/11/2011	
Zinc	EPA 6010B	11B1312	5.0	**100**	1	2/10/2011	2/11/2011	

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TCLP METALS

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	TCLP Limit	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IUB1090-02 (SP-2 - Soil)					**Sampled: 02/09/11**				
Reporting Units: mg/l									
Lead	EPA 6010B	11B2894	0.10	0.21	1	5.0	2/23/2011	2/24/2011	
Sample ID: IUB1090-03 (SP-3 - Soil)					**Sampled: 02/09/11**				
Reporting Units: mg/l									
Lead	EPA 6010B	11B2894	0.10	1.6	1	5.0	2/23/2011	2/24/2011	

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STLC METALS

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	STLC Limit	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IUB1090-02 (SP-2 - Soil)					**Sampled: 02/09/11**				
Reporting Units: mg/l									
Lead	EPA 6010B	11B2533	0.10	6.7	1	5.0	2/19/2011	2/21/2011	
Sample ID: IUB1090-03 (SP-3 - Soil)					**Sampled: 02/09/11**				
Reporting Units: mg/l									
Lead	EPA 6010B	11B2533	0.10	8.7	1	5.0	2/19/2011	2/21/2011	

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Report Number: IUB1090

Sampled: 02/09/11
Received: 02/09/11

WASTE EXTRACTION TEST (STLC) - Metals

Analyte	Method	Batch	Extraction Start Date	Extraction End Date	Data Qualifiers
Sample ID: IUB1090-02 (SP-2 - Soil)			**Sampled: 02/09/11**		
Extraction	STLC-Met	11B2122	2/16/2011	2/18/2011	
Sample ID: IUB1090-03 (SP-3 - Soil)			**Sampled: 02/09/11**		
Extraction	STLC-Met	11B2122	2/16/2011	2/18/2011	

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Sampled: 02/09/11
Received: 02/09/11

TCLP EXTRACTION - Metals

Analyte	Method	Batch	Extraction Start Date	Extraction End Date	Data Qualifiers
Sample ID: IUB1090-02 (SP-2 - Soil)			**Sampled: 02/09/11**		
Extraction	EPA 1311-Met	11B2777	2/22/2011	2/23/2011	
Sample ID: IUB1090-03 (SP-3 - Soil)			**Sampled: 02/09/11**		
Extraction	EPA 1311-Met	11B2777	2/22/2011	2/23/2011	

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Sampled: 02/09/11
Received: 02/09/11

METHOD BLANK/QC DATA

EXTRACTABLE FUEL HYDROCARBONS (CADHS/8015B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 11B1298 Extracted: 02/11/11										
Blank Analyzed: 02/11/2011 (11B1298-BLK1)										
EFH (C13 - C40)	ND	5.0	mg/kg							
EFH (C13 - C14)	ND	3.5	mg/kg							
EFH (C15 - C16)	ND	3.5	mg/kg							
EFH (C17 - C18)	ND	3.5	mg/kg							
EFH (C19 - C20)	ND	3.5	mg/kg							
EFH (C21 - C22)	ND	3.5	mg/kg							
EFH (C23 - C24)	ND	3.5	mg/kg							
EFH (C25 - C26)	ND	3.5	mg/kg							
EFH (C27 - C28)	ND	3.5	mg/kg							
EFH (C29 - C30)	ND	3.5	mg/kg							
EFH (C31 - C32)	ND	3.5	mg/kg							
EFH (C33 - C34)	ND	3.5	mg/kg							
EFH (C35 - C36)	ND	3.5	mg/kg							
EFH (C37 - C38)	ND	3.5	mg/kg							
EFH (C39 - C40)	ND	3.5	mg/kg							
EFH (C10 - C28)	ND	5.0	mg/kg							
Surrogate: n-Octacosane	*6.26*		*mg/kg*	*6.67*		*94*	*40-140*			
LCS Analyzed: 02/11/2011 (11B1298-BS1)										
EFH (C10 - C28)	28.2	5.0	mg/kg	33.3		85	45-115			
Surrogate: n-Octacosane	*6.77*		*mg/kg*	*6.67*		*102*	*40-140*			
Matrix Spike Analyzed: 02/11/2011 (11B1298-MS1)					**Source: IUB0906-01**					
EFH (C10 - C28)	54.1	5.0	mg/kg	33.3	65.4	-34	40-120			*M2*
Surrogate: n-Octacosane	*9.66*		*mg/kg*	*6.67*		*145*	*40-140*			*ZX*
Matrix Spike Dup Analyzed: 02/11/2011 (11B1298-MSD1)					**Source: IUB0906-01**					
EFH (C10 - C28)	45.9	5.0	mg/kg	33.3	65.4	-59	40-120	16	30	*M2*
Surrogate: n-Octacosane	*9.25*		*mg/kg*	*6.67*		*139*	*40-140*			

TestAmerica Irvine

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Irvine, CA 92602
Attention: Misty Vazquez

Project ID: Ford Glendale (Star Lm)
093-91993
Report Number: IUB1090

Sampled: 02/09/11
Received: 02/09/11

METHOD BLANK/QC DATA

VOLATILE HYDROCARBON DISTRIBUTION (EPA 8015 Mod.)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 11B1508 Extracted: 02/11/11										
Blank Analyzed: 02/11/2011 (11B1508-BLK1)										
GRO (C4 - C12)	ND	0.40	mg/kg							
C4-C5	ND	0.060	mg/kg							
C6	ND	0.060	mg/kg							
C7	ND	0.060	mg/kg							
C8	ND	0.060	mg/kg							
C9	ND	0.060	mg/kg							
C10	ND	0.060	mg/kg							
C11	ND	0.060	mg/kg							
C12	ND	0.060	mg/kg							
Surrogate: 4-BFB (FID)	*0.0184*		*mg/kg*	*0.0200*		*92*	*65-140*			
LCS Analyzed: 02/11/2011 (11B1508-BS1)										
GRO (C4 - C12)	1.35	0.40	mg/kg	1.60		84	70-135			
Surrogate: 4-BFB (FID)	*0.0347*		*mg/kg*	*0.0200*		*173*	*65-140*			*Z2*
Matrix Spike Analyzed: 02/12/2011 (11B1508-MS1)					**Source: IUB1290-01**					
GRO (C4 - C12)	0.453	0.37	mg/kg	0.410	ND	111	60-140			
Surrogate: 4-BFB (FID)	*0.0186*		*mg/kg*	*0.0186*		*100*	*65-140*			
Matrix Spike Dup Analyzed: 02/12/2011 (11B1508-MSD1)					**Source: IUB1290-01**					
GRO (C4 - C12)	0.422	0.38	mg/kg	0.420	ND	100	60-140	7	30	
Surrogate: 4-BFB (FID)	*0.0180*		*mg/kg*	*0.0191*		*94*	*65-140*			

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METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 11B1409 Extracted: 02/11/11										
Blank Analyzed: 02/11/2011 (11B1409-BLK1)										
Benzene	ND	2.0	ug/kg							
Bromobenzene	ND	5.0	ug/kg							
Bromochloromethane	ND	5.0	ug/kg							
Bromodichloromethane	ND	2.0	ug/kg							
Bromoform	ND	5.0	ug/kg							
Bromomethane	ND	5.0	ug/kg							
n-Butylbenzene	ND	5.0	ug/kg							
sec-Butylbenzene	ND	5.0	ug/kg							
tert-Butylbenzene	ND	5.0	ug/kg							
Carbon tetrachloride	ND	5.0	ug/kg							
Chlorobenzene	ND	2.0	ug/kg							
Chloroethane	ND	5.0	ug/kg							
Chloroform	ND	2.0	ug/kg							
Chloromethane	ND	5.0	ug/kg							
2-Chlorotoluene	ND	5.0	ug/kg							
4-Chlorotoluene	ND	5.0	ug/kg							
1,2-Dibromo-3-chloropropane	ND	5.0	ug/kg							
Dibromochloromethane	ND	2.0	ug/kg							
1,2-Dibromoethane (EDB)	ND	2.0	ug/kg							
Dibromomethane	ND	2.0	ug/kg							
1,2-Dichlorobenzene	ND	2.0	ug/kg							
1,3-Dichlorobenzene	ND	2.0	ug/kg							
1,4-Dichlorobenzene	ND	2.0	ug/kg							
Dichlorodifluoromethane	ND	5.0	ug/kg							
1,1-Dichloroethane	ND	2.0	ug/kg							
1,2-Dichloroethane	ND	2.0	ug/kg							
1,1-Dichloroethene	ND	5.0	ug/kg							
cis-1,2-Dichloroethene	ND	2.0	ug/kg							
trans-1,2-Dichloroethene	ND	2.0	ug/kg							
1,2-Dichloropropane	ND	2.0	ug/kg							
1,3-Dichloropropane	ND	2.0	ug/kg							
2,2-Dichloropropane	ND	2.0	ug/kg							
cis-1,3-Dichloropropene	ND	2.0	ug/kg							
trans-1,3-Dichloropropene	ND	2.0	ug/kg							
1,1-Dichloropropene	ND	2.0	ug/kg							
Ethylbenzene	ND	2.0	ug/kg							

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093-91993
Report Number: IUB1090

Sampled: 02/09/11
Received: 02/09/11

METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 11B1409 Extracted: 02/11/11										
Blank Analyzed: 02/11/2011 (11B1409-BLK1)										
Hexachlorobutadiene	ND	5.0	ug/kg							
Isopropylbenzene	ND	2.0	ug/kg							
p-Isopropyltoluene	ND	2.0	ug/kg							
Methylene chloride	ND	20	ug/kg							
Naphthalene	ND	5.0	ug/kg							
n-Propylbenzene	ND	2.0	ug/kg							
Styrene	ND	2.0	ug/kg							
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg							
1,1,2,2-Tetrachloroethane	ND	2.0	ug/kg							
Tetrachloroethene	ND	2.0	ug/kg							
Toluene	ND	2.0	ug/kg							
1,2,3-Trichlorobenzene	ND	5.0	ug/kg							
1,2,4-Trichlorobenzene	ND	5.0	ug/kg							
1,1,1-Trichloroethane	ND	2.0	ug/kg							
1,1,2-Trichloroethane	ND	2.0	ug/kg							
Trichloroethene	ND	2.0	ug/kg							
Trichlorofluoromethane	ND	5.0	ug/kg							
1,2,3-Trichloropropane	ND	10	ug/kg							
1,2,4-Trimethylbenzene	ND	2.0	ug/kg							
1,3,5-Trimethylbenzene	ND	2.0	ug/kg							
Vinyl chloride	ND	5.0	ug/kg							
m,p-Xylenes	ND	2.0	ug/kg							
o-Xylene	ND	2.0	ug/kg							
Surrogate: 4-Bromofluorobenzene	*47.9*		*ug/kg*	*50.0*		*96*	*80-120*			
Surrogate: Dibromofluoromethane	*54.1*		*ug/kg*	*50.0*		*108*	*80-125*			
Surrogate: Toluene-d8	*51.7*		*ug/kg*	*50.0*		*103*	*80-120*			
LCS Analyzed: 02/11/2011 (11B1409-BS1)										
Benzene	47.6	2.0	ug/kg	50.0		95	65-120			
Bromobenzene	51.0	5.0	ug/kg	50.0		102	75-120			
Bromochloromethane	50.8	5.0	ug/kg	50.0		102	70-135			
Bromodichloromethane	59.4	2.0	ug/kg	50.0		119	70-135			
Bromoform	50.1	5.0	ug/kg	50.0		100	55-135			
Bromomethane	59.9	5.0	ug/kg	50.0		120	60-145			
n-Butylbenzene	46.2	5.0	ug/kg	50.0		92	70-130			
sec-Butylbenzene	48.0	5.0	ug/kg	50.0		96	70-125			

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METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 11B1409 Extracted: 02/11/11										
LCS Analyzed: 02/11/2011 (11B1409-BS1)										
tert-Butylbenzene	48.6	5.0	ug/kg	50.0		97	70-125			
Carbon tetrachloride	61.3	5.0	ug/kg	50.0		123	65-140			
Chlorobenzene	51.6	2.0	ug/kg	50.0		103	75-120			
Chloroethane	51.5	5.0	ug/kg	50.0		103	60-140			
Chloroform	52.5	2.0	ug/kg	50.0		105	70-130			
Chloromethane	49.8	5.0	ug/kg	50.0		100	45-145			
2-Chlorotoluene	47.4	5.0	ug/kg	50.0		95	70-125			
4-Chlorotoluene	48.1	5.0	ug/kg	50.0		96	75-125			
1,2-Dibromo-3-chloropropane	54.8	5.0	ug/kg	50.0		110	50-135			
Dibromochloromethane	60.9	2.0	ug/kg	50.0		122	65-140			
1,2-Dibromoethane (EDB)	54.2	2.0	ug/kg	50.0		108	70-130			
Dibromomethane	55.0	2.0	ug/kg	50.0		110	70-130			
1,2-Dichlorobenzene	51.1	2.0	ug/kg	50.0		102	75-120			
1,3-Dichlorobenzene	49.1	2.0	ug/kg	50.0		98	75-125			
1,4-Dichlorobenzene	50.4	2.0	ug/kg	50.0		101	75-120			
Dichlorodifluoromethane	50.7	5.0	ug/kg	50.0		101	35-160			
1,1-Dichloroethane	49.9	2.0	ug/kg	50.0		100	70-130			
1,2-Dichloroethane	56.3	2.0	ug/kg	50.0		113	60-140			
1,1-Dichloroethene	49.4	5.0	ug/kg	50.0		99	70-125			
cis-1,2-Dichloroethene	48.2	2.0	ug/kg	50.0		96	70-125			
trans-1,2-Dichloroethene	48.6	2.0	ug/kg	50.0		97	70-125			
1,2-Dichloropropane	49.4	2.0	ug/kg	50.0		99	70-130			
1,3-Dichloropropane	52.0	2.0	ug/kg	50.0		104	70-125			
2,2-Dichloropropane	56.1	2.0	ug/kg	50.0		112	60-145			
cis-1,3-Dichloropropene	54.7	2.0	ug/kg	50.0		109	75-125			
trans-1,3-Dichloropropene	60.0	2.0	ug/kg	50.0		120	70-135			
1,1-Dichloropropene	51.0	2.0	ug/kg	50.0		102	70-130			
Ethylbenzene	50.0	2.0	ug/kg	50.0		100	70-125			
Hexachlorobutadiene	45.3	5.0	ug/kg	50.0		91	60-135			
Isopropylbenzene	46.5	2.0	ug/kg	50.0		93	75-130			
p-Isopropyltoluene	48.6	2.0	ug/kg	50.0		97	75-125			
Methylene chloride	46.4	20	ug/kg	50.0		93	55-135			
Naphthalene	50.6	5.0	ug/kg	50.0		101	55-135			
n-Propylbenzene	48.4	2.0	ug/kg	50.0		97	70-130			
Styrene	50.5	2.0	ug/kg	50.0		101	75-130			
1,1,1,2-Tetrachloroethane	57.0	5.0	ug/kg	50.0		114	70-130			

TestAmerica Irvine

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Project ID: Ford Glendale (Star Lm)
093-91993
Report Number: IUB1090

Sampled: 02/09/11
Received: 02/09/11

METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 11B1409 Extracted: 02/11/11										
LCS Analyzed: 02/11/2011 (11B1409-BS1)										
1,1,2,2-Tetrachloroethane	47.8	2.0	ug/kg	50.0		96	55-140			
Tetrachloroethene	53.2	2.0	ug/kg	50.0		106	70-125			
Toluene	48.8	2.0	ug/kg	50.0		98	70-125			
1,2,3-Trichlorobenzene	50.1	5.0	ug/kg	50.0		100	60-130			
1,2,4-Trichlorobenzene	50.9	5.0	ug/kg	50.0		102	70-135			
1,1,1-Trichloroethane	57.4	2.0	ug/kg	50.0		115	65-135			
1,1,2-Trichloroethane	53.9	2.0	ug/kg	50.0		108	65-135			
Trichloroethene	51.6	2.0	ug/kg	50.0		103	70-125			
Trichlorofluoromethane	60.9	5.0	ug/kg	50.0		122	60-145			
1,2,3-Trichloropropane	50.9	10	ug/kg	50.0		102	60-135			
1,2,4-Trimethylbenzene	49.4	2.0	ug/kg	50.0		99	70-125			
1,3,5-Trimethylbenzene	48.6	2.0	ug/kg	50.0		97	70-125			
Vinyl chloride	59.6	5.0	ug/kg	50.0		119	55-135			
m,p-Xylenes	95.1	2.0	ug/kg	100		95	70-125			
o-Xylene	49.4	2.0	ug/kg	50.0		99	70-125			
Surrogate: 4-Bromofluorobenzene	*49.2*		*ug/kg*	*50.0*		*98*	*80-120*			
Surrogate: Dibromofluoromethane	*51.3*		*ug/kg*	*50.0*		*103*	*80-125*			
Surrogate: Toluene-d8	*51.6*		*ug/kg*	*50.0*		*103*	*80-120*			
Matrix Spike Analyzed: 02/11/2011 (11B1409-MS1)					**Source: IUB0591-02**					
Benzene	47.0	2.0	ug/kg	50.0	ND	94	65-130			
Bromobenzene	63.7	5.0	ug/kg	50.0	ND	127	65-140			
Bromochloromethane	50.5	5.0	ug/kg	50.0	ND	101	65-145			
Bromodichloromethane	57.0	2.0	ug/kg	50.0	ND	114	65-145			
Bromoform	47.0	5.0	ug/kg	50.0	ND	94	50-145			
Bromomethane	58.9	5.0	ug/kg	50.0	ND	118	60-155			
n-Butylbenzene	35.5	5.0	ug/kg	50.0	ND	71	55-145			
sec-Butylbenzene	47.7	5.0	ug/kg	50.0	ND	95	60-135			
tert-Butylbenzene	57.8	5.0	ug/kg	50.0	ND	116	60-140			
Carbon tetrachloride	58.3	5.0	ug/kg	50.0	ND	117	60-145			
Chlorobenzene	50.8	2.0	ug/kg	50.0	ND	102	70-130			
Chloroethane	51.5	5.0	ug/kg	50.0	ND	103	60-150			
Chloroform	51.7	2.0	ug/kg	50.0	ND	103	65-135			
Chloromethane	49.5	5.0	ug/kg	50.0	ND	99	40-145			
2-Chlorotoluene	56.2	5.0	ug/kg	50.0	ND	112	60-135			
4-Chlorotoluene	55.0	5.0	ug/kg	50.0	ND	110	65-135			

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093-91993
Report Number: IUB1090

Sampled: 02/09/11
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METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 11B1409 Extracted: 02/11/11										
Matrix Spike Analyzed: 02/11/2011 (11B1409-MS1)					**Source: IUB0591-02**					
1,2-Dibromo-3-chloropropane	68.2	5.0	ug/kg	50.0	ND	136	40-150			
Dibromochloromethane	62.9	2.0	ug/kg	50.0	ND	126	60-145			
1,2-Dibromoethane (EDB)	56.6	2.0	ug/kg	50.0	ND	113	65-140			
Dibromomethane	54.6	2.0	ug/kg	50.0	ND	109	65-140			
1,2-Dichlorobenzene	48.5	2.0	ug/kg	50.0	ND	97	70-130			
1,3-Dichlorobenzene	48.4	2.0	ug/kg	50.0	ND	97	70-130			
1,4-Dichlorobenzene	49.8	2.0	ug/kg	50.0	ND	100	70-130			
Dichlorodifluoromethane	53.4	5.0	ug/kg	50.0	ND	107	30-160			
1,1-Dichloroethane	50.2	2.0	ug/kg	50.0	ND	100	65-135			
1,2-Dichloroethane	56.4	2.0	ug/kg	50.0	ND	113	60-150			
1,1-Dichloroethene	48.8	5.0	ug/kg	50.0	ND	98	65-135			
cis-1,2-Dichloroethene	48.6	2.0	ug/kg	50.0	ND	97	65-135			
trans-1,2-Dichloroethene	48.4	2.0	ug/kg	50.0	ND	97	70-135			
1,2-Dichloropropane	49.0	2.0	ug/kg	50.0	ND	98	65-130			
1,3-Dichloropropane	55.5	2.0	ug/kg	50.0	ND	111	65-140			
2,2-Dichloropropane	58.0	2.0	ug/kg	50.0	ND	116	65-150			
cis-1,3-Dichloropropene	52.6	2.0	ug/kg	50.0	ND	105	70-135			
trans-1,3-Dichloropropene	56.0	2.0	ug/kg	50.0	ND	112	60-145			
1,1-Dichloropropene	48.9	2.0	ug/kg	50.0	ND	98	65-135			
Ethylbenzene	48.9	2.0	ug/kg	50.0	ND	98	70-135			
Hexachlorobutadiene	23.7	5.0	ug/kg	50.0	ND	47	50-145			*M2*
Isopropylbenzene	59.2	2.0	ug/kg	50.0	ND	118	70-145			
p-Isopropyltoluene	46.3	2.0	ug/kg	50.0	ND	93	60-140			
Methylene chloride	46.9	20	ug/kg	50.0	ND	94	55-145			
Naphthalene	35.6	5.0	ug/kg	50.0	ND	71	40-150			
n-Propylbenzene	54.6	2.0	ug/kg	50.0	ND	109	65-140			
Styrene	46.5	2.0	ug/kg	50.0	ND	93	70-140			
1,1,1,2-Tetrachloroethane	58.0	5.0	ug/kg	50.0	ND	116	65-145			
1,1,2,2-Tetrachloroethane	68.6	2.0	ug/kg	50.0	ND	137	40-160			
Tetrachloroethene	50.6	2.0	ug/kg	50.0	ND	101	65-135			
Toluene	50.3	2.0	ug/kg	50.0	2.55	96	70-130			
1,2,3-Trichlorobenzene	23.4	5.0	ug/kg	50.0	ND	47	45-145			
1,2,4-Trichlorobenzene	26.5	5.0	ug/kg	50.0	ND	53	50-140			
1,1,1-Trichloroethane	56.8	2.0	ug/kg	50.0	ND	114	65-145			
1,1,2-Trichloroethane	51.5	2.0	ug/kg	50.0	ND	103	65-140			
Trichloroethene	49.5	2.0	ug/kg	50.0	ND	99	65-140			

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093-91993
Report Number: IUB1090

Sampled: 02/09/11
Received: 02/09/11

METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 11B1409 Extracted: 02/11/11										
Matrix Spike Analyzed: 02/11/2011 (11B1409-MS1)					**Source: IUB0591-02**					
Trichlorofluoromethane	60.9	5.0	ug/kg	50.0	ND	122	55-155			
1,2,3-Trichloropropane	76.1	10	ug/kg	50.0	ND	152	50-150			*M1*
1,2,4-Trimethylbenzene	56.0	2.0	ug/kg	50.0	ND	112	65-140			
1,3,5-Trimethylbenzene	56.3	2.0	ug/kg	50.0	ND	113	65-135			
Vinyl chloride	59.9	5.0	ug/kg	50.0	ND	120	55-140			
m,p-Xylenes	91.0	2.0	ug/kg	100	ND	91	70-130			
o-Xylene	47.4	2.0	ug/kg	50.0	ND	95	65-130			
Surrogate: 4-Bromofluorobenzene	*42.3*		*ug/kg*	*50.0*		*85*	*80-120*			
Surrogate: Dibromofluoromethane	*52.2*		*ug/kg*	*50.0*		*104*	*80-125*			
Surrogate: Toluene-d8	*50.0*		*ug/kg*	*50.0*		*100*	*80-120*			
Matrix Spike Dup Analyzed: 02/11/2011 (11B1409-MSD1)					**Source: IUB0591-02**					
Benzene	47.8	2.0	ug/kg	49.6	ND	96	65-130	2	20	
Bromobenzene	61.7	5.0	ug/kg	49.6	ND	124	65-140	3	25	
Bromochloromethane	55.1	5.0	ug/kg	49.6	ND	111	65-145	9	25	
Bromodichloromethane	60.7	2.0	ug/kg	49.6	ND	122	65-145	6	20	
Bromoform	55.1	5.0	ug/kg	49.6	ND	111	50-145	16	30	
Bromomethane	59.7	5.0	ug/kg	49.6	ND	120	60-155	1	25	
n-Butylbenzene	38.4	5.0	ug/kg	49.6	ND	77	55-145	8	30	
sec-Butylbenzene	47.5	5.0	ug/kg	49.6	ND	96	60-135	0.5	25	
tert-Butylbenzene	54.3	5.0	ug/kg	49.6	ND	110	60-140	6	25	
Carbon tetrachloride	59.3	5.0	ug/kg	49.6	ND	120	60-145	2	25	
Chlorobenzene	52.3	2.0	ug/kg	49.6	ND	105	70-130	3	25	
Chloroethane	52.8	5.0	ug/kg	49.6	ND	107	60-150	3	25	
Chloroform	53.8	2.0	ug/kg	49.6	ND	108	65-135	4	20	
Chloromethane	51.1	5.0	ug/kg	49.6	ND	103	40-145	3	25	
2-Chlorotoluene	54.1	5.0	ug/kg	49.6	ND	109	60-135	4	25	
4-Chlorotoluene	54.6	5.0	ug/kg	49.6	ND	110	65-135	0.8	25	
1,2-Dibromo-3-chloropropane	76.2	5.0	ug/kg	49.6	ND	154	40-150	11	30	*M1*
Dibromochloromethane	67.2	2.0	ug/kg	49.6	ND	136	60-145	7	25	
1,2-Dibromoethane (EDB)	61.7	2.0	ug/kg	49.6	ND	124	65-140	9	25	
Dibromomethane	59.1	2.0	ug/kg	49.6	ND	119	65-140	8	25	
1,2-Dichlorobenzene	53.2	2.0	ug/kg	49.6	ND	107	70-130	9	25	
1,3-Dichlorobenzene	51.2	2.0	ug/kg	49.6	ND	103	70-130	6	25	
1,4-Dichlorobenzene	52.8	2.0	ug/kg	49.6	ND	107	70-130	6	25	
Dichlorodifluoromethane	53.2	5.0	ug/kg	49.6	ND	107	30-160	0.4	35	

TestAmerica Irvine

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Attention: Misty Vazquez

Project ID: Ford Glendale (Star Lm)
093-91993
Report Number: IUB1090

Sampled: 02/09/11
Received: 02/09/11

METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 11B1409 Extracted: 02/11/11										
Matrix Spike Dup Analyzed: 02/11/2011 (11B1409-MSD1)					Source: IUB0591-02					
1,1-Dichloroethane	51.5	2.0	ug/kg	49.6	ND	104	65-135	3	25	
1,2-Dichloroethane	60.2	2.0	ug/kg	49.6	ND	121	60-150	7	25	
1,1-Dichloroethene	49.2	5.0	ug/kg	49.6	ND	99	65-135	0.9	25	
cis-1,2-Dichloroethene	50.4	2.0	ug/kg	49.6	ND	102	65-135	4	25	
trans-1,2-Dichloroethene	49.1	2.0	ug/kg	49.6	ND	99	70-135	1	25	
1,2-Dichloropropane	51.6	2.0	ug/kg	49.6	ND	104	65-130	5	20	
1,3-Dichloropropane	58.3	2.0	ug/kg	49.6	ND	117	65-140	5	25	
2,2-Dichloropropane	59.4	2.0	ug/kg	49.6	ND	120	65-150	2	25	
cis-1,3-Dichloropropene	55.8	2.0	ug/kg	49.6	ND	112	70-135	6	25	
trans-1,3-Dichloropropene	61.7	2.0	ug/kg	49.6	ND	124	60-145	10	25	
1,1-Dichloropropene	48.4	2.0	ug/kg	49.6	ND	98	65-135	1	20	
Ethylbenzene	49.7	2.0	ug/kg	49.6	ND	100	70-135	2	25	
Hexachlorobutadiene	28.7	5.0	ug/kg	49.6	ND	58	50-145	19	35	
Isopropylbenzene	54.0	2.0	ug/kg	49.6	ND	109	70-145	9	25	
p-Isopropyltoluene	47.3	2.0	ug/kg	49.6	ND	95	60-140	2	25	
Methylene chloride	48.1	20	ug/kg	49.6	ND	97	55-145	2	25	
Naphthalene	47.3	5.0	ug/kg	49.6	ND	95	40-150	28	40	
n-Propylbenzene	52.4	2.0	ug/kg	49.6	ND	106	65-140	4	25	
Styrene	49.8	2.0	ug/kg	49.6	ND	100	70-140	7	25	
1,1,1,2-Tetrachloroethane	60.9	5.0	ug/kg	49.6	ND	123	65-145	5	20	
1,1,2,2-Tetrachloroethane	68.1	2.0	ug/kg	49.6	ND	137	40-160	0.7	30	
Tetrachloroethene	50.6	2.0	ug/kg	49.6	ND	102	65-135	0.009	25	
Toluene	49.7	2.0	ug/kg	49.6	2.55	95	70-130	1	20	
1,2,3-Trichlorobenzene	31.8	5.0	ug/kg	49.6	ND	64	45-145	31	30	*R*
1,2,4-Trichlorobenzene	34.9	5.0	ug/kg	49.6	ND	70	50-140	27	30	
1,1,1-Trichloroethane	59.2	2.0	ug/kg	49.6	ND	119	65-145	4	20	
1,1,2-Trichloroethane	56.1	2.0	ug/kg	49.6	ND	113	65-140	8	30	
Trichloroethene	50.5	2.0	ug/kg	49.6	ND	102	65-140	2	25	
Trichlorofluoromethane	60.7	5.0	ug/kg	49.6	ND	122	55-155	0.4	25	
1,2,3-Trichloropropane	76.1	9.9	ug/kg	49.6	ND	153	50-150	0.04	30	*M1*
1,2,4-Trimethylbenzene	54.4	2.0	ug/kg	49.6	ND	110	65-140	3	25	
1,3,5-Trimethylbenzene	53.6	2.0	ug/kg	49.6	ND	108	65-135	5	25	
Vinyl chloride	59.8	5.0	ug/kg	49.6	ND	121	55-140	0.2	30	
m,p-Xylenes	93.5	2.0	ug/kg	99.2	ND	94	70-130	3	25	
o-Xylene	49.5	2.0	ug/kg	49.6	ND	100	65-130	4	25	
Surrogate: 4-Bromofluorobenzene	*45.3*		*ug/kg*	*49.6*		*91*	*80-120*			

TestAmerica Irvine

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Attention: Misty Vazquez

Project ID: Ford Glendale (Star Lm)
093-91993
Report Number: IUB1090

Sampled: 02/09/11
Received: 02/09/11

METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 11B1409 Extracted: 02/11/11										
Matrix Spike Dup Analyzed: 02/11/2011 (11B1409-MSD1)					**Source: IUB0591-02**					
Surrogate: Dibromofluoromethane	*52.9*		*ug/kg*	*49.6*		*107*	*80-125*			
Surrogate: Toluene-d8	*49.9*		*ug/kg*	*49.6*		*101*	*80-120*			

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METHOD BLANK/QC DATA

METALS

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 11B1312 Extracted: 02/10/11										
Blank Analyzed: 02/11/2011 (11B1312-BLK1)										
Antimony	ND	10	mg/kg							
Arsenic	ND	2.0	mg/kg							
Barium	ND	1.0	mg/kg							
Beryllium	ND	0.50	mg/kg							
Cadmium	ND	0.50	mg/kg							
Chromium	ND	1.0	mg/kg							
Cobalt	ND	1.0	mg/kg							
Copper	ND	2.0	mg/kg							
Lead	ND	2.0	mg/kg							
Molybdenum	ND	2.0	mg/kg							
Nickel	ND	2.0	mg/kg							
Selenium	ND	2.0	mg/kg							
Silver	ND	1.0	mg/kg							
Thallium	ND	10	mg/kg							
Vanadium	ND	1.0	mg/kg							
Zinc	ND	5.0	mg/kg							
LCS Analyzed: 02/11/2011 (11B1312-BS1)										
Antimony	44.4	9.9	mg/kg	49.3		90	80-120			
Arsenic	43.6	2.0	mg/kg	49.3		88	80-120			
Barium	46.5	0.99	mg/kg	49.3		94	80-120			
Beryllium	44.1	0.49	mg/kg	49.3		89	80-120			
Cadmium	43.2	0.49	mg/kg	49.3		88	80-120			
Chromium	45.8	0.99	mg/kg	49.3		93	80-120			
Cobalt	43.2	0.99	mg/kg	49.3		88	80-120			
Copper	46.9	2.0	mg/kg	49.3		95	80-120			
Lead	44.8	2.0	mg/kg	49.3		91	80-120			
Molybdenum	43.7	2.0	mg/kg	49.3		89	80-120			
Nickel	45.2	2.0	mg/kg	49.3		92	80-120			
Selenium	41.1	2.0	mg/kg	49.3		83	80-120			
Silver	23.5	0.99	mg/kg	24.6		95	80-120			
Thallium	45.5	9.9	mg/kg	49.3		92	80-120			
Vanadium	46.6	0.99	mg/kg	49.3		95	80-120			
Zinc	42.6	4.9	mg/kg	49.3		87	80-120			

TestAmerica Irvine

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093-91993
Report Number: IUB1090

Sampled: 02/09/11
Received: 02/09/11

METHOD BLANK/QC DATA

METALS

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 11B1312 Extracted: 02/10/11										
Matrix Spike Analyzed: 02/11/2011 (11B1312-MS1)					Source: IUB0770-04					
Antimony	23.2	10	mg/kg	50.0	0.996	45	75-125			M2
Arsenic	49.0	2.0	mg/kg	50.0	1.02	96	75-125			
Barium	72.1	1.0	mg/kg	50.0	23.9	96	75-125			
Beryllium	50.8	0.50	mg/kg	50.0	0.358	101	75-125			
Cadmium	47.2	0.50	mg/kg	50.0	0.368	94	75-125			
Chromium	72.1	1.0	mg/kg	50.0	20.5	103	75-125			
Cobalt	49.8	1.0	mg/kg	50.0	3.30	93	75-125			
Copper	57.0	2.0	mg/kg	50.0	3.63	107	75-125			
Lead	52.4	2.0	mg/kg	50.0	2.96	99	75-125			
Molybdenum	47.4	2.0	mg/kg	50.0	ND	95	75-125			
Nickel	57.3	2.0	mg/kg	50.0	6.87	101	75-125			
Selenium	46.1	2.0	mg/kg	50.0	ND	92	75-125			
Silver	25.3	1.0	mg/kg	25.0	ND	101	75-125			
Thallium	48.8	10	mg/kg	50.0	ND	98	75-125			
Vanadium	117	1.0	mg/kg	50.0	55.2	123	75-125			
Zinc	57.4	5.0	mg/kg	50.0	10.4	94	75-125			
Matrix Spike Dup Analyzed: 02/11/2011 (11B1312-MSD1)					Source: IUB0770-04					
Antimony	24.7	10	mg/kg	50.0	0.996	47	75-125	6	20	M2
Arsenic	46.9	2.0	mg/kg	50.0	1.02	92	75-125	4	20	
Barium	70.3	1.0	mg/kg	50.0	23.9	93	75-125	2	20	
Beryllium	48.9	0.50	mg/kg	50.0	0.358	97	75-125	4	20	
Cadmium	45.7	0.50	mg/kg	50.0	0.368	91	75-125	3	20	
Chromium	68.8	1.0	mg/kg	50.0	20.5	97	75-125	5	20	
Cobalt	48.1	1.0	mg/kg	50.0	3.30	90	75-125	3	20	
Copper	55.6	2.0	mg/kg	50.0	3.63	104	75-125	2	20	
Lead	50.6	2.0	mg/kg	50.0	2.96	95	75-125	4	20	
Molybdenum	46.1	2.0	mg/kg	50.0	ND	92	75-125	3	20	
Nickel	55.1	2.0	mg/kg	50.0	6.87	96	75-125	4	20	
Selenium	44.3	2.0	mg/kg	50.0	ND	89	75-125	4	20	
Silver	24.3	1.0	mg/kg	25.0	ND	97	75-125	4	20	
Thallium	47.7	10	mg/kg	50.0	ND	95	75-125	2	20	
Vanadium	112	1.0	mg/kg	50.0	55.2	114	75-125	4	20	
Zinc	55.6	5.0	mg/kg	50.0	10.4	90	75-125	3	20	

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Attention: Misty Vazquez

Project ID: Ford Glendale (Star Lm)
093-91993
Report Number: IUB1090

Sampled: 02/09/11
Received: 02/09/11

METHOD BLANK/QC DATA

METALS

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 11B1333 Extracted: 02/10/11										
Blank Analyzed: 02/10/2011 (11B1333-BLK1)										
Mercury	ND	0.020	mg/kg							
LCS Analyzed: 02/10/2011 (11B1333-BS1)										
Mercury	0.812	0.020	mg/kg	0.800		101	80-120			
Matrix Spike Analyzed: 02/10/2011 (11B1333-MS1)					Source: IUB0770-03					
Mercury	0.758	0.020	mg/kg	0.800	0.0170	93	70-130			
Matrix Spike Dup Analyzed: 02/10/2011 (11B1333-MSD1)					Source: IUB0770-03					
Mercury	0.776	0.020	mg/kg	0.800	0.0170	95	70-130	2	20	

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093-91993
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Received: 02/09/11

METHOD BLANK/QC DATA

TCLP METALS

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 11B2894 Extracted: 02/23/11										
Blank Analyzed: 02/24/2011 (11B2894-BLK1)										
Lead	ND	0.10	mg/l							
LCS Analyzed: 02/24/2011 (11B2894-BS1)										
Lead	1.75	0.10	mg/l	2.00		88	80-120			
Matrix Spike Analyzed: 02/24/2011 (11B2894-MS1)					**Source: IUB2059-01**					
Lead	2.68	0.10	mg/l	2.00	0.743	97	75-125			

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093-91993
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Received: 02/09/11

METHOD BLANK/QC DATA

STLC METALS

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 11B2533 Extracted: 02/19/11										
Blank Analyzed: 02/21/2011 (11B2533-BLK1)										
Lead	ND	0.10	mg/l							
LCS Analyzed: 02/21/2011 (11B2533-BS1)										
Lead	21.2	0.10	mg/l	20.0		106	80-120			
Matrix Spike Analyzed: 02/21/2011 (11B2533-MS1)					**Source: IUB1479-01**					
Lead	23.5	0.10	mg/l	20.0	2.11	107	75-125			
Matrix Spike Dup Analyzed: 02/21/2011 (11B2533-MSD1)					**Source: IUB1479-01**					
Lead	23.7	0.10	mg/l	20.0	2.11	108	75-125	0.9	20	

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DATA QUALIFIERS AND DEFINITIONS

M1	The MS and/or MSD were above the acceptance limits due to sample matrix interference. See Blank Spike (LCS).
M2	The MS and/or MSD were below the acceptance limits due to sample matrix interference. See Blank Spike (LCS).
R	The RPD exceeded the method control limit due to sample matrix effects. The individual analyte QA/QC recoveries, however, were within acceptance limits.
Z2	Surrogate recovery was above the acceptance limits. Data not impacted.
ZX	Due to sample matrix effects, the surrogate recovery was outside the acceptance limits.
ND	Analyte NOT DETECTED at or above the reporting limit or MDL, if MDL is specified.
RPD	Relative Percent Difference

ADDITIONAL COMMENTS

For Hydrocarbon Distribution Analyses:

The reporting limits for the individual carbon distribution ranges are derived by proportioning the individual ranges relative to the total carbon range, not to fall below the method detection limit of the total range.

For GRO (C4-C12):

GRO (C4-C12) is quantitated against a gasoline standard. Quantitation begins immediately following the methanol peak.

For Extractable Fuel Hydrocarbons (EFH, DRO, ORO) :

Unless otherwise noted, Extractable Fuel Hydrocarbons (EFH, DRO, ORO) are quantitated against a Diesel Fuel Standard.

TestAmerica Irvine

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Certification Summary

TestAmerica Irvine

Method	Matrix	Nelac	California
EPA 1311-Met	Soil	X	X
EPA 6010B	Soil	X	X
EPA 7471A	Soil	X	X
EPA 8015B MOD	Soil	X	X
EPA 8015B	Soil	X	X
EPA 8260B	Soil	X	X
STLC-Met	Soil	X	X

Nevada and NELAP provide analyte specific accreditations. Analyte specific information for TestAmerica may be obtained by contacting the laboratory or visiting our website at www.testamericainc.com

TestAmerica Irvine

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TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

CHAIN OF CUSTODY FORM

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JUB1090

Page 1 of 1

TAL-0013(1007)

Client Name/Address:	Project/PO Number:
Golder Associates Inc 230 Commerce, suite 200, Irvine, CA 92612	093-91993-r Star Lincoln Mercury-Ford
Project Manager: Misty Vazquez	**Phone Number:** 714-508-4400
Sampler: Kristina Byrne	**Fax Number:** 714-508-4401

Sample Description	Sample Matrix	Container Type	# of Cont.	Sampling Date	Sampling Time	Preservatives	Analysis Required: TPH-CCID 8015	VOCs 8260	Title 22 CAM 17 metals 6010	Special Instructions
SP-1	Soil	glass jar	1	2/9/11	1545	NA	X	X	X	
SP-2	Soil	glass jar	1	2/9/11	1550	NA	X	X	X	
SP-3	Soil	glass jar	1	2/9/11	1555	NA	X	X	X	
PG-1	Soil	glass jar	1	2/9/11	1600	NA				HOLD
PG-2	Soil	glass jar	1	2/9/11	1605	NA				HOLD
										0.0 2/10/11 9:00

Relinquished By:	Date/Time:	Received By:	Date/Time:	Turnaround Time: (Check)	
Kristina Byrne Kristina Byrne	2/9/11 1845			same day ____	72 hours X
Relinquished By:	Date/Time:	Received By:	Date/Time:	24 hours ____	5 days ____
				48 hours ____	normal ____
Relinquished By:	Date/Time:	Received in Lab By:	Date/Time:	Sample Integrity: (Check)	
		[signature]	2/9/11 1845	intact X	on ice RT

Note: By relinquishing samples to TestAmerica, client agrees to pay for the services requested on this chain of custody form and any additional analyses performed on this project. Payment for services is due within 30 days from the date of invoice. Sample(s) will be disposed of after 30 days.

407

enovis™

April 08, 2011

Misty Vazquez
Golder Associates Inc.
230 Commerce, Suite 200
Irvine, CA US 92602

Enovis project ID: E202005
Project: Ford Star LM Lift Removal
Project number: 093-91993-02
Laboratory: TestAmerica - Irvine
Laboratory submittal: IUA1408
Sample date: 2011-01-14
Report received by Enovis: 2011-04-08
Initial Data Verification completed by Enovis: 2011-04-08

Data verification for the report specified above was completed using the Ford Motor Company Environmental Laboratory Technical Specification, the Enovis Standard Operating Procedure for the Verification of Environmental Analytical Data and the associated analytical methods as references for evaluating the batch QC, sample data and report content. The EPA National Functional Guidelines for validating organic and inorganic data were used as guidance when addressing out of control QC results and the associated data qualifiers.

9 Soil sample(s) were analyzed for GCMS VOC and DRO parameter(s).

Sample/MS/MSD Surrogate Recovery, Blank/LCS Surrogate Recovery, LCS/LCD Recovery, LCS/LCD RPD, Blank Contamination and Hold Time Exception were reviewed as part of our verification.

The following minor QC exceptions or missing information were noted:

GCMS VOC internal standard #3 response for client sample -006 was outside of method criteria, but the bias of the outlier could not be determined from the laboratory report. Client sample -006 results should be considered to be estimated and qualified with UJ flags for the following analytes: bromobenzene, n-butylbenzene, sec-butylbenzene, tert-butylbenzene, 2-chlorotoluene, 4-chlorotoluene, 1,2-dibromo-3-chloropropane, 1,2-dichlorobenzene, 1,3-dichlorobenzene, 1,4-dichlorobenzene, hexachlorobutadiene, isopropylbenzene, para-isopropyltoluene, naphthalene, 1,1,2,2-tetrachloroethane, 1,2,3-trichlorobenzene, 1,2,4-trichlorobenzene, 1,2,3-trichloropropane, 1,2,4-trimethylbenzene and 1,3,5-trimethylbenzene.

GCMS VOC surrogates were diluted to below reliably quantifiable levels and were not used to qualify results for client sample -004.

GCMS VOC LCSduplicate recoveries were outside of laboratory control limits biased high for butylbenzene and carbon tetrachloride. The LCS recoveries and LCS/LCSduplicate RPD's were acceptable so qualification was not required based on the LCSduplicate recovery outliers alone. The LCS/LCSduplicate RPD was an outlier for 1,2,3-trichloropropane. Qualification of client sample results was not required based on this QC outlier alone.

DRO surrogate recoveries were outside of laboratory control limits biased high for client samples -003 and -005. Qualification of client sample results was not required based on this surrogate recovery outliers.

The definitions of the qualifiers used for this data package are defined in the analytical report. Enovis valid qualifiers are defined in the table below. To view and download a PDF copy of the laboratory's analytical report access the Enovis CLMS at http://enovis-inc.com/enovis53/index.cfm.

Please contact me if you have any questions.

Sincerely,

Jim Tomalia

Project Scientist

Enovis Valid Qualifiers

Valid Qualifiers	Description
<	Less than the reported concentration.
>	Greater than the reported concentration.
B	The analyte / compound was detected in the associated blank. For Organic methods the sample concentration was greater than the RDL and less than 5x (or 10x for common lab contaminates) the blank concentration and is considered non-detect at the reported concentration. For Inorganic methods the sample concentration was greater than the RDL and less than 10x the blank concentration and is considered non-detect at the reported concentration.
E	The analyte / Compound reported exceeds the calibration range and is considered estimated.
EMPC	Estimated Minimum Potential Contamination - Dioxin/Furan analyses only.
J	Indicates an estimated value. This flag is used either when estimating a concentration for a tentatively identified compound or when the data indicates the presence of an analyte / compound but the result is less than the sample Quantitation limit, but greater than zero. The flag is also used in data validation to indicate a reported value should be considered estimated due to associated quality assurance deficiencies.
JH	The sample result is considered estimated and is potentially biased high.
JL	The sample result is considered estimated and is potentially biased low.
NJ	Tentatively identified compound with approximated concentration.
R	Indicates the value is considered to be unusable. (Note: The analyte / compound may or may not be present.)
TNTC	Too Numerous to Count - Asbestos and Microbiological Results.
U	Indicates that the analyte / compound was analyzed for, but not detected.
UB	The analyte / compound was detected in the associated blank. For Organic methods the sample concentration was less than the RDL and less than 5x (or 10x for common lab contaminates) the blank concentration and is considered non-detect at the RDL. For Inorganic methods the sample concentration was less than the RDL and less than 10x the blank concentration and is considered non-detect at the RDL.
UJ	The analyte / compound was not detected above the reported sample Quantitation limit. However, the Quantitation limit is considered to be approximate due to associated quality assurance results and may or may not represent the actual limit of Quantitation to accurately and precisely report the analyte in the sample.

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

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LABORATORY REPORT

Prepared For: Golder Associates - Irvine
230 Commerce, Suite 200
Irvine, CA 92602
Attention: Misty Vazquez

Project: Ford Glendale (Star Lm)
Ford

Sampled: 01/14/11
Received: 01/14/11
Issued: 01/20/11 19:29

NELAP #01108CA California ELAP#2706 CSDLAC #10256 AZ #AZ0671 NV #CA01531

The results listed within this Laboratory Report pertain only to the samples tested in the laboratory. The analyses contained in this report were performed in accordance with the applicable certificattons as noted. All soil samples are reported on a wet weight basis unless otherwise noted in the report. This Laboratory Report is confidential and is intended for the sole use of TestAmerica and its client. This report shall not be reproduced, except in full, without written permission from TestAmerica. The Chain of Custody, 1 page, is included and is an integral part of this report.
This entire report was reviewed and approved for release.

SAMPLE CROSS REFERENCE

LABORATORY ID	CLIENT ID	MATRIX
IUA1408-01	B1-BS-10	Soil
IUA1408-02	F-S-1	Soil
IUA1408-03	B23-BW-13	Soil
IUA1408-04	B23-BE-13	Soil
IUA1408-05	B24-BW-16	Soil
IUA1408-06	B23-BW-13	Soil
IUA1408-07	B23-BE-13	Soil
IUA1408-08	B24-BW-16	Soil
IUA1408-09	B1-BS-10	Soil

Reviewed By:

TestAmerica Irvine

Kathleen A. Robb For Amy Harris
Project Manager

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Golder Associates - Irvine
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Irvine, CA 92602
Attention: Misty Vazquez

Project ID: Ford Glendale (Star Lm)
Ford
Report Number: IUA1408

Sampled: 01/14/11
Received: 01/14/11

EXTRACTABLE FUEL HYDROCARBONS (CADHS/8015B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IUA1408-01 (B1-BS-10 - Soil)								
Reporting Units: mg/kg								
DRO (C10-C22)	EPA 8015B	11A1719	5.0	ND	1	1/17/2011	1/18/2011	
ORO (C18-C40)	EPA 8015B	11A1719	5.0	ND	1	1/17/2011	1/18/2011	
Surrogate: n-Octacosane (40-140%)				*74 %*				
Sample ID: IUA1408-02 (F-S-1 - Soil)								
Reporting Units: mg/kg								
DRO (C10-C22)	EPA 8015B	11A1719	5.0	**22**	1	1/17/2011	1/18/2011	
ORO (C18-C40)	EPA 8015B	11A1719	5.0	**48**	1	1/17/2011	1/18/2011	
Surrogate: n-Octacosane (40-140%)				*91 %*				
Sample ID: IUA1408-03 (B23-BW-13 - Soil)								
Reporting Units: mg/kg								
DRO (C10-C22)	EPA 8015B	11A1719	20	**190**	3.99	1/17/2011	1/18/2011	
ORO (C18-C40)	EPA 8015B	11A1719	20	**900**	3.99	1/17/2011	1/18/2011	
Surrogate: n-Octacosane (40-140%)				*374 %*				*Z3*
Sample ID: IUA1408-04 (B23-BE-13 - Soil)								
Reporting Units: mg/kg								
DRO (C10-C22)	EPA 8015B	11A1719	50	**510**	9.99	1/17/2011	1/18/2011	
ORO (C18-C40)	EPA 8015B	11A1719	50	**2900**	9.99	1/17/2011	1/18/2011	
Surrogate: n-Octacosane (40-140%)				*960 %*				*Z3*
Sample ID: IUA1408-05 (B24-BW-16 - Soil)								
Reporting Units: mg/kg								
DRO (C10-C22)	EPA 8015B	11A1719	20	**140**	4	1/17/2011	1/18/2011	
ORO (C18-C40)	EPA 8015B	11A1719	20	**830**	4	1/17/2011	1/18/2011	
Surrogate: n-Octacosane (40-140%)				*309 %*				*Z3*

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Attention: Misty Vazquez

Project ID: Ford Glendale (Star Lm)
Ford
Report Number: IUA1408

Sampled: 01/14/11
Received: 01/14/11

VOLATILE ORGANICS by GC/MS (EPA 5035/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IUA1408-06 (B23-BW-13 - Soil)								
Reporting Units: ug/kg								
Benzene	EPA 8260B	11A1680	1.6	ND	0.822	1/17/2011	1/17/2011	
Bromobenzene	EPA 8260B	11A1680	4.1	ND	0.822	1/17/2011	1/17/2011	I
Bromochloromethane	EPA 8260B	11A1680	4.1	ND	0.822	1/17/2011	1/17/2011	
Bromodichloromethane	EPA 8260B	11A1680	1.6	ND	0.822	1/17/2011	1/17/2011	
Bromoform	EPA 8260B	11A1680	4.1	ND	0.822	1/17/2011	1/17/2011	
Bromomethane	EPA 8260B	11A1680	4.1	ND	0.822	1/17/2011	1/17/2011	
n-Butylbenzene	EPA 8260B	11A1680	4.1	ND	0.822	1/17/2011	1/17/2011	I
sec-Butylbenzene	EPA 8260B	11A1680	4.1	ND	0.822	1/17/2011	1/17/2011	I
tert-Butylbenzene	EPA 8260B	11A1680	4.1	ND	0.822	1/17/2011	1/17/2011	I
Carbon tetrachloride	EPA 8260B	11A1680	4.1	ND	0.822	1/17/2011	1/17/2011	
Chlorobenzene	EPA 8260B	11A1680	1.6	ND	0.822	1/17/2011	1/17/2011	
Chloroethane	EPA 8260B	11A1680	4.1	ND	0.822	1/17/2011	1/17/2011	
Chloroform	EPA 8260B	11A1680	1.6	ND	0.822	1/17/2011	1/17/2011	
Chloromethane	EPA 8260B	11A1680	4.1	ND	0.822	1/17/2011	1/17/2011	
2-Chlorotoluene	EPA 8260B	11A1680	4.1	ND	0.822	1/17/2011	1/17/2011	I
4-Chlorotoluene	EPA 8260B	11A1680	4.1	ND	0.822	1/17/2011	1/17/2011	I
1,2-Dibromo-3-chloropropane	EPA 8260B	11A1680	4.1	ND	0.822	1/17/2011	1/17/2011	I
Dibromochloromethane	EPA 8260B	11A1680	1.6	ND	0.822	1/17/2011	1/17/2011	
1,2-Dibromoethane (EDB)	EPA 8260B	11A1680	1.6	ND	0.822	1/17/2011	1/17/2011	
Dibromomethane	EPA 8260B	11A1680	1.6	ND	0.822	1/17/2011	1/17/2011	
1,2-Dichlorobenzene	EPA 8260B	11A1680	1.6	ND	0.822	1/17/2011	1/17/2011	I
1,3-Dichlorobenzene	EPA 8260B	11A1680	1.6	ND	0.822	1/17/2011	1/17/2011	I
1,4-Dichlorobenzene	EPA 8260B	11A1680	1.6	ND	0.822	1/17/2011	1/17/2011	I
Dichlorodifluoromethane	EPA 8260B	11A1680	4.1	ND	0.822	1/17/2011	1/17/2011	
1,1-Dichloroethane	EPA 8260B	11A1680	1.6	ND	0.822	1/17/2011	1/17/2011	
1,2-Dichloroethane	EPA 8260B	11A1680	1.6	ND	0.822	1/17/2011	1/17/2011	
1,1-Dichloroethene	EPA 8260B	11A1680	4.1	ND	0.822	1/17/2011	1/17/2011	
cis-1,2-Dichloroethene	EPA 8260B	11A1680	1.6	ND	0.822	1/17/2011	1/17/2011	
trans-1,2-Dichloroethene	EPA 8260B	11A1680	1.6	ND	0.822	1/17/2011	1/17/2011	
1,2-Dichloropropane	EPA 8260B	11A1680	1.6	ND	0.822	1/17/2011	1/17/2011	
1,3-Dichloropropane	EPA 8260B	11A1680	1.6	ND	0.822	1/17/2011	1/17/2011	
2,2-Dichloropropane	EPA 8260B	11A1680	1.6	ND	0.822	1/17/2011	1/17/2011	
cis-1,3-Dichloropropene	EPA 8260B	11A1680	1.6	ND	0.822	1/17/2011	1/17/2011	
trans-1,3-Dichloropropene	EPA 8260B	11A1680	1.6	ND	0.822	1/17/2011	1/17/2011	
1,1-Dichloropropene	EPA 8260B	11A1680	1.6	ND	0.822	1/17/2011	1/17/2011	
Ethylbenzene	EPA 8260B	11A1680	1.6	ND	0.822	1/17/2011	1/17/2011	
Hexachlorobutadiene	EPA 8260B	11A1680	4.1	ND	0.822	1/17/2011	1/17/2011	I
Isopropylbenzene	EPA 8260B	11A1680	1.6	ND	0.822	1/17/2011	1/17/2011	I
p-Isopropyltoluene	EPA 8260B	11A1680	1.6	ND	0.822	1/17/2011	1/17/2011	I
Methylene chloride	EPA 8260B	11A1680	16	ND	0.822	1/17/2011	1/17/2011	
Naphthalene	EPA 8260B	11A1680	4.1	ND	0.822	1/17/2011	1/17/2011	I

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Golder Associates - Irvine
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Attention: Misty Vazquez

Project ID: Ford Glendale (Star Lm)
Ford
Report Number: IUA1408

Sampled: 01/14/11
Received: 01/14/11

VOLATILE ORGANICS by GC/MS (EPA 5035/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IUA1408-06 (B23-BW-13 - Soil) - cont.								
Reporting Units: ug/kg								
n-Propylbenzene	EPA 8260B	11A1680	1.6	ND	0.822	1/17/2011	1/17/2011	
Styrene	EPA 8260B	11A1680	1.6	ND	0.822	1/17/2011	1/17/2011	
1,1,1,2-Tetrachloroethane	EPA 8260B	11A1680	4.1	ND	0.822	1/17/2011	1/17/2011	
1,1,2,2-Tetrachloroethane	EPA 8260B	11A1680	1.6	ND	0.822	1/17/2011	1/17/2011	I
Tetrachloroethene	EPA 8260B	11A1680	1.6	ND	0.822	1/17/2011	1/17/2011	
Toluene	EPA 8260B	11A1680	1.6	ND	0.822	1/17/2011	1/17/2011	
1,2,3-Trichlorobenzene	EPA 8260B	11A1680	4.1	ND	0.822	1/17/2011	1/17/2011	I
1,2,4-Trichlorobenzene	EPA 8260B	11A1680	4.1	ND	0.822	1/17/2011	1/17/2011	I
1,1,1-Trichloroethane	EPA 8260B	11A1680	1.6	ND	0.822	1/17/2011	1/17/2011	
1,1,2-Trichloroethane	EPA 8260B	11A1680	1.6	ND	0.822	1/17/2011	1/17/2011	
Trichloroethene	EPA 8260B	11A1680	1.6	ND	0.822	1/17/2011	1/17/2011	
Trichlorofluoromethane	EPA 8260B	11A1680	4.1	ND	0.822	1/17/2011	1/17/2011	
1,2,3-Trichloropropane	EPA 8260B	11A1680	8.2	ND	0.822	1/17/2011	1/17/2011	I
1,2,4-Trimethylbenzene	EPA 8260B	11A1680	1.6	ND	0.822	1/17/2011	1/17/2011	I
1,3,5-Trimethylbenzene	EPA 8260B	11A1680	1.6	ND	0.822	1/17/2011	1/17/2011	I
Vinyl chloride	EPA 8260B	11A1680	4.1	ND	0.822	1/17/2011	1/17/2011	
m,p-Xylenes	EPA 8260B	11A1680	1.6	ND	0.822	1/17/2011	1/17/2011	
o-Xylene	EPA 8260B	11A1680	1.6	ND	0.822	1/17/2011	1/17/2011	
Surrogate: 4-Bromofluorobenzene (80-120%)				*82 %*				
Surrogate: Dibromofluoromethane (80-125%)				*124 %*				
Surrogate: Toluene-d8 (80-120%)				*95 %*				

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Project ID: Ford Glendale (Star Lm)
Ford
Report Number: IUA1408

Sampled: 01/14/11
Received: 01/14/11

VOLATILE ORGANICS by GC/MS (EPA 5035/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IUA1408-07 (B23-BE-13 - Soil)								
Reporting Units: ug/kg								
Benzene	EPA 8260B	11A1680	1.7	ND	0.838	1/17/2011	1/17/2011	
Bromobenzene	EPA 8260B	11A1680	4.2	ND	0.838	1/17/2011	1/17/2011	
Bromochloromethane	EPA 8260B	11A1680	4.2	ND	0.838	1/17/2011	1/17/2011	
Bromodichloromethane	EPA 8260B	11A1680	1.7	ND	0.838	1/17/2011	1/17/2011	
Bromoform	EPA 8260B	11A1680	4.2	ND	0.838	1/17/2011	1/17/2011	
Bromomethane	EPA 8260B	11A1680	4.2	ND	0.838	1/17/2011	1/17/2011	
n-Butylbenzene	EPA 8260B	11A1680	4.2	ND	0.838	1/17/2011	1/17/2011	
sec-Butylbenzene	EPA 8260B	11A1680	4.2	ND	0.838	1/17/2011	1/17/2011	
tert-Butylbenzene	EPA 8260B	11A1680	4.2	ND	0.838	1/17/2011	1/17/2011	
Carbon tetrachloride	EPA 8260B	11A1680	4.2	ND	0.838	1/17/2011	1/17/2011	
Chlorobenzene	EPA 8260B	11A1680	1.7	ND	0.838	1/17/2011	1/17/2011	
Chloroethane	EPA 8260B	11A1680	4.2	ND	0.838	1/17/2011	1/17/2011	
Chloroform	EPA 8260B	11A1680	1.7	ND	0.838	1/17/2011	1/17/2011	
Chloromethane	EPA 8260B	11A1680	4.2	ND	0.838	1/17/2011	1/17/2011	
2-Chlorotoluene	EPA 8260B	11A1680	4.2	ND	0.838	1/17/2011	1/17/2011	
4-Chlorotoluene	EPA 8260B	11A1680	4.2	ND	0.838	1/17/2011	1/17/2011	
1,2-Dibromo-3-chloropropane	EPA 8260B	11A1680	4.2	ND	0.838	1/17/2011	1/17/2011	
Dibromochloromethane	EPA 8260B	11A1680	1.7	ND	0.838	1/17/2011	1/17/2011	
1,2-Dibromoethane (EDB)	EPA 8260B	11A1680	1.7	ND	0.838	1/17/2011	1/17/2011	
Dibromomethane	EPA 8260B	11A1680	1.7	ND	0.838	1/17/2011	1/17/2011	
1,2-Dichlorobenzene	EPA 8260B	11A1680	1.7	ND	0.838	1/17/2011	1/17/2011	
1,3-Dichlorobenzene	EPA 8260B	11A1680	1.7	ND	0.838	1/17/2011	1/17/2011	
1,4-Dichlorobenzene	EPA 8260B	11A1680	1.7	ND	0.838	1/17/2011	1/17/2011	
Dichlorodifluoromethane	EPA 8260B	11A1680	4.2	ND	0.838	1/17/2011	1/17/2011	
1,1-Dichloroethane	EPA 8260B	11A1680	1.7	ND	0.838	1/17/2011	1/17/2011	
1,2-Dichloroethane	EPA 8260B	11A1680	1.7	ND	0.838	1/17/2011	1/17/2011	
1,1-Dichloroethene	EPA 8260B	11A1680	4.2	ND	0.838	1/17/2011	1/17/2011	
cis-1,2-Dichloroethene	EPA 8260B	11A1680	1.7	ND	0.838	1/17/2011	1/17/2011	
trans-1,2-Dichloroethene	EPA 8260B	11A1680	1.7	ND	0.838	1/17/2011	1/17/2011	
1,2-Dichloropropane	EPA 8260B	11A1680	1.7	ND	0.838	1/17/2011	1/17/2011	
1,3-Dichloropropane	EPA 8260B	11A1680	1.7	ND	0.838	1/17/2011	1/17/2011	
2,2-Dichloropropane	EPA 8260B	11A1680	1.7	ND	0.838	1/17/2011	1/17/2011	
cis-1,3-Dichloropropene	EPA 8260B	11A1680	1.7	ND	0.838	1/17/2011	1/17/2011	
trans-1,3-Dichloropropene	EPA 8260B	11A1680	1.7	ND	0.838	1/17/2011	1/17/2011	
1,1-Dichloropropene	EPA 8260B	11A1680	1.7	ND	0.838	1/17/2011	1/17/2011	
Ethylbenzene	EPA 8260B	11A1680	1.7	ND	0.838	1/17/2011	1/17/2011	
Hexachlorobutadiene	EPA 8260B	11A1680	4.2	ND	0.838	1/17/2011	1/17/2011	
Isopropylbenzene	EPA 8260B	11A1680	1.7	ND	0.838	1/17/2011	1/17/2011	
p-Isopropyltoluene	EPA 8260B	11A1680	1.7	ND	0.838	1/17/2011	1/17/2011	
Methylene chloride	EPA 8260B	11A1680	17	ND	0.838	1/17/2011	1/17/2011	
Naphthalene	EPA 8260B	11A1680	4.2	ND	0.838	1/17/2011	1/17/2011	

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Report Number: IUA1408

Sampled: 01/14/11
Received: 01/14/11

VOLATILE ORGANICS by GC/MS (EPA 5035/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IUA1408-07 (B23-BE-13 - Soil) - cont.								
Reporting Units: ug/kg								
n-Propylbenzene	EPA 8260B	11A1680	1.7	ND	0.838	1/17/2011	1/17/2011	
Styrene	EPA 8260B	11A1680	1.7	ND	0.838	1/17/2011	1/17/2011	
1,1,1,2-Tetrachloroethane	EPA 8260B	11A1680	4.2	ND	0.838	1/17/2011	1/17/2011	
1,1,2,2-Tetrachloroethane	EPA 8260B	11A1680	1.7	ND	0.838	1/17/2011	1/17/2011	
Tetrachloroethene	EPA 8260B	11A1680	1.7	ND	0.838	1/17/2011	1/17/2011	
Toluene	EPA 8260B	11A1680	1.7	ND	0.838	1/17/2011	1/17/2011	
1,2,3-Trichlorobenzene	EPA 8260B	11A1680	4.2	ND	0.838	1/17/2011	1/17/2011	
1,2,4-Trichlorobenzene	EPA 8260B	11A1680	4.2	ND	0.838	1/17/2011	1/17/2011	
1,1,1-Trichloroethane	EPA 8260B	11A1680	1.7	ND	0.838	1/17/2011	1/17/2011	
1,1,2-Trichloroethane	EPA 8260B	11A1680	1.7	ND	0.838	1/17/2011	1/17/2011	
Trichloroethene	EPA 8260B	11A1680	1.7	ND	0.838	1/17/2011	1/17/2011	
Trichlorofluoromethane	EPA 8260B	11A1680	4.2	ND	0.838	1/17/2011	1/17/2011	
1,2,3-Trichloropropane	EPA 8260B	11A1680	8.4	ND	0.838	1/17/2011	1/17/2011	
1,2,4-Trimethylbenzene	EPA 8260B	11A1680	1.7	ND	0.838	1/17/2011	1/17/2011	
1,3,5-Trimethylbenzene	EPA 8260B	11A1680	1.7	ND	0.838	1/17/2011	1/17/2011	
Vinyl chloride	EPA 8260B	11A1680	4.2	ND	0.838	1/17/2011	1/17/2011	
m,p-Xylenes	EPA 8260B	11A1680	1.7	ND	0.838	1/17/2011	1/17/2011	
o-Xylene	EPA 8260B	11A1680	1.7	ND	0.838	1/17/2011	1/17/2011	
Surrogate: 4-Bromofluorobenzene (80-120%)				*94 %*				
Surrogate: Dibromofluoromethane (80-125%)				*118 %*				
Surrogate: Toluene-d8 (80-120%)				*100 %*				

TestAmerica Irvine

Kathleen A. Robb For Amy Harris
Project Manager

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Golder Associates - Irvine
230 Commerce, Suite 200
Irvine, CA 92602
Attention: Misty Vazquez

Project ID: Ford Glendale (Star Lm)
Ford
Report Number: IUA1408

Sampled: 01/14/11
Received: 01/14/11

VOLATILE ORGANICS by GC/MS (EPA 5035/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IUA1408-08 (B24-BW-16 - Soil)								
Reporting Units: ug/kg								
Benzene	EPA 8260B	11A1680	1.8	ND	0.876	1/17/2011	1/17/2011	
Bromobenzene	EPA 8260B	11A1680	4.4	ND	0.876	1/17/2011	1/17/2011	
Bromochloromethane	EPA 8260B	11A1680	4.4	ND	0.876	1/17/2011	1/17/2011	
Bromodichloromethane	EPA 8260B	11A1680	1.8	ND	0.876	1/17/2011	1/17/2011	
Bromoform	EPA 8260B	11A1680	4.4	ND	0.876	1/17/2011	1/17/2011	
Bromomethane	EPA 8260B	11A1680	4.4	ND	0.876	1/17/2011	1/17/2011	
n-Butylbenzene	EPA 8260B	11A1680	4.4	ND	0.876	1/17/2011	1/17/2011	
sec-Butylbenzene	EPA 8260B	11A1680	4.4	ND	0.876	1/17/2011	1/17/2011	
tert-Butylbenzene	EPA 8260B	11A1680	4.4	ND	0.876	1/17/2011	1/17/2011	
Carbon tetrachloride	EPA 8260B	11A1680	4.4	ND	0.876	1/17/2011	1/17/2011	
Chlorobenzene	EPA 8260B	11A1680	1.8	ND	0.876	1/17/2011	1/17/2011	
Chloroethane	EPA 8260B	11A1680	4.4	ND	0.876	1/17/2011	1/17/2011	
Chloroform	EPA 8260B	11A1680	1.8	ND	0.876	1/17/2011	1/17/2011	
Chloromethane	EPA 8260B	11A1680	4.4	ND	0.876	1/17/2011	1/17/2011	
2-Chlorotoluene	EPA 8260B	11A1680	4.4	ND	0.876	1/17/2011	1/17/2011	
4-Chlorotoluene	EPA 8260B	11A1680	4.4	ND	0.876	1/17/2011	1/17/2011	
1,2-Dibromo-3-chloropropane	EPA 8260B	11A1680	4.4	ND	0.876	1/17/2011	1/17/2011	
Dibromochloromethane	EPA 8260B	11A1680	1.8	ND	0.876	1/17/2011	1/17/2011	
1,2-Dibromoethane (EDB)	EPA 8260B	11A1680	1.8	ND	0.876	1/17/2011	1/17/2011	
Dibromomethane	EPA 8260B	11A1680	1.8	ND	0.876	1/17/2011	1/17/2011	
1,2-Dichlorobenzene	EPA 8260B	11A1680	1.8	ND	0.876	1/17/2011	1/17/2011	
1,3-Dichlorobenzene	EPA 8260B	11A1680	1.8	ND	0.876	1/17/2011	1/17/2011	
1,4-Dichlorobenzene	EPA 8260B	11A1680	1.8	ND	0.876	1/17/2011	1/17/2011	
Dichlorodifluoromethane	EPA 8260B	11A1680	4.4	ND	0.876	1/17/2011	1/17/2011	
1,1-Dichloroethane	EPA 8260B	11A1680	1.8	ND	0.876	1/17/2011	1/17/2011	
1,2-Dichloroethane	EPA 8260B	11A1680	1.8	ND	0.876	1/17/2011	1/17/2011	
1,1-Dichloroethene	EPA 8260B	11A1680	4.4	ND	0.876	1/17/2011	1/17/2011	
cis-1,2-Dichloroethene	EPA 8260B	11A1680	1.8	ND	0.876	1/17/2011	1/17/2011	
trans-1,2-Dichloroethene	EPA 8260B	11A1680	1.8	ND	0.876	1/17/2011	1/17/2011	
1,2-Dichloropropane	EPA 8260B	11A1680	1.8	ND	0.876	1/17/2011	1/17/2011	
1,3-Dichloropropane	EPA 8260B	11A1680	1.8	ND	0.876	1/17/2011	1/17/2011	
2,2-Dichloropropane	EPA 8260B	11A1680	1.8	ND	0.876	1/17/2011	1/17/2011	
cis-1,3-Dichloropropene	EPA 8260B	11A1680	1.8	ND	0.876	1/17/2011	1/17/2011	
trans-1,3-Dichloropropene	EPA 8260B	11A1680	1.8	ND	0.876	1/17/2011	1/17/2011	
1,1-Dichloropropene	EPA 8260B	11A1680	1.8	ND	0.876	1/17/2011	1/17/2011	
Ethylbenzene	EPA 8260B	11A1680	1.8	ND	0.876	1/17/2011	1/17/2011	
Hexachlorobutadiene	EPA 8260B	11A1680	4.4	ND	0.876	1/17/2011	1/17/2011	
Isopropylbenzene	EPA 8260B	11A1680	1.8	ND	0.876	1/17/2011	1/17/2011	
p-Isopropyltoluene	EPA 8260B	11A1680	1.8	ND	0.876	1/17/2011	1/17/2011	
Methylene chloride	EPA 8260B	11A1680	18	ND	0.876	1/17/2011	1/17/2011	
Naphthalene	EPA 8260B	11A1680	4.4	ND	0.876	1/17/2011	1/17/2011	

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Attention: Misty Vazquez

Project ID: Ford Glendale (Star Lm)
Ford
Report Number: IUA1408

Sampled: 01/14/11
Received: 01/14/11

VOLATILE ORGANICS by GC/MS (EPA 5035/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IUA1408-08 (B24-BW-16 - Soil) - cont.								
Reporting Units: ug/kg								
n-Propylbenzene	EPA 8260B	11A1680	1.8	ND	0.876	1/17/2011	1/17/2011	
Styrene	EPA 8260B	11A1680	1.8	ND	0.876	1/17/2011	1/17/2011	
1,1,1,2-Tetrachloroethane	EPA 8260B	11A1680	4.4	ND	0.876	1/17/2011	1/17/2011	
1,1,2,2-Tetrachloroethane	EPA 8260B	11A1680	1.8	ND	0.876	1/17/2011	1/17/2011	
Tetrachloroethene	EPA 8260B	11A1680	1.8	ND	0.876	1/17/2011	1/17/2011	
Toluene	EPA 8260B	11A1680	1.8	ND	0.876	1/17/2011	1/17/2011	
1,2,3-Trichlorobenzene	EPA 8260B	11A1680	4.4	ND	0.876	1/17/2011	1/17/2011	
1,2,4-Trichlorobenzene	EPA 8260B	11A1680	4.4	ND	0.876	1/17/2011	1/17/2011	
1,1,1-Trichloroethane	EPA 8260B	11A1680	1.8	ND	0.876	1/17/2011	1/17/2011	
1,1,2-Trichloroethane	EPA 8260B	11A1680	1.8	ND	0.876	1/17/2011	1/17/2011	
Trichloroethene	EPA 8260B	11A1680	1.8	ND	0.876	1/17/2011	1/17/2011	
Trichlorofluoromethane	EPA 8260B	11A1680	4.4	ND	0.876	1/17/2011	1/17/2011	
1,2,3-Trichloropropane	EPA 8260B	11A1680	8.8	ND	0.876	1/17/2011	1/17/2011	
1,2,4-Trimethylbenzene	EPA 8260B	11A1680	1.8	ND	0.876	1/17/2011	1/17/2011	
1,3,5-Trimethylbenzene	EPA 8260B	11A1680	1.8	ND	0.876	1/17/2011	1/17/2011	
Vinyl chloride	EPA 8260B	11A1680	4.4	ND	0.876	1/17/2011	1/17/2011	
m,p-Xylenes	EPA 8260B	11A1680	1.8	ND	0.876	1/17/2011	1/17/2011	
o-Xylene	EPA 8260B	11A1680	1.8	ND	0.876	1/17/2011	1/17/2011	
Surrogate: 4-Bromofluorobenzene (80-120%)				*93 %*				
Surrogate: Dibromofluoromethane (80-125%)				*121 %*				
Surrogate: Toluene-d8 (80-120%)				*101 %*				

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Attention: Misty Vazquez

Project ID: Ford Glendale (Star Lm)
Ford
Report Number: IUA1408

Sampled: 01/14/11
Received: 01/14/11

VOLATILE ORGANICS by GC/MS (EPA 5035/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IUA1408-09 (B1-BS-10 - Soil)								
Reporting Units: ug/kg								
Benzene	EPA 8260B	11A1660	1.6	ND	0.803	1/16/2011	1/16/2011	
Bromobenzene	EPA 8260B	11A1660	4.0	ND	0.803	1/16/2011	1/16/2011	L
Bromochloromethane	EPA 8260B	11A1660	4.0	ND	0.803	1/16/2011	1/16/2011	
Bromodichloromethane	EPA 8260B	11A1660	1.6	ND	0.803	1/16/2011	1/16/2011	
Bromoform	EPA 8260B	11A1660	4.0	ND	0.803	1/16/2011	1/16/2011	
Bromomethane	EPA 8260B	11A1660	4.0	ND	0.803	1/16/2011	1/16/2011	
n-Butylbenzene	EPA 8260B	11A1660	4.0	ND	0.803	1/16/2011	1/16/2011	
sec-Butylbenzene	EPA 8260B	11A1660	4.0	ND	0.803	1/16/2011	1/16/2011	
tert-Butylbenzene	EPA 8260B	11A1660	4.0	ND	0.803	1/16/2011	1/16/2011	
Carbon tetrachloride	EPA 8260B	11A1660	4.0	ND	0.803	1/16/2011	1/16/2011	L
Chlorobenzene	EPA 8260B	11A1660	1.6	ND	0.803	1/16/2011	1/16/2011	
Chloroethane	EPA 8260B	11A1660	4.0	ND	0.803	1/16/2011	1/16/2011	
Chloroform	EPA 8260B	11A1660	1.6	ND	0.803	1/16/2011	1/16/2011	
Chloromethane	EPA 8260B	11A1660	4.0	ND	0.803	1/16/2011	1/16/2011	
2-Chlorotoluene	EPA 8260B	11A1660	4.0	ND	0.803	1/16/2011	1/16/2011	
4-Chlorotoluene	EPA 8260B	11A1660	4.0	ND	0.803	1/16/2011	1/16/2011	
1,2-Dibromo-3-chloropropane	EPA 8260B	11A1660	4.0	ND	0.803	1/16/2011	1/16/2011	
Dibromochloromethane	EPA 8260B	11A1660	1.6	ND	0.803	1/16/2011	1/16/2011	
1,2-Dibromoethane (EDB)	EPA 8260B	11A1660	1.6	ND	0.803	1/16/2011	1/16/2011	
Dibromomethane	EPA 8260B	11A1660	1.6	ND	0.803	1/16/2011	1/16/2011	
1,2-Dichlorobenzene	EPA 8260B	11A1660	1.6	ND	0.803	1/16/2011	1/16/2011	
1,3-Dichlorobenzene	EPA 8260B	11A1660	1.6	ND	0.803	1/16/2011	1/16/2011	
1,4-Dichlorobenzene	EPA 8260B	11A1660	1.6	ND	0.803	1/16/2011	1/16/2011	
Dichlorodifluoromethane	EPA 8260B	11A1660	4.0	ND	0.803	1/16/2011	1/16/2011	
1,1-Dichloroethane	EPA 8260B	11A1660	1.6	ND	0.803	1/16/2011	1/16/2011	
1,2-Dichloroethane	EPA 8260B	11A1660	1.6	ND	0.803	1/16/2011	1/16/2011	
1,1-Dichloroethene	EPA 8260B	11A1660	4.0	ND	0.803	1/16/2011	1/16/2011	
cis-1,2-Dichloroethene	EPA 8260B	11A1660	1.6	ND	0.803	1/16/2011	1/16/2011	
trans-1,2-Dichloroethene	EPA 8260B	11A1660	1.6	ND	0.803	1/16/2011	1/16/2011	
1,2-Dichloropropane	EPA 8260B	11A1660	1.6	ND	0.803	1/16/2011	1/16/2011	
1,3-Dichloropropane	EPA 8260B	11A1660	1.6	ND	0.803	1/16/2011	1/16/2011	
2,2-Dichloropropane	EPA 8260B	11A1660	1.6	ND	0.803	1/16/2011	1/16/2011	
cis-1,3-Dichloropropene	EPA 8260B	11A1660	1.6	ND	0.803	1/16/2011	1/16/2011	
trans-1,3-Dichloropropene	EPA 8260B	11A1660	1.6	ND	0.803	1/16/2011	1/16/2011	
1,1-Dichloropropene	EPA 8260B	11A1660	1.6	ND	0.803	1/16/2011	1/16/2011	
Ethylbenzene	EPA 8260B	11A1660	1.6	ND	0.803	1/16/2011	1/16/2011	
Hexachlorobutadiene	EPA 8260B	11A1660	4.0	ND	0.803	1/16/2011	1/16/2011	
Isopropylbenzene	EPA 8260B	11A1660	1.6	ND	0.803	1/16/2011	1/16/2011	
p-Isopropyltoluene	EPA 8260B	11A1660	1.6	ND	0.803	1/16/2011	1/16/2011	
Methylene chloride	EPA 8260B	11A1660	16	ND	0.803	1/16/2011	1/16/2011	
Naphthalene	EPA 8260B	11A1660	4.0	ND	0.803	1/16/2011	1/16/2011	

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Project ID: Ford Glendale (Star Lm)
Ford
Report Number: IUA1408

Sampled: 01/14/11
Received: 01/14/11

VOLATILE ORGANICS by GC/MS (EPA 5035/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IUA1408-09 (B1-BS-10 - Soil) - cont.								
Reporting Units: ug/kg								
n-Propylbenzene	EPA 8260B	11A1660	1.6	ND	0.803	1/16/2011	1/16/2011	
Styrene	EPA 8260B	11A1660	1.6	ND	0.803	1/16/2011	1/16/2011	
1,1,1,2-Tetrachloroethane	EPA 8260B	11A1660	4.0	ND	0.803	1/16/2011	1/16/2011	
1,1,2,2-Tetrachloroethane	EPA 8260B	11A1660	1.6	ND	0.803	1/16/2011	1/16/2011	
Tetrachloroethene	EPA 8260B	11A1660	1.6	ND	0.803	1/16/2011	1/16/2011	
Toluene	EPA 8260B	11A1660	1.6	ND	0.803	1/16/2011	1/16/2011	
1,2,3-Trichlorobenzene	EPA 8260B	11A1660	4.0	ND	0.803	1/16/2011	1/16/2011	
1,2,4-Trichlorobenzene	EPA 8260B	11A1660	4.0	ND	0.803	1/16/2011	1/16/2011	
1,1,1-Trichloroethane	EPA 8260B	11A1660	1.6	ND	0.803	1/16/2011	1/16/2011	
1,1,2-Trichloroethane	EPA 8260B	11A1660	1.6	ND	0.803	1/16/2011	1/16/2011	
Trichloroethene	EPA 8260B	11A1660	1.6	ND	0.803	1/16/2011	1/16/2011	
Trichlorofluoromethane	EPA 8260B	11A1660	4.0	ND	0.803	1/16/2011	1/16/2011	
1,2,3-Trichloropropane	EPA 8260B	11A1660	8.0	ND	0.803	1/16/2011	1/16/2011	L
1,2,4-Trimethylbenzene	EPA 8260B	11A1660	1.6	ND	0.803	1/16/2011	1/16/2011	
1,3,5-Trimethylbenzene	EPA 8260B	11A1660	1.6	ND	0.803	1/16/2011	1/16/2011	
Vinyl chloride	EPA 8260B	11A1660	4.0	ND	0.803	1/16/2011	1/16/2011	
m,p-Xylenes	EPA 8260B	11A1660	1.6	ND	0.803	1/16/2011	1/16/2011	
o-Xylene	EPA 8260B	11A1660	1.6	ND	0.803	1/16/2011	1/16/2011	
Surrogate: 4-Bromofluorobenzene (80-120%)				*91 %*				
Surrogate: Dibromofluoromethane (80-125%)				*95 %*				
Surrogate: Toluene-d8 (80-120%)				*104 %*				

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Project Manager

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Attention: Misty Vazquez

Project ID: Ford Glendale (Star Lm) .
Ford
Report Number: IUA1408

Sampled: 01/14/11
Received: 01/14/11

METHOD BLANK/QC DATA

EXTRACTABLE FUEL HYDROCARBONS (CADHS/8015B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 11A1719 Extracted: 01/17/11										
Blank Analyzed: 01/17/2011 (11A1719-BLK1)										
DRO (C10-C22)	ND	5.0	mg/kg							
ORO (C18-C40)	ND	5.0	mg/kg							
EFH (C10 - C28)	ND	5.0	mg/kg							
Surrogate: n-Octacosane	*4.98*		*mg/kg*	*6.67*		*75*	*40-140*			
LCS Analyzed: 01/17/2011 (11A1719-BS1)										
EFH (C10 - C28)	21.8	5.0	mg/kg	33.3		65	45-115			
Surrogate: n-Octacosane	*4.69*		*mg/kg*	*6.67*		*70*	*40-140*			
Matrix Spike Analyzed: 01/17/2011 (11A1719-MS1)					**Source: IUA1437-07**					
EFH (C10 - C28)	24.6	5.0	mg/kg	33.3	8.40	49	40-120			
Surrogate: n-Octacosane	*4.37*		*mg/kg*	*6.67*		*65*	*40-140*			
Matrix Spike Dup Analyzed: 01/17/2011 (11A1719-MSD1)					**Source: IUA1437-07**					
EFH (C10 - C28)	26.2	5.0	mg/kg	33.3	8.40	53	40-120	6	30	
Surrogate: n-Octacosane	*4.58*		*mg/kg*	*6.67*		*69*	*40-140*			

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Attention: Misty Vazquez

Project ID: Ford Glendale (Star Lm)
Ford
Report Number: IUA1408

Sampled: 01/14/11
Received: 01/14/11

METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 11A1660 Extracted: 01/16/11										
Blank Analyzed: 01/16/2011 (11A1660-BLK1)										
Benzene	ND	2.0	ug/kg							
Bromobenzene	ND	5.0	ug/kg							
Bromochloromethane	ND	5.0	ug/kg							
Bromodichloromethane	ND	2.0	ug/kg							
Bromoform	ND	5.0	ug/kg							
Bromomethane	ND	5.0	ug/kg							
n-Butylbenzene	ND	5.0	ug/kg							
sec-Butylbenzene	ND	5.0	ug/kg							
tert-Butylbenzene	ND	5.0	ug/kg							
Carbon tetrachloride	ND	5.0	ug/kg							
Chlorobenzene	ND	2.0	ug/kg							
Chloroethane	ND	5.0	ug/kg							
Chloroform	ND	2.0	ug/kg							
Chloromethane	ND	5.0	ug/kg							
2-Chlorotoluene	ND	5.0	ug/kg							
4-Chlorotoluene	ND	5.0	ug/kg							
1,2-Dibromo-3-chloropropane	ND	5.0	ug/kg							
Dibromochloromethane	ND	2.0	ug/kg							
1,2-Dibromoethane (EDB)	ND	2.0	ug/kg							
Dibromomethane	ND	2.0	ug/kg							
1,2-Dichlorobenzene	ND	2.0	ug/kg							
1,3-Dichlorobenzene	ND	2.0	ug/kg							
1,4-Dichlorobenzene	ND	2.0	ug/kg							
Dichlorodifluoromethane	ND	5.0	ug/kg							
1,1-Dichloroethane	ND	2.0	ug/kg							
1,2-Dichloroethane	ND	2.0	ug/kg							
1,1-Dichloroethene	ND	5.0	ug/kg							
cis-1,2-Dichloroethene	ND	2.0	ug/kg							
trans-1,2-Dichloroethene	ND	2.0	ug/kg							
1,2-Dichloropropane	ND	2.0	ug/kg							
1,3-Dichloropropane	ND	2.0	ug/kg							
2,2-Dichloropropane	ND	2.0	ug/kg							
cis-1,3-Dichloropropene	ND	2.0	ug/kg							
trans-1,3-Dichloropropene	ND	2.0	ug/kg							
1,1-Dichloropropene	ND	2.0	ug/kg							
Ethylbenzene	ND	2.0	ug/kg							

TestAmerica Irvine

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Golder Associates - Irvine
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Irvine, CA 92602
Attention: Misty Vazquez

Project ID: Ford Glendale (Star Lm)
Ford
Report Number: IUA1408

Sampled: 01/14/11
Received: 01/14/11

METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 11A1660 Extracted: 01/16/11										
Blank Analyzed: 01/16/2011 (11A1660-BLK1)										
Hexachlorobutadiene	ND	5.0	ug/kg							
Isopropylbenzene	ND	2.0	ug/kg							
p-Isopropyltoluene	ND	2.0	ug/kg							
Methylene chloride	ND	20	ug/kg							
Naphthalene	ND	5.0	ug/kg							
n-Propylbenzene	ND	2.0	ug/kg							
Styrene	ND	2.0	ug/kg							
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg							
1,1,2,2-Tetrachloroethane	ND	2.0	ug/kg							
Tetrachloroethene	ND	2.0	ug/kg							
Toluene	ND	2.0	ug/kg							
1,2,3-Trichlorobenzene	ND	5.0	ug/kg							
1,2,4-Trichlorobenzene	ND	5.0	ug/kg							
1,1,1-Trichloroethane	ND	2.0	ug/kg							
1,1,2-Trichloroethane	ND	2.0	ug/kg							
Trichloroethene	ND	2.0	ug/kg							
Trichlorofluoromethane	ND	5.0	ug/kg							
1,2,3-Trichloropropane	ND	10	ug/kg							
1,2,4-Trimethylbenzene	ND	2.0	ug/kg							
1,3,5-Trimethylbenzene	ND	2.0	ug/kg							
Vinyl chloride	ND	5.0	ug/kg							
m,p-Xylenes	ND	2.0	ug/kg							
o-Xylene	ND	2.0	ug/kg							
Surrogate: 4-Bromofluorobenzene	*45.3*		*ug/kg*	*50.0*		*91*	*80-120*			
Surrogate: Dibromofluoromethane	*47.5*		*ug/kg*	*50.0*		*95*	*80-125*			
Surrogate: Toluene-d8	*52.6*		*ug/kg*	*50.0*		*105*	*80-120*			
LCS Analyzed: 01/16/2011 (11A1660-BS1)										
Benzene	47.2	2.0	ug/kg	50.0		94	65-120			
Bromobenzene	57.6	5.0	ug/kg	50.0		115	75-120			
Bromochloromethane	48.6	5.0	ug/kg	50.0		97	70-135			
Bromodichloromethane	52.7	2.0	ug/kg	50.0		105	70-135			
Bromoform	40.7	5.0	ug/kg	50.0		81	55-135			
Bromomethane	42.8	5.0	ug/kg	50.0		86	60-145			
n-Butylbenzene	51.9	5.0	ug/kg	50.0		104	70-130			
sec-Butylbenzene	54.9	5.0	ug/kg	50.0		110	70-125			

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Ford
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Sampled: 01/14/11
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METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 11A1660 Extracted: 01/16/11										
LCS Analyzed: 01/16/2011 (11A1660-BS1)										
tert-Butylbenzene	54.7	5.0	ug/kg	50.0		109	70-125			
Carbon tetrachloride	61.9	5.0	ug/kg	50.0		124	65-140			
Chlorobenzene	50.8	2.0	ug/kg	50.0		102	75-120			
Chloroethane	38.5	5.0	ug/kg	50.0		77	60-140			
Chloroform	43.4	2.0	ug/kg	50.0		87	70-130			
Chloromethane	33.0	5.0	ug/kg	50.0		66	45-145			
2-Chlorotoluene	51.3	5.0	ug/kg	50.0		103	70-125			
4-Chlorotoluene	50.5	5.0	ug/kg	50.0		101	75-125			
1,2-Dibromo-3-chloropropane	39.2	5.0	ug/kg	50.0		78	50-135			
Dibromochloromethane	48.3	2.0	ug/kg	50.0		97	65-140			
1,2-Dibromoethane (EDB)	49.2	2.0	ug/kg	50.0		98	70-130			
Dibromomethane	48.0	2.0	ug/kg	50.0		96	70-130			
1,2-Dichlorobenzene	50.4	2.0	ug/kg	50.0		101	75-120			
1,3-Dichlorobenzene	53.4	2.0	ug/kg	50.0		107	75-125			
1,4-Dichlorobenzene	51.3	2.0	ug/kg	50.0		103	75-120			
Dichlorodifluoromethane	34.0	5.0	ug/kg	50.0		68	35-160			
1,1-Dichloroethane	46.6	2.0	ug/kg	50.0		93	70-130			
1,2-Dichloroethane	49.0	2.0	ug/kg	50.0		98	60-140			
1,1-Dichloroethene	41.7	5.0	ug/kg	50.0		83	70-125			
cis-1,2-Dichloroethene	48.9	2.0	ug/kg	50.0		98	70-125			
trans-1,2-Dichloroethene	48.1	2.0	ug/kg	50.0		96	70-125			
1,2-Dichloropropane	49.9	2.0	ug/kg	50.0		100	70-130			
1,3-Dichloropropane	48.1	2.0	ug/kg	50.0		96	70-125			
2,2-Dichloropropane	54.8	2.0	ug/kg	50.0		110	60-145			
cis-1,3-Dichloropropene	53.4	2.0	ug/kg	50.0		107	75-125			
trans-1,3-Dichloropropene	56.7	2.0	ug/kg	50.0		113	70-135			
1,1-Dichloropropene	49.8	2.0	ug/kg	50.0		100	70-130			
Ethylbenzene	51.3	2.0	ug/kg	50.0		103	70-125			
Hexachlorobutadiene	60.1	5.0	ug/kg	50.0		120	60-135			
Isopropylbenzene	53.0	2.0	ug/kg	50.0		106	75-130			
p-Isopropyltoluene	55.0	2.0	ug/kg	50.0		110	75-125			
Methylene chloride	42.2	20	ug/kg	50.0		84	55-135			
Naphthalene	49.3	5.0	ug/kg	50.0		99	55-135			
n-Propylbenzene	51.9	2.0	ug/kg	50.0		104	70-130			
Styrene	54.2	2.0	ug/kg	50.0		108	75-130			
1,1,1,2-Tetrachloroethane	56.8	5.0	ug/kg	50.0		114	70-130			

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Project ID: Ford Glendale (Star Lm)
Ford
Report Number: IUA1408

Sampled: 01/14/11
Received: 01/14/11

METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 11A1660 Extracted: 01/16/11										
LCS Analyzed: 01/16/2011 (11A1660-BS1)										
1,1,2,2-Tetrachloroethane	49.6	2.0	ug/kg	50.0		99	55-140			
Tetrachloroethene	54.7	2.0	ug/kg	50.0		109	70-125			
Toluene	49.0	2.0	ug/kg	50.0		98	70-125			
1,2,3-Trichlorobenzene	52.7	5.0	ug/kg	50.0		105	60-130			
1,2,4-Trichlorobenzene	54.3	5.0	ug/kg	50.0		109	70-135			
1,1,1-Trichloroethane	53.6	2.0	ug/kg	50.0		107	65-135			
1,1,2-Trichloroethane	49.6	2.0	ug/kg	50.0		99	65-135			
Trichloroethene	54.0	2.0	ug/kg	50.0		108	70-125			
Trichlorofluoromethane	47.6	5.0	ug/kg	50.0		95	60-145			
1,2,3-Trichloropropane	49.1	10	ug/kg	50.0		98	60-135			
1,2,4-Trimethylbenzene	53.5	2.0	ug/kg	50.0		107	70-125			
1,3,5-Trimethylbenzene	53.3	2.0	ug/kg	50.0		107	70-125			
Vinyl chloride	40.4	5.0	ug/kg	50.0		81	55-135			
m,p-Xylenes	107	2.0	ug/kg	100		107	70-125			
o-Xylene	50.1	2.0	ug/kg	50.0		100	70-125			
Surrogate: 4-Bromofluorobenzene	*47.1*		*ug/kg*	*50.0*		*94*	*80-120*			
Surrogate: Dibromofluoromethane	*47.8*		*ug/kg*	*50.0*		*96*	*80-125*			
Surrogate: Toluene-d8	*51.8*		*ug/kg*	*50.0*		*104*	*80-120*			
LCS Dup Analyzed: 01/16/2011 (11A1660-BSD1)										**MNR1**
Benzene	52.8	2.0	ug/kg	50.0		106	65-120	11	20	
Bromobenzene	61.1	5.0	ug/kg	50.0		122	75-120	6	20	*L*
Bromochloromethane	49.4	5.0	ug/kg	50.0		99	70-135	2	20	
Bromodichloromethane	55.2	2.0	ug/kg	50.0		110	70-135	5	20	
Bromoform	43.6	5.0	ug/kg	50.0		87	55-135	7	25	
Bromomethane	48.4	5.0	ug/kg	50.0		97	60-145	12	20	
n-Butylbenzene	58.4	5.0	ug/kg	50.0		117	70-130	12	20	
sec-Butylbenzene	62.7	5.0	ug/kg	50.0		125	70-125	13	20	
tert-Butylbenzene	59.0	5.0	ug/kg	50.0		118	70-125	8	20	
Carbon tetrachloride	70.7	5.0	ug/kg	50.0		141	65-140	13	20	*L*
Chlorobenzene	56.6	2.0	ug/kg	50.0		113	75-120	11	20	
Chloroethane	46.1	5.0	ug/kg	50.0		92	60-140	18	25	
Chloroform	45.3	2.0	ug/kg	50.0		91	70-130	4	20	
Chloromethane	37.7	5.0	ug/kg	50.0		75	45-145	13	25	
2-Chlorotoluene	55.0	5.0	ug/kg	50.0		110	70-125	7	20	
4-Chlorotoluene	54.9	5.0	ug/kg	50.0		110	75-125	8	20	

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Attention: Misty Vazquez

Project ID: Ford Glendale (Star Lm)
Ford
Report Number: IUA1408

Sampled: 01/14/11
Received: 01/14/11

METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 11A1660 Extracted: 01/16/11										
LCS Dup Analyzed: 01/16/2011 (11A1660-BSD1)										MNR1
1,2-Dibromo-3-chloropropane	39.3	5.0	ug/kg	50.0		79	50-135	0.2	30	
Dibromochloromethane	49.6	2.0	ug/kg	50.0		99	65-140	3	20	
1,2-Dibromoethane (EDB)	51.8	2.0	ug/kg	50.0		104	70-130	5	20	
Dibromomethane	51.6	2.0	ug/kg	50.0		103	70-130	7	20	
1,2-Dichlorobenzene	54.3	2.0	ug/kg	50.0		109	75-120	7	20	
1,3-Dichlorobenzene	58.2	2.0	ug/kg	50.0		116	75-125	8	20	
1,4-Dichlorobenzene	55.9	2.0	ug/kg	50.0		112	75-120	9	20	
Dichlorodifluoromethane	39.2	5.0	ug/kg	50.0		78	35-160	14	30	
1,1-Dichloroethane	49.5	2.0	ug/kg	50.0		99	70-130	6	20	
1,2-Dichloroethane	52.4	2.0	ug/kg	50.0		105	60-140	7	20	
1,1-Dichloroethene	41.3	5.0	ug/kg	50.0		83	70-125	1	20	
cis-1,2-Dichloroethene	50.9	2.0	ug/kg	50.0		102	70-125	4	20	
trans-1,2-Dichloroethene	52.5	2.0	ug/kg	50.0		105	70-125	9	20	
1,2-Dichloropropane	52.4	2.0	ug/kg	50.0		105	70-130	5	20	
1,3-Dichloropropane	51.3	2.0	ug/kg	50.0		103	70-125	7	20	
2,2-Dichloropropane	62.2	2.0	ug/kg	50.0		124	60-145	13	20	
cis-1,3-Dichloropropene	58.4	2.0	ug/kg	50.0		117	75-125	9	20	
trans-1,3-Dichloropropene	60.4	2.0	ug/kg	50.0		121	70-135	6	20	
1,1-Dichloropropene	57.5	2.0	ug/kg	50.0		115	70-130	14	20	
Ethylbenzene	56.7	2.0	ug/kg	50.0		113	70-125	10	20	
Hexachlorobutadiene	65.0	5.0	ug/kg	50.0		130	60-135	8	20	
Isopropylbenzene	58.3	2.0	ug/kg	50.0		117	75-130	10	20	
p-Isopropyltoluene	60.0	2.0	ug/kg	50.0		120	75-125	9	20	
Methylene chloride	44.1	20	ug/kg	50.0		88	55-135	4	20	
Naphthalene	49.6	5.0	ug/kg	50.0		99	55-135	0.5	25	
n-Propylbenzene	57.4	2.0	ug/kg	50.0		115	70-130	10	20	
Styrene	58.5	2.0	ug/kg	50.0		117	75-130	8	20	
1,1,1,2-Tetrachloroethane	61.5	5.0	ug/kg	50.0		123	70-130	8	20	
1,1,2,2-Tetrachloroethane	53.1	2.0	ug/kg	50.0		106	55-140	7	30	
Tetrachloroethene	61.8	2.0	ug/kg	50.0		124	70-125	12	20	
Toluene	56.2	2.0	ug/kg	50.0		112	70-125	14	20	
1,2,3-Trichlorobenzene	55.0	5.0	ug/kg	50.0		110	60-130	4	20	
1,2,4-Trichlorobenzene	58.0	5.0	ug/kg	50.0		116	70-135	7	20	
1,1,1-Trichloroethane	59.2	2.0	ug/kg	50.0		118	65-135	10	20	
1,1,2-Trichloroethane	52.7	2.0	ug/kg	50.0		105	65-135	6	20	
Trichloroethene	59.8	2.0	ug/kg	50.0		120	70-125	10	20	

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Ford
Report Number: IUA1408

Sampled: 01/14/11
Received: 01/14/11

METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 11A1680 Extracted: 01/17/11										
LCS Dup Analyzed: 01/17/2011 (11A1680-BSD1)										
Benzene	50.7	2.0	ug/kg	50.0		101	65-120	5	20	
Bromobenzene	50.3	5.0	ug/kg	50.0		101	75-120	5	20	
Bromochloromethane	53.0	5.0	ug/kg	50.0		106	70-135	6	20	
Bromodichloromethane	53.6	2.0	ug/kg	50.0		107	70-135	6	20	
Bromoform	48.3	5.0	ug/kg	50.0		97	55-135	7	25	
Bromomethane	47.0	5.0	ug/kg	50.0		94	60-145	3	20	
n-Butylbenzene	47.5	5.0	ug/kg	50.0		95	70-130	8	20	
sec-Butylbenzene	48.7	5.0	ug/kg	50.0		97	70-125	7	20	
tert-Butylbenzene	47.3	5.0	ug/kg	50.0		95	70-125	5	20	
Carbon tetrachloride	51.8	5.0	ug/kg	50.0		104	65-140	5	20	
Chlorobenzene	51.9	2.0	ug/kg	50.0		104	75-120	5	20	
Chloroethane	45.7	5.0	ug/kg	50.0		91	60-140	2	25	
Chloroform	46.1	2.0	ug/kg	50.0		92	70-130	5	20	
Chloromethane	42.2	5.0	ug/kg	50.0		84	45-145	2	25	
2-Chlorotoluene	47.2	5.0	ug/kg	50.0		94	70-125	6	20	
4-Chlorotoluene	47.8	5.0	ug/kg	50.0		96	75-125	6	20	
1,2-Dibromo-3-chloropropane	54.8	5.0	ug/kg	50.0		110	50-135	7	30	
Dibromochloromethane	55.6	2.0	ug/kg	50.0		111	65-140	7	20	
1,2-Dibromoethane (EDB)	53.8	2.0	ug/kg	50.0		108	70-130	6	20	
Dibromomethane	54.7	2.0	ug/kg	50.0		109	70-130	7	20	
1,2-Dichlorobenzene	48.4	2.0	ug/kg	50.0		97	75-120	6	20	
1,3-Dichlorobenzene	48.4	2.0	ug/kg	50.0		97	75-125	6	20	
1,4-Dichlorobenzene	51.6	2.0	ug/kg	50.0		103	75-120	7	20	
Dichlorodifluoromethane	36.4	5.0	ug/kg	50.0		73	35-160	0.6	30	
1,1-Dichloroethane	54.6	2.0	ug/kg	50.0		109	70-130	5	20	
1,2-Dichloroethane	51.2	2.0	ug/kg	50.0		102	60-140	6	20	
1,1-Dichloroethene	53.5	5.0	ug/kg	50.0		107	70-125	5	20	
cis-1,2-Dichloroethene	53.2	2.0	ug/kg	50.0		106	70-125	6	20	
trans-1,2-Dichloroethene	54.6	2.0	ug/kg	50.0		109	70-125	6	20	
1,2-Dichloropropane	53.8	2.0	ug/kg	50.0		108	70-130	6	20	
1,3-Dichloropropane	52.7	2.0	ug/kg	50.0		105	70-125	6	20	
2,2-Dichloropropane	56.4	2.0	ug/kg	50.0		113	60-145	2	20	
cis-1,3-Dichloropropene	56.7	2.0	ug/kg	50.0		113	75-125	7	20	
trans-1,3-Dichloropropene	59.5	2.0	ug/kg	50.0		119	70-135	7	20	
1,1-Dichloropropene	53.6	2.0	ug/kg	50.0		107	70-130	5	20	
Ethylbenzene	50.9	2.0	ug/kg	50.0		102	70-125	5	20	

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Project ID: Ford Glendale (Star Lm)
Ford
Report Number: IUA1408

Sampled: 01/14/11
Received: 01/14/11

METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 11A1680 Extracted: 01/17/11										
LCS Dup Analyzed: 01/17/2011 (11A1680-BSD1)										
Hexachlorobutadiene	46.0	5.0	ug/kg	50.0		92	60-135	12	20	
Isopropylbenzene	45.7	2.0	ug/kg	50.0		91	75-130	5	20	
p-Isopropyltoluene	49.1	2.0	ug/kg	50.0		98	75-125	7	20	
Methylene chloride	53.1	20	ug/kg	50.0		106	55-135	4	20	
Naphthalene	49.9	5.0	ug/kg	50.0		100	55-135	8	25	
n-Propylbenzene	48.3	2.0	ug/kg	50.0		97	70-130	5	20	
Styrene	53.1	2.0	ug/kg	50.0		106	75-130	6	20	
1,1,1,2-Tetrachloroethane	52.7	5.0	ug/kg	50.0		105	70-130	6	20	
1,1,2,2-Tetrachloroethane	51.1	2.0	ug/kg	50.0		102	55-140	5	30	
Tetrachloroethene	49.5	2.0	ug/kg	50.0		99	70-125	4	20	
Toluene	49.6	2.0	ug/kg	50.0		99	70-125	6	20	
1,2,3-Trichlorobenzene	46.8	5.0	ug/kg	50.0		94	60-130	7	20	
1,2,4-Trichlorobenzene	48.3	5.0	ug/kg	50.0		97	70-135	10	20	
1,1,1-Trichloroethane	54.2	2.0	ug/kg	50.0		108	65-135	3	20	
1,1,2-Trichloroethane	53.1	2.0	ug/kg	50.0		106	65-135	8	20	
Trichloroethene	50.3	2.0	ug/kg	50.0		101	70-125	5	20	
Trichlorofluoromethane	49.4	5.0	ug/kg	50.0		99	60-145	6	25	
1,2,3-Trichloropropane	51.6	10	ug/kg	50.0		103	60-135	7	25	
1,2,4-Trimethylbenzene	48.5	2.0	ug/kg	50.0		97	70-125	7	20	
1,3,5-Trimethylbenzene	47.9	2.0	ug/kg	50.0		96	70-125	6	20	
Vinyl chloride	42.7	5.0	ug/kg	50.0		85	55-135	1	25	
m,p-Xylenes	99.3	2.0	ug/kg	100		99	70-125	6	20	
o-Xylene	49.2	2.0	ug/kg	50.0		98	70-125	5	20	
Surrogate: 4-Bromofluorobenzene	*49.9*		*ug/kg*	*50.0*		*100*	*80-120*			
Surrogate: Dibromofluoromethane	*52.0*		*ug/kg*	*50.0*		*104*	*80-125*			
Surrogate: Toluene-d8	*53.6*		*ug/kg*	*50.0*		*107*	*80-120*			

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Kathleen A. Robb For Amy Harris
Project Manager

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17461 Derian Avenue, Suite 100, Irvine, CA 92614 (949) 261-1022 Fax:(949) 260-3297

Golder Associates - Irvine
230 Commerce, Suite 200
Irvine, CA 92602
Attention: Misty Vazquez

Project ID: Ford Glendale (Star Lm)
Ford
Report Number: IUA1408

Sampled: 01/14/11
Received: 01/14/11

DATA QUALIFIERS AND DEFINITIONS

I	Internal Standard recovery was outside of method limits. Matrix interference was confirmed.
L	Laboratory Control Sample and/or Laboratory Control Sample Duplicate recovery was above the acceptance limits. Analyte not detected, data not impacted.
MNR1	There was no MS/MSD analyzed with this batch due to insufficient sample volume. See Blank Spike/Blank Spike Duplicate.
Z3	The sample required a dilution due to the nature of the sample matrix. Because of this dilution, the surrogate spike concentration in the sample was reduced to a level where the recovery calculation does not provide useful information.
ND	Analyte NOT DETECTED at or above the reporting limit or MDL, if MDL is specified.
RPD	Relative Percent Difference

ADDITIONAL COMMENTS

For Extractable Fuel Hydrocarbons (EFH, DRO, ORO) :

Unless otherwise noted, Extractable Fuel Hydrocarbons (EFH, DRO, ORO) are quantitated against a Diesel Fuel Standard.

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Project ID: Ford Glendale (Star Lm)
Ford
Report Number: IUA1408

Sampled: 01/14/11
Received: 01/14/11

Certification Summary

TestAmerica Irvine

Method	Matrix	Nelac	California
EPA 8015B	Soil	X	X
EPA 8260B	Soil	X	X

Nevada and NELAP provide analyte specific accreditations. Analyte specific information for TestAmerica may be obtained by contacting the laboratory or visiting our website at www.testamericainc.com

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Kathleen A. Robb For Amy Harris
Project Manager

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CHAIN OF CUSTODY FORM

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1014 E. Cooley Dr., Suite A, Colton, CA 92324 (909) 370-4667 FAX (909) 370-1046
9830 South 51st St., Suite B-120, Phoenix, AZ 85044 (480) 785-0043 FAX (480) 785-0851
2520 E. Sunset Rd. #3, Las Vegas, NV 89120 (702) 798-3620 FAX (702) 798-3621

IUA1408

Page 1 of

TAL-0013(1007)

Client Name/Address:	Project/PO Number:
Golder Associates 230 Commerce Suite 200 Irvine CA 92602	093-91993-02
Project Manager: Misty Vasquez	**Phone Number:** 714 508 4400
Sampler: M. Beckwith	**Fax Number:** 714 508 4401

Sample Description	Sample Matrix	Container Type	# of Cont.	Sampling Date	Sampling Time	Preservatives	Analysis Required: TPH. DRO/ORO (EPA 8015B)	Analysis Required: VOCs	Special Instructions
B1-BS-10	Soil	jar	1	1/14/11	0759	N/A	✓		
F-S-1	Soil	jar	1	1/14/11	0816	N/A	✓		
B23-BW-13					0957		✓		
B23-BE-13					1043		✓		
B24-BW-16		↓			1116		✓		
B23-BW-13	~~Soil~~ VOA	VOA's			0957	HCl Methanol	✓	✓	
B23-BE-13					1043		✓	✓	
B24-BW-16					1116		✓	✓	
B1-BS-10					0759		✓	✓	
		↓	↓	↓	↓	↓			

Relinquished By:	Date/Time:	Received By:	Date/Time:	Turnaround Time: (Check)
Mary Beckwith	1/14/11 1537			same day ____ 72 hours ____
Relinquished By:	Date/Time:	Received By:	Date/Time:	24 hours ____ 4X days ✓
				48 hours ____ normal ____
Relinquished By:	Date/Time:	Received in Lab By:	Date/Time:	Sample Integrity: (Check)
			1/14/11 1537	intact ✓ on ice ✓

Note: By relinquishing samples to TestAmerica, client agrees to pay for the services requested on this chain of custody form and any additional analyses performed on this project. Payment for services is due within 30 days from the date of invoice. Sample(s) will be disposed of after 30 days.

500

8.4° C

April 08, 2011

Misty Vazquez
Golder Associates Inc.
230 Commerce, Suite 200
Irvine, CA US 92602

Enovis project ID: E202005
Project: Ford Star LM Lift Removal
Project number: 093-91993-02
Laboratory: TestAmerica - Irvine
Laboratory submittal: IUC1290
Sample date: 2011-03-10
Report received by Enovis: 2011-03-14
Initial Data Verification completed by Enovis: 2011-03-15

Data verification for the report specified above was completed using the Ford Motor Company Environmental Laboratory Technical Specification, the Enovis Standard Operating Procedure for the Verification of Environmental Analytical Data and the associated analytical methods as references for evaluating the batch QC, sample data and report content. The EPA National Functional Guidelines for validating organic and inorganic data were used as guidance when addressing out of control QC results and the associated data qualifiers.

2 Soil sample(s) and 1 product sample were analyzed for PCB and GC VOC parameter(s).

Sample/MS/MSD Surrogate Recovery, Blank/LCS Surrogate Recovery, LCS/LCD Recovery, LCS/LCD RPD, Blank Contamination and Hold Time Exception were reviewed as part of our verification.

The following minor QC exceptions or missing information were noted:

DRO/ORO surrogate recovery was outside of laboratory control limits biased high in client sample -004. Qualification of client sample results was not required based on this surrogate outlier alone.

The definitions of the qualifiers used for this data package are defined in the analytical report. Enovis valid qualifiers are defined in the table below. To view and download a PDF copy of the laboratory's analytical report access the Enovis CLMS at http://enovis-inc.com/enovis53/index.cfm.

Please contact me if you have any questions.

Sincerely,

Jim Tomalia

Project Scientist

Enovis Valid Qualifiers

Valid Qualifiers	Description
<	Less than the reported concentration.
>	Greater than the reported concentration.
B	The analyte / compound was detected in the associated blank. For Organic methods the sample concentration was greater than the RDL and less than 5x (or 10x for common lab contaminates) the blank concentration and is considered non-detect at the reported concentration. For Inorganic methods the sample concentration was greater than the RDL and less than 10x the blank concentration and is considered non-detect at the reported concentration.
E	The analyte / Compound reported exceeds the calibration range and is considered estimated.
EMPC	Estimated Minimum Potential Contamination - Dioxin/Furan analyses only.
J	Indicates an estimated value. This flag is used either when estimating a concentration for a tentatively identified compound or when the data indicates the presence of an analyte / compound but the result is less than the sample Quantitation limit, but greater than zero. The flag is also used in data validation to indicate a reported value should be considered estimated due to associated quality assurance deficiencies.
JH	The sample result is considered estimated and is potentially biased high.
JL	The sample result is considered estimated and is potentially biased low.
NJ	Tentatively identified compound with approximated concentration.
R	Indicates the value is considered to be unusable. (Note: The analyte / compound may or may not be present.)
TNTC	Too Numerous to Count - Asbestos and Microbiological Results.
U	Indicates that the analyte / compound was analyzed for, but not detected.
UB	The analyte / compound was detected in the associated blank. For Organic methods the sample concentration was less than the RDL and less than 5x (or 10x for common lab contaminates) the blank concentration and is considered non-detect at the RDL. For Inorganic methods the sample concentration was less than the RDL and less than 10x the blank concentration and is considered non-detect at the RDL.
UJ	The analyte / compound was not detected above the reported sample Quantitation limit. However, the Quantitation limit is considered to be approximate due to associated quality assurance results and may or may not represent the actual limit of Quantitation to accurately and precisely report the analyte in the sample.

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LABORATORY REPORT

Prepared For: Golder Associates - Irvine
230 Commerce, Suite 200
Irvine, CA 92602
Attention: Misty Vazquez

Project: Ford Glendale (Star Lm)
093-91993-02

Sampled: 03/10/11
Received: 03/10/11
Issued: 03/11/11 17:07

NELAP #01108CA California ELAP#2706 CSDLAC #10256 AZ #AZ0671 NV #CA01531

The results listed within this Laboratory Report pertain only to the samples tested in the laboratory. The analyses contained in this report were performed in accordance with the applicable certifications as noted. All soil samples are reported on a wet weight basis unless otherwise noted in the report. This Laboratory Report is confidential and is intended for the sole use of TestAmerica and its client. This report shall not be reproduced, except in full, without written permission from TestAmerica. The Chain of Custody, 1 page, is included and is an integral part of this report.
This entire report was reviewed and approved for release.

SAMPLE CROSS REFERENCE

LABORATORY ID	CLIENT ID	MATRIX
IUC1290-04	LA-SP-1	Soil
IUC1290-05	LA-D	Product
IUC1290-06	LA-1-9	Soil

Reviewed By:

TestAmerica Irvine

Kathleen A. Robb For Amy Harris
Project Manager

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Golder Associates - Irvine
230 Commerce, Suite 200
Irvine, CA 92602
Attention: Misty Vazquez

Project ID: Ford Glendale (Star Lm)
093-91993-02
Report Number: IUC1290

Sampled: 03/10/11
Received: 03/10/11

EXTRACTABLE FUEL HYDROCARBONS (CADHS/8015B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IUC1290-04 (LA-SP-1 - Soil)								
Reporting Units: mg/kg								
DRO (C10-C22)	EPA 8015B	11C1539	10	**28**	2	3/10/2011	3/11/2011	
ORO (C18-C40)	EPA 8015B	11C1539	10	**140**	2	3/10/2011	3/11/2011	
Surrogate: n-Octacosane (40-140%)				*168 %*				*ZX*
Sample ID: IUC1290-06 (LA-1-9 - Soil)								
Reporting Units: mg/kg								
DRO (C10-C22)	EPA 8015B	11C1539	5.0	ND	0.999	3/10/2011	3/11/2011	
ORO (C18-C40)	EPA 8015B	11C1539	5.0	ND	0.999	3/10/2011	3/11/2011	
Surrogate: n-Octacosane (40-140%)				*91 %*				

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Irvine, CA 92602
Attention: Misty Vazquez

Project ID: Ford Glendale (Star Lm)
093-91993-02
Report Number: IUC1290

Sampled: 03/10/11
Received: 03/10/11

POLYCHLORINATED BIPHENYLS (EPA 3580A/8082)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IUC1290-05 (LA-D - Product)								
Reporting Units: mg/kg								
Aroclor 1016	EPA 8082	11C1479	2.5	ND	0.5	3/10/2011	3/10/2011	
Aroclor 1221	EPA 8082	11C1479	2.5	ND	0.5	3/10/2011	3/10/2011	
Aroclor 1232	EPA 8082	11C1479	2.5	ND	0.5	3/10/2011	3/10/2011	
Aroclor 1242	EPA 8082	11C1479	2.5	ND	0.5	3/10/2011	3/10/2011	
Aroclor 1248	EPA 8082	11C1479	2.5	ND	0.5	3/10/2011	3/10/2011	
Aroclor 1254	EPA 8082	11C1479	2.5	ND	0.5	3/10/2011	3/10/2011	
Aroclor 1260	EPA 8082	11C1479	2.5	ND	0.5	3/10/2011	3/10/2011	
Surrogate: Decachlorobiphenyl (50-120%)				*65 %*				

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Project Manager

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230 Commerce, Suite 200
Irvine, CA 92602
Attention: Misty Vazquez

Project ID: Ford Glendale (Star Lm)
093-91993-02
Report Number: IUC1290

Sampled: 03/10/11
Received: 03/10/11

METHOD BLANK/QC DATA

EXTRACTABLE FUEL HYDROCARBONS (CADHS/8015B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 11C1539 Extracted: 03/10/11										
Blank Analyzed: 03/11/2011 (11C1539-BLK1)										
DRO (C10-C22)	ND	5.0	mg/kg							
ORO (C18-C40)	ND	5.0	mg/kg							
EFH (C10 - C28)	ND	5.0	mg/kg							
Surrogate: n-Octacosane	*5.84*		*mg/kg*	*6.67*		*88*	*40-140*			
LCS Analyzed: 03/11/2011 (11C1539-BS1)										
EFH (C10 - C28)	22.9	5.0	mg/kg	33.3		69	45-115			
Surrogate: n-Octacosane	*5.75*		*mg/kg*	*6.67*		*86*	*40-140*			
Matrix Spike Analyzed: 03/11/2011 (11C1539-MS1)					**Source: IUC1290-06**					
EFH (C10 - C28)	22.3	5.0	mg/kg	33.3	ND	67	40-120			
Surrogate: n-Octacosane	*5.99*		*mg/kg*	*6.66*		*90*	*40-140*			
Matrix Spike Dup Analyzed: 03/11/2011 (11C1539-MSD1)					**Source: IUC1290-06**					
EFH (C10 - C28)	27.7	5.0	mg/kg	33.3	ND	83	40-120	22	30	
Surrogate: n-Octacosane	*6.74*		*mg/kg*	*6.66*		*101*	*40-140*			

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Project Manager

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Attention: Misty Vazquez

Project ID: Ford Glendale (Star Lm)
093-91993-02
Report Number: IUC1290

Sampled: 03/10/11
Received: 03/10/11

METHOD BLANK/QC DATA

POLYCHLORINATED BIPHENYLS (EPA 3580A/8082)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 11C1479 Extracted: 03/10/11										
Blank Analyzed: 03/10/2011 (11C1479-BLK1)										
Aroclor 1016	ND	2.5	mg/kg							
Aroclor 1221	ND	2.5	mg/kg							
Aroclor 1232	ND	2.5	mg/kg							
Aroclor 1242	ND	2.5	mg/kg							
Aroclor 1248	ND	2.5	mg/kg							
Aroclor 1254	ND	2.5	mg/kg							
Aroclor 1260	ND	2.5	mg/kg							
Surrogate: Decachlorobiphenyl	*0.659*		*mg/kg*	*0.625*		*105*	*50-120*			
LCS Analyzed: 03/10/2011 (11C1479-BS1)										
Aroclor 1016	9.44	2.5	mg/kg	10.0		94	50-120			
Aroclor 1260	9.34	2.5	mg/kg	10.0		93	50-120			
Surrogate: Decachlorobiphenyl	*0.716*		*mg/kg*	*0.625*		*114*	*50-120*			
LCS Dup Analyzed: 03/10/2011 (11C1479-BSD1)										
Aroclor 1016	9.44	2.5	mg/kg	10.0		94	50-120	0.03	30	
Aroclor 1260	9.20	2.5	mg/kg	10.0		92	50-120	1	30	
Surrogate: Decachlorobiphenyl	*0.700*		*mg/kg*	*0.625*		*112*	*50-120*			

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Irvine, CA 92602
Attention: Misty Vazquez

Project ID: Ford Glendale (Star Lm)
093-91993-02
Report Number: IUC1290

Sampled: 03/10/11
Received: 03/10/11

DATA QUALIFIERS AND DEFINITIONS

ZX Due to sample matrix effects, the surrogate recovery was outside the acceptance limits.

ND Analyte NOT DETECTED at or above the reporting limit or MDL, if MDL is specified.

RPD Relative Percent Difference

ADDITIONAL COMMENTS

For Extractable Fuel Hydrocarbons (EFH, DRO, ORO) :

Unless otherwise noted, Extractable Fuel Hydrocarbons (EFH, DRO, ORO) are quantitated against a Diesel Fuel Standard.

TestAmerica Irvine

Kathleen A. Robb For Amy Harris
Project Manager

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Project ID: Ford Glendale (Star Lm)
093-91993-02
Report Number: IUC1290

Sampled: 03/10/11
Received: 03/10/11

Certification Summary

TestAmerica Irvine

Method	Matrix	Nelac	California
EPA 8015B	Soil	X	X
EPA 8082	Product	X	X

Nevada and NELAP provide analyte specific accreditations. Analyte specific information for TestAmerica may be obtained by contacting the laboratory or visiting our website at www.testamericainc.com

TestAmerica Irvine

Kathleen A. Robb For Amy Harris
Project Manager

TestAmerica

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CHAIN OF CUSTODY FORM

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2520 E. Sunset Rd. #3, Las Vegas, NV 89120 (702) 798-3620 FAX (702) 798-3621

TAL-0013(1007)

Client Name/Address:	Project/PO Number:
Golder Associate Inc. 230 Commerce 1st 200 Irvine, CA 92602	Star LM Ford 093-91993-02
Project Manager: Misty Vazquez	**Phone Number:** 714-508-4400
Sampler: Kristina Byrne	**Fax Number:** 714-508-4401

Sample Description	Sample Matrix	Container Type	# of Cont.	Sampling Date	Sampling Time	Preservatives	Analysis Required: TPH-DRO 1020	Analysis Required: 8015	Analysis Required: PCBs 8082	Special Instructions
BA1-9	soil	metal sleeve	1	3/8	1020	ice	—	—	—	HOLD
BA2-7	soil	metal sleeve	1	3/8	1030	ice	—	—	—	HOLD
BA3-9	soil	metal sleeve	1	3/8	1100	ice	—	—	—	HOLD
LA-SP-1	soil	metal sleeve	1	3/10	900	ice	X			
LA-D	oil	metal sleeve	1	3/10	1000	ice		X		No soxhlet ex for this time SR 3/10 per MV (due to rush TAT)
LA-1-9	soil	metal sleeve	1	3/10	1300	ice	X			

SAT 3/10/11 15:15

Relinquished By:	Date/Time:	Received By:	Date/Time:	Turnaround Time: (Check)	
Kristina Byrne Kristina Byrne	3/10/11 1430			same day ____	72 hours ____
Relinquished By:	Date/Time:	Received By:	Date/Time:	24 hours X	5 days ____
				48 hours ____	normal ____
Relinquished By:	Date/Time:	Received in Leb By:	Date/Time:	Sample Integrity: (Check)	
		[illegible]	3-10-11 14:30	Intact ✓	on ice ✓

Note: By relinquishing samples to TestAmerica, client agrees to pay for the services requested on this chain of custody form and any additional analyses performed on this project. Payment for services is due within 30 days from the date of invoice. Sample(s) will be disposed of after 30 days.

$199

APPENDIX D
WASTE DISPOSAL AND RECYCLING MANIFESTS

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
CA0028252269		909-949-0350	007880605 JJK

5. Generator's Name and Mailing Address
STAR LINCOLN MERCURY
901 S BRAND BLVD
GLENDALE, CA 91204

Generator's Site Address (if different than mailing address)

Generator's Phone: 818-247-1903

6. Transporter 1 Company Name: D&S TRUCKING #67 — U.S. EPA ID Number: CAR000045443

7. Transporter 2 Company Name — U.S. EPA ID Number

8. Designated Facility Name and Site Address
BUTTERFIELD STATION LANDFILL
40404 S. 99TH AVENUE
MOBILE, AZ 85239

U.S. EPA ID Number: AZ0963481813

Facility's Phone: 602-256-0630

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
	1. NON-RCRA HAZARDOUS SOLID ([illegible])	1	DT	1[illegible]	[illegible]	1[illegible]	352	
	2.							
	3.							
	4.							

14. Special Handling Instructions and Additional Information
PROFILE #102840AZ
PLEASE WEAR PROPER PERSONAL PROTECTIVE EQUIPMENT WHEN HANDLING
EMERGENCY CONTACT: BRAD VERNACI (951) 830-9121

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: [illegible] — Signature — Month Day Year

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: JOSE S RON — Signature: [signature] — Month Day Year: 03 07 11
Transporter 2 Printed/Typed Name — Signature — Month Day Year

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
18b. Alternate Facility (or Generator) — U.S. EPA ID Number
Facility's Phone:
18c. Signature of Alternate Facility (or Generator) — Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name — Signature — Month Day Year

GENERATOR / INT'L / TRANSPORTER / DESIGNATED FACILITY

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number CAD028682689	2. Page 1 of	3. Emergency Response Phone 909-949-0369	4. Manifest Tracking Number 007880606 JJK

GENERATOR

5. Generator's Name and Mailing Address
STAR LINCOLN MERCURY
901 S BRAND BLVD
GLENDALE, CA 91204

Generator's Site Address (if different than mailing address)

Generator's Phone: 818-247-1903

6. Transporter 1 Company Name: [illegible]

U.S. EPA ID Number: CAD983616202

7. Transporter 2 Company Name:

U.S. EPA ID Number:

8. Designated Facility Name and Site Address
BUTTERFIELD STATION LANDFILL
40404 S. 99TH AVENUE
MOBILE, AZ 85239

U.S. EPA ID Number: [illegible]

Facility's Phone: 602-276-0630

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
	1. NON-RCRA HAZARDOUS SOLID (LEAD)	1	CY	15	T	851	852	
	2.							
	3.							
	4.							

14. Special Handling Instructions and Additional Information
Load # 2
PROFILE #I0284DAZ
PLEASE WEAR PROPER PERSONAL PROTECTIVE EQUIPMENT WHEN HANDLING
EMERGENCY CONTACT: BRAD VERNACI (951) 830-9121

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: [illegible] Signature: [illegible] Month: 03 Day: 07 Year: 11

INTL

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: [illegible] Signature: [illegible] Month: 03 Day: 07 Year: 11

Transporter 2 Printed/Typed Name: Signature: Month: Day: Year:

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator) U.S. EPA ID Number

Facility's Phone:

18c. Signature of Alternate Facility (or Generator) Month: Day: Year:

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name: Signature: Month: Day: Year:

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

GENERATOR'S INITIAL COPY

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: CAD026252969
2. Page 1 of
3. Emergency Response Phone: 909-949-0350
4. Manifest Tracking Number: 007880607 JJK

5. Generator's Name and Mailing Address:
STAR LINCOLN MERCURY
901 S BRAND BLVD
GLENDALE, CA 91204

Generator's Site Address (if different than mailing address)

Generator's Phone: 818-247-1903

6. Transporter 1 Company Name: Campbell & Son Trans — U.S. EPA ID Number: CAR000154435

7. Transporter 2 Company Name — U.S. EPA ID Number

8. Designated Facility Name and Site Address:
BUTTERFIELD STATION LANDFILL
40404 S 99TH AVENUE
MOBILE, AZ 85239

U.S. EPA ID Number: [illegible]813

Facility's Phone: 602-256-0630

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	1. NON-RCRA HAZARDOUS SOLID WASTE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
PROFILE #102840AZ
PLEASE WEAR PROPER PERSONAL PROTECTIVE EQUIPMENT WHEN HANDLING
EMERGENCY CONTACT BRAD VERNACI (951) 830-9121

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: [illegible] — Signature: [illegible] — Month / Day / Year: [illegible]

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Miles Campbell — Signature: [signature] — Month 3 Day 7 Year 011
Transporter 2 Printed/Typed Name — Signature — Month / Day / Year

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
18b. Alternate Facility (or Generator) — U.S. EPA ID Number
Facility's Phone:
18c. Signature of Alternate Facility (or Generator) — Month / Day / Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. 2. 3. 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name — Signature — Month / Day / Year

GENERATOR — INT'L — TRANSPORTER — DESIGNATED FACILITY

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

GENERATOR'S INITIAL COPY

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: CAD028252989
2. Page 1 of
3. Emergency Response Phone: 909-949-0350
4. Manifest Tracking Number: 007880608 JJK

5. Generator's Name and Mailing Address:
STAR LINCOLN MERCURY
901 S. BRAND BLVD
GLENDALE, CA 91204

Generator's Site Address (if different than mailing address):

Generator's Phone: 818-247-1903

6. Transporter 1 Company Name: P. VALDEZ — U.S. EPA ID Number: CAR000182816

7. Transporter 2 Company Name: — U.S. EPA ID Number:

8. Designated Facility Name and Site Address:
SUTTERFIELD STATION LANDFILL
40404 S 99TH AVENUE
MOBILE, AZ 85239

U.S. EPA ID Number: AZ0983461813

Facility's Phone: 602-255-0530

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
	1. NON-RCRA HAZARDOUS SOLID (LEAD)	1	07	16	Y	181	352	
	2.							
	3.							
	4.							

14. Special Handling Instructions and Additional Information
PROFILE #102840AZ
PLEASE WEAR PROPER PERSONAL PROTECTIVE EQUIPMENT WHEN HANDLING
EMERGENCY CONTACT: BRAD VERNACI (951) 830-9121
Load #4

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: [illegible] Leasing Development [illegible] — Signature: [illegible] — Month / Day / Year: [illegible]

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Pedro Valdez — Signature: Pedro Valdez — Month 3 Day 7 Year 11
Transporter 2 Printed/Typed Name: — Signature: — Month 3 Day Year

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator) — U.S. EPA ID Number:

Facility's Phone:

18c. Signature of Alternate Facility (or Generator) — Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name — Signature — Month Day Year

GENERATOR / INT'L / TRANSPORTER / DESIGNATED FACILITY

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

GENERATOR'S INITIAL COPY

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
CAD982852399		909-849-8350	007880609 JJK

GENERATOR

5. Generator's Name and Mailing Address
STAR LINCOLN MERCURY
901 S. BRAND BLVD
GLENDALE, CA 91204
Generator's Phone: 818-247-1303

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name: LUCAS Logistics INC — U.S. EPA ID Number: CA2000170076

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address: BUTTERFIELD STATION LANDFILL
40404 S 99TH AVENUE
MOBILE AZ 85239
U.S. EPA ID Number: AZD983481613
Facility's Phone: 602-268-0630

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	1. NON-RCRA HAZARDOUS SOLID LEAD					
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
PROFILE #102649A2
PLEASE WEAR PROPER PERSONAL PROTECTIVE EQUIPMENT WHEN HANDLING
EMERGENCY CONTACT BRAD VERNACI (951) 830-9121
LOAD # 5

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name — Signature — Month — Day — Year

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: PABLO G. LUNA — Signature — Month: 03 — Day: 07 — Year: 11

Transporter 2 Printed/Typed Name — Signature — Month — Day — Year

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:

18b. Alternate Facility (or Generator) — U.S. EPA ID Number
Facility's Phone:

18c. Signature of Alternate Facility (or Generator) — Month — Day — Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name — Signature — Month — Day — Year

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

GENERATOR'S INITIAL COPY

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
CAD028252989		909-949-0360	007880610 JJK

5. Generator's Name and Mailing Address
STAR LINCOLN MERCURY
901 S. BRAND BLVD
GLENDALE CA 91204

Generator's Site Address (if different than mailing address)

Generator's Phone: 818-247-1903

6. Transporter 1 Company Name Bradley Tanks — U.S. EPA ID Number: CAL000358246

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address
BUTTERFIELD STATION LANDFILL
40404 S 99TH AVENUE
MOBILE, AZ 85239

U.S. EPA ID Number: AZC983461813

Facility's Phone: 602-256-0530

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
	1. NON-RCRA HAZARDOUS SOLID (LEAD)	1	DT	10	Y	181	352	
	2.							
	3.							
	4.							

14. Special Handling Instructions and Additional Information
PROFILE #102840AZ
PLEASE WEAR PROPER PERSONAL PROTECTIVE EQUIPMENT WHEN HANDLING
EMERGENCY CONTACT BRAD VERNACI (951) 830-9121

Load # 6

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: [illegible] on behalf of Ford Leasing Development Company — Signature: [illegible] — Month 3 Day 7 Year 2011

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit: ______
Transporter signature (for exports only): Date leaving U.S.:

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Juan Manuel Gutierrez — Signature: [illegible] — Month 3 Day 7 Year 11
Transporter 2 Printed/Typed Name: — Signature: — Month Day Year

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator) — U.S. EPA ID Number:

Facility's Phone:

18c. Signature of Alternate Facility (or Generator) — Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. 2. 3. 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name — Signature — Month Day Year

GENERATOR — INT'L — TRANSPORTER — DESIGNATED FACILITY

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

GENERATOR'S INITIAL COPY

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
CAD028252969		909-949-0369	007880611 JJK

GENERATOR

5. Generator's Name and Mailing Address
STAR LINCOLN MERCURY
901 S. BRAND BLVD
GLENDALE, CA 91204

Generator's Site Address (if different than mailing address)

Generator's Phone: 818-247-1503

6. Transporter 1 Company Name: ARAIZA TRUCK LLC — U.S. EPA ID Number: CAR000183491

7. Transporter 2 Company Name — U.S. EPA ID Number

8. Designated Facility Name and Site Address: BUTTERFIELD STATION LANDFILL
40404 S 99TH AVENUE
MOBILE, AZ 85239 — U.S. EPA ID Number: AZD983481813

Facility's Phone: 602-296-0630

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
	1. NON-RCRA HAZARDOUS SOLID LEAD	1						
	2.							
	3.							
	4.							

14. Special Handling Instructions and Additional Information
PROFILE #162840AZ
PLEASE WEAR PROPER PERSONAL PROTECTIVE EQUIPMENT WHEN HANDLING
EMERGENCY CONTACT: BRAD VERNACI (951) 830-9121
Load 4 of 7

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Kristina Burns on behalf of Ford Leasing Development Company — Signature: Kristina Burns — Month: 03 Day: 07 Year: 2011

INT'L

16. International Shipments: ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name	Signature	Month	Day	Year
HERIBERTO ARAIZA		3	7	11
Transporter 2 Printed/Typed Name	Signature	Month	Day	Year

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:

18b. Alternate Facility (or Generator) — U.S. EPA ID Number
Facility's Phone:

18c. Signature of Alternate Facility (or Generator) — Month: Day: Year:

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name	Signature	Month	Day	Year

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

GENERATOR'S INITIAL COPY

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: CAD028282989

2. Page 1 of

3. Emergency Response Phone: [illegible]

4. Manifest Tracking Number: 007880612 JJK

5. Generator's Name and Mailing Address:
STAR LINCOLN MERCURY
901 S. GRAND BLVD
GLENDALE, CA 91204

Generator's Site Address (if different than mailing address)

Generator's Phone: 818-247-1903

6. Transporter 1 Company Name: GTZ Trucking — U.S. EPA ID Number: CAR000214578

7. Transporter 2 Company Name — U.S. EPA ID Number

8. Designated Facility Name and Site Address:
BUTTERFIELD STATION LANDFILL
40404 S. 99TH AVENUE
MOBILE, AZ 85239

U.S. EPA ID Number: AZD983481813

Facility's Phone: 602-256-0630

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
	1. NON-RCRA HAZARDOUS SOLID (LEAD)	1	DT	18	Y	181	352	
	2.							
	3.							
	4.							

14. Special Handling Instructions and Additional Information
PROFILE #102840AZ
PLEASE WEAR PROPER PERSONAL PROTECTIVE EQUIPMENT WHEN HANDLING
EMERGENCY CONTACT: BRAD VERNACI (951) 830-9121
Loading

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: [illegible] on behalf of [illegible] | Signature: [illegible] | Month 3 Day 7 Year [illegible]

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Gabriel Gutierrez | Signature: [illegible] | Month 3 Day 7 Year 11
Transporter 2 Printed/Typed Name | Signature | Month Day Year

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
18b. Alternate Facility (or Generator) U.S. EPA ID Number
Facility's Phone:
18c. Signature of Alternate Facility (or Generator) Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. 2. 3. 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name | Signature | Month Day Year

GENERATOR | INT'L | TRANSPORTER | DESIGNATED FACILITY

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

GENERATOR'S INITIAL COPY

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number CAD028282989	2. Page 1 of	3. Emergency Response Phone 909-949-0360	4. Manifest Tracking Number 007880613 JJK

GENERATOR

5. Generator's Name and Mailing Address
STAR LINCOLN MERCURY
901 S. BRAND BLVD
GLENDALE, CA 91204

Generator's Site Address (if different than mailing address)

Generator's Phone: 818-247-1903

6. Transporter 1 Company Name

U.S. EPA ID Number

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address
BUTTERFIELD STATION LANDFILL
4040A S 99TH AVENUE
MOBILE, AZ 85239

U.S. EPA ID Number AZD983481813

Facility's Phone: 602-276-5939

9a. HM	9b. U.S. DOT Description (Including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
	1. NON RCRA HAZARDOUS SOLID WASTE							
	2.							
	3.							
	4.							

14. Special Handling Instructions and Additional Information
PROFILE #102840AZ
PLEASE WEAR PROPER PERSONAL PROTECTIVE EQUIPMENT WHEN HANDLING
EMERGENCY CONTACT BRAD VERNACI (951) 830-9121

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name | Signature | Month | Day | Year

INTL

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name | Signature | Month 5 | Day | Year

Transporter 2 Printed/Typed Name | Signature | Month | Day | Year

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator) U.S. EPA ID Number

Facility's Phone:

18c. Signature of Alternate Facility (or Generator) | Month | Day | Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name | Signature | Month | Day | Year

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

GENERATOR'S INITIAL COPY

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
CAD028252999		909-849-0300	007880614 JJK

GENERATOR

5. Generator's Name and Mailing Address
STAR LINCOLN MERCURY
901 S. GRAND BLVD
GLENDALE, CA. 91204
Generator's Phone: 818-247-1933

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name: Robert M Trush — U.S. EPA ID Number: CAR000154095

7. Transporter 2 Company Name — U.S. EPA ID Number

8. Designated Facility Name and Site Address
BLYTHERFIELD STATION LANDFILL
40404 S 55TH AVENUE
MOBILE, AZ 85239
Facility's Phone: 602-256-0630
U.S. EPA ID Number: AZD983481813

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
	1. NON-RCRA HAZARDOUS SOLID (LEAD)	1	DF	10	T	161	352	
	2.							
	3.							
	4.							

14. Special Handling Instructions and Additional Information
PROFILE #030040AZ
PLEASE WEAR PROPER PERSONAL PROTECTIVE EQUIPMENT WHEN HANDLING
EMERGENCY CONTACT: BRAD VERNACI (951) 830-9121
Load # 10

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name — Signature — Month — Day — Year

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name — Signature — Month — Day — Year

Transporter 2 Printed/Typed Name — Signature — Month — Day — Year

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

18c. Signature of Alternate Facility (or Generator) — Month — Day — Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name — Signature — Month — Day — Year

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

GENERATOR'S INITIAL COPY

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
CAD028252999		[illegible]	00788061 5 JJK

GENERATOR

5. Generator's Name and Mailing Address
STAR LINCOLN MERCURY
901 S. BRAND BLVD
GLENDALE, CA 91204
Generator's Phone: 818-247-1903

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name — U.S. EPA ID Number

7. Transporter 2 Company Name — U.S. EPA ID Number

8. Designated Facility Name and Site Address
BUTTERFIELD STATION LANDFILL
40404 S. 99TH AVENUE
MOBILE, AZ 85232
Facility's Phone: 602-256-0630

U.S. EPA ID Number: AZD982481813

9a. HM	9b. U.S. DOT Description (Including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	1. NONREGULATED HAZARDOUS WASTE LIQUID					
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
PROFILE 91033402
PLEASE WEAR PROPER PERSONAL PROTECTIVE EQUIPMENT WHEN HANDLING
EMERGENCY CONTACT: BRAD VERNACI (951) 850-9121

Lead 32 11

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name — Signature — Month — Day — Year

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name — Signature — Month — Day — Year

Transporter 2 Printed/Typed Name — Signature — Month — Day — Year

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

18c. Signature of Alternate Facility (or Generator) — Month — Day — Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name — Signature — Month — Day — Year

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

GENERATOR'S INITIAL COPY

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: CAD028252859
2. Page 1 of
3. Emergency Response Phone: 909-949-0380
4. Manifest Tracking Number: 007880616 JJK

GENERATOR

5. Generator's Name and Mailing Address
STAR LINCOLN MERCURY
901 S. BRAND BLVD
GLENDALE CA 91204
Generator's Phone: 818-247-1903

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name: R J L. Trucking
U.S. EPA ID Number: CAR000215814

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address: BUTTERFIELD STATION LANDFILL
40404 S 99TH AVENUE
MOBILE AZ 85353
U.S. EPA ID Number: AZD983481613
Facility's Phone: 602-255-0330

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
	1. NON-RCRA HAZARDOUS SOLID (LEAD)	1	07	18		181	352	
	2.							
	3.							
	4.							

14. Special Handling Instructions and Additional Information
PROFILE #102840AZ
PLEASE WEAR PROPER PERSONAL PROTECTIVE EQUIPMENT WHEN HANDLING
EMERGENCY CONTACT: BRAD VERNACI (951) 830-9121
Load # 12

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name | Signature | Month | Day | Year

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Victor J Lopez | Signature | Month: 03 | Day: 28 | Year: 10

Transporter 2 Printed/Typed Name | Signature | Month | Day | Year

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator) | U.S. EPA ID Number
Facility's Phone:

18c. Signature of Alternate Facility (or Generator) | Month | Day | Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name | Signature | Month | Day | Year

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number CAD028252989	2. Page 1 of	3. Emergency Response Phone [illegible]	4. Manifest Tracking Number 007880617 JJK

GENERATOR

5. Generator's Name and Mailing Address
STAR LINCOLN MERCURY
901 S. BRAND BLVD
GLENDALE, CA 91204

Generator's Site Address (if different than mailing address)

Generator's Phone: 818-247-1903

6. Transporter 1 Company Name: Cejo Trucking — U.S. EPA ID Number: CAR000173711

7. Transporter 2 Company Name — U.S. EPA ID Number

8. Designated Facility Name and Site Address
BUTTERFIELD STATION LANDFILL
40404 S. 99TH AVENUE
MOBILE, AZ 85239
U.S. EPA ID Number: [illegible]

Facility's Phone: 602-255-9630

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	1. NON-RCRA HAZARDOUS SOLID (LEAD)	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
PROFILE #102840A2
PLEASE WEAR PROPER PERSONAL PROTECTIVE EQUIPMENT WHEN HANDLING
EMERGENCY CONTACT BRAD VERNACI (951) 830-9121
Load # 13

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: [illegible] — Signature: [illegible] — Month / Day / Year: [illegible]

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Joel Cejo — Signature: [signature] — Month 03 Day 17 Year 11
Transporter 2 Printed/Typed Name — Signature — Month Day Year

DESIGNATED FACILITY

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
18b. Alternate Facility (or Generator) — U.S. EPA ID Number
Facility's Phone:
18c. Signature of Alternate Facility (or Generator) — Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name — Signature — Month Day Year

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

GENERATOR'S INITIAL COPY

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: CAD[illegible]
2. Page 1 of
3. Emergency Response Phone: [illegible]
4. Manifest Tracking Number: **007880618 JJK**

5. Generator's Name and Mailing Address
STAR LINCOLN MERCURY
901 S. BRAND BLVD
GLENDALE, CA 91204
Generator's Phone: 818-247-1903

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name

U.S. EPA ID Number

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address
BUTTERFIELD STATION LANDFILL
40404 S 99TH AVENUE
MOBILE, AZ 85239
Facility's Phone: 602-256-0630

U.S. EPA ID Number [illegible]

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
	1. NON-RCRA HAZARDOUS SOLID WASTE	1	DM	10	Y	D99	023	
	2.							
	3.							
	4.							

14. Special Handling Instructions and Additional Information
PROFILE #102840AZ
PLEASE WEAR PROPER PERSONAL PROTECTIVE EQUIPMENT WHEN HANDLING
EMERGENCY CONTACT: BRAD VERNACI (951) 850-9121

Level D

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name [illegible] Signature [illegible] Month Day Year

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name [illegible] Signature [illegible] Month Day Year

Transporter 2 Printed/Typed Name Signature Month Day Year

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator) U.S. EPA ID Number

Facility's Phone:

18c. Signature of Alternate Facility (or Generator) Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in item 18a

Printed/Typed Name Signature Month Day Year

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

GENERATOR'S INITIAL COPY

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
CAD008262989		909-949-0360	007880619 JJK

GENERATOR

5. Generator's Name and Mailing Address
STAR LINCOLN MERCURY
901 S. BRAND BLVD
GLENDALE, CA 91204

Generator's Site Address (if different than mailing address)

Generator's Phone: 818-247-1903

6. Transporter 1 Company Name: Sanchez Trucking — U.S. EPA ID Number: TXR120000158 80

7. Transporter 2 Company Name — U.S. EPA ID Number

8. Designated Facility Name and Site Address: BUTTERFIELD STATION LANDFILL
40404 S 99TH AVENUE
MOBILE AZ 85239 — U.S. EPA ID Number: AZD983481813

Facility's Phone: 602-386-0630

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	1. NON-RCRA [illegible]					
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
PROFILE #02840AZ
PLEASE WEAR PROPER PERSONAL PROTECTIVE EQUIPMENT WHEN HANDLING
EMERGENCY CONTACT: BRAD VERNACI (951) 830-9121
LOAD # 15

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
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Generator's/Offeror's Printed/Typed Name — Signature — Month — Day — Year

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Sanchez — Signature — Month: 3 — Day: 15 — Year: 11

Transporter 2 Printed/Typed Name — Signature — Month — Day — Year

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

18c. Signature of Alternate Facility (or Generator) — Month — Day — Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name — Signature — Month — Day — Year

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: CAD028262989
2. Page 1 of
3. Emergency Response Phone: 909-949-0350
4. Manifest Tracking Number: 007880620 JJK

5. Generator's Name and Mailing Address:
STAR LINCOLN MERCURY
901 S. BRAND BLVD
GLENDALE, CA 91204

Generator's Site Address (if different than mailing address)

Generator's Phone: 818-247-1903

6. Transporter 1 Company Name: [illegible] Trucking
U.S. EPA ID Number: [illegible]

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address:
BUTTERFIELD STATION LANDFILL
40404 S. 99TH AVENUE
MOBILE, AZ 85239

U.S. EPA ID Number: AZD963481813

Facility's Phone: 602-256-0530

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
	1. NON-RCRA HAZARDOUS SOLID (LEAD)	1	DT	10	Y	181	352	
	2.							
	3.							
	4.							

14. Special Handling Instructions and Additional Information
PROFILE #102840AZ
PLEASE WEAR PROPER PERSONAL PROTECTIVE EQUIPMENT WHEN HANDLING
EMERGENCY CONTACT: BRAD VERNACI (951) 830-9121
[illegible] # [illegible]

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name | Signature | Month | Day | Year: [illegible] | [illegible] | 2011

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: [illegible] | Signature: [illegible] | Month | Day | Year: 3 | 8 | 11
Transporter 2 Printed/Typed Name | Signature | Month | Day | Year

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
18b. Alternate Facility (or Generator) U.S. EPA ID Number
Facility's Phone:
18c. Signature of Alternate Facility (or Generator) Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. 2. 3. 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name | Signature | Month | Day | Year

GENERATOR · INT'L · TRANSPORTER · DESIGNATED FACILITY

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number CAD028252989	2. Page 1 of	3. Emergency Response Phone [illegible]	4. Manifest Tracking Number 007880621 JJK

GENERATOR

5. Generator's Name and Mailing Address
STAR LINCOLN MERCURY
901 S BRAND BLVD
GLENDALE, CA 91204

Generator's Site Address (if different than mailing address)

Generator's Phone: 818-247-1903

6. Transporter 1 Company Name: H. Rodriguez transportation — U.S. EPA ID Number: [illegible]

7. Transporter 2 Company Name — U.S. EPA ID Number

8. Designated Facility Name and Site Address
BUTTERFIELD STATION LANDFILL
40404 S 99TH AVENUE
MOBILE, AZ 85239

U.S. EPA ID Number: [illegible]

Facility's Phone: 602-256-3630

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	1. NON-RCRA HAZARDOUS SOLID (LEAD)	1	[illegible]	[illegible]	[illegible]	[illegible]
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
PROFILE #02840AZ
PLEASE WEAR PROPER PERSONAL PROTECTIVE EQUIPMENT WHEN HANDLING
EMERGENCY CONTACT: BRAD VERNACI (951) 830-9121

LOAD # 17

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: [illegible] — Signature: [illegible] — Month / Day / Year: [illegible]

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: [illegible] — Signature: [illegible] — Month / Day / Year: 3 [illegible]
Transporter 2 Printed/Typed Name — Signature — Month / Day / Year

DESIGNATED FACILITY

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

18c. Signature of Alternate Facility (or Generator) — Month / Day / Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name — Signature — Month / Day / Year

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
CAD008362989		909-949-0360	007880622 JJK

GENERATOR

5. Generator's Name and Mailing Address
STAR LINCOLN MERCURY
501 S BRAND BLVD
GLENDALE, CA 91204
Generator's Phone: 818-507-1503

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name — U.S. EPA ID Number

7. Transporter 2 Company Name — U.S. EPA ID Number

8. Designated Facility Name and Site Address
BUTTERFIELD STATION LANDFILL
40404 S 95TH AVENUE
MOBILE, AZ 85339
Facility's Phone: 909-386-0530

U.S. EPA ID Number

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
	1. NON-RCRA HAZARDOUS SOLID (LEAD)	1	DF	10	Y	181	972	
	2.							
	3.							
	4.							

14. Special Handling Instructions and Additional Information
PROFILE #02940A2
PLEASE WEAR PROPER PERSONAL PROTECTIVE EQUIPMENT WHEN HANDLING
EMERGENCY CONTACT BRAD VERNACI (951) 850-9121
LOAD # 15

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
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Generator's/Offeror's Printed/Typed Name — Signature — Month — Day — Year

INTL

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name — Signature — Month — Day — Year

Transporter 2 Printed/Typed Name — Signature — Month — Day — Year

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

18c. Signature of Alternate Facility (or Generator) — Month — Day — Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name — Signature — Month — Day — Year

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Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
	CAD028362589		909-948-0362	007880623 JJK

GENERATOR

5. Generator's Name and Mailing Address
STAR LINCOLN MERCURY
901 S. BRAND BLVD
GLENDALE, CA 91204

Generator's Site Address (if different than mailing address)

Generator's Phone: 818-247-1905

6. Transporter 1 Company Name

U.S. EPA ID Number

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address
BUTTERFIELD STATION LANDFILL
40404 S 99TH AVENUE
MOBILE, AZ 85239

U.S. EPA ID Number

Facility's Phone: 602-256-0630

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
	1. [illegible] HAZARDOUS SOLID (LEAD						002	
	2.							
	3.							
	4.							

14. Special Handling Instructions and Additional Information
PROFILE #102840A2
PLEASE WEAR PROPER PERSONAL PROTECTIVE EQUIPMENT WHEN HANDLING
EMERGENCY CONTACT BRAD VERNACI (951) 830-9121

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
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Generator's/Offeror's Printed/Typed Name | Signature | Month | Day | Year

INTL

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name | Signature | Month | Day | Year

Transporter 2 Printed/Typed Name | Signature | Month | Day | Year

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator) U.S. EPA ID Number

Facility's Phone:

18c. Signature of Alternate Facility (or Generator) | Month | Day | Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in item 18a

Printed/Typed Name | Signature | Month | Day | Year

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UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: CAD 0 2 8 2 5 . 0 3 0
2. Page 1 of 1
3. Emergency Response Phone: NRCES 562 432 1304
4. Manifest Tracking Number: 008129100 JJK

5. Generator's Name and Mailing Address: Star Lincoln Mercury, 901 S Brand Ave, Glendale CA 91204 — Att: Gary Bussjaeger
Generator's Site Address (if different than mailing address):
Generator's Phone: 818 ...

6. Transporter 1 Company Name: NRC Environmental Services, Inc — U.S. EPA ID Number: CAR 0 0 0 0 . 0 . 1 . .

7. Transporter 2 Company Name: — U.S. EPA ID Number:

8. Designated Facility Name and Site Address: Veolia ES Technical Solutions, LLC, 1704 West First Street, Azusa CA 91702 — U.S. EPA ID Number: CAD 0 0 8 3 0 2 6 0 3
Facility's Phone: 626 3345117

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	1. Non-RCRA hazardous waste liquid (motor oil)	0 0 4	DM	00100	G	221
	2. Non-RCRA hazardous waste liquid (hydraulic oil)	0 0 4	DM	00180	G	221
	3.					
	4.					

14. Special Handling Instructions and Additional Information:
Bill to NRCES Long Beach Profile#9 1-184560
JOB#55571 PO#424505 #9 2-184567

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
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Generator's/Offeror's Printed/Typed Name: [illegible] — Signature: [illegible] — Month 3 Day 7 Year 11

INT'L 16. International Shipments: ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER 17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: [illegible] — Signature: [illegible] — Month 3 Day 7 Year 11
Transporter 2 Printed/Typed Name: — Signature: — Month Day Year

DESIGNATED FACILITY
18. Discrepancy
18a. Discrepancy Indication Space: ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
18b. Alternate Facility (or Generator) — U.S. EPA ID Number:
Facility's Phone:
18c. Signature of Alternate Facility (or Generator) — Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. 2. 3. 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name: — Signature: — Month Day Year

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

GENERATOR'S INITIAL COPY

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
C A D 0 2 8 2 5 2 9 8 8	1	NRCES 562.432 1304	008129109 JJK

GENERATOR

5. Generator's Name and Mailing Address
Sizir Lincoln Mercury
901 S Brand Ave
Glendale CA 91204
Generator's Phone: 6 1 8 2 4 7 1 9 0 3

Att: Gary Bussjaeger

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name
NRC Environmental Services, Inc

U.S. EPA ID Number
C A R 0 0 0 0 3 0 1 1 4

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address
Veolia ES Technical Solutions, LLC
1704 West First Street
Azusa CA 91702
Facility's Phone: 626 3345117

U.S. EPA ID Number
C A D 0 0 8 3 0 2 9 0 3

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	1. Non-RCRA hazardous waste solid (soil contaminated with oil)	12	DM	4200	P	221 223
	2. Non-RCRA hazardous waste liquid (hydraulic oil)	1	DM	46 ~~300~~	G	221
	3.					
	4.					

14. Special Handling Instructions and Additional Information
Bill to NRCES Long Beach Profile#9 1-
JOB#55571 PO#424505 $9.2-184567

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Generator's/Offeror's Printed/Typed Name | Signature | Month | Day | Year

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Eduardo Ramirez | Signature | Month: 3 | Day: 16 | Year: 11

Transporter 2 Printed/Typed Name | Signature | Month | Day | Year

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator) U.S. EPA ID Number

Facility's Phone:

18c. Signature of Alternate Facility (or Generator) Month | Day | Year

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1.	2.	3.	4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name | Signature | Month | Day | Year

APPENDIX E
GEOPHYSICAL SURVEY

GEOPHYSICAL EVALUATION
901 SOUTH BRAND BOULEVARD
GLENDALE, CALIFORNIA

PREPARED FOR:
Golder Associates, Inc.
230 Commerce, Suite 200
Irvine, CA 92602

PREPARED BY:
Southwest Geophysics, Inc.
8057 Raytheon Road, Suite 9
San Diego, CA 92111

January 27, 2011
Project No. 111007

SOUTHWEST GEOPHYSICS, INC.

YOUR SUBSURFACE SOLUTION

January 27, 2011
Project No. 111007

Ms. Misty Vazquez
Golder Associates, Inc.
230 Commerce, Suite 200
Irvine, CA 92602

Subject: Geophysical Evaluation
901 South Brand Boulevard
Glendale, California

Dear Ms. Vazquez:

In accordance with your authorization, we are pleased to submit this data report pertaining to our geophysical evaluation for a portion of the property located at 901 South Brand Boulevard in Glendale, California. The purpose of our evaluation was to assess the presence of buried underground storage tanks (USTs) and/or backfilled excavations associated with UST removal in a portion of the site. Our services were conducted on January 5, 2011. This report presents the survey methodology, equipment used, analysis, and results from our study.

We appreciate the opportunity to be of service on this project. Should you have any questions please contact the undersigned at your convenience.

Sincerely,
SOUTHWEST GEOPHYSICS, INC.

Patrick F. Lehrmann, P.G., R.Gp.
Principal Geologist/Geophysicist

Hans van de Vrugt, C.E.G., R.Gp.
Principal Geologist/Geophysicist

PFL/HV/hv

Distribution: Addressee (Electronic)

REGISTERED GEOPHYSICIST
Hans van de Vrugt
No 1012
Exp. 2/29/12
STATE OF CALIFORNIA

8057 Raytheon Road, Suite 9 • San Diego • California 92111 • Telephone 858-527-0849 • Fax 858-225-0114

TABLE OF CONTENTS

1. INTRODUCTION

In accordance with your authorization, we are pleased to submit this data report pertaining to our geophysical evaluation for a portion of the property located at 901 South Brand Boulevard in Glendale, California. The purpose of our evaluation was to assess the presence of buried underground storage tanks (USTs) and/or backfilled excavations associated with UST removal in a portion of the site. Our services were conducted on January 5, 2011. This report presents the survey methodology, equipment used, analysis, and results from our study.

2. SCOPE OF SERVICES

Our scope of services included:

- Performance of a geophysical survey at the subject site. Our survey included the use of a Schonstedt GA-52 magnetic gradiometer, Geonics model EM61 time domain instrument, Fisher M-Scope TW-6 pipe and cable locator, RD4000 line tracer, and GSSI SIR 3000 ground penetrating radar (GPR) unit using a 400 MHz transducer.
- Site reconnaissance including field mapping of surface structures at and near the survey area.
- Compilation and analysis of the data collected.
- Preparation of this report presenting our findings, conclusions and recommendations.

3. SITE AND PROJECT DESCRIPTION

The subject property is located on the west side of South Brand Boulevard just south of West Garfield Avenue in Glendale, California (Figure 1). The site is a former auto dealership with sales lots, a sales office, and a service building. The ground is paved predominantly with asphalt; however, a few concrete patches, an apron, a swale, and a ramp are present onsite. Figures 2 and 3 depict the general site conditions. The primary study area included the lot east of the service building. The specific limits of the survey area were delineated by a representative from your office.

Based on our discussions with you, it is our understanding that USTs may have once occupied the site. Details regarding the specific location of tanks reportedly are not available.

4. GEOPHYSICAL INSTRUMENTATION AND APPLICATIONS

Our evaluation included the use of a Geonics model EM61, GSSI SIR 3000 GPR, Schonstedt, model GA-52C magnetic gradiometer, Fisher M-Scope TW-6 pipe and cable locator, and RD4000 line tracer. These instruments provide real-time results and facilitate the delineation of subsurface features.

The EM61 instrument is a high resolution, time-domain device for detecting buried conductive objects. It consists of a powerful transmitter that generates a pulsed primary magnetic field when its coils are energized, which induces eddy currents in nearby conductive objects. The decay of the eddy currents, following the input pulse, is measured by the coils, which in turn serve as receiver coils. The decay rate is measured for two coils, mounted concentrically, one above the other. By making the measurements at a relatively long time interval (measured in milliseconds) after termination of the primary pulse, the response is nearly independent of the electrical conductivity of the ground. Thus, the instrument is a super-sensitive metal detector. Due to its unique coil arrangement, the response curve is a single well-defined positive peak directly over a buried conductive object. This facilitates quick and accurate location of targets. Conductive objects to a depth of approximately 11 feet generally can be detected.

The GPR instrument beams energy into the ground from its transducer/antenna, in the form of electromagnetic waves. A portion of this energy is reflected back to the antenna at boundaries in the subsurface across which there are an electrical contrast. The recorder continuously makes a record of the reflected energy as the antenna is moved across the ground surface. The greater the electrical contrast, the higher the amplitude of the returned energy. The EM wave travels at a velocity unique to the material properties of the ground being studied, and when these velocities are known, or closely estimated from ground conductivity values and other information, two-way travel times can be converted to depth. Penetration into the ground and resolution of the GPR images produced are a function of ground electrical conductivity and dielectric constant. Images tend to be graphic, even at considerable depth, in sandy soils, but penetration and resolution may be limited in more conductive clayey moist ground.

The magnetic gradiometer has two fluxgate magnetic fixed sensors that are passed closely to and over the ground. When not in close proximity to a magnetic object, that is, only in the earth's field, the instrument emits an audible signal at a low frequency. When the instrument passes over buried iron or steel objects, so that the field is significantly different at the two sensors, the frequency of the emitted sound increases. Frequency is a function of the gradient between the two sensors.

The M-Scope TW-6 device energizes the ground by producing an alternating primary magnetic field with alternating current (AC) in the transmitting coil. If conducting materials are within the area of influence of the primary field, AC eddy currents are induced to flow in the conductors. A receiving coil senses the secondary magnetic field produced by these eddy currents, and outputs an audio response. The strength of the secondary field is a function of the conductivity of the object, say a pipe, tank or cluster of drums, its size, and its depth and position relative to the instrument's two coils. Conductive objects to a depth of approximately 10 feet are sensed. Also the device is somewhat focused, that is, it is more sensitive to conductors below (and above) the instrument, than to conductors off to the side.

Where risers are present, the RD4000 utility locator transmitter can be connected to the object, and a current is impressed on the conductor pipe or cable. The receiver unit is tuned to this same frequency, and it is used to trace the pipe's surface projection away from the riser. In addition, the instrument may be used in the passive mode, whereby radio and 60 Hz electromagnetic signals produced by communication and live electric lines are detected.

5. SURVEY METHODOLOGY

To expedite data collection, EM61 data were collected in conjunction with a Trimble Pro XRS Global Positioning System (GPS) for spatial control. EM61 data points were collected at 1 second intervals along grid lines spaced roughly 5 feet apart in the paved parking areas. GPR traversing was also performed along north to south and east to west profiles spaced approximately 5 feet apart and along random profiles across and near potential EM anomalies. Traverses with the magnetic gradiometer and M-Scope were also conducted along traverses spaced approximately 5 to 10 feet apart in accessible areas on site.

Recorded EM61 data were downloaded to a portable computer in the field for preliminary analysis and then plotted on a site map (Figure 2). Detected anomalies were mapped with GPS and marked on the ground surface with paint.

6. RESULTS, CONCLUSIONS AND RECOMMENDATIONS

As previously discussed, the primary purpose of our evaluation was to assess the presence of buried underground storage tanks (USTs) and/or backfilled excavations associated with UST removal within the study area. Our survey utilized industry standard equipment (i.e., GPR, electromagnetic, and magnetic instruments) and was conducted in general accordance with current practice.

The results of our survey revealed the presence of one large and two small EM anomalies (Figures 2 and 3). These features were detected with both the magnetic gradiometer and the EM61. The two small EM anomalies are likely associated with buried metal debris. The larger EM anomaly has two unidentified lines extending toward it and is large enough in areal extent to represent a buried vault or UST; however, it is fairly small in instrument response. Based on the instrument response this feature could possibly represent a foundation remnant from a former street light. GPR across the two small EM anomalies appear to indicate small shallow features while the GPR traverses conducted across the larger EM anomaly were inconclusive.

Two possible excavations were detected with GPR in the area of the concrete patches (Figures 2 and 3). One of the possible excavations is located along the concrete apron near the south edge of the auto shop building, and the other is located in the center of the parking lot. The cause of these features is unknown.

Several additional high EM responses were noted during the EM61 survey; however, these responses appear to be related to surface objects such as fencing, sign posts, guard rails, building walls, etc. Figure 2 illustrates the location of mapped features.

In order to further assess the features described above, we recommend that more direct methods be used. Such methods may include the excavation of exploratory trenches/test pits and/or borings.

It should be noted that the presence of existing structures and surface objects (i.e., walls, signs, fencing, dirt piles, etc.) potentially limited the survey. Where obstructions were present subsurface data could not be collected. Moreover, EM/magnetic responses produced by metal surface objects can potentially obscure subsurface features. Figure 3 presents the general site conditions and some of the obstructions encountered. Additionally, radar penetration was on the order of 2 to 3 feet below the ground surface; therefore, objects below this depth would not have been detected.

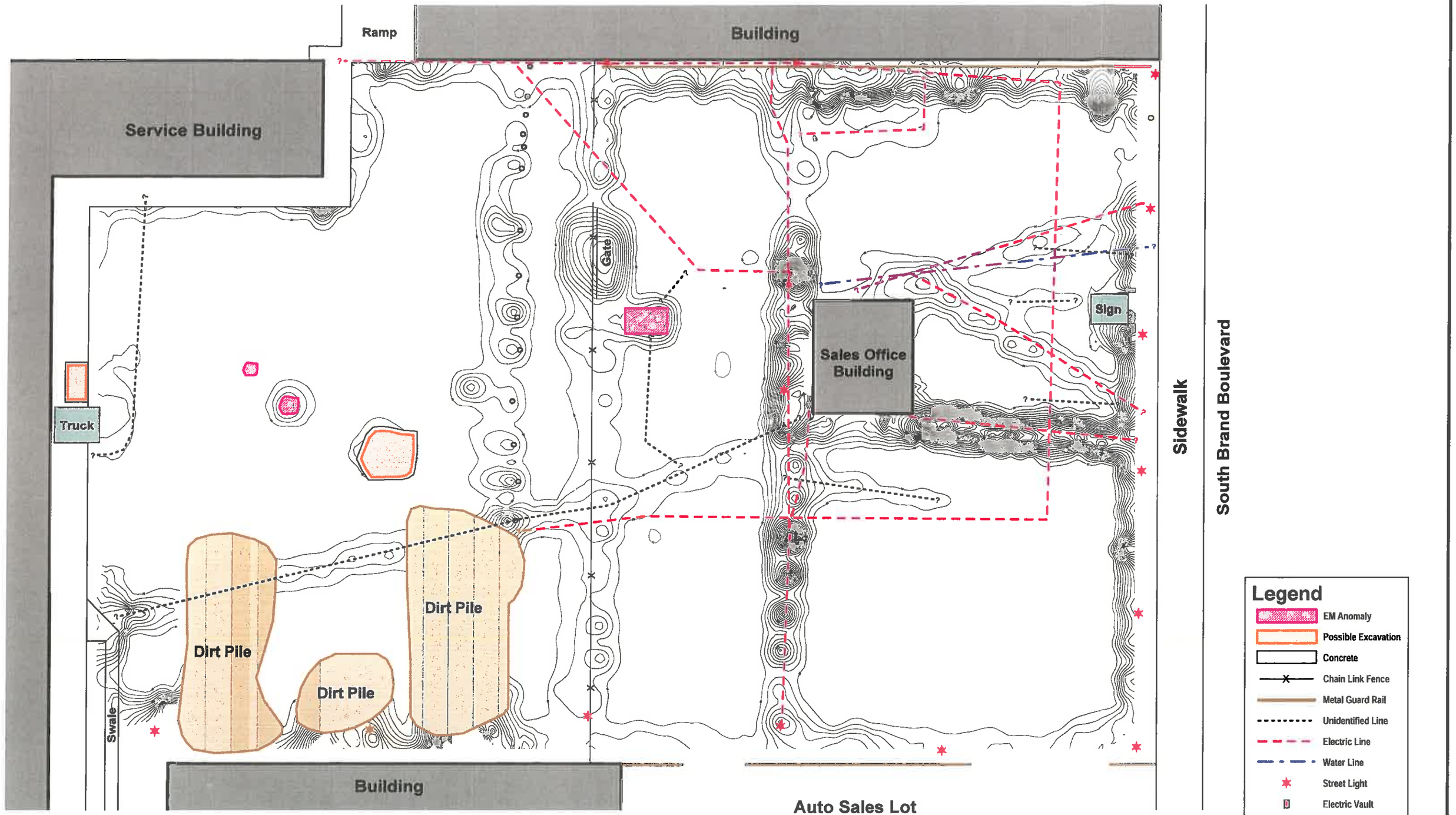
7. LIMITATIONS

The field evaluation and geophysical analyses presented in this report have been conducted in general accordance with current practice and the standard of care exercised by consultants performing similar tasks in the project area. No warranty, expressed or implied, is made regarding the conclusions and opinions presented in this report. There is no evaluation detailed enough to reveal every subsurface condition. Variations may exist and conditions not observed or described in this report may be present. Uncertainties relative to subsurface conditions can be reduced through additional subsurface surveying and/or exploration. Additional subsurface surveying can be performed upon request.

Please also note that our evaluation was limited to the detection of USTs and/or backfilled tank excavations. "USA" or "Dig Alert" should also be contacted prior to conducting subsurface exploration activities. In addition, we recommend that available utility plans/drawings of the project site be reviewed as appropriate.

This document is intended to be used only in its entirety. No portion of the document, by itself, is designed to completely represent any aspect of the project described herein. Southwest Geophysics, Inc. should be contacted if the reader requires additional information or has questions regarding the content, interpretations presented, or completeness of this document. This report is intended exclusively for use by the client. Any use or reuse of this report by parties other than the client is undertaken at said parties' sole risk.

SITE LOCATION MAP	N	901 South Brand Boulevard Glendale, California	SOUTHWEST GEOPHYSICS INC
		Project No.: 111007 / Date: 01/11	Figure 1



SITE DATA MAP

EM61 Data
CI = 100 mVolts

N

901 South Brand Boulevard
Glendale, California

Project No.: 111007 | Date: 01/11

SOUTHWEST GEOPHYSICS INC.

Figure 2