November 7, 2014

Alameda County Department of
Environmental Health
1131 Harbor Bay Parkway, 2nd Floor
Alameda, CA 94502

Attention: Mark Detterman

Subject: Report of Data Gaps Investigation
3800 San Pablo Avenue, Emeryville, California
ACDEH Fuel Leak Case: RO00002520; Global ID: T06019788682

Ladies and Gentlemen:

Attached please find a copy of the *Report of Data Gaps Investigation* prepared by Gribi Associates. I declare, under penalty of perjury, that the information and/or recommendations contained in the attached document or report is true and correct to the best of my knowledge.

Very truly yours,

William H Banker

William H. Banker, Jr.
San Pablo Avenue Venture
c/o Banker, Marks & Kirk
1720 Broadway, Suite 202
Oakland, CA 94612

REPORT OF DATA GAPS INVESTIGATION

3800 San Pablo Avenue
Emeryville, California

ACDEH Fuel Leak Case: RO00002520
Global ID: T06019788682

Prepared for:

San Pablo Avenue Venture
c/o Banker, Marks & Kirk
1721 Broadway, Suite 202
Oakland, CA 94612

Prepared by:

Gribi Associates
1090 Adams Street, Suite K
Benicia, California, 94510

November 7, 2014

GRIBI ASSOCIATES

GEOLOGIC & ENVIRONMENTAL CONSULTING SERVICES

1090 Adams Street, Suite K
Benicia, California, 94510
Phone: (707)748-7743
Fax: (707) 748-7763
www.gribiassociates.com

GRIBI
ASSOCIATES

November 7, 2014

Alameda County Department of
Environmental Health
1131 Harbor Bay Parkway, 2nd Floor
Alameda, CA 94502

Attention: Mark Detterman

Subject: Report of Data Gaps Investigation
3800 San Pablo Avenue, Emeryville, California
ACDEH Fuel Leak Case: RO00002520; Global ID: T06019788682

Ladies and Gentlemen:

Gribi Associates is pleased to submit this *Report of Data Gaps Investigation* on behalf of the site owners for the property located at 3800 San Pablo Avenue in Emeryville, California (Site). This report describes and documents: (1) The drilling and sampling of two soil borings (B-29 and B-30) on the west side of San Pablo Avenue, west of the Site groundwater hydrocarbon plume; (2) The installation and sampling of five temporary soil gas wells (SG-1 through SG-5) inside the Site building; and (3) The collection and analysis of four shallow soil samples (SS-1 through SS-4) on the east side of the Site. The goal of these investigative activities has been to address previously-identified investigative data gaps in order to move the Site towards regulatory closure.

We appreciate the opportunity to present this report for your review. Please call if you have any questions or require additional information.

Very truly yours,

Matthew A. Rosman
Project Engineer

James E. Gribi
Professional Geologist
California No. 5843

REGISTERED GEOLOGIST
JAMES E. GRIBI
No. 5843
STATE OF CALIFORNIA

MAR/JEG:ct

TABLE OF CONTENTS

APPENDICES

REPORT OF DATA GAPS INVESTIGATION

3800 SAN PABLO AVENUE
EMERYVILLE, CALIFORNIA

EXECUTIVE SUMMARY

Gribi Associates is pleased to submit this *Report of Data Gaps Investigation* on behalf of the site owners for the property located at 3800 San Pablo Avenue in Emeryville, California (Site). This report describes and documents: (1) The drilling and sampling of two soil borings (B-29 and B-30) on the west side of San Pablo Avenue, west of the Site groundwater hydrocarbon plume; (2) The installation and sampling of five temporary soil gas wells (SG-1 through SG-5) inside the Site building; and (3) The collection and analysis of four shallow soil samples (SS-1 through SS-4) on the east side of the Site. The goal of these investigative activities has been to address previously-identified investigative data gaps in order to move the Site towards regulatory closure.

Soil borings B-29 and B-30 were drilled and sampled on August 28, 2014. Temporary soil vapor wells were installed and sampled on August 28, 2014. Vapor well SG-2 was re-sampled on September 15, 2014, and vapor wells SG-2 and SG-5 were re-sampled on September 25, 2014. Shallow soil samples SS-1 through SS-4 were collected on September 15, 2014.

Results of Investigations

Soil and groundwater samples from borings B-29 and B-30 showed no detectable concentrations of hydrocarbon constituents, except for 0.72 micrograms per liter (ug/L) of Toluene in the groundwater sample from B-29. Soil samples at 2.5 feet and 5.0 feet in depth from temporary well borings SG-2 and SG-5 showed no detectable concentrations of hydrocarbon constituents. Shallow soil samples SS-1 through SS-4 showed no detectable concentrations of hydrocarbons and VOCs, and background levels of Metals. Note that the SS-2 sample showed 69 milligrams per kilogram (mg/kg) of Total Lead and 2.6 milligrams per liter (mg/L) of Soluble (STLC) Lead.

Soil vapor samples from SG-1, SG-3, and SG-4 showed no detectable concentrations of hydrocarbon constituents. Vapor samples collected at SG-2 on September 15, 2014 and September 25, 2014 showed relatively low concentrations of TPH-G, with no detectable BTEX constituents and low concentrations of Cyclohexane, Hexane, Heptane, and 1,3,4-Trimethylbenzene. The vapor sample collected from SG-5 on August 28, 2014 showed 1,700 micrograms per cubic meter (ug/m^3) OF Benzene, 5,600 ug/m^3 of Toluene, 1,200 ug/m^3 of Ethylbenzene, and 4,570 ug/m^3 of Xylenes. The two duplicate vapor samples from SG-5 collected on September 25, 2014 showed no detectable concentrations of hydrocarbon constituents. All the vapor samples showed no detectable Helium (leak detection compound) and generally high levels (greater than 10 percent) of Oxygen.

Conclusions

Soil and groundwater samples from borings B-29 and B-30 showed no significant detections of hydrocarbon constituents. Thus, the groundwater hydrocarbon plume has been defined to the west, and this data gap has been adequately addressed.

The soil gas samples from SG-1, SG-3, and SG-4 were nondetect and, hence, do not indicate a significant indoor air concern at these locations.

The soil gas samples at SG-2 showed low levels of some gasoline-range constituents, but no BTEX constituents. Also, the soil samples at 2.5 feet and 5.0 feet in depth at SG-2 showed no detectable hydrocarbons. Thus, there does not appear to be a significant indoor air concern at SG-2.

The August 28, 2014 vapor sample from SG-5 showed 1,500 ug/m^3 of Benzene, which is above the commercial indoor air soil vapor Environmental Screening Level (ESL) of 420 ug/m^3. However, the subsequent duplicate soil gas samples from SG-5 collected on September 25, 2014 showed no detectable concentrations of Benzene or other hydrocarbons, indicating that the August 28, 2014 result may have been anomalous. Also, because the SG-5 vapor samples contained greater than 4 percent oxygen and the SG-5 soil samples showed no detectable Benzene, the SG-5 location meets the Low Threat Closure vapor intrusion criteria even with a Benzene soil gas level of 1,500 ug/m^3.

Shallow soil samples SS-1 through SS-4 showed hydrocarbon and metals concentrations which meet residential land use standards. Thus, soils on the east side of the Site do not pose a significant risk for the planned commercial/residential Site redevelopment.

Planned Activities

Pursuant to our October 23, 2014 meeting with ACEH staff at ACEH offices, the ozone injection system at the Site was turned off on October 24, 2014 to allow for groundwater hydrocarbon concentration rebound, if any.

In order to assess remediation effectiveness, fourth quarter groundwater monitoring of Site groundwater monitoring wells and temporary soil gas wells will be conducted in early December 2014, and a report documenting monitoring activities and results will be submitted within three weeks following field monitoring activities. This report will also include an evaluation of Site conditions relative to the Low-Threat Closure Policy and, If warranted, request regulatory closure of this Site.

1.0 INTRODUCTION

Gribi Associates is pleased to submit this *Report of Data Gaps Investigation* on behalf of the site owners for the property located at 3800 San Pablo Avenue in Emeryville, California (Site) (see Figure 1 and Figure 2). This report describes and documents: (1) The drilling and sampling of two soil borings (B-29 and B-30) on the west side of San Pablo Avenue, west of the Site groundwater hydrocarbon plume; (2) The installation and sampling of five temporary soil gas wells (SG-1 through SG-5) inside the Site building; and (3) The collection and analysis of four shallow soil samples (SS-1 through SS-4) on the east side of the Site. The goal of these investigative activities has been to address previously-identified investigative data gaps in order to move the Site towards regulatory closure.

All Site activities were conducted in accordance with the procedures set forth in prior approved workplans and with applicable regulatory guidelines and statutes.

1.1 Scope of Work

Gribi Associates was contracted by the property owners to conduct the following scope of work:

Task 1: Conduct pre-field activities.
Task 2: Conduct offsite soil and groundwater sampling activities
Task 3: Conduct installation and sampling of temporary soil gas wells
Task 4: Conduct shallow soil sampling on east side of site
Task 5: Conduct laboratory analyses of soil, water, and vapor samples.
Task 6: Prepare report of findings.

These tasks were conducted in accordance with the approved workplan and with generally accepted sampling guidelines and protocols.

1.2 Limitations

The services provided under this contract as described in this report include professional opinions and judgments based on data collected. These services have been provided according to generally accepted environmental protocols.

The opinions and conclusions contained in this report are typically based on information obtained from:

1. Observations and measurements made by our field staff.
2. Contacts and discussions with regulatory agencies and others.
3. Review of available hydrogeologic data.

2.0 SITE BACKGROUND

According to the USGS Oakland, West, California 7.5-Minute Quadrangle Map, the Site lies on a gently southwest-sloping plain approximately one mile east from San Francisco Bay. The elevation at the Site is approximately 40 feet above mean sea level. Based on site topography and location, we would expect groundwater flow in the site area to generally be to the west towards San Francisco Bay.

Subsurface soils at the site and in the site area generally consist of clays, with occasional thin, discontinuous silts, sands, and gravels. Groundwater at the site is generally encountered at depths below 10 feet below surface grade.

2.1 Brief Site History

Preliminary Phase I ESA activities were conducted which included a review of historical Sanborn Maps, a city directories abstract, historical aerial photos, and City of Emeryville records for the Site and site vicinity. Results of the historical records review indicate the following relative to Site history and environmental conditions.

- The current Site building was constructed between 1911 and 1939, and was occupied by a GMC truck sales and repair facility from at least 1950 to 1980.

- A former gasoline dispenser kiosk, labeled as "Gas & Oil" was present in the small Adeline Street parking lot directly adjacent to the site building (where the current front door to the building is located). The "Gas & Oil" label is the standard designation on Sanborn Maps for a gas station or gasoline fueling facility. Note that it is possible that the fuel dispenser island extended inside the Site building, immediately adjacent to the outside kiosk.

- The south wing of the GMC truck facility was apparently not used for truck repair activities, but rather was used for offices, parts department, and body shop.

- While the GMC truck facility was present, the southeast yard, adjacent to Apgar Street, was either not part of the facility (residences) or was used for truck parking. The northeast yard area, adjacent to 39th Street, extended further east to include the current adjacent auto repair facility and was apparently used for storage and auto painting.

2.2 Summary of Previous Environmental Investigation Activities

The following sections describe previous underground storage tank (UST) removal and environmental investigation activities conducted at the Site.

2.2.1 UST Removal Activities

According to previous reports and records, there were previously two separate UST fueling systems on the Site. One system included two 1,000-gallon gasoline USTs and, while the exact location of these USTs is not known, these USTs were most likely located in the parking lot on the northeast side of the Site. The second system included one 1,000-gallon heating oil UST and one 550-gallon heating oil UST, both located in, and adjacent to, the Adeline Street sidewalk on the northwest property boundary. The gasoline UST system was apparently removed in 1981, and there is no record of environmental sampling during the removal. The two heating oil USTs were removed in May 2002. One soil sample was collected beneath each of the removed USTs at a depth of approximately seven feet in depth. These soil samples showed up to 440 milligrams per kilogram (mg/kg) of Total Petroleum Hydrocarbons as Gasoline (TPH-G). The UST excavation cavities were subsequently overexcavated, and subsequent soil samples collected at approximately ten feet in depth showed relatively low levels of hydrocarbons.

In April 2012, a 1,000-gallon UST was discovered in the Apgar Street sidewalk on the south side of the Site. This UST was removed on August 9, 2012. The tank showed no evidence of leakage, and soils beneath the removed UST exhibited slight to occasionally moderate hydrocarbon odors. Laboratory analytical results from soil samples showed no significant hydrocarbon detections. The only hydrocarbon detection in any of the samples was 0.520 milligrams per kilogram (mg/kg) (detection level = 0.500 mg/kg) of Total Petroleum Hydrocarbons as Gasoline (TPH-G) in the north sidewall soil sample. All of the metals results were relatively low and appear to represent background metals concentrations.

2.2.2 Site Investigation Activities

In May 2007, Enviro Soil Tech Consultants (ESTC) drilled and sampled seven soil borings, B-1 through B-7, in the small parking lot on the northwest (Adeline Street) side of the Site (see Figures 2, 3, and 4) (*Preliminary Investigation and Evaluation Report for 3800 San Pablo Avenue, Emeryville, California,* Enviro Soil Tech Consultants, August 28, 2007). Soil samples collected at five-foot intervals down to 20 feet in depth showed no significant hydrocarbon detections. Grab groundwater samples from borings B-2, B-4, and B-7, located on the extreme north and south sides of the parking lot, showed no significant hydrocarbon detections. Grab groundwater samples from borings B-1, B-3, B-5, and B-6, located on the middle of the parking lot from the extreme east (building) edge to the southwest (Adeline Street) edge of the lot, showed TPH-G concentrations ranging from 4,500 micrograms per liter (ug/L) to 780,000 ug/L, and Benzene concentrations ranging from 7.5 ug/L to 6,400 ug/L. The configuration of these groundwater hydrocarbon detections seemed to point to a southwest aligned groundwater hydrocarbon plume that originated northeast of the small Adeline Street parking lot itself. This conclusion of a northeasterly source was bolstered by the lack of soil hydrocarbon detections or field evidence of shallow soil impacts in the seven soil borings.

In December 2011, Gribi Associates drilled and sampled seven investigative borings, B-8 through B-14, on the site (*Report of Soil and Groundwater Investigation and Workplan to Conduct Additional Investigation Activities, 3800 San Pablo Avenue, Emeryville, California*, Gribi

Associates, January 26, 2012). Soils encountered in the borings generally consisted of clays, with relatively thin discontinuous silty and clayey gravels and sands present in some of the borings. Soil and grab groundwater samples from the seven borings were analyzed for both gasoline- and diesel-range hydrocarbons. Very low concentrations (below 50 milligrams per kilogram, mg/kg) of diesel-range hydrocarbons were encountered in soil samples below ten feet in depth in borings B-8 and B-11. Very low concentrations (below 5 mg/kg) of gasoline-range hydrocarbons were encountered in soil samples below ten feet in depth in borings B-8, B-12, B-13, and B-14. Low concentrations of gasoline-range hydrocarbons, with no BTEX constituents, were encountered in grab groundwater samples from B-8 and B-14. Moderate levels of gasoline-range hydrocarbons were encountered in grab groundwater samples from borings B-12 and B-13. Results of this investigation indicated that the previously-identified groundwater hydrocarbon plume beneath the Adeline Street parking lot is localized and did not originate from elsewhere on the Site. Further, it appeared that the source, or sources, of the groundwater hydrocarbon impacts in the Adeline Street parking lot are either the former USTs in the Adeline Street sidewalk (removed in 2002) or perhaps fuel dispensers associated with these former USTs. The report for this investigation included a work plan to: (1) The installation and monitoring of four groundwater monitoring wells in the Adeline Street parking lot; (2) The drilling and sampling of three soil borings on the west side of San Pablo Avenue, approximately 120 feet southwest from the Adeline Street parking lot.

In May 2012, nine investigative borings (B-15 through B-23) were drilled and four groundwater monitoring wells (MW-1 through MW-4) were installed at the Site (*Report of Remedial Investigation and Workplan to Conduct Interim Remedial Measures, 3800 San Pablo Avenue, Emeryville, California,* Gribi Associates, July 13, 2012). Both field and laboratory analytical results from this investigation indicate a relatively small, concentrated, predominately groundwater only, gasoline-range hydrocarbon plume present beneath the Adeline Street parking lot. The report for this investigation included a Conceptual Site Model and a work plan to conduct interim remedial measures (IRMs) for the Site. The IRM work plan proposed the drilling and sampling of additional borings and the implementation of an ozone injection pilot test on the Site. This work plan was conditionally approved on November 16, 2012.

In February 2013, three soil borings (B-24, B-27, and B-28) and three ozone injection wells (OW-1, OW-2, and OW-3) were installed and sampled. Soil samples from the three investigative borings and three well borings showed relatively low levels of gasoline-range hydrocarbons, with TPH-G concentrations ranging from nondetect to 25 mg/kg, and Benzene concentrations ranging from nondetect to 0.039 mg/kg. Groundwater samples from the three investigative borings showed low to moderate levels of gasoline-range hydrocarbons, with TPH-G concentrations ranging from nondetect to 7,900 ug/L and Benzene concentrations ranging from nondetect to 1,100 ug/L.

Gribi Associates installed an ozone remediation system at the site during the week of September 2, 2013. The ozone system was started on September 9, 2013 and operated continuously until the mid-October 2013. The system required repairs and was re-started on November 7, 2013 and operated continuously until the system was turned off on February 7, 2014. The ozone system was re-started on August 5, 2014 and turned off on October 24, 2014 to assess concentration rebound.

On April 25, 2014, Gribi Associates submitted the *Data Gaps Investigation Workplan* proposing additional soil, groundwater, and soil vapor sampling at the Site. Based on comments from ACEH, Gribi Associates submitted the *Workplan Addendum* on July 7, 2014 responding and providing clarification relative to ACEH comments. The workplan and workplan addendum were approved by ACEH on July 18, 2014.

3.0 SITE CONCEPTUAL MODEL

Gribi Associates prepared a Site Conceptual Model (SCM) for the Site which generally included an evaluation of contaminant sources, contaminant impacts, potential environmental and human health receptors, and investigative data gaps. Some of the key elements of the SCM include the following:

- The contaminants of concern are primarily TPH-G and BTEX.
- The contaminant source, or sources, appears to be the former dispenser kiosk located in the Adeline Street parking lot near the west edge of the Site building.
- Contaminant impacts in soil appear to be fairly low, with maximum TPH-G and Benzene concentrations of 69 mg/kg and 0.36 mg/kg, respectively.
- Contaminant impacts in groundwater are limited primarily to the west side of the Site, encompassing an area including the west Adeline Street parking lot and extending a short distance northeast into the site building TPH-G and benzene concentrations in this area are elevated (TPH-G>10,000 ug/L and benzene>1,000 ug/L).
- Contaminant impacts in vapor have not been assessed.
- Potential human health receptors include (1) future construction workers, and (2) human exposure to outdoor and indoor volatile contaminant vapors.
- Investigative data gaps include (1) the extent of groundwater contaminant impacts west across San Pablo Avenue, and (2) the nature and extent of vapor contaminant impacts beneath the Site building.

4.0 DESCRIPTION OF FIELD ACTIVITIES

Soil borings B-29 and B-30 were drilled and sampled on August 28, 2014. Temporary soil vapor wells were installed and sampled on August 28, 2014. Vapor well SG-2 was re-sampled on September 15, 2014, and vapor wells SG-2 and SG-5 were re-sampled on September 25, 2014. Shallow soil samples SS-1 through SS-4 were collected on September 15, 2014.

4.1 Pre-Field Activities

Prior to beginning field activities, a drilling permit was obtained from the Alameda County Department of Public Works, and an encroachment permit was obtained from the City of Emeryville for borings on the public right-of-way. Copies of these permits are provided in Appendix A.

Prior to implementing field activities, proposed well locations were marked with white paint, and Underground Services Alert (USA) was notified at least 48 hours prior to drilling. Also, proposed well locations were also cleared by a private underground utility locator.

Prior to initiating drilling activities, a Site Safety Plan was prepared, and a tailgate safety meeting was conducted with all the workers involved in conducting the investigations.

4.2 Locations of Soil Gas Sample and Groundwater Monitoring Wells

The location of borings, soil gas wells, and shallow soil samples are shown on Figure 5. The two investigative borings, B-29 and B-30, were located on the west side of San Pablo Avenue, due west from the UST/dispenser source areas on in the Adeline Street parking lot.

Temporary soil gas wells, SG-1, SG-2, SG-3, and SG-5 were sited inside the Site building along the west to southwest sides of the building, as close as possible to known hydrocarbon impact areas in the Adeline Street parking lot. Soil gas well SG-4 was sited in the southwest corner of the Site building directly adjacent to the former UST located in the Apgar Street sidewalk on the southwest side of the Site.

The four shallow soil samples, SS-1, SS-2, SS-3, and SS-4, were collected in a grid pattern in an area on the east side of the Site to be excavated during planned Site redevelopment.

4.3 Drilling and Sampling of Investigative Borings

Boring activities were conducted by Gregg Drilling (C-57 License No. 485165) using direct-push coring equipment. The two investigative borings, B-29 and B-30, were drilled to approximately 24 feet in depth using direct-push hydraulically-driven soil coring equipment. Continuous soil cores were collected to total depth in a clear plastic acetate tube, nested inside a stainless steel core barrel. After each four-foot core barrel was brought to the surface and exposed, the core was sliced lengthwise to expose the soil core, examined, logged, and field screened for hydrocarbons by a qualified geologist using sight, smell, and an organic vapor monitor (OVM). Following completion, the investigative borings were grouted to match existing grade using a cement\sand slurry.

Each soil core was first sliced open lengthwise along the length of the acetate tube, allowing full examination and logging of the soil core prior to sampling. Soil samples were then collected from specific zones of interest in an acetate liner, which were cut to the desired length (typically four to six inches), capped with Teflon tape and plastic end caps, labeled and placed in cold storage pending transport to a laboratory under formal chain-of-custody. All coring and sampling equipment was thoroughly cleaned and decontaminated between each sample collection by triple rinsing first with water, then with dilute tri-sodium phosphate solution, and finally with distilled water.

One grab groundwater sample was collected from each boring at first encountered groundwater. Grab groundwater samples were collected from the open boring after placing 3/4-inch diameter well casing in the boring. Groundwater was then sampled using a clean

small diameter bailer, and poured directly into laboratory-supplied containers. Each sample container will then be tightly sealed, labeled, and placed in cold storage for transport to the laboratory under formal chain-of-custody.

4.4 Installation and Sampling of Temporary Soil Gas Wells

All soil gas sampling activities were conducted in accordance with *Guidance for the Evaluation and Mitigation of Subsurface Vapor Intrusion to Indoor Air* (DTSC, Final, October 2011) and *Advisory - Active Soil Gas Investigations* (DTSC, April 2012). Five temporary soil gas sampling wells, SG-1 through SG-5, were installed by Gregg Drilling. The vapor well borings were drilled to approximately 5.5 feet in depth using hand auger equipment and were constructed using a porous vapor tip attached to 1/4-inch diameter Teflon tubing. The wells were constructed as follows: (1) Filter sand was placed around the vapor tip and tubing to approximately six inches above the vapor tip (set at approximately 5.5 feet below ground surface); (2) A one foot bentonite seal, consisting of six inches of dry granular bentonite followed by six inches of pre-hydrated granular or pellet bentonite, was placed above the filter sand; and (3) The remaining annulus was filled with hydrated pellet bentonite. The top of each well was placed in a well box concreted in place at surface grade.

The five temporary vapor wells, SG-1 through SG-5, were sampled on August 28, 2014. However, the vapor sample from SG-2 was not viable when it reached the laboratory. Thus, SG-2 was re-sampled on September 15, 2014. Also, due to the hydrocarbon detections in SG-2 and SG-5, these vapor wells were again sampled, with a duplicate for the SG-5 well, on September 25, 2014.

Each of the temporary soil gas wells was sampled using the following procedures:

- Soil vapor samples was not be collected within 72 hours following a significant (>0.5 inches rain) precipitation event.

- A “T” valve was placed in line at the ground surface to allow for system purging and for pressure testing of the above ground portion of the sampling train. The sampling tubing was attached to a 200-milliliter per minute maximum flow controller, then a one liter laboratory-supplied Summa Canister™ (evacuated to 29 inches mercury vacuum) with vacuum pressure valve.

- After allowing the vapor wells to equilibrate for at least two hours, the wells were purged and sampled. A laboratory supplied purge/pressure test Summa Canister™ (evacuated to 29 inches mercury) was then used to test vacuum pressure in the above ground portion of the sampling train. Sampling train vacuum pressure were maintained for at least 10 minutes.

- The vapor well was then purged of approximately three purge volumes using a dedicated Summa Canister.

- The entire probe and sampling train was then placed under a shroud and a leak test was conducted. Helium from a compressed gas cylinder was pumped into the shroud, and the helium concentration inside the shroud was maintained at approximately 10,000 ppmV (the detection level for the ASTM Method D-1946 is 100 ppmV). Helium monitoring was conducted using a Mark Radiodetection MGD-2002 helium detector with internal pump (or equivalent). For the sampling train leak test, the helium monitor was attached to the purge tube and the T-valve opened. No positive readings of helium were detected, thus indicating no leaks in the sampling train prior to sampling.

- The vapor sample was then collected by opening the Summa canister and allowing the vapor to fill the canister until the vacuum pressure in the canister reached 10 to 20 percent of initial (approximately 2 to 6 inched mercury). The flow controller insured that the Summa Canister filled slowly (at 200 ml per minute or less) to insure a representative soil vapor sample. Prior to, at start time, and during sampling, periodic vacuum measurements were recorded on a field data sheet, and initial and final vacuum pressures were noted on chain-of-custody records.

The vapor samples (filled Summa canisters) were secured and transported to Sunstar Laboratories, a certified analytical laboratory, under formal chain-of-custody.

Note that, after vapor sampling at vapor well locations SG-2 and SG-5 on September 25, 2014, soil samples were collected from hand auger borings adjacent to the vapor wells. Soil samples were collected at approximately 2.5 feet and 5.0 feet in depth from each boring. Each soil sample was collected by completely filling a laboratory supplied jar, tightly capping and labeling the jar, and placing the jar in an ice-chilled cooler for transport to a certified analytical laboratory under formal chain-of-custody. All coring and sampling equipment was thoroughly cleaned and decontaminated between each sample collection, and after completion, the borings were backfilled and resurfaced to match existing grade.

4.5 Collection of Shallow Soil Samples

Four shallow soil samples, SS-1 through SS-4, will be collected using hand auger equipment after coring through the asphalt-paved ground surface. Soil samples were collected at approximately 1.0 foot bgs in 4-ounce Teflon-lined jars. Each soil sample was collected by completely filling a laboratory supplied jar, tightly capping and labeling the jar, and placing the jar in an ice-chilled cooler for transport to a certified analytical laboratory under formal chain-of-custody. All coring and sampling equipment was thoroughly cleaned and decontaminated between each sample collection, and after completion, the borings were backfilled and resurfaced to match existing grade.

4.6 Laboratory Analysis of Vapor, Soil, and Water Samples

One soil sample and one grab groundwater sample from the two offsite borings, B-29 and B-30, were analyzed for the following parameters. Also, two soil samples from SG-2 and SG-5 were analyzed for the following parameters.

- USEPA 8260B Total Petroleum Hydrocarbons as Gasoline (TPH-G)
- USEPA 8260B Benzene, Toluene, Ethylbenzene, and Xylenes (BTEX)
- USEPA 8260B Oxygenates (DIPE, ETBE, MTBE, TAME, TBA)
- USEPA 8260B Naphthalene

In addition, eight soil gas samples from the five wells, SG-1 through SG-5, were analyzed for the following parameters with appropriate detection levels which are below regulatory screening levels.

- USEPA TO-15 TPH-G and Volatile Organic Compounds (VOCs)
- ASTM Method D-1946 Fixed Gases (Helium, Oxygen, Carbon Dioxide, Nitrogen)
- RSK 175 Methane

Also, the four shallow soil samples, SS-1 through SS-4, were analyzed for the following parameters.

- USEPA 8015B Total Petroleum Hydrocarbons-Carbon Chain
- USEPA 8260B Volatile Organic Compounds (VOCs)
- USEPA 6010 CAM 17 Metals

Due to a slightly elevated Total Lead level, the SS-2 soil sample was also analyzed for the following parameters:

- USEPA 6000 Soluble Lead (STLC Pb)

All analyses were conducted by Sunstar Labs, a California-certified environmental laboratory, with standard turnaround time on results.

5.0 RESULTS OF INVESTIGATION

5.1 General Subsurface Conditions

Boring logs for B-29 and B-30 are included in Appendix B. Soils encountered in borings B-29 and B-30 generally consisted of clayey silts and sandy silts, occasionally grading to clayey, silty sands. Soils in the five temporary soil gas wells, SG-1 through SG-5, consisted 0-2 feet of fill soils, underlain by dark grey to black Bay Mud clays to approximately 4.0 feet in depth, and then by light brown to brown sandy, gravelly silt to 5.5 feet total depth. Soils in the four shallow soil sample borings, SS-1 through SS-4, consisted of approximately 0.5-1 feet of silty gravels, followed by Bay Mud silty clays to 2.0 feet total depth.

Groundwater was encountered in borings B-29 and B-30 at a depth of approximately 22 feet in depth and rose in the borings to at least 15 feet in depth (due to vehicle safety concerns, borings were grouted prior to groundwater stabilization).

No hydrocarbon odors or OVM detections were noted in soils from any of the borings from this investigation. No hydrocarbon odors or sheens were noted in purged water from borings B-29 or B-30.

5.2 Results of Laboratory Analyses

Soil and groundwater laboratory analytical results from B-29 and B-30 are summarized in Table 1 and on Figure 5, and soil laboratory analytical results from SG-2 and SG-5 are summarized in Table 1. Soil vapor laboratory analytical results from SG-1 through SG-5 are summarized in Table 2 and on Figure 6, and soil laboratory analytical results from SS-1 through SS-4 are summarized in Table 3. Laboratory data reports and chain-of-custody records for all analyses are included in Appendix C.

Soil and groundwater samples from borings B-29 and B-30 showed no detectable concentrations of hydrocarbon constituents, except for 0.72 micrograms per liter (ug/L) of Toluene in the groundwater sample from B-29. Soil samples at 2.5 feet and 5.0 feet in depth from temporary well borings SG-2 and SG-5 showed no detectable concentrations of hydrocarbon constituents. Shallow soil samples SS-1 through SS-4 showed no detectable concentrations of hydrocarbons and VOCs, and background levels of Metals. Note that the SS-2 sample showed 69 milligrams per kilogram (mg/kg) of Total Lead and 2.6 milligrams per liter (mg/L) of Soluble (STLC) Lead.

Soil vapor samples from SG-1, SG-3, and SG-4 showed no detectable concentrations of hydrocarbon constituents. Vapor samples collected at SG-2 on September 15, 2014 and September 25, 2014 showed relatively low concentrations of TPH-G, with no detectable BTEX constituents and low concentrations of Cyclohexane, Hexane, Heptane, and 1,3,4-Trimethylbenzene. The vapor sample collected from SG-5 on August 28, 2014 showed 1,700 micrograms per cubic meter (ug/m^3) OF Benzene, 5,600 ug/m^3 of Toluene, 1,200 ug/m^3 of Ethylbenzene, and 4,570 ug/m^3 of Xylenes. The two duplicate vapor samples from SG-5 collected on September 25, 2014 showed no detectable concentrations of hydrocarbon constituents. All the vapor samples showed no detectable Helium (leak detection compound) and generally high levels (greater than 10 percent) of Oxygen.

6.0 CONCLUSIONS

Gribi Associates conducted a data gaps investigation which included: (1) The drilling and sampling of two soil borings, B-29 and B-30, on the west side of San Pablo Avenue, west of the Site groundwater hydrocarbon plume; (2) The installation and sampling of five temporary soil gas wells, SG-1 through SG-5, inside the Site building; and (3) The collection and analysis of four shallow soil samples, SS-1 through SS-4, on the east side of the Site.

6.1 Soil Borings B-29 and B-30

Soil and groundwater samples from borings B-29 and B-30 showed no significant detections of hydrocarbon constituents. Thus, the groundwater hydrocarbon plume has been defined to the west, and this data gap has been adequately addressed.

6.2 Soil Gas Wells SG-1 through SG-5

The soil gas samples from SG-1, SG-3, and SG-4 were nondetect and, hence, do not indicate a significant indoor air concern at these locations.

The soil gas samples at SG-2 showed low levels of some gasoline-range constituents, but no BTEX constituents. Also, the soil samples at 2.5 feet and 5.0 feet in depth at SG-2 showed no detectable hydrocarbons. Thus, there does not appear to be a significant indoor air concern at SG-2.

The August 28, 2014 vapor sample from SG-5 showed 1,500 ug/m^3 of Benzene, which is above the commercial indoor air soil vapor Environmental Screening Level (ESL) of 420 ug/m^3. However, the subsequent duplicate soil gas samples from SG-5 collected on September 25, 2014 showed no detectable concentrations of Benzene or other hydrocarbons, indicating that the August 28, 2014 result may have been anomalous. Also, because the SG-5 vapor samples contained greater than 4 percent oxygen and the SG-5 soil samples showed no detectable Benzene, the SG-5 location meets the Low Threat Closure vapor intrusion criteria even with a Benzene soil gas level of 1,500 ug/m^3[1].

6.3 Shallow Soil Samples SS-1 through SS-4

Shallow soil samples SS-1 through SS-4 showed hydrocarbon and metals concentrations which meet residential land use standards. Thus, soils on the east side of the Site do not pose a significant risk for the planned commercial/residential Site redevelopment.

7.0 PLANNED ACTIVITIES

Pursuant to our October 23, 2014 meeting with ACEH staff at ACEH offices, the ozone injection system at the Site was turned off on October 24, 2014 to allow for groundwater hydrocarbon concentration rebound, if any.

In order to assess remediation effectiveness, fourth quarter groundwater monitoring of Site groundwater monitoring wells and temporary soil gas wells will be conducted in early December 2014, and a report documenting monitoring activities and results will be submitted within three weeks following field monitoring activities. This report will also include an evaluation of Site conditions relative to the Low-Threat Closure Policy and, If warranted, request regulatory closure of this Site.

[1] According to Scenario 4 Direct Measurement of Soil Gas Concentrations in Appendix 4 of the *Low-Threat Underground Storage Tank Case Closure Policy*, a site with 5 feet of soil with TPH of less than 100 mg/kg and Oxygen greater than 4 percent is allowed a Benzene soil vapor concentration of up to 85,000 ug/m^3 for residential land use and 280,000 ug/m^3 for commercial land use).

TABLES

Table 1

SUMMARY OF SOIL AND GRAB GROUNDWATER LABORATORY ANALYTICAL RESULTS

Former Maz Glass UST Site

				Soil concentration in milligrams per kilogram (mg/kg) *Groundwater concentration in micrograms per liter (ug/L)*						
Sample ID	**Date**	**Sample Matrix**	**Sample Depth**	**TPH-G**	**Benzene**	**Toluene**	**Ethyl-benzene**	**Xylenes**	**Napthalene**	**Oxygenates**
B-29-20.0	8/28/2014	Soil	20 ft	<0.50	<0.005	<0.005	<0.005	<0.010	<0.005	NA
B-29-W	*8/28/2014*	*Water*	*20 ft*	*<50*	*<0.50*	***0.72***	*<0.50*	*<1.0*	*<1.0*	*All ND*
B-30-20.0	8/28/2014	Soil	20 ft	<0.50	<0.005	<0.005	<0.005	<0.010	<0.005	NA
B-30-W	*8/28/2014*	*Water*	*20 ft*	*<50*	*<0.50*	*<0.50*	*<0.50*	*<1.0*	*<1.0*	*All ND*
SG-2-2.5	9/25/2014	Soil	2.5 ft	<0.5	<0.005	<0.005	<0.005	<0.010	<0.005	All ND
SG-2-5.0	9/25/2014	Soil	5.0 ft	<0.5	<0.005	<0.005	<0.005	<0.010	<0.005	All ND
SG-5-2.5	9/25/2014	Soil	2.5 ft	<0.5	<0.005	<0.005	<0.005	<0.010	<0.005	All ND
SG-5-5.0	9/25/2014	Soil	5.0 ft	<0.5	<0.005	<0.005	<0.005	<0.010	<0.005	All ND
Shallow Soil ESL				**83**	**0.044**	**2.9**	**3.3**	**2.3**	**1.2**	**Various**
Groundwater ESL				***100***	***1.0***	***40***	***30***	***20***	***6.1***	***Various***

Table Notes

TPH-G = Total petroleum hydrocarbons as gasoline
OXY = Oxygenates, including Ter-butanol (TBA), Di-isopropyl Ether (DIPE), Methyl Tertiary Butyl Ether (MTBE), Ethyl-t-butyl Ether (ETBE), and Tert-amyl Methyl Ether (TAME)
ND = Not detected above laboratory detection limits
<0.5 = Not detected above the expressed detection level
ESL = Environmental Screening Levels, as contained in *Screening for Environmental Concerns at Sites with Contaminated Soil and Groundwater* , San Francisco Bay Regional Water Quality Control Board, December 2013

Table 2

SUMMARY OF SOIL VAPOR LABORATORY ANALYTICAL RESULTS

Former Maz Glass UST Site

Sample ID	Date	Sample Matrix	Sample Depth	TPH-G (ug/m3)	B (ug/m3)	T (ug/m3)	E (ug/m3)	X (ug/m3)	Other (ug/m3)	Methane (ppmv)	CO2 (%)	N (%)	O2 (%)	Helium (%)
SG-1	8/28/2014	Vapor	5.5 ft	<7,170	<3.3	<3.8	<4.4	<8.8	Heptane = **5.1**	<8.1	<1.62	**62.1**	**14.2**	<1.62
SG-2	9/15/2014	Vapor	5.5 ft	**7,600**	<3.3	<3.8	<4.4	<8.8	Cyclohexane = **310** Heptane = **46** Hexane = **1,000** 1,3,5-TMB = **56**	**170**	**3.87**	**51.0**	**13.2**	<1.57
SG-2	9/25/2014	Vapor	5.5 ft	<7,170	<160	<190	<220	<220	Cyclohexane = **1,900** Hexane = **1,000**	**77**	**5.30**	**58.3**	**2.01**	0.00
SG-3	8/28/2014	Vapor	5.5 ft	<7,170	<3.3	<3.8	<4.4	<8.8		<7.6	<1.51	**49.7**	**16.6**	<1.51
SG-4	8/28/2014	Vapor	5.5 ft	<7,170	<3.3	<3.8	<4.4	<8.8	1,2,4-TMB = **13**	**240**	<1.54	**52.3**	**5.87**	<1.54
SG-5	8/28/2014	Vapor	5.5 ft	<7,170	**1,700**	**5,600**	**1,200**	**4,570**	All ND	150	<1.53	**49.7**	**12.5**	<1.53
SG-5	9/25/2014	Vapor	5.5 ft	<7,170	<3.3	<3.8	<4.4	<8.8	All ND	18	2.01	**54.7**	**9.28**	0.00
SG-5D	9/25/20114	Vapor	5.5 ft	<7,170	<3.3	<3.8	<4.5	<8.9	All ND	<7.9	2.01	**53.5**	**10.8**	0.00
Purge	8/28/2014	Vapor	5.5 ft	NA	NA	NA	NA	NA	NA	NA	<1.58	**53.5**	**14**	<1.58
Soil Gas ESL				2.5E+06	420	1.3E+06	4,900	4.4E+05	Various	--	--	--	--	--

Table Notes

B= Benzene
T = Toluene
E = Ethylhbenzene
X = Xylenes
1,2,4-TMB = 1,2,4-Trimethylbenzene
ug/m3 = micrograms per cubic meter
ppmb = parts per million by volume
% = Percent
Other = Other VOCs, includes approxmately 47 individual VOC compounds
<7,170 = Not detected at or above the expressed value.
ND = Not detected above laboratory detection levels.
NA = Not analyzed for this analyte

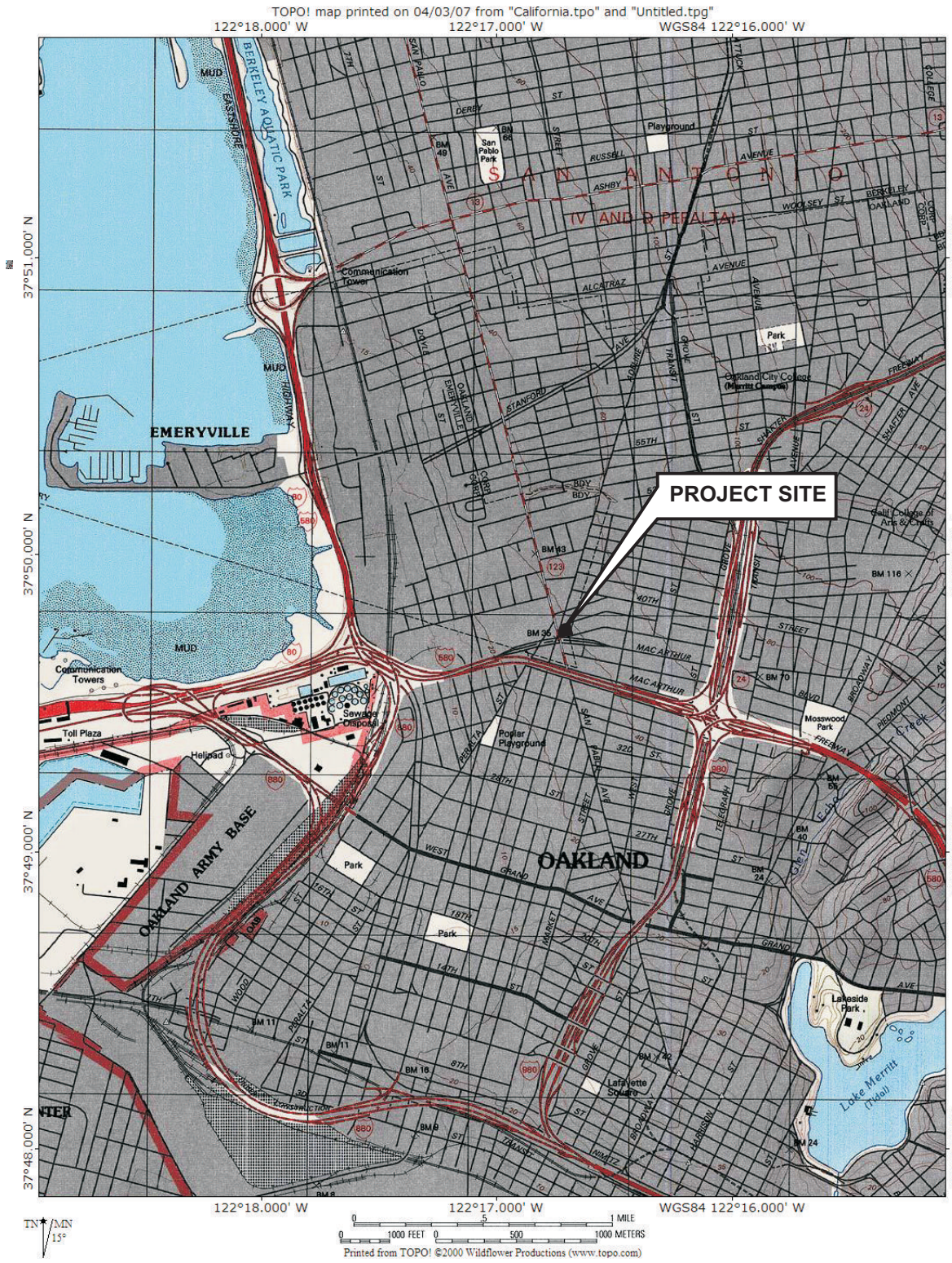
Table 3
SUMMARY OF SHALLOW SOIL LABORATORY ANALYTICAL RESULTS
Former Maz Glass UST Site

Location	SS-1	SS-2	SS-3	SS-4	
Depth	1.0 ft	1.0 ft	1.0 ft	1.0 ft	ESL
Units	mg/kg	mg/kg	mg/kg	mg/kg	
TPH-G	<10	<10	<10	<10	100
TPH-D	<10	<10	<10	<10	100
TPH-MO	<10	<10	<10	<10	500
VOCs	ALL ND	ALL ND	ALL ND	ALL ND	Various
Antimony	<3.0	<3.0	<3.0	<3.0	20
Arsenic	<5.0	<5.0	<5.0	<5.0	0.39
Barium	**170**	**200**	**150**	**130**	750
Beryllium	<1.0	<1.0	<1.0	<1.0	4.0
Cadmium	<2.0	<2.0	<2.0	<2.0	12
Chromium	**30**	**29**	**10**	**9.7**	750
Cobalt	**8.9**	**13**	**44**	**25**	23
Copper	**21**	**26**	**8.9**	**8.8**	230
Lead	**16**	**69(A)**	**10**	**11**	80
Mercury	<0.10	**0.25**	**0.29**	**0.3**	6.7
Molybdenum	<5.0	<5.0	<5.0	<5.0	40
Nickel	**39**	**40**	**20**	**16**	150
Selenium	<5.0	<5.0	<5.0	<5.0	10
Silver	<2.0	<2.0	<2.0	<2.0	20
Thallium	<2.0	<2.0	<2.0	<2.0	0.78
Vanadium	**37**	**36**	**17**	**15**	2.3
Zinc	**61**	**94**	**42**	**36**	600

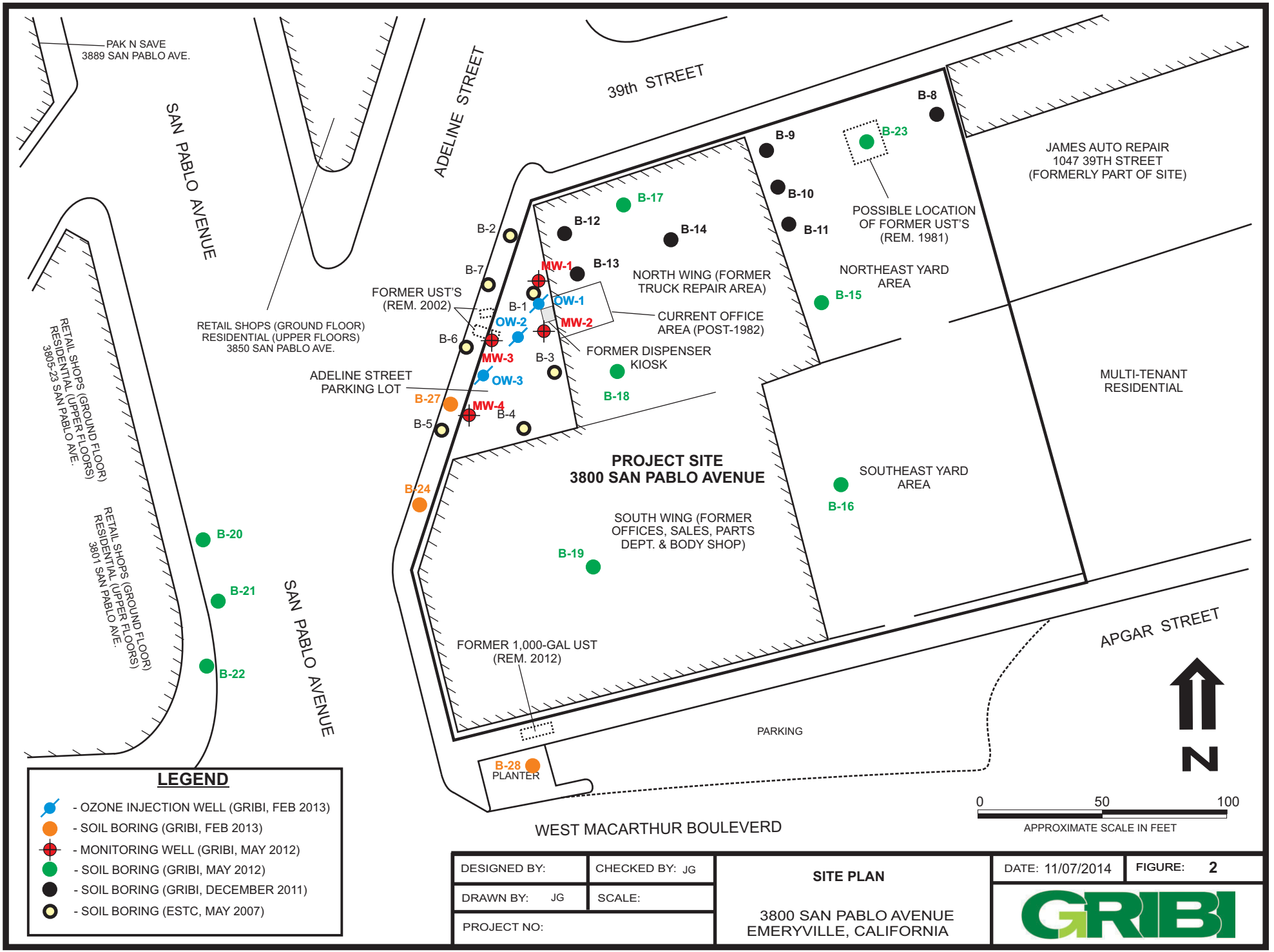
Table Notes

mg/kg = Milligrams per kilogram
TPH-G = Total petroleum hydrocarbons as gasoline
TPH-D = Total petroleum hydrocarbons as diesel
TPH-MO = Total petroleum hydrocarbons as motor oil
VOCs = Volatile Organic Compounds, includes approximately 59 individual compounds
<10 = Not detected above the expressed value
ALL ND = No detectable concentrations of approximately 59 individual compounds
ESL = Environmental Screening Levels, as contained in Screening for Environmental Concerns at Sites with Contaminated Soil and Groundwater, San Francisco Bay Regional Water Quality Control Board, December 2013

FIGURES



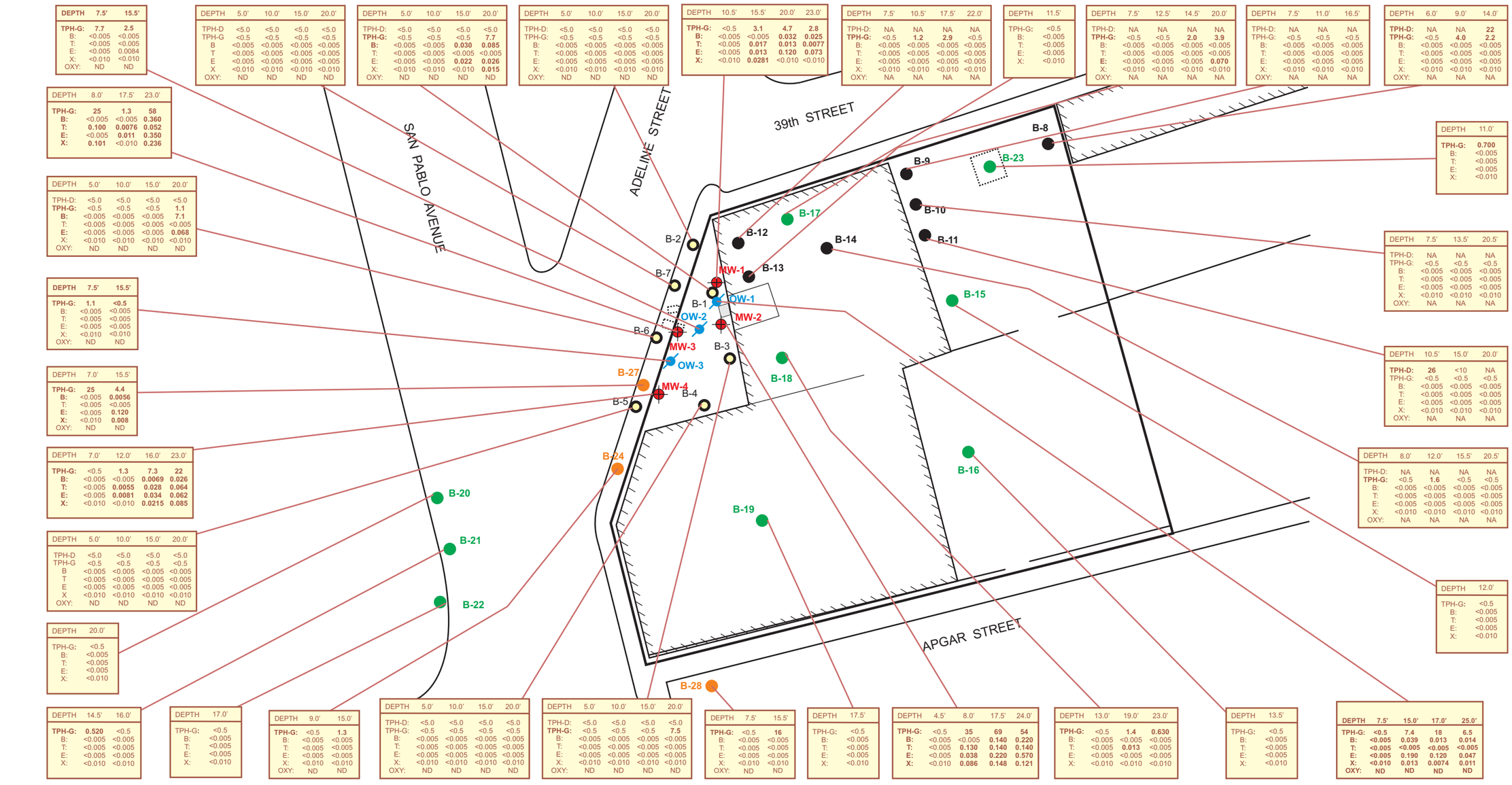
DESIGNED BY:	CHECKED BY:	**SITE VICINITY MAP**	DATE: 03/22/2013	FIGURE: 1
DRAWN BY: JG	SCALE:			
PROJECT NO:		3800 SAN PABLO AVENUE EMERYVILLE, CALIFORNIA		



LEGEND

- OZONE INJECTION WELL (GRIBI, FEB 2013)
- SOIL BORING (GRIBI, FEB 2013)
- MONITORING WELL (GRIBI, MAY 2012)
- SOIL BORING (GRIBI, MAY 2012)
- SOIL BORING (GRIBI, DECEMBER 2011)
- SOIL BORING (ESTC, MAY 2007)

DESIGNED BY:	CHECKED BY: JG	**SITE PLAN**	DATE: 11/07/2014 FIGURE: 2
DRAWN BY: JG	SCALE:	3800 SAN PABLO AVENUE EMERYVILLE, CALIFORNIA	GRIBI
PROJECT NO:			



DEPTH	7.5'	15.5'
TPH-G:	7.7	2.5
B:	<0.005	<0.005
T:	<0.005	<0.005
E:	<0.005	0.0084
X:	<0.010	<0.010
OXY:	ND	ND

DEPTH	5.0'	10.0'	15.0'	20.0'
TPH-D	<5.0	<5.0	<5.0	<5.0
TPH-G	<0.5	<0.5	<0.5	<0.5
B	<0.005	<0.005	<0.005	<0.005
T	<0.005	<0.005	<0.005	<0.005
E	<0.005	<0.005	<0.005	<0.005
X	<0.010	<0.010	<0.010	<0.010
OXY:	ND	ND	ND	ND

DEPTH	5.0'	10.0'	15.0'	20.0'
TPH-D:	<5.0	<5.0	<5.0	<5.0
TPH-G:	<0.5	<0.5	<0.5	7.7
B:	<0.005	<0.005	0.030	0.085
T:	<0.005	<0.005	<0.005	<0.005
E:	<0.005	<0.005	0.022	0.026
X:	<0.010	<0.010	<0.010	0.015
OXY:	ND	ND	ND	ND

DEPTH	5.0'	10.0'	15.0'	20.0'
TPH-D:	<5.0	<5.0	<5.0	<5.0
TPH-G:	<0.5	<0.5	<0.5	<0.5
B:	<0.005	<0.005	<0.005	<0.005
T:	<0.005	<0.005	<0.005	<0.005
E:	<0.005	<0.005	<0.005	<0.005
X:	<0.010	<0.010	<0.010	<0.010
OXY:	ND	ND	ND	ND

DEPTH	10.5'	15.5'	20.0'	23.0'
TPH-G:	<0.5	3.1	4.7	2.8
B:	<0.005	<0.005	0.032	0.025
T:	<0.005	0.017	0.013	0.0077
E:	<0.005	0.013	0.120	0.073
X:	<0.010	0.0281	<0.010	<0.010

DEPTH	7.5'	10.5'	17.5'	22.0'
TPH-D:	NA	NA	NA	NA
TPH-G:	<0.5	1.2	2.9	<0.5
B:	<0.005	<0.005	<0.005	<0.005
T:	<0.005	<0.005	<0.005	<0.005
E:	<0.005	<0.005	<0.005	<0.005
X:	<0.010	<0.010	<0.010	<0.010
OXY:	NA	NA	NA	NA

DEPTH	11.5'
TPH-G:	<0.5
B:	<0.005
T:	<0.005
E:	<0.005
X:	<0.010

DEPTH	7.5'	12.5'	14.5'	20.0'
TPH-D:	NA	NA	NA	NA
TPH-G:	<0.5	<0.5	2.0	3.9
B:	<0.005	<0.005	<0.005	<0.005
T:	<0.005	<0.005	<0.005	<0.005
E:	<0.005	<0.005	<0.005	0.070
X:	<0.010	<0.010	<0.010	<0.010
OXY:	NA	NA	NA	NA

DEPTH	7.5'	11.0'	16.5'
TPH-D:	NA	NA	NA
TPH-G:	<0.5	<0.5	<0.5
B:	<0.005	<0.005	<0.005
T:	<0.005	<0.005	<0.005
E:	<0.005	<0.005	<0.005
X:	<0.010	<0.010	<0.010
OXY:	NA	NA	NA

DEPTH	6.0'	9.0'	14.0'
TPH-D:	NA	NA	22
TPH-G:	<0.5	4.0	2.2
B:	<0.005	<0.005	<0.005
T:	<0.005	<0.005	<0.005
E:	<0.005	<0.005	<0.005
X:	<0.010	<0.010	<0.010
OXY:	NA	NA	NA

DEPTH	8.0'	17.5'	23.0'
TPH-G:	25	1.3	58
B:	<0.005	<0.005	0.360
T:	0.100	0.0076	0.052
E:	<0.005	0.011	0.350
X:	0.101	<0.010	0.236

DEPTH	11.0'
TPH-G:	0.700
B:	<0.005
T:	<0.005
E:	<0.005
X:	<0.010

DEPTH	5.0'	10.0'	15.0'	20.0'
TPH-D:	<5.0	<5.0	<5.0	<5.0
TPH-G:	<0.5	<0.5	<0.5	1.1
B:	<0.005	<0.005	<0.005	7.1
T:	<0.005	<0.005	<0.005	<0.005
E:	<0.005	<0.005	<0.005	0.068
X:	<0.010	<0.010	<0.010	<0.010
OXY:	ND	ND	ND	ND

DEPTH	7.5'	13.5'	20.5'
TPH-D:	NA	NA	NA
TPH-G:	<0.5	<0.5	<0.5
B:	<0.005	<0.005	<0.005
T:	<0.005	<0.005	<0.005
E:	<0.005	<0.005	<0.005
X:	<0.010	<0.010	<0.010
OXY:	NA	NA	NA

DEPTH	7.5'	15.5'
TPH-G:	1.1	<0.5
B:	<0.005	<0.005
T:	<0.005	<0.005
E:	<0.005	<0.005
X:	<0.010	<0.010
OXY:	ND	ND

DEPTH	10.5'	15.0'	20.0'
TPH-D:	26	<10	NA
TPH-G:	<0.5	<0.5	<0.5
B:	<0.005	<0.005	<0.005
T:	<0.005	<0.005	<0.005
E:	<0.005	<0.005	<0.005
X:	<0.010	<0.010	<0.010
OXY:	NA	NA	NA

DEPTH	7.0'	15.5'
TPH-G:	25	4.4
B:	<0.005	0.0056
T:	<0.005	<0.005
E:	<0.005	0.120
X:	<0.010	0.008
OXY:	ND	ND

DEPTH	8.0'	12.0'	15.5'	20.5'
TPH-D:	NA	NA	NA	NA
TPH-G:	<0.5	1.6	<0.5	<0.5
B:	<0.005	<0.005	<0.005	<0.005
T:	<0.005	<0.005	<0.005	<0.005
E:	<0.005	<0.005	<0.005	<0.005
X:	<0.010	<0.010	<0.010	<0.010
OXY:	NA	NA	NA	NA

DEPTH	7.0'	12.0'	16.0'	23.0'
TPH-G:	<0.5	1.3	7.3	22
B:	<0.005	<0.005	0.0069	0.026
T:	<0.005	0.0055	0.028	0.064
E:	<0.005	0.0081	0.034	0.062
X:	<0.010	<0.010	0.0215	0.085

DEPTH	12.0'
TPH-G:	<0.5
B:	<0.005
T:	<0.005
E:	<0.005
X:	<0.010

DEPTH	5.0'	10.0'	15.0'	20.0'
TPH-D	<5.0	<5.0	<5.0	<5.0
TPH-G	<0.5	<0.5	<0.5	<0.5
B	<0.005	<0.005	<0.005	<0.005
T	<0.005	<0.005	<0.005	<0.005
E	<0.005	<0.005	<0.005	<0.005
X	<0.010	<0.010	<0.010	<0.010
OXY:	ND	ND	ND	ND

DEPTH	20.0'
TPH-G:	<0.5
B:	<0.005
T:	<0.005
E:	<0.005
X:	<0.010

DEPTH	14.5'	16.0'
TPH-G:	0.520	<0.5
B:	<0.005	<0.005
T:	<0.005	<0.005
E:	<0.005	<0.005
X:	<0.010	<0.010

DEPTH	17.0'
TPH-G:	<0.5
B:	<0.005
T:	<0.005
E:	<0.005
X:	<0.010

DEPTH	9.0'	15.0'
TPH-G:	<0.5	1.3
B:	<0.005	<0.005
T:	<0.005	<0.005
E:	<0.005	<0.005
X:	<0.010	<0.010
OXY:	ND	ND

DEPTH	5.0'	10.0'	15.0'	20.0'
TPH-D:	<5.0	<5.0	<5.0	<5.0
TPH-G:	<0.5	<0.5	<0.5	<0.5
B:	<0.005	<0.005	<0.005	<0.005
T:	<0.005	<0.005	<0.005	<0.005
E:	<0.005	<0.005	<0.005	<0.005
X:	<0.010	<0.010	<0.010	<0.010
OXY:	ND	ND	ND	ND

DEPTH	5.0'	10.0'	15.0'	20.0'
TPH-D:	<5.0	<5.0	<5.0	<5.0
TPH-G:	<0.5	<0.5	<0.5	7.5
B:	<0.005	<0.005	<0.005	<0.005
T:	<0.005	<0.005	<0.005	<0.005
E:	<0.005	<0.005	<0.005	<0.005
X:	<0.010	<0.010	<0.010	<0.010
OXY:	ND	ND	ND	ND

DEPTH	7.5'	15.5'
TPH-G:	<0.5	16
B:	<0.005	<0.005
T:	<0.005	<0.005
E:	<0.005	<0.005
X:	<0.010	<0.010
OXY:	ND	ND

DEPTH	17.5'
TPH-G:	<0.5
B:	<0.005
T:	<0.005
E:	<0.005
X:	<0.010

DEPTH	4.5'	8.0'	17.5'	24.0'
TPH-G:	<0.5	35	69	54
B:	<0.005	<0.005	0.140	0.220
T:	<0.005	0.130	0.140	0.140
E:	<0.005	0.038	0.220	0.570
X:	<0.010	0.086	0.148	0.121

DEPTH	13.0'	19.0'	23.0'
TPH-G:	<0.5	1.4	0.630
B:	<0.005	<0.005	<0.005
T:	<0.005	0.013	<0.005
E:	<0.005	<0.005	<0.005
X:	<0.010	<0.010	<0.010

DEPTH	13.5'
TPH-G:	<0.5
B:	<0.005
T:	<0.005
E:	<0.005
X:	<0.010

DEPTH	7.5'	15.0'	17.0'	25.0'
TPH-G:	<0.5	7.4	18	6.5
B:	<0.005	0.039	0.013	0.014
T:	<0.005	<0.005	<0.005	<0.005
E:	<0.005	0.190	0.120	0.047
X:	<0.010	0.013	0.0074	0.011
OXY:	ND	ND	ND	ND

LEGEND

- OZONE INJECTION WELL (GRIBI, FEB 2013)
- SOIL BORING (GRIBI, FEB 2013)
- MONITORING WELL (GRIBI, MAY 2012)
- SOIL BORING (GRIBI, MAY 2012)
- SOIL BORING (GRIBI, DECEMBER 2011)
- SOIL BORING (ESTC, MAY 2007)

0 50 100

APPROXIMATE SCALE IN FEET

N

Depth: Boring depth
TPH-D: Total Petroleum Hydrocarbons as Diesel
TPH-G: Total Petroleum Hydrocarbons as Gasoline
B: Benzene
T: Toluene
E: Ethylbenzene
X: Xylenes
OXY: Oxygenates
ND Nondetect
NA Not analyzed
Concentrations in milligrams per kilogram

DESIGNED BY:	CHECKED BY: JG
DRAWN BY: JG	SCALE:
PROJECT NO:	

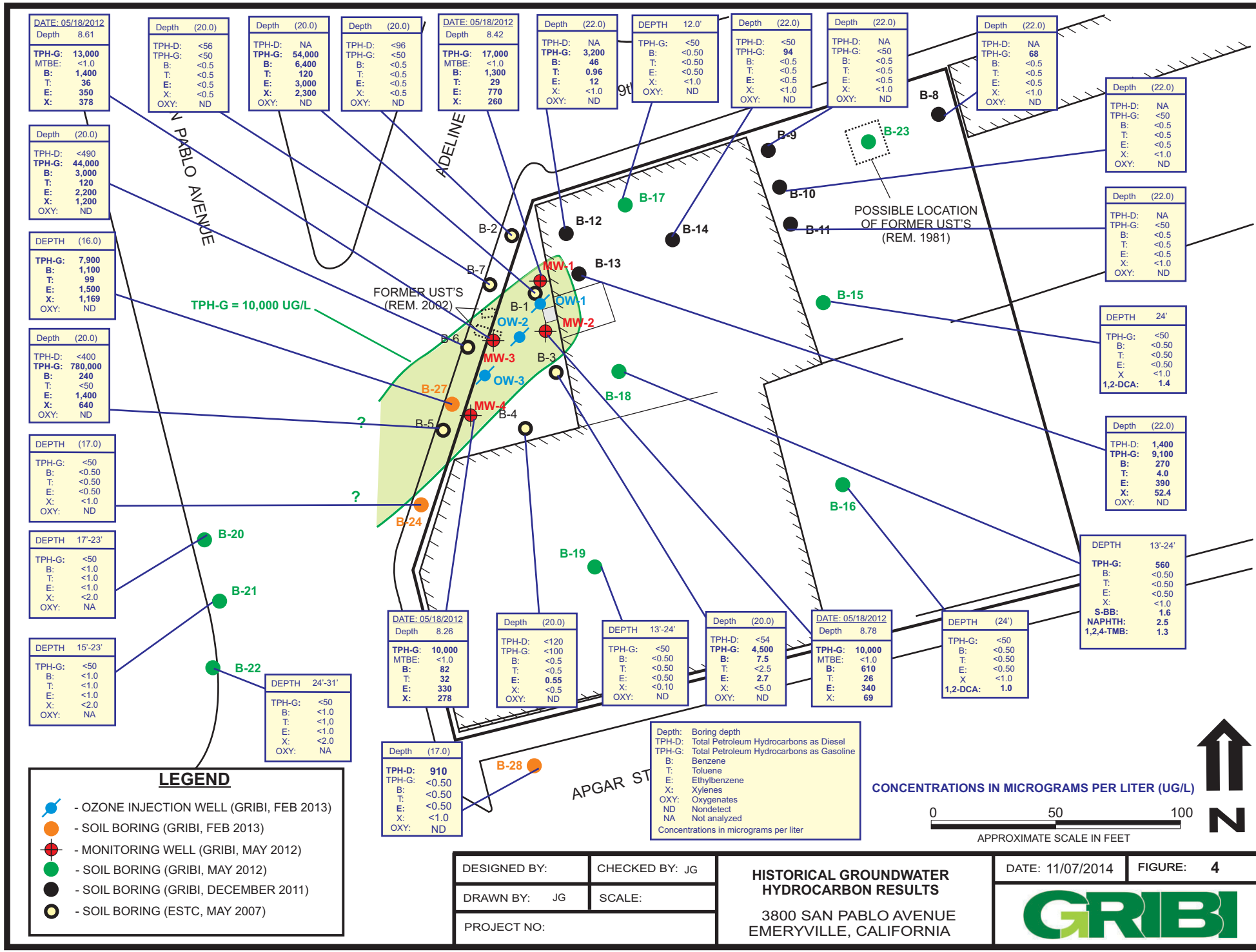
HISTORICAL SOIL HYDROCARBON RESULTS

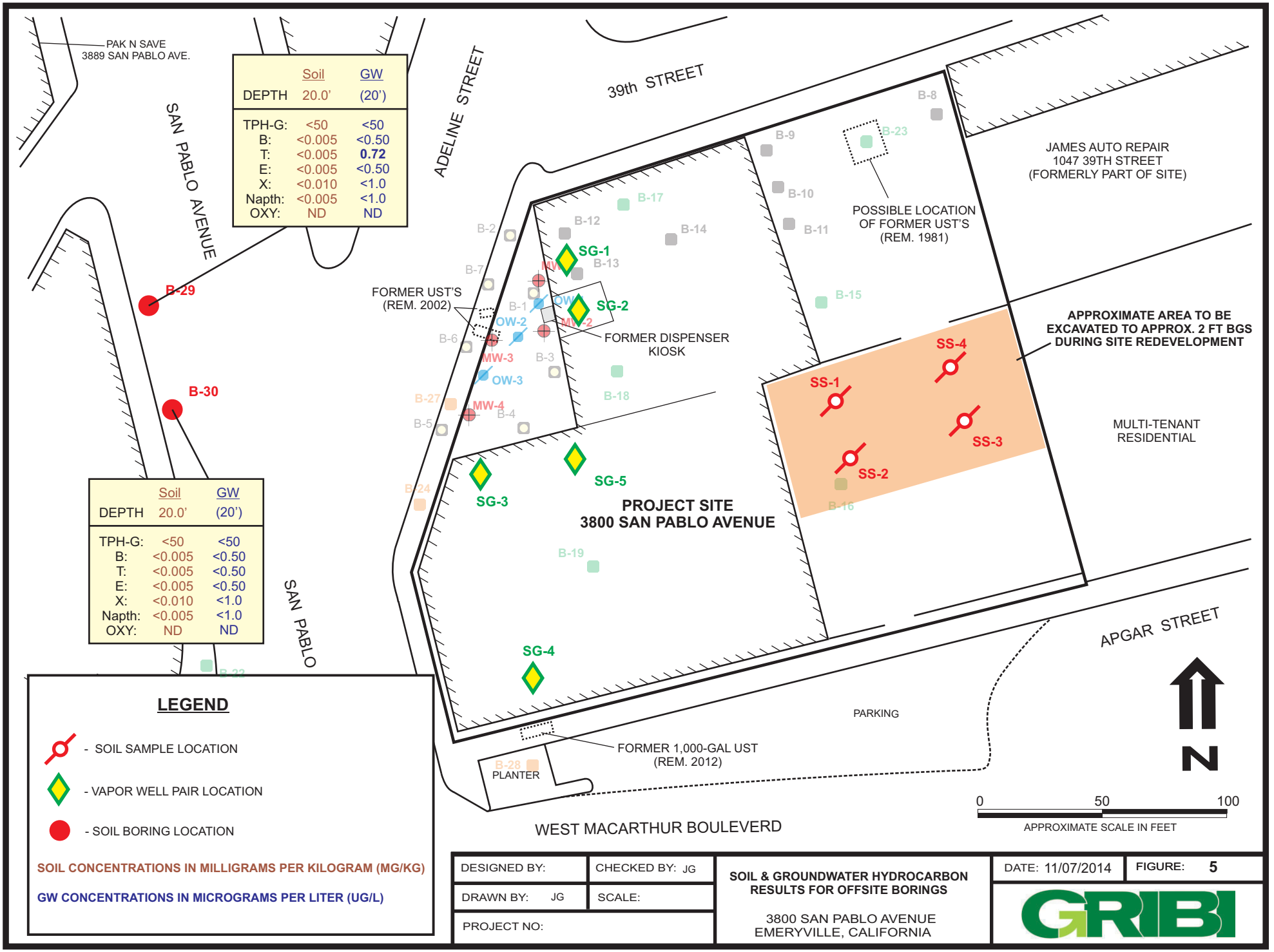
3800 SAN PABLO AVENUE
EMERYVILLE, CALIFORNIA

DATE: 11/07/2014

FIGURE: 3

GRIBI


DATE: 05/18/2012
Depth 8.61
TPH-G: 13,000
MTBE: <1.0
B: 1,400
T: 36
E: 350
X: 378
Depth (20.0)
TPH-D: <56
TPH-G: <50
B: <0.5
T: <0.5
E: <0.5
X: <0.5
OXY: ND
Depth (20.0)
TPH-D: NA
TPH-G: 54,000
B: 6,400
T: 120
E: 3,000
X: 2,300
OXY: ND
Depth (20.0)
TPH-D: <96
TPH-G: <50
B: <0.5
T: <0.5
E: <0.5
X: <0.5
OXY: ND
DATE: 05/18/2012
Depth 8.42
TPH-G: 17,000
MTBE: <1.0
B: 1,300
T: 29
E: 770
X: 260
Depth (22.0)
TPH-D: NA
TPH-G: 3,200
B: 46
T: 0.96
E: 12
X: <1.0
OXY: ND
DEPTH 12.0'
TPH-G: <50
B: <0.50
T: <0.50
E: <0.50
X: <1.0
OXY: ND
Depth (22.0)
TPH-D: <50
TPH-G: 94
B: <0.5
T: <0.5
E: <0.5
X: <1.0
OXY: ND
Depth (22.0)
TPH-D: NA
TPH-G: <50
B: <0.5
T: <0.5
E: <0.5
X: <1.0
OXY: ND
Depth (22.0)
TPH-D: NA
TPH-G: 68
B: <0.5
T: <0.5
E: <0.5
X: <1.0
OXY: ND
Depth (22.0)
TPH-D: NA
TPH-G: <50
B: <0.5
T: <0.5
E: <0.5
X: <1.0
OXY: ND
Depth (22.0)
TPH-D: NA
TPH-G: <50
B: <0.5
T: <0.5
E: <0.5
X: <1.0
OXY: ND
Depth (20.0)
TPH-D: <490
TPH-G: 44,000
B: 3,000
T: 120
E: 2,200
X: 1,200
OXY: ND
DEPTH (16.0)
TPH-G: 7,900
B: 1,100
T: 99
E: 1,500
X: 1,169
OXY: ND
Depth (20.0)
TPH-D: <400
TPH-G: 780,000
B: 240
T: <50
E: 1,400
X: 640
OXY: ND
DEPTH (17.0)
TPH-G: <50
B: <0.50
T: <0.50
E: <0.50
X: <1.0
OXY: ND
DEPTH 17'-23'
TPH-G: <50
B: <1.0
T: <1.0
E: <1.0
X: <2.0
OXY: NA
DEPTH 15'-23'
TPH-G: <50
B: <1.0
T: <1.0
E: <1.0
X: <2.0
OXY: NA
DEPTH 24'-31'
TPH-G: <50
B: <1.0
T: <1,0
E: <1.0
X: <2.0
OXY: NA
DEPTH 24'
TPH-G: <50
B: <0.50
T: <0.50
E: <0.50
X <1.0
1,2-DCA: 1.4
Depth (22.0)
TPH-D: 1,400
TPH-G: 9,100
B: 270
T: 4.0
E: 390
X: 52.4
OXY: ND
DEPTH 13'-24'
TPH-G: 560
B: <0.50
T: <0.50
E: <0.50
X: <1.0
S-BB: 1.6
NAPHTH: 2.5
1,2,4-TMB: 1.3
DATE: 05/18/2012
Depth 8.26
TPH-G: 10,000
MTBE: <1.0
B: 82
T: 32
E: 330
X: 278
Depth (20.0)
TPH-D: <120
TPH-G: <100
B: <0.5
T: <0.5
E: 0.55
X: <0.5
OXY: ND
DEPTH 13'-24'
TPH-G: <50
B: <0.50
T: <0.50
E: <0.50
X: <0.10
OXY: ND
Depth (20.0)
TPH-D: <54
TPH-G: 4,500
B: 7.5
T: <2.5
E: 2.7
X: <5.0
OXY: ND
DATE: 05/18/2012
Depth 8.78
TPH-G: 10,000
MTBE: <1.0
B: 610
T: 26
E: 340
X: 69
DEPTH (24')
TPH-G: <50
B: <0.50
T: <0.50
E: <0.50
X <1.0
1,2-DCA: 1.0
Depth (17.0)
TPH-D: 910
TPH-G: <0.50
B: <0.50
T: <0.50
E: <0.50
X: <1.0
OXY: ND
SAN PABLO AVENUE
ADELINE
APGAR ST
9th
FORMER UST'S (REM. 2002)
POSSIBLE LOCATION OF FORMER UST'S (REM. 1981)
TPH-G = 10,000 UG/L
B-1
B-2
B-3
B-4
B-5
B-6
B-7
B-8
B-9
B-10
B-11
B-12
B-13
B-14
B-15
B-16
B-17
B-18
B-19
B-20
B-21
B-22
B-23
B-24
B-27
B-28
MW-1
MW-2
MW-3
MW-4
OW-1
OW-2
OW-3
?
?
LEGEND
- OZONE INJECTION WELL (GRIBI, FEB 2013)
- SOIL BORING (GRIBI, FEB 2013)
- MONITORING WELL (GRIBI, MAY 2012)
- SOIL BORING (GRIBI, MAY 2012)
- SOIL BORING (GRIBI, DECEMBER 2011)
- SOIL BORING (ESTC, MAY 2007)
Depth: Boring depth
TPH-D: Total Petroleum Hydrocarbons as Diesel
TPH-G: Total Petroleum Hydrocarbons as Gasoline
B: Benzene
T: Toluene
E: Ethylbenzene
X: Xylenes
OXY: Oxygenates
ND Nondetect
NA Not analyzed
Concentrations in micrograms per liter
CONCENTRATIONS IN MICROGRAMS PER LITER (UG/L)
0
50
100
APPROXIMATE SCALE IN FEET
N
DESIGNED BY:
CHECKED BY: JG
DRAWN BY: JG
SCALE:
PROJECT NO:
HISTORICAL GROUNDWATER HYDROCARBON RESULTS
3800 SAN PABLO AVENUE
EMERYVILLE, CALIFORNIA
DATE: 11/07/2014
FIGURE: 4
GRIBI



	Soil	GW
DEPTH	20.0'	(20')
TPH-G:	<50	<50
B:	<0.005	<0.50
T:	<0.005	**0.72**
E:	<0.005	<0.50
X:	<0.010	<1.0
Napth:	<0.005	<1.0
OXY:	ND	ND

	Soil	GW
DEPTH	20.0'	(20')
TPH-G:	<50	<50
B:	<0.005	<0.50
T:	<0.005	<0.50
E:	<0.005	<0.50
X:	<0.010	<1.0
Napth:	<0.005	<1.0
OXY:	ND	ND

LEGEND

- SOIL SAMPLE LOCATION
- VAPOR WELL PAIR LOCATION
- SOIL BORING LOCATION

SOIL CONCENTRATIONS IN MILLIGRAMS PER KILOGRAM (MG/KG)

GW CONCENTRATIONS IN MICROGRAMS PER LITER (UG/L)

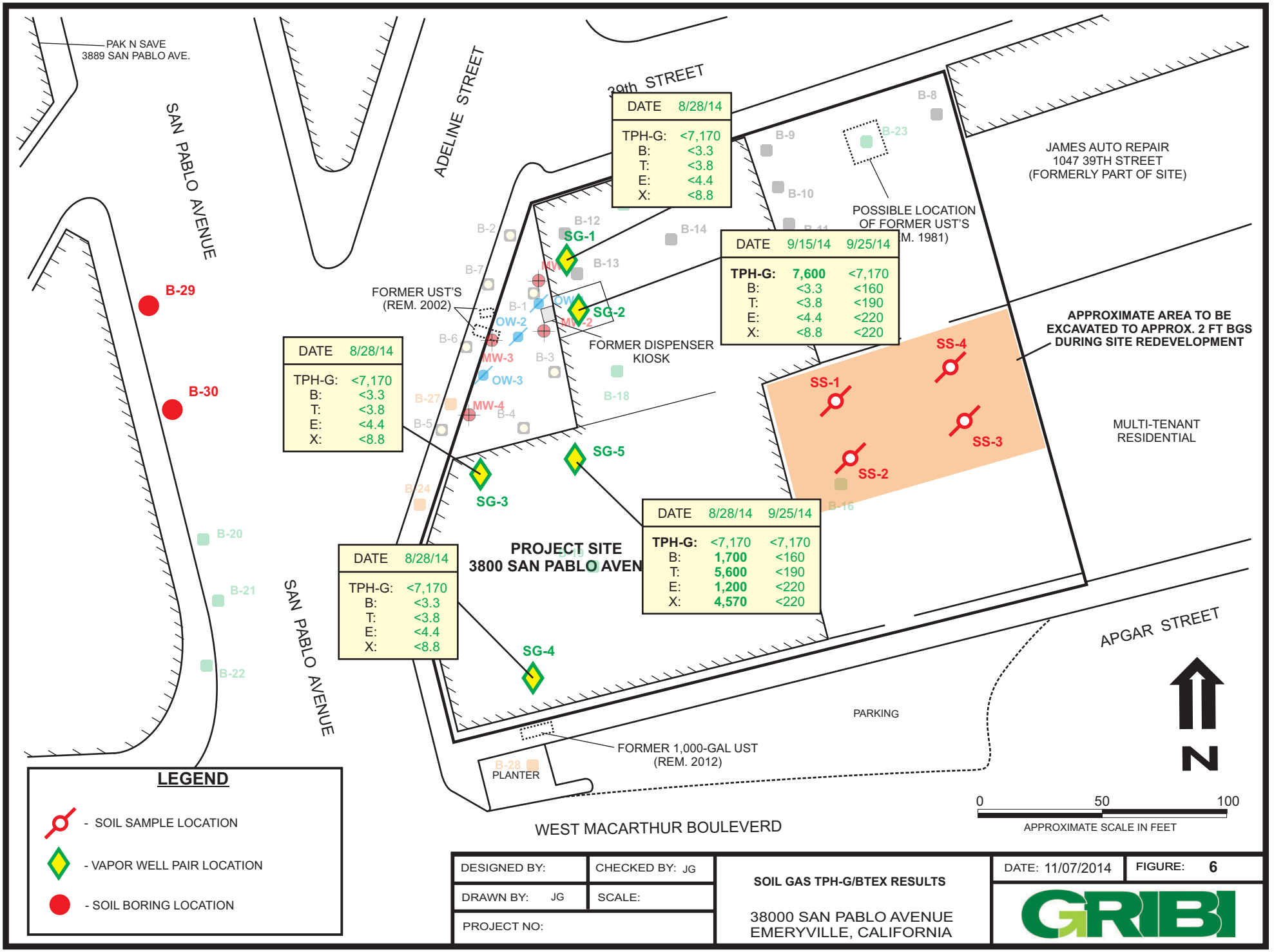
DESIGNED BY:	CHECKED BY: JG
DRAWN BY: JG	SCALE:
PROJECT NO:	

SOIL & GROUNDWATER HYDROCARBON RESULTS FOR OFFSITE BORINGS

3800 SAN PABLO AVENUE
EMERYVILLE, CALIFORNIA

DATE: 11/07/2014 FIGURE: 5

GRIBI



DESIGNED BY:	CHECKED BY: JG	SOIL GAS TPH-G/BTEX RESULTS	DATE: 11/07/2014 FIGURE: 6
DRAWN BY: JG	SCALE:		
PROJECT NO:		38000 SAN PABLO AVENUE EMERYVILLE, CALIFORNIA	GRIBI

APPENDIX A

REGULATORY PERMITS

Alameda County Public Works Agency - Water Resources Well Permit

Public Works Agency
Alameda County

399 Elmhurst Street
Hayward, CA 94544-1395
Telephone: (510)670-6633 Fax:(510)782-1939

Application Approved on: 08/01/2014 By jamesy

Permit Numbers: W2014-0726
Permits Valid from 08/19/2014 to 08/20/2014

Application Id: 1406933172967 **City of Project Site:** Emeryville
Site Location: 3800 San Pablo Avenue, Emeryville, CA
Project Start Date: 08/19/2014 **Completion Date:** 08/20/2014
Assigned Inspector: Contact Sam Brathwaite at (925) 570-7609 or sbrathwaite@groundzonees.com

Applicant: Gribi - James Gribi **Phone:** 707-748-7743
1090 Adams St Ste K, Benicia, CA 94510
Property Owner: Elaine Kirk Marks Mgmt. Co **Phone:** --
505 Sansome St, San Francisco, CA 94111
Client: ** same as Property Owner **

Total Due: $265.00
Receipt Number: WR2014-0315 **Total Amount Paid:** $265.00
Payer Name : Gribi Paid By: CHECK **PAID IN FULL**

Works Requesting Permits:

Borehole(s) for Investigation-Contamination Study - 6 Boreholes
Driller: Gregg - Lic #: 485165 - Method: hstem **Work Total: $265.00**

Specifications

Permit Number	Issued Dt	Expire Dt	# Boreholes	Hole Diam	Max Depth
W2014-0726	08/01/2014	11/17/2014	6	2.50 in.	20.00 ft

Specific Work Permit Conditions

1. Backfill bore hole by tremie with cement grout or cement grout/sand mixture. Upper two-three feet replaced in kind or with compacted cuttings. All cuttings remaining or unused shall be containerized and hauled off site. The containers shall be clearly labeled to the ownership of the container and labeled hazardous or non-hazardous.

2. Boreholes shall not be left open for a period of more than 24 hours. All boreholes left open more than 24 hours will need approval from Alameda County Public Works Agency, Water Resources Section. All boreholes shall be backfilled according to permit destruction requirements and all concrete material and asphalt material shall be to Caltrans Spec or County/City Codes. No borehole(s) shall be left in a manner to act as a conduit at any time.

3. Permittee shall assume entire responsibility for all activities and uses under this permit and shall indemnify, defend and save the Alameda County Public Works Agency, its officers, agents, and employees free and harmless from any and all expense, cost, liability in connection with or resulting from the exercise of this Permit including, but not limited to, properly damage, personal injury and wrongful death.

4. Prior to any drilling activities, it shall be the applicant's responsibility to contact and coordinate an Underground Service Alert (USA), obtain encroachment permit(s), excavation permit(s) or any other permits or agreements required for that Federal, State, County or City, and follow all City or County Ordinances. No work shall begin until all the permits and requirements have been approved or obtained. It shall also be the applicants responsibilities to provide to the Cities or to Alameda County an Traffic Safety Plan for any lane closures or detours planned. No work shall begin until all the permits and requirements have been approved or obtained.

5. Applicant shall contact assigned inspector listed on the top of the permit at least five (5) working days prior to starting,

once the permit has been approved. Confirm the scheduled date(s) at least 24 hours prior to drilling.

6. Copy of approved drilling permit must be on site at all times. Failure to present or show proof of the approved permit application on site shall result in a fine of $500.00.

7. NOTE:
Under California laws, the owner/operator are responsible for reporting the contamination to the governmental regulatory agencies under Section 25295(a). The owner/operator is liable for civil penalties under Section 25299(a)(4) and criminal penalties under Section 25299(d) for failure to report a leak. The owner/operator is liable for civil penalties under Section 25299(b)(4) for knowing failure to ensure compliance with the law by the operator. These penalty provisions do not apply to a potential buyer.

8. Permit is valid only for the purpose specified herein. No changes in construction procedures, as described on this permit application. Boreholes shall not be converted to monitoring wells, without a permit application process.

CITY OF EMERYVILLE • DEPARTMENT OF PUBLIC WORKS
ENCROACHMENT PERMIT

APPLICANT Gribi Associates
CONTACT PERSON James Gribi
ADDRESS 1090 Adams Stree
Benicia, CA 94510
PHONE 707-748-7743 EMAIL jgribi@gribiassociates.com

OWNER/DEVELOPER Elain Kirk (Marks Management Co.)
ADDRESS 505 Sansome Street, Suite 1400
San Francisco, CA 94111
PHONE _____ EMAIL _____

CONTRACTOR DOING WORK Gregg Drilling
CONTACT PERSON Chris Pruner
ADDRESS 950 Howe Road
Martinez, CA 94553
PHONE 925-313-5800 EMAIL cpruner@greggdrilling.com

LICENSE NO. 485165 CLASS C-57

☒Yes ☐No CURRENT CITY BUSINESS LICENSE ON FILE
☐Yes ☐No PROVIDE PROOF OF INSURANCE

FOR CITY USE ONLY
Permit No. 20147339 Date 8-6-14
☐ *Temporary Permit* #_____ *days* ☐ *Long Term Permit*
Permit Administrative Fee.....$ 175
"No Parking" Signs..... 2 x $ 4 .....$ 8
Permit Inspection Deposit (2 hr. min.).....$ 202
Cost Recovery Estimate.....$ _____
Arborist Recovery Estimate.....$ _____
Long Term Permit Fee (____mos. x ____)$ _____
Tree Removal Fee.....$ _____
Tree Protection Deposit (value x 3 + $10,000) $ _____
Required Security Deposit:
☒ $1,000 cash.....$ 1000
☐ $10,000 Bond.....Bond # _____
☐100% Performance Bond, Bond # _____
Bond Value $ _____
Total Payment Required.....$ 1385
Receipt # _____ Date _____ Amt. Received:$ _____
☐ Business License ☐ Certificate of Insurance

EST. START DATE 8/19/14 EST. COMPLETION DATE 8/19/14 EST. COST IN CITY R/W $2,000

LOCATION OF WORK South bond of San Pablo Avenue

CHECK ALL CONDITIONS THAT APPLY:
☐ **Traffic Control** ☐**Survey** ☐ **Sidewalk Detour** ☐**Dumpster** ☒**Temporary No Parking** ☐ **Construction** ☐ **Sidewalk** ☐ **Obstruction**
☐ **Private Facilities on Public Right of Way** ☐ **Driveway Approach** ☐**Curb & Gutter** ☐**Pedestrian Ramp** ☐**Water Service** ☐**Fence**
☐ **Excavation** ☐**Electric Service** ☐**Roof Drain** ☐**Utility Maintenance** ☐**Access Road** ☐**Monitoring Well** ☐ **Sewer Lateral** ☐**Crane**
☐ **Storm Drain** ☐**Block Party** ☐**Gas Service**

FULLY DESCRIBE PROPOSED WORK WITHIN CITY RIGHT-OF-WAY (additional space on reverse if needed): Attach 3 complete sets of plans 8 ½ X 11, if applicable.

Two soil borings (B29 and B-30) will be drilled to 20 feet in depth using direct-push coring equipment. Continuous sol cores will be collected to total boring depth, and portion of the soil cores will be removed for preservation and laboratory analysis. One grab groundwater sample will be collected from each of the borings. After completion, the two soil borings will be grouted to match surface grade.

I hereby agree to protect and indemnify the City of Emeryville and hold it harmless in every way from all claim or suits for injury or damage to persons or property as set forth in the Standard Provisions. I agree not to begin construction until all materials to be used are on hand; to perform all work in accordance with the plans submitted (if any), the Standard Provisions to Encroachment Permit, and all applicable Special Conditions of Approval, and to pay all inspection and engineering costs in addition to those paid at the time of issuance of this permit. I further agree to complete the work to the satisfaction of the City Engineer and if for any reason the City of Emeryville is required to complete this work, I will pay all costs for such work.

Applicant Signature James Gribi Date 7/31/14

FOR CITY USE ONLY

The following documents are attached and incorporated into this permit and have been given to the applicant:

□ Standard Provisions to Encroachment Permit □ Special Conditions of Approval
□ City Standard Details (List Details) □ Handout, Urban Runoff BMP's

□Other _____

Remarks _____

_____

_____

□ 48 HOUR NOTICE PRIOR TO START OF WORK
□ PROVIDE CONSTRUCTION SCHEDULE 5 DAYS PRIOR TO START OF WORK
□ AS-BUILT PLANS REQUIRED
□ PLEASE CALL FOR INSPECTION AT 510-596-4333
□ PLEASE NOTIFY POLICE (510-596-3700) AND FIRE (510-596-3750) 24 HOURS IN ADVANCE.
This permit is void unless the work is completed before October 1, 20 14
This permit is to be strictly construed and no other work than is specifically mentioned is hereby authorized.

After final inspection is approved, please contact the Public Works Department at 510-596-4330 to determine final cost, and for final payment or reimbursement of deposit. Failure to obtain approval of a Final Inspection of the work covered by this Encroachment Permit within one (1) year of the estimated completion date shall result in the loss of the security deposit which shall be retained by the City of Emeryville.

APPROVED [signature] TITLE Sr. Civil Engineer DATE 8/7/14

FINAL INSPECTION APPROVED _____ TITLE _____ DATE _____

APPENDIX B

SOIL BORING LOGS

LOG OF SOIL BORING

BORING NUMBER : **B-29**

BORING LOCATION:

BORING TYPE: SOIL BORING

PROJECT NAME: FORMER MAZ GLASS SITE
EMERYVILLE, CALIFORNIA

FIELD SCIENTIST: J. GRIBI
R. BET-YONAN

GRIBI ASSOCIATES

START DATE: 08/28/2014

COMPLETION DATE: 08/28/2014

DRILLING CONTRACTOR: GREGG DRILLING, INC.

DRILLING METHOD: DIRECT PUSH

BOREHOLE DIAMETER: 2.5 INCHES

COMPLETION METHOD: BORING

BORING TOTAL DEPTH: 24.0 FEET

GROUNDWATER DEPTH: INITIAL: 22.0 FT
FINAL: 14.0 FT

DEPTH SCALE (FEET)	SAMPLE NO.	SAMPLE DEPTH	INTERVAL	PID READING & BLOW COUNTS (▽ - INITIAL, ▼ - FINAL)	USCS	LOG OF MATERIAL
0						0.0 - 2.0 ft. Asphalt and Concrete
					ML	2.0 - 10.5 ft. **Gravelly Silt (ML)** Light brown, firm, dry to moist no hydrocarbon odors or staining
5				PID = 0		
10					CL	10.5 - 19.0 ft. **Clay (CL)** Light grey, firm, few fine pebble clasts, no hydrocarbon odor. or staining
				PID = 0 ▼		
15						
20	B-29-20.0 09:15	20.0 FT.		PID = 0 ▽	ML	19.0 - 24.0 ft. **Gravelly Silt (ML) to Fine Sand** Light brown, moist to wet, no hydrocarbon odor or staining
25						TOTAL DEPTH: 24 FEET BGS. GROUNDWATER SAMPLE B-29-W COLLECTED AT 11:20
30						

LOG OF SOIL BORING

BORING NUMBER : **B-30**

BORING LOCATION:

BORING TYPE: SOIL BORING

PROJECT NAME: FORMER MAZ GLASS SITE
EMERYVILLE, CALIFORNIA

FIELD SCIENTIST: J. GRIBI
R. BET-YONAN

GRIBI ASSOCIATES

START DATE: 08/28/2014

COMPLETION DATE: 08/28/2014

DRILLING CONTRACTOR: GREGG DRILLING, INC.

DRILLING METHOD: DIRECT PUSH

BOREHOLE DIAMETER: 2.5 INCHES

COMPLETION METHOD: BORING

BORING TOTAL DEPTH: 23.0 FEET

GROUNDWATER DEPTH: INITIAL: 22.0 FT
FINAL: 17.0 FT

DEPTH SCALE (FEET)	SAMPLE NO.	SAMPLE DEPTH	INTERVAL	PID READING & BLOW COUNTS (▽ - INITIAL, ▼ - FINAL)	USCS	LOG OF MATERIAL
						0.0 - 1.5 ft. Asphalt and Concrete Cleared using hand auger
					ML	1.5 - 5.0 ft. **Gravelly Silt (ML)** Cleared using hand auger Dark brown to brown, dry, no odor or staining
5					ML	5.0 - 8.0 ft. **Gravelly Silt (ML)** Light brown, dry, hard, no odor or staining
				PID = 0	ML	8.0 - 11.0 ft. **Clayey Silt (ML)** Light brown to light grey, some moisture, hard, no hydrocarbon odor or staining
10					ML	11.0 - 14.0 ft. **Clayey Silt (ML)** Light brown w/grey streaks, soft, some moisture, hard, no hydrocarbon odor or staining
				PID = 0	ML	14.0 - 16.0 ft. **Clayey Silt (ML)** Partial recovery, light brown w/grey streaks, some moisture, fine pebbles, no hydrocarbon odor or staining
15				▼	SC	16.0 - 20.0 ft. **Clayey Silty-Sand (SC)** Brown, moist, fine, no hydrocarbon odor or staining
20	B-30-20.0 10:44	20.0 FT.		PID = 0 ▽	ML	20.0 - 23.0 ft. **Clayey Sandy Silt (ML)** Partial Recovery Brown, most to wet, fine, no hydrocarbon odor or staining
25						TOTAL DEPTH: 23 FEET BGS. GROUNDWATER SAMPLE B-30-W COLLECTED AT 14:15
30						COLLECTED GRAB GROUNDWATER SAMPLE B-30-W at 14:15

APPENDIX C

LABORATORY DATA REPORTS AND CHAIN OF CUSTODY RECORDS

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

25712 Commercentre Drive
Lake Forest, California 92630
949.297.5020 Phone
949.297.5027 Fax

09 September 2014

Jim Gribi
Gribi Associates
1090 Adam Street, Suite K
Benicia, CA 94510

RE: Maz Glass

Enclosed are the results of analyses for samples received by the laboratory on 08/30/14 10:20. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Katherine RunningCrane
Project Manager

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

25712 Commercentre Drive
Lake Forest, California 92630
949.297.5020 Phone
949.297.5027 Fax

Gribi Associates	Project: Maz Glass	
1090 Adam Street, Suite K	Project Number: [none]	**Reported:**
Benicia CA, 94510	Project Manager: Jim Gribi	09/09/14 16:14

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
B-29-20.0	T141798-01	Soil	08/28/14 09:15	08/30/14 10:20
B-29-W	T141798-02	Water	08/28/14 11:20	08/30/14 10:20
B-30-20.0	T141798-03	Soil	08/28/14 10:44	08/30/14 10:20
B-30-W	T141798-04	Water	08/28/14 14:15	08/30/14 10:20

DETECTIONS SUMMARY

Sample ID: B-29-20.0 **Laboratory ID:** T141798-01

No Results Detected

Sample ID: B-29-W **Laboratory ID:** T141798-02

Analyte	Result	Reporting Limit	Units	Method	Notes
Toluene	**0.72**	0.50	ug/l	EPA 8260B	

Sample ID: B-30-20.0 **Laboratory ID:** T141798-03

No Results Detected

Sample ID: B-30-W **Laboratory ID:** T141798-04

No Results Detected

SunStar Laboratories, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Katherine RunningCrane, Project Manager

SunStar Laboratories, Inc.
Providing Quality Analytical Services Nationwide

25712 Commercentre Drive
Lake Forest, California 92630
949.297.5020 Phone
949.297.5027 Fax

Gribi Associates	Project: Maz Glass	
1090 Adam Street, Suite K	Project Number: [none]	**Reported:**
Benicia CA, 94510	Project Manager: Jim Gribi	09/09/14 16:14

SunStar Laboratories, Inc.
Providing Quality Analytical Services Nationwide

25712 Commercentre Drive
Lake Forest, California 92630
949.297.5020 Phone
949.297.5027 Fax

Gribi Associates	Project: Maz Glass	
1090 Adam Street, Suite K	Project Number: [none]	**Reported:**
Benicia CA, 94510	Project Manager: Jim Gribi	09/09/14 16:14

B-29-20.0

T141798-01 (Soil)

SunStar Laboratories, Inc.

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Naphthalene	ND	5.0	ug/kg	1	4090252	09/02/14	09/03/14	EPA 8260B	
Benzene	ND	5.0	"	"	"	"	"	"	
Toluene	ND	5.0	"	"	"	"	"	"	
Ethylbenzene	ND	5.0	"	"	"	"	"	"	
m,p-Xylene	ND	10	"	"	"	"	"	"	
o-Xylene	ND	5.0	"	"	"	"	"	"	
C6-C12 (GRO)	ND	500	"	"	"	"	"	"	
Surrogate: Toluene-d8		*102 %*	*85.5-116*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*96.1 %*	*81.2-123*		"	"	"	"	
Surrogate: Dibromofluoromethane		*108 %*	*95.7-135*		"	"	"	"	

SunStar Laboratories, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Katherine RunningCrane, Project Manager

SunStar Laboratories, Inc.
Providing Quality Analytical Services Nationwide

25712 Commercentre Drive
Lake Forest, California 92630
949.297.5020 Phone
949.297.5027 Fax

Gribi Associates	Project: Maz Glass	
1090 Adam Street, Suite K	Project Number: [none]	**Reported:**
Benicia CA, 94510	Project Manager: Jim Gribi	09/09/14 16:14

B-29-W

T141798-02 (Water)

SunStar Laboratories, Inc.

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Naphthalene	ND	1.0	ug/l	1	4090250	09/02/14	09/03/14	EPA 8260B	
Benzene	ND	0.50	"	"	"	"	"	"	
Toluene	**0.72**	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
m,p-Xylene	ND	1.0	"	"	"	"	"	"	
o-Xylene	ND	0.50	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	2.0	"	"	"	"	"	"	
Tert-butyl alcohol	ND	10	"	"	"	"	"	"	
Di-isopropyl ether	ND	2.0	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	2.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	1.0	"	"	"	"	"	"	
C6-C12 (GRO)	ND	50	"	"	"	"	"	"	
Surrogate: Toluene-d8		*91.2 %*	*88.8-117*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*90.8 %*	*83.5-119*		"	"	"	"	
Surrogate: Dibromofluoromethane		*123 %*	*81.1-136*		"	"	"	"	

Katherine RunningCrane, Project Manager

SunStar Laboratories, Inc.
Providing Quality Analytical Services Nationwide

25712 Commercentre Drive
Lake Forest, California 92630
949.297.5020 Phone
949.297.5027 Fax

Gribi Associates	Project: Maz Glass	
1090 Adam Street, Suite K	Project Number: [none]	**Reported:**
Benicia CA, 94510	Project Manager: Jim Gribi	09/09/14 16:14

B-30-20.0

T141798-03 (Soil)

SunStar Laboratories, Inc.

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Naphthalene	ND	5.0	ug/kg	1	4090252	09/02/14	09/03/14	EPA 8260B	
Benzene	ND	5.0	"	"	"	"	"	"	
Toluene	ND	5.0	"	"	"	"	"	"	
Ethylbenzene	ND	5.0	"	"	"	"	"	"	
m,p-Xylene	ND	10	"	"	"	"	"	"	
o-Xylene	ND	5.0	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	20	"	"	"	"	"	"	
Tert-butyl alcohol	ND	50	"	"	"	"	"	"	
Di-isopropyl ether	ND	20	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	20	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	20	"	"	"	"	"	"	
C6-C12 (GRO)	ND	500	"	"	"	"	"	"	
Surrogate: Toluene-d8		*100 %*	*85.5-116*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*94.5 %*	*81.2-123*		"	"	"	"	
Surrogate: Dibromofluoromethane		*104 %*	*95.7-135*		"	"	"	"	

SunStar Laboratories, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Katherine RunningCrane, Project Manager

SunStar Laboratories, Inc.
Providing Quality Analytical Services Nationwide

25712 Commercentre Drive
Lake Forest, California 92630
949.297.5020 Phone
949.297.5027 Fax

Gribi Associates	Project: Maz Glass	
1090 Adam Street, Suite K	Project Number: [none]	**Reported:**
Benicia CA, 94510	Project Manager: Jim Gribi	09/09/14 16:14

B-30-W

T141798-04 (Water)

SunStar Laboratories, Inc.

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Naphthalene	ND	1.0	ug/l	1	4090250	09/02/14	09/03/14	EPA 8260B	
Benzene	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
m,p-Xylene	ND	1.0	"	"	"	"	"	"	
o-Xylene	ND	0.50	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	2.0	"	"	"	"	"	"	
Tert-butyl alcohol	ND	10	"	"	"	"	"	"	
Di-isopropyl ether	ND	2.0	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	2.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	1.0	"	"	"	"	"	"	
C6-C12 (GRO)	ND	50	"	"	"	"	"	"	
Surrogate: Toluene-d8		*93.0 %*	*88.8-117*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*92.5 %*	*83.5-119*		"	"	"	"	
Surrogate: Dibromofluoromethane		*126 %*	*81.1-136*		"	"	"	"	

SunStar Laboratories, Inc.
Providing Quality Analytical Services Nationwide

25712 Commercentre Drive
Lake Forest, California 92630
949.297.5020 Phone
949.297.5027 Fax

Gribi Associates	Project: Maz Glass	
1090 Adam Street, Suite K	Project Number: [none]	**Reported:**
Benicia CA, 94510	Project Manager: Jim Gribi	09/09/14 16:14

Volatile Organic Compounds by EPA Method 8260B - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 4090250 - EPA 5030 GCMS										
Blank (4090250-BLK1)				Prepared: 09/02/14 Analyzed: 09/03/14						
Naphthalene	ND	1.0	ug/l							
Benzene	ND	0.50	"							
Toluene	ND	0.50	"							
Ethylbenzene	ND	0.50	"							
m,p-Xylene	ND	1.0	"							
o-Xylene	ND	0.50	"							
C6-C12 (GRO)	ND	50	"							
Surrogate: Toluene-d8	*7.43*		"	*8.00*		*92.9*	*88.8-117*			
Surrogate: 4-Bromofluorobenzene	*7.02*		"	*8.00*		*87.8*	*83.5-119*			
Surrogate: Dibromofluoromethane	*8.50*		"	*8.00*		*106*	*81.1-136*			
LCS (4090250-BS1)				Prepared: 09/02/14 Analyzed: 09/03/14						
Chlorobenzene	21.4	1.0	ug/l	20.0		107	75-125			
1,1-Dichloroethene	23.5	1.0	"	20.0		118	75-125			
Trichloroethene	20.7	1.0	"	20.0		104	75-125			
Benzene	21.5	0.50	"	20.0		108	75-125			
Toluene	16.6	0.50	"	20.0		83.0	75-125			
Surrogate: Toluene-d8	*7.19*		"	*8.00*		*89.9*	*88.8-117*			
Surrogate: 4-Bromofluorobenzene	*8.12*		"	*8.00*		*102*	*83.5-119*			
Surrogate: Dibromofluoromethane	*9.52*		"	*8.00*		*119*	*81.1-136*			
Matrix Spike (4090250-MS1)		**Source: T141799-21**		Prepared: 09/02/14 Analyzed: 09/03/14						
Chlorobenzene	21.5	1.0	ug/l	20.0	ND	107	75-125			
1,1-Dichloroethene	22.5	1.0	"	20.0	ND	112	75-125			
Trichloroethene	17.2	1.0	"	20.0	ND	86.0	75-125			
Benzene	22.0	0.50	"	20.0	6.71	76.4	75-125			
Toluene	17.4	0.50	"	20.0	ND	87.0	75-125			
Surrogate: Toluene-d8	*7.20*		"	*8.00*		*90.0*	*88.8-117*			
Surrogate: 4-Bromofluorobenzene	*8.24*		"	*8.00*		*103*	*83.5-119*			
Surrogate: Dibromofluoromethane	*10.2*		"	*8.00*		*128*	*81.1-136*			

SunStar Laboratories, Inc.
Providing Quality Analytical Services Nationwide

25712 Commercentre Drive
Lake Forest, California 92630
949.297.5020 Phone
949.297.5027 Fax

Gribi Associates	Project: Maz Glass	
1090 Adam Street, Suite K	Project Number: [none]	**Reported:**
Benicia CA, 94510	Project Manager: Jim Gribi	09/09/14 16:14

Volatile Organic Compounds by EPA Method 8260B - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 4090250 - EPA 5030 GCMS										
Matrix Spike Dup (4090250-MSD1)	**Source: T141799-21**			Prepared: 09/02/14	Analyzed: 09/03/14					
Chlorobenzene	21.7	1.0	ug/l	20.0	ND	108	75-125	1.11	20	
1,1-Dichloroethene	22.6	1.0	"	20.0	ND	113	75-125	0.444	20	
Trichloroethene	16.6	1.0	"	20.0	ND	83.0	75-125	3.55	20	
Benzene	23.3	0.50	"	20.0	6.71	82.9	75-125	5.74	20	
Toluene	16.9	0.50	"	20.0	ND	84.3	75-125	3.21	20	
Surrogate: Toluene-d8	*7.18*		"	*8.00*		*89.8*	*88.8-117*			
Surrogate: 4-Bromofluorobenzene	*8.16*		"	*8.00*		*102*	*83.5-119*			
Surrogate: Dibromofluoromethane	*10.1*		"	*8.00*		*126*	*81.1-136*			
Batch 4090252 - EPA 5030 GCMS										
Blank (4090252-BLK1)				Prepared: 09/02/14	Analyzed: 09/03/14					
Naphthalene	ND	5.0	ug/kg							
Benzene	ND	5.0	"							
Toluene	ND	5.0	"							
Ethylbenzene	ND	5.0	"							
m,p-Xylene	ND	10	"							
o-Xylene	ND	5.0	"							
C6-C12 (GRO)	ND	500	"							
Surrogate: Toluene-d8	*39.7*		"	*40.0*		*99.2*	*85.5-116*			
Surrogate: 4-Bromofluorobenzene	*35.9*		"	*40.0*		*89.8*	*81.2-123*			
Surrogate: Dibromofluoromethane	*39.4*		"	*40.0*		*98.4*	*95.7-135*			
LCS (4090252-BS1)				Prepared: 09/02/14	Analyzed: 09/03/14					
Chlorobenzene	119	5.0	ug/kg	100		119	75-125			
1,1-Dichloroethene	116	5.0	"	100		116	75-125			
Trichloroethene	109	5.0	"	100		109	75-125			
Benzene	111	5.0	"	100		111	75-125			
Toluene	103	5.0	"	100		103	75-125			
Surrogate: Toluene-d8	*37.5*		"	*40.0*		*93.8*	*85.5-116*			
Surrogate: 4-Bromofluorobenzene	*41.8*		"	*40.0*		*105*	*81.2-123*			
Surrogate: Dibromofluoromethane	*45.0*		"	*40.0*		*112*	*95.7-135*			

Katherine RunningCrane, Project Manager

SunStar Laboratories, Inc.
Providing Quality Analytical Services Nationwide

25712 Commercentre Drive
Lake Forest, California 92630
949.297.5020 Phone
949.297.5027 Fax

Gribi Associates	Project: Maz Glass	
1090 Adam Street, Suite K	Project Number: [none]	**Reported:**
Benicia CA, 94510	Project Manager: Jim Gribi	09/09/14 16:14

Volatile Organic Compounds by EPA Method 8260B - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 4090252 - EPA 5030 GCMS										
Matrix Spike (4090252-MS1)	**Source: T141798-01**			Prepared: 09/02/14	Analyzed: 09/03/14					
Chlorobenzene	117	5.0	ug/kg	99.4	ND	117	75-125			
1,1-Dichloroethene	117	5.0	"	99.4	ND	117	75-125			
Trichloroethene	110	5.0	"	99.4	ND	110	75-125			
Benzene	117	5.0	"	99.4	ND	118	75-125			
Toluene	104	5.0	"	99.4	ND	104	75-125			
Surrogate: Toluene-d8	*37.4*		"	*39.8*		*94.0*	*85.5-116*			
Surrogate: 4-Bromofluorobenzene	*40.5*		"	*39.8*		*102*	*81.2-123*			
Surrogate: Dibromofluoromethane	*50.0*		"	*39.8*		*126*	*95.7-135*			
Matrix Spike Dup (4090252-MSD1)	**Source: T141798-01**			Prepared: 09/02/14	Analyzed: 09/03/14					
Chlorobenzene	114	5.0	ug/kg	100	ND	114	75-125	1.78	20	
1,1-Dichloroethene	118	5.0	"	100	ND	118	75-125	1.07	20	
Trichloroethene	99.0	5.0	"	100	ND	99.0	75-125	10.3	20	
Benzene	108	5.0	"	100	ND	108	75-125	8.05	20	
Toluene	94.2	5.0	"	100	ND	94.2	75-125	9.54	20	
Surrogate: Toluene-d8	*37.4*		"	*40.0*		*93.6*	*85.5-116*			
Surrogate: 4-Bromofluorobenzene	*41.8*		"	*40.0*		*104*	*81.2-123*			
Surrogate: Dibromofluoromethane	*50.3*		"	*40.0*		*126*	*95.7-135*			

SunStar Laboratories, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Katherine RunningCrane, Project Manager

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

25712 Commercentre Drive
Lake Forest, California 92630
949.297.5020 Phone
949.297.5027 Fax

Gribi Associates	Project: Maz Glass	
1090 Adam Street, Suite K	Project Number: [none]	**Reported:**
Benicia CA, 94510	Project Manager: Jim Gribi	09/09/14 16:14

Notes and Definitions

DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

SunStar Laboratories, Inc.
Katherine RunningCrane
Katherine RunningCrane, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

SunStar Laboratories, Inc.
25712 Commercentre Dr
Lake Forest, CA 92630
949-297-5020

Chain of Custody Record

Client: Gribi Associates
Address:
Phone: Fax:
Project Manager: J Gribi

Date: 8/29/14 Page: 1 Of 1
Project Name: Maz Glass Client Project #:
Collector: JG/RB EDF #:
Batch #: T141728

Sample ID	Date Sampled	Time	Sample Type	Container Type	8260	8260 + OXY	8260 BTEX, OXY ~~only~~ TPH-G, Napthal	8270	8021 BTEX	8015M (gasoline)	8015M (diesel)	8015M Ext./Carbon Chain	6010/7000 Title 22 Metals					Laboratory ID #	Comments/Preservative	Total # of containers
B-29-20.0	8/28/14	0915	Soil	Sleeve			X											01		
B-29-W		11:20	Wtr	4 VOAs			X											02		
B-30-20.0		1044	Soil	Sleeve			X											03		
B-30-W		1415	Wtr	4 Voas			X											04		

Relinquished by: (signature)	Date / Time	Received by: (signature)	Date / Time
[illegible]	8/29/14 915	[illegible]	8-29-14 930
GSO	8/30/14 1020	[illegible]	8/30/14 1026

Total # of containers	
Chain of Custody seals Y/N/NA	Y
Seals intact? Y/N/NA	Y
Received good condition/cold	Y

Notes: STD. TAT 8/30/14 5.6° OM

Turn around time:

Sample disposal Instructions: Disposal @ $2.00 each ___ Return to client ___ Pickup ___

COC 134765

K 9.5.14

SunStar Laboratories, Inc.
Providing Quality Analytical Services Nationwide

SAMPLE RECEIVING REVIEW SHEET

BATCH # TM1798

Client Name: Gribi Project: Maz Glass

Received by: Dan M. Date/Time Received: 8/30/14 1020

Delivered by : ☐ Client ☐ SunStar Courier ☒ GSO ☐ FedEx ☐ Other _____

Total number of coolers received 0 **Temp criteria = 6°C > 0°C (no frozen containers)**

Temperature: cooler #1 20.2 °C +/- the CF (- 0.2°C) = 20.0 °C corrected temperature

cooler #2 _____°C +/- the CF (- 0.2°C) = _____°C corrected temperature

cooler #3 _____°C +/- the CF (- 0.2°C) = _____°C corrected temperature

Samples outside temp. but received on ice, w/in 6 hours of final sampling.	☐Yes	☐No*	☒N/A
Custody Seals Intact on Cooler/Sample	☒Yes	☐No*	☐N/A
Sample Containers Intact	☒Yes	☐No*	
Sample labels match COC ID's	☒Yes	☐No*	
Total number of containers received match COC	☒Yes	☐No*	
Proper containers received for analyses requested on COC	☒Yes	☐No*	
Proper preservative indicated on COC/containers for analyses requested	☒Yes	☐No*	☐N/A

Complete shipment received in good condition with correct temperatures, containers, labels, volumes preservatives and within method specified holding times. ☒ **Yes** ☐ **No***

* Complete Non-Conformance Receiving Sheet if checked Cooler/Sample Review - Initials and date DM 8/30/14

Comments:

_____

_____

_____

_____

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

25712 Commercentre Drive
Lake Forest, California 92630
949.297.5020 Phone
949.297.5027 Fax

17 September 2014

Jim Gribi
Gribi Associates
1090 Adam Street, Suite K
Benicia, CA 94510

RE: Maz Glass

Enclosed are the results of analyses for samples received by the laboratory on 08/30/14 10:20. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Katherine RunningCrane
Project Manager

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

25712 Commercentre Drive
Lake Forest, California 92630
949.297.5020 Phone
949.297.5027 Fax

Gribi Associates	Project: Maz Glass	
1090 Adam Street, Suite K	Project Number: [none]	**Reported:**
Benicia CA, 94510	Project Manager: Jim Gribi	09/17/14 14:34

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SG-1	T141801-01	Air	08/28/14 16:04	08/30/14 10:20
SG-3	T141801-03	Air	08/28/14 15:09	08/30/14 10:20
SG-4	T141801-04	Air	08/28/14 15:33	08/30/14 10:20
SG-5	T141801-05	Air	08/28/14 15:50	08/30/14 10:20
PURGE	T141801-06	Air	08/28/14 16:30	08/30/14 10:20

DETECTIONS SUMMARY

Sample ID: SG-1 **Laboratory ID:** T141801-01

Analyte	Result	Reporting Limit	Units	Method	Notes
Heptane	**5.1**	4.2	ug/m³ Air	TO-15	
Oxygen	**14.2**	1.62	%	GC	
Nitrogen	**62.1**	0.62	%	GC	

Sample ID: SG-3 **Laboratory ID:** T141801-03

Analyte	Result	Reporting Limit	Units	Method	Notes
Oxygen	**16.6**	1.51	%	GC	
Nitrogen	**49.7**	0.51	%	GC	

Sample ID: SG-4 **Laboratory ID:** T141801-04

Analyte	Result	Reporting Limit	Units	Method	Notes
1,2,4-Trimethylbenzene	**13**	5.0	ug/m³ Air	TO-15	
Methane	**240**	7.7	ppm(v)	8015M	
Oxygen	**5.87**	1.54	%	GC	
Nitrogen	**52.3**	0.54	%	GC	

SunStar Laboratories, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Katherine RunningCrane, Project Manager

SunStar Laboratories, Inc.
Providing Quality Analytical Services Nationwide

25712 Commercentre Drive
Lake Forest, California 92630
949.297.5020 Phone
949.297.5027 Fax

Gribi Associates	Project: Maz Glass	
1090 Adam Street, Suite K	Project Number: [none]	**Reported:**
Benicia CA, 94510	Project Manager: Jim Gribi	09/17/14 14:34

Sample ID: SG-5 **Laboratory ID:** T141801-05

Analyte	Result	Reporting Limit	Units	Method	Notes
Benzene	**1700**	160	ug/m³ Air	TO-15	TO-14
Toluene	**5600**	190	ug/m³ Air	TO-15	TO-14
Ethylbenzene	**1200**	220	ug/m³ Air	TO-15	TO-14
m,p-Xylene	**3800**	220	ug/m³ Air	TO-15	TO-14
o-Xylene	**770**	220	ug/m³ Air	TO-15	TO-14
Methane	**150**	7.6	ppm(v)	8015M	
Oxygen	**12.5**	1.53	%	GC	
Nitrogen	**49.7**	0.53	%	GC	

Sample ID: PURGE **Laboratory ID:** T141801-06

Analyte	Result	Reporting Limit	Units	Method	Notes
Oxygen	**14.0**	1.58	%	GC	
Nitrogen	**53.5**	0.58	%	GC	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Katherine RunningCrane, Project Manager

SunStar Laboratories, Inc.
Providing Quality Analytical Services Nationwide

25712 Commercentre Drive
Lake Forest, California 92630
949.297.5020 Phone
949.297.5027 Fax

Gribi Associates	Project: Maz Glass	
1090 Adam Street, Suite K	Project Number: [none]	**Reported:**
Benicia CA, 94510	Project Manager: Jim Gribi	09/17/14 14:34

SG-1

T141801-01 (Air)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
TO-15									
Acetone	ND	12	ug/m³ Air	1.62	4090224	09/02/14	09/08/14	TO-15	
1,3-Butadiene	ND	4.5	"	"	"	"	"	"	
Carbon Disulfide	ND	3.2	"	"	"	"	"	"	
1,1,2-trichloro-1,2,2-trifluoroethane (CFC 113)	ND	7.7	"	"	"	"	"	"	
Isopropyl alcohol	ND	13	"	"	"	"	"	"	
Bromodichloromethane	ND	6.8	"	"	"	"	"	"	
Bromoform	ND	11	"	"	"	"	"	"	
Bromomethane	ND	4.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	6.4	"	"	"	"	"	"	
Chlorobenzene	ND	4.7	"	"	"	"	"	"	
Chloroethane	ND	2.7	"	"	"	"	"	"	
Chloroform	ND	5.0	"	"	"	"	"	"	
Chloromethane	ND	11	"	"	"	"	"	"	
Cyclohexane	ND	3.5	"	"	"	"	"	"	
Heptane	**5.1**	4.2	"	"	"	"	"	"	
Hexane	ND	3.6	"	"	"	"	"	"	
Dibromochloromethane	ND	8.7	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	7.8	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	6.1	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	6.1	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	6.1	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	5.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	4.1	"	"	"	"	"	"	
1,2-Dichloroethane	ND	4.1	"	"	"	"	"	"	
1,1-Dichloroethene	ND	4.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	4.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	4.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	4.7	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	4.6	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	4.6	"	"	"	"	"	"	
4-Ethyltoluene	ND	5.0	"	"	"	"	"	"	

SunStar Laboratories, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Katherine RunningCrane, Project Manager

SunStar Laboratories, Inc.
Providing Quality Analytical Services Nationwide

25712 Commercentre Drive
Lake Forest, California 92630
949.297.5020 Phone
949.297.5027 Fax

Gribi Associates	Project: Maz Glass	
1090 Adam Street, Suite K	Project Number: [none]	**Reported:**
Benicia CA, 94510	Project Manager: Jim Gribi	09/17/14 14:34

SG-1

T141801-01 (Air)

SunStar Laboratories, Inc.

TO-15

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Methylene chloride	ND	3.5	ug/m³ Air	1.62	4090224	09/02/14	09/08/14	TO-15	
Styrene	ND	4.3	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	7.0	"	"	"	"	"	"	
Tetrahydrofuran	ND	3.0	"	"	"	"	"	"	
Tetrachloroethene	ND	6.9	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	5.6	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	5.6	"	"	"	"	"	"	
Trichloroethene	ND	5.5	"	"	"	"	"	"	
Trichlorofluoromethane	ND	5.7	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	5.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	5.0	"	"	"	"	"	"	
Vinyl acetate	ND	3.6	"	"	"	"	"	"	
Vinyl chloride	ND	2.6	"	"	"	"	"	"	
1,4-Dioxane	ND	18	"	"	"	"	"	"	
2-Butanone (MEK)	ND	15	"	"	"	"	"	"	
4-Methyl-2-pentanone (MIBK)	ND	42	"	"	"	"	"	"	
Benzene	ND	3.3	"	"	"	"	"	"	
Toluene	ND	3.8	"	"	"	"	"	"	
Ethylbenzene	ND	4.4	"	"	"	"	"	"	
m,p-Xylene	ND	8.8	"	"	"	"	"	"	
o-Xylene	ND	4.4	"	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*77.4 %*	*40-160*		"	"	"	"	

Methane by GC

Methane	ND	8.1	ppm(v)	1.62	4090223	09/02/14	09/04/14	8015M	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Katherine RunningCrane, Project Manager

SunStar Laboratories, Inc.
Providing Quality Analytical Services Nationwide

25712 Commercentre Drive
Lake Forest, California 92630
949.297.5020 Phone
949.297.5027 Fax

Gribi Associates	Project: Maz Glass	
1090 Adam Street, Suite K	Project Number: [none]	**Reported:**
Benicia CA, 94510	Project Manager: Jim Gribi	09/17/14 14:34

SG-1

T141801-01 (Air)

SunStar Laboratories, Inc.

Total Volatile Organic Compounds by TO-3 (modified)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C6-C12 (GRO)	ND	7170	ug/m³ Air	1.62	4090228	09/02/14	09/06/14	TO-3/TO-14 m	

Fixed Gases ASTM D1946-90

Helium	ND	1.62	%	1.62	4090225	09/02/14	09/05/14	GC	
Carbon Dioxide	ND	1.62	"	"	"	"	"	"	
Oxygen	**14.2**	1.62	"	"	"	"	"	"	
Nitrogen	**62.1**	0.62	"	0.62	"	"	"	"	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Katherine RunningCrane, Project Manager

SunStar Laboratories, Inc.
Providing Quality Analytical Services Nationwide

25712 Commercentre Drive
Lake Forest, California 92630
949.297.5020 Phone
949.297.5027 Fax

Gribi Associates	Project: Maz Glass	
1090 Adam Street, Suite K	Project Number: [none]	**Reported:**
Benicia CA, 94510	Project Manager: Jim Gribi	09/17/14 14:34

SG-3

T141801-03 (Air)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
TO-15									
Acetone	ND	12	ug/m³ Air	1.51	4090224	09/02/14	09/08/14	TO-15	
1,3-Butadiene	ND	4.5	"	"	"	"	"	"	
Carbon Disulfide	ND	3.2	"	"	"	"	"	"	
1,1,2-trichloro-1,2,2-trifluoroethane (CFC 113)	ND	7.7	"	"	"	"	"	"	
Isopropyl alcohol	ND	13	"	"	"	"	"	"	
Bromodichloromethane	ND	6.8	"	"	"	"	"	"	
Bromoform	ND	11	"	"	"	"	"	"	
Bromomethane	ND	4.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	6.4	"	"	"	"	"	"	
Chlorobenzene	ND	4.7	"	"	"	"	"	"	
Chloroethane	ND	2.7	"	"	"	"	"	"	
Chloroform	ND	5.0	"	"	"	"	"	"	
Chloromethane	ND	11	"	"	"	"	"	"	
Cyclohexane	ND	3.5	"	"	"	"	"	"	
Heptane	ND	4.2	"	"	"	"	"	"	
Hexane	ND	3.6	"	"	"	"	"	"	
Dibromochloromethane	ND	8.7	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	7.8	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	6.1	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	6.1	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	6.1	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	5.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	4.1	"	"	"	"	"	"	
1,2-Dichloroethane	ND	4.1	"	"	"	"	"	"	
1,1-Dichloroethene	ND	4.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	4.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	4.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	4.7	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	4.6	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	4.6	"	"	"	"	"	"	
4-Ethyltoluene	ND	5.0	"	"	"	"	"	"	

Katherine RunningCrane, Project Manager

SunStar Laboratories, Inc.
Providing Quality Analytical Services Nationwide

25712 Commercentre Drive
Lake Forest, California 92630
949.297.5020 Phone
949.297.5027 Fax

Gribi Associates	Project: Maz Glass	
1090 Adam Street, Suite K	Project Number: [none]	**Reported:**
Benicia CA, 94510	Project Manager: Jim Gribi	09/17/14 14:34

SG-3

T141801-03 (Air)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
TO-15									
Methylene chloride	ND	3.5	ug/m³ Air	1.51	4090224	09/02/14	09/08/14	TO-15	
Styrene	ND	4.3	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	7.0	"	"	"	"	"	"	
Tetrahydrofuran	ND	3.0	"	"	"	"	"	"	
Tetrachloroethene	ND	6.9	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	5.6	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	5.6	"	"	"	"	"	"	
Trichloroethene	ND	5.5	"	"	"	"	"	"	
Trichlorofluoromethane	ND	5.7	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	5.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	5.0	"	"	"	"	"	"	
Vinyl acetate	ND	3.6	"	"	"	"	"	"	
Vinyl chloride	ND	2.6	"	"	"	"	"	"	
1,4-Dioxane	ND	18	"	"	"	"	"	"	
2-Butanone (MEK)	ND	15	"	"	"	"	"	"	
4-Methyl-2-pentanone (MIBK)	ND	42	"	"	"	"	"	"	
Benzene	ND	3.3	"	"	"	"	"	"	
Toluene	ND	3.8	"	"	"	"	"	"	
Ethylbenzene	ND	4.4	"	"	"	"	"	"	
m,p-Xylene	ND	8.8	"	"	"	"	"	"	
o-Xylene	ND	4.4	"	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*71.0 %*		*40-160*		"	"	"	
Methane by GC									
Methane	ND	7.6	ppm(v)	1.51	4090223	09/02/14	09/04/14	8015M	

Katherine RunningCrane, Project Manager

SunStar Laboratories, Inc.
Providing Quality Analytical Services Nationwide

25712 Commercentre Drive
Lake Forest, California 92630
949.297.5020 Phone
949.297.5027 Fax

Gribi Associates	Project: Maz Glass	
1090 Adam Street, Suite K	Project Number: [none]	**Reported:**
Benicia CA, 94510	Project Manager: Jim Gribi	09/17/14 14:34

SG-3

T141801-03 (Air)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Total Volatile Organic Compounds by TO-3 (modified)									
C6-C12 (GRO)	ND	7170	ug/m³ Air	1.51	4090228	09/02/14	09/06/14	TO-3/TO-14 m	
Fixed Gases ASTM D1946-90									
Helium	ND	1.51	%	1.51	4090225	09/02/14	09/05/14	GC	
Carbon Dioxide	ND	1.51	"	"	"	"	"	"	
Oxygen	**16.6**	1.51	"	"	"	"	"	"	
Nitrogen	**49.7**	0.51	"	0.51	"	"	"	"	

SunStar Laboratories, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Katherine RunningCrane, Project Manager

SunStar Laboratories, Inc.
Providing Quality Analytical Services Nationwide

25712 Commercentre Drive
Lake Forest, California 92630
949.297.5020 Phone
949.297.5027 Fax

Gribi Associates	Project: Maz Glass	
1090 Adam Street, Suite K	Project Number: [none]	**Reported:**
Benicia CA, 94510	Project Manager: Jim Gribi	09/17/14 14:34

SG-4

T141801-04 (Air)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
TO-15									
Acetone	ND	12	ug/m³ Air	1.54	4090224	09/02/14	09/08/14	TO-15	
1,3-Butadiene	ND	4.5	"	"	"	"	"	"	
Carbon Disulfide	ND	3.2	"	"	"	"	"	"	
1,1,2-trichloro-1,2,2-trifluoroethane (CFC 113)	ND	7.7	"	"	"	"	"	"	
Isopropyl alcohol	ND	13	"	"	"	"	"	"	
Bromodichloromethane	ND	6.8	"	"	"	"	"	"	
Bromoform	ND	11	"	"	"	"	"	"	
Bromomethane	ND	4.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	6.4	"	"	"	"	"	"	
Chlorobenzene	ND	4.7	"	"	"	"	"	"	
Chloroethane	ND	2.7	"	"	"	"	"	"	
Chloroform	ND	5.0	"	"	"	"	"	"	
Chloromethane	ND	11	"	"	"	"	"	"	
Cyclohexane	ND	3.5	"	"	"	"	"	"	
Heptane	ND	4.2	"	"	"	"	"	"	
Hexane	ND	3.6	"	"	"	"	"	"	
Dibromochloromethane	ND	8.7	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	7.8	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	6.1	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	6.1	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	6.1	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	5.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	4.1	"	"	"	"	"	"	
1,2-Dichloroethane	ND	4.1	"	"	"	"	"	"	
1,1-Dichloroethene	ND	4.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	4.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	4.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	4.7	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	4.6	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	4.6	"	"	"	"	"	"	
4-Ethyltoluene	ND	5.0	"	"	"	"	"	"	

SunStar Laboratories, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Katherine RunningCrane, Project Manager

SunStar Laboratories, Inc.
Providing Quality Analytical Services Nationwide

25712 Commercentre Drive
Lake Forest, California 92630
949.297.5020 Phone
949.297.5027 Fax

Gribi Associates	Project: Maz Glass	
1090 Adam Street, Suite K	Project Number: [none]	**Reported:**
Benicia CA, 94510	Project Manager: Jim Gribi	09/17/14 14:34

SG-4

T141801-04 (Air)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
TO-15									
Methylene chloride	ND	3.5	ug/m³ Air	1.54	4090224	09/02/14	09/08/14	TO-15	
Styrene	ND	4.3	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	7.0	"	"	"	"	"	"	
Tetrahydrofuran	ND	3.0	"	"	"	"	"	"	
Tetrachloroethene	ND	6.9	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	5.6	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	5.6	"	"	"	"	"	"	
Trichloroethene	ND	5.5	"	"	"	"	"	"	
Trichlorofluoromethane	ND	5.7	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	5.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	**13**	5.0	"	"	"	"	"	"	
Vinyl acetate	ND	3.6	"	"	"	"	"	"	
Vinyl chloride	ND	2.6	"	"	"	"	"	"	
1,4-Dioxane	ND	18	"	"	"	"	"	"	
2-Butanone (MEK)	ND	15	"	"	"	"	"	"	
4-Methyl-2-pentanone (MIBK)	ND	42	"	"	"	"	"	"	
Benzene	ND	3.3	"	"	"	"	"	"	
Toluene	ND	3.8	"	"	"	"	"	"	
Ethylbenzene	ND	4.4	"	"	"	"	"	"	
m,p-Xylene	ND	8.8	"	"	"	"	"	"	
o-Xylene	ND	4.4	"	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*76.8 %*	*40-160*		"	"	"	"	
Methane by GC									
Methane	**240**	7.7	ppm(v)	1.54	4090223	09/02/14	09/04/14	8015M	

Katherine RunningCrane, Project Manager

SunStar Laboratories, Inc.
Providing Quality Analytical Services Nationwide

25712 Commercentre Drive
Lake Forest, California 92630
949.297.5020 Phone
949.297.5027 Fax

Gribi Associates	Project: Maz Glass	
1090 Adam Street, Suite K	Project Number: [none]	**Reported:**
Benicia CA, 94510	Project Manager: Jim Gribi	09/17/14 14:34

SG-4

T141801-04 (Air)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Total Volatile Organic Compounds by TO-3 (modified)									
C6-C12 (GRO)	ND	7170	ug/m³ Air	1.54	4090228	09/02/14	09/06/14	TO-3/TO-14 m	
Fixed Gases ASTM D1946-90									
Helium	ND	1.54	%	1.54	4090225	09/02/14	09/05/14	GC	
Carbon Dioxide	ND	1.54	"	"	"	"	"	"	
Oxygen	**5.87**	1.54	"	"	"	"	"	"	
Nitrogen	**52.3**	0.54	"	0.54	"	"	"	"	

Katherine RunningCrane, Project Manager

SunStar Laboratories, Inc.
Providing Quality Analytical Services Nationwide

25712 Commercentre Drive
Lake Forest, California 92630
949.297.5020 Phone
949.297.5027 Fax

Gribi Associates	Project: Maz Glass	
1090 Adam Street, Suite K	Project Number: [none]	**Reported:**
Benicia CA, 94510	Project Manager: Jim Gribi	09/17/14 14:34

SG-5

T141801-05 (Air)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
TO-15									
Acetone	ND	120	ug/m³ Air	1.53	4090224	09/02/14	09/06/14	TO-15	TO-14
1,3-Butadiene	ND	110	"	"	"	"	"	"	TO-14
Carbon Disulfide	ND	160	"	"	"	"	"	"	TO-14
1,1,2-trichloro-1,2,2-trifluoroethane (CFC 113)	ND	390	"	"	"	"	"	"	TO-14
Isopropyl alcohol	ND	130	"	"	"	"	"	"	TO-14
Bromodichloromethane	ND	340	"	"	"	"	"	"	TO-14
Bromoform	ND	530	"	"	"	"	"	"	TO-14
Bromomethane	ND	200	"	"	"	"	"	"	TO-14
Carbon tetrachloride	ND	320	"	"	"	"	"	"	TO-14
Chlorobenzene	ND	230	"	"	"	"	"	"	TO-14
Chloroethane	ND	130	"	"	"	"	"	"	TO-14
Chloroform	ND	250	"	"	"	"	"	"	TO-14
Chloromethane	ND	110	"	"	"	"	"	"	TO-14
Cyclohexane	ND	170	"	"	"	"	"	"	TO-14
Heptane	ND	210	"	"	"	"	"	"	TO-14
Hexane	ND	180	"	"	"	"	"	"	TO-14
Dibromochloromethane	ND	430	"	"	"	"	"	"	TO-14
1,2-Dibromoethane (EDB)	ND	390	"	"	"	"	"	"	TO-14
1,2-Dichlorobenzene	ND	310	"	"	"	"	"	"	TO-14
1,3-Dichlorobenzene	ND	310	"	"	"	"	"	"	TO-14
1,4-Dichlorobenzene	ND	310	"	"	"	"	"	"	TO-14
Dichlorodifluoromethane	ND	250	"	"	"	"	"	"	TO-14
1,1-Dichloroethane	ND	210	"	"	"	"	"	"	TO-14
1,2-Dichloroethane	ND	210	"	"	"	"	"	"	TO-14
1,1-Dichloroethene	ND	200	"	"	"	"	"	"	TO-14
cis-1,2-Dichloroethene	ND	200	"	"	"	"	"	"	TO-14
trans-1,2-Dichloroethene	ND	200	"	"	"	"	"	"	TO-14
1,2-Dichloropropane	ND	240	"	"	"	"	"	"	TO-14
cis-1,3-Dichloropropene	ND	230	"	"	"	"	"	"	TO-14
trans-1,3-Dichloropropene	ND	230	"	"	"	"	"	"	TO-14
4-Ethyltoluene	ND	250	"	"	"	"	"	"	TO-14

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Katherine RunningCrane, Project Manager

SunStar Laboratories, Inc.
Providing Quality Analytical Services Nationwide

25712 Commercentre Drive
Lake Forest, California 92630
949.297.5020 Phone
949.297.5027 Fax

Gribi Associates	Project: Maz Glass	
1090 Adam Street, Suite K	Project Number: [none]	**Reported:**
Benicia CA, 94510	Project Manager: Jim Gribi	09/17/14 14:34

SG-5

T141801-05 (Air)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
TO-15									
Methylene chloride	ND	180	ug/m³ Air	1.53	4090224	09/02/14	09/06/14	TO-15	TO-14
Styrene	ND	220	"	"	"	"	"	"	TO-14
1,1,2,2-Tetrachloroethane	ND	350	"	"	"	"	"	"	TO-14
Tetrahydrofuran	ND	150	"	"	"	"	"	"	TO-14
Tetrachloroethene	ND	350	"	"	"	"	"	"	TO-14
1,1,2-Trichloroethane	ND	280	"	"	"	"	"	"	TO-14
1,1,1-Trichloroethane	ND	280	"	"	"	"	"	"	TO-14
Trichloroethene	ND	270	"	"	"	"	"	"	TO-14
Trichlorofluoromethane	ND	290	"	"	"	"	"	"	TO-14
1,3,5-Trimethylbenzene	ND	250	"	"	"	"	"	"	TO-14
1,2,4-Trimethylbenzene	ND	250	"	"	"	"	"	"	TO-14
Vinyl acetate	ND	180	"	"	"	"	"	"	TO-14
Vinyl chloride	ND	130	"	"	"	"	"	"	TO-14
1,4-Dioxane	ND	180	"	"	"	"	"	"	TO-14
2-Butanone (MEK)	ND	150	"	"	"	"	"	"	TO-14
4-Methyl-2-pentanone (MIBK)	ND	210	"	"	"	"	"	"	TO-14
Benzene	**1700**	160	"	"	"	"	"	"	TO-14
Toluene	**5600**	190	"	"	"	"	"	"	TO-14
Ethylbenzene	**1200**	220	"	"	"	"	"	"	TO-14
m,p-Xylene	**3800**	220	"	"	"	"	"	"	TO-14
o-Xylene	**770**	220	"	"	"	"	"	"	TO-14
Methane by GC									
Methane	**150**	7.6	ppm(v)	1.53	4090223	09/02/14	09/04/14	8015M	

SunStar Laboratories, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Katherine RunningCrane, Project Manager

SunStar Laboratories, Inc.
Providing Quality Analytical Services Nationwide

25712 Commercentre Drive
Lake Forest, California 92630
949.297.5020 Phone
949.297.5027 Fax

Gribi Associates	Project: Maz Glass	
1090 Adam Street, Suite K	Project Number: [none]	**Reported:**
Benicia CA, 94510	Project Manager: Jim Gribi	09/17/14 14:34

SG-5

T141801-05 (Air)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Total Volatile Organic Compounds by TO-3 (modified)									
C6-C12 (GRO)	ND	7170	ug/m³ Air	1.53	4090228	09/02/14	09/06/14	TO-3/TO-14 m	
Fixed Gases ASTM D1946-90									
Helium	ND	1.53	%	1.53	4090225	09/02/14	09/05/14	GC	
Carbon Dioxide	ND	1.53	"	"	"	"	"	"	
Oxygen	**12.5**	1.53	"	"	"	"	"	"	
Nitrogen	**49.7**	0.53	"	0.53	"	"	"	"	

Katherine RunningCrane, Project Manager

SunStar Laboratories, Inc.
Providing Quality Analytical Services Nationwide

25712 Commercentre Drive
Lake Forest, California 92630
949.297.5020 Phone
949.297.5027 Fax

Gribi Associates	Project: Maz Glass	
1090 Adam Street, Suite K	Project Number: [none]	**Reported:**
Benicia CA, 94510	Project Manager: Jim Gribi	09/17/14 14:34

PURGE

T141801-06 (Air)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Fixed Gases ASTM D1946-90									
Helium	ND	1.58	%	1.58	4090225	09/02/14	09/05/14	GC	
Carbon Dioxide	ND	1.58	"	"	"	"	"	"	
Oxygen	**14.0**	1.58	"	"	"	"	"	"	
Nitrogen	**53.5**	0.58	"	0.58	"	"	"	"	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Katherine RunningCrane, Project Manager

SunStar Laboratories, Inc.
Providing Quality Analytical Services Nationwide

25712 Commercentre Drive
Lake Forest, California 92630
949.297.5020 Phone
949.297.5027 Fax

Gribi Associates	Project: Maz Glass	
1090 Adam Street, Suite K	Project Number: [none]	**Reported:**
Benicia CA, 94510	Project Manager: Jim Gribi	09/17/14 14:34

TO-15 - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 4090224 - EPA 5030 GCMS										
Blank (4090224-BLK1)				Prepared: 09/02/14 Analyzed: 09/08/14						
Acetone	ND	12	ug/m³ Air							
1,3-Butadiene	ND	4.5	"							
Carbon Disulfide	ND	3.2	"							
1,1,2-trichloro-1,2,2-trifluoroethane (CFC 113)	ND	7.7	"							
Isopropyl alcohol	ND	13	"							
Bromodichloromethane	ND	6.8	"							
Bromoform	ND	11	"							
Bromomethane	ND	4.0	"							
Carbon tetrachloride	ND	6.4	"							
Chlorobenzene	ND	4.7	"							
Chloroethane	ND	2.7	"							
Chloroform	ND	5.0	"							
Chloromethane	ND	11	"							
Cyclohexane	ND	3.5	"							
Heptane	ND	4.2	"							
Hexane	ND	3.6	"							
Dibromochloromethane	ND	8.7	"							
1,2-Dibromoethane (EDB)	ND	7.8	"							
1,2-Dichlorobenzene	ND	6.1	"							
1,3-Dichlorobenzene	ND	6.1	"							
1,4-Dichlorobenzene	ND	6.1	"							
Dichlorodifluoromethane	ND	5.0	"							
1,1-Dichloroethane	ND	4.1	"							
1,2-Dichloroethane	ND	4.1	"							
1,1-Dichloroethene	ND	4.0	"							
cis-1,2-Dichloroethene	ND	4.0	"							
trans-1,2-Dichloroethene	ND	4.0	"							
1,2-Dichloropropane	ND	4.7	"							
cis-1,3-Dichloropropene	ND	4.6	"							
trans-1,3-Dichloropropene	ND	4.6	"							
4-Ethyltoluene	ND	5.0	"							
Methylene chloride	ND	3.5	"							
Styrene	ND	4.3	"							
1,1,2,2-Tetrachloroethane	ND	7.0	"							
Tetrahydrofuran	ND	3.0	"							

Katherine RunningCrane, Project Manager

SunStar Laboratories, Inc.
Providing Quality Analytical Services Nationwide

25712 Commercentre Drive
Lake Forest, California 92630
949.297.5020 Phone
949.297.5027 Fax

Gribi Associates	Project: Maz Glass	
1090 Adam Street, Suite K	Project Number: [none]	**Reported:**
Benicia CA, 94510	Project Manager: Jim Gribi	09/17/14 14:34

TO-15 - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 4090224 - EPA 5030 GCMS										
Blank (4090224-BLK1)				Prepared: 09/02/14 Analyzed: 09/08/14						
Tetrachloroethene	ND	6.9	ug/m³ Air							
1,1,2-Trichloroethane	ND	5.6	"							
1,1,1-Trichloroethane	ND	5.6	"							
Trichloroethene	ND	5.5	"							
Trichlorofluoromethane	ND	5.7	"							
1,3,5-Trimethylbenzene	ND	5.0	"							
1,2,4-Trimethylbenzene	ND	5.0	"							
Vinyl acetate	ND	3.6	"							
Vinyl chloride	ND	2.6	"							
1,4-Dioxane	ND	18	"							
2-Butanone (MEK)	ND	15	"							
4-Methyl-2-pentanone (MIBK)	ND	42	"							
Benzene	ND	3.3	"							
Toluene	ND	3.8	"							
Ethylbenzene	ND	4.4	"							
m,p-Xylene	ND	8.8	"							
o-Xylene	ND	4.4	"							
Surrogate: 4-Bromofluorobenzene	*30.1*		"	*45.3*		*66.6*	*40-160*			
Duplicate (4090224-DUP1)			**Source: T141801-01**	Prepared: 09/02/14 Analyzed: 09/08/14						
Acetone	ND	12	ug/m³ Air		ND				30	
1,3-Butadiene	ND	4.5	"		ND				30	
Carbon Disulfide	ND	3.2	"		ND				30	
1,1,2-trichloro-1,2,2-trifluoroethane (CFC 113)	ND	7.7	"		ND				30	
Isopropyl alcohol	ND	13	"		ND				30	
Bromodichloromethane	ND	6.8	"		ND				30	
Bromoform	ND	11	"		ND				30	
Bromomethane	ND	4.0	"		ND				30	
Carbon tetrachloride	ND	6.4	"		ND				30	
Chlorobenzene	ND	4.7	"		ND				30	
Chloroethane	ND	2.7	"		ND				30	
Chloroform	ND	5.0	"		ND				30	
Chloromethane	ND	11	"		ND				30	
Cyclohexane	ND	3.5	"		ND				30	
Heptane	4.99	4.2	"		5.13			2.67	30	

SunStar Laboratories, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Katherine RunningCrane, Project Manager

SunStar Laboratories, Inc.
Providing Quality Analytical Services Nationwide

25712 Commercentre Drive
Lake Forest, California 92630
949.297.5020 Phone
949.297.5027 Fax

Gribi Associates	Project: Maz Glass	
1090 Adam Street, Suite K	Project Number: [none]	**Reported:**
Benicia CA, 94510	Project Manager: Jim Gribi	09/17/14 14:34

TO-15 - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 4090224 - EPA 5030 GCMS										
Duplicate (4090224-DUP1)	**Source: T141801-01**	Prepared: 09/02/14 Analyzed: 09/08/14								
Hexane	ND	3.6	ug/m³ Air		ND				30	
Dibromochloromethane	ND	8.7	"		ND				30	
1,2-Dibromoethane (EDB)	ND	7.8	"		ND				30	
1,2-Dichlorobenzene	ND	6.1	"		ND				30	
1,3-Dichlorobenzene	ND	6.1	"		ND				30	
1,4-Dichlorobenzene	ND	6.1	"		ND				30	
Dichlorodifluoromethane	ND	5.0	"		ND				30	
1,1-Dichloroethane	ND	4.1	"		ND				30	
1,2-Dichloroethane	ND	4.1	"		ND				30	
1,1-Dichloroethene	ND	4.0	"		ND				30	
cis-1,2-Dichloroethene	ND	4.0	"		ND				30	
trans-1,2-Dichloroethene	ND	4.0	"		ND				30	
1,2-Dichloropropane	ND	4.7	"		ND				30	
cis-1,3-Dichloropropene	ND	4.6	"		ND				30	
trans-1,3-Dichloropropene	ND	4.6	"		ND				30	
4-Ethyltoluene	ND	5.0	"		ND				30	
Methylene chloride	ND	3.5	"		ND				30	
Styrene	ND	4.3	"		ND				30	
1,1,2,2-Tetrachloroethane	ND	7.0	"		ND				30	
Tetrahydrofuran	ND	3.0	"		ND				30	
Tetrachloroethene	ND	6.9	"		ND				30	
1,1,2-Trichloroethane	ND	5.6	"		ND				30	
1,1,1-Trichloroethane	ND	5.6	"		ND				30	
Trichloroethene	ND	5.5	"		ND				30	
Trichlorofluoromethane	ND	5.7	"		ND				30	
1,3,5-Trimethylbenzene	ND	5.0	"		ND				30	
1,2,4-Trimethylbenzene	ND	5.0	"		ND				30	
Vinyl acetate	ND	3.6	"		ND				30	
Vinyl chloride	ND	2.6	"		ND				30	
1,4-Dioxane	ND	18	"		ND				30	
2-Butanone (MEK)	ND	15	"		ND				30	
4-Methyl-2-pentanone (MIBK)	ND	42	"		ND				30	
Benzene	ND	3.3	"		ND				30	
Toluene	ND	3.8	"		ND				30	
Ethylbenzene	ND	4.4	"		ND				30	
m,p-Xylene	ND	8.8	"		ND				30	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Katherine RunningCrane, Project Manager

SunStar Laboratories, Inc.
Providing Quality Analytical Services Nationwide

25712 Commercentre Drive
Lake Forest, California 92630
949.297.5020 Phone
949.297.5027 Fax

Gribi Associates	Project: Maz Glass	
1090 Adam Street, Suite K	Project Number: [none]	**Reported:**
Benicia CA, 94510	Project Manager: Jim Gribi	09/17/14 14:34

TO-15 - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 4090224 - EPA 5030 GCMS										
Duplicate (4090224-DUP1)	**Source: T141801-01**	Prepared: 09/02/14 Analyzed: 09/08/14								
o-Xylene	ND	4.4	ug/m³ Air		ND				30	
Surrogate: 4-Bromofluorobenzene	*36.2*		*"*	*45.3*		*80.0*	*40-160*			

SunStar Laboratories, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Katherine RunningCrane, Project Manager

SunStar Laboratories, Inc.
Providing Quality Analytical Services Nationwide

25712 Commercentre Drive
Lake Forest, California 92630
949.297.5020 Phone
949.297.5027 Fax

Gribi Associates	Project: Maz Glass	
1090 Adam Street, Suite K	Project Number: [none]	**Reported:**
Benicia CA, 94510	Project Manager: Jim Gribi	09/17/14 14:34

Methane by GC - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 4090223 - General Prep VOC-GC										
Blank (4090223-BLK1)				Prepared: 09/02/14 Analyzed: 09/04/14						
Methane	ND	5.0	ppm(v)							
Duplicate (4090223-DUP1)		**Source: T141801-01**		Prepared: 09/02/14 Analyzed: 09/04/14						
Methane	4.44	8.1	ppm(v)		3.89			13.2	20	

Katherine RunningCrane, Project Manager

SunStar Laboratories, Inc.
Providing Quality Analytical Services Nationwide

25712 Commercentre Drive
Lake Forest, California 92630
949.297.5020 Phone
949.297.5027 Fax

Gribi Associates	Project: Maz Glass	
1090 Adam Street, Suite K	Project Number: [none]	**Reported:**
Benicia CA, 94510	Project Manager: Jim Gribi	09/17/14 14:34

Total Volatile Organic Compounds by TO-3 (modified) - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 4090228 - EPA 5030 GCMS										
Blank (4090228-BLK1)				Prepared: 09/02/14 Analyzed: 09/06/14						
C6-C12 (GRO)	ND	7170	ug/m³ Air							
Duplicate (4090228-DUP1)		**Source: T141801-01**		Prepared: 09/02/14 Analyzed: 09/06/14						
C6-C12 (GRO)	ND	7170	ug/m³ Air		ND				30	

Katherine RunningCrane, Project Manager

SunStar Laboratories, Inc.
Providing Quality Analytical Services Nationwide

25712 Commercentre Drive
Lake Forest, California 92630
949.297.5020 Phone
949.297.5027 Fax

Gribi Associates	Project: Maz Glass	
1090 Adam Street, Suite K	Project Number: [none]	**Reported:**
Benicia CA, 94510	Project Manager: Jim Gribi	09/17/14 14:34

Fixed Gases ASTM D1946-90 - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 4090225 - General Prep VOC-GC										
Blank (4090225-BLK1)				Prepared: 09/02/14 Analyzed: 09/05/14						
Helium	ND	1.00	%							
Carbon Dioxide	ND	1.00	"							
Oxygen	ND	1.00	"							
Nitrogen	ND	1.00	"							
Duplicate (4090225-DUP1)		**Source: T141801-01**		Prepared: 09/02/14 Analyzed: 09/05/14						
Helium	ND	1.62	%		ND					
Carbon Dioxide	0.41	1.62	"		0.41			0.794	20	
Oxygen	14.2	1.62	"		14.2			0.171	20	
Nitrogen	62.1	0.62	"		62.1			0.0958	20	

Katherine RunningCrane, Project Manager

SunStar Laboratories, Inc.
Providing Quality Analytical Services Nationwide

25712 Commercentre Drive
Lake Forest, California 92630
949.297.5020 Phone
949.297.5027 Fax

Gribi Associates	Project: Maz Glass	
1090 Adam Street, Suite K	Project Number: [none]	**Reported:**
Benicia CA, 94510	Project Manager: Jim Gribi	09/17/14 14:34

Notes and Definitions

TO-14	TO-15 analysis of sample was not performed due to high concentration of analyte(s). Sample was analyzed utilizing method TO-14 and reporting limit has been adjusted accordingly.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Katherine RunningCrane, Project Manager

Chain of Custody Record

SunStar Laboratories, Inc.
25712 Commercentre Dr
Lake Forest, CA 92630
949-297-5020

Client: Gribi Associates
Address:
Phone: Fax:
Project Manager: Jim Gribi

Date: 8/29/14 Page: 1 Of 1
Project Name: MAZ GLASS
Collector: J Gribi / R Bet-Yonan Client Project #:
Batch #: T141801 EDF #:

Sample ID	Date Sampled	Time	Sample Type	Container Type	~~8260~~ TO-15 VOCs + TPH-G	8260 + OXY	8260 BTEX, OXY only	8270	8021 BTEX	8015M (gasoline)	8015M (diesel)	8015M Ext./Carbon Chain	6010/7000 Title 22 Metals	ASTM D-1946 He, CO_2, O_2, N_2	Methane		Laboratory ID #	Comments/Preservative	Total # of containers
SG-1	08-28-14	1604	Vapor	1L Summa	X									X	X		01	SSAT-0162	
SG-2	↓	1618	↓	↓	X									X	X		02	SSAT-0678	
SG-3	↓	1509	↓	↓	X									X	X		03	SSAT-0615	
SG-4	↓	1533	↓	↓	X									X	X		04	SSAT-0657	
SG-5	↓	1550	↓	↓	X									X	X		05	SSAT-0606	
PURGE	↓	1630	↓	↓										X			06	SSAT-0697	

Relinquished by: (signature)	Date / Time	Received by: (signature)	Date / Time
[signature]	8/29/14 0900	[signature]	8-29-14 9:25
GSO	8/30/14 1020	[signature]	8/30/14 1020

Total # of containers:
Chain of Custody seals Y/N/NA: Y
Seals intact? Y/N/NA: Y
Received good condition/cold: Y
Turn around time: STA

Notes: STD. TAT 8/30/14 DN

Sample disposal Instructions: Disposal @ $2.00 each ____ Return to client ____ Pickup ____

COC 134766

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

SAMPLE RECEIVING REVIEW SHEET

BATCH # T141801

Client Name: GRIBI Project: MAZ GLASS

Received by: DAN Date/Time Received:

Delivered by : ☐ Client ☐ SunStar Courier ☒ GSO ☐ FedEx ☐ Other ______

Total number of coolers received 0 **Temp criteria = 6°C > 0°C (no <u>frozen</u> containers)**

Temperature: cooler #1 20.2 °C +/- the CF (- 0.2°C) = 20.0 °C corrected temperature

cooler #2 ____ °C +/- the CF (- 0.2°C) = ____ °C corrected temperature

cooler #3 ____ °C +/- the CF (- 0.2°C) = ____ °C corrected temperature

Samples outside temp. but received on ice, w/in 6 hours of final sampling.	☐ Yes	☐ No*	☒ N/A
Custody Seals Intact on Cooler/Sample	☒ Yes	☐ No*	☐ N/A
Sample Containers Intact	☒ Yes	☐ No*	
Sample labels match COC ID's	☒ Yes	☐ No*	
Total number of containers received match COC	☒ Yes	☐ No*	
Proper containers received for analyses requested on COC	☒ Yes	☐ No*	
Proper preservative indicated on COC/containers for analyses requested	☐ Yes	☐ No*	☒ N/A

Complete shipment received in good condition with correct temperatures, containers, labels, volumes preservatives and within method specified holding times. ☒ **Yes** ☐ **No***

* Complete Non-Conformance Receiving Sheet if checked Cooler/Sample Review - Initials and date BC 9.2.14

Comments:

SunStar Laboratories Inc.
25712 Commercentre Dr.
Lake Forest, CA 92630
(949)297-5020
(949)297-5027 fax

Form F-LP0005-1.2
Effective Date: 01/01/2013

* PLEASE DO ***NOT*** WRITE ON OR PLACE LABELS ON SUMMA CANS

SunStar Laboratories

Canister Data Sheet

Client: GRIBI_JIM_8-26-14_12+2

Shipping Information				Sampling Information					
Canister Serial #		CHECK Date	Pressure (-30 +/- 2 psia)	Sample ID	Sample Date	Initial Pressure	Final Pressure	Sample Start Time	Sample Finish Time
SSAT-	0657	8/26/2014	-30	SG-4	8-28-14	-30	Ø	3:23	3:33
SSAT-	0615	8/26/2014	-30	SG-3	8-28-14	-30	-1	2:59	3:09
SSAT-	0162	8/26/2014	-30	SG-1	8-28-14	-30	~~Ø~~	3:53	4:04
SSAT-	0606	8/26/2014	-30	SG-5	8-28-14	-30	-2	3:40	3:50
SSAT-	0678	8/26/2014	-30	SG-2	8-28-14	-30	-1	4:08	4:18
SSAT-	0697	8/26/2014	-30	PURGE	8-28-14	-30	-3	4:20	4:30
SSAT-	0437	8/26/2014	-30						
SSAT-	0616	8/26/2014	-30						
SSAT-	7012	8/26/2014		MANIFOLD (150)	8-28-14					SG-4/1
SSAT-	2047	8/26/2014		MANIFOLD (150)	8-28-14					SG-3/5/2
SSAT-	0031	8/26/2014	40	NITROGEN FILLED	8-28-14	+40	+30			
SSAT-	0714	8/26/2014	-30	PURGE CAN	8-28-14	-30/-15	-15/0	2:47/3:42	2:51/3:18	SG-3/ SG-4
SSAT-	0660	8/26/2014	-30	PURGE CAN	8-28-14	-30/	-15			SG-5
SSAT-	0070	8/26/2014	-30	PURGE CAN	8-28-14	-30	-9			SG-2

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

25712 Commercentre Drive
Lake Forest, California 92630
949.297.5020 Phone
949.297.5027 Fax

23 September 2014

Jim Gribi
Gribi Associates
1090 Adam Street, Suite K
Benicia, CA 94510

RE: Maz Glass

Enclosed are the results of analyses for samples received by the laboratory on 09/16/14 08:55. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Katherine RunningCrane
Project Manager

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

25712 Commercentre Drive
Lake Forest, California 92630
949.297.5020 Phone
949.297.5027 Fax

Gribi Associates	Project: Maz Glass	
1090 Adam Street, Suite K	Project Number: [none]	**Reported:**
Benicia CA, 94510	Project Manager: Jim Gribi	09/23/14 17:21

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SG-2	T141902-01	Air	09/15/14 09:00	09/16/14 08:55

DETECTIONS SUMMARY

Sample ID: SG-2 **Laboratory ID:** T141902-01

Analyte	Result	Reporting Limit	Units	Method	Notes
Cyclohexane	**310**	3.5	ug/m³ Air	TO-15	
Heptane	**46**	4.2	ug/m³ Air	TO-15	
Hexane	**320**	3.6	ug/m³ Air	TO-15	
1,3,5-Trimethylbenzene	**56**	5.0	ug/m³ Air	TO-15	
Methane	**170**	7.8	ppm(v)	8015M	
C6-C12 (GRO)	**7600**	7170	ug/m³ Air	TO-3/TO-14 m	
Carbon Dioxide	**3.87**	1.57	%	GC	
Oxygen	**13.2**	1.57	%	GC	
Nitrogen	**51.0**	0.57	%	GC	

SunStar Laboratories, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Katherine RunningCrane, Project Manager

SunStar Laboratories, Inc.
Providing Quality Analytical Services Nationwide

25712 Commercentre Drive
Lake Forest, California 92630
949.297.5020 Phone
949.297.5027 Fax

Gribi Associates	Project: Maz Glass	
1090 Adam Street, Suite K	Project Number: [none]	**Reported:**
Benicia CA, 94510	Project Manager: Jim Gribi	09/23/14 17:21

SG-2

T141902-01 (Air)

SunStar Laboratories, Inc.

TO-15

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Acetone	ND	12	ug/m³ Air	3.14	4091619	09/16/14	09/19/14	TO-15	
1,3-Butadiene	ND	4.5	"	"	"	"	"	"	
Carbon Disulfide	ND	3.2	"	"	"	"	"	"	
1,1,2-trichloro-1,2,2-trifluoroethane (CFC 113)	ND	7.7	"	"	"	"	"	"	
Isopropyl alcohol	ND	13	"	"	"	"	"	"	
Bromodichloromethane	ND	6.8	"	"	"	"	"	"	
Bromoform	ND	11	"	"	"	"	"	"	
Bromomethane	ND	4.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	6.4	"	"	"	"	"	"	
Chlorobenzene	ND	4.7	"	"	"	"	"	"	
Chloroethane	ND	2.7	"	"	"	"	"	"	
Chloroform	ND	5.0	"	"	"	"	"	"	
Chloromethane	ND	11	"	"	"	"	"	"	
Cyclohexane	**310**	3.5	"	"	"	"	"	"	
Heptane	**46**	4.2	"	"	"	"	"	"	
Hexane	**320**	3.6	"	"	"	"	"	"	
Dibromochloromethane	ND	8.7	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	7.8	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	6.1	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	6.1	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	6.1	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	5.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	4.1	"	"	"	"	"	"	
1,2-Dichloroethane	ND	4.1	"	"	"	"	"	"	
1,1-Dichloroethene	ND	4.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	4.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	4.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	4.7	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	4.6	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	4.6	"	"	"	"	"	"	
4-Ethyltoluene	ND	5.0	"	"	"	"	"	"	

Katherine RunningCrane, Project Manager

SunStar Laboratories, Inc.
Providing Quality Analytical Services Nationwide

25712 Commercentre Drive
Lake Forest, California 92630
949.297.5020 Phone
949.297.5027 Fax

Gribi Associates	Project: Maz Glass	
1090 Adam Street, Suite K	Project Number: [none]	**Reported:**
Benicia CA, 94510	Project Manager: Jim Gribi	09/23/14 17:21

SG-2

T141902-01 (Air)

SunStar Laboratories, Inc.

TO-15

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Methylene chloride	ND	3.5	ug/m³ Air	3.14	4091619	09/16/14	09/19/14	TO-15	
Styrene	ND	4.3	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	7.0	"	"	"	"	"	"	
Tetrahydrofuran	ND	3.0	"	"	"	"	"	"	
Tetrachloroethene	ND	6.9	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	5.6	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	5.6	"	"	"	"	"	"	
Trichloroethene	ND	5.5	"	"	"	"	"	"	
Trichlorofluoromethane	ND	5.7	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	**56**	5.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	5.0	"	"	"	"	"	"	
Vinyl acetate	ND	3.6	"	"	"	"	"	"	
Vinyl chloride	ND	2.6	"	"	"	"	"	"	
1,4-Dioxane	ND	18	"	"	"	"	"	"	
2-Butanone (MEK)	ND	15	"	"	"	"	"	"	
4-Methyl-2-pentanone (MIBK)	ND	42	"	"	"	"	"	"	
Benzene	ND	3.3	"	"	"	"	"	"	
Toluene	ND	3.8	"	"	"	"	"	"	
Ethylbenzene	ND	4.4	"	"	"	"	"	"	
m,p-Xylene	ND	8.8	"	"	"	"	"	"	
o-Xylene	ND	4.4	"	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*80.6 %*		*40-160*		"	"	"	

Methane by GC

Methane	**170**	7.8	ppm(v)	1.57	4091612	09/16/14	09/16/14	8015M	

SunStar Laboratories, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Katherine RunningCrane, Project Manager

SunStar Laboratories, Inc.
Providing Quality Analytical Services Nationwide

25712 Commercentre Drive
Lake Forest, California 92630
949.297.5020 Phone
949.297.5027 Fax

Gribi Associates	Project: Maz Glass	
1090 Adam Street, Suite K	Project Number: [none]	**Reported:**
Benicia CA, 94510	Project Manager: Jim Gribi	09/23/14 17:21

SG-2

T141902-01 (Air)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Total Volatile Organic Compounds by TO-3 (modified)									
C6-C12 (GRO)	**7600**	7170	ug/m³ Air	1.57	4091620	09/16/14	09/19/14	TO-3/TO-14 m	
Fixed Gases ASTM D1946-90									
Helium	ND	1.57	%	1.57	4091611	09/16/14	09/17/14	GC	
Carbon Dioxide	**3.87**	1.57	"	"	"	"	"	"	
Oxygen	**13.2**	1.57	"	"	"	"	"	"	
Nitrogen	**51.0**	0.57	"	0.57	"	"	"	"	

SunStar Laboratories, Inc.
Providing Quality Analytical Services Nationwide

25712 Commercentre Drive
Lake Forest, California 92630
949.297.5020 Phone
949.297.5027 Fax

Gribi Associates	Project: Maz Glass	
1090 Adam Street, Suite K	Project Number: [none]	**Reported:**
Benicia CA, 94510	Project Manager: Jim Gribi	09/23/14 17:21

TO-15 - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 4091619 - EPA 5030 GCMS										
Blank (4091619-BLK1)				Prepared: 09/16/14 Analyzed: 09/19/14						
Acetone	ND	12	ug/m³ Air							
1,3-Butadiene	ND	4.5	"							
Carbon Disulfide	ND	3.2	"							
1,1,2-trichloro-1,2,2-trifluoroethane (CFC 113)	ND	7.7	"							
Isopropyl alcohol	ND	13	"							
Bromodichloromethane	ND	6.8	"							
Bromoform	ND	11	"							
Bromomethane	ND	4.0	"							
Carbon tetrachloride	ND	6.4	"							
Chlorobenzene	ND	4.7	"							
Chloroethane	ND	2.7	"							
Chloroform	ND	5.0	"							
Chloromethane	ND	11	"							
Cyclohexane	ND	3.5	"							
Heptane	ND	4.2	"							
Hexane	ND	3.6	"							
Dibromochloromethane	ND	8.7	"							
1,2-Dibromoethane (EDB)	ND	7.8	"							
1,2-Dichlorobenzene	ND	6.1	"							
1,3-Dichlorobenzene	ND	6.1	"							
1,4-Dichlorobenzene	ND	6.1	"							
Dichlorodifluoromethane	ND	5.0	"							
1,1-Dichloroethane	ND	4.1	"							
1,2-Dichloroethane	ND	4.1	"							
1,1-Dichloroethene	ND	4.0	"							
cis-1,2-Dichloroethene	ND	4.0	"							
trans-1,2-Dichloroethene	ND	4.0	"							
1,2-Dichloropropane	ND	4.7	"							
cis-1,3-Dichloropropene	ND	4.6	"							
trans-1,3-Dichloropropene	ND	4.6	"							
4-Ethyltoluene	ND	5.0	"							
Methylene chloride	ND	3.5	"							
Styrene	ND	4.3	"							
1,1,2,2-Tetrachloroethane	ND	7.0	"							
Tetrahydrofuran	ND	3.0	"							

SunStar Laboratories, Inc.
Providing Quality Analytical Services Nationwide

25712 Commercentre Drive
Lake Forest, California 92630
949.297.5020 Phone
949.297.5027 Fax

Gribi Associates	Project: Maz Glass	
1090 Adam Street, Suite K	Project Number: [none]	**Reported:**
Benicia CA, 94510	Project Manager: Jim Gribi	09/23/14 17:21

TO-15 - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 4091619 - EPA 5030 GCMS										
Blank (4091619-BLK1)				Prepared: 09/16/14 Analyzed: 09/19/14						
Tetrachloroethene	ND	6.9	ug/m³ Air							
1,1,2-Trichloroethane	ND	5.6	"							
1,1,1-Trichloroethane	ND	5.6	"							
Trichloroethene	ND	5.5	"							
Trichlorofluoromethane	ND	5.7	"							
1,3,5-Trimethylbenzene	ND	5.0	"							
1,2,4-Trimethylbenzene	ND	5.0	"							
Vinyl acetate	ND	3.6	"							
Vinyl chloride	ND	2.6	"							
1,4-Dioxane	ND	18	"							
2-Butanone (MEK)	ND	15	"							
4-Methyl-2-pentanone (MIBK)	ND	42	"							
Benzene	ND	3.3	"							
Toluene	ND	3.8	"							
Ethylbenzene	ND	4.4	"							
m,p-Xylene	ND	8.8	"							
o-Xylene	ND	4.4	"							
Surrogate: 4-Bromofluorobenzene	*26.1*		"	*45.3*		*57.8*	*40-160*			
Duplicate (4091619-DUP1)		**Source: T141902-01**		Prepared: 09/16/14 Analyzed: 09/19/14						
Acetone	ND	12	ug/m³ Air		ND				30	
1,3-Butadiene	ND	4.5	"		ND				30	
Carbon Disulfide	ND	3.2	"		ND				30	
1,1,2-trichloro-1,2,2-trifluoroethane (CFC 113)	ND	7.7	"		ND				30	
Isopropyl alcohol	ND	13	"		ND				30	
Bromodichloromethane	ND	6.8	"		ND				30	
Bromoform	ND	11	"		ND				30	
Bromomethane	ND	4.0	"		ND				30	
Carbon tetrachloride	ND	6.4	"		ND				30	
Chlorobenzene	ND	4.7	"		ND				30	
Chloroethane	ND	2.7	"		ND				30	
Chloroform	ND	5.0	"		ND				30	
Chloromethane	ND	11	"		ND				30	
Cyclohexane	316	3.5	"		308			2.64	30	
Heptane	49.5	4.2	"		45.9			7.41	30	

Katherine RunningCrane, Project Manager

SunStar Laboratories, Inc.
Providing Quality Analytical Services Nationwide

25712 Commercentre Drive
Lake Forest, California 92630
949.297.5020 Phone
949.297.5027 Fax

Gribi Associates	Project: Maz Glass	
1090 Adam Street, Suite K	Project Number: [none]	**Reported:**
Benicia CA, 94510	Project Manager: Jim Gribi	09/23/14 17:21

TO-15 - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 4091619 - EPA 5030 GCMS										
Duplicate (4091619-DUP1)		**Source: T141902-01**		Prepared: 09/16/14 Analyzed: 09/19/14						
Hexane	335	3.6	ug/m³ Air		322			3.93	30	
Dibromochloromethane	ND	8.7	"		ND				30	
1,2-Dibromoethane (EDB)	ND	7.8	"		ND				30	
1,2-Dichlorobenzene	ND	6.1	"		ND				30	
1,3-Dichlorobenzene	ND	6.1	"		ND				30	
1,4-Dichlorobenzene	ND	6.1	"		ND				30	
Dichlorodifluoromethane	ND	5.0	"		ND				30	
1,1-Dichloroethane	ND	4.1	"		ND				30	
1,2-Dichloroethane	ND	4.1	"		ND				30	
1,1-Dichloroethene	ND	4.0	"		ND				30	
cis-1,2-Dichloroethene	ND	4.0	"		ND				30	
trans-1,2-Dichloroethene	ND	4.0	"		ND				30	
1,2-Dichloropropane	ND	4.7	"		ND				30	
cis-1,3-Dichloropropene	ND	4.6	"		ND				30	
trans-1,3-Dichloropropene	ND	4.6	"		ND				30	
4-Ethyltoluene	ND	5.0	"		ND				30	
Methylene chloride	ND	3.5	"		ND				30	
Styrene	ND	4.3	"		ND				30	
1,1,2,2-Tetrachloroethane	ND	7.0	"		ND				30	
Tetrahydrofuran	ND	3.0	"		ND				30	
Tetrachloroethene	ND	6.9	"		ND				30	
1,1,2-Trichloroethane	ND	5.6	"		ND				30	
1,1,1-Trichloroethane	ND	5.6	"		ND				30	
Trichloroethene	ND	5.5	"		ND				30	
Trichlorofluoromethane	ND	5.7	"		ND				30	
1,3,5-Trimethylbenzene	55.1	5.0	"		55.8			1.13	30	
1,2,4-Trimethylbenzene	ND	5.0	"		ND				30	
Vinyl acetate	ND	3.6	"		ND				30	
Vinyl chloride	ND	2.6	"		ND				30	
1,4-Dioxane	ND	18	"		ND				30	
2-Butanone (MEK)	ND	15	"		ND				30	
4-Methyl-2-pentanone (MIBK)	ND	42	"		ND				30	
Benzene	ND	3.3	"		ND				30	
Toluene	ND	3.8	"		ND				30	
Ethylbenzene	ND	4.4	"		ND				30	
m,p-Xylene	ND	8.8	"		ND				30	

SunStar Laboratories, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Katherine RunningCrane, Project Manager

SunStar Laboratories, Inc.
Providing Quality Analytical Services Nationwide

25712 Commercentre Drive
Lake Forest, California 92630
949.297.5020 Phone
949.297.5027 Fax

Gribi Associates	Project: Maz Glass	
1090 Adam Street, Suite K	Project Number: [none]	**Reported:**
Benicia CA, 94510	Project Manager: Jim Gribi	09/23/14 17:21

TO-15 - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 4091619 - EPA 5030 GCMS										
Duplicate (4091619-DUP1)		**Source: T141902-01**		Prepared: 09/16/14 Analyzed: 09/19/14						
o-Xylene	ND	4.4	ug/m³ Air		ND				30	
Surrogate: 4-Bromofluorobenzene	*35.6*		*"*	*45.3*		*78.7*	*40-160*			

Katherine RunningCrane, Project Manager

SunStar Laboratories, Inc.
Providing Quality Analytical Services Nationwide

25712 Commercentre Drive
Lake Forest, California 92630
949.297.5020 Phone
949.297.5027 Fax

Gribi Associates	Project: Maz Glass	
1090 Adam Street, Suite K	Project Number: [none]	**Reported:**
Benicia CA, 94510	Project Manager: Jim Gribi	09/23/14 17:21

Methane by GC - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 4091612 - General Prep VOC-GC										
Blank (4091612-BLK1)				Prepared & Analyzed: 09/16/14						
Methane	ND	5.0	ppm(v)							
Duplicate (4091612-DUP1)		**Source: T141902-01**		Prepared & Analyzed: 09/16/14						
Methane	171	7.8	ppm(v)		167			2.56	20	

Katherine RunningCrane, Project Manager

SunStar Laboratories, Inc.
Providing Quality Analytical Services Nationwide

25712 Commercentre Drive
Lake Forest, California 92630
949.297.5020 Phone
949.297.5027 Fax

Gribi Associates	Project: Maz Glass	
1090 Adam Street, Suite K	Project Number: [none]	**Reported:**
Benicia CA, 94510	Project Manager: Jim Gribi	09/23/14 17:21

Total Volatile Organic Compounds by TO-3 (modified) - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 4091620 - EPA 5030 GCMS										
Blank (4091620-BLK1)				Prepared: 09/16/14 Analyzed: 09/19/14						
C6-C12 (GRO)	ND	7170	ug/m³ Air							
Duplicate (4091620-DUP1)	**Source: T141902-01**			Prepared: 09/16/14 Analyzed: 09/19/14						
C6-C12 (GRO)	7480	7170	ug/m³ Air		7600			1.49	30	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Katherine RunningCrane, Project Manager

SunStar Laboratories, Inc.
Providing Quality Analytical Services Nationwide

25712 Commercentre Drive
Lake Forest, California 92630
949.297.5020 Phone
949.297.5027 Fax

Gribi Associates	Project: Maz Glass	
1090 Adam Street, Suite K	Project Number: [none]	**Reported:**
Benicia CA, 94510	Project Manager: Jim Gribi	09/23/14 17:21

Fixed Gases ASTM D1946-90 - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 4091611 - General Prep VOC-GC										
Blank (4091611-BLK1)				Prepared: 09/16/14 Analyzed: 09/17/14						
Helium	ND	1.00	%							
Carbon Dioxide	ND	1.00	"							
Oxygen	ND	1.00	"							
Nitrogen	ND	1.00	"							
Duplicate (4091611-DUP1)	**Source: T141902-01**			Prepared: 09/16/14 Analyzed: 09/17/14						
Helium	ND	1.57	%		ND					
Carbon Dioxide	3.90	1.57	"		3.87			0.849	20	
Oxygen	13.1	1.57	"		13.2			0.560	20	
Nitrogen	50.9	0.57	"		51.0			0.288	20	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Katherine RunningCrane, Project Manager

SunStar Laboratories, Inc.
25712 Commercentre Dr
Lake Forest, CA 92630
949-297-5020

Chain of Custody Record

Client: Gribi Associates
Address:
Phone: Fax:
Project Manager: J Gribi

Date: 9/15/14 Page: 1 Of 1
Project Name: Maz Glass
Collector: J Gribi / R. Bet-Yonas Client Project #:
Batch #: 774192 EDF #:

Sample ID	Date Sampled	Time	Sample Type	Container Type	~~8260~~ TO-15/3 TPH-G+VOCs	8260 + OXY	8260 BTEX, OXY only	8270	8021 BTEX	8015M (gasoline)	8015M (diesel)	8015M Ext./Carbon Chain	6010/7000 Title 22 Metals	ASTM-1946 He, O_2 O_2 N_2	Methane		Laboratory ID #	Comments/Preservative	Total # of containers
SG-2	9/15/14	9:00	Air	1L Summa	X									X	X		01		
SG-4	"	939	"	"	X									X	X		02		
SG-4 (Dup)	"	927	"	"	X									X	X		03		

Relinquished by: (signature) Date / Time: 9/15/14 1345 Received by: (signature)
Relinquished by: (signature) Date / Time: 9/15/14 Received by: (signature)
Relinquished by: (signature) Date / Time: 9/16/14 1:55 Received by: (signature) Date / Time: 9/16/14 8:55

Total # of containers: 4 9/17

Chain of Custody seals: Y/N/NA
Seals intact? Y/N/NA
Received good condition/cold: 20°

Sample disposal Instructions: Disposal @ $2.00 each ___ Return to client ___ Pickup ___

Turn around time: STD. TAT

Notes: TPH-G/VOCs ug/m3 of mg/m3. No EDF

COC134820

25712 Commercentre Drive
Lake Forest, California 92630
949.297.5020 Phone
949.297.5027 Fax

Gribi Associates	Project: Maz Glass	
1090 Adam Street, Suite K	Project Number: [none]	**Reported:**
Benicia CA, 94510	Project Manager: Jim Gribi	09/23/14 17:21

Notes and Definitions

DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

SunStar Laboratories, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Katherine RunningCrane

Katherine RunningCrane, Project Manager

SunStar Laboratories, Inc.
Providing Quality Analytical Services Nationwide

SAMPLE RECEIVING REVIEW SHEET

BATCH # T141902

Client Name: GRIBI Project: MAZ GLASS

Received by: SUNNY Date/Time Received: 9.16.14 / 8:55

Delivered by : ☐ Client ☐ SunStar Courier ☒ GSO ☐ FedEx ☐ Other _____

Total number of coolers received 1 **Temp criteria = 6°C > 0°C (no frozen containers)**

Temperature: cooler #1 20.2 °C +/- the CF (- 0.2°C) = 20.0 °C corrected temperature

cooler #2 _____ °C +/- the CF (- 0.2°C) = _____ °C corrected temperature

cooler #3 _____ °C +/- the CF (- 0.2°C) = _____ °C corrected temperature

Samples outside temp. but received on ice, w/in 6 hours of final sampling.	☐Yes	☐No*	☒N/A
Custody Seals Intact on Cooler/Sample	☒Yes	☐No*	☐N/A
Sample Containers Intact	☒Yes	☐No*	
Sample labels match COC ID's	☒Yes	☐No*	
Total number of containers received match COC	☒Yes	☐No*	
Proper containers received for analyses requested on COC	☒Yes	☐No*	
Proper preservative indicated on COC/containers for analyses requested	☐Yes	☐No*	☒N/A

Complete shipment received in good condition with correct temperatures, containers, labels, volumes preservatives and within method specified holding times. ☒ **Yes** ☐**No***

* Complete Non-Conformance Receiving Sheet if checked Cooler/Sample Review - Initials and date SL 9.16.14

Comments:

_____

_____

_____

_____

SunStar Laboratories Inc.
25712 Commercentre Dr.
Lake Forest, CA 92630
(949)297-5020
(949)297-5027 fax

* PLEASE DO ***NOT*** WRITE ON OR PLACE LABELS ON SUMMA CANS

SunStar Laboratories

Canister Data Sheet

Client: GRIBI JIM 9-5-14 4+2

Shipping Information			Sampling Information							
Canister Serial #	CHECK Date	Pressure (-30 +/- 2 psia)	Sample ID	Sample Date	Initial Pressure	Final Pressure	Sample Start Time	Sample Finish Time
SSAT- 0438	9/5/2014	-30	SG-2	9-15-14	-26	-1	9:00	9:08
SSAT- 0651	9/5/2014	-30	SG-4	9-15-14	-29	-1	9:39	9:49
SSAT- 0714	9/5/2014	-30	SG4	9-15-14	-30	-1	9:27	9:36
SSAT- 0453	9/5/2014	-30	PURGE CAN	9-15-14	-30	-1.5	8:44	8:47
SSAT- 2045	9/5/2014		MANIFOLD (150)		-15	-1	9:18	9:24
SSAT- 2051	9/5/2014		MANIFOLD (150)					

2 HE

10-27
14-21
10-19

SunStar Laboratories, Inc.
Providing Quality Analytical Services Nationwide

25712 Commercentre Drive
Lake Forest, California 92630
949.297.5020 Phone
949.297.5027 Fax

30 September 2014

Jim Gribi
Gribi Associates
1090 Adam Street, Suite K
Benicia, CA 94510

RE: 9-16-14

Enclosed are the results of analyses for samples received by the laboratory on 09/16/14 08:55. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Katherine RunningCrane
Project Manager

SunStar Laboratories, Inc.
Providing Quality Analytical Services Nationwide

25712 Commercentre Drive
Lake Forest, California 92630
949.297.5020 Phone
949.297.5027 Fax

Gribi Associates	Project: 9-16-14	
1090 Adam Street, Suite K	Project Number: [none]	**Reported:**
Benicia CA, 94510	Project Manager: Jim Gribi	09/30/14 17:00

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SS-1	T141900-01	Soil	09/15/14 10:30	09/16/14 08:55
SS-2	T141900-02	Soil	09/15/14 10:20	09/16/14 08:55
SS-3	T141900-03	Soil	09/15/14 10:35	09/16/14 08:55
SS-4	T141900-04	Soil	09/15/14 10:40	09/16/14 08:55

DETECTIONS SUMMARY

Sample ID: SS-1 **Laboratory ID:** T141900-01

Analyte	Result	Reporting Limit	Units	Method	Notes
Barium	**170**	1.0	mg/kg	EPA 6010B	
Chromium	**30**	2.0	mg/kg	EPA 6010B	
Cobalt	**8.9**	2.0	mg/kg	EPA 6010B	
Copper	**21**	1.0	mg/kg	EPA 6010B	
Lead	**16**	3.0	mg/kg	EPA 6010B	
Nickel	**39**	2.0	mg/kg	EPA 6010B	
Vanadium	**37**	5.0	mg/kg	EPA 6010B	
Zinc	**61**	1.0	mg/kg	EPA 6010B	

Sample ID: SS-2 **Laboratory ID:** T141900-02

Analyte	Result	Reporting Limit	Units	Method	Notes
Barium	**200**	1.0	mg/kg	EPA 6010B	
Chromium	**29**	2.0	mg/kg	EPA 6010B	
Cobalt	**13**	2.0	mg/kg	EPA 6010B	
Copper	**26**	1.0	mg/kg	EPA 6010B	
Lead	**69**	3.0	mg/kg	EPA 6010B	
Nickel	**40**	2.0	mg/kg	EPA 6010B	
Vanadium	**36**	5.0	mg/kg	EPA 6010B	
Zinc	**94**	1.0	mg/kg	EPA 6010B	
Lead	**2.6**	0.10	mg/l	STLC Waste Extractio	

SunStar Laboratories, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Katherine RunningCrane, Project Manager

SunStar Laboratories, Inc.
Providing Quality Analytical Services Nationwide

25712 Commercentre Drive
Lake Forest, California 92630
949.297.5020 Phone
949.297.5027 Fax

Gribi Associates	Project: 9-16-14	
1090 Adam Street, Suite K	Project Number: [none]	**Reported:**
Benicia CA, 94510	Project Manager: Jim Gribi	09/30/14 17:00

Sample ID: SS-2 **Laboratory ID:** T141900-02

Analyte	Result	Reporting Limit	Units	Method	Notes
Mercury	**0.25**	0.10	mg/kg	EPA 7471A Soil	

Sample ID: SS-3 **Laboratory ID:** T141900-03

Analyte	Result	Reporting Limit	Units	Method	Notes
C13-C28 (DRO)	**18**	10	mg/kg	EPA 8015C	
C29-C40 (MORO)	**120**	10	mg/kg	EPA 8015C	
Barium	**150**	1.0	mg/kg	EPA 6010B	
Chromium	**10**	2.0	mg/kg	EPA 6010B	
Cobalt	**44**	2.0	mg/kg	EPA 6010B	
Copper	**8.9**	1.0	mg/kg	EPA 6010B	
Lead	**10**	3.0	mg/kg	EPA 6010B	
Nickel	**20**	2.0	mg/kg	EPA 6010B	
Vanadium	**17**	5.0	mg/kg	EPA 6010B	
Zinc	**42**	1.0	mg/kg	EPA 6010B	
Mercury	**0.29**	0.10	mg/kg	EPA 7471A Soil	

Sample ID: SS-4 **Laboratory ID:** T141900-04

Analyte	Result	Reporting Limit	Units	Method	Notes
Barium	**130**	1.0	mg/kg	EPA 6010B	
Chromium	**9.7**	2.0	mg/kg	EPA 6010B	
Cobalt	**25**	2.0	mg/kg	EPA 6010B	
Copper	**8.8**	1.0	mg/kg	EPA 6010B	
Lead	**11**	3.0	mg/kg	EPA 6010B	
Nickel	**16**	2.0	mg/kg	EPA 6010B	
Vanadium	**15**	5.0	mg/kg	EPA 6010B	
Zinc	**36**	1.0	mg/kg	EPA 6010B	
Mercury	**0.30**	0.10	mg/kg	EPA 7471A Soil	

Katherine RunningCrane, Project Manager

SunStar Laboratories, Inc.
Providing Quality Analytical Services Nationwide

25712 Commercentre Drive
Lake Forest, California 92630
949.297.5020 Phone
949.297.5027 Fax

Gribi Associates	Project: 9-16-14	
1090 Adam Street, Suite K	Project Number: [none]	**Reported:**
Benicia CA, 94510	Project Manager: Jim Gribi	09/30/14 17:00

SS-1

T141900-01 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Extractable Petroleum Hydrocarbons by 8015C									
C6-C12 (GRO)	ND	10	mg/kg	1	4091615	09/16/14	09/17/14	EPA 8015C	
C13-C28 (DRO)	ND	10	"	"	"	"	"	"	
C29-C40 (MORO)	ND	10	"	"	"	"	"	"	
Surrogate: p-Terphenyl		*95.2 %*		*65-135*		"	"	"	
Metals by EPA 6010B									
Antimony	ND	3.0	mg/kg	1	4091616	"	09/16/14	EPA 6010B	
Silver	ND	2.0	"	"	"	"	"	"	
Arsenic	ND	5.0	"	"	"	"	"	"	
Barium	**170**	1.0	"	"	"	"	09/16/14	"	
Beryllium	ND	1.0	"	"	"	"	"	"	
Cadmium	ND	2.0	"	"	"	"	09/16/14	"	
Chromium	**30**	2.0	"	"	"	"	"	"	
Cobalt	**8.9**	2.0	"	"	"	"	"	"	
Copper	**21**	1.0	"	"	"	"	09/16/14	"	
Lead	**16**	3.0	"	"	"	"	09/16/14	"	
Molybdenum	ND	5.0	"	"	"	"	"	"	
Nickel	**39**	2.0	"	"	"	"	"	"	
Selenium	ND	5.0	"	"	"	"	"	"	
Thallium	ND	2.0	"	"	"	"	"	"	
Vanadium	**37**	5.0	"	"	"	"	09/16/14	"	
Zinc	**61**	1.0	"	"	"	"	09/16/14	"	
Cold Vapor Extraction EPA 7470/7471									
Mercury	ND	0.10	mg/kg	1	4091614	09/16/14	09/16/14	EPA 7471A Soil	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Katherine RunningCrane, Project Manager

SunStar Laboratories, Inc.
Providing Quality Analytical Services Nationwide

25712 Commercentre Drive
Lake Forest, California 92630
949.297.5020 Phone
949.297.5027 Fax

Gribi Associates	Project: 9-16-14	
1090 Adam Street, Suite K	Project Number: [none]	**Reported:**
Benicia CA, 94510	Project Manager: Jim Gribi	09/30/14 17:00

SS-1

T141900-01 (Soil)

SunStar Laboratories, Inc.

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Bromobenzene	ND	5.0	ug/kg	1	4091617	09/16/14	09/17/14	EPA 8260B	
Bromochloromethane	ND	5.0	"	"	"	"	"	"	
Bromodichloromethane	ND	5.0	"	"	"	"	"	"	
Bromoform	ND	5.0	"	"	"	"	"	"	
Bromomethane	ND	5.0	"	"	"	"	"	"	
n-Butylbenzene	ND	5.0	"	"	"	"	"	"	
sec-Butylbenzene	ND	5.0	"	"	"	"	"	"	
tert-Butylbenzene	ND	5.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	5.0	"	"	"	"	"	"	
Chlorobenzene	ND	5.0	"	"	"	"	"	"	
Chloroethane	ND	5.0	"	"	"	"	"	"	
Chloroform	ND	5.0	"	"	"	"	"	"	
Chloromethane	ND	5.0	"	"	"	"	"	"	
2-Chlorotoluene	ND	5.0	"	"	"	"	"	"	
4-Chlorotoluene	ND	5.0	"	"	"	"	"	"	
Dibromochloromethane	ND	5.0	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	10	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	5.0	"	"	"	"	"	"	
Dibromomethane	ND	5.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	5.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	5.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	5.0	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	5.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	5.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND	5.0	"	"	"	"	"	"	
1,1-Dichloroethene	ND	5.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	5.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	5.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	5.0	"	"	"	"	"	"	
1,3-Dichloropropane	ND	5.0	"	"	"	"	"	"	
2,2-Dichloropropane	ND	5.0	"	"	"	"	"	"	
1,1-Dichloropropene	ND	5.0	"	"	"	"	"	"	

Katherine RunningCrane, Project Manager

SunStar Laboratories, Inc.
Providing Quality Analytical Services Nationwide

25712 Commercentre Drive
Lake Forest, California 92630
949.297.5020 Phone
949.297.5027 Fax

Gribi Associates	Project: 9-16-14	
1090 Adam Street, Suite K	Project Number: [none]	**Reported:**
Benicia CA, 94510	Project Manager: Jim Gribi	09/30/14 17:00

SS-1

T141900-01 (Soil)

SunStar Laboratories, Inc.

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
cis-1,3-Dichloropropene	ND	5.0	ug/kg	1	4091617	09/16/14	09/17/14	EPA 8260B	
trans-1,3-Dichloropropene	ND	5.0	"	"	"	"	"	"	
Hexachlorobutadiene	ND	5.0	"	"	"	"	"	"	
Isopropylbenzene	ND	5.0	"	"	"	"	"	"	
p-Isopropyltoluene	ND	5.0	"	"	"	"	"	"	
Methylene chloride	ND	5.0	"	"	"	"	"	"	
Naphthalene	ND	5.0	"	"	"	"	"	"	
n-Propylbenzene	ND	5.0	"	"	"	"	"	"	
Styrene	ND	5.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	5.0	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	5.0	"	"	"	"	"	"	
Tetrachloroethene	ND	5.0	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	5.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	5.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	5.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	5.0	"	"	"	"	"	"	
Trichloroethene	ND	5.0	"	"	"	"	"	"	
Trichlorofluoromethane	ND	5.0	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	5.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	5.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	5.0	"	"	"	"	"	"	
Vinyl chloride	ND	5.0	"	"	"	"	"	"	
Benzene	ND	5.0	"	"	"	"	"	"	
Toluene	ND	5.0	"	"	"	"	"	"	
Ethylbenzene	ND	5.0	"	"	"	"	"	"	
m,p-Xylene	ND	10	"	"	"	"	"	"	
o-Xylene	ND	5.0	"	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*95.6 %*		*81.2-123*		"	"	"	
Surrogate: Dibromofluoromethane		*130 %*		*95.7-135*		"	"	"	
Surrogate: Toluene-d8		*93.6 %*		*85.5-116*		"	"	"	

Katherine RunningCrane, Project Manager

SunStar Laboratories, Inc.
Providing Quality Analytical Services Nationwide

25712 Commercentre Drive
Lake Forest, California 92630
949.297.5020 Phone
949.297.5027 Fax

Gribi Associates	Project: 9-16-14	
1090 Adam Street, Suite K	Project Number: [none]	**Reported:**
Benicia CA, 94510	Project Manager: Jim Gribi	09/30/14 17:00

SS-2

T141900-02 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Extractable Petroleum Hydrocarbons by 8015C									
C6-C12 (GRO)	ND	10	mg/kg	1	4091615	09/16/14	09/17/14	EPA 8015C	
C13-C28 (DRO)	ND	10	"	"	"	"	"	"	
C29-C40 (MORO)	ND	10	"	"	"	"	"	"	
Surrogate: p-Terphenyl		*93.2 %*	*65-135*		"	"	"	"	
Metals by EPA 6010B									
Antimony	ND	3.0	mg/kg	1	4091616	"	09/16/14	EPA 6010B	
Silver	ND	2.0	"	"	"	"	"	"	
Arsenic	ND	5.0	"	"	"	"	"	"	
Barium	**200**	1.0	"	"	"	"	"	"	
Beryllium	ND	1.0	"	"	"	"	09/16/14	"	
Cadmium	ND	2.0	"	"	"	"	09/16/14	"	
Chromium	**29**	2.0	"	"	"	"	"	"	
Cobalt	**13**	2.0	"	"	"	"	"	"	
Copper	**26**	1.0	"	"	"	"	"	"	
Lead	**69**	3.0	"	"	"	"	"	"	
Molybdenum	ND	5.0	"	"	"	"	"	"	
Nickel	**40**	2.0	"	"	"	"	"	"	
Selenium	ND	5.0	"	"	"	"	"	"	
Thallium	ND	2.0	"	"	"	"	"	"	
Vanadium	**36**	5.0	"	"	"	"	"	"	
Zinc	**94**	1.0	"	"	"	"	"	"	
STLC Metals by 6000/7000 Series Methods									
Lead	**2.6**	0.10	mg/l	1	4092506	09/25/14	09/29/14	STLC Waste Extraction Test	

SunStar Laboratories, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Katherine RunningCrane, Project Manager

SunStar Laboratories, Inc.
Providing Quality Analytical Services Nationwide

25712 Commercentre Drive
Lake Forest, California 92630
949.297.5020 Phone
949.297.5027 Fax

Gribi Associates	Project: 9-16-14	
1090 Adam Street, Suite K	Project Number: [none]	**Reported:**
Benicia CA, 94510	Project Manager: Jim Gribi	09/30/14 17:00

SS-2

T141900-02 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Cold Vapor Extraction EPA 7470/7471									
Mercury	**0.25**	0.10	mg/kg	1	4091614	09/16/14	09/16/14	EPA 7471A Soil	
Volatile Organic Compounds by EPA Method 8260B									
Bromobenzene	ND	5.0	ug/kg	1	4091617	09/16/14	09/17/14	EPA 8260B	
Bromochloromethane	ND	5.0	"	"	"	"	"	"	
Bromodichloromethane	ND	5.0	"	"	"	"	"	"	
Bromoform	ND	5.0	"	"	"	"	"	"	
Bromomethane	ND	5.0	"	"	"	"	"	"	
n-Butylbenzene	ND	5.0	"	"	"	"	"	"	
sec-Butylbenzene	ND	5.0	"	"	"	"	"	"	
tert-Butylbenzene	ND	5.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	5.0	"	"	"	"	"	"	
Chlorobenzene	ND	5.0	"	"	"	"	"	"	
Chloroethane	ND	5.0	"	"	"	"	"	"	
Chloroform	ND	5.0	"	"	"	"	"	"	
Chloromethane	ND	5.0	"	"	"	"	"	"	
2-Chlorotoluene	ND	5.0	"	"	"	"	"	"	
4-Chlorotoluene	ND	5.0	"	"	"	"	"	"	
Dibromochloromethane	ND	5.0	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	10	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	5.0	"	"	"	"	"	"	
Dibromomethane	ND	5.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	5.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	5.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	5.0	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	5.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	5.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND	5.0	"	"	"	"	"	"	
1,1-Dichloroethene	ND	5.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	5.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	5.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	5.0	"	"	"	"	"	"	

SunStar Laboratories, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Katherine RunningCrane, Project Manager

SunStar Laboratories, Inc.
Providing Quality Analytical Services Nationwide

25712 Commercentre Drive
Lake Forest, California 92630
949.297.5020 Phone
949.297.5027 Fax

Gribi Associates	Project: 9-16-14	
1090 Adam Street, Suite K	Project Number: [none]	**Reported:**
Benicia CA, 94510	Project Manager: Jim Gribi	09/30/14 17:00

SS-2

T141900-02 (Soil)

SunStar Laboratories, Inc.

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
1,3-Dichloropropane	ND	5.0	ug/kg	1	4091617	09/16/14	09/17/14	EPA 8260B	
2,2-Dichloropropane	ND	5.0	"	"	"	"	"	"	
1,1-Dichloropropene	ND	5.0	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	5.0	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	5.0	"	"	"	"	"	"	
Hexachlorobutadiene	ND	5.0	"	"	"	"	"	"	
Isopropylbenzene	ND	5.0	"	"	"	"	"	"	
p-Isopropyltoluene	ND	5.0	"	"	"	"	"	"	
Methylene chloride	ND	5.0	"	"	"	"	"	"	
Naphthalene	ND	5.0	"	"	"	"	"	"	
n-Propylbenzene	ND	5.0	"	"	"	"	"	"	
Styrene	ND	5.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	5.0	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	5.0	"	"	"	"	"	"	
Tetrachloroethene	ND	5.0	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	5.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	5.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	5.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	5.0	"	"	"	"	"	"	
Trichloroethene	ND	5.0	"	"	"	"	"	"	
Trichlorofluoromethane	ND	5.0	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	5.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	5.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	5.0	"	"	"	"	"	"	
Vinyl chloride	ND	5.0	"	"	"	"	"	"	
Benzene	ND	5.0	"	"	"	"	"	"	
Toluene	ND	5.0	"	"	"	"	"	"	
Ethylbenzene	ND	5.0	"	"	"	"	"	"	
m,p-Xylene	ND	10	"	"	"	"	"	"	
o-Xylene	ND	5.0	"	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*91.1 %*	*81.2-123*		"	"	"	"	
Surrogate: Dibromofluoromethane		*133 %*	*95.7-135*		"	"	"	"	

SunStar Laboratories, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Katherine RunningCrane, Project Manager

SunStar Laboratories, Inc.
Providing Quality Analytical Services Nationwide

25712 Commercentre Drive
Lake Forest, California 92630
949.297.5020 Phone
949.297.5027 Fax

Gribi Associates	Project: 9-16-14	
1090 Adam Street, Suite K	Project Number: [none]	**Reported:**
Benicia CA, 94510	Project Manager: Jim Gribi	09/30/14 17:00

SS-2

T141900-02 (Soil)

SunStar Laboratories, Inc.

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: Toluene-d8		*94.0 %*	*85.5-116*		*4091617*	*09/16/14*	*09/17/14*	*EPA 8260B*	

SunStar Laboratories, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Katherine RunningCrane, Project Manager

SunStar Laboratories, Inc.
Providing Quality Analytical Services Nationwide

25712 Commercentre Drive
Lake Forest, California 92630
949.297.5020 Phone
949.297.5027 Fax

Gribi Associates	Project: 9-16-14	
1090 Adam Street, Suite K	Project Number: [none]	**Reported:**
Benicia CA, 94510	Project Manager: Jim Gribi	09/30/14 17:00

SS-3

T141900-03 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Extractable Petroleum Hydrocarbons by 8015C									
C6-C12 (GRO)	ND	10	mg/kg	1	4091615	09/16/14	09/17/14	EPA 8015C	
C13-C28 (DRO)	**18**	10	"	"	"	"	"	"	
C29-C40 (MORO)	**120**	10	"	"	"	"	"	"	
Surrogate: p-Terphenyl		*105 %*	*65-135*		*"*	*"*	*"*	*"*	
Metals by EPA 6010B									
Antimony	ND	3.0	mg/kg	1	4091616	"	09/16/14	EPA 6010B	
Silver	ND	2.0	"	"	"	"	"	"	
Arsenic	ND	5.0	"	"	"	"	"	"	
Barium	**150**	1.0	"	"	"	"	"	"	
Beryllium	ND	1.0	"	"	"	"	"	"	
Cadmium	ND	2.0	"	"	"	"	"	"	
Chromium	**10**	2.0	"	"	"	"	"	"	
Cobalt	**44**	2.0	"	"	"	"	"	"	
Copper	**8.9**	1.0	"	"	"	"	"	"	
Lead	**10**	3.0	"	"	"	"	"	"	
Molybdenum	ND	5.0	"	"	"	"	"	"	
Nickel	**20**	2.0	"	"	"	"	"	"	
Selenium	ND	5.0	"	"	"	"	"	"	
Thallium	ND	2.0	"	"	"	"	"	"	
Vanadium	**17**	5.0	"	"	"	"	"	"	
Zinc	**42**	1.0	"	"	"	"	"	"	
Cold Vapor Extraction EPA 7470/7471									
Mercury	**0.29**	0.10	mg/kg	1	4091614	09/16/14	09/16/14	EPA 7471A Soil	

Katherine RunningCrane, Project Manager

SunStar Laboratories, Inc.
Providing Quality Analytical Services Nationwide

25712 Commercentre Drive
Lake Forest, California 92630
949.297.5020 Phone
949.297.5027 Fax

Gribi Associates	Project: 9-16-14	
1090 Adam Street, Suite K	Project Number: [none]	**Reported:**
Benicia CA, 94510	Project Manager: Jim Gribi	09/30/14 17:00

SS-3

T141900-03 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by EPA Method 8260B									
Bromobenzene	ND	5.0	ug/kg	1	4091617	09/16/14	09/17/14	EPA 8260B	
Bromochloromethane	ND	5.0	"	"	"	"	"	"	
Bromodichloromethane	ND	5.0	"	"	"	"	"	"	
Bromoform	ND	5.0	"	"	"	"	"	"	
Bromomethane	ND	5.0	"	"	"	"	"	"	
n-Butylbenzene	ND	5.0	"	"	"	"	"	"	
sec-Butylbenzene	ND	5.0	"	"	"	"	"	"	
tert-Butylbenzene	ND	5.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	5.0	"	"	"	"	"	"	
Chlorobenzene	ND	5.0	"	"	"	"	"	"	
Chloroethane	ND	5.0	"	"	"	"	"	"	
Chloroform	ND	5.0	"	"	"	"	"	"	
Chloromethane	ND	5.0	"	"	"	"	"	"	
2-Chlorotoluene	ND	5.0	"	"	"	"	"	"	
4-Chlorotoluene	ND	5.0	"	"	"	"	"	"	
Dibromochloromethane	ND	5.0	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	10	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	5.0	"	"	"	"	"	"	
Dibromomethane	ND	5.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	5.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	5.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	5.0	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	5.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	5.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND	5.0	"	"	"	"	"	"	
1,1-Dichloroethene	ND	5.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	5.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	5.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	5.0	"	"	"	"	"	"	
1,3-Dichloropropane	ND	5.0	"	"	"	"	"	"	
2,2-Dichloropropane	ND	5.0	"	"	"	"	"	"	
1,1-Dichloropropene	ND	5.0	"	"	"	"	"	"	

SunStar Laboratories, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Katherine RunningCrane, Project Manager

SunStar Laboratories, Inc.
Providing Quality Analytical Services Nationwide

25712 Commercentre Drive
Lake Forest, California 92630
949.297.5020 Phone
949.297.5027 Fax

Gribi Associates	Project: 9-16-14	
1090 Adam Street, Suite K	Project Number: [none]	**Reported:**
Benicia CA, 94510	Project Manager: Jim Gribi	09/30/14 17:00

SS-3

T141900-03 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by EPA Method 8260B									
cis-1,3-Dichloropropene	ND	5.0	ug/kg	1	4091617	09/16/14	09/17/14	EPA 8260B	
trans-1,3-Dichloropropene	ND	5.0	"	"	"	"	"	"	
Hexachlorobutadiene	ND	5.0	"	"	"	"	"	"	
Isopropylbenzene	ND	5.0	"	"	"	"	"	"	
p-Isopropyltoluene	ND	5.0	"	"	"	"	"	"	
Methylene chloride	ND	5.0	"	"	"	"	"	"	
Naphthalene	ND	5.0	"	"	"	"	"	"	
n-Propylbenzene	ND	5.0	"	"	"	"	"	"	
Styrene	ND	5.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	5.0	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	5.0	"	"	"	"	"	"	
Tetrachloroethene	ND	5.0	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	5.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	5.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	5.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	5.0	"	"	"	"	"	"	
Trichloroethene	ND	5.0	"	"	"	"	"	"	
Trichlorofluoromethane	ND	5.0	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	5.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	5.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	5.0	"	"	"	"	"	"	
Vinyl chloride	ND	5.0	"	"	"	"	"	"	
Benzene	ND	5.0	"	"	"	"	"	"	
Toluene	ND	5.0	"	"	"	"	"	"	
Ethylbenzene	ND	5.0	"	"	"	"	"	"	
m,p-Xylene	ND	10	"	"	"	"	"	"	
o-Xylene	ND	5.0	"	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*93.6 %*	*81.2-123*		"	"	"	"	
Surrogate: Dibromofluoromethane		*131 %*	*95.7-135*		"	"	"	"	
Surrogate: Toluene-d8		*90.5 %*	*85.5-116*		"	"	"	"	

Katherine RunningCrane, Project Manager

SunStar Laboratories, Inc.
Providing Quality Analytical Services Nationwide

25712 Commercentre Drive
Lake Forest, California 92630
949.297.5020 Phone
949.297.5027 Fax

Gribi Associates	Project: 9-16-14	
1090 Adam Street, Suite K	Project Number: [none]	**Reported:**
Benicia CA, 94510	Project Manager: Jim Gribi	09/30/14 17:00

SS-4

T141900-04 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Extractable Petroleum Hydrocarbons by 8015C									
C6-C12 (GRO)	ND	10	mg/kg	1	4091615	09/16/14	09/17/14	EPA 8015C	
C13-C28 (DRO)	ND	10	"	"	"	"	"	"	
C29-C40 (MORO)	ND	10	"	"	"	"	"	"	
Surrogate: p-Terphenyl		*99.2 %*	*65-135*		"	"	"	"	
Metals by EPA 6010B									
Antimony	ND	3.0	mg/kg	1	4091616	"	09/16/14	EPA 6010B	
Silver	ND	2.0	"	"	"	"	"	"	
Arsenic	ND	5.0	"	"	"	"	"	"	
Barium	**130**	1.0	"	"	"	"	"	"	
Beryllium	ND	1.0	"	"	"	"	"	"	
Cadmium	ND	2.0	"	"	"	"	"	"	
Chromium	**9.7**	2.0	"	"	"	"	"	"	
Cobalt	**25**	2.0	"	"	"	"	"	"	
Copper	**8.8**	1.0	"	"	"	"	"	"	
Lead	**11**	3.0	"	"	"	"	"	"	
Molybdenum	ND	5.0	"	"	"	"	"	"	
Nickel	**16**	2.0	"	"	"	"	"	"	
Selenium	ND	5.0	"	"	"	"	"	"	
Thallium	ND	2.0	"	"	"	"	"	"	
Vanadium	**15**	5.0	"	"	"	"	"	"	
Zinc	**36**	1.0	"	"	"	"	"	"	
Cold Vapor Extraction EPA 7470/7471									
Mercury	**0.30**	0.10	mg/kg	1	4091614	09/16/14	09/16/14	EPA 7471A Soil	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Katherine RunningCrane, Project Manager

SunStar Laboratories, Inc.
Providing Quality Analytical Services Nationwide

25712 Commercentre Drive
Lake Forest, California 92630
949.297.5020 Phone
949.297.5027 Fax

Gribi Associates	Project: 9-16-14	
1090 Adam Street, Suite K	Project Number: [none]	**Reported:**
Benicia CA, 94510	Project Manager: Jim Gribi	09/30/14 17:00

SS-4

T141900-04 (Soil)

SunStar Laboratories, Inc.

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Bromobenzene	ND	5.0	ug/kg	1	4091617	09/16/14	09/17/14	EPA 8260B	
Bromochloromethane	ND	5.0	"	"	"	"	"	"	
Bromodichloromethane	ND	5.0	"	"	"	"	"	"	
Bromoform	ND	5.0	"	"	"	"	"	"	
Bromomethane	ND	5.0	"	"	"	"	"	"	
n-Butylbenzene	ND	5.0	"	"	"	"	"	"	
sec-Butylbenzene	ND	5.0	"	"	"	"	"	"	
tert-Butylbenzene	ND	5.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	5.0	"	"	"	"	"	"	
Chlorobenzene	ND	5.0	"	"	"	"	"	"	
Chloroethane	ND	5.0	"	"	"	"	"	"	
Chloroform	ND	5.0	"	"	"	"	"	"	
Chloromethane	ND	5.0	"	"	"	"	"	"	
2-Chlorotoluene	ND	5.0	"	"	"	"	"	"	
4-Chlorotoluene	ND	5.0	"	"	"	"	"	"	
Dibromochloromethane	ND	5.0	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	10	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	5.0	"	"	"	"	"	"	
Dibromomethane	ND	5.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	5.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	5.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	5.0	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	5.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	5.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND	5.0	"	"	"	"	"	"	
1,1-Dichloroethene	ND	5.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	5.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	5.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	5.0	"	"	"	"	"	"	
1,3-Dichloropropane	ND	5.0	"	"	"	"	"	"	
2,2-Dichloropropane	ND	5.0	"	"	"	"	"	"	
1,1-Dichloropropene	ND	5.0	"	"	"	"	"	"	

Katherine RunningCrane, Project Manager

SunStar Laboratories, Inc.
Providing Quality Analytical Services Nationwide

25712 Commercentre Drive
Lake Forest, California 92630
949.297.5020 Phone
949.297.5027 Fax

Gribi Associates	Project: 9-16-14	
1090 Adam Street, Suite K	Project Number: [none]	**Reported:**
Benicia CA, 94510	Project Manager: Jim Gribi	09/30/14 17:00

SS-4

T141900-04 (Soil)

SunStar Laboratories, Inc.

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
cis-1,3-Dichloropropene	ND	5.0	ug/kg	1	4091617	09/16/14	09/17/14	EPA 8260B	
trans-1,3-Dichloropropene	ND	5.0	"	"	"	"	"	"	
Hexachlorobutadiene	ND	5.0	"	"	"	"	"	"	
Isopropylbenzene	ND	5.0	"	"	"	"	"	"	
p-Isopropyltoluene	ND	5.0	"	"	"	"	"	"	
Methylene chloride	ND	5.0	"	"	"	"	"	"	
Naphthalene	ND	5.0	"	"	"	"	"	"	
n-Propylbenzene	ND	5.0	"	"	"	"	"	"	
Styrene	ND	5.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	5.0	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	5.0	"	"	"	"	"	"	
Tetrachloroethene	ND	5.0	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	5.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	5.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	5.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	5.0	"	"	"	"	"	"	
Trichloroethene	ND	5.0	"	"	"	"	"	"	
Trichlorofluoromethane	ND	5.0	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	5.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	5.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	5.0	"	"	"	"	"	"	
Vinyl chloride	ND	5.0	"	"	"	"	"	"	
Benzene	ND	5.0	"	"	"	"	"	"	
Toluene	ND	5.0	"	"	"	"	"	"	
Ethylbenzene	ND	5.0	"	"	"	"	"	"	
m,p-Xylene	ND	10	"	"	"	"	"	"	
o-Xylene	ND	5.0	"	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*94.2 %*		*81.2-123*		"	"	"	
Surrogate: Dibromofluoromethane		*131 %*		*95.7-135*		"	"	"	
Surrogate: Toluene-d8		*92.1 %*		*85.5-116*		"	"	"	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Katherine RunningCrane, Project Manager

SunStar Laboratories, Inc.
Providing Quality Analytical Services Nationwide

25712 Commercentre Drive
Lake Forest, California 92630
949.297.5020 Phone
949.297.5027 Fax

Gribi Associates	Project: 9-16-14	
1090 Adam Street, Suite K	Project Number: [none]	**Reported:**
Benicia CA, 94510	Project Manager: Jim Gribi	09/30/14 17:00

Extractable Petroleum Hydrocarbons by 8015C - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 4091615 - EPA 3550B GC										
Blank (4091615-BLK1)				Prepared: 09/16/14 Analyzed: 09/17/14						
C6-C12 (GRO)	ND	10	mg/kg							
C13-C28 (DRO)	ND	10	"							
C29-C40 (MORO)	ND	10	"							
Surrogate: p-Terphenyl	*97.2*		*"*	*100*		*97.2*	*65-135*			
LCS (4091615-BS1)				Prepared: 09/16/14 Analyzed: 09/17/14						
C13-C28 (DRO)	460	10	mg/kg	500		91.8	75-125			
Surrogate: p-Terphenyl	*94.2*		*"*	*100*		*94.2*	*65-135*			
Matrix Spike (4091615-MS1)	**Source: T141900-01**			Prepared: 09/16/14 Analyzed: 09/18/14						
C13-C28 (DRO)	460	10	mg/kg	500	ND	91.3	75-125			
Surrogate: p-Terphenyl	*93.5*		*"*	*100*		*93.5*	*65-135*			
Matrix Spike Dup (4091615-MSD1)	**Source: T141900-01**			Prepared: 09/16/14 Analyzed: 09/18/14						
C13-C28 (DRO)	460	10	mg/kg	500	ND	92.0	75-125	0.871	20	
Surrogate: p-Terphenyl	*94.8*		*"*	*100*		*94.8*	*65-135*			

Katherine RunningCrane, Project Manager

SunStar Laboratories, Inc.
Providing Quality Analytical Services Nationwide

25712 Commercentre Drive
Lake Forest, California 92630
949.297.5020 Phone
949.297.5027 Fax

Gribi Associates	Project: 9-16-14	
1090 Adam Street, Suite K	Project Number: [none]	**Reported:**
Benicia CA, 94510	Project Manager: Jim Gribi	09/30/14 17:00

Metals by EPA 6010B - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 4091616 - EPA 3050B										
Blank (4091616-BLK1)				Prepared & Analyzed: 09/16/14						
Antimony	ND	3.0	mg/kg							
Silver	ND	2.0	"							
Arsenic	ND	5.0	"							
Barium	ND	1.0	"							
Beryllium	ND	1.0	"							
Cadmium	ND	2.0	"							
Chromium	ND	2.0	"							
Cobalt	ND	2.0	"							
Copper	ND	1.0	"							
Lead	ND	3.0	"							
Molybdenum	ND	5.0	"							
Nickel	ND	2.0	"							
Selenium	ND	5.0	"							
Thallium	ND	2.0	"							
Vanadium	ND	5.0	"							
Zinc	ND	1.0	"							
LCS (4091616-BS1)				Prepared & Analyzed: 09/16/14						
Arsenic	99.9	5.0	mg/kg	100		99.9	75-125			
Barium	103	1.0	"	100		103	75-125			
Cadmium	101	2.0	"	100		101	75-125			
Chromium	103	2.0	"	100		103	75-125			
Lead	102	3.0	"	100		102	75-125			
Matrix Spike (4091616-MS1)		**Source: T141900-01**		Prepared & Analyzed: 09/16/14						
Arsenic	107	5.0	mg/kg	100	2.27	105	75-125			
Barium	294	1.0	"	100	173	121	75-125			
Cadmium	105	2.0	"	100	0.707	104	75-125			
Chromium	141	2.0	"	100	30.2	111	75-125			
Lead	116	3.0	"	100	16.0	100	75-125			

Katherine RunningCrane, Project Manager

SunStar Laboratories, Inc.
Providing Quality Analytical Services Nationwide

25712 Commercentre Drive
Lake Forest, California 92630
949.297.5020 Phone
949.297.5027 Fax

Gribi Associates	Project: 9-16-14	
1090 Adam Street, Suite K	Project Number: [none]	**Reported:**
Benicia CA, 94510	Project Manager: Jim Gribi	09/30/14 17:00

Metals by EPA 6010B - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 4091616 - EPA 3050B										
Matrix Spike Dup (4091616-MSD1)	**Source: T141900-01**			Prepared & Analyzed: 09/16/14						
Arsenic	98.8	5.0	mg/kg	100	2.27	96.5	75-125	8.20	20	
Barium	264	1.0	"	100	173	91.5	75-125	10.5	20	
Cadmium	98.4	2.0	"	100	0.707	97.7	75-125	6.53	20	
Chromium	131	2.0	"	100	30.2	101	75-125	7.83	20	
Lead	110	3.0	"	100	16.0	94.2	75-125	5.49	20	

Katherine RunningCrane, Project Manager

SunStar Laboratories, Inc.
Providing Quality Analytical Services Nationwide

25712 Commercentre Drive
Lake Forest, California 92630
949.297.5020 Phone
949.297.5027 Fax

Gribi Associates	Project: 9-16-14	
1090 Adam Street, Suite K	Project Number: [none]	**Reported:**
Benicia CA, 94510	Project Manager: Jim Gribi	09/30/14 17:00

STLC Metals by 6000/7000 Series Methods - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 4092506 - STLC Extraction										
Blank (4092506-BLK1)				Prepared: 09/25/14 Analyzed: 09/29/14						
Lead	ND	0.10	mg/l							
LCS (4092506-BS1)				Prepared: 09/25/14 Analyzed: 09/29/14						
Lead	10.3	0.10	mg/l	10.0		103	75-125			
Matrix Spike (4092506-MS1)	**Source: T141900-02**			Prepared: 09/25/14 Analyzed: 09/29/14						
Lead	11.0	0.10	mg/l	10.0	2.64	83.4	75-125			
Matrix Spike Dup (4092506-MSD1)	**Source: T141900-02**			Prepared: 09/25/14 Analyzed: 09/29/14						
Lead	10.9	0.10	mg/l	10.0	2.64	82.4	75-125	0.904	30	

SunStar Laboratories, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Katherine RunningCrane, Project Manager

SunStar Laboratories, Inc.
Providing Quality Analytical Services Nationwide

25712 Commercentre Drive
Lake Forest, California 92630
949.297.5020 Phone
949.297.5027 Fax

Gribi Associates	Project: 9-16-14	
1090 Adam Street, Suite K	Project Number: [none]	**Reported:**
Benicia CA, 94510	Project Manager: Jim Gribi	09/30/14 17:00

Cold Vapor Extraction EPA 7470/7471 - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 4091614 - EPA 7471A Soil										
Blank (4091614-BLK1)				Prepared & Analyzed: 09/16/14						
Mercury	ND	0.10	mg/kg							
LCS (4091614-BS1)				Prepared & Analyzed: 09/16/14						
Mercury	0.407	0.10	mg/kg	0.417		97.7	80-120			
Matrix Spike (4091614-MS1)	**Source: T141900-01**			Prepared & Analyzed: 09/16/14						
Mercury	0.484	0.10	mg/kg	0.417	0.0555	103	75-125			
Matrix Spike Dup (4091614-MSD1)	**Source: T141900-01**			Prepared & Analyzed: 09/16/14						
Mercury	0.491	0.10	mg/kg	0.417	0.0555	104	75-125	1.41	20	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Katherine RunningCrane

Katherine RunningCrane, Project Manager

SunStar Laboratories, Inc.
Providing Quality Analytical Services Nationwide

25712 Commercentre Drive
Lake Forest, California 92630
949.297.5020 Phone
949.297.5027 Fax

Gribi Associates	Project: 9-16-14	
1090 Adam Street, Suite K	Project Number: [none]	**Reported:**
Benicia CA, 94510	Project Manager: Jim Gribi	09/30/14 17:00

Volatile Organic Compounds by EPA Method 8260B - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 4091617 - EPA 5030 GCMS										
Blank (4091617-BLK1)				Prepared: 09/16/14 Analyzed: 09/17/14						
Bromobenzene	ND	5.0	ug/kg							
Bromochloromethane	ND	5.0	"							
Bromodichloromethane	ND	5.0	"							
Bromoform	ND	5.0	"							
Bromomethane	ND	5.0	"							
n-Butylbenzene	ND	5.0	"							
sec-Butylbenzene	ND	5.0	"							
tert-Butylbenzene	ND	5.0	"							
Carbon tetrachloride	ND	5.0	"							
Chlorobenzene	ND	5.0	"							
Chloroethane	ND	5.0	"							
Chloroform	ND	5.0	"							
Chloromethane	ND	5.0	"							
2-Chlorotoluene	ND	5.0	"							
4-Chlorotoluene	ND	5.0	"							
Dibromochloromethane	ND	5.0	"							
1,2-Dibromo-3-chloropropane	ND	10	"							
1,2-Dibromoethane (EDB)	ND	5.0	"							
Dibromomethane	ND	5.0	"							
1,2-Dichlorobenzene	ND	5.0	"							
1,3-Dichlorobenzene	ND	5.0	"							
1,4-Dichlorobenzene	ND	5.0	"							
Dichlorodifluoromethane	ND	5.0	"							
1,1-Dichloroethane	ND	5.0	"							
1,2-Dichloroethane	ND	5.0	"							
1,1-Dichloroethene	ND	5.0	"							
cis-1,2-Dichloroethene	ND	5.0	"							
trans-1,2-Dichloroethene	ND	5.0	"							
1,2-Dichloropropane	ND	5.0	"							
1,3-Dichloropropane	ND	5.0	"							
2,2-Dichloropropane	ND	5.0	"							
1,1-Dichloropropene	ND	5.0	"							
cis-1,3-Dichloropropene	ND	5.0	"							
trans-1,3-Dichloropropene	ND	5.0	"							
Hexachlorobutadiene	ND	5.0	"							
Isopropylbenzene	ND	5.0	"							

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Katherine RunningCrane

Katherine RunningCrane, Project Manager

SunStar Laboratories, Inc.
Providing Quality Analytical Services Nationwide

25712 Commercentre Drive
Lake Forest, California 92630
949.297.5020 Phone
949.297.5027 Fax

Gribi Associates	Project: 9-16-14	
1090 Adam Street, Suite K	Project Number: [none]	**Reported:**
Benicia CA, 94510	Project Manager: Jim Gribi	09/30/14 17:00

Volatile Organic Compounds by EPA Method 8260B - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 4091617 - EPA 5030 GCMS										
Blank (4091617-BLK1)				Prepared: 09/16/14 Analyzed: 09/17/14						
p-Isopropyltoluene	ND	5.0	ug/kg							
Methylene chloride	ND	5.0	"							
Naphthalene	ND	5.0	"							
n-Propylbenzene	ND	5.0	"							
Styrene	ND	5.0	"							
1,1,2,2-Tetrachloroethane	ND	5.0	"							
1,1,1,2-Tetrachloroethane	ND	5.0	"							
Tetrachloroethene	ND	5.0	"							
1,2,3-Trichlorobenzene	ND	5.0	"							
1,2,4-Trichlorobenzene	ND	5.0	"							
1,1,2-Trichloroethane	ND	5.0	"							
1,1,1-Trichloroethane	ND	5.0	"							
Trichloroethene	ND	5.0	"							
Trichlorofluoromethane	ND	5.0	"							
1,2,3-Trichloropropane	ND	5.0	"							
1,3,5-Trimethylbenzene	ND	5.0	"							
1,2,4-Trimethylbenzene	ND	5.0	"							
Vinyl chloride	ND	5.0	"							
Benzene	ND	5.0	"							
Toluene	ND	5.0	"							
Ethylbenzene	ND	5.0	"							
m,p-Xylene	ND	10	"							
o-Xylene	ND	5.0	"							
Surrogate: 4-Bromofluorobenzene	*42.7*		"	*40.0*		*107*	*81.2-123*			
Surrogate: Dibromofluoromethane	*49.9*		"	*40.0*		*125*	*95.7-135*			
Surrogate: Toluene-d8	*37.8*		"	*40.0*		*94.4*	*85.5-116*			
LCS (4091617-BS1)				Prepared: 09/16/14 Analyzed: 09/17/14						
Chlorobenzene	110	5.0	ug/kg	100		110	75-125			
1,1-Dichloroethene	115	5.0	"	100		115	75-125			
Trichloroethene	117	5.0	"	100		117	75-125			
Benzene	114	5.0	"	100		114	75-125			
Toluene	88.0	5.0	"	100		88.0	75-125			
Surrogate: 4-Bromofluorobenzene	*41.4*		"	*40.0*		*104*	*81.2-123*			
Surrogate: Dibromofluoromethane	*50.0*		"	*40.0*		*125*	*95.7-135*			
Surrogate: Toluene-d8	*36.6*		"	*40.0*		*91.5*	*85.5-116*			

SunStar Laboratories, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Katherine RunningCrane, Project Manager

SunStar Laboratories, Inc.
Providing Quality Analytical Services Nationwide

25712 Commercentre Drive
Lake Forest, California 92630
949.297.5020 Phone
949.297.5027 Fax

Gribi Associates	Project: 9-16-14	
1090 Adam Street, Suite K	Project Number: [none]	**Reported:**
Benicia CA, 94510	Project Manager: Jim Gribi	09/30/14 17:00

Volatile Organic Compounds by EPA Method 8260B - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 4091617 - EPA 5030 GCMS										
Matrix Spike (4091617-MS1)		**Source: T141900-01**		Prepared: 09/16/14 Analyzed: 09/17/14						
Chlorobenzene	114	5.0	ug/kg	100	ND	114	75-125			
1,1-Dichloroethene	115	5.0	"	100	ND	115	75-125			
Trichloroethene	95.7	5.0	"	100	ND	95.7	75-125			
Benzene	116	5.0	"	100	ND	116	75-125			
Toluene	90.2	5.0	"	100	ND	90.2	75-125			
Surrogate: 4-Bromofluorobenzene	*41.6*		"	*40.0*		*104*	*81.2-123*			
Surrogate: Dibromofluoromethane	*52.2*		"	*40.0*		*131*	*95.7-135*			
Surrogate: Toluene-d8	*37.2*		"	*40.0*		*93.0*	*85.5-116*			
Matrix Spike Dup (4091617-MSD1)		**Source: T141900-01**		Prepared: 09/16/14 Analyzed: 09/17/14						
Chlorobenzene	115	5.0	ug/kg	100	ND	115	75-125	1.09	20	
1,1-Dichloroethene	109	5.0	"	100	ND	109	75-125	5.51	20	
Trichloroethene	97.5	5.0	"	100	ND	97.5	75-125	1.86	20	
Benzene	118	5.0	"	100	ND	118	75-125	1.62	20	
Toluene	90.8	5.0	"	100	ND	90.8	75-125	0.552	20	
Surrogate: 4-Bromofluorobenzene	*43.0*		"	*40.0*		*108*	*81.2-123*			
Surrogate: Dibromofluoromethane	*52.8*		"	*40.0*		*132*	*95.7-135*			
Surrogate: Toluene-d8	*37.2*		"	*40.0*		*92.9*	*85.5-116*			

SunStar Laboratories, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Katherine RunningCrane, Project Manager

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

25712 Commercentre Drive
Lake Forest, California 92630
949.297.5020 Phone
949.297.5027 Fax

Gribi Associates	Project: 9-16-14	
1090 Adam Street, Suite K	Project Number: [none]	Reported:
Benicia CA, 94510	Project Manager: Jim Gribi	09/30/14 17:00

Notes and Definitions

DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

SunStar Laboratories, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Katherine RunningCrane

Katherine RunningCrane, Project Manager

SunStar Laboratories, Inc.
25712 Commercentre Dr
Lake Forest, CA 92630
949-297-5020

Chain of Custody Record

Client: Gribi Associates
Address:
Phone: Fax:
Project Manager: J Gribi

Date: 9/15/14 Page: 1 Of 1
Project Name:
Collector: J Gribi/R Bet-Yodaq Client Project #:
Batch #: T141900 EDF #:

Sample ID	Date Sampled	Time	Sample Type	Container Type	8260 VOCs	8260 + OXY	8260 BTEX, OXY only	8270	8021 BTEX	8015M (gasoline)	8015M (diesel)	8015M Ext./Carbon Chain	6010/7000 Title 22 Metals				Laboratory ID #	Comments/Preservative	Total # of containers
SS-1	9/15/14	1030	Soil	Jar	X							X	X				01	STD. TAT BC	
SS-2	"	1020	"	"	X							X	X				02		
SS-3	"	1035	"	"	X							X	X				03		
SS-4	"	1040	"	"	X							X	X				04		

Relinquished by: (signature) [illegible]	Date / Time	Received by: (signature) [illegible]	Date / Time 9-15-14 4 PM
Relinquished by: (signature)	Date / Time 9/15/14 1500	Received by: (signature)	Date / Time
Relinquished by: (signature)	Date / Time	Received by: (signature) [illegible]	Date / Time 9.16.14 8:55

Total # of containers: 4
Chain of Custody seals [✓ Y]/N/NA
Seals intact? [✓ Y]/N/NA
Received good condition/cold: 5.2

Notes: No EDF

Turn around time:

Sample disposal Instructions: Disposal @ $2.00 each ___ Return to client ___ Pickup ___

COC134821

SunStar Laboratories, Inc.
Providing Quality Analytical Services Nationwide

SAMPLE RECEIVING REVIEW SHEET

BATCH # T141900

Client Name: GRIBI Project: 9.16.14

Received by: BRIAN Date/Time Received: 9.16.14 8:55

Delivered by : ☐ Client ☐ SunStar Courier ☒ GSO ☐ FedEx ☐ Other _____

Total number of coolers received 1 **Temp criteria = 6°C > 0°C (no frozen containers)**

Temperature: cooler #1 5.4 °C +/- the CF (- 0.2°C) = 5.2 °C corrected temperature

cooler #2 _____ °C +/- the CF (- 0.2°C) = _____ °C corrected temperature

cooler #3 _____ °C +/- the CF (- 0.2°C) = _____ °C corrected temperature

Samples outside temp. but received on ice, w/in 6 hours of final sampling.	☒Yes	☐No*	☐N/A
Custody Seals Intact on Cooler/Sample	☒Yes	☐No*	☐N/A
Sample Containers Intact	☒Yes	☐No*	
Sample labels match COC ID's	☒Yes	☐No*	
Total number of containers received match COC	☒Yes	☐No*	
Proper containers received for analyses requested on COC	☒Yes	☐No*	
Proper preservative indicated on COC/containers for analyses requested	☐Yes	☐No*	☒N/A

Complete shipment received in good condition with correct temperatures, containers, labels, volumes preservatives and within method specified holding times. ☒ **Yes** ☐ **No***

* Complete Non-Conformance Receiving Sheet if checked Cooler/Sample Review - Initials and date BC 9.16.14

Comments:

_____

_____

_____

_____

SunStar Laboratories, Inc.
Providing Quality Analytical Services Nationwide

25712 Commercentre Drive
Lake Forest, California 92630
949.297.5020 Phone
949.297.5027 Fax

06 October 2014

Jim Gribi
Gribi Associates
1090 Adam Street, Suite K
Benicia, CA 94510

RE: Maz Glass

Enclosed are the results of analyses for samples received by the laboratory on 09/27/14 08:30. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Katherine RunningCrane
Project Manager

SunStar Laboratories, Inc.
Providing Quality Analytical Services Nationwide

25712 Commercentre Drive
Lake Forest, California 92630
949.297.5020 Phone
949.297.5027 Fax

Gribi Associates	Project: Maz Glass	
1090 Adam Street, Suite K	Project Number: [none]	**Reported:**
Benicia CA, 94510	Project Manager: Jim Gribi	10/06/14 15:55

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SG-2	T141992-01	Air	09/25/14 11:12	09/27/14 08:30
SG-5	T141992-02	Air	09/25/14 11:33	09/27/14 08:30
SG-5D	T141992-03	Air	09/25/14 11:42	09/27/14 08:30
SG-2-2.5	T141992-04	Soil	09/25/14 13:35	09/27/14 08:30
SG-2-5.0	T141992-05	Soil	09/25/14 14:25	09/27/14 08:30
SG-5-2.5	T141992-06	Soil	09/25/14 13:45	09/27/14 08:30
SG-5-5.0	T141992-07	Soil	09/25/14 14:05	09/27/14 08:30

DETECTIONS SUMMARY

Sample ID: SG-2 **Laboratory ID:** T141992-01

Analyte	Result	Reporting Limit	Units	Method	Notes
Cyclohexane	**1900**	170	ug/m³ Air	TO-15	TO-14
Hexane	**1000**	180	ug/m³ Air	TO-15	TO-14
Methane	**77**	8.1	ppm(v)	8015M	AO-1
Carbon Dioxide	**5.30**	1.62	%	GC	
Oxygen	**2.01**	1.62	%	GC	
Nitrogen	**58.3**	0.62	%	GC	

Sample ID: SG-5 **Laboratory ID:** T141992-02

Analyte	Result	Reporting Limit	Units	Method	Notes
Methane	**18**	8.0	ppm(v)	8015M	AO-1
Carbon Dioxide	**2.01**	1.59	%	GC	
Oxygen	**9.28**	1.59	%	GC	
Nitrogen	**54.7**	0.59	%	GC	

SunStar Laboratories, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Katherine RunningCrane, Project Manager

SunStar Laboratories, Inc.
Providing Quality Analytical Services Nationwide

25712 Commercentre Drive
Lake Forest, California 92630
949.297.5020 Phone
949.297.5027 Fax

Gribi Associates	Project: Maz Glass	
1090 Adam Street, Suite K	Project Number: [none]	**Reported:**
Benicia CA, 94510	Project Manager: Jim Gribi	10/06/14 15:55

Sample ID: SG-5D **Laboratory ID:** T141992-03

Analyte	Result	Reporting Limit	Units	Method	Notes
Carbon Dioxide	**2.01**	1.58	%	GC	
Oxygen	**10.8**	1.58	%	GC	
Nitrogen	**53.5**	0.58	%	GC	

Sample ID: SG-2-2.5 **Laboratory ID:** T141992-04

No Results Detected

Sample ID: SG-2-5.0 **Laboratory ID:** T141992-05

No Results Detected

Sample ID: SG-5-2.5 **Laboratory ID:** T141992-06

No Results Detected

Sample ID: SG-5-5.0 **Laboratory ID:** T141992-07

No Results Detected

Katherine RunningCrane, Project Manager

SunStar Laboratories, Inc.
Providing Quality Analytical Services Nationwide

25712 Commercentre Drive
Lake Forest, California 92630
949.297.5020 Phone
949.297.5027 Fax

Gribi Associates	Project: Maz Glass	
1090 Adam Street, Suite K	Project Number: [none]	**Reported:**
Benicia CA, 94510	Project Manager: Jim Gribi	10/06/14 15:55

SG-2

T141992-01 (Air)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
TO-15									
Acetone	ND	120	ug/m³ Air	1.62	4092924	09/29/14	10/02/14	TO-15	TO-14
1,3-Butadiene	ND	110	"	"	"	"	"	"	TO-14
Carbon Disulfide	ND	160	"	"	"	"	"	"	TO-14
1,1,2-trichloro-1,2,2-trifluoroethane (CFC 113)	ND	390	"	"	"	"	"	"	TO-14
Isopropyl alcohol	ND	130	"	"	"	"	"	"	TO-14
Bromodichloromethane	ND	340	"	"	"	"	"	"	TO-14
Bromoform	ND	530	"	"	"	"	"	"	TO-14
Bromomethane	ND	200	"	"	"	"	"	"	TO-14
Carbon tetrachloride	ND	320	"	"	"	"	"	"	TO-14
Chlorobenzene	ND	230	"	"	"	"	"	"	TO-14
Chloroethane	ND	130	"	"	"	"	"	"	TO-14
Chloroform	ND	250	"	"	"	"	"	"	TO-14
Chloromethane	ND	110	"	"	"	"	"	"	TO-14
Cyclohexane	**1900**	170	"	"	"	"	"	"	TO-14
Heptane	ND	210	"	"	"	"	"	"	TO-14
Hexane	**1000**	180	"	"	"	"	"	"	TO-14
Dibromochloromethane	ND	430	"	"	"	"	"	"	TO-14
1,2-Dibromoethane (EDB)	ND	390	"	"	"	"	"	"	TO-14
1,2-Dichlorobenzene	ND	310	"	"	"	"	"	"	TO-14
1,3-Dichlorobenzene	ND	310	"	"	"	"	"	"	TO-14
1,4-Dichlorobenzene	ND	310	"	"	"	"	"	"	TO-14
Dichlorodifluoromethane	ND	250	"	"	"	"	"	"	TO-14
1,1-Dichloroethane	ND	210	"	"	"	"	"	"	TO-14
1,2-Dichloroethane	ND	210	"	"	"	"	"	"	TO-14
1,1-Dichloroethene	ND	200	"	"	"	"	"	"	TO-14
cis-1,2-Dichloroethene	ND	200	"	"	"	"	"	"	TO-14
trans-1,2-Dichloroethene	ND	200	"	"	"	"	"	"	TO-14
1,2-Dichloropropane	ND	240	"	"	"	"	"	"	TO-14
cis-1,3-Dichloropropene	ND	230	"	"	"	"	"	"	TO-14
trans-1,3-Dichloropropene	ND	230	"	"	"	"	"	"	TO-14
4-Ethyltoluene	ND	250	"	"	"	"	"	"	TO-14

SunStar Laboratories, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Katherine RunningCrane, Project Manager

SunStar Laboratories, Inc.
Providing Quality Analytical Services Nationwide

25712 Commercentre Drive
Lake Forest, California 92630
949.297.5020 Phone
949.297.5027 Fax

Gribi Associates	Project: Maz Glass	
1090 Adam Street, Suite K	Project Number: [none]	**Reported:**
Benicia CA, 94510	Project Manager: Jim Gribi	10/06/14 15:55

SG-2

T141992-01 (Air)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
TO-15									
Methylene chloride	ND	180	ug/m³ Air	1.62	4092924	09/29/14	10/02/14	TO-15	TO-14
Styrene	ND	220	"	"	"	"	"	"	TO-14
1,1,2,2-Tetrachloroethane	ND	350	"	"	"	"	"	"	TO-14
Tetrahydrofuran	ND	150	"	"	"	"	"	"	TO-14
Tetrachloroethene	ND	350	"	"	"	"	"	"	TO-14
1,1,2-Trichloroethane	ND	280	"	"	"	"	"	"	TO-14
1,1,1-Trichloroethane	ND	280	"	"	"	"	"	"	TO-14
Trichloroethene	ND	270	"	"	"	"	"	"	TO-14
Trichlorofluoromethane	ND	290	"	"	"	"	"	"	TO-14
1,3,5-Trimethylbenzene	ND	250	"	"	"	"	"	"	TO-14
1,2,4-Trimethylbenzene	ND	250	"	"	"	"	"	"	TO-14
Vinyl acetate	ND	180	"	"	"	"	"	"	TO-14
Vinyl chloride	ND	130	"	"	"	"	"	"	TO-14
1,4-Dioxane	ND	180	"	"	"	"	"	"	TO-14
2-Butanone (MEK)	ND	150	"	"	"	"	"	"	TO-14
4-Methyl-2-pentanone (MIBK)	ND	210	"	"	"	"	"	"	TO-14
Benzene	ND	160	"	"	"	"	"	"	TO-14
Toluene	ND	190	"	"	"	"	"	"	TO-14
Ethylbenzene	ND	220	"	"	"	"	"	"	TO-14
m,p-Xylene	ND	220	"	"	"	"	"	"	TO-14
o-Xylene	ND	220	"	"	"	"	"	"	TO-14
Methane by GC									
Methane	**77**	8.1	ppm(v)	1.62	4092926	09/29/14	09/29/14	8015M	AO-1

Katherine RunningCrane, Project Manager

SunStar Laboratories, Inc.
Providing Quality Analytical Services Nationwide

25712 Commercentre Drive
Lake Forest, California 92630
949.297.5020 Phone
949.297.5027 Fax

Gribi Associates	Project: Maz Glass	
1090 Adam Street, Suite K	Project Number: [none]	**Reported:**
Benicia CA, 94510	Project Manager: Jim Gribi	10/06/14 15:55

SG-2

T141992-01 (Air)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Total Volatile Organic Compounds by TO-3 (modified)									
C6-C12 (GRO)	ND	7170	ug/m³ Air	1.62	4092925	09/29/14	10/02/14	TO-3/TO-14 m	
Fixed Gases ASTM D1946-90									
Helium	0.00		%	1.62	4092927	09/29/14	09/30/14	GC	
Carbon Dioxide	**5.30**	1.62	"	"	"	"	"	"	
Oxygen	**2.01**	1.62	"	"	"	"	"	"	
Nitrogen	**58.3**	0.62	"	0.62	"	"	"	"	

Katherine RunningCrane, Project Manager

SunStar Laboratories, Inc.
Providing Quality Analytical Services Nationwide

25712 Commercentre Drive
Lake Forest, California 92630
949.297.5020 Phone
949.297.5027 Fax

Gribi Associates	Project: Maz Glass	
1090 Adam Street, Suite K	Project Number: [none]	**Reported:**
Benicia CA, 94510	Project Manager: Jim Gribi	10/06/14 15:55

SG-5

T141992-02 (Air)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
TO-15									
Acetone	ND	12	ug/m³ Air	1.59	4092924	09/29/14	10/02/14	TO-15	
1,3-Butadiene	ND	4.5	"	"	"	"	"	"	
Carbon Disulfide	ND	3.2	"	"	"	"	"	"	
1,1,2-trichloro-1,2,2-trifluoroethane (CFC 113)	ND	7.7	"	"	"	"	"	"	
Isopropyl alcohol	ND	13	"	"	"	"	"	"	
Bromodichloromethane	ND	6.8	"	"	"	"	"	"	
Bromoform	ND	11	"	"	"	"	"	"	
Bromomethane	ND	4.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	6.4	"	"	"	"	"	"	
Chlorobenzene	ND	4.7	"	"	"	"	"	"	
Chloroethane	ND	2.7	"	"	"	"	"	"	
Chloroform	ND	5.0	"	"	"	"	"	"	
Chloromethane	ND	11	"	"	"	"	"	"	
Cyclohexane	ND	3.5	"	"	"	"	"	"	
Heptane	ND	4.2	"	"	"	"	"	"	
Hexane	ND	3.6	"	"	"	"	"	"	
Dibromochloromethane	ND	8.7	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	7.8	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	6.1	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	6.1	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	6.1	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	5.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	4.1	"	"	"	"	"	"	
1,2-Dichloroethane	ND	4.1	"	"	"	"	"	"	
1,1-Dichloroethene	ND	4.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	4.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	4.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	4.7	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	4.6	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	4.6	"	"	"	"	"	"	
4-Ethyltoluene	ND	5.0	"	"	"	"	"	"	

Katherine RunningCrane

Katherine RunningCrane, Project Manager

SunStar Laboratories, Inc.
Providing Quality Analytical Services Nationwide

25712 Commercentre Drive
Lake Forest, California 92630
949.297.5020 Phone
949.297.5027 Fax

Gribi Associates	Project: Maz Glass	
1090 Adam Street, Suite K	Project Number: [none]	**Reported:**
Benicia CA, 94510	Project Manager: Jim Gribi	10/06/14 15:55

SG-5

T141992-02 (Air)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
TO-15									
Methylene chloride	ND	3.5	ug/m³ Air	1.59	4092924	09/29/14	10/02/14	TO-15	
Styrene	ND	4.3	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	7.0	"	"	"	"	"	"	
Tetrahydrofuran	ND	3.0	"	"	"	"	"	"	
Tetrachloroethene	ND	6.9	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	5.6	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	5.6	"	"	"	"	"	"	
Trichloroethene	ND	5.5	"	"	"	"	"	"	
Trichlorofluoromethane	ND	5.7	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	5.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	5.0	"	"	"	"	"	"	
Vinyl acetate	ND	3.6	"	"	"	"	"	"	
Vinyl chloride	ND	2.6	"	"	"	"	"	"	
1,4-Dioxane	ND	18	"	"	"	"	"	"	
2-Butanone (MEK)	ND	15	"	"	"	"	"	"	
4-Methyl-2-pentanone (MIBK)	ND	42	"	"	"	"	"	"	
Benzene	ND	3.3	"	"	"	"	"	"	
Toluene	ND	3.8	"	"	"	"	"	"	
Ethylbenzene	ND	4.4	"	"	"	"	"	"	
m,p-Xylene	ND	8.8	"	"	"	"	"	"	
o-Xylene	ND	4.4	"	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*55.4 %*		*40-160*		"	"	"	
Methane by GC									
Methane	**18**	8.0	ppm(v)	1.59	4092926	09/29/14	09/29/14	8015M	AO-1

Katherine RunningCrane

Katherine RunningCrane, Project Manager

SunStar Laboratories, Inc.
Providing Quality Analytical Services Nationwide

25712 Commercentre Drive
Lake Forest, California 92630
949.297.5020 Phone
949.297.5027 Fax

Gribi Associates	Project: Maz Glass	
1090 Adam Street, Suite K	Project Number: [none]	**Reported:**
Benicia CA, 94510	Project Manager: Jim Gribi	10/06/14 15:55

SG-5

T141992-02 (Air)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Total Volatile Organic Compounds by TO-3 (modified)									
C6-C12 (GRO)	ND	7170	ug/m³ Air	1.59	4092925	09/29/14	10/02/14	TO-3/TO-14 m	
Fixed Gases ASTM D1946-90									
Helium	0.00		%	1.59	4092927	09/29/14	09/30/14	GC	
Carbon Dioxide	**2.01**	1.59	"	"	"	"	"	"	
Oxygen	**9.28**	1.59	"	"	"	"	"	"	
Nitrogen	**54.7**	0.59	"	0.59	"	"	"	"	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Katherine RunningCrane, Project Manager

SunStar Laboratories, Inc.
Providing Quality Analytical Services Nationwide

25712 Commercentre Drive
Lake Forest, California 92630
949.297.5020 Phone
949.297.5027 Fax

Gribi Associates	Project: Maz Glass	
1090 Adam Street, Suite K	Project Number: [none]	**Reported:**
Benicia CA, 94510	Project Manager: Jim Gribi	10/06/14 15:55

SG-5D

T141992-03 (Air)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
TO-15									
Acetone	ND	12	ug/m³ Air	1.58	4092924	09/29/14	10/02/14	TO-15	
1,3-Butadiene	ND	4.5	"	"	"	"	"	"	
Carbon Disulfide	ND	3.2	"	"	"	"	"	"	
1,1,2-trichloro-1,2,2-trifluoroethane (CFC 113)	ND	7.7	"	"	"	"	"	"	
Isopropyl alcohol	ND	13	"	"	"	"	"	"	
Bromodichloromethane	ND	6.8	"	"	"	"	"	"	
Bromoform	ND	11	"	"	"	"	"	"	
Bromomethane	ND	4.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	6.4	"	"	"	"	"	"	
Chlorobenzene	ND	4.7	"	"	"	"	"	"	
Chloroethane	ND	2.7	"	"	"	"	"	"	
Chloroform	ND	5.0	"	"	"	"	"	"	
Chloromethane	ND	11	"	"	"	"	"	"	
Cyclohexane	ND	3.5	"	"	"	"	"	"	
Heptane	ND	4.2	"	"	"	"	"	"	
Hexane	ND	3.6	"	"	"	"	"	"	
Dibromochloromethane	ND	8.7	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	7.8	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	6.1	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	6.1	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	6.1	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	5.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	4.1	"	"	"	"	"	"	
1,2-Dichloroethane	ND	4.1	"	"	"	"	"	"	
1,1-Dichloroethene	ND	4.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	4.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	4.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	4.7	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	4.6	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	4.6	"	"	"	"	"	"	
4-Ethyltoluene	ND	5.0	"	"	"	"	"	"	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Katherine RunningCrane, Project Manager

SunStar Laboratories, Inc.
Providing Quality Analytical Services Nationwide

25712 Commercentre Drive
Lake Forest, California 92630
949.297.5020 Phone
949.297.5027 Fax

Gribi Associates	Project: Maz Glass	
1090 Adam Street, Suite K	Project Number: [none]	**Reported:**
Benicia CA, 94510	Project Manager: Jim Gribi	10/06/14 15:55

SG-5D

T141992-03 (Air)

SunStar Laboratories, Inc.

TO-15

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Methylene chloride	ND	3.5	ug/m³ Air	1.58	4092924	09/29/14	10/02/14	TO-15	
Styrene	ND	4.3	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	7.0	"	"	"	"	"	"	
Tetrahydrofuran	ND	3.0	"	"	"	"	"	"	
Tetrachloroethene	ND	6.9	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	5.6	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	5.6	"	"	"	"	"	"	
Trichloroethene	ND	5.5	"	"	"	"	"	"	
Trichlorofluoromethane	ND	5.7	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	5.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	5.0	"	"	"	"	"	"	
Vinyl acetate	ND	3.6	"	"	"	"	"	"	
Vinyl chloride	ND	2.6	"	"	"	"	"	"	
1,4-Dioxane	ND	18	"	"	"	"	"	"	
2-Butanone (MEK)	ND	15	"	"	"	"	"	"	
4-Methyl-2-pentanone (MIBK)	ND	42	"	"	"	"	"	"	
Benzene	ND	3.3	"	"	"	"	"	"	
Toluene	ND	3.8	"	"	"	"	"	"	
Ethylbenzene	ND	4.4	"	"	"	"	"	"	
m,p-Xylene	ND	8.8	"	"	"	"	"	"	
o-Xylene	ND	4.4	"	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*59.5 %*	*40-160*		"	"	"	"	

Methane by GC

Methane	ND	7.9	ppm(v)	1.58	4092926	09/29/14	09/29/14	8015M	AO-1

Katherine RunningCrane, Project Manager

SunStar Laboratories, Inc.
Providing Quality Analytical Services Nationwide

25712 Commercentre Drive
Lake Forest, California 92630
949.297.5020 Phone
949.297.5027 Fax

Gribi Associates	Project: Maz Glass	
1090 Adam Street, Suite K	Project Number: [none]	**Reported:**
Benicia CA, 94510	Project Manager: Jim Gribi	10/06/14 15:55

SG-5D

T141992-03 (Air)

SunStar Laboratories, Inc.

Total Volatile Organic Compounds by TO-3 (modified)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C6-C12 (GRO)	ND	7170	ug/m³ Air	1.58	4092925	09/29/14	10/02/14	TO-3/TO-14 m	

Fixed Gases ASTM D1946-90

Helium	0.00		%	1.58	4092927	09/29/14	09/30/14	GC	
Carbon Dioxide	**2.01**	1.58	"	"	"	"	"	"	
Oxygen	**10.8**	1.58	"	"	"	"	"	"	
Nitrogen	**53.5**	0.58	"	0.58	"	"	"	"	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Katherine RunningCrane, Project Manager

SunStar Laboratories, Inc.
Providing Quality Analytical Services Nationwide

25712 Commercentre Drive
Lake Forest, California 92630
949.297.5020 Phone
949.297.5027 Fax

Gribi Associates	Project: Maz Glass	
1090 Adam Street, Suite K	Project Number: [none]	**Reported:**
Benicia CA, 94510	Project Manager: Jim Gribi	10/06/14 15:55

SG-2-2.5

T141992-04 (Soil)

SunStar Laboratories, Inc.

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Naphthalene	ND	5.0	ug/kg	1	4092930	09/29/14	09/29/14	EPA 8260B	
Benzene	ND	5.0	"	"	"	"	"	"	
Toluene	ND	5.0	"	"	"	"	"	"	
Ethylbenzene	ND	5.0	"	"	"	"	"	"	
m,p-Xylene	ND	10	"	"	"	"	"	"	
o-Xylene	ND	5.0	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	20	"	"	"	"	"	"	
Tert-butyl alcohol	ND	50	"	"	"	"	"	"	
Di-isopropyl ether	ND	20	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	20	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	20	"	"	"	"	"	"	
C6-C12 (GRO)	ND	500	"	"	"	"	"	"	
Surrogate: Toluene-d8		*95.9 %*	*85.5-116*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*100 %*	*81.2-123*		"	"	"	"	
Surrogate: Dibromofluoromethane		*123 %*	*95.7-135*		"	"	"	"	

SunStar Laboratories, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Katherine RunningCrane, Project Manager

SunStar Laboratories, Inc.
Providing Quality Analytical Services Nationwide

25712 Commercentre Drive
Lake Forest, California 92630
949.297.5020 Phone
949.297.5027 Fax

Gribi Associates	Project: Maz Glass	
1090 Adam Street, Suite K	Project Number: [none]	**Reported:**
Benicia CA, 94510	Project Manager: Jim Gribi	10/06/14 15:55

SG-2-5.0

T141992-05 (Soil)

SunStar Laboratories, Inc.

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Naphthalene	ND	5.0	ug/kg	1	4092930	09/29/14	09/29/14	EPA 8260B	
Benzene	ND	5.0	"	"	"	"	"	"	
Toluene	ND	5.0	"	"	"	"	"	"	
Ethylbenzene	ND	5.0	"	"	"	"	"	"	
m,p-Xylene	ND	10	"	"	"	"	"	"	
o-Xylene	ND	5.0	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	20	"	"	"	"	"	"	
Tert-butyl alcohol	ND	50	"	"	"	"	"	"	
Di-isopropyl ether	ND	20	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	20	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	20	"	"	"	"	"	"	
C6-C12 (GRO)	ND	500	"	"	"	"	"	"	
Surrogate: Toluene-d8		*99.2 %*	*85.5-116*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*105 %*	*81.2-123*		"	"	"	"	
Surrogate: Dibromofluoromethane		*121 %*	*95.7-135*		"	"	"	"	

SunStar Laboratories, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Katherine RunningCrane, Project Manager

SunStar Laboratories, Inc.
Providing Quality Analytical Services Nationwide

25712 Commercentre Drive
Lake Forest, California 92630
949.297.5020 Phone
949.297.5027 Fax

Gribi Associates	Project: Maz Glass	
1090 Adam Street, Suite K	Project Number: [none]	**Reported:**
Benicia CA, 94510	Project Manager: Jim Gribi	10/06/14 15:55

SG-5-2.5

T141992-06 (Soil)

SunStar Laboratories, Inc.

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Naphthalene	ND	5.0	ug/kg	1	4092930	09/29/14	09/29/14	EPA 8260B	
Benzene	ND	5.0	"	"	"	"	"	"	
Toluene	ND	5.0	"	"	"	"	"	"	
Ethylbenzene	ND	5.0	"	"	"	"	"	"	
m,p-Xylene	ND	10	"	"	"	"	"	"	
o-Xylene	ND	5.0	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	20	"	"	"	"	"	"	
Tert-butyl alcohol	ND	50	"	"	"	"	"	"	
Di-isopropyl ether	ND	20	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	20	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	20	"	"	"	"	"	"	
C6-C12 (GRO)	ND	500	"	"	"	"	"	"	
Surrogate: Toluene-d8		*99.1 %*	*85.5-116*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*99.9 %*	*81.2-123*		"	"	"	"	
Surrogate: Dibromofluoromethane		*126 %*	*95.7-135*		"	"	"	"	

SunStar Laboratories, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Katherine RunningCrane, Project Manager

SunStar Laboratories, Inc.
Providing Quality Analytical Services Nationwide

25712 Commercentre Drive
Lake Forest, California 92630
949.297.5020 Phone
949.297.5027 Fax

Gribi Associates	Project: Maz Glass	
1090 Adam Street, Suite K	Project Number: [none]	**Reported:**
Benicia CA, 94510	Project Manager: Jim Gribi	10/06/14 15:55

SG-5-5.0

T141992-07 (Soil)

SunStar Laboratories, Inc.

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Naphthalene	ND	5.0	ug/kg	1	4092930	09/29/14	09/29/14	EPA 8260B	
Benzene	ND	5.0	"	"	"	"	"	"	
Toluene	ND	5.0	"	"	"	"	"	"	
Ethylbenzene	ND	5.0	"	"	"	"	"	"	
m,p-Xylene	ND	10	"	"	"	"	"	"	
o-Xylene	ND	5.0	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	20	"	"	"	"	"	"	
Tert-butyl alcohol	ND	50	"	"	"	"	"	"	
Di-isopropyl ether	ND	20	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	20	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	20	"	"	"	"	"	"	
C6-C12 (GRO)	ND	500	"	"	"	"	"	"	
Surrogate: Toluene-d8		*97.0 %*	*85.5-116*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*99.8 %*	*81.2-123*		"	"	"	"	
Surrogate: Dibromofluoromethane		*128 %*	*95.7-135*		"	"	"	"	

SunStar Laboratories, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Katherine RunningCrane, Project Manager

SunStar Laboratories, Inc.
Providing Quality Analytical Services Nationwide

25712 Commercentre Drive
Lake Forest, California 92630
949.297.5020 Phone
949.297.5027 Fax

Gribi Associates	Project: Maz Glass	
1090 Adam Street, Suite K	Project Number: [none]	**Reported:**
Benicia CA, 94510	Project Manager: Jim Gribi	10/06/14 15:55

TO-15 - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 4092924 - EPA 5030 GCMS										
Blank (4092924-BLK1)				Prepared: 09/29/14 Analyzed: 10/02/14						
Acetone	ND	12	ug/m³ Air							
1,3-Butadiene	ND	4.5	"							
Carbon Disulfide	ND	3.2	"							
1,1,2-trichloro-1,2,2-trifluoroethane (CFC 113)	ND	7.7	"							
Isopropyl alcohol	ND	13	"							
Bromodichloromethane	ND	6.8	"							
Bromoform	ND	11	"							
Bromomethane	ND	4.0	"							
Carbon tetrachloride	ND	6.4	"							
Chlorobenzene	ND	4.7	"							
Chloroethane	ND	2.7	"							
Chloroform	ND	5.0	"							
Chloromethane	ND	11	"							
Cyclohexane	ND	3.5	"							
Heptane	ND	4.2	"							
Hexane	ND	3.6	"							
Dibromochloromethane	ND	8.7	"							
1,2-Dibromoethane (EDB)	ND	7.8	"							
1,2-Dichlorobenzene	ND	6.1	"							
1,3-Dichlorobenzene	ND	6.1	"							
1,4-Dichlorobenzene	ND	6.1	"							
Dichlorodifluoromethane	ND	5.0	"							
1,1-Dichloroethane	ND	4.1	"							
1,2-Dichloroethane	ND	4.1	"							
1,1-Dichloroethene	ND	4.0	"							
cis-1,2-Dichloroethene	ND	4.0	"							
trans-1,2-Dichloroethene	ND	4.0	"							
1,2-Dichloropropane	ND	4.7	"							
cis-1,3-Dichloropropene	ND	4.6	"							
trans-1,3-Dichloropropene	ND	4.6	"							
4-Ethyltoluene	ND	5.0	"							
Methylene chloride	ND	3.5	"							
Styrene	ND	4.3	"							
1,1,2,2-Tetrachloroethane	ND	7.0	"							
Tetrahydrofuran	ND	3.0	"							

Katherine RunningCrane

Katherine RunningCrane, Project Manager

SunStar Laboratories, Inc.
Providing Quality Analytical Services Nationwide

25712 Commercentre Drive
Lake Forest, California 92630
949.297.5020 Phone
949.297.5027 Fax

Gribi Associates	Project: Maz Glass	
1090 Adam Street, Suite K	Project Number: [none]	**Reported:**
Benicia CA, 94510	Project Manager: Jim Gribi	10/06/14 15:55

TO-15 - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 4092924 - EPA 5030 GCMS										
Blank (4092924-BLK1)				Prepared: 09/29/14 Analyzed: 10/02/14						
Tetrachloroethene	ND	6.9	ug/m³ Air							
1,1,2-Trichloroethane	ND	5.6	"							
1,1,1-Trichloroethane	ND	5.6	"							
Trichloroethene	ND	5.5	"							
Trichlorofluoromethane	ND	5.7	"							
1,3,5-Trimethylbenzene	ND	5.0	"							
1,2,4-Trimethylbenzene	ND	5.0	"							
Vinyl acetate	ND	3.6	"							
Vinyl chloride	ND	2.6	"							
1,4-Dioxane	ND	18	"							
2-Butanone (MEK)	ND	15	"							
4-Methyl-2-pentanone (MIBK)	ND	42	"							
Benzene	ND	3.3	"							
Toluene	ND	3.8	"							
Ethylbenzene	ND	4.4	"							
m,p-Xylene	ND	8.8	"							
o-Xylene	ND	4.4	"							
Surrogate: 4-Bromofluorobenzene	*25.9*		"	*45.3*		*57.1*	*40-160*			
Duplicate (4092924-DUP1)			**Source: T141992-01**	Prepared: 09/29/14 Analyzed: 10/02/14						
Acetone	ND	120	ug/m³ Air		ND				30	TO-14
1,3-Butadiene	ND	110	"		ND				30	TO-14
Carbon Disulfide	ND	160	"		ND				30	TO-14
1,1,2-trichloro-1,2,2-trifluoroethane (CFC 113)	ND	390	"		ND				30	TO-14
Isopropyl alcohol	ND	130	"		ND				30	TO-14
Bromodichloromethane	ND	340	"		ND				30	TO-14
Bromoform	ND	530	"		ND				30	TO-14
Bromomethane	ND	200	"		ND				30	TO-14
Carbon tetrachloride	ND	320	"		ND				30	TO-14
Chlorobenzene	ND	230	"		ND				30	TO-14
Chloroethane	ND	130	"		ND				30	TO-14
Chloroform	ND	250	"		ND				30	TO-14
Chloromethane	ND	110	"		ND				30	TO-14
Cyclohexane	1900	170	"		1950			2.36	30	TO-14
Heptane	ND	210	"		ND				30	TO-14

SunStar Laboratories, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Katherine RunningCrane

Katherine RunningCrane, Project Manager

SunStar Laboratories, Inc.
Providing Quality Analytical Services Nationwide

25712 Commercentre Drive
Lake Forest, California 92630
949.297.5020 Phone
949.297.5027 Fax

Gribi Associates	Project: Maz Glass	
1090 Adam Street, Suite K	Project Number: [none]	**Reported:**
Benicia CA, 94510	Project Manager: Jim Gribi	10/06/14 15:55

TO-15 - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 4092924 - EPA 5030 GCMS										
Duplicate (4092924-DUP1)	**Source: T141992-01**	Prepared: 09/29/14 Analyzed: 10/02/14								
Hexane	946	180	ug/m³ Air		1020			7.42	30	TO-14
Dibromochloromethane	ND	430	"		ND				30	TO-14
1,2-Dibromoethane (EDB)	ND	390	"		ND				30	TO-14
1,2-Dichlorobenzene	ND	310	"		ND				30	TO-14
1,3-Dichlorobenzene	ND	310	"		ND				30	TO-14
1,4-Dichlorobenzene	ND	310	"		ND				30	TO-14
Dichlorodifluoromethane	ND	250	"		ND				30	TO-14
1,1-Dichloroethane	ND	210	"		ND				30	TO-14
1,2-Dichloroethane	ND	210	"		ND				30	TO-14
1,1-Dichloroethene	ND	200	"		ND				30	TO-14
cis-1,2-Dichloroethene	ND	200	"		ND				30	TO-14
trans-1,2-Dichloroethene	ND	200	"		ND				30	TO-14
1,2-Dichloropropane	ND	240	"		ND				30	TO-14
cis-1,3-Dichloropropene	ND	230	"		ND				30	TO-14
trans-1,3-Dichloropropene	ND	230	"		ND				30	TO-14
4-Ethyltoluene	ND	250	"		ND				30	TO-14
Methylene chloride	ND	180	"		ND				30	TO-14
Styrene	ND	220	"		ND				30	TO-14
1,1,2,2-Tetrachloroethane	ND	350	"		ND				30	TO-14
Tetrahydrofuran	ND	150	"		ND				30	TO-14
Tetrachloroethene	ND	350	"		ND				30	TO-14
1,1,2-Trichloroethane	ND	280	"		ND				30	TO-14
1,1,1-Trichloroethane	ND	280	"		ND				30	TO-14
Trichloroethene	ND	270	"		ND				30	TO-14
Trichlorofluoromethane	ND	290	"		ND				30	TO-14
1,3,5-Trimethylbenzene	ND	250	"		ND				30	TO-14
1,2,4-Trimethylbenzene	ND	250	"		ND				30	TO-14
Vinyl acetate	ND	180	"		ND				30	TO-14
Vinyl chloride	ND	130	"		ND				30	TO-14
1,4-Dioxane	ND	180	"		ND				30	TO-14
2-Butanone (MEK)	ND	150	"		ND				30	TO-14
4-Methyl-2-pentanone (MIBK)	ND	210	"		ND				30	TO-14
Benzene	ND	160	"		ND				30	TO-14
Toluene	ND	190	"		ND				30	TO-14
Ethylbenzene	ND	220	"		ND				30	TO-14
m,p-Xylene	ND	220	"		ND				30	TO-14

SunStar Laboratories, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Katherine RunningCrane, Project Manager

SunStar Laboratories, Inc.
Providing Quality Analytical Services Nationwide

25712 Commercentre Drive
Lake Forest, California 92630
949.297.5020 Phone
949.297.5027 Fax

Gribi Associates	Project: Maz Glass	
1090 Adam Street, Suite K	Project Number: [none]	**Reported:**
Benicia CA, 94510	Project Manager: Jim Gribi	10/06/14 15:55

TO-15 - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 4092924 - EPA 5030 GCMS										
Duplicate (4092924-DUP1)	**Source: T141992-01**	Prepared: 09/29/14 Analyzed: 10/02/14								
o-Xylene	ND	220	ug/m³ Air		ND				30	TO-14

SunStar Laboratories, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Katherine RunningCrane, Project Manager

SunStar Laboratories, Inc.
Providing Quality Analytical Services Nationwide

25712 Commercentre Drive
Lake Forest, California 92630
949.297.5020 Phone
949.297.5027 Fax

Gribi Associates	Project: Maz Glass	
1090 Adam Street, Suite K	Project Number: [none]	**Reported:**
Benicia CA, 94510	Project Manager: Jim Gribi	10/06/14 15:55

Methane by GC - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 4092926 - General Prep VOC-GC										
Blank (4092926-BLK1)				Prepared & Analyzed: 09/29/14						
Methane	ND	5.0	ppm(v)							
Duplicate (4092926-DUP1)		**Source: T141992-01**		Prepared & Analyzed: 09/29/14						
Methane	64.0	8.1	ppm(v)		77.1			18.6	20	

Katherine RunningCrane, Project Manager

SunStar Laboratories, Inc.
Providing Quality Analytical Services Nationwide

25712 Commercentre Drive
Lake Forest, California 92630
949.297.5020 Phone
949.297.5027 Fax

Gribi Associates	Project: Maz Glass	
1090 Adam Street, Suite K	Project Number: [none]	**Reported:**
Benicia CA, 94510	Project Manager: Jim Gribi	10/06/14 15:55

Total Volatile Organic Compounds by TO-3 (modified) - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 4092925 - EPA 5030 GCMS										
Blank (4092925-BLK1)				Prepared: 09/29/14 Analyzed: 10/02/14						
C6-C12 (GRO)	ND	7170	ug/m³ Air							
Duplicate (4092925-DUP1)		**Source: T141992-01**		Prepared: 09/29/14 Analyzed: 10/02/14						
C6-C12 (GRO)	4930	7170	ug/m³ Air		4880			1.18	30	

Katherine RunningCrane, Project Manager

SunStar Laboratories, Inc.
Providing Quality Analytical Services Nationwide

25712 Commercentre Drive
Lake Forest, California 92630
949.297.5020 Phone
949.297.5027 Fax

Gribi Associates	Project: Maz Glass	
1090 Adam Street, Suite K	Project Number: [none]	**Reported:**
Benicia CA, 94510	Project Manager: Jim Gribi	10/06/14 15:55

Volatile Organic Compounds by EPA Method 8260B - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 4092930 - EPA 5030 GCMS										
Blank (4092930-BLK1)				Prepared & Analyzed: 09/29/14						
Naphthalene	ND	5.0	ug/kg							
Benzene	ND	5.0	"							
Toluene	ND	5.0	"							
Ethylbenzene	ND	5.0	"							
m,p-Xylene	ND	10	"							
o-Xylene	ND	5.0	"							
Tert-amyl methyl ether	ND	20	"							
Tert-butyl alcohol	ND	50	"							
Di-isopropyl ether	ND	20	"							
Ethyl tert-butyl ether	ND	20	"							
Methyl tert-butyl ether	ND	20	"							
C6-C12 (GRO)	ND	500	"							
Surrogate: Toluene-d8	*39.0*		"	*40.0*		*97.6*	*85.5-116*			
Surrogate: 4-Bromofluorobenzene	*41.3*		"	*40.0*		*103*	*81.2-123*			
Surrogate: Dibromofluoromethane	*50.7*		"	*40.0*		*127*	*95.7-135*			
LCS (4092930-BS1)				Prepared: 09/29/14 Analyzed: 09/30/14						
Chlorobenzene	97.4	5.0	ug/kg	100		97.4	75-125			
1,1-Dichloroethene	88.7	5.0	"	100		88.7	75-125			
Trichloroethene	88.0	5.0	"	100		88.0	75-125			
Benzene	83.1	5.0	"	100		83.1	75-125			
Toluene	85.0	5.0	"	100		85.0	75-125			
Surrogate: Toluene-d8	*37.5*		"	*40.0*		*93.8*	*85.5-116*			
Surrogate: 4-Bromofluorobenzene	*42.8*		"	*40.0*		*107*	*81.2-123*			
Surrogate: Dibromofluoromethane	*52.2*		"	*40.0*		*130*	*95.7-135*			
Matrix Spike (4092930-MS1)	**Source: T141992-04**			Prepared: 09/29/14 Analyzed: 09/30/14						
Chlorobenzene	106	5.0	ug/kg	100	ND	106	75-125			
1,1-Dichloroethene	89.8	5.0	"	100	ND	89.8	75-125			
Trichloroethene	84.6	5.0	"	100	ND	84.6	75-125			
Benzene	88.1	5.0	"	100	ND	88.1	75-125			
Toluene	87.6	5.0	"	100	ND	87.6	75-125			
Surrogate: Toluene-d8	*36.0*		"	*40.0*		*90.0*	*85.5-116*			
Surrogate: 4-Bromofluorobenzene	*40.0*		"	*40.0*		*99.9*	*81.2-123*			
Surrogate: Dibromofluoromethane	*50.4*		"	*40.0*		*126*	*95.7-135*			

SunStar Laboratories, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Katherine RunningCrane, Project Manager

SunStar Laboratories, Inc.
Providing Quality Analytical Services Nationwide

25712 Commercentre Drive
Lake Forest, California 92630
949.297.5020 Phone
949.297.5027 Fax

Gribi Associates	Project: Maz Glass	
1090 Adam Street, Suite K	Project Number: [none]	**Reported:**
Benicia CA, 94510	Project Manager: Jim Gribi	10/06/14 15:55

Volatile Organic Compounds by EPA Method 8260B - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 4092930 - EPA 5030 GCMS										
Matrix Spike Dup (4092930-MSD1)	**Source: T141992-04**			Prepared: 09/29/14 Analyzed: 09/30/14						
Chlorobenzene	106	5.0	ug/kg	100	ND	106	75-125	0.0946	20	
1,1-Dichloroethene	85.2	5.0	"	100	ND	85.2	75-125	5.14	20	
Trichloroethene	81.6	5.0	"	100	ND	81.6	75-125	3.67	20	
Benzene	88.8	5.0	"	100	ND	88.8	75-125	0.735	20	
Toluene	88.4	5.0	"	100	ND	88.4	75-125	0.853	20	
Surrogate: Toluene-d8	*36.0*		"	*40.0*		*90.0*	*85.5-116*			
Surrogate: 4-Bromofluorobenzene	*39.0*		"	*40.0*		*97.4*	*81.2-123*			
Surrogate: Dibromofluoromethane	*53.0*		"	*40.0*		*132*	*95.7-135*			

SunStar Laboratories, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Katherine RunningCrane, Project Manager

SunStar Laboratories, Inc.
Providing Quality Analytical Services Nationwide

25712 Commercentre Drive
Lake Forest, California 92630
949.297.5020 Phone
949.297.5027 Fax

Gribi Associates	Project: Maz Glass	
1090 Adam Street, Suite K	Project Number: [none]	**Reported:**
Benicia CA, 94510	Project Manager: Jim Gribi	10/06/14 15:55

Fixed Gases ASTM D1946-90 - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 4092927 - General Prep VOC-GC										
Blank (4092927-BLK1)				Prepared: 09/29/14 Analyzed: 09/30/14						
Helium	0.00		%							
Carbon Dioxide	ND	1.00	"							
Oxygen	ND	1.00	"							
Nitrogen	ND	1.00	"							
Duplicate (4092927-DUP1)		**Source: T141992-01**		Prepared: 09/29/14 Analyzed: 09/30/14						
Helium	0.00		%		0.00					
Carbon Dioxide	5.28	1.62	"		5.30			0.521	20	
Oxygen	2.33	1.62	"		2.01			14.9	20	
Nitrogen	58.1	0.62	"		58.3			0.182	20	

Katherine RunningCrane, Project Manager

SunStar Laboratories, Inc.
Providing Quality Analytical Services Nationwide

25712 Commercentre Drive
Lake Forest, California 92630
949.297.5020 Phone
949.297.5027 Fax

Gribi Associates	Project: Maz Glass	
1090 Adam Street, Suite K	Project Number: [none]	**Reported:**
Benicia CA, 94510	Project Manager: Jim Gribi	10/06/14 15:55

Notes and Definitions

TO-14	TO-15 analysis of sample was not performed due to high concentration of analyte(s). Sample was analyzed utilizing method TO-14 and reporting limit has been adjusted accordingly.
AO-1	Sample Collected in Summa Canister, Hold Time Increased Accordingly
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

SunStar Laboratories, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Katherine RunningCrane, Project Manager

SunStar Laboratories Inc.
25712 Commercentre Dr.
Lake Forest, CA 92630
(949)297-5020
(949)297-5027 fax

Form F-LP0005-1.2
Effective Date: 01/01/2013

* PLEASE DO *NOT* WRITE ON OR PLACE LABELS ON SUMMA CANS

SunStar Laboratories

Canister Data Sheet

Client:	GRIBI_JIM_9-18-14_9+2									% He
Shipping Information				Sampling Information						
Canister Serial #		CHECK Date	Pressure (-30 +/- 2 psia)	Sample ID	Sample Date	Initial Pressure	Final Pressure	Sample Start Time	Sample Finish Time	
SSAT-	0439	9/18/2014	-30	SG-2	09-25-14	-27	-1	11:12	11:19	2.8-4.7
SSAT-	0636	9/18/2014	-30	SG-5	09-25-14	-28	-2	11:33	11:41	2.3-3.5
SSAT-	0661	9/18/2014	-30							
SSAT-	0675	9/18/2014	-30	SG-5D	09-25-14	-28	-1	11:42	11:50	2.0-4.0
SSAT-	0676	9/18/2014	-30							
SSAT-	0707	9/18/2014	-30							
SSAT-	0663	9/18/2014	-30	PURGE CAN	09/25/14	-30	-15	11:05	11:08	
SSAT-	0688	9/18/2014	-30	PURGE CAN		-15	-2	11:28	11:31	
SSAT-	0713	9/18/2014	40	NITROGEN FILLED	09-25-14	-30	-15			
SSAT-	2052	9/18/2014		MANIFOLD (150)						
SSAT-	2059	9/18/2014		MANIFOLD (150)						

SunStar Laboratories, Inc.
25712 Commercentre Dr
Lake Forest, CA 92630
949-297-5020

Chain of Custody Record

Client: Gribi Associates
Address:
Phone: Fax:
Project Manager: J Gribi

Date: 9/26/14 Page: 1 Of 1
Project Name: Maz Glass
Collector: J Gribi / R. Bet-Yokai Client Project #:
Batch #: 7141992 EDF #:

Sample ID	Date Sampled	Time	Sample Type	Container Type	TO-3/TO-15 TPH-G+VOCs	8260 + OXY	8260 BTEX, OXY only+TPH-G+Naphth	8270	8021 BTEX	8015M (gasoline)	8015M (diesel)	8015M Ext./Carbon Chain	6010/7000 Title 22 Metals	ASTM 1946: He, CO_2, O_2, N_2	Methane		Laboratory ID #	Comments/Preservative	Total # of containers
SG-2	9/25/14	11:12	Vapor	1L Summa	X									X	X		01	SSAT-0439	
SG-5		11:33	Vapor	"	X									X	X		02	SSAT-0636	
SG-5D		11:42	Vapor	"										X	X		03	SSAT-0675	
SG-2-2.5		13:35	Soil	Jar			X										04		
SG-2-5.0		14:25	Soil	"			X										05		
SG-5-2.5		13:45	Soil	"			X										06		
SG-5-5.0		14:05	Soil	"			X										07		

Relinquished by: (signature)	Date / Time	Received by: (signature)	Date / Time
James	9/26/14 0845		9-26-14
Relinquished by: (signature)	Date / Time	Received by: (signature)	Date / Time
GSO	9.27.14 8:30		9.27.14 8:30
Relinquished by: (signature)	Date / Time	Received by: (signature)	Date / Time

Total # of containers
Chain of Custody seals Y/N/NA
Seals intact? Y/N/NA
Received good condition/cold 10.0 1.0

Turn around time: SID

Notes: I.D. DAT
No EDF

Sample disposal Instructions: Disposal @ $2.00 each ____ Return to client ____ Pickup ____

COC134883

SunStar Laboratories, Inc.
Providing Quality Analytical Services Nationwide

SAMPLE RECEIVING REVIEW SHEET

BATCH # 7141992

Client Name: GRIBI Project: MAZ GLASS

Received by: SUNNY Date/Time Received: 9.27.14 / 8:30

Delivered by : ☐ Client ☐ SunStar Courier ☒ GSO ☐ FedEx ☐ Other _____

Total number of coolers received 1 **Temp criteria = 6°C > 0°C (no frozen containers)**

Temperature: cooler #1 1.2 °C +/- the CF (- 0.2°C) = 1.0 °C corrected temperature

~~cooler~~ Box #2 20.2 °C +/- the CF (- 0.2°C) = 20.0 °C corrected temperature

cooler #3 _____ °C +/- the CF (- 0.2°C) = _____ °C corrected temperature

Samples outside temp. but received on ice, w/in 6 hours of final sampling.	☒Yes	☐No*	☐N/A
Custody Seals Intact on Cooler/Sample	☒Yes	☐No*	☐N/A
Sample Containers Intact	☒Yes	☐No*	
Sample labels match COC ID's	☒Yes	☐No*	
Total number of containers received match COC	☒Yes	☐No*	
Proper containers received for analyses requested on COC	☒Yes	☐No*	
Proper preservative indicated on COC/containers for analyses requested	☐Yes	☐No*	☒N/A

Complete shipment received in good condition with correct temperatures, containers, labels, volumes preservatives and within method specified holding times. ☒ **Yes** ☐**No***

* Complete Non-Conformance Receiving Sheet if checked Cooler/Sample Review - Initials and date SL 9.27.14

Comments:

_____

_____

_____

_____