SDMS DOCID # 1150022

14 October 2011

Third Quarter 2011 Groundwater Monitoring Report

Former CENCO Refinery
12345 Lakeland Road, Santa Fe Springs, CA

SLIC No. 0318, ID No. 2040071
CAO 97-118

Prepared on Behalf of

Isola Law Group, LLP
Lodi, California

Prepared for

Regional Water Quality Control Board
Los Angeles Region

Prepared By

MUREX environmental, inc

TABLE OF CONTENTS

TABLE OF CONTENTS ii
List of Tables iii
List of Figures iii
List of Appendices iii
1.0 INTRODUCTION 1
1.1 Purpose 1
1.2 Site Description and History 1
2.0 GROUNDWATER SAMPLING ACTIVITIES 2
2.1 Monitoring Network 2
2.2 Groundwater Gauging 3
2.3 Free-Phase Petroleum Hydrocarbon (FPPH) Measurements 3
2.4 Groundwater Purging 3
2.5 Groundwater Sampling and Analysis 3
2.6 Quality Assurance/Quality Control 4
2.6.1 Trip Blanks 4
2.6.2 Duplicates 4
2.6.3 Equipment Blanks 4
2.6.4 Laboratory QA/QC Program 4
3.0 RESULTS & DISCUSSION 5
3.1 Groundwater Surface Elevations and Gradient 5
3.2 Free-Phase Petroleum Hydrocarbons 6
3.3 Groundwater Analysis 6
3.3.1 TPHg 6
3.3.2 VOCs and Oxygenates 7
3.3.3 Biodegradation Parameters 8
3.3.4 QA/QC 9
4.0 SUMMARY & CONCLUSIONS 11
4.1 Groundwater Surface Elevations and Gradient 11
4.2 Free-Phase Petroleum Hydrocarbons 11
4.3 Groundwater Quality 12
4.3.1 Off-Site Sources of Petroleum Hydrocarbons 12

4.3.2 Discussion of Solvent Detections 12
4.4 Biodegradation 13
5. REFERENCES 14
6. CLOSING 15

List of Tables

Table I Well Construction Details

Table II Summary of Groundwater Level Measurements

Table III Summary of TPH and VOC Results

Table IV Summary of Biodegradation Parameters

List of Figures

Figure 1 Site Location Map

Figure 2 Site Plan Showing Monitoring Well Locations

Figure 3 Site Plan Showing Groundwater Surface Elevations Q3 2011

Figure 4 Site Plan Showing TPHg Isoconcentration Contours Q3 2011

Figure 5 Site Plan Showing Benzene Isoconcentration Contours and MTBE Concentrations Q3 2011

Figure 6 Site Plan Showing ORP Isoconcentration Contours Q3 2011

List of Appendices

Appendix A Groundwater Monitoring Field Forms

Appendix B Analytical Laboratory Reports

1.0 INTRODUCTION

On behalf of Isola Law Group, LLP, Murex Environmental (Murex) has prepared this *Third Quarter 2011 Groundwater Monitoring Report* for Lakeland Development Company (Lakeland) for its former refinery property located at 12345 Lakeland Road in Santa Fe Springs, California (Site; **Figure 1**).

1.1 Purpose

The objective of the quarterly groundwater monitoring is to evaluate groundwater quality beneath the site and adjacent properties (**Figure 2**) and to provide regular updates to the Regional Water Quality Control Board, Los Angeles Region (RWQCB). This report presents the groundwater monitoring activities performed between August 19, 2011 and September 2, 2011, in accordance with the RWQCB Cleanup and Abatement Order (CAO) No. 97-118.

1.2 Site Description and History

The Site is approximately 55 acres in size and is bordered to the north by Florence Avenue, to the south by Lakeland Road, and to the east by Bloomfield Avenue (**Figure 2**). Commercial/light industrial properties border the site to the west. The site was operated as an oil refinery from the 1930s until July 1995. Historical aerial photographs indicate that the western portion of the site may have been used for agricultural purposes from approximately 1928 to 1938. Oil production-related structures such as ponds and aboveground holding tanks may have also been located onsite during this time period (Haley & Aldrich, Inc. [Haley & Aldrich], 2005). The refinery is not currently in operation; however, some of the refinery structures remain onsite. These structures are scheduled to be removed prior to the redevelopment of the property for commercial/light industrial use.

Previous refining operations included processing crude oil into several grades of fuel including kerosene, leaded gasoline and aviation fuel, unleaded gasoline, jet fuel, high and low-sulfur diesel, fuel oil, and petroleum coke. Soil and groundwater quality beneath and in proximity to the site have been impacted by past site operations. Soil and groundwater investigations are being conducted pursuant to two CAOs (Nos. 85-17 and 97-118) issued by the RWQCB to Powerine Oil Company (CENCO Refining Company) in 1985 and 1997 (Haley & Aldrich, 2005).

2.0 GROUNDWATER SAMPLING ACTIVITIES

Quarterly groundwater monitoring has been conducted since August 1986. The previous monitoring event was performed by Murex in April 2011. The following subsections summarize work completed during the third quarter 2011 monitoring event.

2.1 Monitoring Network

The quarterly groundwater monitoring program currently includes the existing 59 wells, as listed in **Table I** and shown on **Figure 2**. These wells include:

- Twenty-two onsite groundwater monitoring wells: MW-101, MW-103, MW-104A, MW-105, MW-201, MW-202, MW-204, MW-205, MW-504, MW-701, MW-702, MW-703, MW-704, MW-705, MW-706, W-9, W-10, W-11, W-12, W-17A, W-17B, and W-17C;

- Twenty-five downgradient offsite groundwater monitoring wells of which:

    - Four are located on the former Lakeland property: MW-501A, MW-502, MW-503B, and MW-707; and

    - Twenty-one are located on the Metropolitan State Hospital (MSH) property: MW-600A, MW-601A, MW-603, MW-604, MW-605, MW-606, MW-607, MW-708, MW-709, MW-710, MW-711, MW-712, MW-713, MW-714, MW-715, W-14A, W-14B, W-14C, W-15A, W-15B, and W-15C;

- Seven offsite groundwater monitoring wells located to the southeast on the Walker property including: EW-1, W-1, W-3A, W-4, W-16A, W-16B, and W-16C;

- Three offsite groundwater monitoring wells located to the east on the Bloomfield property that include: MW-106A, MW-107A, and MW-203; and

- Two onsite deep former water production wells identified as W-7 and W-8.

2.2 Groundwater Gauging

Murex inspected and measured the depth to groundwater in all 59 of the wells on August 19, August25, and September 1, 2011. During gauging, wells are also checked for the presence and thickness of free-phase petroleum hydrocarbons (FPPH) product. Of those, 19 wells were dry, and 3 contained free-phase petroleum hydrocarbon (FPPH).

Table II summarizes the groundwater elevation measurements.

2.3 Free-Phase Petroleum Hydrocarbon (FPPH) Measurements

Wells that initially exhibit the presence of FPPH are purged until they become dry or until approximately 10 well volumes are evacuated. Thereafter, the wells are inspected for the return of FPPH and if present, it's thickness is measured over longer and longer time intervals (1 hour, 2 hours, 4 hours, 24 hours, 2 days, 4 days, and 7 days).

For wells in which FPPH does not return within the first day, groundwater is sampled for analysis.

Further discussion of the wells exhibiting free product is presented in Section 3.2.

2.4 Groundwater Purging

The groundwater monitoring wells that contained groundwater, with the exception of production wells W-7 and W-8, were purged via a dedicated vacuum stinger that was connected to a truck-mounted vacuum pump truck operated by Nieto & Sons. During purging, extracted groundwater volume and quality were recorded. The parameters measured during purging were flow rate, temperature, pH, electrical conductivity, dissolved oxygen (DO), oxidation-reduction potential (ORP), color, and odor. The results of the field parameter testing are summarized in **Table IV**. Purged groundwater was disposed of by Nieto & Sons at the wastewater treatment system in operation at the Site.

2.5 Groundwater Sampling and Analysis

Following purging, groundwater samples were collected by disposable bailer from the wells and placed in sample containersand stored in pre-cooled ice chests and transported under proper chain-of-custody (COC) procedures to Sunstar Laboratories, Inc. (Sunstar Labs) of Lake Forest, California, California Department of Public Health Environmental Laboratory Accreditation Program (ELAP) #2250. All collected samples were analyzed for the following:

- Total petroleum hydrocarbons as gasoline (TPHg) by U.S. Environmental Protection Agency (USEPA) Method 8015M, and

- Volatile organic compounds (VOCs) with oxygenates by USEPA Method 8260B.

Results of these analyses are summarized in **Table III** (Summary of VOCs, Oxygenates, TPH and Emergent Chemicals). Results of the field-measured parameters are shown in **Table IV**.

2.6 Quality Assurance/Quality Control

In accordance with the Quality Assurance/Quality Control (QA/QC) plan, Murex collected and submitted field duplicate samples and trip blanks for laboratory analysis as a quality assurance/quality control measure.

2.6.1 Trip Blanks

Trip blanks (provided by SunStar Lab) accompanied each daily groundwater sample shipment to evaluate the potential contamination of field samples during storage and transport. Trip blanks were analyzed for VOCs only.

2.6.2 Duplicates

Duplicate samples, which assess the precision of the laboratory analyses, were collected from wells W-7, MW-107A, MW-710, W-15B, MW-701 and MW-715. This represents a duplicate frequency equal to approximately 10% relative to the total number of wells sampled. The duplicates followed the same analytical protocols as their respective primary samples. The results of the duplicate analyses are shown in the results tables aside the original sample result.

2.6.3 Equipment Blanks

Equipment blanks were not collected because dedicated stingers were used to purge the wells and new disposable bailers were used for sampling, therefore eliminating cross-contamination between wells during the purging and sampling process.

2.6.4 Laboratory QA/QC Program

Laboratory QA/QC reports were reviewed to confirm proper completion of data validation tests, including batch QC results, method blanks, laboratory control samples, matrix spikes, and duplicates. The results of lab QC tests were within acceptable limits.

3.0 RESULTS & DISCUSSION

This section presents the results of the third quarter 2011 groundwater monitoring event. As mentioned earlier in the report, well completion details are provided in **Table I**. Groundwater level measurements and groundwater elevations are summarized in **Table II**. Comprehensive analytical results, including historical and recent results, are compiled in **Tables III**. **Table IV** contains a summary of bio-attenuation and field-measured parameter readings.

Figure 3 shows the groundwater elevation measured at each monitoring well, as well as the overall gradient and direction of groundwater flow. **Figure 4** depicts the concentrations and estimated contour lines of TPHg measured in each well, and **Figure 5** shows similar concentrations and contour lines for benzene and MTBE.

Well measurement and groundwater sampling forms are attached as **Appendix A**. Laboratory reports and completed COCs are included in **Appendix B**.

The presentation of the chemical testing results in this report does not distinguish between site- and non-site-related constituents although there are indications of non-site-related contamination in groundwater, which is discussed further in Section 4.3.

3.1 Groundwater Surface Elevations and Gradient

Groundwater surface elevations were calculated for each well by subtracting the water level measurement from the top of casing elevation (**Tables I and II**). Groundwater elevations were adjusted for wells containing FPPH, assumed to have a relative density of 0.80, which is typical for mean density of various petroleum hydrocarbon mixtures. Groundwater elevations, contour lines, flow direction and gradient are shown on **Figure 3**.

Based on groundwater level measurements obtained between August 19, 2011 and September 1, 2011, first-encountered groundwater beneath the site vicinity ranges in elevation from 11.33 to 50.38 feet above mean sea level (ft-amsl). Wells W-7 and W-8 are production wells, with multiple screens situated deeper than 500 feet bgs. Their elevations were higher, between 53.30 and 68.94.

In general, groundwater elevations have remained elevated, as they were in the second quarter monitoring event, when they experienced a significant increase for the first time in

years. As a whole, the average change in groundwater elevation over all wells measured was an increase of 1.94 feet from the second quarter 2011.

The average horizontal groundwater gradient is approximately 0.007 foot per foot (ft/ft), as shown in **Figure 3**, which was similar to the previous monitoring period, and represents what is considered a moderately steep gradient. The groundwater flow direction originates from the northeast and turns south across the area of study. This flow direction is relatively consistent with those historically reported in previous investigations.

3.2 Free-Phase Petroleum Hydrocarbons

Measurable FPPH, also known as light non-aqueous-phase liquid or LNAPL, was detected in monitoring wells EW-1, W-15A and MW-711 (**Table II**). Well W-15A exhibited measureable FPPH for the first time during this event. FPPH was measured at a thickness of 4.26 feet in W-15A, 1.78 feet in EW-1 and 0.31 feet in MW-711. During previous monitoring events, FPPH was detected in wells EW-1 and MW-708, as well as in W-11, MW-502, MW-504, and W-3A. Wells MW-502, MW-504 and W-3A were dry during this event.

3.3 Groundwater Analysis

Groundwater analytical results are summarized in **Tables III**, and laboratory reports and completed COCs are included in **Appendix B**.

3.3.1 TPHg

Third quarter 2011 TPHg results are presented in **Table III** and **Figure 4**. TPHg was detected in 32 out of the 38 wells sampled at concentrations ranging from 89 micrograms per liter (µg/L) in monitoring wells W-16B and W-15C to 44,000 µg/L in monitoring well MW-711.

MW-503B, which has previously exhibited significant increases in TPHg concentrations since November 2010, exhibited the largest decrease among all the wells from 41,000 µg/L to 13,000 µg/L.

The most significant increase was observed in monitoring well W-711, where TPHg concentrations rose from 7,100 µg/L in the second quarter to 44,000 µg/L in the third quarter. Well W-15A, which had also been exhibiting increases in TPHg concentration for the past 2 consecutive monitoring periods, was unable to be sampled due to the presence of free product.

3.3.2 VOCs and Oxygenates

A summary of VOC and oxygenate analytical data for the third quarter 2011 is presented in **Table III**, along with historical data from previous monitoring events.

3.3.2.1 Benzene, Toluene, Ethylbenzene, and Xylenes (BTEX)

Benzene was detected in 29 samples from the 38 total wells sampled. Concentrations ranged from 0.51 µg/L in well MW-106A to 2,900 µg/L in well W-10 (**Figure 5**) (24 of these wells contained benzene at concentrations exceeding the 1 µg/L California Maximum Contaminant Level (MCL) in drinking water). Benzene concentrations in the third quarter of 2011 were similar to concentrations observed during previous monitoring events.

Of the other BTEX compounds analyzed for, toluene was detected in samples from 18 wells at concentrations ranging from 0.50 µg/L in W-7 to 1,800 µg/L in MW-711. Toluene was detected above its California MCL (150 µg/L) in 4 wells.

Ethylbenzene was detected in the samples collected from 18 wells at concentrations ranging from 0.53 µg/L in W-7 to 1,200 µg/L in MW-708. Ethylbenzene was detected at or above its California MCL (300 µg/L) in 4 wells this quarter.

Total xylenes, including the *ortho, meta,* and *para* isomers, were detected in samples from 19 wells at concentrations ranging from .51 µg/L in W-7 and MW-713 to 4,100 µg/L in MW-711. Xylene was detected above the California MCL (1,750 µg/L) in 3 wells.

3.3.2.2 Methyl tert-Butyl Ether (MTBE)

The oxygenate MTBE was detected in samples from 16 wells at concentrations ranging from 1.3 µg/L in W-1 to 2,300 µg/L in MW-708 (**Figure 5**). The 13 µg/L drinking water MCL established for MTBE in California was exceeded in 7 wells.

3.3.2.3 tert-Butyl Alcohol (TBA)

TBA, another oxygenate and a byproduct of MTBE breakdown, was detected in 19 of the 38 sampled wells at concentrations ranging from 16 µg/L in well W-1 to 2,500 µg/L in well W-708. The California Notification Level (formerly Action Level) and Response Level for Drinking Water for TBA is 12 µg/L. All of the 19 TBA detections exceeded this limit for this quarter.

3.3.2.4 Other VOCs

In addition to the aforementioned constituents of concern, several VOCs were detected in groundwater during this monitoring event. Some of these compounds, such as n-propylbenzene and trimethylbenzene, for instance, are related to petroleum hydrocarbon releases. Conversely, also detected were chlorinated solvents, such as tetrachloroethene (PCE), trichloroethene (TCE), and cis-1,2-dichloroethene (cis-1,2-DCE), among others, which we believe are the result of off-site contamination entering the Lakeland well network.

The most significant detections of chlorinated compounds are described as follows: to the southwest, in wells W-710 and W-14B, PCE and TCE were detected between 28-130 ug/L.

3.3.3 Biodegradation Parameters

Biodegradation of TPHg most commonly occurs by aerobic, nitrate-reducing, ferric iron (Fe^{3+})-reducing, sulfate-reducing, or methanogenic respiration. TPHg and BTEX serve as electron donors for microbial metabolism in aerobic biodegradation. Electron acceptors include oxygen, nitrate, Fe^{3+}, sulfate, and carbon dioxide.

In general, if sufficient oxygen is present, aerobic biodegradation will occur first. When DO concentrations fall below approximately 0.5 mg/L (an anoxic environment), denitrification will begin if nitrate is present. After most nitrate has been consumed, Fe^{3+} reduction will begin if Fe^{3+} is present. Fe^{3+} concentrations will decrease, while Fe^{2+} concentrations will increase. After most Fe^{3+} is consumed, sulfate reduction will begin if sulfate is available. After most sulfate has been consumed, methanogenesis, which involves carbon dioxide as an electron acceptor, begins. During methanogenesis, methane concentrations increase (Department of the Navy, 1998).

The results discussed below indicate that biodegradation, whether aerobic or anaerobic, may be occurring in the local environment around the wells that were sampled for biodegradation parameters.

3.3.3.1 Field Measured Parameters

Field pH, DO, and oxidation-reduction potential (ORP) data were collected from 38 monitoring wells using an YSI 556 water quality meter (**Table IV**). The meter was inserted into grab water samples, collected from the vacuum truck intake during well purging.

• **pH** – This parameter quantifies the acidity or alkalinity of a solution. Results ranged from approximately 6.0 to 8.5 with a few exceptions, indicating a neutral to slightly alkaline

environment that is suitable for the growth of alkalophilic bacteria and microorganisms that thrive at a circumneutral pH.

• **DO** – Oxygen is the preferred electron acceptor in the biodegradation of petroleum hydrocarbons. When aerobic biodegradation occurs, DO concentrations are expected to decline as microorganisms use the electron acceptor during respiration. The vacuum stinger method used to purge the wells introduces oxygen into the groundwater. Therefore, DO data is not representative of the actual oxygen content. It is likely very low in wells exhibiting higher TPH concentrations, since oxygen is the first compound used up in the biological degradation of petroleum.

• **ORP** – This parameter is a measure of electron activity, which reflects the oxidizing or reducing nature of the environment. ORP values are generally negative under reducing conditions (gaining electrons) and positive under oxidizing conditions (losing electrons). Negative ORP values were observed in most of the 33 wells measured.

ORP values ranged from -293mV in Well EW-1 to 99.4mV in Well MW-704. **Figure 6** illustrates iso-concentration contour lines for ORP.

Hydrogen sulfide (produced from the reduction of sulfate in groundwater, after oxygen is used up) was detected during purging of wells exhibiting elevated TPH concentrations and low or negative ORP values, which is consistent with our understanding of the conceptual site model, and indicate that aerobic degradation of the hydrocarbons has stalled due to dissolved oxygen limitations. It is likely that the introduction of air (via bioventing for example) will enhance the process of stimulating the aerobic degradation of the constituents of concern at the site.

3.3.4 QA/QC

Duplicate sample results are provided alongside their primary sample results in **Tables III**. The results show similar concentrations of the analytes of interest as in their respective primary samples, as would be expected for an ELAP-certified laboratory.

Trip blank samples did not indicate the presence of VOCs, which indicates proper sample storage and confirms a lack of cross-contamination during transport.

Laboratory method blanks did not indicate the presence of VOCs, which indicates that laboratory detection equipment did not exhibit cross-contamination.

Laboratory control and laboratory spike samples exhibited results within acceptable limits, indicating no matrix interference and that the detection equipment was working properly.

4.0 SUMMARY & CONCLUSIONS

Groundwater monitoring was performed at and in the vicinity of the former CENCO refinery in August and September 2011 as part of an ongoing groundwater monitoring plan intended to evaluate chemical impacts, contaminant sources, and overall groundwater quality. This groundwater monitoring event included inspecting/gauging water levels in 59 wells and collecting samples from 38 of those wells for analysis of TPHg and VOCs.

4.1 Groundwater Surface Elevations and Gradient

A horizontal groundwater gradient of approximately 0.007 ft/ft was calculated for the third quarter groundwater monitoring event. This is consistent with historical gradient data for the site vicinity. Averaging all the wells exhibiting measurable groundwater, elevations have increased (although it dropped in select individual wells) by approximately 1.94 feet since the previous quarter. Groundwater flows from the northeast and turns due south across the area of study, which is consistent with historical measurements.

This was the third consecutive measurement period for several years in which groundwater elevations increased on the whole, rather than decreased. Most notably, wells MW-16B, MW-16C, MW-17B, and MW-17C exhibited very large increases since October 2010, which may indicate a decrease in pumping activities to the northeast. This is consistent with our understanding of regional municipal pumping activities, as production wells are often shut down during especially rainy seasons. Deep-screened production wells W-7 and W-8 also exhibited increases in groundwater elevation, which greatly exceed shallow wells in their vicinity.

4.2 Free-Phase Petroleum Hydrocarbons

Measureable free product was identified in three wells; EW-1, MW-711, and also W-15A, which exhibited FPPH for the first time. The FPPH thickness measured in these three wells (1.78, 4.26 and 0.31 feet, respectively) does not necessarily reflect FPPH actual thickness in the surrounding aquifer as fluctuations in water levels and permeability factors can influence FPPH accumulation in monitoring wells.

Murex is currently conducting a study to compare the characteristics (i.e., “fingerprints”) of FPPH samples taken from several of the monitoring wells, including wells that do not currently contain FPPH. Samples of FPPH were collected from wells W-11, MW-503B, and MW-708 during the previous year when it was present, and these samples were dated and

kept in storage in appropriate sample containers under chain-of-custody documentation for future study. In September 2011, samples of FPPH from wells EW-1 and W-15A were collected. All the samples were then submitted for fingerprinting analysis to Zymax Forensics Laboratory in Escondido, California on September 21, 2011. The findings of this study will be submitted to the RWQCB as an addendum to the June 30, 2011 FPPH Investigation Report.

4.3 Groundwater Quality

The highest concentrations of TPHg detected during this sampling event were in the western portions of the site, as well as due south of these areas beneath the former Lakeland property and the northern portion of the MSH (see **Figure 4**). The maximum concentration of TPHg was measured in a well exhibiting FPPH, 44,000 ug/L in well MW-711, located south of the former Lakeland property.

Benzene, toluene, ethylbenzene, xylene, and other compounds associated with petroleum hydrocarbons largely mimic TPHg in their presence and relative concentrations in the areas associated with the Lakeland plume. The maximum concentration of benzene was detected in well W-10, at 2,900 ug/L, located on-site (see **Figure 5**). The maximum concentration of MTBE was detected in well MW-708 at 2,300 ug/L, located due south of the former Lakeland property.

The apparent full footprint of the groundwater plume has been delineated as a result of the data collected from the new monitoring wells. Lakeland will continue to monitor the plume for changes in shape or size.

4.3.1 Off-Site Sources of Petroleum Hydrocarbons

In addition to historic releases from the Lakeland site, data collected from the monitoring well network (see **Figures 4 and 5**) exhibits evidence of possibly two or more other petroleum hydrocarbon plumes.

In connection with the study of the FPPH samples submitted for fingerprinting analysis, Murex is also reviewing literature and maps to identify other possible sources of petroleum hydrocarbons in the vicinity of the Site as well as to distinguish Site-related contamination from contamination originating elsewhere.

4.3.2 Discussion of Solvent Detections

Data collected from the monitoring well network (see **Table III**) exhibits the presence of substances not linked to historic releases at the Site, including chlorinated solvents. The

following observations were made regarding additional detected chemicals in groundwater within the Lakeland monitoring well network.

During this sampling event, elevated PCE and TCE concentrations (i.e., between 28 and 130 ug/L) were measured in wells W-14B and MW-710. This is consistent with historically high values from MW-710. Levels of PCE and TCE found in W-14B had been steadily increasing for the past three monitoring periods since January 2011. Historically, these compounds were also detected in wells MW-107A, MW-701, and MW-14C.

Cis-1,2-DCE and trans-1,2-DCE were found in 23 of the wells sampled at concentrations consistent with historical levels.

1,1-DCE was detected at an elevated concentration of 54 µg/L in well MW-710. Historically, wells W-14B and W-14C also exhibited elevated concentrations of these chemicals.

This mixture of solvents varies from those detected on the eastern side of the Lakeland well network, as it exhibits a proportionally even blend (see historical results, well MW-105, **Table III**) of TCE and 1,1-DCE.

The U.S. EPA and the RWQCB are aware of the chlorinated solvents in groundwater through their oversight of the cleanup of a Superfund site located to the north, and upgradient of the Lakeland property. Murex provides this data to the U.S. EPA on a periodic basis.

4.4 Biodegradation

Intrinsic biodegradation continues to be viable, in at least some areas of the site and vicinity, based on nitrate, sulfate, Fe^{2+}, methane, alkalinity, and ORP results from previous sampling events conducted at the site. Oxygen has been depleted, as evident by the presence of hydrogen sulfide in the deep subsurface (sulfate reduction reactions result in the formation of hydrogen sulfide). Since the main limiting factor for biodegradation of petroleum hydrocarbons is oxygen, the mechanical introduction of oxygen could stimulate aerobic biodegradation of the VOCs present in groundwater.

Murex is currently conducting pilot testing at the site to determine the appropriate remedial technology which will effectively enhance biodegradation of the constituents of concern and reduce the extent of groundwater contamination.

5. REFERENCES

1. Arcadis. 2009. *Second Quarter Groundwater Monitoring Report, Former CENCO Refinery, 12345 Lakeland Road, Santa Fe Springs, California.* Prepared for Isola Law Group, LLP. June 25.

2. Dan Herlihy Environmental Services. 2006. Letter from Dan Herlihy, Principal, to Mr. David Isola, Esq., Isola & Ruiz, LLC, re: Recommendations to Fill Data Gap and Modify Shallow Well Design & Sampling, Community Development Commission of the City of Santa Fe Springs v. Powerine Oil Company et al., Case No. VC039820. September 8.

3. Department of the Navy. 1998. *Technical Guidelines for Evaluating Monitored Natural Attenuation of Petroleum Hydrocarbons and Chlorinated Solvents in Ground Water at Naval and Marine Corps Facilities.* September.

4. Gustafson, J.B., Tell, J.G., Orem, D., 1996. Total Petroleum Hydrocarbon Criteria Working Group (TPHCWG): Selection of Representative TPH Fractions Based on Fate and Transport Considerations. Volume 3.

5. Haley & Aldrich, Inc. 2004. *Draft 2004 Semi-Annual Groundwater Monitoring Report, CENCO Refinery, Santa Fe Springs, California.* October 18.

6. Haley & Aldrich, Inc. 2005. *Additional Site Investigation Work Plan, CENCO Refining Company.* May 9.

6. CLOSING

I certify under penalty of law that this document and all enclosures were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. The information contained herein is, to the best of my knowledge and belief, true, accurate and complete, however, is reliant upon public agency records, which could be incomplete or inaccurate beyond our control.

Should you have any questions or concerns regarding the material herein, please do not hesitate to contact the undersigned at (714) 508-0800.

Sincerely,
MUREX ENVIRONMENTAL, INC.

REGISTERED PROFESSIONAL ENGINEER
JEREMY R. SQUIRE
JRS
CIVIL # 69466
Exp: June 2012
STATE OF CALIFORNIA

Jeremy R Squire, P.E.
Senior Engineer

Paris Hajali, Ph.D., P.E.
Principal

Table I
Well Construction Details
Former CENCO Refinery
Santa Fe Springs, CA

Well Installation					Completion Data																Location	Reference(s)
Well ID	Date	By	Elevation[1]		Hole Diameter (in)	Casing Diameter (in)	Screen		Depth (ft)						Elevation[1] (ft)							
			Ground Surface	Top of Casing			Slot	Length	Sand Pack		Slotted		Total Depth		Sand Pack		Slotted		Total Depth			
			(ft)	(ft amsl)			(in)	(ft)	Top	Bottom	Top	Bottom	Casing	Hole	Top	Bottom	Top	Bottom	Casing	Hole		
Groundwater Monitoring Wells																						
EW-1	6/11/1905	Emcon	146.85	146.85	-	4	-	-	-	-	-	-	113.5	-	-	-	-	-	-	-	Walker	Versar (2000)
MW-101	8/28/1985	IT	145.19	138.00	12	4	-	20	69.5	90	70	90	90	95	66	45	65	45	45	40	Refinery	IT (1986); Versar (2000); ARCADIS (2003)
MW-103	8/30/1985	IT	137.18	139.36	12	4	-	20	-	-	79	99	99	99.5	-	-	58	38	-	37	Refinery	IT (1986); Versar (2000); ARCADIS (2003)
MW-104	8/24/1985	IT	-	-	12	4	-	20	-	-	76.5	96.5	97	99	-	-	66	46	-	43	Refinery	IT (1986); Versar (2000); ARCADIS (2003)
MW-104A	6/1999	Versar	142.38	144.13	-	4	-	-	-	-	65	100	100	-	-	-	-	-	-	-	Refinery	Versar (2000); measured well depth
MW-105	12/1995	TriHydro		141.16	-	4	-	-	-	-	68	98	98	100	-	-	-	-	-	39	Refinery	Versar (2000); measured well depth
MW-106	12/1995	TriHydro	-	-	-	4	-	-	-	-	74	104	106.45	106	-	-	-	-	42	42	Bloomfield	Versar (2000)
MW-106A	2/20/2006	N&M	152.92	152.81	8	4	0 02	27	82	110	83	110	110	110	70	42	69	42	42	42	Bloomfield	Well completion report
MW-107	12/1995	TriHydro	-	-	-	4	-	-	-	-	75	105	107.55	108	-	-	-	-	41	41	Bloomfield	Versar (2000)
MW-107A	2/20/2006	N&M	147.37	147.02	8	4	0 02	27	82	110	83	110	110	110	64	36	63	36	36	36	Bloomfield	Well completion report
MW-201	9/10/1985	IT	134.86	135.65	12	4	-	30	66	103	72	102	102	103	67	30	61	31	31	30	Refinery	IT (1986); Versar (2000); ARCADIS (2003)
MW-202	9/23/1985	IT	139.00*	140.62	16	4	-	30	58	105	63	93	93	105	70	23	65	35	35	23	Refinery	IT (1986); Versar (2000); ARCADIS (2003)
MW-203	9/13/1985	IT	144.08	143.71	12	4	-	30	64.7	107	77	107	107	119	78	36	66	36	36	24	Bloomfield	IT (1986); Versar (2000); ARCADIS (2003)
MW-204	9/19/1985	IT	141.15	142.90	12	4	-	30	67.5	105	73.3	103.3	103.3	105	73	35	67	37	37	35	Refinery	IT (1986); Versar (2000); ARCADIS (2003)
MW-205	9/14/1985	IT	140.00*	140.09	12	4	-	30	65.5	103	69.5	99.5	99.5	104 5	73	35	69	39	39	34	Refinery	IT (1986); Versar (2000); ARCADIS (2003)
MW-206[2]	9/18/1985	IT	-	-	-	4	-	30	62.5	104	71	101	101	104	67	26	59	29	29	26	Lakeland	IT (1986); Versar (2000); ARCADIS (2003)
MW-501	6/9/1986	IT	-	-	-	4	-	30	-	-	71	101	101	107	-	-	58	28	-	22	Lakeland	IT (1986); Versar (2000); ARCADIS (2003)
MW-501A	3/1999	ATC	131.26	130.89	-	4	-	-	-	-	75	95	95	95	-	-	-	-	-	35	Lakeland	Versar (2000); measured well depth
MW-502	6/11/1986	IT	131.88	131.00	-	4	-	30	-	-	74	104	104	104	-	-	54	24	-	24	Lakeland	IT (1986); Versar (2000); ARCADIS (2003)
MW-503	6/13/1986	IT	-	-	-	4	-	30	-	-	80.5	110.5	110.5	111	-	-	51	21	-	20	Lakeland	IT (1986); Versar (2000); ARCADIS (2003)
MW-503B	1/1999	Versar	133.03	132.66	-	4	-	-	-	-	69	109	109	109	-	-	-	-	-	21	Lakeland	Versar (2000); measured well depth
MW-504	6/18/1986	IT	-	137.18	-	4	-	50	-	-	58	118	95.76	118	-	-	77	17	-	17	Refinery	IT (1986); Versar (2000); ARCADIS (2003)
MW-600	8/15/1990	ENSR	-	-	-	4	-	30	-	-	78	108	108	110	-	-	42	12	-	10	MSH	IT (1986); Versar (2000); ARCADIS (2003)
MW-600A	6/1999	Versar	123.28	124.26	-	4	-	-	-	-	-	-	92.7	100	-	-	-	-	-	20	MSH	Versar (2000); measured well depth
MW-601	8/17/1990	ENSR	-	-	-	4	-	30	-	-	85	115	115	117	-	-	40	10	-	8	MSH	IT (1986); Versar (2000); ARCADIS (2003)
MW-601A	6/1999	Versar			-	4	-	-	-	-	65	100	100	100	-	-	-	-	-	27	MSH	Versar (2000); measured well depth
MW-603	12/1995	TriHydro	121.40	120.95	-	4	-	-	-	-	70	100	100	100	-	-	-	-	-	19	MSH	Versar (2000); measured well depth
MW-604	12/1995	TriHydro	140.52	140.07	-	4	-	-	-	-	73	103	103	103	-	-	-	-	-	35	MSH	Versar (2000); measured well depth
MW-605	12/1995	TriHydro	117.40	116.82	-	4	-	-	-	-	65	95	95	95	-	-	-	-	-	20	MSH	Versar (2000); measured well depth
MW-606	12/1995	TriHydro	116.90	116.06	-	4	-	-	-	-	70	100	100	100	-	-	-	-	-	14	MSH	Versar (2000); measured well depth
MW-607	12/1995	TriHydro	128.92	128.28	-	4	-	-	-	-	77	107	107	107	-	-	-	-	-	19	MSH	Versar (2000); measured well depth
W-1	12/1995	TRC	145.19	144.81	-	4	-	-	-	-	70	129	129	130	-	-	-	-	-	13	Walker	IT (1986); Versar (2000)
W-2[2]	12/1995	TRC	-	-	-	4	-	-	-	-	84	129	129	129	-	-	-	-	-	-	Walker	IT (1986); Versar (2000)
W-3[2]	12/1995	TRC	-	-	-	4	-	-	-	-	82	122	122	124	-	-	-	-	-	-	Walker	IT (1986); Versar (2000)
W-3A	-	-	137.18	136.79	-	4	-	-	-	-	-	-	111.52	115	-	-	-	-	-	21	Walker	Versar (2000)
W-4	12/1995	TRC	143.18	142.56	-	4	-	20	-	-	580	600	609	-	-	-	-	-	-	-	Walker	IT (1986); Versar (2000)
W-9	8/22/2006	TA	140.37	139.84	8	2	0 01	35	73	111	75	110	110	120 5	66	28	64	29	29	19	Refinery	ARCADIS BBL (2006)
W-10	8/21/2006	TA	141.39	140.71	8	2	0 01	35	73	111	75	110	110	130	67	29	65	30	30	10	Refinery	ARCADIS BBL (2006)
W-11	8/25/2006	TA	141.96	142.10	8	2	0 01	35	73	111	75	110	110	119	68	30	66	31	31	22	Refinery	ARCADIS BBL (2006)
W-12	8/23/2006	TA	142.93	145.15	8	2	0 01	35	75	114	75	114	114	120 5	69	30	69	30	30	24	Refinery	ARCADIS BBL (2006)

Table I
Well Construction Details
Former CENCO Refinery
Santa Fe Springs, CA

Well Installation					Completion Data																Location	Reference(s)
Well ID	Date	By	Elevation[1]		Hole Diameter (in)	Casing Diameter (in)	Screen		Depth (ft)						Elevation[1] (ft)							
			Ground Surface	Top of Casing			Slot	Length	Sand Pack		Slotted		Total Depth		Sand Pack		Slotted		Total Depth			
			(ft)	(ft amsl)			(in)	(ft)	Top	Bottom	Top	Bottom	Casing	Hole	Top	Bottom	Top	Bottom	Casing	Hole		
W-14A	1/22/2008-1/30/2008	Arcadis	115.23	114.71	9	2	0 02	45	67	112	67	112	112	200	48	3	48	3	3	-85	MSH	ARCADIS (2008)
W-14B			115.00*	114.78	9	2	0 02	10	157	167	157	167	167	200	-42	-52	-42	-52	-52	-85		
W-14C			115.00*	114.78	9	2	0 02	10	185	195	185	195	195	200	-70	-80	-70	-80	-80	-85		
W-15A	11/27/2007-12/10/2007	Arcadis	127.91	127.59	10	2	0 02	45	78	126	80	125	125	200	50	2	48	3	3	-72	MSH	ARCADIS (2008)
W-15B			128.00*	127.61	10	2	0 02	10	143	156	145	155	155	200	-15	-28	-17	-27	-27	-72		
W-15C			128.00*	127.59	10	2	0 02	10	188	200	190	200	200	200	-60	-72	-62	-72	-72	-72		
W-16A	10/24/2007-10/30/2007	Arcadis	147.89	147.60	10	2	0 02	45	76	125	78	123	123	200	72	23	70	25	25	-52	Walker	ARCADIS (2008)
W-16B			148.00*	147.68	10	2	0 02	10	143	156	152	162	162	200	5	-8	-4	-14	-14	-52		
W-16C			148.00*	147.67	10	2	0 02	10	184	200	186	196	196	200	-36	-52	-38	-48	-48	-52		
W-17A	1/31/2008-2/8/2008	Arcadis	141.60	141.38	9	2	0 02	45	63	108	63	108	108	200	78	33	78	33	33	-59	Refinery	ARCADIS (2008)
W-17B			142.00*	141.37	9	2	0 02	10	159	169	159	169	169	200	-18	-28	-18	-28	-28	-59		
W-17C			142.00*	141.38	9	2	0 02	10	190	200	190	200	200	200	-49	-59	-49	-59	-59	-59		
MW-701	12/6/2010	Murex	136.87	139.48	12	4	0 02	50	77	130	80	130	130	130	59.87	6 87	56.87	6.87	6.87	6.87	Refinery	Murex (2011)
MW-702	12/15/2010	Murex	140.90	140.12	12	4	0 02	50	77	130	80	130	130	130	63.90	10.90	60.90	10.90	10.90	10.90	Refinery	Murex (2011)
MW-703	12/10/2010	Murex	134.73	137.23	12	4	0 02	50	77	130	80	130	130	130	57.73	4.73	54.73	4.73	4.73	4.73	Refinery	Murex (2011)
MW-704	12/14/2010	Murex	137.93	137.66	12	4	0 02	50	77	130	80	130	130	130	60.93	7 93	57.93	7.93	7.93	7.93	Refinery	Murex (2011)
MW-705	12/13/2010	Murex	139.16	141.94	12	4	0 02	50	77	130	80	130	130	130	62.16	9.16	59.16	9.16	9.16	9.16	Refinery	Murex (2011)
MW-706	12/9/2010	Murex	139.68	139.30	12	4	0 02	50	77	130	80	130	130	130	62.68	9.68	59.68	9.68	9.68	9.68	Refinery	Murex (2011)
MW-707	12/23/2010	Murex	128.86	128.43	12	4	0 02	50	77	130	80	130	130	130	51.86	-1.14	48.86	-1.14	-1.14	-1.14	Getty Drive	Murex (2011)
MW-708	1/12/2011	Murex	126.73	126.26	12	4	0 02	50	77	130	80	130	130	130	49.73	-3 27	46.73	-3.27	-3.27	-3.27	MSH	Murex (2011)
MW-709	1/26/2011	Murex	140.48	139.78	12	4	0 02	50	77	130	80	130	130	130	63.48	10.48	60.48	10.48	10.48	10.48	MSH	Murex (2011)
MW-710	1/13/2011	Murex	122.15	121.99	12	4	0 02	50	77	130	80	130	130	130	45.15	-7 85	42.15	-7.85	-7.85	-7.85	MSH	Murex (2011)
MW-711	1/17/2011	Murex	128.09	127.84	12	4	0 02	50	77	130	80	130	130	130	51.09	-1 91	48.09	-1.91	-1.91	-1.91	MSH	Murex (2011)
MW-712	1/24/2011	Murex	123.57	123.31	12	4	0 02	50	77	130	80	130	130	130	46.57	-6.43	43.57	-6.43	-6.43	-6.43	MSH	Murex (2011)
MW-713	1/19/2011	Murex	128.42	128.15	12	4	0 02	50	77	130	80	130	130	130	51.42	-1 58	48.42	-1.58	-1.58	-1.58	MSH	Murex (2011)
MW-714	1/20/2011	Murex	129.07	128.87	12	4	0 02	50	77	130	80	130	130	130	52.07	-0 93	49.07	-0.93	-0.93	-0.93	MSH	Murex (2011)
MW-715	1/27/2011	Murex	116.66	116.22	12	4	0 02	50	77	130	80	130	130	130	39.66	-13 34	36.66	-13.34	-13.34	-13.34	MSH	Murex (2011)
Groundwater Production Wells																						
					-	-	-	80	-	-	450	530	690	-	-	-	-	-	-	-	Refinery	IT (1986)
W-7	-		-	141.97	-	-	-	90	-	-	600	690	-	-	-	-	-	-	-	-	Refinery	
W-8	-		-	141.11	-	-	-	-	-	-	-	-	994	-	-	-	-	-	-	-	Refinery	

NOTES:

Sources: IT, 1986; Versar, 2000; Arcadis, 2003, 2006, 2008, and 2009; Dan Herlihy Environmental Services, 2006 (as shown).

[1]Survey by BLC Surveying and BBL, Inc. Benchmark No. 13-15290 City of Los Angeles

[2]Well abandoned

ft	Feet
in	Inches
MSH	Metropolitan State Hospital Property
amsl	Above mean sea level
TA	Test America Drilling
TOC	Top of casing
*	Value retrieved from Google Earth

Table II
Summary of Groundwater Level Measurements
Former CENCO Refinery
Santa Fe Springs, CA
Third Quarter 2011

Well ID	Date	Total Depth (ft)	Depth to Groundwater (ft)	Depth To FPPH (ft)	FPPH Thickness (ft)	Top of Casing Elevation (ft amsl)	Groundwater Elevation (ft amsl)
EW-1	8/19/2011	113.00	107.88	106.10	1.78	144.78	38.32
W-1	8/19/2011	129.61	111.29			144.81	33.52
W-3A	8/19/2011	111.73	DRY			136.79	NA
W-4	8/19/2011	129.71	113.03			142.56	29.53
W-7	8/19/2011	NM	88.67			141.97	53.30
W-8	8/19/2011	NM	72.17			141.11	68.94
W-9	8/19/2011	110.37	94.41			139.84	45.43
W-10	8/19/2011	110.21	100.98			140.71	39.73
W-11	8/19/2011	112.61	101.59			142.10	40.51
W-12	8/25/2011	116.10	106.66			145.15	38.49
W-14 A	8/19/2011	111.85	95.81			114.71	18.90
W-14 B	8/19/2011	112.09	94.10			114.78	20.68
W-14 C	8/19/2011	166.57	94.52			114.78	20.26
W-15 A	9/1/2011	125.70	116.26	112.00	4.26	127.59	11.33
W-15 B	8/19/2011	155.60	113.00			127.61	14.61
W-15 C	8/19/2011	197.34	112.97			127.59	14.62
W-16 A	8/19/2011	123.12	114.50			147.60	33.10
W-16 B	8/19/2011	160.25	111.91			147.68	35.77
W-16 C	8/19/2011	196.30	111.54			147.67	36.13
W-17 A	8/19/2011	108.30	100.36			141.38	41.02
W-17 B	8/19/2011	169.60	100.40			141.37	40.97
W-17 C	8/19/2011	200.00	100.41			141.38	40.97
MW-101	8/19/2011	90.72	DRY			138.00	NA
MW-103	8/19/2011	94.70	DRY			139.36	NA
MW-104A	8/19/2011	100.08	93.75			144.13	50.38
MW-105	8/19/2011	100.47	DRY			141.16	NA
MW-106A	8/19/2011	110.00	107.06			152.81	45.75
MW-107A	8/19/2011	109.49	105.01			147.02	42.01
MW-201	8/19/2011	101.60	DRY			135.65	NA
MW-202	8/19/2011	92.55	DRY			140.62	NA
MW-203	8/19/2011	102.30	DRY			143.71	NA
MW-204	8/19/2011	103.10	DRY			142.90	NA
MW-205	8/19/2011	98.27	DRY			140.09	NA
MW-501A	8/19/2011	93.27	DRY			130.89	NA
MW-502	8/19/2011	100.59	DRY			131.00	NA
MW-503B	8/19/2011	108.67	103.79			132.66	28.87
MW-504	8/19/2011	95.76	DRY			137.18	NA
MW-600A	8/19/2011	92.70	DRY			124.26	NA
MW-601A	8/19/2011	89.90	DRY			126.53	NA
MW-603	8/19/2011	97.60	DRY			120.95	NA
MW-604	8/19/2011	103.20	DRY			140.07	NA
MW-605	8/19/2011	93.98	DRY			116.82	NA
MW-606	8/19/2011	99.05	DRY			116.06	NA
MW-607	8/19/2011	107.05	DRY			128.28	NA
MW-701	8/19/2011	130.00	102.36			139.48	37.12
MW-702	8/19/2011	130.00	102.44			140.12	37.68
MW-703	8/19/2011	130.00	103.74			137.23	33.49
MW-704	8/19/2011	130.00	105.52			137.66	32.14
MW-705	8/19/2011	130.00	106.58			141.94	35.36

Table II
Summary of Groundwater Level Measurements
Former CENCO Refinery
Santa Fe Springs, CA
Third Quarter 2011

Well ID	Date	Total Depth	Depth to Groundwater	Depth To FPPH	FPPH Thickness	Top of Casing Elevation	Groundwater Elevation
MW-706	8/19/2011	130.00	103.37			139.30	35.93
MW-707	8/19/2011	130.00	100.41			128.43	28.02
MW-708	8/19/2011	130.00	99.76			126.26	26.50
MW-709	8/19/2011	130.00	112.12			139.78	27.66
MW-710	8/19/2011	130.00	97.28			121.99	24.71
MW-711	8/19/2011	130.00	104.66	104.35	0.31	127.84	23.43
MW-712	8/19/2011	130.00	101.84			123.31	21.47
MW-713	8/19/2011	130.00	107.73			128.15	20.42
MW-714	8/19/2011	142.00	107.49			128.87	21.38
MW-715	8/19/2011	134.00	99.40			116.22	16.82

NOTES:

ft	Feet
FPPH	Free-phase petroleum hydrocarbon
amsl	Above mean sea level
NM	Not measured, inaccessible
NA	Not available/applicable

Table III
Summary of Total Petroleum Hydrocarbon (TPH) and VOC Results
Former CENCO Refinery
Santa Fe Springs, CA

Location	Unit	Date	TPH-g	B	T	E	m/p-X	o-X	MTBE	TBA	NAP	1,2,4-TMB	1,3,5-TMB	PCE	TCE	t1,2-DCE	c1,2-DCE	1,1-DCE	1,1-DCA	1,2-DCA	VC
EW-1	µg/L	11/1/89	9800	730	16	1400A								<5		9.8			<5	<5	29
EW-1	µg/L	3/1/90		1800	300	1800								<25		<50			<25	<25	<100
EW-1	µg/L	4/1/90		1300	290	1600								<1		20	110		<10	<10	<20
EW-1	µg/L	8/21/98	5000	230	<50	630			<50		150	<50	<50	<50		<50	<50		<50	<50	<100
EW-1	µg/L	1/28/99	7900	110	<50	540			<50		130	<50	<50	<50		<50	<50		<50	<50	<100
EW-1	µg/L	7/19/99	8000	110	<25	1000			<25		<250	<25	25	<25		<25	<25		<25	<13	<13
EW-1	µg/L	1/13/00	NS	NS	NS	NS			NS		NS	NS	NS	NS		NS	NS		NS	NS	NS
EW-1	µg/L	7/31/00	NS	NS	NS	NS			NS		NS	NS	NS	NS		NS	NS		NS	NS	NS
EW-1	µg/L	2/6/01	NS	NS	NS	NS			NS		NS	NS	NS	NS		NS	NS		NS	NS	NS
EW-1	µg/L	7/26/01	NS	NS	NS	NS			NS		NS	NS	NS	NS		NS	NS		NS	NS	NS
EW-1	µg/L	5/6/02	NS	NS	NS	NS			NS	NS	NS	NS	NS	NS		NS	NS		NS	NS	NS
EW-1	µg/L	9/25/02	NS	NS	NS	NS			NS	NS	NS	NS	NS	NS		NS	NS		NS	NS	NS
EW-1	µg/L	11/10/06	4800	65	<4	68	16	<4	<10	<100	42	6.9	<4	<4		8.4	6.3		<4	<4	<10
EW-1	µg/L	2/9/07	4100	41	<2	39	9.4	<2	<5	<50	26	5.1	2.3	<2		7.8	6.5		<2	<2	<5
EW-1	µg/L	5/10/07	3300	19	1.5	15	3.7	<4	<10	17	10	2.6	1.4	<4		6.9	6.9		<4	<4	<10
EW-1	µg/L	8/10/07	3200	36	2.3	14	4.7	0.64	<5	15	20	3.2	1.4	<2		9.9	11		0.35	<2	<5
EW-1	µg/L	2/8/08	4100	73	1.9	4.9	<4	<4	<10	31	5.3	0.48	<4	<4		14	9.8		0.54	<4	2.6
EW-1	µg/L	2/3/11	4200	20	1.4	27	13	<0.50	<1.0	<10	22	<1.0	<1.0	<1.0	1.1	5.1	3.5	<1.0	<1.0	<0.50	<1.0
EW-1	µg/L	2/3/11	4500	20	1.5	27	13	<0.50	<1.0	<10	42	<1.0	<1.0	<1.0	1.3	5.9	4.0	<1.0	<1.0	<0.50	<1.0
EW-1	µg/L	4/13/11	4700	29	3.2	51	28	0.74	<1.0	<10	67	1.9	<1.0	<1.0	3.7	8.9	8.6	<1.0	<1.0	<0.50	<1.0
MW-101	µg/L	6/1/88		620	<5	<5															
MW-101	µg/L	9/1/88		310	10	34															
MW-101	µg/L	12/1/88		490	28	<5															
MW-101	µg/L	6/1/92		440	<5	<5															
MW-101	µg/L	9/1/92		340	<5	<5															
MW-101	µg/L	12/1/92		290	<5	<5															
MW-101	µg/L	3/1/93		200	<5	<5															
MW-101	µg/L	12/1/94		62	<5	5															
MW-101	µg/L	3/1/95		110	<5	110															
MW-101	µg/L	9/1/95		180	<4	180															
MW-101	µg/L	12/13/95	2400	90	5.9	6.4								36		0.97	45		9.3	1.8	<0.5
MW-101	µg/L	7/31/96	2300	130	14	130			<10					24000		<0.3	350		8.6	1.6	<0.3
MW-101	µg/L	12/17/96	920	<25	<50	<25			<2		<25	<25	<25	57		<25	90		<25	<25	<50
MW-101	µg/L	1/19/98	1400	65	<5	<5			<5		<10	<5	<5	180		<5	62		17	<5	<10
MW-101	µg/L	8/18/98	3200	140	<5	15					<10	<5	<5	34		<5	52		<5	<5	<10
MW-101	µg/L	1/26/99	3200	68.4	<5	7.08			<5		<10	<5	<5	19.3		<5	71.9		13.9	<5	<10
MW-101	µg/L	7/19/99	1300	22	<2	2.4			<2		<20	<2	<2	78		8.5	57		18	<1	<1
MW-101	µg/L	1/10/00	690	9.2	<1	<1			<1		<10	<1	<1	210		3.5	25		12	2.6	<0.5
MW-101	µg/L	8/3/00	<500	24	<2	<2			<2		<20	<2	<2	37		19	33		15	3.6	5
MW-101	µg/L	2/9/01	600	26	<5	<5			<5		<50	<5	<5	9.9		11	21		7.5	<2.5	3.2
MW-101	µg/L	7/26/01	690	25	<1	2.5			<1		<10	<1	<1	8.1		15	28		8.2	<5	4.3
MW-101	µg/L	5/8/02	580	17	<1	1.3			<1	<1000	<10	<1	<1	6.2		5.6	16		2.9	<0.5	1.9

Table III
Summary of Total Petroleum Hydrocarbon (TPH) and VOC Results
Former CENCO Refinery
Santa Fe Springs, CA

Location	Unit	Date	TPH-g	B	T	E	m/p-X	o-X	MTBE	TBA	NAP	1,2,4-TMB	1,3,5-TMB	PCE	TCE	t1,2-DCE	c1,2-DCE	1,1-DCE	1,1-DCA	1,2-DCA	VC
MW-101	µg/L	9/25/02	570	31	<1	1.2			<1	27000	<10	<1	<1	4.5		4.5	14		3	<0.5	<0.5
MW-101	µg/L	8/3/06	2700	89	<2	3.6	<2	<2	<5	<50	<5	<2	<2	<2		2.4	26		<2	<2	<5
MW-101	µg/L	11/10/06	1900	100	<2	<2	<2	<2	<5	<50	<5	<2	<2	<2		2.2	33		<2	<2	<5
MW-101	µg/L	2/12/07	2100	240	<8	<8	<8	<8	<20	72	<20	<8	<8	<8		<8	47		<8	<8	<20
MW-101	µg/L	5/11/07	1100	29	0.47	1	<2	<2	<5	<50	0.76	<2	<2	0.37		2.6	26		1.5	0.39	0.82
MW-101	µg/L	8/8/07	2600	31	0.49	0.95	<2	<2	<5	<50	<5	<2	<2	0.43		<2	21		1	0.46	0.72
MW-101	µg/L	11/8/07	830	62	0.9	1.7	0.8	<0.3	<0.32	<4.9	<0.41	0.24	<0.26	<0.32		<0.27	31		1.2	<0.28	<0.3
MW-103	µg/L	6/1/88		970	74	<5															
MW-103	µg/L	9/1/88		300	<5	<5															
MW-103	µg/L	12/1/88		370	<5	<5															
MW-103	µg/L	3/1/89		940	<5	<5															
MW-103	µg/L	6/1/89		700	<5	<5															
MW-103	µg/L	9/1/89		1000	30	<5															
MW-103	µg/L	3/1/92		210	<5	5															
MW-103	µg/L	6/1/92		880	<5	<5															
MW-103	µg/L	9/1/92		200	<5	<5															
MW-103	µg/L	12/1/92		350	<5	<5															
MW-103	µg/L	3/1/93		<5	8	19															
MW-103	µg/L	5/1/93		4800	<250	<250															
MW-103	µg/L	5/25/93		4800	<250	<250															
MW-103	µg/L	9/1/93		1300	88	62															
MW-103	µg/L	11/1/93		1400	<250	<250															
MW-103	µg/L	12/1/94		240	<10	<10															
MW-103	µg/L	3/1/95		160	<5	<5															
MW-103	µg/L	9/1/95		900	<50	<50															
MW-103	µg/L	12/13/95	4100	410	4.1	2.6								<0.5		<0.5	<0.5		2.2	2.1	2.5
MW-103	µg/L	7/31/96	2700	340	5	<0.5			<10					<0.3		<0.3	0.7		17	1.7	<0.3
MW-103	µg/L	12/17/96	2400	200	<5	<5			<10		<5	<5	<5	8.9		<5	<5		27	<5	54
MW-103	µg/L	1/21/98	1300	230	<5	<5			<5		<10	<5	<5	<5		<5	<5		<5	<5	28
MW-103	µg/L	8/19/98	1600	220	<5	<5			<5		<10	<5	<5	<5		<5	<5		<5	<5	<10
MW-103	µg/L	1/27/99	1900	110	<5	<5			<5		<10	<5	<5	<5		<5	<5		<5	<5	<10
MW-103	µg/L	7/19/99	1800	61	1.1	<1			<1		<10	<1	<1	<1		<1	1.2		<1	<0.5	<0.5
MW-103	µg/L	1/12/00	1500	81	<1	<1			1.2		<10	<1	<1	<1		<1	3		<1	4	<0.5
MW-103	µg/L	8/4/00	520	<0.5	<1	<1			<1		<10	<1	<1	<1		<1	2.9		<1	1.5	0.75
MW-103	µg/L	2/9/01	650	0.87	<1	<1			<1		<10	<1	<1	<1		<1	2.4		<1	<0.5	<0.5
MW-103	µg/L	7/25/01	1300	41	<1	<1			2.5		<10	5.8	1.7	<1		<1	2.5		<1	<0.5	<0.5
MW-103	µg/L	5/8/02	200	<0.5	<1	<1			<1	53000	<10	<1	<1	<1		<1	1.3		<1	<0.5	<0.5
MW-103	µg/L	9/25/02	690	40	<1	<1			1.4	40000	<10	1.4	<1	<1		<1	1.6		<1	<0.5	<0.5
MW-103	µg/L	8/3/06	350	<2	<2	<2	<2	<2	71	200	<5	<2	<2	<2		<2	<2		<2	<2	<5
MW-103	µg/L	11/8/06	430	4.1	<2	<2	<2	<2	41	160	<5	<2	<2	<2		<2	<2		<2	<2	<5
MW-103	µg/L	2/8/07	360	36	<2	<2	<2	<2	26	190	<5	<2	<2	<2		<2	<2		<2	<2	<5
MW-103	µg/L	5/9/07	220	0.51	<2	<2	<2	<2	12	85	<5	<2	<2	<2		<2	0.93		<2	0.32	<5

Table III
Summary of Total Petroleum Hydrocarbon (TPH) and VOC Results
Former CENCO Refinery
Santa Fe Springs, CA

Location	Unit	Date	TPH-g	B	T	E	m/p-X	o-X	MTBE	TBA	NAP	1,2,4-TMB	1,3,5-TMB	PCE	TCE	t1,2-DCE	c1,2-DCE	1,1-DCE	1,1-DCA	1,2-DCA	VC
MW-103	µg/L	8/8/07	370	1.3	<2	0.51	0.7	<2	14	110	<5	<2	<2	<2		<2	1.4		<2	0.53	<5
MW-103	µg/L	11/6/07	880	11	0.49	1.2	2.8	0.4	20	160	<0.41	0.24	0.39	<0.32		<0.27	2		<0.27	0.44	<0.3
MW-104	µg/L	6/1/88		<5	<5	<5															
MW-104	µg/L	9/1/88		<5	<5	<5															
MW-104	µg/L	12/1/88		<5	<5	<5															
MW-104	µg/L	3/1/89		<5	<5	<5															
MW-104	µg/L	6/1/89		<5	<5	<5															
MW-104	µg/L	9/1/89		<5	<5	<5															
MW-104	µg/L	12/1/89		<5	<5	<5															
MW-104	µg/L	3/1/90		<5	<5	<5															
MW-104	µg/L	6/1/90		<5	<5	<5															
MW-104	µg/L	9/1/90		<5	<5	<5															
MW-104	µg/L	12/1/90		<5	<5	<5															
MW-104	µg/L	3/1/91		<5	<5	<5															
MW-104	µg/L	6/1/91		<5	<5	<5															
MW-104	µg/L	9/1/91		<5	<5	<5															
MW-104	µg/L	12/1/91		<5	<5	<5															
MW-104	µg/L	3/1/92		<5	<5	<5															
MW-104	µg/L	6/1/92		<5	<5	<5															
MW-104	µg/L	9/1/92		<5	<5	<5															
MW-104	µg/L	12/1/92		<5	<5	<5															
MW-104	µg/L	3/1/93		<5	<5	<5															
MW-104	µg/L	5/1/93		<5	<5	<5															
MW-104	µg/L	5/25/93		<5	<5	<5															
MW-104	µg/L	9/1/93		<5	<5	<5															
MW-104	µg/L	11/1/93		<5	<5	<5															
MW-104	µg/L	3/1/94		<5	<5	<5															
MW-104	µg/L	6/1/94		<5	<5	<5															
MW-104	µg/L	12/1/94		<5	<5	<5															
MW-104	µg/L	3/1/95		<5	<5	<5															
MW-104	µg/L	9/1/95		3	<2	<2															
MW-104	µg/L	12/13/95	<500	3	0.6	<5										0.78			2.7		
MW-104	µg/L	7/31/96	<100	2.2	1.8	<1			<10					<0.3		<0.3	1.5		0.58	0.51	<0.3
MW-104	µg/L	12/16/96	310	4.2	<1	<1			<2		<1	<1	<1	<1		<1	2.7		<1	<1	3.2
MW-104	µg/L	1/20/98	<100	<5	<5	<5			<5		<10	<5	<5	<5		<5	<5		<5	<5	<10
MW-104	µg/L	8/18/98	<100	<5	<5	<5					<10	<5	<5	<5		<5	<5		<5	<5	<10
MW-104	µg/L	1/27/99	<100	<5	<5	<5			<5		<10	<5	<5	<5		<5	<5		<5	<5	<10
MW-104A	µg/L	7/19/99	<500	<0.5	<1	<1			<1		<10	<1	<1	<1		<1	5.6		<1	1.2	<0.5
MW-104A	µg/L	1/13/00	<500	<0.5	<1	<1			<1		<10	<1	<1	<1		<1	6.7		<1	<0.5	5.7
MW-104A	µg/L	8/2/00	<500	<0.5	<1	<1			<1		<10	<1	<1	<1		<1	5.4		<1	<0.5	<0.5
MW-104A	µg/L	2/7/01	<500	<0.5	<1	<1			<1		<10	<1	<1	<1		<1	4.2		<1	<0.5	<0.5

Table III
Summary of Total Petroleum Hydrocarbon (TPH) and VOC Results
Former CENCO Refinery
Santa Fe Springs, CA

Location	Unit	Date	TPH-g	B	T	E	m/p-X	o-X	MTBE	TBA	NAP	1,2,4-TMB	1,3,5-TMB	PCE	TCE	t1,2-DCE	c1,2-DCE	1,1-DCE	1,1-DCA	1,2-DCA	VC
MW-104A	µg/L	7/25/01	<100	<0.5	<1	<1			<1		<10	<1	<1	<1		<1	3.9		<1	<0.5	<0.5
MW-104A	µg/L	5/7/02	100	<0.5	<1	<1			<1	31000	<10	<1	<1	<1		<1	4.3		<1	<0.5	<0.5
MW-104A	µg/L	9/24/02	<100	<0.5	<1	<1			<1	20000	<10	<1	<1	<1		1.4	5.4		<1	<0.5	<0.5
MW-104A	µg/L	6/30/04	<200	<5	<5	<5			<5	30J		<5	<5	<5		2J	8.1		<5	<5	<5
MW-104A	µg/L	10/7/05	<100	<0.5	<1	<1	<1	<1	<1	83	<10	<1	<1	<1		<1	3.4		<1	<0.5	<0.5
MW-104A	µg/L	2/15/06	<50	<1	<5	<5	<5	<5	<1	30	<5	<5	<5	<5		<5	2		<5	<5	<5
MW-104A	µg/L	2/7/07	540	<2	<2	<2	<2	<2	<5	120	<5	<2	<2	<2		<2	<2		<2	<2	<5
MW-104A	µg/L	5/8/07	33	<2	0.37	<2	<2	<2	<5	340	<5	<2	<2	<2		<2	1.8		<2	<2	<5
MW-104A	µg/L	8/8/07	<50	<2	<2	<2	<2	<2	<5	150	<5	<2	<2	<2		0.51	2.9		<2	<2	<5
MW-104A	µg/L	11/5/07	<30	<0.28	<0.36	<0.25	<0.6	<0.3	<0.32	81	<0.41	<0.23	<0.26	<0.32		0.71	4		<0.27	<0.28	<0.3
MW-104A	µg/L	2/4/08	<50	<2	<2	<2	<2	<2	<5	71	<5	<2	<2	<2		0.91	5.2		<2	<2	<5
MW-104A	µg/L	1/16/09	46	<2	<2	<2	1	<2	<5	23	<5	0.55	<2	<2		0.57	4.6		<2	<2	<5
MW-104A	µg/L	4/22/09	<50	<2	<2	<2	<2	<2	<5	38	<5	<2	<2	<2		0.62	4.5		<2	<2	<5
MW-104A	µg/L	3/3/10	<50	<0.50	<0.50	<0.50		<0.50	<1.0	<10	<1.0	<1.0	<1.0	<1.0		<1.0	3.7		<1.0	<0.50	<1.0
MW-104A	µg/L	8/4/10	<50	<0.50	<0.50	<0.50		<0.50	<1.0	<10	<1.0	<1.0	<1.0	<1.0		<1.0	4.5		<1.0	<0.50	<1.0
MW-104A	µg/L	11/3/10	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<1.0	<10	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	3.6	<1.0	<1.0	<0.50	<1.0
MW-104A	µg/L	2/2/11	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<1.0	<10	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	2.2	<1.0	<1.0	<0.50	<1.0
MW-104A	µg/L	2/2/11	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<1.0	<10	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	2.1	<1.0	<1.0	<0.50	<1.0
MW-104A	µg/L	4/14/11	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<1.0	<10	<1.0	<1.0	<1.0	<1.0	1.0	<1.0	6.4	<1.0	<1.0	<0.50	<1.0
MW-104A	µg/L	8/24/11	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<1.0	<10	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	3.3	<1.0	<1.0	<0.50	<1.0
MW-105	µg/L	12/21/95	<500	11	1.7	0.81								16			9.4		4.5	3.3	
MW-105	µg/L	7/31/96	650	91	1.8	2			<10					24		<0.3	8.4		12	1.4	<0.3
MW-105	µg/L	12/16/96	240	14	<5	<5			<2		<5	<5	<5	80		<5	10		<5	<5	<10
MW-105	µg/L	1/20/98	510	21	<5	<5			<5		<10	<5	<5	150		<5	25		22	<5	<10
MW-105	µg/L	8/18/98	680	53.6	<5	<5					<10	<5	<5	96.7		<5	25.3		15.4	<5	<10
MW-105	µg/L	1/25/99	530	<5	<5	<5			<5		<10	<5	<5	125		<5	22		14	<5	6.43
MW-105	µg/L	7/19/99	610	4.8	<1	<1			<1		<10	<1	<1	78		15	29		16	3.4	<0.5
MW-105	µg/L	1/10/00	900	61	<5	<5			<5		<50	<5	<5	<5		62	40		20	4	<2.5
MW-105	µg/L	7/31/00	580	52	<5	<5			<5		<9.5	<5	<5	<5		59	52		14	9.5	10
MW-105	µg/L	2/6/01	610	<2.5	<5	<5			<5		<50	<5	<5	<5		21	33		12	<2.5	7.9
MW-105	µg/L	7/24/01	210	1	<1	<1			<1		<10	<1		<1		11	18		9	1.5	<5
MW-105	µg/L	5/7/02	530	1.1	<1	<1			<1	27000	<10	<1	<1	<2		6.8	14		4.4	<0.5	3.9
MW-105	µg/L	9/24/02	<100	1.4	<1	<1			<1	<1000	<10	<1	<1	<3		6.4	25		4.9	1.4	14
MW-105	µg/L	6/30/04	270	<5	<5	<5			<5	<100	<5	<5	<5	22		5.4	15		1J	<5	7.2
MW-105	µg/L	10/6/05	320	<0.5	<1	<1	<1	<1	<1	31	<10	<1	<1	4.5		3.9	10		5.7	0.55	1.4
MW-105	µg/L	10/6/05	300	<0.5	<1	<1	<1	<1	<1	25	<10	<1	<1	6.5		3.7	10		5.8	0.58	1.4
MW-105	µg/L	2/15/06	204	<1	<5	<5	<5	<5	<1	27	<5	<5	<5	4		3	8.8		5.2	<5	<5
MW-105	µg/L	2/15/06	205	<1	<5	<5	<5	<5	<1	27	<5	<5	<5	4.4		3.2	8.8		5.7	<5	<5
MW-105	µg/L	8/1/06	320	<2	<2	<2	<2	<2	<5	51	<5	<2	<2	6		3.9	9.5		3.9	<2	<5
MW-105	µg/L	8/1/06	330	<2	<2	<2	<2	<2	<5	57	<5	<2	<2	5.4		3.8	10		3.9	<2	<5
MW-105	µg/L	11/8/06	230	<2	<2	<2	<2	<2	<5	<50	<5	<2	<2	16		4.2	8.9		3.8	<2	<5
MW-105	µg/L	11/8/06	230	<2	<2	<2	<2	<2	<5	<50	<5	<2	<2	17		4.1	8.9		3.8	<2	<5

Table III
Summary of Total Petroleum Hydrocarbon (TPH) and VOC Results
Former CENCO Refinery
Santa Fe Springs, CA

Location	Unit	Date	TPH-g	B	T	E	m/p-X	o-X	MTBE	TBA	NAP	1,2,4-TMB	1,3,5-TMB	PCE	TCE	t1,2-DCE	c1,2-DCE	1,1-DCE	1,1-DCA	1,2-DCA	VC
MW-105	µg/L	2/7/07	160	<2	<2	<2	<2	<2	<5	<50	<5	<2	<2	19		4.8	12		4.2	<2	<5
MW-105	µg/L	2/7/07	160	<2	<2	<2	<2	<2	<5	<50	<5	<2	<2	15		4.3	12		3.7	<2	<5
MW-105	µg/L	5/9/07	150	<2	<2	<2	<2	<2	<5	<50	<5	<2	<2	12		2.7	7.5		2.6	0.31	0.59
MW-105	µg/L	5/9/07	190	<2	<2	<2	<2	<2	<5	<50	<5	<2	<2	12		2.8	7.5		2.6	0.34	0.57
MW-105	µg/L	8/7/07	250	<2	<2	<2	<2	<2	0.32	<50	<5	<2	<2	23		5.6	11		3.7	0.6	1.1
MW-105	µg/L	11/5/07	180	0.35	<0.36	<0.25	<0.6	<0.3	<0.32	<4.9	0.56	<0.23	<0.26	19		5.5	9.6		3.3	0.53	1.2
MW-105	µg/L	2/5/08	170	1.2	<2	<2	<2	<2	<5	<50	<5	<2	<2	25		6.9	11		2.6	1.1	2.3
MW-105	µg/L	2/5/08	190	1.1	<2	<2	<2	<2	<5	<50	<5	<2	<2	24		6.5	10		2.6	1.1	2.3
MW-105	µg/L	1/15/09	160	0.85	<2	<2	<2	<2	<5	<50	<5	<2	<2	41		3.2	10		2.6	1	2.6
MW-105	µg/L	1/15/09	180	0.71	<2	<2	<2	<2	<5	<50	<5	<2	<2	35		2.9	9		2.5	0.86	2.3
MW-105	µg/L	4/22/09	100	0.5	<2	<2	<2	<2	<5	<50	<5	<2	<2	16		2.1	7.3		1.7	1	1.3
MW-105	µg/L	4/22/09	120	0.66	<2	<2	<2	<2	<5	<50	<5	<2	<2	22		3	9.5		2.4	1.2	1.9
MW-106	µg/L	12/20/95	790	12	3.5	10										15	33				
MW-106	µg/L	7/31/96	600	14	2.2	9			3.6					<0.3		17	26		<0.3	<0.3	0.98
MW-106	µg/L	12/17/96	360	3.1	<2	<2			<2		<2	<2	<2	<2		26	63		<2	<2	<4
MW-106	µg/L	1/20/98	800	24	<5	8.1			<5		<10	<5	<5	<5		10	46		<5	<5	<10
MW-106	µg/L	8/20/98	1000	27	<5	84			<5		<10	<5	<5	<5		5.8	430		<5	<5	<10
MW-106	µg/L	1/27/99	1100	21000	<5	8.5			<5		<10	<5	<5	<5		<5	47		<5	<5	<10
MW-106	µg/L	7/19/99	890	18	<1	7.7			<1		<10	<1	<1	<1		6.4	39		1.7	<0.5	<0.5
MW-106	µg/L	1/14/00	1000	4.1	<1	<1			<1		<10	<1	<1	<1		9.6	20		2.2	<0.5	<0.5
MW-106	µg/L	7/31/00	<500	5.3	<1	<1			<1		<10	<1	<1	21		21	26		2.7	<0.5	25
MW-106	µg/L	2/6/01	530	2.3	<1	1.3			<1		<10	<1	<1	<1		25	35		2	<0.5	15
MW-106	µg/L	7/24/01	470	1.7	<1	<1			<1		<10	<1	<1	<1		23	33		1.8	<0.5	<0.5
MW-106	µg/L	5/7/02	430	2.4	<1	<1			<1	38000	<10	<1	<1	<1		17	22		1.6	<0.5	15
MW-106	µg/L	9/24/02	120	3.5	<1	<1			<1	28000	<10	<1	<1	<1		24	24		2.1	<0.5	21
MW-106	µg/L	7/1/04	260	2.3J	0.77	1.1			<5	<100	<5	<5	<5	<5		21	15		2J	<5	<5
MW-106A	µg/L	8/2/06	310	2.6	<2	<2	<2	<2	<5	<50	<5	<2	<2	<2		21	13		<2	<2	10
MW-106A	µg/L	11/9/06	82	<2	<2	<2	<2	<2	<5	<50	<5	<2	<2	<2		17	14		<2	<2	7
MW-106A	µg/L	2/8/07	270	2.6	<2	<2	<2	<2	<5	<50	<5	<2	<2	<2		20	15		<2	<2	13
MW-106A	µg/L	5/10/07	210	1.5	<2	0.28	<2	<2	<5	20	<5	<2	<2	<2		12	9.9		0.6	<2	7.9
MW-106A	µg/L	8/9/07	270	1.6	<2	0.6	<2	<2	<5	19	0.69	<2	<2	<2		14	12		0.83	<2	12
MW-106A	µg/L	11/7/07	240	1.4	<0.36	0.84	<0.6	<0.3	<0.32	20	1.6	<0.23	<0.26	<0.32		9.5	11		0.7	<0.28	9.9
MW-106A	µg/L	2/5/08	220	1.6	<2	0.42	<2	<2	<5	16	1.8	<2	<2	<2		7.8	10		0.73	<2	10
MW-106A	µg/L	1/19/09	220	0.46	<2	<2	<2	<2	<5	17	<5	<2	<2	<2		11	13		0.99	<2	6.3
MW-106A	µg/L	4/23/09	290	1.9	<2	3.7	<2	<2	<5	18	0.93	<2	<2	<2		6.3	5.5		0.82	<2	10
MW-106A	µg/L	3/5/10	590	8.4	<0.50	<0.50		<0.50	<1.0	<10	<1.0	<1.0	<1.0	<1.0		2.0	3.5		<1.0	<0.50	<1.0
MW-106A	µg/L	5/13/10	460	8.6	<0.50	<0.50		<0.50	<1.0	<10	<1.0	<1.0	<1.0	<1.0		2.0	<1.0		<1.0	<0.50	21
MW-106A	µg/L	8/6/10	450	12	<0.50	<0.50		<0.50	<1.0	<10	<1.0	<1.0	<1.0	<1.0		3.5	1.0		1.2	<0.50	25
MW-106A	µg/L	11/4/10	630	0.64	<0.50	<0.50	<1.0	<0.50	<1.0	<10	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	1.5	<1.0	<1.0	<0.50	8.8
MW-106A	µg/L	2/3/11	570	<0.50	<0.50	<0.50	<1.0	<0.50	<1.0	<10	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.50	<1.0
MW-106A	µg/L	4/19/11	480	0.63	<0.50	<0.50	<1.0	<0.50	<1.0	<10	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	1.0	<1.0	<1.0	<0.50	6.9

Table III
Summary of Total Petroleum Hydrocarbon (TPH) and VOC Results
Former CENCO Refinery
Santa Fe Springs, CA

Location	Unit	Date	TPH-g	B	T	E	m/p-X	o-X	MTBE	TBA	NAP	1,2,4-TMB	1,3,5-TMB	PCE	TCE	t1,2-DCE	c1,2-DCE	1,1-DCE	1,1-DCA	1,2-DCA	VC
MW-106A	µg/L	8/25/11	540	0.51	<0.50	<0.50	<1.0	<0.50	<1.0	26	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.50	4.8
MW-107	µg/L	12/21/95	<500	16	0.99	0.77										6.5	28				
MW-107	µg/L	7/31/96	600	31	4.4	6.6			110					<0.3		19	31		<0.3	<0.3	1.1
MW-107	µg/L	12/17/96	380	22	<5	<5			<2		<5	<5	<5	<5		33	80		<5	<5	<10
MW-107	µg/L	1/20/98	830	42	<5	<5			<5		<10	<5	<5	<5		47	120		<5	<5	<10
MW-107	µg/L	8/20/98	830	28	<5	<5			<5		<10	<5	<5	<5		25	98		<5	<5	<10
MW-107	µg/L	1/27/99	1100	36	<5	<5			<5		<10	<5	<5	<5		44	100		<5	<5	<10
MW-107	µg/L	7/19/99	820	38	<5	<5			<5		<50	<5	<5	<5		77	120		<5	<2.5	<2.5
MW-107	µg/L	1/12/00	1700	87	<1	7.8			<1		<10	<1	<1	<1		110	120		1.6	<0.5	<0.5
MW-107	µg/L	7/31/00	1700	250	<5	20			<5		<50	<5	<5	<5		59	43		8.3	<2.5	53
MW-107	µg/L	2/6/01	2100	180	<1	4			<1		<10	<1	<1	<1		4.5	45		20	<0.5	21
MW-107	µg/L	7/26/01	2000	220	<1	38			<2		<10	<1	<1	<1		13	33		33	<0.5	<0.5
MW-107	µg/L	5/9/02	2100	310	<2	3			<2	26000	<20	<2	<2	<2		5.7	8.8		21	<1	30
MW-107	µg/L	9/25/02	2200	770	<2	5.7	<0.5	<0.5	<2	20000	<20	<2	<2	<2		<2	5.8		30	<1	28
MW-107	µg/L	7/1/04									2J	<5	<5	<5		<5	<5		14	<5	12
MW-107A	µg/L	8/2/06	770	3.7	<2	<2	3.4	<2	<5	<50	<5	<2	<2	<2		2.4	3.9		<2	<2	<5
MW-107A	µg/L	11/9/06	780	24	<2	4.7	9.1	<2	<5	<50	<5	<2	<2	<2		5.3	6.2		<2	<2	<5
MW-107A	µg/L	2/8/07	500	80	<2	21	25	<2	<5	<50	7.4	<2	<2	<2		7.4	9.6		<2	<2	<5
MW-107A	µg/L	5/10/07	670	42	1	14	17	<2	<5	21	6	<2	0.29	<2		6	6.6		<2	<2	2
MW-107A	µg/L	8/9/07	1000	61	2	15	41	<2	<5	18	8.5	<2	0.33	<2		9.5	8.8		0.31	<2	2.3
MW-107A	µg/L	11/7/07	1500	44	4.2	16	26	<0.3	<0.32	35	11	<0.23	0.49	<0.32		9.4	6.4		0.3	<0.28	4.4
MW-107A	µg/L	2/5/08	2800	19	3	3	12	<2	<5	37	3.9	<2	0.38	<2		9.2	5.6		0.29	<2	5
MW-107A	µg/L	1/19/09	1100	13	1.9	1.5	9.9	0.43	<5	66	1.1	<2	0.29	<2		7.3	6.8		<2	<2	2
MW-107A	µg/L	1/19/09	1200	12	1.9	1.6	9.6	0.38	<5	62	1.3	<2	0.27	<2		7.5	7.2		<2	<2	1.8
MW-107A	µg/L	4/23/09	1300	74	1.1	13	94	0.47	<5	67	6.6	3.2	2.8	<2		10	8.5		<2	<2	1.3
MW-107A	µg/L	4/23/09	2400	79	1.2	13	91	0.47	<5	66	7.5	3	2.7	<2		11	9.4		<2	<2	1.3
MW-107A	µg/L	3/5/10	1100	17	0.68	1.6		<0.50	<1.0	<10	6.0	<1.0	<1.0	<1.0		7.6	6.8		<1.0	<0.50	<1.0
MW-107A	µg/L	3/5/10	1300	16	0.66	1.7		<0.50	<1.0	<10	5.6	<1.0	<1.0	<1.0		7.4	6.4		<1.0	<0.50	<1.0
MW-107A	µg/L	5/13/10	1500	7.6	11	4.1		2.0	4.7	<10	3.3	2.0	<1.0	<1.0		4.7	4.8		<1.0	<0.50	<1.0
MW-107A	µg/L	5/13/10	1100	8.8	11	4.2		<0.50	<1.0	<10	<1.0	<1.0	<1.0	<1.0		5.9	5.9		<1.0	<0.50	<1.0
MW-107A	µg/L	8/6/10	1300	120	150	39		1.3	<1.0	<10	24	1.9	<1.0	<1.0		7.5	10		<1.0	<0.50	<1.0
MW-107A	µg/L	8/6/10	1300	120	160	39		1.3	<1.0	<10	29	1.9	<1.0	<1.0		7.0	9.5		<1.0	<0.50	<1.0
MW-107A	µg/L	11/4/10	1600	36	10	14	26	<0.50	<1.0	<10	4.2	<1.0	<1.0	<1.0	7.1	5.1	6.9	<1.0	<1.0	<0.50	<1.0
MW-107A	µg/L	11/4/10	1400	39	11	16	29	<0.50	<1.0	<10	4.1	<1.0	<1.0	<1.0	7.5	5.8	7.7	<1.0	<1.0	<0.50	<1.0
MW-107A	µg/L	2/3/11	740	4.1	2.2	3.2	14	<0.50	<1.0	<10	1.2	<1.0	<1.0	<1.0	3.3	2.4	3.2	<1.0	<1.0	<0.50	<1.0
MW-107A	µg/L	4/19/11	1200	2.6	0.99	1.2	5.2	<0.50	<1.0	<10	<1.0	<1.0	<1.0	<1.0	5.9	4.2	5.9	<1.0	<1.0	<0.50	<1.0
MW-107A	µg/L	4/19/11	1200	2.4	0.90	1.2	4.7	<0.50	<1.0	<10	<1.0	<1.0	<1.0	<1.0	5.4	3.6	5.0	<1.0	<1.0	<0.50	<1.0
MW-107A	µg/L	8/25/11	590	0.95	<0.50	<0.50	1.8	<0.50	<1.0	<10	<1.0	<1.0	<1.0	<1.0	2.4	1.7	3.4	<1.0	<1.0	<0.50	<1.0
MW-107A	µg/L	8/25/11	480	0.84	<0.50	<0.50	1.4	<0.50	<1.0	<10	<1.0	<1.0	<1.0	<1.0	1.9	1.4	3.0	<1.0	<1.0	<0.50	<1.0
MW-201	µg/L	6/1/88		1000	150	<5															

Table III
Summary of Total Petroleum Hydrocarbon (TPH) and VOC Results
Former CENCO Refinery
Santa Fe Springs, CA

Location	Unit	Date	TPH-g	B	T	E	m/p-X	o-X	MTBE	TBA	NAP	1,2,4-TMB	1,3,5-TMB	PCE	TCE	t1,2-DCE	c1,2-DCE	1,1-DCE	1,1-DCA	1,2-DCA	VC
MW-201	µg/L	9/1/88		520	210	110															
MW-201	µg/L	12/1/88		420	65	19															
MW-201	µg/L	3/1/89		210	27	24															
MW-201	µg/L	6/1/89		350	<5	<5															
MW-201	µg/L	9/1/89		830	100	32															
MW-201	µg/L	12/1/89		510	76	24															
MW-201	µg/L	3/1/90		350	38	29															
MW-201	µg/L	6/1/90		820	49	84															
MW-201	µg/L	9/1/90		340	15	20															
MW-201	µg/L	12/1/90		240	12	7															
MW-201	µg/L	3/1/91		500	<5	<5															
MW-201	µg/L	6/1/91		530	<5	<5															
MW-201	µg/L	9/1/91		370	<5	<5															
MW-201	µg/L	12/1/91		340	10	9															
MW-201	µg/L	6/1/92		25	<5	<5															
MW-201	µg/L	9/1/92		350	<5	<5															
MW-201	µg/L	12/1/92		1150	<5	<5															
MW-201	µg/L	3/1/93		560	77	<50															
MW-201	µg/L	12/1/94		1300	66	500															
MW-201	µg/L	3/1/95		290	<5	<5															
MW-201	µg/L	9/1/95		1100	28	130															
MW-201	µg/L	12/13/95	9000	440	42	120								58		1.7	44		9.4	4.4	
MW-201	µg/L	7/31/96	<100	480	20	32			<10					110		<0.3	34		9.4	2.7	<0.3
MW-201	µg/L	12/17/96	3700	110	12	96			<10		<10	140	28	210		<10	89		<10	<10	<20
MW-201	µg/L	1/21/98	2600	250	14	87			<5		11	20	9.9	160		5.5	71		9.9	<5	<10
MW-201	µg/L	8/18/98	2600	440	8.6	20					11	<5	<5	16		<5	63		6.3	<5	<10
MW-201	µg/L	7/19/99	2800	160	29	69			<5		<50	53	15	40		12	63		9.3	<2.5	<2.5
MW-201	µg/L	1/12/00	5100	520	14	53			<6		<50	32	<5	<5		<5	43		<5	<2.5	<2.5
MW-201	µg/L	8/4/00	2900	570	15	61			<7		<10	33	<5	<5		<5	76		<5	<2.5	<2.5
MW-201	µg/L	2/9/01	2200	310	12	130			<8		<100	24	<10	<10		<10	100		<10	<5	<5
MW-201	µg/L	7/26/01	3200	180	9.6	56			<10		<100	17	2.5	<10		6.8	57		23	<5	<10
MW-201	µg/L	5/9/02	1800	120	6.6	45			5.1	<2000	<20	5.6	3.8	<2		4.2	33		<2	<1	1.1
MW-201	µg/L	9/26/02	890	11	11	68			<1	<1000	<1	12	14	<1		3.3	27		<1	<0.5	1.4
MW-201	µg/L	6/30/04	1700	120	12	210	58	13	<5	<100	16	5.4	12	<5		<5	21		<5	<5	2J
MW-201	µg/L	10/7/05	3400	740	37	470	73	18	<5	130	120	33	16	<5		<5	49		<5	34	<2.5
MW-201	µg/L	2/15/06	1890	128	2.5	15	6.3	<5	<1	20	<5	1.2	<5	<5		<5	8.1		<5	<5	<5
MW-201	µg/L	8/2/06	1000	73	<2	8.2	4.1	<2	<5	<50	<5	<2	<2	<2		<2	13		<2	<2	<5
MW-201	µg/L	11/9/06	1100	58	3.4	49	11	2.9	<5	<50	22	4.8	<2	<2		<2	25		<2	<2	<5
MW-201	µg/L	2/7/07	1100	94	<2	8.6	5.1	<2	<5	<50	<5	<2	<2	<2		<2	25		<2	<2	<5
MW-201	µg/L	5/9/07	830	47	0.75	4	2.6	<2	<5	<50	<5	<2	<2	<2		<2	38		0.4	0.83	0.67
MW-201	µg/L	8/8/07	1300	44	0.75	5.1	3.3	<2	<5	<50	<5	0.41	0.42	<2		<2	31		0.37	1	0.9
MW-201	µg/L	11/6/07	1500	110	3.9	57	30	5.9	<0.32	92	25	6.3	8.4	<0.32		0.91	38		0.52	1.1	1.6
MW-201	µg/L	2/7/08	670	39	<2	3.2	<2	<2	<5	<50	<5	<2	<2	<2		<2	33		<2	<2	<5

Table III
Summary of Total Petroleum Hydrocarbon (TPH) and VOC Results
Former CENCO Refinery
Santa Fe Springs, CA

Location	Unit	Date	TPH-g	B	T	E	m/p-X	o-X	MTBE	TBA	NAP	1,2,4-TMB	1,3,5-TMB	PCE	TCE	t1,2-DCE	c1,2-DCE	1,1-DCE	1,1-DCA	1,2-DCA	VC
MW-201	µg/L	1/20/09	1400	97	3.9	17	19	1	<5	44	<5	2.4	1.7	<2		0.6	16		<2	2.1	1.6
MW-201	µg/L	4/28/09	510	70	1.1	15	1.2	<2	<5	12	<5	0.7	3.5	<2		<2	12		<2	2.2	0.79
MW-202	µg/L	11/1/93		7700	<500	2600															
MW-202	µg/L	3/1/95		400	7	29															
MW-202	µg/L	9/1/95		500	10	48															
MW-202	µg/L	12/1/95	6500	330	21	51															
MW-202	µg/L	7/31/96	4800	640	15	<0.5			62					<0.3		0.34	2		0.54	0.58	<0.3
MW-202	µg/L	12/17/96	7400	890	<50	<50			<20		<50	<50	<50	<50		<50	<50		<50	<50	<10
MW-202	µg/L	1/21/98	1600	450	<5	19			<5		<10	<5	<5	<5		<5	<5		<5	<5	<10
MW-202	µg/L	8/18/98	3100	280	<5	<5			<5		<10	<5	<5	<5		<5	<5		<5	<5	<10
MW-202	µg/L	1/27/99	2300	76	<5	<5			<5		<10	<5	<5	<5		<5	<5		<5	<5	<10
MW-202	µg/L	7/19/99	2300	36	2.1	3.7			<2		<20	<2	<2	<2		<2	3.3		<2	<1	<1
MW-202	µg/L	1/11/00	2400	49	<1	2.4			1.2		<10	<1	<1	<1		<1	1.9		2.2	<0.5	<0.5
MW-202	µg/L	2/7/00	1100	25	<1	<1			<1		<10	<1	<1	<1		<1	2.3		7.3	<0.5	3.3
MW-202	µg/L	8/2/00	1400	41	<1	<1			<1		<10	<1	<1	<1		<1	4.6		11	<0.5	<0.5
MW-202	µg/L	7/24/01	1100	38	<1	<1			<1		<10	<1	<1	<1		<1	<1		1.8	<0.5	<0.5
MW-202	µg/L	5/8/02	1400	330	2.9	2.1			16	66000	<10	<1	<1	<1		<1	<1		1.2	<0.5	<0.5
MW-202	µg/L	9/26/02	1000	170	7.8	14			12	59000	<50	<5	<5	<5		<5	<5		<5	<2.5	<2.5
MW-203	µg/L	6/1/88		46	<5	<5															
MW-203	µg/L	9/1/88		76	<5	<5															
MW-203	µg/L	12/1/88		64	<5	<5															
MW-203	µg/L	3/1/89		110	<5	<5															
MW-203	µg/L	6/1/89		110	<5	<5															
MW-203	µg/L	9/1/89		80	<5	5															
MW-203	µg/L	12/1/89		100	<5	<5															
MW-203	µg/L	3/1/90		90	<5	<5															
MW-203	µg/L	6/1/90		88	2	7															
MW-203	µg/L	9/1/90		130	<5	9															
MW-203	µg/L	12/1/90		94	<5	7															
MW-203	µg/L	3/1/91		100	<5	<5															
MW-203	µg/L	6/1/91		100	<5	<5															
MW-203	µg/L	9/1/91		140	<5	<5															
MW-203	µg/L	12/1/91		130	<5	<5															
MW-203	µg/L	3/1/92		120	<5	<5															
MW-203	µg/L	6/1/92		85	<5	<5															
MW-203	µg/L	9/1/92		46	<5	<5															
MW-203	µg/L	12/1/92		64	<5	<5															
MW-203	µg/L	3/1/93		69	<5	<5															
MW-203	µg/L	5/1/93		86	<5	<5															
MW-203	µg/L	5/25/93		86	<5	<5															
MW-203	µg/L	9/1/93		40	<5	<5															
MW-203	µg/L	12/1/94		39	<5	<5															

Table III
Summary of Total Petroleum Hydrocarbon (TPH) and VOC Results
Former CENCO Refinery
Santa Fe Springs, CA

Location	Unit	Date	TPH-g	B	T	E	m/p-X	o-X	MTBE	TBA	NAP	1,2,4-TMB	1,3,5-TMB	PCE	TCE	t1,2-DCE	c1,2-DCE	1,1-DCE	1,1-DCA	1,2-DCA	VC
MW-203	µg/L	3/1/95		27	<5	<5															
MW-203	µg/L	9/1/95		28	<2	<2															
MW-203	µg/L	12/13/95	640	37	1	12										4.5	40		0.61		1.4
MW-203	µg/L	7/31/96	500	43	2	1.8			<20					<0.3		1.7	22		0.34	<0.3	2
MW-203	µg/L	12/17/96	160	30	<1	<1			<2		<1	<1	<1	<1		<1	<1		<1	<1	<2
MW-203	µg/L	1/20/98	250	24	<5	<5			<5		<10	<5	<5	<5		<5	28		<5	<5	<10
MW-203	µg/L	8/20/98	290	17	<5	<5			<5		<10	<5	<5	<5		<5	35		<5	<5	<10
MW-203	µg/L	1/27/99	330	12	<5	<5			<5		<10	<5	<5	<5		<5	35		<5	<5	<10
MW-203	µg/L	7/19/99	<500	16	<1	<1			<1		<10	<1	<1	<1		1.9	24		<1	<0.5	<0.5
MW-203	µg/L	1/12/00	<500	7.8	<1	<1			1		<10	<1	<1	<1		<1	14		<1	0.53	<5
MW-203	µg/L	7/31/00	<500	97	<1	<1			<5		<10	<1	<1	<1		<1	16		<1	<0.5	0.51
MW-203	µg/L	2/6/01	<500	13	<1	<1			<1		<10	<1	<1	<1		1.6	25		<1	<0.5	1.1
MW-203	µg/L	7/24/01	180	14	<1	<1			<1		<10	<1	<1	<1		1.8	24		<1	<0.5	8.3
MW-203	µg/L	5/8/02	150	8.7	<1	<1			<1	30000	<10	<1	<1	<2		1.7	21		<1	<0.5	0.53
MW-203	µg/L	9/25/02	160	11	<1	<1			<1	25000	<10	<1	<1	<3		2.5	27		<1	<0.5	1.1
MW-203	µg/L	7/1/04	270	9.2	0.5J	0.75	<0.5	<0.5	<5	<100	<5	<5	<5	<5		4J	24		<5	<5	<5
MW-203	µg/L	8/2/06	240	3.1	<2	<2	<2	<2	<5	<50	<5	<2	<2	<2		4.4	18		<2	<2	11
MW-203	µg/L	11/9/06	260	2.5	<2	<2	<2	<2	<5	<50	<5	<2	<2	<2		4.8	20		<2	<2	10
MW-203	µg/L	2/8/07	150	2	<2	<2	<2	<2	<5	<50	<5	<2	<2	<2		3.4	21		<2	<2	9.7
MW-203	µg/L	5/10/07	170	1	<2	<2	<2	<2	0.7	28	<5	<2	<2	<2		2.8	14		0.75	<2	7.8
MW-203	µg/L	8/9/07	270	0.88	<2	<2	<2	<2	0.59	27	<5	<2	<2	<2		2.4	16		0.77	<2	8.5
MW-203	µg/L	11/7/07	65	0.78	<0.36	<0.25	<0.6	<0.3	0.69	28	<0.41	<0.23	<0.26	<0.32		2.5	18		0.76	<0.28	8
MW-203	µg/L	2/5/08	87	1.4	<2	<2	<2	<2	0.63	32	<5	<2	<2	<2		2.4	19		0.77	<2	8.7
MW-203	µg/L	1/19/09	65	0.53	<2	<2	<2	<2	0.84	40	<5	<2	<2	<2		3	20		0.92	<2	7.6
MW-203	µg/L	4/23/09	69	0.63	<2	<2	<2	<2	3.1	36	<5	<2	<2	<2		1.8	12		0.58	<2	4.9
MW-204	µg/L	6/1/88		19	<5	<5															
MW-204	µg/L	9/1/88		6	<5	<5															
MW-204	µg/L	12/1/88		33	<5	<5															
MW-204	µg/L	3/1/89		39	<5	<5															
MW-204	µg/L	6/1/89		76	<5	<5															
MW-204	µg/L	9/1/89		64	<5	<5															
MW-204	µg/L	12/1/89		160	<5	<5															
MW-204	µg/L	3/1/90		9	<5	<5															
MW-204	µg/L	6/1/90		2	<5	<5															
MW-204	µg/L	9/1/90		25	<5	<5															
MW-204	µg/L	12/1/90		<5	<5	<5															
MW-204	µg/L	3/1/91		<5	<5	<5															
MW-204	µg/L	6/1/91		<5	<5	<5															
MW-204	µg/L	9/1/91		27	<5	<5															
MW-204	µg/L	12/1/91		47	<5	<5															
MW-204	µg/L	3/1/92		90	<5	<5															
MW-204	µg/L	6/1/92		110	71	<5															

Table III
Summary of Total Petroleum Hydrocarbon (TPH) and VOC Results
Former CENCO Refinery
Santa Fe Springs, CA

Location	Unit	Date	TPH-g	B	T	E	m/p-X	o-X	MTBE	TBA	NAP	1,2,4-TMB	1,3,5-TMB	PCE	TCE	t1,2-DCE	c1,2-DCE	1,1-DCE	1,1-DCA	1,2-DCA	VC
MW-204	µg/L	9/1/92		90	20	<5															
MW-204	µg/L	12/1/92		2700	3700	<5															
MW-204	µg/L	4/1/93		130	28	21															
MW-204	µg/L	5/1/93		780	<50	<50															
MW-204	µg/L	5/25/93		780	<50	<50															
MW-204	µg/L	12/1/94		5500	630	190															
MW-204	µg/L	3/1/95		5000	77	120															
MW-204	µg/L	9/1/95		6900	4700	650															
MW-204	µg/L	12/13/95	12000000	880	670	240															
MW-204	µg/L	8/1/96	14000	1400	1300	520			32					<1		<1	2.9		3.3	7.2	5.2
MW-204	µg/L	12/17/96	2100	750	58	<50			<200		<50	<50	<50	<50		<50	<50		<50	<50	<100
MW-204	µg/L	1/21/98	6000	2300	79	210			5.1		65	90	23	<5		<5	<5		<5	<5	9
MW-204	µg/L	8/21/98	11000	5100	510	520			<50		<100	200	<50	<50		<50	<50		<50	150	<100
MW-204	µg/L	1/28/99	10000	3300	120	530			5.2		94	250	61	<50		<50	<50		<50	<50	12
MW-204	µg/L	7/19/99	1900	560	<10	110			27		<100	47	11	<10		<10	<10		<10	<5	<5
MW-204	µg/L	1/11/00	2100	270	<10	<10			<10		<100	<10	<10	<10		<10	<10		<10	<5	<5
MW-204	µg/L	8/3/00	1300	400	<5	12			<5		<10	<5	<5	<5		<5	<5		<5	<2.5	<2.5
MW-204	µg/L	2/8/01	1200	55	1.4	<1			<1		<10	<1	<1	<1		<1	<1		<1	<0.5	<0.5
MW-204	µg/L	7/24/01	1200	200	<1	12			1.6		<10	<1	<1	<1		<1	1.5		4.7	<0.5	<0.5
MW-204	µg/L	5/9/02	1400	250	37	120			<2	17000	<20	26	8.9	<2		<2	2.7		3.5	<1	3.5
MW-204	µg/L	9/26/02	560	67	2.5	19			<2	20000	<20	22	7.7	<2		<2	3.6		<2	<1	3.4
MW-204	µg/L	6/30/04	260	30	<5	7.6	6	<0.5	<5	150	4J	6.8	2J	<5		<5	4J		<5	<5	<5
MW-204	µg/L	10/7/05	340	5.7	<1	4.2	2.1	<1	<1	90	<10	2.3	1.2	<1		<1	3.4		<1	1.6	<0.5
MW-204	µg/L	2/15/06	111	1.5	<5	2.5	1.4	<5	<1	91	<5	2.6	1.2	<5		<5	2.6		<5	<5	<5
MW-204	µg/L	8/1/06	260	<2	<2	9.5	8.1	<2	<5	67	<5	14	6.7	<2		<2	3.9		<2	<2	<5
MW-204	µg/L	11/10/06	81	<2	<2	<2	<2	<2	<5	<50	<5	<2	<2	<2		<2	5.5		<2	<2	<5
MW-204	µg/L	2/7/07	360	4.9	<2	11	14	<2	<5	64	5.6	25	16	<2		<2	2.8		<2	<2	<5
MW-204	µg/L	11/6/07	53	<0.28	<0.36	<0.25	<0.6	<0.3	<0.32	81	<0.41	0.65	0.42	<0.32		<0.27	2.2		<0.27	0.4	<0.3
MW-204	µg/L	2/4/08	37	<2	<2	<2	<2	<2	<5	71	0.42	0.38	<2	<2		<2	1.6		<2	0.37	<5
MW-204	µg/L	4/23/09	110	<2	<2	<2	<2	<2	<5	71	0.51	0.74	0.84	<2		<2	5.9		<2	<2	<5
MW-205	µg/L	6/1/88		13	<5	<5															
MW-205	µg/L	9/1/88		27	<5	<5															
MW-205	µg/L	12/1/88		120	<5	<5															
MW-205	µg/L	3/1/89		40	<5	<5															
MW-205	µg/L	6/1/89		120	<5	<5															
MW-205	µg/L	9/1/89		81	<5	<5															
MW-205	µg/L	12/1/89		170	<5	<5															
MW-205	µg/L	3/1/90		140	<5	<5															
MW-205	µg/L	6/1/90		56	<5	<5															
MW-205	µg/L	9/1/90		45	<5	<5															
MW-205	µg/L	12/1/90		47	<5	<5															
MW-205	µg/L	3/1/91		40	<5	<5															

Table III
Summary of Total Petroleum Hydrocarbon (TPH) and VOC Results
Former CENCO Refinery
Santa Fe Springs, CA

Location	Unit	Date	TPH-g	B	T	E	m/p-X	o-X	MTBE	TBA	NAP	1,2,4-TMB	1,3,5-TMB	PCE	TCE	t1,2-DCE	c1,2-DCE	1,1-DCE	1,1-DCA	1,2-DCA	VC
MW-205	µg/L	6/1/91		<5	<5	<5															
MW-205	µg/L	9/1/91		43	<5	<5															
MW-205	µg/L	12/1/91		85	<5	<5															
MW-205	µg/L	3/1/92		35	<5	<5															
MW-205	µg/L	6/1/92		6	<5	<5															
MW-205	µg/L	9/1/92		5	<5	<5															
MW-205	µg/L	12/1/92		10	<5	<5															
MW-205	µg/L	3/1/93		<5	<5	<5															
MW-205	µg/L	5/1/93		22	<5	<5															
MW-205	µg/L	5/25/93		22	<5	<5															
MW-205	µg/L	11/1/93		32	<5	<5															
MW-205	µg/L	12/1/94		<5	<5	<5															
MW-205	µg/L	3/1/95		<5	<5	<5															
MW-205	µg/L	9/1/95		5.3	<2	<2															
MW-205	µg/L	12/13/95	2100	110	1.3	18								2.8		5.3	51		7.3	2	
MW-205	µg/L	7/31/96	<100	5.1	<2	<2			<10					3.5		<0.3	30		2.8	<0.3	<0.3
MW-205	µg/L	12/16/96	270	<2	<2	<2			2		<2	<2	<2	<2		<2	35		<2	<2	<4
MW-205	µg/L	1/20/98	190	<5	<5	<5			<5		<10	<5	<5	<5		<5	27		<5	<5	<10
MW-205	µg/L	8/21/98	17	<5	<5	<5			<5		<10	<5	<5	<5		<5	32		<5	<5	<10
MW-205	µg/L	1/26/99	220	6.87	<5	<5			<5		<10	<5	<5	<5		<5	26.1		<5	<5	<10
MW-205	µg/L	7/19/99	<500	10	<1	<1			<1		<10	<1	<1	<1		1.8	23		<1	<0.5	<0.5
MW-205	µg/L	1/11/00	790	26	1.3	2			<1		<10	<1	<1	<1		<1	13		<1	<0.5	13
MW-205	µg/L	8/2/00	<500	11	<1	<1					<10	<1	<1	<1		<1	6		<1	<0.5	<0.5
MW-205	µg/L	2/7/01	540	37	<1	12			<1		<10	1.7	8.5	<1		<1	5.2		<1	<0.5	0.96
MW-205	µg/L	7/26/01	380	21	<1	1.1			<1		<10	<1	<1	<1		<1	17		<1	<0.5	<0.5
MW-205	µg/L	5/8/02	260	9.7	<1	<1			<1	<1000	<10	<1	<1	<1		<1	22		<1	<0.5	0.65
MW-205	µg/L	9/25/02	300	24	<1	<1			<1	4000	<10	<1	1.1	<1		<1	10		<1	<0.5	4.7
MW-205	µg/L	6/30/04	<200	3J	<5	<5	<0.5	<0.5	<5	<100	<5	<5	<5	<5			6.5		<5	<5	<5
MW-205	µg/L	10/6/05	850	55	<1	<1	<1	<1	<1	<10	<10	<1	<1	<1		<1	4.2		<1	<0.5	<0.5
MW-205	µg/L	2/15/06	411	35	<5	<5	<5	<5	<1	<10	<5	<5	<5	<5		<5	19		<5	<5	<5
MW-205	µg/L	8/2/06	560	40	<2	<2	<2	<2	<5	<50	<5	<2	<2	<2		<2	35		<2	<2	<5
MW-205	µg/L	11/8/06	360	7	<2	<2	<2	<2	<5	<50	<5	<2	<2	<2		<2	48		<2	<2	<5
MW-205	µg/L	2/7/07	150	24	<2	<2	<2	<2	<5	<50	<5	<2	<2	<2		<2	32		<2	<2	<5
MW-205	µg/L	5/9/07	190	7.4	<2	<2	<2	<2	<5	<50	<5	<2	<2	<2		0.85	40		<2	0.54	0.41
MW-205	µg/L	8/8/07	290	6	<2	<2	<2	<2	<5	<50	<5	<2	<2	<2		<2	29		<2	1.2	0.65
MW-205	µg/L	11/6/07	330	12	<0.36	<0.25	<0.6	<0.3	<0.32	12	<0.41	<0.23	<0.26	<0.32		0.7	23		<0.27	1.8	1.5
MW-205	µg/L	2/5/08	260	4.9	<2	<2	<2	<2	<5	9.2	<5	<2	<2	<2		<2	14		<2	2	1.8
MW-205	µg/L	1/19/09	<380	150	0.86	2	<4	<4	<10	13	<10	<4	<4	<4		<4	3		<4	<4	<10
MW-205	µg/L	4/22/09	<320	96	<2	0.38	<2	<2	<5	33	<5	<2	<2	<2		<2	0.6		<2	<2	<5
MW-206	µg/L	6/1/88		5800	2400	2100															
MW-206	µg/L	9/1/88		4200	1000	2000															
MW-206	µg/L	12/1/88		4300	920	2100															

Table III
Summary of Total Petroleum Hydrocarbon (TPH) and VOC Results
Former CENCO Refinery
Santa Fe Springs, CA

Location	Unit	Date	TPH-g	B	T	E	m/p-X	o-X	MTBE	TBA	NAP	1,2,4-TMB	1,3,5-TMB	PCE	TCE	t1,2-DCE	c1,2-DCE	1,1-DCE	1,1-DCA	1,2-DCA	VC
MW-206	µg/L	3/1/89		2700	3200	2400															
MW-206	µg/L	6/1/89		3100	1200	2300															
MW-206	µg/L	9/1/89		4500	620	2400															
MW-206	µg/L	12/1/89		3200	1000	2000															
MW-206	µg/L	3/1/90		3700	1700	2600															
MW-206	µg/L	6/1/90		3700	960	2000															
MW-206	µg/L	9/1/90		5100	2100	2300															
MW-206	µg/L	12/1/90		7100	2100	2400															
MW-206	µg/L	3/1/91		4900	2600	2200															
MW-206	µg/L	6/1/91		5220	1080	2400															
MW-206	µg/L	9/1/91		4500	2100	2000															
MW-206	µg/L	12/1/91		3400	720	2500															
MW-206	µg/L	3/1/92		2000	470	2500															
MW-206	µg/L	6/1/92		3200	420	2100															
MW-206	µg/L	9/1/92		9900	1400	3200															
MW-206	µg/L	12/1/92		13000	2000	6000															
MW-206	µg/L	12/1/94		8400	4900	1800															
MW-206	µg/L	3/1/95		9000	720	2000															
MW-206	µg/L	9/1/95		6200	800	1600															
MW-206	µg/L	12/13/95	12000	110	16	32															
MW-206	µg/L	7/31/96	33000	570	110	420			510					<0.3		<0.3	20		8.8	5.8	<0.3
MW-206	µg/L	12/18/96	8200	2200	<100	1200			<20		130	190	140	<100		<100	<100		<100	<100	<200
MW-206	µg/L	1/21/98	13000	1500	290	1600			<5		59	35	12	<5		<5	130		<5	<5	<10
MW-206	µg/L	8/20/98	NS	NS	NS	NS			NS		NS	NS	NS	NS		NS	NS		NS	NS	NS
MW-501	µg/L	3/1/95		4200	230	1000															
MW-501	µg/L	9/1/95		2400	270	<200															
MW-501	µg/L	12/13/95	69000	1600	100	880											8.5		1.6	3.2	
MW-501	µg/L	7/31/96	18000	1700	73	220			180					<0.3		<0.3	7.2		0.81	1.3	<0.3
MW-501	µg/L	12/18/96	6800	1200	<50	510			<10		<50	310	130	<50		<50	<50		<50	<50	<100
MW-501	µg/L	1/21/98	950	260	<5	11			<5		<10	9.3	<5	<5		<5	<5		<5	<5	<10
MW-501	µg/L	8/20/98	NS	NS	NS	NS			NS		NS	NS	NS	NS		NS	NS		NS	NS	NS
MW-501	µg/L	1/26/99	NS	NS	NS	NS			NS		NS	NS	NS	NS		NS	NS		NS	NS	NS
MW-501A	µg/L	8/3/06	24000	6300	32	170	50	6.1	700	84	32	6.2	25	<2		<2	<2		<2	<2	<5
MW-501A	µg/L	11/10/06	13000	3300	<40	100	<40	<40	1100	<1000	<100	<40	<40	<40		<40	<40		<40	<40	<100
MW-501A	µg/L	2/12/07	<13000	3800	<40	130	<40	<40	1100	<1000	<100	<40	44	<40		<40	<40		<40	<40	<100
MW-501A	µg/L	5/11/07	9100	2000	<100	84	<100	<100	640	<2500	<250	<100	24	<100		<100	<100		<100	<100	<250
MW-501A	µg/L	8/10/07	7100	1100	15	49	28	3.1	630	54	<50	3.6	27	<20		<20	<20		<20	<20	<50
MW-501A	µg/L	11/8/07	7700	1400	11	13	13	<6	410	<98	<8.2	<4.6	17	<6.4		<5.4	<6.4		<5.4	<5.6	<6
MW-501-A	µg/L	7/19/99	7500	1300	<25	<25			<25		<250	<25	<25	<25		<25	<25		<25	<13	<13
MW-501-A	µg/L	1/13/00	9200	1600	18	<10			<10		<100	<10	<10	<10		<10	<10		<10	<5	<5
MW-501-A	µg/L	8/2/00	7100	980	11	12					<10	<10	<10	<10		<10	<10		<10	<5	<6

Table III
Summary of Total Petroleum Hydrocarbon (TPH) and VOC Results
Former CENCO Refinery
Santa Fe Springs, CA

Location	Unit	Date	TPH-g	B	T	E	m/p-X	o-X	MTBE	TBA	NAP	1,2,4-TMB	1,3,5-TMB	PCE	TCE	t1,2-DCE	c1,2-DCE	1,1-DCE	1,1-DCA	1,2-DCA	VC
MW-501-A	µg/L	2/7/01	6600	680	<10	10			<10		<100	<10	<10	<10		<10	<10		<10	<5	6.5
MW-501-A	µg/L	7/25/01	5700	140	<10	<10			85		<100	<10	<10	<10		<10	<10		13	<5	<5
MW-501-A	µg/L	5/8/02	7000	690	4.3	6.8			130	<2000	<20	<2	<2	<2		<2	<2		4.2	<1	2.4
MW-501-A	µg/L	9/26/02	6500	520	<10	<10			570	<1000	<100	<10	<10	<10		<10	<10		<10	<5	5.5
MW-502	µg/L	6/1/88		950	79	62															
MW-502	µg/L	9/1/88		1300	180	2800															
MW-502	µg/L	12/1/88		6500	860	1500															
MW-502	µg/L	3/1/89		5300	1200	1900															
MW-502	µg/L	9/1/94		9800	860	1900															
MW-502	µg/L	12/1/94		8400	1600	1600															
MW-502	µg/L	3/1/95		18000	480	2100															
MW-502	µg/L	9/1/95		15000	690	3300															
MW-502	µg/L	12/13/95	220000	6900	950	3300											6.9		0.89	6.1	
MW-502	µg/L	7/13/96	110000	13000	400	1800			1000					<0.3		<0.3	6.8		<0.3	12	<0.3
MW-502	µg/L	12/18/96	30000	11000	<500	2100			<10		<500	<500	<500	<500		<500	<500		<500	<500	<1000
MW-502	µg/L	1/22/98	24000	7800	130	1300			70000		320	300	70	<25		<25	<25		<25	<25	<50
MW-502	µg/L	8/19/98	86000	12000	100	1400			290000		280	340	60	<5		<5	10		<5	<5	<10
MW-502	µg/L	1/26/99	120000	8800	80.4	1030			119000		255	179	47.1	<5		<5	10.4		<5	<5	<10
MW-502	µg/L	7/19/99	48000	11000	<5000	<5000			92000		<50000	<5000	<5000	<5000		<5000	<5000		<5000	<2500	<2500
MW-502	µg/L	1/13/00	25000	8100	<1000	<1000			8700		<10000	<1000	<1000	<1000		<1000	<1000		<1000	<500	<500
MW-502	µg/L	8/2/00	23000	6300	100	250			4500		160	<100	<100	<100		<100	<100		<100	<50	<50
MW-502	µg/L	2/7/01	18000	5000	82	230			6500		<500	<50	<50	<50		<50	<50		<50	<50	<25
MW-502	µg/L	7/25/01	24000	6500	170	400			18000		<500	89	<50	<50		<50	<50		<50	<50	<25
MW-502	µg/L	5/9/02	25000	4300	<200	390			14000	<2000	<2000	<200	<200	<200		<200	<200		<200	<100	<100
MW-502	µg/L	9/26/02	11000	4000	<100	540			9400	<1000	<1000	100	<100	<100		<100	<100		<100	<50	<50
MW-502	µg/L	10/5/05	15000	900	<100	430	110	<100	15000	<1000	<1000	<100	110	<100		<100	<100		<100	<50	<50
MW-502	µg/L	2/14/06	47600	1280	32	616	182	<50	29300	<100	183	86	139	<50		<50	<50		<50	<50	<50
MW-502	µg/L	8/4/06	20000	2500	38	160	730	<50	29000	790	130	160	98	<2		<2	<2		<2	<2	<5
MW-502	µg/L	11/10/06	35000	1800	51	820	250	<40	19000	<1000	290	110	240	<40		<40	<40		<40	<40	<100
MW-502	µg/L	2/9/07	15000	2200	<400	500	560	<400	23000	<1000	<1000	<400	<400	<400		<400	<400		<400	<400	<1000
MW-502	µg/L	5/11/07	25000	4000	59	500	720	<200	29000	<5000	170	400	250	<200		<200	<200		<200	<200	<500
MW-502	µg/L	8/10/07	<30000	3300	50	420	480	<100	34000	610	92	200	200	<100		<100	<100		<100	<100	<250
MW-502	µg/L	11/8/07	19000	2100	<72	530	140	<60	16000	<980	230	50	100	<64		<54	<64		<54	<56	<60
MW-502	µg/L	2/11/08	26000	3900	52	430	120	<200	27000	<5000	270	30	98	<200		<200	<200		<200	<200	<500
MW-503	µg/L	6/1/88		600	140	340															
MW-503	µg/L	9/1/88		800	280	300															
MW-503	µg/L	12/1/88		1500	570	380															
MW-503	µg/L	3/1/89		400	190	360															
MW-503	µg/L	6/1/89		600	340	630															
MW-503	µg/L	9/1/89		990	550	200															
MW-503	µg/L	12/1/89		270	180	180															

Table III
Summary of Total Petroleum Hydrocarbon (TPH) and VOC Results
Former CENCO Refinery
Santa Fe Springs, CA

Location	Unit	Date	TPH-g	B	T	E	m/p-X	o-X	MTBE	TBA	NAP	1,2,4-TMB	1,3,5-TMB	PCE	TCE	t1,2-DCE	c1,2-DCE	1,1-DCE	1,1-DCA	1,2-DCA	VC
MW-503	µg/L	3/1/90		310	140	140															
MW-503	µg/L	6/1/90		34	24	110															
MW-503	µg/L	9/1/90		170	110	140															
MW-503	µg/L	12/1/90		2100	1300	100															
MW-503	µg/L	3/1/91		900	650	250															
MW-503	µg/L	6/1/91		1040	700	330															
MW-503	µg/L	12/1/92		3300	750	340															
MW-503	µg/L	3/1/93		2900	400	<250															
MW-503	µg/L	12/1/94		240	22	66															
MW-503	µg/L	3/1/95		390	55	100															
MW-503	µg/L	9/1/95		530	93	130															
MW-503	µg/L	12/13/95	8200	340	79	190										1.2	38		15	6.5	1.4
MW-503	µg/L	7/31/96	5100	150	49	25			<10					90		<0.3	36		15	3.1	<0.3
MW-503	µg/L	12/18/96	4600	210	19	140			<20		28	63	23	14		<10	40		<10	<10	<20
MW-503	µg/L	1/21/98	3100	210	31	280			<5		17	5.8	14	<5		27	67		9.6	<5	<10
MW-503	µg/L	8/19/98	960	72	7.9	53					5.3	5	<5	<5		71	41		<5	<5	<10
MW-503B	µg/L	2/9/99	10000	970	<50	420					<50	<50	<50	<50		150	110		<50	<50	<100
MW-503B	µg/L	7/19/99	7800	630	<20	540			<20		<200	<20	<20	<20		250	180		<20	<10	<10
MW-503B	µg/L	1/14/00	14000	1000	32	870			<20		<200	<20	<20	<20		200	210		<20	<10	<10
MW-503B	µg/L	8/4/00	5600	610	19	500			<10		23	<10	<10	<10		160	140		<10	<5	<5
MW-503B	µg/L	2/6/01	5800	250	<20	320			<20		<200	<20	<20	<20		150	84		<20	<10	<10
MW-503B	µg/L	7/25/01	5700	280	<50	230			<50		<500	<50	<50	<50		57	<50		<50	<25	<25
MW-503B	µg/L	5/9/02	4500	81	3.5	77			<2	<2000	26	2.5	2.2	<2		23	23		<2	<1	7.7
MW-503B	µg/L	9/26/02	3300	36	9.6	140			<1	<1000	48	2.5	3.7	<1		16	18		<1	<0.5	10
MW-503B	µg/L	7/1/04	5900	160	37	89	42	<0.5	<5	<100	42	3J	4J	<5			3J		<5	<5	<5
MW-503B	µg/L	10/5/05	5400	1100	<20	73	38	<20	<20	<200	<200	<20	<20	<20		<20	<20		<20	<10	<10
MW-503B	µg/L	2/14/06	5450	331	<50	12	<250	<250	<10	<100	<50	<50	<50	<50		<50	<50		<50	<50	<50
MW-503B	µg/L	8/4/06	4700	31	<2	3.5	2.1	2	7.6	<50	<5	<2	<2	<2		3.1	7.2		<2	<2	5.8
MW-503B	µg/L	11/10/06	3500	26	<4	4.7	<4	<4	<10	<100	<10	<4	<4	<4		<4	4.9		<4	<4	<10
MW-503B	µg/L	2/9/07	1600	59	<2	<2	<2	<2	<5	<50	<5	<2	<2	<2		2.2	11		<2	<2	5.4
MW-503B	µg/L	5/11/07	1800	60	0.58	2.1	1	<2	1.3	<50	1.5	<2	0.61	<2		2.6	17		0.63	0.47	7.4
MW-503B	µg/L	8/10/07	1800	80	0.62	1.7	1.1	<2	<5	<50	<5	0.23	0.44	<2		2	19		0.48	0.64	7.6
MW-503B	µg/L	11/8/07	2400	270	3.6	3.7	4.7	<1.2	2.8	<20	11	<0.92	<1	<1.3		<1.1	15		<1.1	<1.1	7
MW-503B	µg/L	2/11/08	2700	220	3.1	3.4	3.5	<8	3.4	<200	18	<8	<8	<8		1.4	21		<8	<8	6.3
MW-503B	µg/L	1/21/09	6200	410	14	39	28	<10	<25	<250	36	<10	<10	<10		<10	<10		<10	<10	25
MW-503B	µg/L	4/27/09	4000	210	11	24	18	2.9	2.2	<50	29	0.53	2.9	<2		<2	4.8		<2	1.2	25
MW-503B	µg/L	3/8/10	2800	40	1.4	1.7		<0.50	2.9	<10	<1.0	<1.0	<1.0	<1.0		<1.0	<1.0		<1.0	<0.50	6.7
MW-503B	µg/L	5/17/10	2900	91	1.0	1.2		<0.50	5.1	<10	1.4	<1.0	<1.0	<1.0		<1.0	<1.0		<1.0	1.6	5.7
MW-503B	µg/L	8/9/10	3700	270	5.3	2.4		0.65	<1.0	<10	3.4	<1.0	1.3	<1.0		<1.0	<1.0		<1.0	3.8	5.4
MW-503B	µg/L	11/8/10	8000	690	320	180	580	170	8.2	<10	97	370	140	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.50	5.9
MW-503B	µg/L	11/8/10	12000	940	440	250	800	230	9.6	<10	250	450	170	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	2.7	6.1
MW-503B	µg/L	2/4/11	57000	1400	7700	2900	15000	5900	<1.0	<10	5200	15000	4400	<1.0	<1.0	<1.0	2.7	<1.0	<1.0	4.8	<1.0

Table III
Summary of Total Petroleum Hydrocarbon (TPH) and VOC Results
Former CENCO Refinery
Santa Fe Springs, CA

Location	Unit	Date	TPH-g	B	T	E	m/p-X	o-X	MTBE	TBA	NAP	1,2,4-TMB	1,3,5-TMB	PCE	TCE	t1,2-DCE	c1,2-DCE	1,1-DCE	1,1-DCA	1,2-DCA	VC
MW-503B	µg/L	4/15/11	41000	3400	3200	1800	7200	2600	9.1	63	370	2100	640	<1.0	<1.0	<1.0	1.4	<1.0	<1.0	<0.50	8.0
MW-503B	µg/L	4/15/11	39000	2200	2500	1400	5200	2000	9.0	64	260	1800	620	<1.0	<1.0	<1.0	1.5	<1.0	<1.0	<0.50	6.9
MW-503B	µg/L	8/29/11	13000	590	270	440	1300	670	4.4	<10	200	470	150	<1.0	<1.0	<1.0	2.7	<1.0	<1.0	<0.50	1.1
MW-504	µg/L	12/1/93		11000	1300	1800															
MW-504	µg/L	6/1/94		8600	2100	<500															
MW-504	µg/L	12/1/94		5800	700	840															
MW-504	µg/L	3/1/95		5200	1100	1200															
MW-504	µg/L	9/1/95		8000	1300	2200															
MW-504	µg/L	12/13/95	99000	2700	730	800											14		13		
MW-504	µg/L	8/1/96	80000	3400	1400	960			370					<1		0.46	20		4	20	1.1
MW-504	µg/L	12/18/96	33000	6000	2800	1000			<50		2300	5000	2100	<250		<250	<250		<250	<250	<500
MW-504	µg/L	1/21/98	30000	4600	940	750			<250		360	800	340	<250		<250	<250		<250	<250	<500
MW-504	µg/L	8/20/98	NS	NS	NS	NS			NS		NS	NS	NS	NS		NS	NS		NS	NS	NS
MW-504	µg/L	1/28/99	NS	NS	NS	NS			NS		NS	NS	NS	NS		NS	NS		NS	NS	NS
MW-504	µg/L	7/19/99	NS	NS	NS	NS			NS		NS	NS	NS	NS		NS	NS		NS	NS	NS
MW-504	µg/L	1/10/00	NS	NS	NS	NS			NS		NS	NS	NS	NS		NS	NS		NS	NS	NS
MW-504	µg/L	7/31/00	NS	NS	NS	NS			NS		NS	NS	NS	NS		NS	NS		NS	NS	NS
MW-504	µg/L	2/6/01	NS	NS	NS	NS			NS		NS	NS	NS	NS		NS	NS		NS	NS	NS
MW-504	µg/L	7/24/01	NS	NS	NS	NS			NS		NS	NS	NS	NS		NS	NS		NS	NS	NS
MW-504	µg/L	5/6/02	NS	NS	NS	NS			NS	NS	NS	NS	NS	NS		NS	NS		NS	NS	NS
MW-504	µg/L	9/23/02	NS	NS	NS	NS			NS	NS	NS	NS	NS	NS		NS	NS		NS	NS	NS
MW-504	µg/L	2/16/06	18000	675	76	262	391	120	13	<100	82	152	106	<50		<50	<50		<50	<50	<50
MW-504	µg/L	8/3/06	10000	1500	51	150	360	130	9.3	<50	54	98	90	<2		<2	2		<2	3.9	<5
MW-504	µg/L	11/10/06	6200	1000	<40	130	220	<40	<100	<1000	<100	49	98	<40		<40	<40		<40	<40	<100
MW-504	µg/L	2/9/07	6100	140	<2	13	120	8.5	<5	98	49	38	64	<2		<2	<2		<2	<2	<5
MW-504	µg/L	5/11/07	13000	1500	7.2	230	390	11	<100	<1000	80	130	110	<40		<40	<40		<40	<40	<100
MW-504	µg/L	8/10/07	7100	1200	6.6	130	340	6.8	5.1	<500	54	95	89	<20		<20	<20		<20	<20	<50
MW-504	µg/L	11/8/07	4700	960	7.5	120	260	7	4.9	<49	27	85	100	<3.2		<2.7	<3.2		<2.7	<2.8	<3
MW-504	µg/L	2/8/08	6200	760	7.5	110	230	16	6.4	110	84	89	110	<20		<20	<20		<20	3.9	<50
MW-600	µg/L	8/1/90	380000																		
MW-600	µg/L	2/20/91	50.2	18000	9200	1300															
MW-600	µg/L	12/13/95	3500000	23000	40000	18000															
MW-600	µg/L	8/1/96	210000	14000	15000	3500			<10					<1		<1	3.8		0.36	5.5	<1
MW-600	µg/L	12/19/96	87000	14000	15000	1800			<10		<500	1800	580	<500		<500	<500		<500	<500	<1000
MW-600	µg/L	1/22/98	NS	NS	NS	NS			NS		NS	NS	NS	NS		NS	NS		NS	NS	NS
MW-600	µg/L	8/20/98	NS	NS	NS	NS			NS		NS	NS	NS	NS		NS	NS		NS	NS	NS
MW-600	µg/L	1/28/99	NS	NS	NS	NS			NS		NS	NS	NS	NS		NS	NS		NS	NS	NS
MW-600A	µg/L	7/19/99	NS	NS	NS	NS			NS		NS	NS	NS	NS		NS	NS		NS	NS	NS
MW-600A	µg/L	1/10/00	NS	NS	NS	NS			NS		NS	NS	NS	NS		NS	NS		NS	NS	NS
MW-600A	µg/L	7/31/00	NS	NS	NS	NS			NS		NS	NS	NS	NS		NS	NS		NS	NS	NS

Table III
Summary of Total Petroleum Hydrocarbon (TPH) and VOC Results
Former CENCO Refinery
Santa Fe Springs, CA

Location	Unit	Date	TPH-g	B	T	E	m/p-X	o-X	MTBE	TBA	NAP	1,2,4-TMB	1,3,5-TMB	PCE	TCE	t1,2-DCE	c1,2-DCE	1,1-DCE	1,1-DCA	1,2-DCA	VC
MW-600A	µg/L	2/6/01	NS	NS	NS	NS			NS		NS	NS	NS	NS		NS	NS		NS	NS	NS
MW-600A	µg/L	7/24/01	NS	NS	NS	NS			NS		NS	NS	NS	NS		NS	NS		NS	NS	NS
MW-600A	µg/L	5/6/02	NS	NS	NS	NS			NS	NS	NS	NS	NS	NS		NS	NS		NS	NS	NS
MW-600A	µg/L	9/23/02	NS	NS	NS	NS			NS	NS	NS	NS	NS	NS		NS	NS		NS	NS	NS
MW-601	µg/L	8/1/90	360000																		
MW-601	µg/L	2/20/91	24	12000	4900	1900															
MW-601	µg/L	12/13/95	3500000	18000	17000	130000															
MW-601	µg/L	8/1/96	250000	12000	1400	4600			<10					<1		<1	4.4		1.4	2.9	1.9
MW-601	µg/L	12/19/96	70000	10000	<500	1600			<10		<500	1100	<500	<500		<500	<500		<500	<500	<1000
MW-601	µg/L	1/22/98	NS	NS	NS	NS			NS		NS	NS	NS	NS		NS	NS		NS	NS	NS
MW-601	µg/L	8/20/98	NS	NS	NS	NS			NS		NS	NS	NS	NS		NS	NS		NS	NS	NS
MW-601	µg/L	1/28/99	NS	NS	NS	NS			NS		NS	NS	NS	NS		NS	NS		NS	NS	NS
MW-601A	µg/L	7/19/99	42000	18000	<5000	<5000			11000		<50000	<5000	<5000	<5000		<5000	<5000		<5000	<2500	<25000
MW-601A	µg/L	1/13/00	48000	22000	<1000	<1000			22000		<10000	<1000	<1000	<1000		<1000	<1000		<500	<1000	<500
MW-601A	µg/L	8/3/00	34000	21000	<200	<200			5600		69	<200	<200	<200		<200	<200		<200	<100	<100
MW-601A	µg/L	2/7/01	35000	16000	63	97			1200		<500	<50	<50	<50		<50	<50		<50	<25	<25
MW-601A	µg/L	7/24/01	31000	15000	<100	110			2800		<100	<100	<100	<100		<100	<100		<100	<50	<50
MW-601A	µg/L	5/9/02	28000	12000	<100	<100			3500	NS	<1000	<100	<100	<100		<100	<100		<100	<50	<50
MW-601A	µg/L	9/26/02	11000	8000	<100	590			4000	NS	<1000	<100	<100	<100		<100	<100		<100	<50	<50
MW-603	µg/L	12/1/95	<500	0.98	1.4	0.62															
MW-603	µg/L	7/30/96	<100	0.6	<0.5	1.4			2					53		<0.3	6.4		3.9	9.5	0.45
MW-603	µg/L	12/16/96	<100	<5	<5	<5			<2		<5	<5	<5	37		<5	<5		<5	<5	<10
MW-603	µg/L	1/22/98	<100	<5	<5	<5			<5		<10	<5	<5	59		<5	9		5	<5	<10
MW-603	µg/L	8/19/98	<100	<5	<5	<5					<10	<5	<5	13		<5	<5		<5	29	<10
MW-603	µg/L	1/27/99	<100	<5	<5	<5			<5		<10	<5	<5	25		<5	5.3		<5	39	<10
MW-603	µg/L	7/19/99	<500	<0.5	<1	<1			<1		<10	<1	<1	37		<1	7.4		3	40	<0.5
MW-603	µg/L	1/11/00	<500	<0.5	<1	<1			<1		<1	<1	<1	56		<1	6.4		3.6	16	<0.5
MW-603	µg/L	7/31/00	<500	<0.5	<1	<1			<1		<1	<1	<1	95		<1	9.3		6.7	7.2	0.71
MW-603	µg/L	2/7/01	<500	<0.5	<1	<1			<1		<1	<1	<1	89		2.8	11		8.5	2.7	0.96
MW-603	µg/L	7/24/01	190	<0.5	<1	<1			<1		<1	<1	<1	110		8.3	15		10	2.9	<0.5
MW-603	µg/L	5/7/02	210	<1	<2	<2			<2	<2000	<20	<2	<2	170		3.4	9.6		7	<1	<1
MW-603	µg/L	9/24/02	<100	<1	<2	<2			<2	<2000	<20	<2	<2	210		5.3	14		11	3.2	1.6
MW-603	µg/L	7/1/04	<200	<5	0.3J	<0.5	<0.5	<0.5	<5	<100	2J	<5	<5	120		3J	12		5.7	3J	<5
MW-603	µg/L	10/6/05	150	0.82	<1	<1	<1	<1	<1	<10	<10	<1	<1	160		7.3	22		8	12	1.6
MW-603	µg/L	2/14/06	245	<1	<5	<5	<5	<5	1.7	18	<5	<5	<5	103		3.5	17		6	28	<5
MW-603	µg/L	8/1/06	190	<2	<2	<2	<2	<2	<5	<50	<5	<2	<2	150		3.7	22		7.1	8	<5
MW-603	µg/L	11/7/06	150	<2	<2	<2	<2	<2	<5	<50	<5	<2	<2	170		3.3	21		6.3	14	<5
MW-603	µg/L	2/6/07	120	<2	<2	<2	<2	<2	<5	<50	<5	<2	<2	140		2.7	19		6	17	<5
MW-603	µg/L	8/7/07	<110	0.28	<2	<2	<2	<2	<5	<50	<5	<2	<2	140		2.6	17		5.5	6.4	0.79
MW-603	µg/L	11/5/07	120	0.31	<0.36	<0.25	<0.6	<0.3	<0.32	<4.9	<0.41	<0.23	<0.26	120		2.6	16		5	3.8	1.2

Table III
Summary of Total Petroleum Hydrocarbon (TPH) and VOC Results
Former CENCO Refinery
Santa Fe Springs, CA

Location	Unit	Date	TPH-g	B	T	E	m/p-X	o-X	MTBE	TBA	NAP	1,2,4-TMB	1,3,5-TMB	PCE	TCE	t1,2-DCE	c1,2-DCE	1,1-DCE	1,1-DCA	1,2-DCA	VC
MW-603	µg/L	2/4/08	120	<2	<2	<2	<2	<2	<5	<1	<5	<2	<2	110		2.5	15		3.9	2.2	<5
MW-603	µg/L	1/13/09	75	<2	<2	<2	<2	<2	<5	<50	<5	<2	<2	74		2.8	17		4.4	5.6	<5
MW-603	µg/L	4/21/09	59	<2	<2	<2	<2	<2	<5	<50	<5	<2	<2	90		2.4	17		3.8	2	0.99
MW-604	µg/L	12/20/95	1900	160	3.3	7.8															
MW-604	µg/L	7/30/96	900	73	7.8	<0.5			12.4					<0.3		<0.3	0.98		1.7	1.1	<0.3
MW-604	µg/L	12/17/96	710	47	<2	<2			<2		<2	<2	<2	<2		<2	<2		<2	<2	<4
MW-604	µg/L	1/22/98	410	7	<5	<5			<5		<10	<5	<5	<5		<5	<5		<5	<5	<10
MW-604	µg/L	8/19/98	370	<5	<5	<5					<10	<5	<5	<5		<5	<5		<5	<5	<10
MW-604	µg/L	1/27/99	230	25	<5	<5			<5		<10	<5	<5	<5		<5	<5		<5	<5	<10
MW-604	µg/L	7/19/99	500	14	<1	<1			<1		<10	<1	<1	<1		<1	4.2		<1	<0.5	<0.5
MW-604	µg/L	1/11/00	750	21	<1	<1			<1		<10	<1	<1	<1		<1	3.9		<1	0.99	<0.5
MW-604	µg/L	8/3/00	560	100	<1	<1			30		<10	<1	<1	<1		<1	8.7		<1	<0.5	
MW-604	µg/L	2/7/01	1100	110	<5	<5			31		<50	<5	<5	<5		<5	<5		<5	<2.5	6.8
MW-604	µg/L	7/24/01	1100	67	<1	<1			34		<10	<1	<1	<1		<1	<5		<1	<5	<0.5
MW-604	µg/L	5/8/02	1400	57	<1	<1			48	NS	<10	<1	<1	<1		<1	<1		<1	<5	5.3
MW-604	µg/L	9/25/02	970	36	<1	<1			84	NS	<10	<1	1.3	<1		<1	<1		<1	<5	4.8
MW-604	µg/L	11/8/06	330	7.2	<2	<2	<2	<2	15	65	<5	<2	<2	<2		<2	<2		<2	<2	<5
MW-604	µg/L	2/7/07	540	9.8	<2	<2	<2	<2	20	60	<5	<2	<2	<2		<2	<2		<2	<2	<5
MW-604	µg/L	5/8/07	480	4.4	0.38	<2	0.81	0.48	18	57	<5	0.48	0.26	<2		<2	<2		<2	<2	0.87
MW-604	µg/L	8/7/07	290	1.3	<2	<2	0.74	0.46	18	44	<5	0.23	<2	<2		<2	<2		<2	<2	<5
MW-604	µg/L	11/5/07	500	1.2	0.36	<0.25	0.85	0.49	23	50	0.55	0.41	<0.26	<0.32		<0.27	<0.32		<0.27	<0.28	0.69
MW-605	µg/L	12/20/95	<1000	10	<0.5	<0.5															
MW-605	µg/L	7/31/96	<100	<0.5	<0.5	<0.5			<20					13		<0.3	<0.3		1.2	<0.3	<0.3
MW-605	µg/L	12/16/96	<100	<1	<1	<1			<2		<1	<1	<1	11		<1	<1		<1	<1	<2
MW-605	µg/L	1/22/98	<100	<5	<5	<5			<5		<10	<5	<5	14		<5	<5		<5	<5	<10
MW-605	µg/L	8/19/98	<100	<5	<5	<5					<10	<5	<5	<5		<5	<5		<5	<5	<10
MW-605	µg/L	1/28/99	<100	<5	<5	<5			<5		<10	<5	<5	<5		<5	<5		<5	<5	<10
MW-605	µg/L	7/19/99	<500	<0.5	<1	<1			<1		<10	<1	<1	1.6		3.2	<1		<1	<0.5	<0.5
MW-605	µg/L	1/11/00	<600	<0.5	<1	<1			<1		<10	<1	<1	7		<1	<1		1	<0.5	<0.5
MW-605	µg/L	8/2/00	<700	<0.5	<1	<1			<1		<10	<1	<1	22		<1	<1		1.6	<0.5	<10
MW-605	µg/L	2/7/01	<800	<0.5	<1	<1			<1		<10	<1	<1	7.1		<1	<1		<1	<0.5	<0.5
MW-605	µg/L	7/24/01	<100	<0.5	<1	<1			<1		<10	<1	<1	26		<1	<1		<1	<0.5	<0.5
MW-605	µg/L	5/7/02	<200	<0.5	<1	<1			<1	<1000	<10	<1	<1	19		<1	<1		<1	<0.5	<0.5
MW-605	µg/L	9/24/02	<300	<0.5	<1	<1			<1	<1000	<10	<1	<1	13		<1	<1		<1	<0.5	<0.5
MW-605	µg/L	6/30/04	<200	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<100	<5	<5	<5	5J		<5	<5		<5	<5	<5
MW-605	µg/L	10/5/05	<100	<0.5	<1	<1	<1	<1	<1	<10	<10	<1	<1	4.5		<1	<1		<1	<0.5	<0.5
MW-605	µg/L	10/5/05	<100	<0.5	<1	<1	<1	<1	<1	<10	<10	<1	<1	4.3		<1	<1		<1	<0.5	<0.5
MW-605	µg/L	2/14/06	53	<1	<5	<5	<5	<5	<1	<10	<5	<5	<5	5.3		<5	<5		<5	<5	<5
MW-605	µg/L	2/14/06	<50	<1	<5	<5	<5	<5	<1	<10	<5	<5	<5	4.2		<5	<5		<5	<5	<5
MW-605	µg/L	8/1/06	<50	<2	<2	<2	<2	<2	<5	<50	<5	<2	<2	8.5		<2	<2		<2	<2	<5
MW-605	µg/L	8/1/06	<50	<2	<2	<2	<2	<2	<5	<50	<5	<2	<2	9.2		<2	<2		<2	<2	<5

Table III
Summary of Total Petroleum Hydrocarbon (TPH) and VOC Results
Former CENCO Refinery
Santa Fe Springs, CA

Location	Unit	Date	TPH-g	B	T	E	m/p-X	o-X	MTBE	TBA	NAP	1,2,4-TMB	1,3,5-TMB	PCE	TCE	t1,2-DCE	c1,2-DCE	1,1-DCE	1,1-DCA	1,2-DCA	VC
MW-605	µg/L	11/7/06	<50	<2	<2	<2	<2	<2	<5	<50	<5	<2	<2	20		<2	<2		<2	<2	<5
MW-605	µg/L	11/7/06	<50	<2	<2	<2	<2	<2	<5	<50	<5	<2	<2	21		<2	<2		<2	<2	<5
MW-605	µg/L	2/6/07	<50	<2	<2	<2	<2	<2	<5	<50	<5	<2	<2	35		<2	<2		<2	<2	<5
MW-605	µg/L	5/8/07	35	<2	<2	<2	<2	<2	<5	<50	<5	<2	<2	40		<2	1.6		0.68	<2	<5
MW-605	µg/L	5/8/07	38	<2	<2	<2	<2	<2	<5	<50	<5	<2	<2	45		<2	1.6		0.74	<2	<5
MW-605	µg/L	8/7/07	30	<2	<2	<2	<2	<2	<5	<50	<5	<2	<2	37		<2	1.2		0.77	<2	<5
MW-605	µg/L	11/5/07	<30	<0.28	<0.36	<0.25	<0.6	<0.3	<0.32	<4.9	<0.41	<0.23	<0.26	20		<0.27	0.84		0.53	<0.28	<0.3
MW-605	µg/L	2/4/08	<50	<2	<2	<2	<2	<2	<5	<50	<5	<2	<2	20		<2	1.1		0.62	<2	<5
MW-605	µg/L	2/4/08	<50	<2	<2	<2	<2	<2	<5	<50	<5	<2	<2	21		<2	1.1		0.67	<2	<5
MW-606	µg/L	12/19/95	<500	<0.5	<0.5	<0.5															
MW-606	µg/L	7/31/96	<100	<0.5	<0.5	<0.5			<20					<0.3		<0.3	<0.3		<0.3	0.96	<0.3
MW-606	µg/L	12/16/96	<100	<1	<1	<1			<2		<1	<1	<1	<1		<1	<1		<1	<1	<2
MW-606	µg/L	1/22/98	<100	<5	<5	<5			<5		<10	<5	<5	<5		<5	<5		<5	<5	<10
MW-606	µg/L	8/19/98	170	<5	<5	<5					<10	<5	<5	<5		<5	<5		<5	<5	<10
MW-606	µg/L	1/28/99	<100	<5	<5	<5			<5		<10	<5	<5	<5		<5	<5		<5	<5	<10
MW-606	µg/L	7/19/99	<500	<0.5	<1	<1			<1		<10	<1	<1	<1		<1	<1		<1	<0.5	<0.5
MW-606	µg/L	1/11/00	<500	<0.5	<1	<1			1.2		<10	<1	<1	<1		<1	<1		<1	<0.5	<0.5
MW-606	µg/L	8/2/00	<500	<0.5	<1	<1					<10	<1	<1	<1		<1	<1		<1	<0.5	<0.5
MW-606	µg/L	2/7/01	<500	<0.5	<1	<1			<1		<10	<1	<1	<1		<1	<1		<1	<0.5	<0.5
MW-606	µg/L	7/24/01	<100	<0.5	<1	<1					<10	<1	<1	<1		<1	<1		<1	<0.5	<0.5
MW-606	µg/L	5/7/02	<100	<0.5	<1	<1			<100	<1000	<10	<1	<1	<1		<1	<1		<1	<0.5	<0.5
MW-606	µg/L	9/24/02	<100	<0.5	<1	<1			<100	<1000	<10	<1	<1	<1		<1	<1		<1	<0.5	<0.5
MW-606	µg/L	6/30/04	<200	<0.5	<0.5	<0.5	<0.5	<0.5	3J	<100	<5	<5	<5	<5		<5	<5		<5	<5	<5
MW-606	µg/L	10/5/05	240	5.6	<1	<1	<1	<1	4.8	42	<10	<1	<1	<1		<1	<1		<1	<0.5	3.2
MW-606	µg/L	2/14/06	<50	<1	<5	<5	<5	<5	<1	<10	<5	<5	<5	<5		<5	<5		<5	<5	<5
MW-606	µg/L	8/1/06	<50	<2	<2	<2	<2	<2	<5	<50	<5	<2	<2	<2		<2	<2		<2	<2	<5
MW-606	µg/L	11/7/06	<50	<2	<2	<2	<2	<2	<5	<50	<5	<2	<2	<2		<2	<2		<2	<2	<5
MW-606	µg/L	2/6/07	<50	<2	<2	<2	<2	<2	<5	<50	<5	<2	<2	<2		<2	<2		<2	<2	<5
MW-606	µg/L	5/8/07	<50	<2	<2	<2	<2	<2	<5	<50	<5	<2	<2	<2		<2	<2		<2	<2	<5
MW-606	µg/L	8/7/07	<50	<2	<2	<2	<2	<2	0.9	<50	<5	<2	<2	<2		<2	<2		<2	<2	<5
MW-606	µg/L	11/5/07	<30	<0.28	<0.36	<0.25	<0.6	<0.3	0.32	<4.9	<0.41	<0.23	<0.26	<0.32		<0.27	<0.32		<0.27	<0.28	<0.3
MW-606	µg/L	2/4/08	<50	<2	<2	<2	<2	<2	<5	<50	<5	<2	<2	<2		<2	<2		<2	<2	<5
MW-606	µg/L	1/13/09	<50	<2	<2	<2	<2	<2	<5	<50	<5	<2	<2	<2		<2	<2		<2	<2	<5
MW-606	µg/L	4/21/09	<50	<2	<2	<2	<2	<2	<5	<50	<5	<2	<2	<2		<2	<2		<2	<2	<5
MW-607	µg/L	12/19/95	1200	33	35	1.7															
MW-607	µg/L	7/31/96	900	19	5	2.8			12					<0.3		<0.3	<0.3		0.68	<0.3	1.1
MW-607	µg/L	12/17/96	1000	21	<1	<1			<2		2	<1	1.7	<1		<1	<1		<1	<1	<2
MW-607	µg/L	1/22/98	1200	220	<25	<25			400		<50	<25	<25	<25		<25	<25		<25	220	<50
MW-607	µg/L	8/19/98	260	17	<5	<5			12		<10	<5	<5	<5		<5	<5		<5	<5	<10
MW-607	µg/L	1/27/99	1760	220	<5	<5			6.2		<10	<5	<5	<5		<5	<5		<5	<5	<10
MW-607	µg/L	7/19/99	1200	260	<5	<5			<5		<50	<5	<5	<5		<5	<5		<5	<2.5	<2.5

Table III
Summary of Total Petroleum Hydrocarbon (TPH) and VOC Results
Former CENCO Refinery
Santa Fe Springs, CA

Location	Unit	Date	TPH-g	B	T	E	m/p-X	o-X	MTBE	TBA	NAP	1,2,4-TMB	1,3,5-TMB	PCE	TCE	t1,2-DCE	c1,2-DCE	1,1-DCE	1,1-DCA	1,2-DCA	VC
MW-607	µg/L	1/11/00	1200	170	<2	<2			4.5		<20	<2	<2	<2		<2	<2		<2	<1	<1
MW-607	µg/L	7/31/00	540	110	<2	<2			6.2		<10	<2	<2	<2		<2	<2		<2	<1	1.1
MW-607	µg/L	2/7/01	50	12	<1	<1			<1		<10	<1	<1	<1		<1	1.1		<1	<0.5	0.55
MW-607	µg/L	7/24/01	590	13	<1	<1			<1		<10	<1	<1	<1		<1	1.4		<1	<0.5	<0.5
MW-607	µg/L	5/7/02	490	5.4	<1	<1			<1	91000	<10	<1	<3	<1		<1	1.7		<1	<0.5	<0.5
MW-607	µg/L	9/24/02	110	<0.5	<1	<1			4.2	76000	<10	<1	<3	<1		<1	2		<1	<0.5	<0.5
MW-607	µg/L	6/30/04	540	10	<0.5	<0.5	1.4	<0.5	4J	50J	<5	<5	3J	<5		<5	<5		<5	<5	3J
MW-607	µg/L	10/5/05	760	1.2	<1	<1	<1	<1	1.7	74	<10	<1	<1	<1		<1	<1		<1	<0.5	1.2
MW-607	µg/L	2/14/06	373	<1	<5	<5	<5	<5	2.1	57	<5	<5	<5	<5		<5	<5		<5	<5	1
MW-607	µg/L	8/1/06	350	<2	<2	<2	<2	<2	<5	120	<5	<2	<2	<2		<2	<2		<2	<2	<5
MW-607	µg/L	11/7/06	210	<2	<2	<2	<2	<2	<5	77	<5	<2	<2	<2		<2	<2		<2	<2	<5
MW-607	µg/L	2/6/07	590	<2	<2	<2	<2	<2	<5	130	<5	<2	<2	<2		<2	<2		<2	<2	<5
MW-607	µg/L	5/8/07	330	<2	<2	<2	<2	<2	2.3	110	<5	<2	<2	<2		<2	<2		<2	<2	<5
MW-607	µg/L	8/7/07	320	0.5	<2	<2	<2	<2	4	120	<5	<2	<2	<2		<2	<2		0.33	0.53	1.2
MW-607	µg/L	11/5/07	440	0.5	<0.36	<0.25	<0.6	<0.3	3.1	140	<0.41	<0.23	<0.26	<0.32		<0.27	<0.32		0.29	0.38	0.99
MW-607	µg/L	2/4/08	790	<2	<2	<2	<2	<2	5.6	230	2.8	0.45	<2	<2		<2	<2		0.4	0.53	1.3
MW-701	µg/L	2/4/11	190	<0.50	<0.50	<0.50	<1.0	<0.50	<1.0	<10	<1.0	<1.0	<1.0	<1.0	4.3	1.6	9.5	1.7	<1.0	<0.50	<1.0
MW-701	µg/L	4/11/11	230	1.1	<0.50	<0.50	<1.0	<0.50	<1.0	<10	<1.0	<1.0	<1.0	<1.0	14	2.3	14	3.8	1.0	<0.50	6.0
MW-701	µg/L	8/30/11	190	2.5	<0.50	<0.50	<1.0	<0.50	<1.0	19	<1.0	<1.0	<1.0	<1.0	14	2.3	9.0	3.4	<1.0	<0.50	5.2
MW-701	µg/L	8/30/11	290	2.7	<0.50	<0.50	<1.0	<0.50	<1.0	29	<1.0	<1.0	<1.0	<1.0	11	2.0	7.7	2.8	<1.0	<0.50	4.0
MW-702	µg/L	2/4/11	2300	91	0.74	0.92	<1.0	<0.50	<1.0	<10	5.2	<1.0	1.5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.50	<1.0
MW-702	µg/L	4/12/11	910	6.3	<0.50	<0.50	<1.0	<0.50	<1.0	32	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	2.0	<1.0	1.3	<0.50	1.1
MW-702	µg/L	8/30/11	260	15	<0.50	<0.50	<1.0	<0.50	<1.0	59	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	2.9	<1.0	<1.0	<0.50	1.1
MW-703	µg/L	2/4/11	1300	33	1.3	5.2	2.8	<0.50	<1.0	<10	1.6	1.8	<1.0	<1.0	2.0	<1.0	18	3.6	<1.0	<0.50	<1.0
MW-703	µg/L	4/12/11	1100	76	1.4	7.8	4.8	<0.50	1.4	<10	<1.0	2.7	<1.0	<1.0	2.6	<1.0	10	1.7	<1.0	<0.50	<1.0
MW-703	µg/L	8/30/11	2100	170	3.4	20	8.5	<0.50	3.3	50	<1.0	2.4	1.1	<1.0	1.1	<1.0	8.7	<1.0	<1.0	<0.50	1.3
MW-704	µg/L	2/9/11	27000	1800	2000	610	3600	680	210	<10	120	1200	520	<1.0	2.3	<1.0	2.5	<1.0	1.2	38	<1.0
MW-704	µg/L	2/9/11	26000	1900	2400	620	3700	720	430	<10	96	1300	550	<1.0	<1.0	<1.0	2.5	<1.0	1.3	40	<1.0
MW-704	µg/L	4/13/11	5400	170	110	200	190	68	73	<10	38	<1.0	<1.0	<1.0	<1.0	<1.0	5.6	<1.0	6.0	7.0	2.0
MW-704	µg/L	8/31/11	11000	570	600	300	540	180	180	160	58	410	170	<1.0	<1.0	<1.0	3.8	<1.0	3.5	25	1.5
MW-705	µg/L	2/4/11	3100	450	3.5	5.1	6.4	0.54	90	94	6.7	<1.0	1.3	<1.0	<1.0	<1.0	2.0	<1.0	<1.0	<0.50	<1.0
MW-705	µg/L	4/12/11	930	55	0.87	1.7	1.6	<0.50	22	31	<1.0	1.3	<1.0	<1.0	<1.0	<1.0	3.8	<1.0	<1.0	<0.50	<1.0
MW-705	µg/L	8/31/11	1300	79	1.4	3.3	2.3	<0.50	13	66	<1.0	1.9	1.3	<1.0	<1.0	<1.0	4.2	<1.0	<1.0	0.56	1.2
MW-706	µg/L	2/4/11	390	4.9	0.57	<0.50	<1.0	<0.50	4.0	<10	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	3.6	<1.0	<1.0	<0.50	<1.0
MW-706	µg/L	4/11/11	540	9.0	<0.50	<0.50	<1.0	<0.50	5.9	89	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	6.0	<1.0	<1.0	<0.50	2.6
MW-706	µg/L	8/31/11	1100	25	0.86	0.65	1.9	<0.50	5.4	54	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	4.3	<1.0	<1.0	<0.50	1.9

Table III
Summary of Total Petroleum Hydrocarbon (TPH) and VOC Results
Former CENCO Refinery
Santa Fe Springs, CA

Location	Unit	Date	TPH-g	B	T	E	m/p-X	o-X	MTBE	TBA	NAP	1,2,4-TMB	1,3,5-TMB	PCE	TCE	t1,2-DCE	c1,2-DCE	1,1-DCE	1,1-DCA	1,2-DCA	VC
MW-707	µg/L	2/4/11	2000	520	120	7.6	120	150	15	<10	<1.0	10	7.8	4.1	8.7	<1.0	7.0	6.9	<1.0	2.7	<1.0
MW-707	µg/L	4/8/11	7000	1000	560	180	670	310	15	<10	26	74	27	<1.0	3.2	<1.0	8.7	1.6	<1.0	4.0	<1.0
MW-707	µg/L	9/1/11	2200	1200	95	92	1500	170	17	46	87	160	35	<1.0	<1.0	<1.0	6.6	<1.0	<1.0	<0.50	4.6
MW-708	µg/L	2/4/11	530000	1400	420	3000	8100	13	330	<10	370	2200	92	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.50	<1.0
MW-708	µg/L	9/1/11	38000	1900	230	1200	2200	54	2300	2500	150	440	430	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.50	<1.0
MW-709	µg/L	2/4/11	500	16	1.0	<0.50	4.8	1.1	2.8	<10	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.50	<1.0
MW-709	µg/L	4/6/11	580	26	0.86	0.89	4.1	0.72	4.6	<10	2.7	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.50	<1.0
MW-709	µg/L	9/1/11	9900	1.1	<0.50	0.91	4.6	1.2	7.6	60	<1.0	2.4	1.2	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.50	<1.0
MW-710	µg/L	2/8/11	93	0.84	<0.50	<0.50	<1.0	<0.50	<1.0	<10	<1.0	<1.0	<1.0	55	93	2.9	14	41	3.1	0.81	1.3
MW-710	µg/L	2/8/11	110	0.75	<0.50	<0.50	<1.0	<0.50	<1.0	<10	<1.0	<1.0	<1.0	54	89	2.9	14	41	3.1	<0.50	1.2
MW-710	µg/L	4/7/11	<50	0.81	<0.50	<0.50	<1.0	<0.50	<1.0	<10	<1.0	<1.0	<1.0	76	72	4.1	19	56	4.9	1.5	2.0
MW-710	µg/L	4/7/11	100	0.84	<0.50	<0.50	<1.0	<0.50	<1.0	<10	1.0	<1.0	<1.0	82	92	4.0	18	54	4.7	1.5	1.9
MW-710	µg/L	9/2/11	380	<0.50	<0.50	<0.50	<1.0	<0.50	<1.0	<10	<1.0	<1.0	<1.0	76	97	2.0	17	50	4.3	1.2	1.1
MW-710	µg/L	9/2/11	100	<0.50	<0.50	<0.50	<1.0	<0.50	<1.0	58	<1.0	<1.0	<1.0	76	100	2.2	18	54	4.6	1.2	1.3
MW-711	µg/L	2/8/11	11000	520	440	120	380	250	11	<10	260	180	110	<1.0	8.4	<1.0	4.5	<1.0	<1.0	<0.50	7.5
MW-711	µg/L	4/6/11	7100	<0.50	<0.50	65	160	50	20	<10	420	52	36	<1.0	1.1	<1.0	2.6	<1.0	<1.0	<0.50	8.7
MW-711	µg/L	9/2/11	44000	1600	1800	650	3000	1100	25	<10	620	1800	550	<1.0	<1.0	1.3	3.8	<1.0	<1.0	<0.50	17
MW-712	µg/L	2/9/11	14000	1200	520	380	1800	390	23	<10	98	460	170	<1.0	<1.0	<1.0	2.6	<1.0	<1.0	<0.50	<1.0
MW-712	µg/L	4/7/11	94	860	140	270	1100	170	32	<10	140	580	220	<1.0	1.8	<1.0	3.4	<1.0	<1.0	0.64	2.2
MW-712	µg/L	9/2/11	6300	440	77	100	350	72	19	<10	43	180	76	<1.0	<1.0	<1.0	2.8	<1.0	<1.0	0.71	<1.0
MW-713	µg/L	2/9/11	280	29	<0.50	<0.50	1.7	<0.50	3.5	<10	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	2.2	<1.0	<1.0	<0.50	<1.0
MW-713	µg/L	4/8/11	1000	150	<0.50	0.91	1.6	<0.50	75	120	2.8	<1.0	<1.0	<1.0	<1.0	<1.0	5.4	<1.0	<1.0	<0.50	<1.0
MW-713	µg/L	9/2/11	310	73	3.0	1.7	7.8	3.6	71	100	11	7.0	1.6	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.50	<1.0
MW-714	µg/L	2/14/11	370	1.3	<0.50	<0.50	<1.0	<0.50	10	<10	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.50	<1.0
MW-714	µg/L	4/7/11	16000	16	4.0	2.1	11	1.9	16	<10	23	4.7	1.4	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.50	<1.0
MW-714	µg/L	9/2/11	500	3.8	<0.50	<0.50	1.1	<0.50	9.7	37	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.50	<1.0
MW-715	µg/L	2/14/11	2000	480	12	1.7	24	7.4	2.8	<10	<1.0	2.6	4.2	<1.0	<1.0	<1.0	1.5	<1.0	<1.0	<0.50	<1.0
MW-715	µg/L	4/8/11	1500	310	5.6	1.0	3.6	1.6	8.8	<10	3.8	<1.0	1.7	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.50	<1.0
MW-715	µg/L	9/2/11	5500	800	2.5	4.0	12	5.3	8.2	22	5.0	4.5	4.8	<1.0	<1.0	<1.0	1.5	<1.0	<1.0	0.56	1.9
MW-715	µg/L	9/2/11	1100	420	1.4	2.2	6.1	2.5	7.9	20	3.8	2.5	4.6	<1.0	<1.0	<1.0	1.5	<1.0	<1.0	0.53	1.2
W-1	µg/L	11/1/89		390	3.9	2.1								<0.5A		<0.5A			3.5A	<0.5A	21
W-1	µg/L	3/1/90		140	<5	<5								<5		<10			<5	<5	<20
W-1	µg/L	4/1/90		200	12	12								<5		<5	<25		1.6	<5	<5
W-1	µg/L	12/18/96	800	78	<5	<5			<10		10	<5	<5	<5		<5	<5		<5	<5	<10

Table III
Summary of Total Petroleum Hydrocarbon (TPH) and VOC Results
Former CENCO Refinery
Santa Fe Springs, CA

Location	Unit	Date	TPH-g	B	T	E	m/p-X	o-X	MTBE	TBA	NAP	1,2,4-TMB	1,3,5-TMB	PCE	TCE	t1,2-DCE	c1,2-DCE	1,1-DCE	1,1-DCA	1,2-DCA	VC
W-1	µg/L	1/14/98	1100	62	<5	<5			<5		<10	<5	<5	<5		<5	<5		<5	<5	16
W-1	µg/L	8/20/98	1200	79	<5	<5			14		<10	<5	<5	<5		<5	8.6		8.4	<5	26
W-1	µg/L	1/29/99	1400	57	<5	<5			<5		<10	<5	<5	<5		<5	<5		<5	<5	18
W-1	µg/L	7/19/99	1500	48	<2	<2			<2		<20	<2	<2	<2		<2	<2		<2	<1	<1
W-1	µg/L	8/3/00	880	29	<1	<1			10		<10	<1	<1	<1		<1	1.6		1.6	<0.5	7.3
W-1	µg/L	2/8/01	<500	21	<1	<1			68		<10	<1	<1	<1		<1	2.3		<1	<0.5	6.3
W-1	µg/L	7/26/01	620	18	<1	<1			62		<10	<1	<1	<1		<1	2.8		1.8	<0.5	6.8
W-1	µg/L	5/8/02	280	7.7	<1	<1			5.9	44000	<10	<1	<1	<1		<1	3.1		<1	<0.5	6.4
W-1	µg/L	9/25/02	210	12	<1	<1			1.9	30000	<10	<1	<1	<1		<1	6.5		<1	<0.5	14
W-1	µg/L	7/1/04	460	14	2.8	1.5	<0.5	<0.5	3J	<100	<5	<5	<5	<5		4J	9.3		1J	<5	2
W-1	µg/L	10/6/05	310	43	<1	<1	<1	<1	25	34	<10	<1	<1	<1		1.6	<1		<1	<0.5	7.1
W-1	µg/L	2/15/06	266	32	<5	<5	<5	<5	22	37	<5	<5	<5	<5		1.3	<5		<5	<5	3.3
W-1	µg/L	8/3/06	1100	86	<2	<2	<2	<2	77	100	<5	<2	<2	<2		<2	<2		<2	<2	<5
W-1	µg/L	11/9/06	470	100	<2	<2	<2	<2	65	78	<5	<2	<2	<2		<2	<2		<2	<2	<5
W-1	µg/L	2/8/07	500	77	<2	<2	<2	<2	21	<50	<5	<2	<2	<2		<2	<2		<2	<2	<5
W-1	µg/L	5/10/07	890	110	0.57	0.61	<2	0.32	28	43	1	<2	<2	<2		0.42	<2		<2	<2	1.8
W-1	µg/L	8/9/07	1100	140	0.84	0.84	<2	0.63	64	84	1.1	<2	<2	<2		0.47	<2		0.32	<2	1.9
W-1	µg/L	11/7/07	1200	140	1.6	1.2	0.68	0.91	56	80	1.6	0.38	2.1	<0.32		0.7	<0.32		<0.27	<0.28	1.2
W-1	µg/L	2/7/08	1000	96	<2	<2	<2	<2	31	51	<5	<2	<2	<2		<2	<2		<2	<2	<5
W-1	µg/L	1/20/09	230	15	<2	<2	<2	<2	3.1	23	<5	<2	<2	<2		0.87	<2		0.58	<2	2.8
W-1	µg/L	1/20/09	220	19	<2	<2	<2	<2	3.9	35	<5	<2	<2	<2		1.1	0.4		0.61	<2	3.7
W-1	µg/L	4/24/09	180	3.9	<2	<2	<2	<2	<5	26	<5	<2	<2	<2		1.4	<2		0.74	<2	9.5
W-1	µg/L	3/5/10	270	3.3	<0.50	<0.50		<0.50	<1.0	<10	<1.0	<1.0	<1.0	<1.0		<1.0	<1.0		<1.0	<0.50	1.3
W-1	µg/L	5/13/10	260	9.3	<0.50	<0.50		<0.50	<1.0	<10	<1.0	<1.0	<1.0	<1.0		<1.0	<1.0		<1.0	<0.50	1.2
W-1	µg/L	8/6/10	260	17	<0.50	<0.50		<0.50	<1.0	10	<1.0	<1.0	<1.0	<1.0		<1.0	<1.0		<1.0	<0.50	<1.0
W-1	µg/L	11/5/10	150	15	<0.50	<0.50	<1.0	<0.50	<1.0	<10	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.50	<1.0
W-1	µg/L	2/4/11	200	2.7	<0.50	<0.50	<1.0	<0.50	<1.0	<10	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.50	<1.0
W-1	µg/L	4/14/11	150	1.4	<0.50	<0.50	<1.0	<0.50	<1.0	<10	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.50	<1.0
W-1	µg/L	8/26/11	130	3.9	<0.50	<0.50	<1.0	<0.50	1.3	16	<1.0	<1.0	<1.0	<1.0	<1.0	4.2	<1.0	<1.0	<1.0	<0.50	6.4
W-10	µg/L	11/8/06	26000	8200	5000	570	2100	820	<100	<1000	340	360	110	<40		<40	<40		<40	<40	<100
W-10	µg/L	2/9/07	28000	6400	2200	520	2200	710	<500	<5000	<500	280	<200	<200		<200	<200		<200	<200	<500
W-10	µg/L	2/9/07	26000	5100	1600	410	1800	570	<500	<5000	<500	260	<200	<200		<200	<200		<200	<200	<500
W-10	µg/L	5/11/07	7900	430	140	100	480	130	<10	84	100	130	48	<4		<4	6		8.2	1.2	3.6
W-10	µg/L	5/11/07	7800	500	160	110	540	150	<25	85	150	150	53	<10		<10	6.6		8.8	1.4	3.9
W-10	µg/L	8/9/07	5400	590	20	82	330	40	<25	68	59	90	33	<10		<10	6.4		8	<10	3
W-10	µg/L	11/9/07	<12000	4700	460	330	1300	240	<32	<490	240	190	55	<32		<27	<32		<27	<28	<30
W-10	µg/L	2/8/08	<25000	7600	310	330	1400	200	<500	<5000	170	150	42	<200		<200	<200		<200	<200	<500
W-10	µg/L	2/8/08	<28000	7200	280	300	1300	190	<500	<5000	140	140	38	<200		<200	<200		<200	<200	<500
W-10	µg/L	1/21/09	20000	8100	<200	440	1400	<200	<500	<5000	<500	230	<200	<200		<200	<200		<200	<200	<500
W-10	µg/L	4/27/09	16000	7400	<200	490	1400	<200	<500	<5000	270	230	36	<200		<200	<200		<200	<200	<500
W-10	µg/L	4/27/09	15000	5100	<200	350	830	<200	<500	<5000	220	190	31	<200		<200	<200		<200	<200	<500
W-10	µg/L	3/8/10	12000	4200	4.4	200		1.6	<1.0	<10	110	93	18	<1.0		<1.0	<1.0		<1.0	7.3	<1.0

Table III
Summary of Total Petroleum Hydrocarbon (TPH) and VOC Results
Former CENCO Refinery
Santa Fe Springs, CA

Location	Unit	Date	TPH-g	B	T	E	m/p-X	o-X	MTBE	TBA	NAP	1,2,4-TMB	1,3,5-TMB	PCE	TCE	t1,2-DCE	c1,2-DCE	1,1-DCE	1,1-DCA	1,2-DCA	VC
W-10	µg/L	3/8/10	8600	3100	<250	<250		<250	<500	<5000	<500	<500	<500	<500		<500	<500		<500	<250	<500
W-10	µg/L	5/17/10	9500	3900	7.4	230		1.9	<1.0	<10	130	70	13	<1.0		<1.0	<1.0		<1.0	2.7	<1.0
W-10	µg/L	5/17/10	10000	2900	10	160		1.7	<1.0	15	110	82	14	<1.0		<1.0	<1.0		<1.0	4.2	<1.0
W-10	µg/L	8/9/10	7900	2400	12	130		1.9	<1.0	93	60	62	10	<1.0		<1.0	<1.0		<1.0	3.0	<1.0
W-10	µg/L	11/8/10	7700	2900	45	160	140	6.4	<1.0	<10	180	56	8.1	<1.0	<1.0	<1.0	<1.0	<1.0	1.0	2.6	1.4
W-10	µg/L	2/8/11	11000	2600	100	160	140	28	<1.0	<10	150	61	13	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	4.0	<1.0
W-10	µg/L	4/21/11	12000	4900	97	240	190	38	<1.0	250	150	65	15	<1.0	<1.0	<1.0	<1.0	<1.0	1.6	12	<1.0
W-10	µg/L	9/1/11	8200	2900	2.2	120	44	1.1	<1.0	140	97	31	5.7	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	4.9	<1.0
W-11	µg/L	11/9/06	12000	96	7.8	54	140	21	<5	<50	<5	60	34	<2		<2	18		<2	<2	<5
W-11	µg/L	11/9/06	5200	99	12	74	240	37	<5	<50	<5	73	40	<2		<2	18		<2	<2	<5
W-11	µg/L	2/9/07	8000	95	14	78	280	27	<10	<100	<10	56	28	<4		<4	15		<4	<4	<10
W-11	µg/L	5/9/07	540	45	1.6	19	47	3.1	<5	<50	0.68	9	4.4	<2		0.41	18		<2	<2	0.96
W-11	µg/L	8/8/07	<1100	700	3.7	36	11	7.1	<5	<50	0.81	15	8.6	<2		<2	9.9		<2	0.29	1.1
W-11	µg/L	11/8/07	460	61	1.2	14	37	13	<0.32	<4.9	1	35	17	<0.32		<0.27	10		<0.27	<0.28	<0.3
W-11	µg/L	12/8/10	77000	150	51	260	2300	690	17	43	48	1300	800	<1.0	<1.0	<1.0	<1.0	<1.0	1.4	<0.50	<1.0
W-11	µg/L	2/4/11	10000	100	1.2	23	100	16	<1.0	<10	7.6	100	180	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.50	<1.0
W-11	µg/L	4/15/11	6300	410	15	50	390	18	<1.0	<10	3.4	83	280	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.50	<1.0
W-11	µg/L	8/29/11	10000	560	2.2	57	640	14	<1.0	<10	<1.0	100	190	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.50	<1.0
W-12	µg/L	11/8/06	1400	<2	<2	<2	<2	<2	<5	55	<5	<2	<2	<2		<2	5.4		<2	<2	<5
W-12	µg/L	2/7/07	4800	<2	<2	<2	<2	<2	<5	50	<5	<2	<2	<2		<2	6.8		<2	<2	<5
W-12	µg/L	5/9/07	220	<2	<2	<2	<2	<2	<5	40	<5	<2	<2	<2		0.31	4.3		<2	0.37	1.1
W-12	µg/L	8/8/07	1100	<2	<2	0.56	<2	<2	0.36	40	<5	<2	<2	<2		<2	3.1		<2	<2	0.85
W-12	µg/L	11/6/07	1500	0.37	<0.36	0.97	<0.6	<0.3	1.2	58	0.66	<0.23	<0.26	<0.32		<0.27	2.6		<0.27	0.42	0.47
W-12	µg/L	2/8/08	410	0.94	<2	3	<2	<2	0.82	54	2.5	<2	<2	<2		<2	1.8		<2	0.45	<5
W-12	µg/L	1/20/09	620	<2	<2	0.69	<2	<2	<5	32	<5	<2	<2	<2		0.48	5.4		<2	<2	2.4
W-12	µg/L	4/22/09	1100	<2	<2	2.1	<2	<2	0.33	30	8.2	0.26	<2	<2		<2	3.7		<2	<2	1.5
W-12	µg/L	3/4/10	400	<0.50	<0.50	2.1		<0.50	<1.0	<10	1.5	<1.0	<1.0	<1.0		<1.0	<1.0		<1.0	<0.50	<1.0
W-12	µg/L	5/12/10	610	<0.50	<0.50	3.0		<0.50	<1.0	<10	2.1	<1.0	<1.0	<1.0		<1.0	<1.0		<1.0	<0.50	<1.0
W-12	µg/L	8/5/10	650	<0.50	<0.50	3.5		<0.50	<1.0	<10	2.8	<1.0	<1.0	<1.0		<1.0	<1.0		<1.0	<0.50	<1.0
W-12	µg/L	11/4/10	530	<0.50	<0.50	1.4	<1.0	<0.50	<1.0	<10	1.7	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.50	<1.0
W-12	µg/L	2/3/11	310	<0.50	<0.50	<0.50	<1.0	<0.50	<1.0	<10	1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.50	<1.0
W-12	µg/L	4/19/11	220	<0.50	<0.50	0.57	<1.0	<0.50	<1.0	<10	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	2.1	<1.0	<1.0	<0.50	2.7
W-12	µg/L	8/25/11	360	<0.50	<0.50	1.3	<1.0	<0.50	<1.0	<10	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.50	<1.0
W-14A	µg/L	2/12/08	42	<2	<2	<2	<2	<2	<5	<50	<5	<2	<2	2.3		1.1	9		0.46	0.37	<5
W-14A	µg/L	1/13/09	<50	<2	<2	<2	<2	<2	<5	<50	<5	<2	<2	<2		<2	<2		<2	<2	<5
W-14A	µg/L	4/21/09	54	<2	<2	<2	<2	<2	0.47	8.1	<5	<2	<2	1.3		0.86	8.7		0.44	0.4	<5
W-14A	µg/L	3/1/10	<50	<0.50	<0.50	<0.50		<0.50	<1.0	<10	<1.0	<1.0	<1.0	<1.0		<1.0	1.7		<1.0	<0.50	<1.0
W-14A	µg/L	5/10/10	<50	<0.50	<0.50	<0.50		<0.50	<1.0	<10	<1.0	<1.0	<1.0	<1.0		<1.0	1.9		<1.0	<0.50	<1.0
W-14A	µg/L	8/2/10	<50	<0.50	<0.50	<0.50		<0.50	<1.0	<10	<1.0	<1.0	<1.0	<1.0		<1.0	3.4		<1.0	<0.50	<1.0
W-14A	µg/L	11/1/10	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<1.0	<10	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.50	<1.0

Table III
Summary of Total Petroleum Hydrocarbon (TPH) and VOC Results
Former CENCO Refinery
Santa Fe Springs, CA

Location	Unit	Date	TPH-g	B	T	E	m/p-X	o-X	MTBE	TBA	NAP	1,2,4-TMB	1,3,5-TMB	PCE	TCE	t1,2-DCE	c1,2-DCE	1,1-DCE	1,1-DCA	1,2-DCA	VC
W-14A	µg/L	1/31/11	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<1.0	<10	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.50	<1.0
W-14A	µg/L	4/4/11	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<1.0	<10	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	1.6	<1.0	<1.0	<0.50	<1.0
W-14A	µg/L	8/22/11	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<1.0	<10	<1.0	<1.0	<1.0	<1.0	5.8	1.0	5.2	<1.0	<1.0	<0.50	<1.0
W-14B	µg/L	2/12/08	<50	<2	<2	<2	<2	<2	<5	<50	<5	<2	<2	0.72		<2	0.83		<2	<2	<5
W-14B	µg/L	1/13/09	170	<2	<2	<2	<2	<2	<5	<50	<5	<2	<2	8.4		<2	4.8		<2	<2	<5
W-14B	µg/L	4/21/09	65	<2	<2	<2	<2	<2	<5	<50	<5	<2	<2	19		2.6	9.6		2.2	0.45	<5
W-14B	µg/L	3/1/10	99	<0.50	<0.50	<0.50		<0.50	<1.0	<10	<1.0	<1.0	<1.0	<1.0		<1.0	5.6		<1.0	<0.50	<1.0
W-14B	µg/L	5/10/10	99	<0.50	<0.50	<0.50		<0.50	<1.0	<10	<1.0	<1.0	<1.0	1.2		1.1	6.2		<1.0	<0.50	<1.0
W-14B	µg/L	8/2/10	55	<0.50	<0.50	<0.50		<0.50	<1.0	<10	<1.0	<1.0	<1.0	<1.0		<1.0	3.1		<1.0	<0.50	<1.0
W-14B	µg/L	11/1/10	88	<0.50	<0.50	<0.50	<1.0	<0.50	<1.0	<10	<1.0	<1.0	<1.0	2.0	45	2.0	10	14	1.2	<0.50	<1.0
W-14B	µg/L	1/31/11	65	<0.50	<0.50	<0.50	<1.0	<0.50	<1.0	<10	<1.0	<1.0	<1.0	<1.0	9.7	<1.0	2.0	3.1	<1.0	<0.50	<1.0
W-14B	µg/L	4/4/11	<50	<0.50	1.8	<0.50	<1.0	<0.50	<1.0	48	<1.0	<1.0	<1.0	15	99	2.8	13	34	2.9	0.53	<1.0
W-14B	µg/L	8/22/11	200	<0.50	<0.50	<0.50	<1.0	<0.50	<1.0	<10	<1.0	<1.0	<1.0	28	130	2.4	9.8	53	3.2	0.98	<1.0
W-14C	µg/L	2/12/08	260	1.2	<2	<2	<2	<2	<5	<50	<5	<2	<2	0.89		5.7	22		3.7	0.48	0.58
W-14C	µg/L	1/14/09	120	2.5	<2	<2	<2	<2	<5	<50	<5	<2	<2	<2		8.8	34		3.4	<2	<5
W-14C	µg/L	4/21/09	67	1.5	<2	<2	<2	<2	<5	10	<5	<2	<2	<2		4.5	23		2.1	<2	<5
W-14C	µg/L	3/1/10	300	1.6	<0.50	<0.50		<0.50	<1.0	<10	<1.0	<1.0	<1.0	<1.0		5.8	34		2.4	<0.50	<1.0
W-14C	µg/L	5/10/10	120	0.58	<0.50	<0.50		<0.50	<1.0	<10	<1.0	<1.0	<1.0	<1.0		2.0	13		<1.0	<0.50	<1.0
W-14C	µg/L	8/2/10	77	1.1	<0.50	<0.50		<0.50	<1.0	<10	<1.0	<1.0	<1.0	<1.0		4.6	35		2.4	<0.50	<1.0
W-14C	µg/L	11/1/10	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<1.0	<10	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.50	<1.0
W-14C	µg/L	1/31/11	60	<0.50	<0.50	<0.50	<1.0	<0.50	<1.0	<10	<1.0	<1.0	<1.0	<1.0	3.8	1.1	9.9	3.0	<1.0	<0.50	<1.0
W-14C	µg/L	4/4/11	<50	1.2	<0.50	<0.50	<1.0	<0.50	<1.0	27	<1.0	<1.0	<1.0	<1.0	24	3.9	30	16	3.1	<0.50	<1.0
W-14C	µg/L	8/22/11	290	0.73	<0.50	<0.50	<1.0	<0.50	<1.0	22	<1.0	<1.0	<1.0	<1.0	21	2.3	26	12	2.2	<0.50	<1.0
W-15A	µg/L	2/11/08	2700	620	4.9	5.1	11	<20	650	120	<50	<20	<20	<20		<20	<20		<20	<20	<50
W-15A	µg/L	1/14/09	230	7.4	<2	<2	<2	<2	190	170	<5	<2	<2	<2		<2	<2		<2	<2	<5
W-15A	µg/L	4/24/09	530	8.4	<4	<4	<4	<4	220	220	<10	<4	<4	<4		<4	<4		<4	<4	<10
W-15A	µg/L	3/2/10	240	0.93	<0.50	<0.50		<0.50	44	94	<1.0	<1.0	<1.0	<1.0		<1.0	<1.0		<1.0	<0.50	<1.0
W-15A	µg/L	5/10/10	260	1.5	<0.50	<0.50		<0.50	85	<10	<1.0	<1.0	<1.0	<1.0		<1.0	<1.0		<1.0	<0.50	<1.0
W-15A	µg/L	8/2/10	310	0.54	<0.50	<0.50		<0.50	71	180	<1.0	<1.0	<1.0	<1.0		<1.0	<1.0		<1.0	<0.50	<1.0
W-15A	µg/L	11/1/10	61	<0.50	<0.50	<0.50	<1.0	<0.50	2.5	88	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.50	<1.0
W-15A	µg/L	11/1/10	74	0.66	<0.50	<0.50	1.0	<0.50	6.8	98	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.50	<1.0
W-15A	µg/L	2/1/11	14000	1400	610	400	1800	400	260	390	64	490	200	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	1.6	<1.0
W-15A	µg/L	4/5/11	22000	<0.50	<0.50	<0.50	<1.0	<0.50	450	<10	150	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.50	<1.0
W-15B	µg/L	2/11/08	<1600	900	<20	<20	7	<20	20	110	<50	<20	<20	<20		<20	<20		<20	<20	<50
W-15B	µg/L	1/14/09	340	160	<2	<2	5	<2	20	110	<5	<2	<2	<2		<2	<2		<2	<2	<5
W-15B	µg/L	4/24/09	63	6.2	<2	<2	<2	<2	5.8	98	<5	<2	<2	<2		<2	<2		<2	<2	<5
W-15B	µg/L	3/2/10	220	3.8	<0.50	<0.50		<0.50	5.0	<10	<1.0	<1.0	<1.0	<1.0		<1.0	<1.0		<1.0	<0.50	<1.0
W-15B	µg/L	5/11/10	230	20	<0.50	<0.50		<0.50	17	36	<1.0	<1.0	<1.0	<1.0		<1.0	<1.0		<1.0	<0.50	<1.0
W-15B	µg/L	8/3/10	250	14	<0.50	<0.50		<0.50	19	67	<1.0	<1.0	<1.0	<1.0		<1.0	<1.0		<1.0	<0.50	<1.0

Table III
Summary of Total Petroleum Hydrocarbon (TPH) and VOC Results
Former CENCO Refinery
Santa Fe Springs, CA

Location	Unit	Date	TPH-g	B	T	E	m/p-X	o-X	MTBE	TBA	NAP	1,2,4-TMB	1,3,5-TMB	PCE	TCE	t1,2-DCE	c1,2-DCE	1,1-DCE	1,1-DCA	1,2-DCA	VC
W-15B	µg/L	11/2/10	740	38	<0.50	<0.50	3.2	0.74	50	87	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.50	<1.0
W-15B	µg/L	2/1/11	120	7.0	1.7	0.55	4.0	1.4	22	21	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.50	<1.0
W-15B	µg/L	4/5/11	1500	<0.50	66	18	120	64	130	<10	6.3	16	16	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.50	<1.0
W-15B	µg/L	8/23/11	1400	120	40	17	110	30	260	210	<1.0	13	7.2	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.50	<1.0
W-15B	µg/L	8/23/11	1100	110	34	15	100	29	200	220	<1.0	14	7.2	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.50	<1.0
W-15C	µg/L	2/11/08	<50	0.94	0.57	<2	<2	<2	<5	18	<5	<2	<2	<2		<2	1.1		0.45	0.35	0.34
W-15C	µg/L	1/15/09	29	1.1	<2	<2	<2	<2	<5	27	<5	<2	<2	<2		<2	5.7		1.2	0.86	0.9
W-15C	µg/L	4/24/09	43	<2	<2	<2	<2	<2	<5	25	<5	<2	<2	<2		<2	1		<2	<2	<5
W-15C	µg/L	3/2/10	<50	<0.50	<0.50	<0.50		<0.50	<1.0	<10	<1.0	<1.0	<1.0	<1.0		<1.0	1.4		<1.0	<0.50	<1.0
W-15C	µg/L	5/11/10	<50	<0.50	<0.50	<0.50		<0.50	<1.0	<10	<1.0	<1.0	<1.0	<1.0		<1.0	1.6		<1.0	<0.50	<1.0
W-15C	µg/L	8/3/10	<50	<0.50	<0.50	<0.50		<0.50	<1.0	20	<1.0	<1.0	<1.0	<1.0		<1.0	4.7		1.0	0.54	1.5
W-15C	µg/L	11/2/10	70	<0.50	<0.50	<0.50	<1.0	<0.50	2.9	<10	<1.0	<1.0	<1.0	<1.0	1.0	<1.0	1.7	<1.0	<1.0	<0.50	<1.0
W-15C	µg/L	2/1/11	94	1.6	0.85	<0.50	2.0	<0.50	<1.0	<10	<1.0	<1.0	<1.0	<1.0	1.8	<1.0	2.6	<1.0	<1.0	<0.50	<1.0
W-15C	µg/L	4/5/11	120	10	4.8	1.9	10	2.6	4.2	<10	1.1	<1.0	<1.0	<1.0	4.6	<1.0	6.6	1.5	1.4	<0.50	1.8
W-15C	µg/L	8/23/11	89	9.5	3.5	1.4	13	2.7	5.2	<10	<1.0	1.8	<1.0	<1.0	5.5	<1.0	6.5	1.6	<1.0	<0.50	<1.0
W-16A	µg/L	11/9/07	260	41	<0.36	<0.25	<0.6	<0.3	<0.32	30	<0.41	<0.23	<0.26	<0.32		<0.27	<0.32		2.6	<0.28	16
W-16A	µg/L	2/6/08	310	40	<2	<2	<2	<2	<5	34	<5	<2	0.63	<2		0.88	<2		2.8	<2	14
W-16A	µg/L	1/21/09	290	30	<2	<2	<2	<2	<5	<50	<5	<2	<2	<2		<2	<2		2.5	<2	7.2
W-16A	µg/L	4/27/09	410	34	<2	<2	<2	<2	<5	20	<5	<2	0.27	<2		0.54	<2		1.8	<2	17
W-16A	µg/L	3/5/10	220	4.2	<0.50	<0.50		<0.50	<1.0	<10	<1.0	<1.0	<1.0	<1.0		<1.0	<1.0		<1.0	<0.50	2.9
W-16A	µg/L	5/14/10	110	<0.50	<0.50	<0.50		<0.50	<1.0	<10	<1.0	<1.0	<1.0	<1.0		<1.0	<1.0		<1.0	<0.50	<1.0
W-16A	µg/L	8/9/10	120	0.93	<0.50	<0.50		<0.50	<1.0	<10	<1.0	<1.0	<1.0	<1.0		<1.0	<1.0		<1.0	<0.50	<1.0
W-16A	µg/L	11/5/10	90	<0.50	<0.50	<0.50	<1.0	<0.50	<1.0	<10	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.50	<1.0
W-16A	µg/L	2/7/11	320	12	<0.50	<0.50	<1.0	<0.50	<1.0	<10	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	1.7	<0.50	1.1
W-16A	µg/L	4/18/11	520	24	<0.50	<0.50	<1.0	<0.50	<1.0	<10	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	2.2	<0.50	2.2
W-16A	µg/L	8/26/11	280	13	<0.50	<0.50	<1.0	<0.50	<1.0	30	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	1.2	<0.50	<1.0
W-16B	µg/L	11/9/07	37	7.4	<0.36	<0.25	<0.6	<0.3	<0.32	9.1	0.8	0.26	<0.26	<0.32		8.7	6.6		<0.27	<0.28	<0.3
W-16B	µg/L	2/6/08	400	48	<2	0.33	<2	<2	<5	9.9	1.9	0.4	<2	<2		43	27		<2	<2	<5
W-16B	µg/L	1/21/09	73	16	<2	<2	<2	<2	<5	<50	<5	<2	<2	<2		15	9.7		<2	<2	<5
W-16B	µg/L	4/27/09	47	0.9	<20	<20	<20	<20	<50	<500	<50	<20	<20	<20		9.4	6.1		<20	<20	<50
W-16B	µg/L	3/8/10	73	8.6	<0.50	<0.50		<0.50	<1.0	<10	<1.0	<1.0	<1.0	<1.0		3.7	5.8		<1.0	<0.50	<1.0
W-16B	µg/L	5/14/10	60	3.0	<0.50	<0.50		<0.50	<1.0	<10	<1.0	<1.0	<1.0	<1.0		1.0	3.0		<1.0	<0.50	<1.0
W-16B	µg/L	8/9/10	<50	1.3	<0.50	<0.50		<0.50	<1.0	<10	<1.0	<1.0	<1.0	<1.0		<1.0	<1.0		<1.0	<0.50	<1.0
W-16B	µg/L	11/5/10	110	23	<0.50	<0.50	<1.0	<0.50	<1.0	<10	<1.0	<1.0	<1.0	<1.0	<1.0	9.4	13	<1.0	1.2	<0.50	<1.0
W-16B	µg/L	2/7/11	290	80	<0.50	<0.50	<1.0	<0.50	<1.0	<10	18	<1.0	<1.0	<1.0	3.5	50	70	2.0	8.5	<0.50	2.9
W-16B	µg/L	4/18/11	550	100	<0.50	<0.50	<1.0	<0.50	<1.0	<10	<1.0	<1.0	<1.0	<1.0	6.4	100	89	2.6	9.2	<0.50	10
W-16B	µg/L	8/26/11	89	20	<0.50	<0.50	<1.0	<0.50	<1.0	<10	<1.0	<1.0	<1.0	<1.0	<1.0	12	16	<1.0	1.4	<0.50	1.1
W-16C	µg/L	11/9/07	170	18	<0.36	<0.25	<0.6	<0.3	<0.32	13	<0.41	<0.23	<0.26	<0.32		12	40		11	<0.28	5.6
W-16C	µg/L	2/6/08	360	30	0.46	<2	<2	<2	<5	21	<5	<2	<2	<2		14	66		24	<2	18

Table III
Summary of Total Petroleum Hydrocarbon (TPH) and VOC Results
Former CENCO Refinery
Santa Fe Springs, CA

Location	Unit	Date	TPH-g	B	T	E	m/p-X	o-X	MTBE	TBA	NAP	1,2,4-TMB	1,3,5-TMB	PCE	TCE	t1,2-DCE	c1,2-DCE	1,1-DCE	1,1-DCA	1,2-DCA	VC
W-16C	µg/L	1/21/09	510	40	<2	<2	<2	<2	<5	<50	<5	<2	<2	<2		17	73		35	<2	24
W-16C	µg/L	4/28/09	170	20	<2	<2	<2	<2	<5	8.2	<5	<2	<2	<2		12	41		14	<2	8.2
W-16C	µg/L	3/8/10	95	2.5	<0.50	<0.50		<0.50	<1.0	<10	<1.0	<1.0	<1.0	<1.0		1.2	9.1		1.6	<0.50	<1.0
W-16C	µg/L	5/14/10	63	1.3	<0.50	<0.50		<0.50	<1.0	<10	<1.0	<1.0	<1.0	<1.0		<1.0	3.8		1.2	<0.50	<1.0
W-16C	µg/L	8/9/10	<50	<0.50	<0.50	<0.50		<0.50	<1.0	<10	<1.0	<1.0	<1.0	<1.0		<1.0	<1.0		<1.0	<0.50	<1.0
W-16C	µg/L	8/9/10	<50	<0.50	<0.50	<0.50		<0.50	<1.0	<10	<1.0	<1.0	<1.0	<1.0		<1.0	<1.0		<1.0	<0.50	<1.0
W-16C	µg/L	11/5/10	390	14	<0.50	<0.50	<1.0	<0.50	<1.0	<10	<1.0	<1.0	<1.0	<1.0	<1.0	7.6	30	1.4	11	<0.50	9.6
W-16C	µg/L	2/7/11	440	33	0.54	<0.50	<1.0	<0.50	<1.0	<10	6.9	<1.0	<1.0	<1.0	<1.0	15	68	3.3	22	<0.50	14
W-16C	µg/L	4/18/11	510	39	0.51	<0.50	<1.0	<0.50	<1.0	<10	<1.0	<1.0	<1.0	<1.0	1.2	20	80	4.7	32	<0.50	30
W-16C	µg/L	8/26/11	320	30	<0.50	<0.50	<1.0	<0.50	<1.0	<10	<1.0	<1.0	<1.0	<1.0	<1.0	15	63	2.8	24	<0.50	16
W-17A	µg/L	2/14/08	100	<2	<2	<2	<2	<2	<5	140	<5	<2	<2	<2		<2	6.2		0.47	1.4	0.7
W-17A	µg/L	1/16/09	78	<2	<2	<2	<2	<2	<5	54	0.41	0.33	<2	<2		0.39	1.4		<2	<2	<5
W-17A	µg/L	4/22/09	180	4.5	<2	<2	<2	<2	<5	57	<5	<2	<2	<2		1.9	7.7		0.51	0.65	<5
W-17A	µg/L	3/3/10	51	<0.50	<0.50	<0.50		<0.50	<1.0	14	<1.0	<1.0	<1.0	<1.0		<1.0	1.6		<1.0	<0.50	<1.0
W-17A	µg/L	5/12/10	110	1.1	<0.50	<0.50		<0.50	<1.0	<10	<1.0	<1.0	<1.0	<1.0		<1.0	4.2		<1.0	<0.50	<1.0
W-17A	µg/L	8/4/10	56	<0.50	<0.50	<0.50		<0.50	<1.0	<10	<1.0	<1.0	<1.0	<1.0		<1.0	1.7		<1.0	<0.50	<1.0
W-17A	µg/L	11/3/10	69	<0.50	<0.50	<0.50	<1.0	<0.50	<1.0	<10	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	1.3	<1.0	<1.0	<0.50	<1.0
W-17A	µg/L	2/2/11	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<1.0	<10	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	2.0	<1.0	<1.0	<0.50	<1.0
W-17A	µg/L	4/20/11	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<1.0	38	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	2.9	<1.0	<1.0	<0.50	<1.0
W-17A	µg/L	8/24/11	98	<0.50	<0.50	<0.50	<1.0	<0.50	<1.0	<10	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	2.5	<1.0	<1.0	<0.50	<1.0
W-17B	µg/L	2/14/08	39	<2	<2	<2	<2	<2	<5	30	<5	<2	<2	<2		<2	1.4		<2	<2	<5
W-17B	µg/L	1/16/09	38	<2	<2	<2	<2	<2	<5	18	<5	<2	<2	<2		<2	<2		<2	<2	<5
W-17B	µg/L	4/22/09	<50	<2	<2	<2	<2	<2	<5	18	<5	<2	<2	<2		<2	0.71		<2	<2	<5
W-17B	µg/L	3/3/10	<50	<0.50	<0.50	<0.50		<0.50	<1.0	<10	<1.0	<1.0	<1.0	<1.0		<1.0	<1.0		<1.0	<0.50	<1.0
W-17B	µg/L	5/12/10	54	<0.50	<0.50	<0.50		<0.50	<1.0	<10	<1.0	<1.0	<1.0	<1.0		<1.0	<1.0		<1.0	<0.50	<1.0
W-17B	µg/L	8/5/10	<50	<0.50	<0.50	<0.50		<0.50	<1.0	<10	<1.0	<1.0	<1.0	<1.0		<1.0	<1.0		<1.0	<0.50	<1.0
W-17B	µg/L	11/3/10	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<1.0	<10	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.50	<1.0
W-17B	µg/L	2/2/11	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<1.0	<10	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.50	<1.0
W-17B	µg/L	4/20/11	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<1.0	35	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.50	<1.0
W-17B	µg/L	8/24/11	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<1.0	<10	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.50	<1.0
W-17C	µg/L	2/14/08	36	<2	<2	<2	<2	<2	<5	25	<5	<2	<2	<2		<2	<2		<2	<2	<5
W-17C	µg/L	1/16/09	29	<2	<2	<2	<2	<2	<5	21	<5	<2	<2	<2		<2	1.2		<2	<2	<5
W-17C	µg/L	4/23/09	<50	<2	<2	<2	<2	<2	<5	18	<5	<2	<2	<2		<2	<2		<2	<2	<5
W-17C	µg/L	3/4/10	<50	<0.50	<0.50	<0.50		<0.50	<1.0	<10	<1.0	<1.0	<1.0	<1.0		<1.0	<1.0		<1.0	<0.50	<1.0
W-17C	µg/L	5/12/10	<50	<0.50	<0.50	<0.50		<0.50	<1.0	<10	<1.0	<1.0	<1.0	<1.0		<1.0	<1.0		<1.0	<0.50	<1.0
W-17C	µg/L	8/5/10	<50	<0.50	<0.50	<0.50		<0.50	<1.0	<10	<1.0	<1.0	<1.0	<1.0		<1.0	<1.0		<1.0	<0.50	<1.0
W-17C	µg/L	11/3/10	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<1.0	<10	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.50	<1.0
W-17C	µg/L	2/2/11	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<1.0	<10	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.50	<1.0
W-17C	µg/L	4/20/11	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<1.0	31	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.50	<1.0
W-17C	µg/L	8/24/11	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<1.0	<10	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.50	<1.0

Table III
Summary of Total Petroleum Hydrocarbon (TPH) and VOC Results
Former CENCO Refinery
Santa Fe Springs, CA

Location	Unit	Date	TPH-g	B	T	E	m/p-X	o-X	MTBE	TBA	NAP	1,2,4-TMB	1,3,5-TMB	PCE	TCE	t1,2-DCE	c1,2-DCE	1,1-DCE	1,1-DCA	1,2-DCA	VC
W-2	µg/L	11/1/89		78	6.5	6.5								<0.5A		<0.5A			4.3A	<0.5A	75A
W-2	µg/L	3/1/90		62	<0.5	<0.5								<0.5		<1			<0.5	<0.5	<2
W-2	µg/L	4/1/90		83	26	4								<2.5		<5	13		3	<2.5	5.9
W-2	µg/L	12/18/96	560	56	<2	<2			<2		<2	<2	<2	<2		<2	13		<2	<2	11
W-2	µg/L	1/14/98	700	85	<5	<5			<5		<10	<5	<5	<5		<5	17		<5	<5	27
W-2	µg/L	8/20/98	NS	NS	NS	NS			NS		NS	NS	NS	NS		NS	NS		NS	NS	NS
W-3	µg/L	11/1/89		19	2.6	7.6								<0.5		<0.5			2.5A	<0.5	7.1A
W-3	µg/L	1/1/90		<0.5	<0.5	<0.5								<0.5		<1			1	<0.5	<2
W-3	µg/L	3/1/90		5.3	4.5	<0.5								<0.5		<1			0.5	<0.5	<2
W-3	µg/L	4/1/90		3.4	4.5	<1								<0.5		<1	<5		<0.5	<0.5	<2
W-3	µg/L	12/18/96	1300	590	<25	<25			<10		<25	<25	<25	<25		<25	<25		<25	<25	<50
W-3	µg/L	1/13/98	2200	280	<5	<5			<5		<10	<5	<5	<5		<5	<5		6	<5	51
W-3	µg/L	8/20/98	NS	NS	NS	NS			NS		NS	NS	NS	NS		NS	NS		NS	NS	NS
W-3A	µg/L	1/13/98	4300000	150000	<6000	35000			<200000												
W-3A	µg/L	8/20/98	1100	220	<25	33			440		350	<25	<25	<25		<25	<25		<25	<25	<50
W-3A	µg/L	1/28/99	690	160	<50	<50			340		240	<50	<50	<50		<50	<50		<50	<50	<100
W-3A	µg/L	7/19/99	5400	120	<20	<20			380		<200	37	<20	<20		<20	<20		<20	<10	<10
W-3A	µg/L	1/13/00	14000	140	<10	<10			210		<100	<10	<10	<10		<10	<10		<10	<5	7
W-3A	µg/L	8/4/00	3400	170	<20	8.4			220		<50	2	2	<2		<2	<20		<20	<1	5
W-3A	µg/L	2/8/01	2700	34	<1	2.9			12		63	13	4.4	<1		<1	<1		<1	<0.5	1.7
W-3A	µg/L	7/26/01	3400	42	<1	1.7			6.2		11	15	<1	<1		<1	<1		<1	<0.5	27
W-3A	µg/L	5/6/02	NS	NS	NS	NS			NS	NS	NS	NS	NS	NS		NS	NS		NS	NS	NS
W-3A	µg/L	9/25/02	NS	NS	NS	NS			NS	NS	NS	NS	NS	NS		NS	NS		NS	NS	NS
W-3A	µg/L	2/16/06	306	<1	<5	<5	<5	<5	6.2	16	<5	18	16	<5		<5	<5		<5	<5	<5
W-3A	µg/L	8/3/06	39000	<2	<2	<2	<2	<2	9	<50	38	<2	<2	<2		<2	<2		<2	<2	<5
W-3A	µg/L	11/9/06	8100	<2	<2	<2	<2	<2	11	<50	37	6.4	9.5	<2		<2	<2		<2	<2	<5
W-3A	µg/L	2/8/07	1400	<2	<2	<2	<2	<2	8.4	<50	30	3.9	6.1	<2		<2	<2		<2	<2	<5
W-3A	µg/L	5/10/07	14000	0.66	<2	<2	<2	<2	7.8	23	16	2.3	3.6	<2		<2	<2		<2	<2	<5
W-3A	µg/L	8/9/07	1900	0.79	<2	<2	<2	0.34	9.8	26	14	2	2.3	<2		<2	<2		<2	<2	<5
W-3A	µg/L	11/7/07	1500	0.62	<0.36	<0.25	<0.6	<0.3	9.7	26	<0.41	0.64	0.67	<0.32		<0.27	<0.32		<0.27	<0.28	<0.3
W-3A	µg/L	2/7/08	180	<2	<2	<2	<2	<2	10	<50	<5	<2	<2	<2		<2	<2		<2	<2	<5
W-4	µg/L	3/1/90		120	<0.5	19								<0.5		<0.5	3.2		8.3	<0.5	<0.5
W-4	µg/L	4/1/90		28	1.4	4.8								<1		<1	0.81		2.2	<1	4.3
W-4	µg/L	12/18/96	420	80	<5	<5			<10		<5	<5	<5	<5		<5	<5		<5	<5	<10
W-4	µg/L	1/14/98	920	120	<5	<5			<5		<10	<5	<5	<5		<5	<5		<5	<5	16
W-4	µg/L	8/20/98	500	57	<5	<5			18		<10	<5	<5	<5		<5	<5		<5	<5	9.8
W-4	µg/L	1/29/99	460	55	<5	<5			20		<10	<5	<5	<5		<5	<5		<5	<5	11
W-4	µg/L	7/19/99	710	72	<2	<2			<2		<20	<2	<2	<2		<2	<2		<2	<1	<1
W-4	µg/L	1/13/00	660	49	<1	<1			<1		<10	<1	<1	<1		<1	1.3		<1	<0.5	13
W-4	µg/L	8/3/00	<500	47	<1	<1					<10	<1	<1	<1		1.2	<1		<1	<0.5	12

Table III
Summary of Total Petroleum Hydrocarbon (TPH) and VOC Results
Former CENCO Refinery
Santa Fe Springs, CA

Location	Unit	Date	TPH-g	B	T	E	m/p-X	o-X	MTBE	TBA	NAP	1,2,4-TMB	1,3,5-TMB	PCE	TCE	t1,2-DCE	c1,2-DCE	1,1-DCE	1,1-DCA	1,2-DCA	VC
W-4	µg/L	2/8/01	<500	42	<1	<1			<1		<10	<1	<1	<1		<1	<1		1.1	0.67	7
W-4	µg/L	7/26/01	320	42	<1	<1			<1		<10	<1	<1	<1		<1	<1		1	<0.5	<0.5
W-4	µg/L	5/8/02	250	33	<1	<1			<1	60000	<10	<1	<1	<1		2	<1		1.3	<0.5	5.2
W-4	µg/L	9/25/02	290	62	<1	<1			<1	45000	<1	<1	<1	<1		3.8	<1		2	<0.5	<0.5
W-4	µg/L	7/1/04	350	30	2.6	1.9	0.66	<0.5	<5	<100	<5	<5	<5	<5		1J	3J		2J	<5	11
W-4	µg/L	10/6/05	350	31	<1	<1	<1	<1	<1	47	<10	<1	<1	<1		<1	6.4		1.7	<0.5	1.3
W-4	µg/L	2/15/06	501	43	<5	<5	<5	<5	<1	38	<5	<5	<5	<5		<5	2.8		2.5	<5	2.4
W-4	µg/L	8/3/06	2800	3.5	<2	<2	<2	<2	<5	<50	<5	<2	<2	<2		<2	4.5		<2	<2	<5
W-4	µg/L	11/9/06	230	6.1	<2	<2	<2	<2	<5	<50	<5	<2	<2	<2		<2	5.1		<2	<2	<5
W-4	µg/L	2/8/07	200	3.1	<2	<2	<2	<2	<5	<50	<5	<2	<2	<2		<2	4.7		<2	<2	<5
W-4	µg/L	5/10/07	170	1.5	<2	<2	<2	<2	1.6	30	<5	<2	<2	<2		<2	3.8		<2	<2	1
W-4	µg/L	8/9/07	280	1	<2	<2	<2	<2	2	18	<5	<2	<2	<2		<2	3.2		<2	<2	0.59
W-4	µg/L	11/7/07	180	1.9	<0.36	<0.25	<0.6	<0.3	1.4	22	<0.41	<0.23	<0.26	<0.32		<0.27	3.6		0.36	<0.28	<0.3
W-4	µg/L	2/7/08	210	4.4	<2	<2	<2	<2	<5	55	<1	<2	<2	<2		<1	4.4		<2	<2	<5
W-4	µg/L	2/7/08	250	3.9	<2	<2	<2	<2	<5	50	<5	<2	<2	<2		<2	4		<2	<2	<5
W-4	µg/L	1/19/09	140	0.51	<2	<2	<2	<2	<5	47	0.43	<2	<2	<2		<2	7.6		1	<2	1.8
W-4	µg/L	4/27/09	92	<2	<2	<2	<2	<2	<5	34	<5	<2	<2	<2		<2	7.3		0.61	<2	1.9
W-4	µg/L	3/5/10	600	1.5	<0.50	<0.50		<0.50	<1.0	<10	<1.0	<1.0	<1.0	<1.0		<1.0	3.7		<1.0	<0.50	7.4
W-4	µg/L	5/13/10	700	4.3	<0.50	<0.50		<0.50	<1.0	<10	<1.0	<1.0	<1.0	<1.0		<1.0	3.1		<1.0	<0.50	5.4
W-4	µg/L	8/6/10	570	68	<0.50	<0.50		<0.50	<1.0	<10	<1.0	<1.0	<1.0	<1.0		<1.0	4.0		<1.0	<0.50	7.2
W-4	µg/L	11/4/10	980	180	<0.50	<0.50	<1.0	<0.50	<1.0	<10	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.50	4.8
W-4	µg/L	2/8/11	1800	480	<0.50	1.2	<1.0	<0.50	<1.0	<10	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	1.0	<1.0	<1.0	<0.50	8.6
W-4	µg/L	4/14/11	1400	460	0.59	1.2	<1.0	<0.50	1.1	38	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	1.2	<1.0	<1.0	<0.50	11
W-4	µg/L	8/25/11	840	190	<0.50	<0.50	<1.0	<0.50	<1.0	<10	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.50	1.8
W-7	µg/L	8/4/00	<500	<0.5	<1	<1			<1		<1	<1	<1	<1		<1	<0.5		1.2	<1	<0.5
W-7	µg/L	2/8/01	<500	<0.5	<1	<1			<1		<10	<1	<1	<1		<1	<1		<1	<0.5	<0.5
W-7	µg/L	7/26/01	<100	<0.5	<1	<1			<1		<10	<1	<1	<1		<1	<1		<1	<0.5	<0.5
W-7	µg/L	5/7/02	<100	<0.5	<1	<1			<1	<1000	<10	<1	<1	<1		<1	<1		<1	<0.5	<0.5
W-7	µg/L	9/24/02	<100	<0.5	<1	<1			<1	<1000	<10	<1	<1	<1		<1	<1		<1	<0.5	<0.5
W-7	µg/L	10/7/05	<100	<0.5	<1	<1	<1	<1	<1	<10	<10	<1	<1	<1		<1	<1		<1	<0.5	<0.5
W-7	µg/L	2/16/06	60.9	<1	<5	<5	<5	<5	<1	<10	<5	1.1	<5	<5		<5	<5		<5	<5	<5
W-7	µg/L	8/4/06	<50	<2	<2	<2	<2	<2	<5	<50	<5	<2	<2	<2		<2	<2		<2	<2	<5
W-7	µg/L	11/10/06	<50	<2	<2	<2	<2	<2	<5	<50	<5	<2	<2	<2		<2	<2		<2	<2	<5
W-7	µg/L	2/9/07	<50	<2	<2	<2	2.6	<2	<5	<50	<5	2.2	<2	<2		<2	<2		<2	<2	<5
W-7	µg/L	5/8/07	31	0.41	0.45	0.87	1.4	0.75	<5	<50	0.9	1.4	0.35	<2		<2	<2		0.41	<2	<5
W-7	µg/L	8/10/07	<50	<2	<2	0.25	<2	<2	<5	<50	<5	<2	<2	<2		<2	<2		<2	<2	<5
W-7	µg/L	11/6/07	<30	<0.28	<0.36	<0.25	<0.6	<0.3	<0.32	<4.9	<0.41	<0.23	<0.26	<0.32		<0.27	<0.32		<0.27	<0.28	<0.3
W-7	µg/L	2/4/08	<50	<2	<2	<2	<2	<2	<5	<50	<5	<2	<2	<2		<2	<2		<2	<2	<5
W-7	µg/L	1/13/09	<50	<2	<2	<2	<2	<2	<5	<50	<5	<2	<2	<2		<2	<2		<2	<2	<5
W-7	µg/L	4/21/09	<50	0.31	<2	<2	<2	<2	<5	<50	<5	<2	<2	<2		<2	<2		1.7	<2	<5
W-7	µg/L	3/4/10	65	<0.50	<0.50	<0.50		<0.50	<1.0	<10	<1.0	<1.0	<1.0	<1.0		<1.0	<1.0		2.0	<0.50	<1.0
W-7	µg/L	5/17/10	60	<0.50	<0.50	<0.50		0.51	<1.0	<10	2.3	<1.0	<1.0	<1.0		<1.0	<1.0		1.9	<0.50	<1.0

Table III
Summary of Total Petroleum Hydrocarbon (TPH) and VOC Results
Former CENCO Refinery
Santa Fe Springs, CA

Location	Unit	Date	TPH-g	B	T	E	m/p-X	o-X	MTBE	TBA	NAP	1,2,4-TMB	1,3,5-TMB	PCE	TCE	t1,2-DCE	c1,2-DCE	1,1-DCE	1,1-DCA	1,2-DCA	VC
W-7	µg/L	8/4/10	<50	<0.50	<0.50	<0.50		<0.50	<1.0	<10	<1.0	<1.0	<1.0	<1.0		<1.0	<1.0		2.6	<0.50	<1.0
W-7	µg/L	8/4/10	<50	<0.50	<0.50	<0.50		<0.50	<1.0	<10	<1.0	<1.0	<1.0	<1.0		<1.0	<1.0		2.6	<0.50	<1.0
W-7	µg/L	11/3/10	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<1.0	<10	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	2.5	<0.50	<1.0
W-7	µg/L	2/2/11	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<1.0	<10	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	1.4	<0.50	<1.0
W-7	µg/L	4/14/11	<50	0.57	0.55	0.51	<1.0	0.57	<1.0	<10	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	2.8	<0.50	<1.0
W-7	µg/L	8/24/11	<50	0.52	0.50	0.53	<1.0	0.53	<1.0	<10	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	1.8	<0.50	<1.0
W-7	µg/L	8/24/11	<50	<0.50	<0.50	<0.50	<1.0	0.51	<1.0	<10	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	1.8	<0.50	<1.0
W-8	µg/L	8/4/00	<500	2.8	<4.6	<1			<1		<1	<1	<1	<1		<1	<1		<1	<0.5	<0.5
W-8	µg/L	2/6/01	NS	NS	NS	NS			NS		NS	NS	NS	NS		NS	NS		NS	NS	NS
W-8	µg/L	7/26/01	180	0.67	<1	<1			<1		<1	<1	<1	<1		<1	<1		<1	<5	<0.5
W-8	µg/L	5/7/02	180	0.51	<1	<1			<1	<1000	<10	<1	<1	<1		<1	<1		<1	<5	<0.5
W-8	µg/L	9/24/02	<100	0.64	<1	<1			<1	<1000	<10	<1	<1	<1		<1	<1		<1	<5	<0.5
W-8	µg/L	7/1/04	390	1.9J	1.8	0.72	0.92	<0.5	<5	<100	<5	<5	<5	<5		<5	<5		<5	<5	<5
W-8	µg/L	10/6/05	220	0.52	<1	<1	<1	<1	<1	<10	<10	<1	<1	<1		<1	<1		<1	<0.5	<0.5
W-8	µg/L	2/16/06	192	<1	<5	<5	<5	<5	<1	<10	<5	<5	<5	<5		<5	<5		<5	<5	<5
W-8	µg/L	8/4/06	130	<2	<2	<2	<2	<2	<5	<50	<5	<2	<2	<2		<2	<2		<2	<2	<5
W-8	µg/L	11/10/06	210	<2	<2	<2	<2	<2	<5	<50	<5	<2	<2	<2		<2	<2		<2	<2	<5
W-8	µg/L	2/9/07	130	<2	<2	<2	<2	<2	<5	<50	<5	<2	<2	<2		<2	<2		<2	<2	<5
W-8	µg/L	5/8/07	110	0.49	0.73	0.33	<2	<2	<5	<50	<5	0.23	<2	<2		<2	<2		<2	<2	<5
W-8	µg/L	8/7/07	170	0.49	0.82	0.44	<2	0.38	<5	<50	<5	0.3	<2	<2		<2	<2		<2	<2	<5
W-8	µg/L	11/6/07	160	0.52	0.75	0.4	<0.6	0.3	<0.32	7.5	<0.41	<0.23	<0.26	<0.32		<0.27	<0.32		<0.27	<0.28	<0.3
W-8	µg/L	2/4/08	160	0.46	0.81	0.39	<2	<2	<5	<50	<5	0.25	<2	<2		<2	<2		<2	<2	<5
W-8	µg/L	1/13/09	120	<2	<2	<2	<2	<2	<5	<50	<5	<2	<2	<2		<2	<2		<2	<2	<5
W-8	µg/L	4/21/09	150	0.45	0.82	0.37	<2	<2	<5	<50	<5	<2	<2	<2		<2	<2		<2	<2	<5
W-8	µg/L	3/4/10	220	<0.50	0.85	<0.50		<0.50	<1.0	<10	<1.0	<1.0	<1.0	<1.0		<1.0	<1.0		<1.0	<0.50	<1.0
W-8	µg/L	5/17/10	200	<0.50	<0.50	<0.50		<0.50	<1.0	<10	<1.0	<1.0	<1.0	<1.0		<1.0	<1.0		<1.0	<0.50	<1.0
W-8	µg/L	5/17/10	210	<0.50	0.50	<0.50		<0.50	<1.0	<10	<1.0	<1.0	<1.0	<1.0		<1.0	<1.0		<1.0	<0.50	<1.0
W-8	µg/L	8/4/10	110	<0.50	0.80	<0.50		<0.50	<1.0	<10	<1.0	<1.0	<1.0	<1.0		<1.0	<1.0		<1.0	<0.50	<1.0
W-8	µg/L	11/4/10	140	<0.50	0.60	<0.50	<1.0	<0.50	<1.0	<10	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.50	<1.0
W-8	µg/L	2/7/11	130	<0.50	0.85	<0.50	<1.0	<0.50	<1.0	<10	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.50	<1.0
W-8	µg/L	4/21/11	140	0.56	1.0	<0.50	<1.0	<0.50	<1.0	<10	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.50	<1.0
W-8	µg/L	4/21/11	130	0.57	1.1	<0.50	<1.0	<0.50	<1.0	<10	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.50	<1.0
W-8	µg/L	9/1/11	2000	0.57	0.77	<0.50	<1.0	<0.50	<1.0	<10	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.50	<1.0
W-9	µg/L	11/7/06	<50	<2	<2	<2	<2	<2	<5	<50	<5	<2	<2	<2		<2	<2		<2	<2	<5
W-9	µg/L	2/6/07	67	<2	<2	<2	<2	<2	<5	<50	<5	<2	<2	<2		<2	<2		<2	<2	<5
W-9	µg/L	5/9/07	50	<2	<2	<2	<2	<2	<5	17	<5	<2	<2	<2		<2	2		<2	<2	<5
W-9	µg/L	8/7/07	38	<2	<2	<2	<2	<2	<5	22	<5	<2	<2	<2		0.31	3		<2	<2	<5
W-9	µg/L	11/6/07	<30	<0.28	<0.36	<0.25	<0.6	<0.3	<0.32	19	<0.41	<0.23	<0.26	<0.32		0.31	3.8		<0.27	<0.28	<0.3
W-9	µg/L	2/5/08	<50	<2	<2	<2	<2	<2	<5	23	0.5	<2	<2	<2		0.3	3.4		<2	<2	<5
W-9	µg/L	1/15/09	46	<2	<2	<2	<2	<2	<5	18	<5	<2	<2	<2		<2	3.2		<2	<2	<5
W-9	µg/L	4/23/09	36	<2	<2	<2	<2	<2	<5	18	<5	<2	<2	<2		<2	2.6		<2	<2	<5

Table III
Summary of Total Petroleum Hydrocarbon (TPH) and VOC Results
Former CENCO Refinery
Santa Fe Springs, CA

Location	Unit	Date	TPH-g	B	T	E	m/p-X	o-X	MTBE	TBA	NAP	1,2,4-TMB	1,3,5-TMB	PCE	TCE	t1,2-DCE	c1,2-DCE	1,1-DCE	1,1-DCA	1,2-DCA	VC
W-9	µg/L	3/3/10	<50	<0.50	<0.50	<0.50		<0.50	<1.0	<10	<1.0	<1.0	<1.0	<1.0		<1.0	1.9		<1.0	<0.50	<1.0
W-9	µg/L	5/12/10	80	<0.50	<0.50	<0.50		<0.50	<1.0	<10	<1.0	<1.0	<1.0	<1.0		<1.0	2.8		<1.0	<0.50	<1.0
W-9	µg/L	8/4/10	67	<0.50	<0.50	<0.50		<0.50	<1.0	<10	<1.0	<1.0	<1.0	<1.0		<1.0	4.0		<1.0	<0.50	<1.0
W-9	µg/L	11/3/10	87	<0.50	<0.50	<0.50	<1.0	<0.50	<1.0	<10	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	3.2	<1.0	<1.0	<0.50	<1.0
W-9	µg/L	2/2/11	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<1.0	<10	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	1.5	<1.0	<1.0	<0.50	<1.0
W-9	µg/L	4/14/11	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<1.0	<10	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	5.9	<1.0	<1.0	<0.50	<1.0
W-9	µg/L	8/24/11	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<1.0	<10	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	2.4	<1.0	<1.0	<0.50	<1.0

NOTES:
PCE - Tetrachloroethylene
TCE - Trichloroethylene
c1,2-DCE - cis-1,2-Dichloroethene
t1,2-DCE - trans-1,2-Dichloroethene
1,1-DCE - 1,1-Dichloroethene
1,2-DCA - 1,2-Dichloroethane
1,3,5-TMB - 1,3,5-Trimethylbenzene
1,2,4-TMB - 1,2,4-Trimethylbenzene
VC - Vinyl Chloride
B- Benzene
T - Toluene
E - Ethylbenzene
X - Xylenes, total
nBUT - n-Butylbenzene
sBUT - sec-Butylbenzene
tBUT - tert-Butylbenzene
nPRO - n-Propylbenzene
CBNZ - Chlorobenzene
CETH - Chloroethane
CMETH - Chloromethane
1,1 DCA - 1,1-Dichloroethane
ISO-P - Isopropylbenzene
MC - Methylene Chloride
NAP - Naphthalene
TRIM - Trichlorofluoromethane
PMXY - p/m-Xylenes
OXYL -o-Xylene
DIPE - Diisopropyl Ether (DIPE)
MTBE - Methyl-tert-Butyl Ether (MTBE)
TBA - tert-Butyl Alcohol (TBA)
ND - Not Detected above laboratory detection limits
ug/L - Micrograms per litre
NA - Information not available

Table IV
Summary of Biodegradation Parameters
Former Cenco Refinery
Santa Fe Springs, California
Third Quarter 2011

Well ID	Sample Date	Laboratory Analytical Methods						Field Test Methods		
		Methane (mg/L)	Nitrate-N (mg/L)	Sulfate (mg/L)	Total Alkalinity (mg/L as $CaCO_3$)	Ferrous Iron (mg/L)	Sulfide (µg/L)	pH (SU)	DO (mg/L)	ORP (mV)
MW-101	DRY									
MW-103	DRY									
MW-104A	12/18/2009	1.040	0.791	97.2	790	ND	NA	7.3	5.31	3
	3/3/2010	0.888	ND	95.8	790	ND	NA	6.93	1.65	66
	5/11/2010	0.814	ND	78.4	790	0.126	NA	8.06	NA	19
	8/4/2010	92.8	ND<0.5	87	808	ND<0.1	NA	7.65	2.32	205
	11/3/2010	NA	NA	NA	NA	NA	NA	8.06	2.00	131
	2/2/2011	NA	NA	NA	NA	NA	NA	8.46	3.05	136.4
	4/14/2011	NA	NA	NA	NA	NA	NA	8.10	2.85	128.5
	8/24/2011	NA	NA	NA	NA	NA	NA	7.53	4.47	19.6
MW-105	DRY									
MW-106A	12/17/2009	NA	NA	NA	NA	NA	NA	7.3	7.29	-112
	3/5/2010	NA	NA	NA	NA	NA	NA	6.73	4.71	116
	5/13/2010	NA	NA	NA	NA	NA	NA	8.06	7.90	-38
	8/6/2010	NA	NA	NA	NA	NA	ND<10	8.05	4.52	210
	11/4/2010	NA	NA	NA	NA	NA	NA	8.23	3.09	77
	2/3/2011	NA	NA	NA	NA	NA	NA	NA	NA	NA
	4/19/2011	NA	NA	NA	NA	NA	NA	NA	NA	NA
	8/25/2011	NA	NA	NA	NA	NA	NA	7.67	2.98	-28.1
MW-107A	12/17/2009	NA	NA	NA	NA	NA	NA	7.2	6.99	-276
	3/5/2010	NA	NA	NA	NA	NA	NA	8.70	1.81	-307
	5/13/2010	NA	NA	NA	NA	NA	NA	8.30	NA	-370
	8/6/2010	NA	NA	NA	NA	NA	190	8.10	3.25	-280
	11/4/2010	NA	NA	NA	NA	NA	NA	8.16	2.04	-245

Table IV
Summary of Biodegradation Parameters
Former Cenco Refinery
Santa Fe Springs, California
Third Quarter 2011

Well ID	Sample Date	Laboratory Analytical Methods						Field Test Methods		
		Methane (mg/L)	Nitrate-N (mg/L)	Sulfate (mg/L)	Total Alkalinity (mg/L as $CaCO_3$)	Ferrous Iron (mg/L)	Sulfide (µg/L)	pH (SU)	DO (mg/L)	ORP (mV)
	2/3/2011	NA	NA	NA	NA	NA	NA	8.49	3.42	-338
	4/19/2011	NA	NA	NA	NA	NA	NA	8.02	1.93	-276.8
	8/25/2011	NA	NA	NA	NA	NA	NA	7.82	2.68	-216.7
MW-201	DRY									
MW-202	DRY									
MW-203	DRY									
MW-204	DRY									
MW-205	DRY									
MW-501A	DRY									
MW-502	DRY									
MW-503B	12/15/2009	12.200	ND	274	530	0.361	NA	6.9	7.78	-137
	3/8/2010	4.31	ND	507	450	50.9	NA	7.33	3.38	-96
	5/17/2010	9.98	ND	7.19	760	2.61	NA	8.18	1.79	-69
	8/9/2010	71.8	ND<0.5	10.3	752	ND<0.1	NA	7.60	2.72	147
	11/8/2010	NA	NA	NA	NA	NA	NA	7.62	2.93	7
	2/4/2011	NA	NA	NA	NA	NA	NA	7.96	2.16	-46
	4/15/2011	NA	NA	NA	NA	NA	NA	7.61	1.74	-46.4
	8/29/2011	NA	NA	NA	NA	NA	NA	7.5	2.57	-96.1
MW-504	DRY									
MW-600A	DRY									
MW-601A	DRY									
MW-603	DRY									
MW-604	DRY									
MW-605	DRY									

Table IV
Summary of Biodegradation Parameters
Former Cenco Refinery
Santa Fe Springs, California
Third Quarter 2011

Well ID	Sample Date	Laboratory Analytical Methods						Field Test Methods		
		Methane (mg/L)	Nitrate-N (mg/L)	Sulfate (mg/L)	Total Alkalinity (mg/L as $CaCO_3$)	Ferrous Iron (mg/L)	Sulfide (µg/L)	pH (SU)	DO (mg/L)	ORP (mV)
MW-606	DRY									
MW-607	DRY									
W-1	12/15/2009	NA	NA	NA	NA	NA	NA	7.6	7.10	-39
	3/5/2010	NA	NA	NA	NA	NA	NA	7.51	3.15	-111
	5/13/2010	NA	NA	NA	NA	NA	NA	8.07	2.02	-197
	8/6/2010	NA	NA	NA	NA	NA	ND<10	7.52	3.22	-22
	11/5/2010	NA	NA	NA	NA	NA	NA	8.13	2.75	38
	2/4/2011	NA	NA	NA	NA	NA	NA	8.18	4.84	-63.7
	4/14/2011	NA	NA	NA	NA	NA	NA	7.65	1.94	37.3
	8/26/2011	NA	NA	NA	NA	NA	NA	7.47	3.16	-86
W-4	12/15/2009	NA	NA	NA	NA	NA	NA	8.3	9.40	21
	3/5/2010	NA	NA	NA	NA	NA	NA	7.09	3.41	-101
	5/13/2010	NA	NA	NA	NA	NA	NA	8.00	3.87	-66
	8/6/2010	NA	NA	NA	NA	NA	ND<10	7.74	3.48	16
	11/4/2010	NA	NA	NA	NA	NA	NA	7.75	3.50	45
	2/8/2011	NA	NA	NA	NA	NA	NA	7.67	5.53	-3.5
	4/14/2011	NA	NA	NA	NA	NA	NA	7.79	4.47	107.8
	8/25/2011	NA	NA	NA	NA	NA	NA	7.54	4.75	-92.5
W-3A	DRY									
W-7	12/18/2009	NA	NA	NA	NA	NA	NA	NA	NA	NA
	3/4/2010	NA	NA	NA	NA	NA	NA	NA	NA	NA
	5/17/2010	NA	NA	NA	NA	NA	NA	NA	NA	NA
	8/4/2010	NA	NA	NA	NA	NA	NA	NA	NA	NA
	11/3/2010	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table IV
Summary of Biodegradation Parameters
Former Cenco Refinery
Santa Fe Springs, California
Third Quarter 2011

Well ID	Sample Date	Laboratory Analytical Methods						Field Test Methods		
		Methane (mg/L)	Nitrate-N (mg/L)	Sulfate (mg/L)	Total Alkalinity (mg/L as $CaCO_3$)	Ferrous Iron (mg/L)	Sulfide (µg/L)	pH (SU)	DO (mg/L)	ORP (mV)
	2/2/2011	NA	NA	NA	NA	NA	NA	NA	NA	NA
	4/14/2011	NA	NA	NA	NA	NA	NA	NA	NA	NA
	8/24/2011	NA	NA	NA	NA	NA	NA	NA	NA	NA
W-8	12/18/2009	NA	NA	NA	NA	NA	NA	10.1	7.07	-230
	3/4/2010	NA	NA	NA	NA	NA	NA	NA	NA	NA
	5/17/2010	NA	NA	NA	NA	NA	NA	NA	NA	NA
	8/4/2010	NA	NA	NA	NA	NA	NA	NA	NA	NA
	11/4/2010	NA	NA	NA	NA	NA	NA	NA	NA	NA
	2/7/2011	NA	NA	NA	NA	NA	NA	NA	NA	NA
	4/21/2011	NA	NA	NA	NA	NA	NA	NA	NA	NA
	9/1/2011	NA	NA	NA	NA	NA	NA	NA	NA	NA
W-9	3/3/2010	NA	NA	NA	NA	NA	NA	7.53	5.66	69
	5/12/2010	NA	NA	NA	NA	NA	NA	8.07	7.15	-175
	8/4/2010	NA	NA	NA	NA	NA	NA	7.36	3.36	-60
	4/5/2011	NA	NA	NA	NA	NA	NA	7.71	4.07	82.3
	8/24/2011	NA	NA	NA	NA	NA	NA	7.62	4.9	-4.9
W-10	12/18/2009	NA	NA	NA	NA	NA	NA	7.2	6.89	-97
	3/8/2010	NA	NA	NA	NA	NA	NA	NA	NA	NA
	5/17/2010	NA	NA	NA	NA	NA	NA	NA	NA	NA
	8/9/2010	NA	NA	NA	NA	NA	NA	NA	NA	NA
	11/3/2010	NA	NA	NA	NA	NA	NA	7.53	3.39	-10
	11/8/2010	NA	NA	NA	NA	NA	NA	NA	NA	NA
	2/2/2011	NA	NA	NA	NA	NA	NA	7.83	3.57	41.6
	2/8/2011	NA	NA	NA	NA	NA	NA	7.28	5.51	-103

Table IV
Summary of Biodegradation Parameters
Former Cenco Refinery
Santa Fe Springs, California
Third Quarter 2011

Well ID	Sample Date	Laboratory Analytical Methods						Field Test Methods		
		Methane (mg/L)	Nitrate-N (mg/L)	Sulfate (mg/L)	Total Alkalinity (mg/L as $CaCO_3$)	Ferrous Iron (mg/L)	Sulfide (µg/L)	pH (SU)	DO (mg/L)	ORP (mV)
	4/15/2011	NA	NA	NA	NA	NA	NA	NA	NA	NA
	8/29/2011	NA	NA	NA	NA	NA	NA	7.14	2.7	-130.2
W-11	12/8/2010	NA	NA	NA	NA	NA	NA	NA	NA	NA
	2/4/2011	NA	NA	NA	NA	NA	NA	7.67	5.62	-119
	4/15/2011	NA	NA	NA	NA	NA	NA	7.58	1.68	-77
	8/29/2011	NA	NA	NA	NA	NA	NA	7.35	2.2	-125.7
W-12	12/18/2009	NA	NA	NA	NA	NA	NA	7.0	6.96	0
	3/4/2010	NA	NA	NA	NA	NA	NA	7.53	3.15	-63
	5/12/2010	NA	NA	NA	NA	NA	NA	7.87	NA	-180
	8/5/2010	NA	NA	NA	NA	NA	NA	7.61	2.65	-100
	11/4/2010	NA	NA	NA	NA	NA	NA	7.88	2.64	7
	2/3/2011	NA	NA	NA	NA	NA	NA	8.28	2.85	-99
	4/19/2011	NA	NA	NA	NA	NA	NA	7.77	2.10	15.2
	8/25/2011	NA	NA	NA	NA	NA	NA	7.5	2.78	-58.5
MW-14A	12/15/2009	NA	NA	NA	NA	NA	NA	7.7	7.76	-23
	3/1/2010	NA	NA	NA	NA	NA	NA	6.61	4.09	58
	5/10/2010	NA	NA	NA	NA	NA	NA	8.63	2.74	2
	8/2/2010	NA	NA	NA	NA	NA	NA	8.02	3.12	145
	11/1/2010	NA	NA	NA	NA	NA	NA	8.30	2.87	46
	1/31/2011	NA	NA	NA	NA	NA	NA	8.30	13.16	185.4
	4/4/2011	NA	NA	NA	NA	NA	NA	8.29	4.81	89.6
	8/22/2011	NA	NA	NA	NA	NA	NA	7.87	10.15	22.8
MW-14B	12/15/2009	NA	NA	NA	NA	NA	NA	8.4	7.79	97
	3/1/2010	NA	NA	NA	NA	NA	NA	7.72	2.60	-5

Table IV
Summary of Biodegradation Parameters
Former Cenco Refinery
Santa Fe Springs, California
Third Quarter 2011

Well ID	Sample Date	Laboratory Analytical Methods						Field Test Methods		
		Methane (mg/L)	Nitrate-N (mg/L)	Sulfate (mg/L)	Total Alkalinity (mg/L as $CaCO_3$)	Ferrous Iron (mg/L)	Sulfide (µg/L)	pH (SU)	DO (mg/L)	ORP (mV)
	5/10/2010	NA	NA	NA	NA	NA	NA	8.43	3.00	-172
	8/2/2010	NA	NA	NA	NA	NA	NA	7.80	4.60	33
	11/1/2010	NA	NA	NA	NA	NA	NA	8.13	3.37	37
	1/31/2011	NA	NA	NA	NA	NA	NA	8.17	19.82	194
	4/4/2011	NA	NA	NA	NA	NA	NA	8.27	5.95	82.6
	8/22/2011	NA	NA	NA	NA	NA	NA	7.95	7.9	22.7
MW-14C	12/15/2009	NA	NA	NA	NA	NA	NA	8.2	8.57	77
	3/1/2010	NA	NA	NA	NA	NA	NA	7.22	2.43	188
	5/10/2010	NA	NA	NA	NA	NA	NA	8.17	0.80	-77
	8/2/2010	NA	NA	NA	NA	NA	NA	7.60	3.55	128
	11/1/2010	NA	NA	NA	NA	NA	NA	7.89	3.15	49
	1/31/2011	NA	NA	NA	NA	NA	NA	7.88	10.85	188
	4/4/2011	NA	NA	NA	NA	NA	NA	7.98	3.27	51.3
	8/22/2011	NA	NA	NA	NA	NA	NA	7.76	4.24	-3.7
MW-15A	12/14/2009	NA	NA	NA	NA	NA	NA	7.3	9.15	85
	3/2/2010	NA	NA	NA	NA	NA	NA	7.12	2.67	202
	5/10/2010	NA	NA	NA	NA	NA	NA	7.90	NA	-228
	8/2/2010	NA	NA	NA	NA	NA	NA	7.39	1.96	-145
	11/1/2010	NA	NA	NA	NA	NA	NA	7.67	2.85	32
	2/1/2011	NA	NA	NA	NA	NA	NA	7.89	2.05	-33
	4/5/2011	NA	NA	NA	NA	NA	NA	8.00	2.60	-81.7
	8/23/2011	NA	NA	NA	NA	NA	NA	7.47	4.96	-148.7
MW-15B	12/14/2009	NA	NA	NA	NA	NA	NA	7.4	7.44	-58
	3/2/2010	NA	NA	NA	NA	NA	NA	7.61	2.39	94

Table IV
Summary of Biodegradation Parameters
Former Cenco Refinery
Santa Fe Springs, California
Third Quarter 2011

Well ID	Sample Date	Laboratory Analytical Methods						Field Test Methods		
		Methane (mg/L)	Nitrate-N (mg/L)	Sulfate (mg/L)	Total Alkalinity (mg/L as $CaCO_3$)	Ferrous Iron (mg/L)	Sulfide (µg/L)	pH (SU)	DO (mg/L)	ORP (mV)
	5/11/2010	NA	NA	NA	NA	NA	NA	8.09	4.36	-15
	8/3/2010	NA	NA	NA	NA	NA	NA	7.74	3.42	107
	11/2/2010	NA	NA	NA	NA	NA	NA	8.06	3.18	40
	2/1/2011	NA	NA	NA	NA	NA	NA	8.15	4.58	286
	4/5/2011	NA	NA	NA	NA	NA	NA	8.10	2.92	62.4
	8/23/2011	NA	NA	NA	NA	NA	NA	7.56	3.85	-2.1
MW-15C	12/14/2009	NA	NA	NA	NA	NA	NA	7.2	7.18	-53
	3/2/2010	NA	NA	NA	NA	NA	NA	7.33	2.27	148
	5/11/2010	NA	NA	NA	NA	NA	NA	8.16	4.73	-21
	8/3/2010	NA	NA	NA	NA	NA	NA	7.60	2.72	108
	11/2/2010	NA	NA	NA	NA	NA	NA	7.55	2.40	62
	2/1/2011	NA	NA	NA	NA	NA	NA	7.81	4.58	123.7
	4/5/2011	NA	NA	NA	NA	NA	NA	7.92	2.85	109
	8/23/2011	NA	NA	NA	NA	NA	NA	7.54	4.32	-2.4
MW-16A	12/16/2009	NA	NA	NA	NA	NA	NA	7.6	6.90	-62
	3/5/2010	NA	NA	NA	NA	NA	NA	7.03	3.47	-5
	5/14/2010	NA	NA	NA	NA	NA	NA	8.28	2.23	-54
	8/9/2010	NA	NA	NA	NA	NA	NA	7.98	2.65	106
	11/5/2010	NA	NA	NA	NA	NA	NA	8.03	6.15	48
	2/7/2011	NA	NA	NA	NA	NA	NA	7.82	4.09	249
	4/18/2011	NA	NA	NA	NA	NA	NA	7.88	4.00	94.9
	8/26/2011	NA	NA	NA	NA	NA	NA	7.73	4.11	-73.4
MW-16B	12/16/2009	NA	NA	NA	NA	NA	NA	8.2	7.61	-184
	3/8/2010	NA	NA	NA	NA	NA	NA	8.15	3.20	-236

Table IV
Summary of Biodegradation Parameters
Former Cenco Refinery
Santa Fe Springs, California
Third Quarter 2011

Well ID	Sample Date	Laboratory Analytical Methods						Field Test Methods		
		Methane (mg/L)	Nitrate-N (mg/L)	Sulfate (mg/L)	Total Alkalinity (mg/L as $CaCO_3$)	Ferrous Iron (mg/L)	Sulfide (µg/L)	pH (SU)	DO (mg/L)	ORP (mV)
	5/14/2010	NA	NA	NA	NA	NA	NA	8.62	0.77	-310
	8/9/2010	NA	NA	NA	NA	NA	NA	8.01	2.88	-217
	11/5/2010	NA	NA	NA	NA	NA	NA	8.30	2.68	-119
	2/7/2011	NA	NA	NA	NA	NA	NA	8.12	3.54	-297
	4/18/2011	NA	NA	NA	NA	NA	NA	8.47	2.56	-247
	8/26/2011	NA	NA	NA	NA	NA	NA	8.01	2.72	-217.4
MW-16C	12/16/2009	NA	NA	NA	NA	NA	NA	8.2	7.12	-206
	3/8/2010	NA	NA	NA	NA	NA	NA	8.33	3.64	-237
	5/14/2010	NA	NA	NA	NA	NA	NA	8.68	NA	-295
	8/9/2010	NA	NA	NA	NA	NA	NA	8.02	2.57	-165
	11/5/2010	NA	NA	NA	NA	NA	NA	8.24	2.37	-72
	2/7/2011	NA	NA	NA	NA	NA	NA	8.03	4.34	-285
	4/18/2011	NA	NA	NA	NA	NA	NA	8.55	2.88	-249.5
	8/26/2011	NA	NA	NA	NA	NA	NA	7.81	2.71	-223.2
W-17A	12/18/2009	NA	NA	NA	NA	NA	NA	8.0	7.10	30
	3/3/2010	NA	NA	NA	NA	NA	NA	6.67	5.41	74
	5/12/2010	NA	NA	NA	NA	NA	NA	8.25	0.88	-40
	8/4/2010	NA	NA	NA	NA	NA	NA	7.78	2.35	62
	11/3/2010	NA	NA	NA	NA	NA	NA	8.17	2.95	76
	2/2/2011	NA	NA	NA	NA	NA	NA	8.36	5.96	349
	4/20/2011	NA	NA	NA	NA	NA	NA	7.85	3.51	-5.8
	8/24/2011	NA	NA	NA	NA	NA	NA	7.85	3.23	2.6
W-17B	12/18/2009	NA	NA	NA	NA	NA	NA	8.5	7.18	-173
	3/3/2010	NA	NA	NA	NA	NA	NA	7.87	4.80	-197

Table IV
Summary of Biodegradation Parameters
Former Cenco Refinery
Santa Fe Springs, California
Third Quarter 2011

Well ID	Sample Date	Laboratory Analytical Methods						Field Test Methods		
		Methane (mg/L)	Nitrate-N (mg/L)	Sulfate (mg/L)	Total Alkalinity (mg/L as $CaCO_3$)	Ferrous Iron (mg/L)	Sulfide (µg/L)	pH (SU)	DO (mg/L)	ORP (mV)
	5/12/2010	NA	NA	NA	NA	NA	NA	8.35	NA	-313
	8/5/2010	NA	NA	NA	NA	NA	NA	7.96	2.31	-189
	11/3/2010	NA	NA	NA	NA	NA	NA	8.09	2.56	-25
	2/2/2011	NA	NA	NA	NA	NA	NA	8.43	3.45	-269
	4/20/2011	NA	NA	NA	NA	NA	NA	8.11	3.32	-168.5
	8/24/2011	NA	NA	NA	NA	NA	NA	7.88	3.41	-153.7
W-17C	12/18/2009	NA	NA	NA	NA	NA	NA	8.8	8.74	-177
	3/4/2010	NA	NA	NA	NA	NA	NA	7.96	5.90	-209
	5/12/2010	NA	NA	NA	NA	NA	NA	8.49	3.03	-322
	8/5/2010	NA	NA	NA	NA	NA	NA	8.01	2.64	-167
	11/3/2010	NA	NA	NA	NA	NA	NA	8.16	2.79	-120
	2/2/2011	NA	NA	NA	NA	NA	NA	8.47	3.96	-301
	4/20/2011	NA	NA	NA	NA	NA	NA	8.26	2.08	-223.7
	8/24/2011	NA	NA	NA	NA	NA	NA	7.94	3.12	-201.7
EW-1	2/3/2011	NA	NA	NA	NA	NA	NA	7.90	6.61	-258
	4/13/2011	NA	NA	NA	NA	NA	NA	8.15	2.86	-210
	8/29/2011	NA	NA	NA	NA	NA	NA	7.62	2.74	-293
MW-701	2/4/2011	NA	NA	NA	NA	NA	NA	6.09	NA	NA
	4/11/2011	NA	NA	NA	NA	NA	NA	7.60	3.67	180.6
	8/30/2011	NA	NA	NA	NA	NA	NA	7.5	3.98	-31.2
MW-702	2/4/2011	NA	NA	NA	NA	NA	NA	6.04	NA	NA
	4/12/2011	NA	NA	NA	NA	NA	NA	7.70	3.29	103.1
	8/30/2011	NA	NA	NA	NA	NA	NA	7.34	3.23	-155.3
MW-703	2/4/2011	NA	NA	NA	NA	NA	NA	6.25	NA	NA

Table IV
Summary of Biodegradation Parameters
Former Cenco Refinery
Santa Fe Springs, California
Third Quarter 2011

Well ID	Sample Date	Laboratory Analytical Methods						Field Test Methods		
		Methane (mg/L)	Nitrate-N (mg/L)	Sulfate (mg/L)	Total Alkalinity (mg/L as $CaCO_3$)	Ferrous Iron (mg/L)	Sulfide (µg/L)	pH (SU)	DO (mg/L)	ORP (mV)
	4/12/2011	NA	NA	NA	NA	NA	NA	7.57	3.53	132.4
	8/30/2011	NA	NA	NA	NA	NA	NA	7.3	4.2	-87.1
MW-704	2/9/2011	NA	NA	NA	NA	NA	NA	6.08	NA	NA
	4/13/2011	NA	NA	NA	NA	NA	NA	7.46	4.60	134.6
	8/31/2011	NA	NA	NA	NA	NA	NA	7.4	4.02	99.4
MW-705	2/4/2011	NA	NA	NA	NA	NA	NA	6.01	NA	NA
	4/12/2011	NA	NA	NA	NA	NA	NA	7.79	3.40	127.6
	8/31/2011	NA	NA	NA	NA	NA	NA	7.78	3.7	-55.5
MW-706	2/4/2011	NA	NA	NA	NA	NA	NA	6.21	NA	NA
	4/11/2011	NA	NA	NA	NA	NA	NA	7.99	4.02	158.7
	8/31/2011	NA	NA	NA	NA	NA	NA	7.76	3.03	-41.2
MW-707	2/4/2011	NA	NA	NA	NA	NA	NA	6.22	NA	NA
	4/8/2011	NA	NA	NA	NA	NA	NA	7.89	3.24	51.9
	9/1/2011	NA	NA	NA	NA	NA	NA	7.3	3.73	-9.4
MW-708	2/4/2011	NA	NA	NA	NA	NA	NA	5.99	NA	NA
	4/6/2011	NA	NA	NA	NA	NA	NA	7.84	3.03	-119.8
	9/1/2011	NA	NA	NA	NA	NA	NA	7.51	3.45	-147.2
MW-709	2/4/2011	NA	NA	NA	NA	NA	NA	6.27	NA	NA
	4/6/2011	NA	NA	NA	NA	NA	NA	8.08	3.74	149.6
	9/1/2011	NA	NA	NA	NA	NA	NA	7.38	2.97	-37
MW-710	2/8/2011	NA	NA	NA	NA	NA	NA	6.18	NA	NA
	4/7/2011	NA	NA	NA	NA	NA	NA	7.88	3.54	97.7
	9/2/2011	NA	NA	NA	NA	NA	NA	6.87	3.68	-10.2
MW-711	2/8/2011	NA	NA	NA	NA	NA	NA	5.99	NA	NA

Table IV
Summary of Biodegradation Parameters
Former Cenco Refinery
Santa Fe Springs, California
Third Quarter 2011

Well ID	Sample Date	Laboratory Analytical Methods						Field Test Methods		
		Methane (mg/L)	Nitrate-N (mg/L)	Sulfate (mg/L)	Total Alkalinity (mg/L as $CaCO_3$)	Ferrous Iron (mg/L)	Sulfide (µg/L)	pH (SU)	DO (mg/L)	ORP (mV)
	4/6/2011	NA	NA	NA	NA	NA	NA	7.91	3.39	-59.2
	9/2/2011	NA	NA	NA	NA	NA	NA	7.06	3.54	-99.8
MW-712	2/7/2011	NA	NA	NA	NA	NA	NA	6.03	NA	NA
	4/7/2011	NA	NA	NA	NA	NA	NA	7.74	3.08	21.7
	9/2/2011	NA	NA	NA	NA	NA	NA	7.1	2.68	-59.7
MW-713	2/7/2011	NA	NA	NA	NA	NA	NA	6.13	NA	NA
	4/8/2011	NA	NA	NA	NA	NA	NA	7.95	3.84	99.5
	9/2/2011	NA	NA	NA	NA	NA	NA	7.2	3.13	-51.4
MW-714	2/8/2011	NA	NA	NA	NA	NA	NA	6.20	NA	NA
	4/7/2011	NA	NA	NA	NA	NA	NA	7.92	3.53	33.6
	9/2/2011	NA	NA	NA	NA	NA	NA	7.21	3.15	-63.4
MW-715	2/14/2011	NA	NA	NA	NA	NA	NA	7.50	NA	NA
	4/8/2011	NA	NA	NA	NA	NA	NA	7.78	2.59	16.3
	9/2/2011	NA	NA	NA	NA	NA	NA	7.15	3.2	-89.8

Methane by U.S. EnviroNAental Protection Agency (EPA) Method RSK-175M

Nitrate (as N) and sulfate by EPA Method 300.0

Total alkalinity (as calcium carbonate [$CaCO_3$]) by Standard Method 2320B

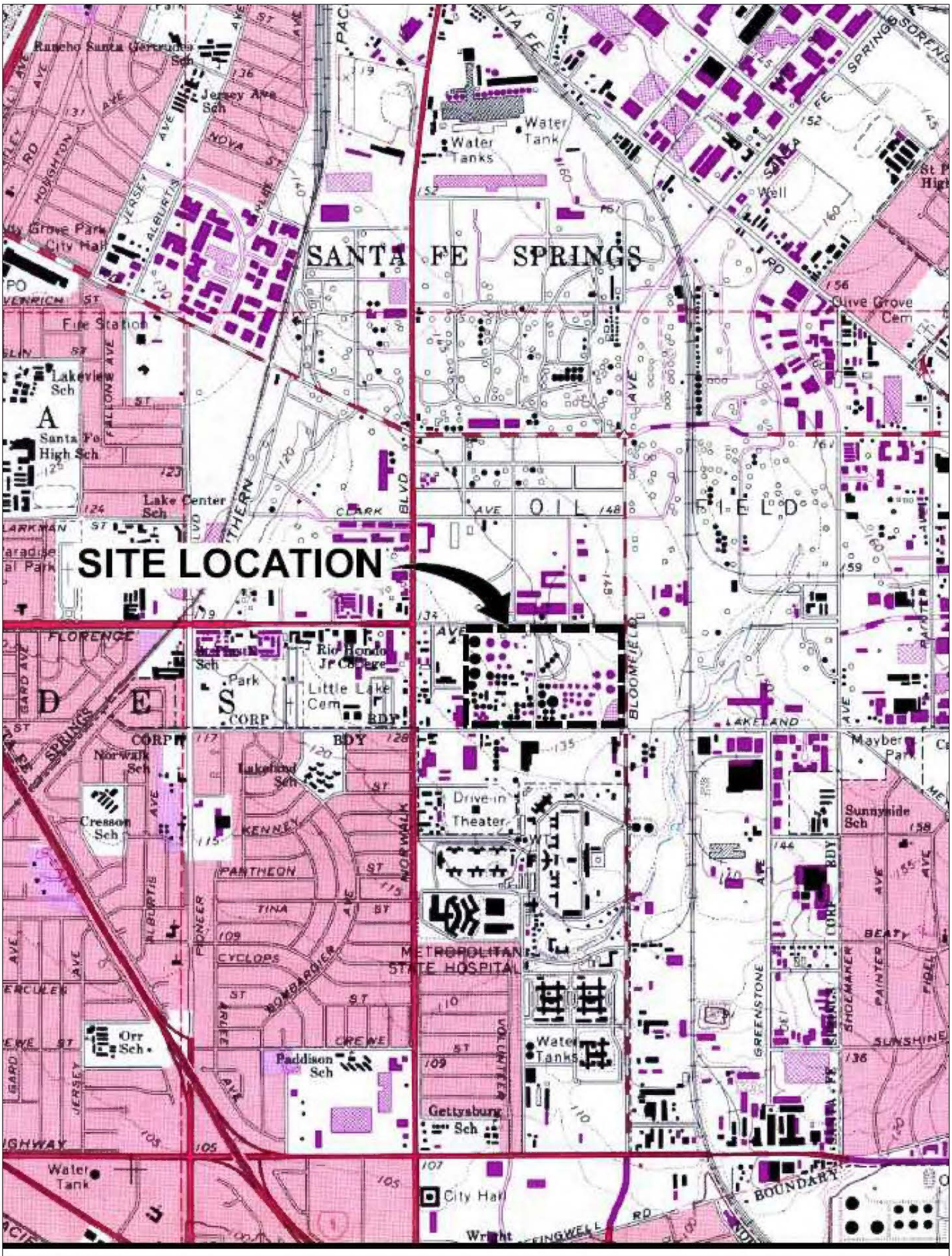
Ferrous iron by Standard Method 3500-FeD

NA	not analyzed
NS - I	not sampled - well inaccessible
NS - FP	not sampled - free product present
NS - Dry	not sampled - well is dry
DO	dissolved oxygen
mg/L	milligram(s) per liter

Table IV
Summary of Biodegradation Parameters
Former Cenco Refinery
Santa Fe Springs, California
Third Quarter 2011

Well ID	Sample Date	Laboratory Analytical Methods						Field Test Methods		
		Methane (mg/L)	Nitrate-N (mg/L)	Sulfate (mg/L)	Total Alkalinity (mg/L as $CaCO_3$)	Ferrous Iron (mg/L)	Sulfide (µg/L)	pH (SU)	DO (mg/L)	ORP (mV)

mV	millivolts
ND	not detected at the indicated reporting limit
ORP	oxidation-reduction potential
SU	standard units
*	sulfide was analyzed by SunStar due to the belief that the analyte was responsible for affecting the analytical equ



SOURCE OF BASE MAP
U.S. GEOLOGICAL SURVEY, 7.5 MIN QUAD., WHITTIER, CA. 1965, PHOTOREVISED 1981

N
W E
S

SCALE: NOT TO SCALE

DRAWN BY: RLM REVISION DATE: 3/8/11

FORMER CENCO REFINERY
12345 LAKELAND ROAD
SANTA FE SPRINGS, CALIFORNIA

SITE LOCATION MAP

MUREX environmental, inc

FIGURE
1

FX-9 Wells

FX-9 Wells

FX-9 Wells

FX-9 Wells

FX-9 Wells

Appendix A

GROUNDWATER SAMPLING LOG

PROJECT NAME: CENCO
PROJECT NO.: 1003-001-300
DATE: 8-29-2011 3Q 2011

WELL NO. **EW-1** Walker
SAMPLED BY: Frane Sosic

WELL NOTES: Typically has product
WELL CONDITION: OK

WEATHER CONDITIONS: Clear/sunny/Hot (~95°F)

PURGING AND SAMPLING EQUIPMENT:
YSI 556
Interface probe (200')
4-gas meter

WELL INFORMATION		
TOP OF CASING ELEV.		(ft.)
WELL DIAMETER 4"		(inches)
DEPTH OF WELL 113.5		(ft.)
DEPTH TO WATER 106.10		(ft.)
HEIGHT OF WATER COLUMN 7.4		(ft.)
CASING VOLUME*	Hgt. ~~x 0.163~~ 0.66 Gal./Ft. = 4.884	(gal)
PURGE VOLUME	x 3 = 14.652	(gal)
PRODUCT THICKNESS 1.78 feet (measured on 8-19-2011)		(ft.)

PURGE DATA

Time:	Purge Volume (Gal.)	Flow Rate (Gal./Min.)	pH	Sp.Cond. mS/cm	Turbidity NTUs	DO mg/L	Temperature (F/C)	TDS	ORP mV	Color (w/sheen)	Odor Strong
1045	5		7.71	1.643	/	2.30	21.45	/	-233.0	Olive green	CH_4/H_2S odor
1049	10		7.67	1.688	/	1.87	21.87	/	-259.3	Olive green	-//-
1054	15		7.64	1.717	/	2.71	22.41	/	-262.7	Cloudy	-//-

Sample No.	Sample Time Time	Packing	Analyses	Container	Quantity	Preservative
NS	8-29-11	ice	8260B - VOCs + Oxys	VOAs	3	HCL
NS	11:30	ice	8015M - TPH-g	VOAs	3	HCL

NOTES:
Air-assist line used for purge / Bailer stuck in well
~~LL-EW1-082911-01 @ 11:30~~ Pulled entire stringer out and re-zip-tied air line.
NOT SAMPLED DUE TO FREE PRODUCT
Bailer came up 1/2 full of FPRH (very dark brown) almost black

ADDITIONAL INFORMATION:
TOC = Top of well casing
*Casing Volume = r^2h(ft) x 7.48 gal/ft.^{3}

4" well = 0.66 Gal./Foot 2" well = 0.163 Gal./Foot

Additional Groundwater Quality Parameters

Page 2 of 2

PROJECT NAME: CENCO

PROJECT NO.: 1003-001-300

DATE: 8·29·2011 (3Q 2011)

WELL NO. EW-1

SAMPLED BY: Frane Sosic

Time:	Purge Volume (Gal.)	Flow Rate (Gal./Min.)	pH	Sp.Cond. mS/cm)	Turbidity NTUs	DO mg/L	Temperature (F/C)	TDS	ORP mV	Color	Odor Strong
1058	20		7.64	1.716		2.64	22.50		-279.6	Clear	CH_4/H_2S odor
1101	25		7.63	1.723		2.51	22.43		-278.3	Clear	-"-
1103	30		7.63	1.705		3.62	22.18		-286.9	Clear	-"-
1109	35		7.59	1.721		2.54	22.50		-288.4	Clear	-"-
1111	40		7.61	1.685		2.29	21.86		-292.0	Clear	-"-
1116	45		7.61	1.711		2.50	22.32		-291.3	Clear	-"-
1120	50		7.62	1.691		2.74	22.16		-293.0	Clear	-"-

GROUNDWATER SAMPLING LOG

PROJECT NAME: CENCO
PROJECT NO.: 1003-001-300
DATE: 8.24.2011 3Q 2011

WELL NO. **MW-104A** Site
SAMPLED BY: Frane Sosic

WELL NOTES: May Be Dry
WELL CONDITION: OK

WEATHER CONDITIONS: Clear & sunny (~84°F)

PURGING AND SAMPLING EQUIPMENT:
YSI 556
Interface probe (200')
4-gas meter

WELL INFORMATION		
TOP OF CASING ELEV.		(ft.)
WELL DIAMETER	4"	(inches)
DEPTH OF WELL	100.08	(ft.)
DEPTH TO WATER	93.75	(ft.)
HEIGHT OF WATER COLUMN	6.33	(ft.)
CASING VOLUME*	Hgt. x ~~0.163~~ 0.66 Gal./Ft. = 4.1778	(gal)
PURGE VOLUME	x 3 = 12.5334	(gal)
PRODUCT THICKNESS		(ft.)

PURGE DATA

Time:	Purge Volume (Gal.)	Flow Rate (Gal./Min.)	pH	Sp.Cond. mS/cm)	Turbidity NTUs	DO mg/L	Temperature (F/C)	TDS	ORP mV	Color	Odor
9:17	4		7.53	2.377	/	4.47	18.67	/	19.6	Olive gray	Strong
	8										
	12										

Sample No.	Sample Time Time	Packing	Analyses	Container	Quantity	Preserv-ative
1	1530	ice	8260B - VOCs + Oxys	VOAs	3	HCL
1	1530	ice	8015M - TPH-g	VOAs	3	HCL

NOTES:
Air-assist line connected for purge.
Well begins to go dry almost immediately after purging begins... just a mist/spray coming up. Dry @ ~ 4-5 gal. Will sample @ end of day or tomorrow.
LL_MW104A_082411-01 @ 1530

ADDITIONAL INFORMATION:
TOC = Top of well casing
*Casing Volume = r^2h(ft) x 7.48 gal/ft.^{3}

4" well = 0.66 Gal./Foot 2" well = 0.163 Gal./Foot

GROUNDWATER SAMPLING LOG

PROJECT NAME: CENCO
PROJECT NO.: 1003-001-300
DATE: 8-25-2011 3Q 2011

WELL NO. **MW-106A** Bloomfield
SAMPLED BY: Frane Sosic

WELL NOTES:
WELL CONDITION:
OK

WEATHER CONDITIONS:
Clear + sunny w/ light breeze (~90°F)

PURGING AND SAMPLING EQUIPMENT:
YSI 556
Interface probe (200')
4-gas meter

WELL INFORMATION		
TOP OF CASING ELEV.		(ft.)
WELL DIAMETER	4"	(inches)
DEPTH OF WELL	110.00	(ft.)
DEPTH TO WATER	107.06	(ft.)
HEIGHT OF WATER COLUMN	2.94	(ft.)
CASING VOLUME*	Hgt. x ~~0.163~~ 0.66 Gal./Ft. = 1.9404	(gal)
PURGE VOLUME	x 3 = 5.8212	(gal)
PRODUCT THICKNESS		(ft.)

PURGE DATA

Time:	Purge Volume (Gal.)	Flow Rate (Gal./Min.)	pH	Sp.Cond. mS/cm	Turbidity NTUs	DO mg/L	Temperature (F/C)	TDS	ORP mV	Color	Odor
1119	2		7.67	2.457	/	2.98	23.72	/	-28.1	Light grey	Strong
	4										
	6										

Sample No.	Sample Time Time	Packing	Analyses	Container	Quantity	Preserv-ative
1	8-25-11	ice	8260B - VOCs + Oxys	VOAs	3	HCL
1	1425	ice	8015M - TPH-g	VOAs	3	HCL

NOTES:
Well went dry after approx. 2 gallons
Will allow re-charge; sample end of day today or tomorrow.
LL_MW106A_082511_01 @ 1425

ADDITIONAL INFORMATION:
TOC = Top of well casing
*Casing Volume = r^2h(ft) x 7.48 gal/ft.^{3}

4" well = 0.66 Gal./Foot 2" well = 0.163 Gal./Foot

GROUNDWATER SAMPLING LOG

PROJECT NAME: CENCO
PROJECT NO.: 1003-001-300
DATE: 8-25-2011 3Q 2011

WELL NO. **MW-107A** Bloomfield
SAMPLED BY: Frane Sosic

WELL NOTES:
WELL CONDITION: GOOD

WEATHER CONDITIONS: Clear/sunny/light breeze/HOT ~ 90+°F

PURGING AND SAMPLING EQUIPMENT:
YSI 556
Interface probe (200')
4-gas meter

WELL INFORMATION		
TOP OF CASING ELEV.		(ft.)
WELL DIAMETER	4"	(inches)
DEPTH OF WELL	109.50	(ft.)
DEPTH TO WATER	105.01	(ft.)
HEIGHT OF WATER COLUMN	4.49 x 0.66	(ft.)
CASING VOLUME*	Hgt. ~~x 0.163~~ Gal./Ft. = 2.9634	(gal)
PURGE VOLUME	x 3 = 8.8902	(gal)
PRODUCT THICKNESS		(ft.)

PURGE DATA

Time:	Purge Volume (Gal.)	Flow Rate (Gal./Min.)	pH	Sp.Cond. mS/cm	Turbidity NTUs	DO mg/L	Temperature (F/C)	TDS	ORP mV	Color	Odor
1312	3		7.28	3.189	/	2.86	25.55	/	-122.4	Dark gray	Strong CH_4 / H_2S odor!
1314	6		7.52	2.477		2.72	23.71		-174.3	BLACK	-11-
1317	9		7.82	2.304		2.68	23.26		-216.7	BLACK	-11-

Sample No.	Sample Time	Packing	Analyses	Container	Quantity	Preservative
1	8-25-11 1330	ice	8260B - VOCs + Oxys	VOAs	3	HCL
1		ice	8015M - TPH-g	VOAs	3	HCL
2	8-25-11 1345	ice	8260B - VOCs + Oxys	VOAs	3	HCL
2		ice	8015M - TPH-g	VOAs	3	HCL

NOTES: Very odiferous water
Very hard to sample from due to bent casing and/or stinger!

LL_MW107A_082511-01 @ 13:30
Duplicate
Duplicate LL_MW107A_082511-02 @ 13:45

ADDITIONAL INFORMATION:

TOC = Top of well casing

*Casing Volume = r^2h(ft) x 7.48 gal/ft.^{3}

4" well = 0.66 Gal./Foot 2" well = 0.163 Gal./Foot

GROUNDWATER SAMPLING LOG

PROJECT NAME: CENCO
PROJECT NO.: 1003-001-300
DATE: 8-29-2011 3Q 2011

WELL NO. **MW-503B** Lakeland
SAMPLED BY: Frane Sosic

WELL NOTES:
WELL CONDITION:
NOT GOOD

WEATHER CONDITIONS:
Clear/Sunny/Light breeze (~94°F)

PURGING AND SAMPLING EQUIPMENT:
YSI 556
Interface probe (200')
4-gas meter

WELL INFORMATION		
TOP OF CASING ELEV.		(ft.)
WELL DIAMETER	4"	(inches)
DEPTH OF WELL	108.67	(ft.)
DEPTH TO WATER	103.79	(ft.)
HEIGHT OF WATER COLUMN	4.88 0.66	(ft.)
CASING VOLUME*	Hgt. x ~~0.163~~ Gal./Ft. = 3.2208	(gal)
PURGE VOLUME	x 3 = 9.6624	(gal)
PRODUCT THICKNESS		(ft.)

PURGE DATA

Time:	Purge Volume (Gal.)	Flow Rate (Gal./Min.)	pH	Sp.Cond. µS/cm	Turbidity NTUs	DO mg/L	Temperature (F/C)	TDS	ORP mV	Color	Odor
1355	4		-1.48 ??	1.967	/	2.93	25.84	/	209.6	Olive gray	Strong Gasoline odor
1359	6		7.57	1.912	/	2.84	24.49	/	-89.7	Cloudy	-11-
1402	10		7.50	1.872	/	2.57	23.55	/	-96.1	Cloudy	-11-

Sample No.	Sample Time Time	Packing	Analyses	Container	Quantity	Preserv-ative	NOTES:
1	8-29-11	ice	8260B - VOCs + Oxys	VOAs	3	HCL	LL_MW503B_082911_01 @ 14:20
1	1420	ice	8015M - TPH-g	VOAs	3	HCL	

ADDITIONAL INFORMATION:

TOC = Top of well casing

*Casing Volume = r^2h(ft) x 7.48 gal/ft.^{3}

4" well = 0.66 Gal./Foot

2" well = 0.163 Gal./Foot

GROUNDWATER SAMPLING LOG

PROJECT NAME: CENCO
PROJECT NO.: 1003-001-300
DATE: 8-30-2011 3Q 2011

WELL NO. **MW-701** Site
SAMPLED BY: Frane Sosic

Well Notes: New 4" well
WELL CONDITION: Great (needs new lock)

WEATHER CONDITIONS: High marine layer/humid ~ 85°F

PURGING AND SAMPLING EQUIPMENT:
YSI 556
Interface probe (200')
4-gas meter

WELL INFORMATION		
TOP OF CASING ELEV.		(ft.)
WELL DIAMETER 4"		(inches)
DEPTH OF WELL	130.00	(ft.)
DEPTH TO WATER	102.36	(ft.)
HEIGHT OF WATER COLUMN	27.64	(ft.)
CASING VOLUME*	Hgt. x 0.66 Gal./Ft. = 18.2424	(gal)
PURGE VOLUME	x 3 = 54.7272	(gal)
PRODUCT THICKNESS		(ft.)

PURGE DATA

Time:	Purge Volume (Gal.)	Flow Rate (Gal./Min.)	pH	Sp.Cond. µ℧s/cm)	Turbidity NTUs	DO mg/L	Temperature (F/C)	TDS	ORP µV	Color Silty	Odor
933	5		-6.05 ??	1.835	/	9.37	21.13	/	505.4	Dk gray	Very slight
935	10		7.14	1.819	/	7.23	20.60	/	-23.4	-"-	-"-
936	15		7.56	1.819	/	6.11	20.70	/	-17.6	-"-	-"-

Sample No.	Sample Time Time	Packing	Analyses	Container	Quantity	Preservative
1	8-30-11	ice	8260B - VOCs + Oxys	VOAs	3	HCL
1	1000	ice	8015M - TPH-g	VOAs	3	HCL
2	8-30-11	ice	8260B	VOAs	3	HCl
2	1013	ice	8015M	VOAs	3	HCl

NOTES: Air-assist used for purge
LL_MW701_083011_01 @ 1000
LL_MW701_083011_02 @ 1013

ADDITIONAL INFORMATION:
TOC = Top of well casing
*Casing Volume = r^2h(ft) x 7.48 gal/ft.^{3}

4" well = 0.66 Gal./Foot 2" well = 0.163 Gal./Foot

Additional Groundwater Quality Parameters

Page 2 of 2

PROJECT NAME: CENCO

PROJECT NO.: 1003-001-300

DATE: 8-30-2011 (3Q2011)

WELL NO. 701

SAMPLED BY: Frane Sosic

Time:	Purge Volume (Gal.)	Flow Rate (Gal./Min.)	pH	Sp.Cond. µS/cm	Turbidity NTUs	DO mg/L	Temperature (F/C)	TDS	ORP mV	Color	Odor
937	20		7.56	1.829		5.26	20.92		-22.4	Dark gray	Very slight
938	25		7.55	1.833		4.32	21.02		-22.7	-11-	None
939	30		7.54	1.837		4.14	21.04		-28.3	-11-	None
940	35		7.53	1.839		3.97	21.20		-30.2	Light gray	None
941	40		7.53	1.840		3.82	21.16		-36.5	-11-	None
943	45		7.51	1.839		3.71	21.06		-38.3	Cloudy	None
944	50		7.49	1.826		3.91	20.88		-26.0	Cloudy	None
946	55		7.50	1.835		3.98	20.93		-31.2	Clear	None

GROUNDWATER SAMPLING LOG

PROJECT NAME: CENCO
PROJECT NO.: 1003-001-300
DATE: 8-30-2011 / 3Q 2011

WELL NO. **MW-702** Site
SAMPLED BY: Frane Sosic

Well Notes: New 4" well
WELL CONDITION: Very good
WEATHER CONDITIONS: Clear/sunny/light breeze (~85°F)
PURGING AND SAMPLING EQUIPMENT:
YSI 556
Interface probe (200')
4-gas meter

WELL INFORMATION		
TOP OF CASING ELEV.		(ft.)
WELL DIAMETER 4"		(inches)
DEPTH OF WELL	130.00	(ft.)
DEPTH TO WATER	102.44	(ft.)
HEIGHT OF WATER COLUMN	27.56	(ft.)
CASING VOLUME*	Hgt. x 0.66 Gal./Ft. = 18.1896	(gal)
PURGE VOLUME	x 3 = 54.5688	(gal)
PRODUCT THICKNESS		(ft.)

PURGE DATA

Time:	Purge Volume (Gal.)	Flow Rate (Gal./Min.)	pH	Sp.Cond. µ(S)/cm)	Turbidity NTUs	DO mg/L	Temperature (F/C)	TDS	ORP mV	Color Silty	Odor
1107	5		7.33	1.997	/	6.79	24.65	/	-75.6	Dk. gray	Mild HC odor
1108	10		7.30	1.956		5.46	23.90		-120.4	-"-	-"-
1110	15		7.29	1.949		3.94	23.42		-129.7	Light gray	-"-

Sample No.	Sample Time Time	Packing	Analyses	Container	Quantity	Preserv-ative	NOTES: Air-assist used for purge
1	1136	ice	8260B - VOCs + Oxys	VOAs	3	HCL	LL_MW702_083011_01 @ 11:36
1	1136	ice	8015M - TPH-g	VOAs	3	HCL	

ADDITIONAL INFORMATION:

TOC = Top of well casing

*Casing Volume = r^2h(ft) x 7.48 gal/ft.^{3}

4" well = 0.66 Gal./Foot 2" well = 0.163 Gal./Foot

Additional Groundwater Quality Parameters

Page 2 of 2

PROJECT NAME: CENCO

PROJECT NO.: 1003-001-300

DATE: 8-30-2011 (3Q2011)

WELL NO. 702

SAMPLED BY: Frane Sosic

Time:	Purge Volume (Gal.)	Flow Rate (Gal./Min.)	pH	Sp.Cond. mS/cm	Turbidity NTUs	DO mg/L	Temperature (F/C)	TDS	ORP mV	Color	Odor
1111	20		7.31	1.952		3.40	23.44		-150.0	Light gray	Mild HC odor
1112	25		7.32	1.946		3.04	23.31		-146.8	-11-	-11-
1114	30		7.33	1.956		3.00	23.46		-142.2	Cloudy	-11-
1115	35		7.33	1.966		3.01	23.65		-161.4	Cloudy	-11-
1116	40		7.33	1.969		3.21	23.79		-164.6	Cloudy	-11-
1117	45		7.34	1.975		3.48	23.77		-163.2	Clear	-11-
1118	50		7.35	1.958		3.97	23.62		-157.4	Clear	-11-
1120	55		7.34	1.971		3.23	23.70		-155.3	Clear	-11-

GROUNDWATER SAMPLING LOG

PROJECT NAME: CENCO
PROJECT NO.: 1003-001-300
DATE: 8.30.2011 3Q 2011

WELL NO. **MW-703** Site
SAMPLED BY: Frane Sosic

Well Notes: New 4" well / Very strong gasoline vapors!
WELL CONDITION:
GREAT

WEATHER CONDITIONS:
Clear/sunny/light breeze (~84°F)

PURGING AND SAMPLING EQUIPMENT:
YSI 556
Interface probe (200')
4-gas meter

WELL INFORMATION		
TOP OF CASING ELEV.		(ft.)
WELL DIAMETER 4"		(inches)
DEPTH OF WELL	130.00	(ft.)
DEPTH TO WATER	103.74	(ft.)
HEIGHT OF WATER COLUMN	26.26	(ft.)
CASING VOLUME*	Hgt. x 0.66 Gal./Ft. = 17.3316	(gal)
PURGE VOLUME	x 3 = 51.9948	(gal)
PRODUCT THICKNESS		(ft.)

PURGE DATA

Time:	Purge Volume (Gal.)	Flow Rate (Gal./Min.)	pH	Sp.Cond. (s/cm)	Turbidity NTUs	DO mg/L	Temperature (F/C)	TDS	ORP mV	Color Dark	Odor
1400	5		7.90	1.931	/	5.48	23.90	/	-78.6	olive gray	Strong HC odor
1401	10		7.90	1.835	/	5.06	22.51	/	-90.2	-"-	-"-
1403	15		7.52	1.800	/	4.49	21.45	/	-91.8	Light gray	-"-

Sample No.	Sample Time Time	Packing	Analyses	Container	Quantity	Preservative	NOTES: Air-assist used for purge
1	8.30.11	ice	8260B - VOCs + Oxys	VOAs	3	HCL	LL_MW703_083011_01 @ 14:32
1	1432	ice	8015M - TPH-g	VOAs	3	HCL	

ADDITIONAL INFORMATION:

TOC = Top of well casing

*Casing Volume = r^2h(ft) x 7.48 gal/ft.^{3}

4" well = 0.66 Gal./Foot 2" well = 0.163 Gal./Foot

Additional Groundwater Quality Parameters

Page 2 of 2

PROJECT NAME: CENCO

PROJECT NO.: 1003-001-300

DATE: 8-30-2011 (3Q2011)

WELL NO. 703

SAMPLED BY: Frane Sosic

Time:	Purge Volume (Gal.)	Flow Rate (Gal./Min.)	pH	Sp.Cond. mS/cm)	Turbidity NTUs	DO mg/L	Temperature (F/C)	TDS	ORP mV	Color	Odor
1404	20		7.28	1.791		4.64	21.41		-77.8	Light gray	Strong HC odor
1405	25		7.28	1.810		4.14	21.69		-74.4	-"-	-"-
1406	30		7.27	1.813		3.64	21.81		-77.5	-"-	-"-
1408	35		7.30	1.805		4.44	21.70		-79.2	-"-	-"-
1409	40		7.30	1.812		3.79	21.76		-72.4	Cloudy	-"-
1410	45		7.29	1.809		3.88	21.72		-74.6	Cloudy	-"-
1412	50		7.29	1.814		4.51	21.75		-79.2	Clear	-"-
1413	55		7.30	1.816		4.20	21.83		-87.1	Clear	-"-

GROUNDWATER SAMPLING LOG

PAGE 1 OF 2

PROJECT NAME: CENCO
PROJECT NO.: 1003-001-300
DATE: 8·31·2011 3Q 2011

WELL NO. **MW-704** Site
SAMPLED BY: Frane Sosic

Well Notes: New 4" well
WELL CONDITION: Very Good

WEATHER CONDITIONS: Clear/sunny/light breeze (~84°F)

PURGING AND SAMPLING EQUIPMENT:
YSI 556
Interface probe (200')
4-gas meter

WELL INFORMATION		
TOP OF CASING ELEV.		(ft.)
WELL DIAMETER	4"	(inches)
DEPTH OF WELL	130.00	(ft.)
DEPTH TO WATER	105.52	(ft.)
HEIGHT OF WATER COLUMN	24.48	(ft.)
CASING VOLUME*	Hgt. x0.66 Gal./Ft. = 16.1568	(gal)
PURGE VOLUME	x 3 = 48.4704	(gal)
PRODUCT THICKNESS		(ft.)

PURGE DATA

Time:	Purge Volume (Gal.)	Flow Rate (Gal./Min.)	pH	Sp.Cond. mS/cm)	Turbidity NTUs	DO mg/L	Temperature (F/C)	TDS	ORP mV	Color	Odor
1200	5		7.84	2.132	—	5.67	24.03	—	-105.3	Black	Strong CH_4/decay odor
1205	10		7.82	2.041	—	3.89	22.37	—	-113.3	Dk. gray	-11-
1207	15		7.78	2.051	—	3.12	22.40	—	-114.0	Gray	-11-

Sample No.	Sample Time Time	Packing	Analyses	Container	Quantity	Preservative
1	8·31·11	ice	8260B - VOCs + Oxys	VOAs	3	HCL
1	1347	ice	8015M - TPH-g	VOAs	3	HCL

NOTES: Air assist used for purge. Purging slows way down ~20 gal.
LL_MW704_083111_01 @ 13:47

ADDITIONAL INFORMATION:

TOC = Top of well casing

*Casing Volume = r^2h(ft) x 7.48 gal/ft.^{3}

4" well = 0.66 Gal./Foot 2" well = 0.163 Gal./Foot

Additional Groundwater Quality Parameters

Page 2 of 2

PROJECT NAME: CENCO

PROJECT NO.: 1003-001-300

DATE: 8·31·2011 (3Q2011)

WELL NO. 704

SAMPLED BY: Frane Sosic

Time:	Purge Volume (Gal.)	Flow Rate (Gal./Min.)	pH	Sp.Cond. mS/cm)	Turbidity NTUs	DO mg/L	Temperature (F/C)	TDS	ORP mV	Color	Odor
1210	20		7.63	1.970	—	2.54	22.09	—	-98.7	Light gray	Strong CH_4/decay odor
1217	25		7.40	1.995	—	2.25	21.89	—	-77.7	-"-	-"-
1230	30		7.27	1.913	—	4.16	19.80	—	-74.3	Cloudy	Light odor
1246	35		7.21	1.915	—	3.65	19.68	—	-64.0	Almost clear	-"-
1303	40		7.22	1.882	—	3.71	18.79	—	-63.6	Clear	-"-
1325	45		7.25	2.002	—	3.69	19.30	—	+110.3	Clear	-"-
1340	50		7.40	1.923	—	4.02	19.39	—	+99.4	Clear	-"-

GROUNDWATER SAMPLING LOG

PROJECT NAME: CENCO
PROJECT NO.: 1003-001-300
DATE: 8.31.2011 3Q 2011

WELL NO. **MW-705** Site
SAMPLED BY: Frane Sosic

Well Notes: New 4" well
WELL CONDITION: Very Good

WEATHER CONDITIONS: Clear/sunny/light breeze (~82°F)

PURGING AND SAMPLING EQUIPMENT:
YSI 556
Interface probe (200')
4-gas meter

WELL INFORMATION		
TOP OF CASING ELEV.		(ft.)
WELL DIAMETER	4"	(inches)
DEPTH OF WELL	130.00	(ft.)
DEPTH TO WATER	106.58	(ft.)
HEIGHT OF WATER COLUMN	23.42	(ft.)
CASING VOLUME*	Hgt. x0.66 Gal./Ft. = 15.4572	(gal)
PURGE VOLUME	x 3 = 46.3716	(gal)
PRODUCT THICKNESS		(ft.)

PURGE DATA

Time:	Purge Volume (Gal.)	Flow Rate (Gal./Min.)	pH	Sp.Cond. mS (S/cm)	Turbidity NTUs	DO mg/L	Temperature (F/C)	TDS	ORP mV	Color	Odor
1415	5		7.76	2.137	/	3.32	23.60	/	99.6	Olive gray	Strong HC odor
1417	10		7.75	2.077		3.37	23.19		71.5	-"-	-"-
1418	15		7.80	2.053		3.54	22.86		20.9	Light gray	-"-

Sample No.	Sample Time Time	Packing	Analyses	Container	Quantity	Preservative
1	8.31.11	ice	8260B - VOCs + Oxys	VOAs	3	HCL
1	1445	ice	8015M - TPH-g	VOAs	3	HCL

NOTES: Air-assist used for purge
LL_MW705_083111_01 @ 14:45

ADDITIONAL INFORMATION:

TOC = Top of well casing

*Casing Volume = r^2h(ft) x 7.48 gal/ft.^{3}

4" well = 0.66 Gal./Foot 2" well = 0.163 Gal./Foot

Additional Groundwater Quality Parameters

Page 2 of 2

PROJECT NAME: CENCO

PROJECT NO.: 1003-001-300

DATE: 8·31·2011 (3Q2011)

WELL NO. 705

SAMPLED BY: Frane Sosic

Time:	Purge Volume (Gal.)	Flow Rate (Gal./Min.)	pH	Sp.Cond. (µS/cm)	Turbidity NTUs	DO mg/L	Temperature (F/C)	TDS	ORP mV	Color	Odor
1420	20		7.80	2.061	—	3.22	22.86	—	-19.3	Clear	Strong HC odor
1422	25		7.80	2.055	—	3.15	23.03	—	-41.6	Clear	-"-
1424	30		7.80	2.063	—	2.96	23.02	—	-47.4	Clear	-"-
1426	35		7.78	2.064	—	3.09	22.99	—	-31.7	Clear	-"-
1428	40		7.78	2.045	—	3.57	22.76	—	-47.9	Clear	-"-
1430	45		7.78	2.048	—	3.70	22.75	—	-55.5	Clear	-"-

GROUNDWATER SAMPLING LOG

PROJECT NAME: CENCO
PROJECT NO.: 1003-001-300
DATE: 8·31·2011 3Q 2011

WELL NO. **MW-706** Site
SAMPLED BY: Frane Sosic

Well Notes: New 4" well
WELL CONDITION: Very Good

WEATHER CONDITIONS: Clear + sunny (~84°F)

PURGING AND SAMPLING EQUIPMENT:
YSI 556
Interface probe (200')
4-gas meter

WELL INFORMATION		
TOP OF CASING ELEV.		(ft.)
WELL DIAMETER	4"	(inches)
DEPTH OF WELL	130.00	(ft.)
DEPTH TO WATER	103.37	(ft.)
HEIGHT OF WATER COLUMN	26.63	(ft.)
CASING VOLUME*	Hgt. x 0.66 Gal./Ft. = 17.5758	(gal)
PURGE VOLUME	x 3 = 52.7274	(gal)
PRODUCT THICKNESS		(ft.)

PURGE DATA

Time:	Purge Volume (Gal.)	Flow Rate (Gal./Min.)	pH	Sp.Cond. mS/cm)	Turbidity NTUs	DO mg/L	Temperature (F/C)	TDS	ORP	Color	Odor
1459	5		7.98	1.977	—	4.05	24.20	—	-41.2	Olive	Mild HC odor
1500	10		7.93	1.954	—	3.50	23.69	—	-66.6	-//-	-//-
1503	15		7.89	1.971	—	3.38	23.74	—	-74.4	-//-	-//-

Sample No.	Sample Time Time	Packing	Analyses	Container	Quantity	Preservative
1	8·31·11	ice	8260B - VOCs + Oxys	VOAs	3	HCL
1	1600	ice	8015M - TPH-g	VOAs	3	HCL

NOTES: Air-assist used for purge
LL_MW706_083111_01 @ 1600

ADDITIONAL INFORMATION:

TOC = Top of well casing

*Casing Volume = r^2h(ft) x 7.48 gal/ft.^{3}

4" well = 0.66 Gal./Foot

2" well = 0.163 Gal./Foot

Additional Groundwater Quality Parameters

Page 2 of 2

PROJECT NAME: CENCO

PROJECT NO.: 1003-001-300

DATE: 8.31.2011 (3Q2011)

WELL NO. 706

SAMPLED BY: Frane Sosic

Time:	Purge Volume (Gal.)	Flow Rate (Gal./Min.)	pH	Sp.Cond. mS/cm)	Turbidity NTUs	DO mg/L	Temperature (F/C)	TDS	ORP mV	Color	Odor
1505	20		7.86	1.962	—	2.75	23.70	—	-52.6	Olive	Mild HC odor
1508	25		7.84	1.946	—	3.39	23.68	—	-49.4	Cloudy	Slight
1511	30		7.83	1.920	—	3.16	23.40	—	-46.6	Cloudy	Slight
1515	35		7.79	1.936	—	2.75	23.58	—	-44.3	Clear	None
1523	42		7.76	1.922	—	3.03	23.72	—	-41.2	Clear	None

GROUNDWATER SAMPLING LOG

PROJECT NAME: CENCO
PROJECT NO.: 1003-001-300
DATE: 9.1.2011 3Q 2011

WELL NO. **MW-707** Lakeland
SAMPLED BY: Frane Sosic

Well Notes: New 4" well
WELL CONDITION:
Very Good

WEATHER CONDITIONS:
Clear/sunny (~85°F)

PURGING AND SAMPLING EQUIPMENT:
YSI 556
Interface probe (200')
4-gas meter

WELL INFORMATION		
TOP OF CASING ELEV.		(ft.)
WELL DIAMETER	4"	(inches)
DEPTH OF WELL	130.00	(ft.)
DEPTH TO WATER	100.41	(ft.)
HEIGHT OF WATER COLUMN	29.59	(ft.)
CASING VOLUME*	Hgt. x 0.66 Gal./Ft. = 19.5294	(gal)
PURGE VOLUME	x 3 = 58.5882	(gal)
PRODUCT THICKNESS		(ft.)

PURGE DATA

Time:	Purge Volume (Gal.)	Flow Rate (Gal./Min.)	pH	Sp.Cond. µS/cm)	Turbidity NTUs	DO mg/L	Temperature (F/C)	TDS	ORP mV	Color Olive	Odor
1024	5		7.59	1.858	/	4.20	22.49	/	97.5	Gray	Mild HC odor
1025	10		7.63	1.819		4.08	21.65		64.1	-11-	-11-
1027	15		7.61	1.827		3.66	21.70		43.7	-11-	-11-

Sample No.	Sample Time Time	Packing	Analyses	Container	Quantity	Preservative
1	9.1.2011	ice	8260B - VOCs + Oxys	VOAs	3	HCL
1	1050	ice	8015M - TPH-g	VOAs	3	HCL

NOTES:
Air-assist used for purge
LL_MW707_090111_01 @ 10:50

ADDITIONAL INFORMATION:

TOC = Top of well casing

*Casing Volume = r^2h(ft) x 7.48 gal/ft.^{3}

4" well = 0.66 Gal./Foot

2" well = 0.163 Gal./Foot

Additional Groundwater Quality Parameters

Page 2 of 2

PROJECT NAME: CENCO

PROJECT NO.: 1003-001-300

DATE: 9.1.2011 (3Q2011)

WELL NO. 707

SAMPLED BY: Frane Sosic

Time:	Purge Volume (Gal.)	Flow Rate (Gal./Min.)	pH	Sp.Cond. µ(S/cm)	Turbidity NTUs	DO mg/L	Temperature (F/C)	TDS	ORP µV	Color	Odor
1028	20		7.59	1.812	—	3.57	21.85	—	20.7	Light gray	Mild HC odor
1030	25		7.53	1.793	—	3.59	21.46	—	10.3	-11-	-11-
1032	30		7.49	1.795	—	3.30	21.90	—	3.2	-11-	-11-
1034	35		7.45	1.787	—	3.41	22.06	—	-1.3	-11-	-11-
1036	40		7.41	1.786	—	3.67	22.15	—	-6.0	Cloudy	-11-
1039	45		7.34	1.786	—	2.97	22.32	—	-1.2	Cloudy	-11-
1041	50		7.34	1.794	—	3.48	22.29	—	-5.7	Nearly clear	-11-
1044	55		7.33	1.801	—	3.54	22.29	—	-8.0	Clear	-11-
1046	60		7.30	1.806	—	3.73	22.33	—	-9.4	Clear	-11-

GROUNDWATER SAMPLING LOG

PROJECT NAME: CENCO
PROJECT NO.: 1003-001-300
DATE: 9.1.2011 3Q 2011

WELL NO. **MW-708** Hospital
SAMPLED BY: Frane Sosic

Well Notes: **CAUTION - strong H_2S & CH_4 vapors**
WELL CONDITION:
GOOD

WEATHER CONDITIONS:
Clear/sunny/light breeze (~85°F)

PURGING AND SAMPLING EQUIPMENT:
YSI 556
Interface probe (200')
4-gas meter

WELL INFORMATION		
TOP OF CASING ELEV.		(ft.)
WELL DIAMETER		(inches)
DEPTH OF WELL	130.00	(ft.)
DEPTH TO WATER	99.76	(ft.)
HEIGHT OF WATER COLUMN	30.24	(ft.)
CASING VOLUME*	Hgt. x0.66 Gal./Ft. = 19.9584	(gal)
PURGE VOLUME	x 3 = 59.8752	(gal)
PRODUCT THICKNESS		(ft.)

PURGE DATA

Time:	Purge Volume (Gal.)	Flow Rate (Gal./Min.)	pH	Sp.Cond. µS/cm)	Turbidity NTUs	DO mg/L	Temperature (F/C)	TDS	ORP mV	Color	Odor
1130	5		7.81	1.934	/	3.95	24.11	/	-202.5	Black	Strong!
1131	10		7.77	1.889		3.92	23.23		-149.2	Black	Strong!
1132	15		7.69	1.872		3.51	22.98		-140.6	Black	Strong!

Sample No.	Sample Time Time	Packing	Analyses	Container	Quantity	Preserv-ative	NOTES:
1	9.1.2011	ice	8260B - VOCs + Oxys	VOAs	3	HCL	LL_MW708_090111_01 @ 12:00
1	1200	ice	8015M - TPH-g	VOAs	3	HCL	

ADDITIONAL INFORMATION:

TOC = Top of well casing

*Casing Volume = r^2h(ft) x 7.48 gal/ft.^{3} 4" well = 0.66 Gal./Foot 2" well = 0.163 Gal./Foot

Additional Groundwater Quality Parameters

Page 2 of 2

PROJECT NAME: CENCO

PROJECT NO.: 1003-001-300

DATE: 9-1-2011 (3Q2011)

WELL NO. 708

SAMPLED BY: Frane Sosic

Time:	Purge Volume (Gal.)	Flow Rate (Gal./Min.)	pH	Sp.Cond. mS/cm	Turbidity NTUs	DO mg/L	Temperature (F/C)	TDS	ORP mV	Color	Odor
1134	20		7.65	1.861		3.54	22.62		-145.1	Black	Strong!
1135	25		7.65	1.858		3.42	22.20		-144.0	Dark gray	Strong!
1137	30		7.53	1.884		3.27	22.96		-143.2	Dark gray	Strong!
1138	35		7.59	1.896		3.57	22.94		-149.1	Dark gray	Strong!
1140	40		7.56	1.917		3.42	23.06		-151.3	Gray	Strong!
1141	45		7.57	1.925		3.33	23.21		-153.0	Light gray	Strong!
1143	50		7.55	1.915		3.47	22.85		-146.7	Light gray	Strong!
1145	55		7.52	1.935		3.54	23.02		-149.5	Cloudy	Strong!
1146	60		7.51	1.946		3.45	23.06		-147.2	Cloudy	Strong!

GROUNDWATER SAMPLING LOG

PROJECT NAME: CENCO
PROJECT NO.: 1003-001-300
DATE: 9.1.2011 3Q 2011

WELL NO. **MW-709** Hospital
SAMPLED BY: Frane Sosic

Well Notes:
WELL CONDITION:
VERY GOOD

WEATHER CONDITIONS:
Clear/sunny/light breeze (~82°F)

PURGING AND SAMPLING EQUIPMENT:
YSI 556
Interface probe (200')
4-gas meter

WELL INFORMATION		
TOP OF CASING ELEV.		(ft.)
WELL DIAMETER	4"	(inches)
DEPTH OF WELL	130.00	(ft.)
DEPTH TO WATER	112.12	(ft.)
HEIGHT OF WATER COLUMN	17.88	(ft.)
CASING VOLUME*	Hgt. x0.66 Gal./Ft. = 11.8008	(gal)
PURGE VOLUME	x 3 = 35.4024	(gal)
PRODUCT THICKNESS		(ft.)

PURGE DATA

Time:	Purge Volume (Gal.)	Flow Rate (Gal./Min.)	pH	Sp.Cond. mS/cm	Turbidity NTUs	DO mg/L	Temperature (F/C)	TDS	ORP mV	Color Olive	Odor
1302	5		7.66	2.175	/	2.96	22.25	/	-67.4	Green/gray	Mild CH4/HC odor
1306	10		7.48	2.132	/	4.00	21.35	/	-56.2	-11-	-11-
1309	15		7.33	2.093	/	3.43	21.58	/	-46.0	Lt. olive gray	-11-

Sample No.	Sample Time Time	Packing	Analyses	Container	Quantity	Preserv-ative
1	9.1.2011	ice	8260B - VOCs + Oxys	VOAs	3	HCL
1	1430	ice	8015M - TPH-g	VOAs	3	HCL

NOTES: Air-assist used for purge (for all 4" wells)
LL_MW709_090111_01 @ 14:30

ADDITIONAL INFORMATION:

TOC = Top of well casing

*Casing Volume = r^2h(ft) x 7.48 gal/ft.^{3}

4" well = 0.66 Gal./Foot 2" well = 0.163 Gal./Foot

Additional Groundwater Quality Parameters

Page 2 of 2

PROJECT NAME: CENCO

PROJECT NO.: 1003-001-300

DATE: 9-1-2011

WELL NO. 709

SAMPLED BY: Frane Sosic

Time:	Purge Volume (Gal.)	Flow Rate (Gal./Min.)	pH	Sp.Cond. mS/cm)	Turbidity NTUs	DO mg/L	Temperature (F/C)	TDS	ORP mV	Color	Odor
1314	20		7.33	1.991	—	3.21	21.65	—	-41.4	Lt. olive gray	Mild CH_4/HC
1321	25		7.32	2.006	—	3.12	21.81	—	-52.3	Cloudy	-//-
1333	30		7.30	1.979	—	2.76	21.74	—	-38.7	Cloudy	Slight odor
1347	35		7.50	1.949	—	3.67	22.38	—	-35.7	Nearly clear	-//-
1404	40		7.38	1.973	—	2.97	23.05	—	-37.0	Clear	-//-

GROUNDWATER SAMPLING LOG

PROJECT NAME: CENCO
PROJECT NO.: 1003-001-300
DATE: 9.2.2011 3Q 2011

WELL NO. **MW-710** Hospital
SAMPLED BY: Frane Sosic

Well Notes:
WELL CONDITION:
VERY GOOD

WEATHER CONDITIONS:
Overcast (high marine layer) / ~67°F
Slight breeze

PURGING AND SAMPLING EQUIPMENT:
YSI 556
Interface probe (200')
4 gas meter

WELL INFORMATION		
TOP OF CASING ELEV.		(ft.)
WELL DIAMETER		(inches)
DEPTH OF WELL	130.00	(ft.)
DEPTH TO WATER	97.28	(ft.)
HEIGHT OF WATER COLUMN	32.72	(ft.)
CASING VOLUME*	Hgt. x 0.66 Gal./Ft. = 21.5952	(gal)
PURGE VOLUME	x 3 = 64.7856	(gal)
PRODUCT THICKNESS		(ft.)

PURGE DATA

Time:	Purge Volume (Gal.)	Flow Rate (Gal./Min.)	pH	Sp.Cond. µ(S/cm)	Turbidity NTUs	DO mg/L	Temperature (F/C)	TDS	ORP mV	Color	Odor
947	5		7.01	1.656	/	3.93	20.24	/	-27.5	Cloudy	None
951	10		6.97	1.647	/	4.07	20.15	/	-29.0	Cloudy	None
954	15		6.87	1.630	/	4.50	20.04	/	-17.7	Cloudy	None

Sample No.	Sample Time Time	Packing	Analyses	Container	Quantity	Preserv-ative	NOTES: Air-assist used for purge
1	9.2.11	ice	8260B - VOCs + Oxys	VOAs	3	HCL	LL_MW710_090211_01 @ 1030
1	1030	ice	8015M - TPH-g	VOAs	3	HCL	
2	9.2.11	ice	8260B	VOAs	3	HCL	LL_MW710_090211_02 @ 1040
2	1040	ice	8015M	VOAs	3	HCL	

ADDITIONAL INFORMATION:

TOC = Top of well casing

*Casing Volume = r^2h(ft) x 7.48 gal/ft.^{3} 4" well = 0.66 Gal./Foot 2" well = 0.163 Gal./Foot

Additional Groundwater Quality Parameters

Page 2 of 2

PROJECT NAME: CENCO

PROJECT NO.: 1003-001-300

DATE: 9.2.2011

WELL NO. 710

SAMPLED BY: Frane Sosic

Time:	Purge Volume (Gal.)	Flow Rate (Gal./Min.)	pH	Sp.Cond. mS/cm	Turbidity NTUs	DO mg/L	Temperature (F/C)	TDS	ORP mV	Color	Odor
956	20		6.69	1.635	–	3.87	20.17	–	-12.0	Clear	None
958	25		6.56	1.640	–	3.94	20.37	–	-5.9	Clear	None
1000	30		6.61	1.641	–	3.97	20.43	–	-5.0	Clear	None
1002	35		6.66	1.639	–	3.95	20.32	–	-5.0	Clear	None
1005	40		6.70	1.638	–	4.27	20.19	–	-6.0	Clear	None
1008	45		6.73	1.628	–	4.17	20.09	–	-5.6	Clear	None
1012	50		6.80	1.620	–	3.68	19.88	–	-8.6	Brown	Slight HC odor
1014	55		6.82	1.630	–	3.71	20.03	–	-8.7	Brown	Slight HC odor
1016	60		6.85	1.626	–	3.62	19.93	–	-8.8	Brown	Slight HC odor
1018	65		6.87	1.621	–	3.68	19.86	–	-10.2	Brown	Slight HC odor

GROUNDWATER SAMPLING LOG

PROJECT NAME: CENCO
PROJECT NO.: 1003-001-300
DATE: 9-2-2011 3Q 2011

WELL NO. **MW-711** Hospital
SAMPLED BY: Frane Sosic

Well Notes:
WELL CONDITION:
VERY GOOD

WEATHER CONDITIONS:
Clear / sunny / light breeze (~85°F)

PURGING AND SAMPLING EQUIPMENT:
YSI 556
Interface probe (200')
4-gas meter

WELL INFORMATION		
TOP OF CASING ELEV.		(ft.)
WELL DIAMETER	4"	(inches)
DEPTH OF WELL	130.00	(ft.)
DEPTH TO WATER	104.66	(ft.)
HEIGHT OF WATER COLUMN	25.34	(ft.)
CASING VOLUME*	Hgt. x 0.66 Gal./Ft. = 16.7244	(gal)
PURGE VOLUME	x 3 = 50.1732	(gal)
PRODUCT THICKNESS		(ft.)

PURGE DATA

Time:	Purge Volume (Gal.)	Flow Rate (Gal./Min.)	pH	Sp.Cond. mS/cm	Turbidity NTUs	DO mg/L	Temperature (F/C)	TDS	ORP mV	Color	Odor
1125	5		7.19	1.723	/	4.72	21.59	/	-135.3	Cloudy Yellow	Strong HC odor
1126	10		7.15	1.658	/	3.67	20.88	/	-144.6	-11-	-11-
1128	15		7.12	1.638	/	3.62	20.96	/	-149.2	-11-	-11-

Sample No.	Sample Time Time	Packing	Analyses	Container	Quantity	Preservative
1	9-2-11	ice	8260B - VOCs + Oxys	VOAs	3	HCL
1	1200	ice	8015M - TPH-g	VOAs	3	HCL

NOTES:
Air-assist line used for purge
LL_MW711_090211_01 @ 1200

ADDITIONAL INFORMATION:

TOC = Top of well casing

*Casing Volume = r^2h(ft) x 7.48 gal/ft.^{3} 4" well = 0.66 Gal./Foot 2" well = 0.163 Gal./Foot

Additional Groundwater Quality Parameters

Page 2 of 2

PROJECT NAME: CENCO

PROJECT NO.: 1003-001-300

DATE: 9.2.2011 (3Q2011)

WELL NO. 711

SAMPLED BY: Frane Sosic

Time:	Purge Volume (Gal.)	Flow Rate (Gal./Min.)	pH	Sp.Cond. µS/cm)	Turbidity NTUs	DO mg/L	Temperature (F/C)	TDS	ORP mV	Color	Odor
1131	20		7.09	1.657	—	3.74	20.75	—	-144.3	Cloudy Yellow	Strong HC odor
1133	25		7.04	1.665	—	4.11	20.81	—	-133.2	-11-	-11-
1135	30		7.04	1.680	—	3.42	20.82	—	-129.1	-11-	-11-
1138	35		7.06	1.699	—	3.35	21.17	—	-118.8	Gray	Strong odor!
1141	40		7.06	1.725	—	3.53	21.14	—	-116.7	Yellow-brown	-11-
1144	45		7.07	1.727	—	3.66	21.16	—	-117.4	Gray	-11-
1147	50		7.06	1.735	—	3.54	21.04	—	-99.8	Yellow-gray	-11-

GROUNDWATER SAMPLING LOG

PROJECT NAME: CENCO
PROJECT NO.: 1003-001-300
DATE: 9.2.2011 3Q 2011

WELL NO. **MW-712** Hospital
SAMPLED BY: Frane Sosic

Well Notes:
WELL CONDITION: Very GOOD
WEATHER CONDITIONS: Clear/sunny
PURGING AND SAMPLING EQUIPMENT:
YSI 556
Interface probe (200')

WELL INFORMATION		
TOP OF CASING ELEV.		(ft.)
WELL DIAMETER	4"	(inches)
DEPTH OF WELL	130.00	(ft.)
DEPTH TO WATER	101.84	(ft.)
HEIGHT OF WATER COLUMN	28.16	(ft.)
CASING VOLUME*	Hgt. x0.66 Gal./Ft. = 18.5856	(gal)
PURGE VOLUME	x 3 = 55.7568	(gal)
PRODUCT THICKNESS		(ft.)

PURGE DATA

Time:	Purge Volume (Gal.)	Flow Rate (Gal./Min.)	pH	Sp.Cond. mS/cm)	Turbidity NTUs	DO mg/L	Temperature (F/C)	TDS	ORP mV	Color	Odor
1310	5		7.67	1.781	/	4.20	23.65	/	-125.7	Cloudy	Strong HC/CH4
1312	10		7.47	1.734	/	3.68	22.50	/	-113.3	Yellowish	-"-
1314	15		7.36	1.710	/	3.46	21.98	/	-117.4	-"-	-"-

Sample No.	Sample Time Time	Packing	Analyses	Container	Quantity	Preserv-ative
1	1350	ice	8260B - VOCs + Oxys	VOAs	3	HCL
1	1350	ice	8015M - TPH-g	VOAs	3	HCL

NOTES: Air assist used for purge
LL_MW712_090211-01 @ 1350

ADDITIONAL INFORMATION:

TOC = Top of well casing

*Casing Volume = r^2h(ft) x 7.48 gal/ft.^{3} 4" well = 0.66 Gal./Foot 2" well = 0.163 Gal./Foot

Additional Groundwater Quality Parameters

Page 2 of 2

PROJECT NAME: CENCO

PROJECT NO.: 1003-001-300

DATE: 9-2-2011 (3Q2011)

WELL NO. 712

SAMPLED BY: Frane Sosic

Time:	Purge Volume (Gal.)	Flow Rate (Gal./Min.)	pH	Sp.Cond. (µS/cm)	Turbidity NTUs	DO mg/L	Temperature (F/C)	TDS	ORP	Color	Odor
1317	20		7.29	1.684	—	3.60	21.45	—	-97.2	Murky yellow	Strong CH_4/HC
1319	25		7.26	1.703	—	3.35	21.99	—	-92.1	-//-	-//-
1321	30		7.17	1.697	—	3.67	21.86	—	-87.5	-//-	-//-
1324	35		7.16	1.697	—	3.41	22.00	—	-72.1	-//-	-//-
1328	40		7.14	1.705	—	3.29	22.09	—	-69.4	-//-	-//-
1332	45		7.14	1.681	—	2.64	22.06	—	-64.3	-//-	-//-
1334	50		7.13	1.663	—	2.70	21.86	—	-64.7	-//-	-//-
1338	56		7.10	1.680	—	2.68	21.91	—	-59.7	Murky yellow	Strong CH_4/HC

GROUNDWATER SAMPLING LOG

PROJECT NAME: CENCO
PROJECT NO.: 1003-001-300
DATE: 9.2.2011 3Q 2011

WELL NO. **MW-713** Hospital
SAMPLED BY: Frane Sosic

Well Notes: New 4" well
WELL CONDITION: Very Good

WEATHER CONDITIONS: Clear/sunny/breezey (5-10mph) ~82°F

PURGING AND SAMPLING EQUIPMENT:
YSI 556
Interface probe (200')
4-gas meter

WELL INFORMATION		
TOP OF CASING ELEV.		(ft.)
WELL DIAMETER	4"	(inches)
DEPTH OF WELL	130.00	(ft.)
DEPTH TO WATER	107.73	(ft.)
HEIGHT OF WATER COLUMN	22.27	(ft.)
CASING VOLUME*	Hgt. x 0.66 Gal./Ft. = 14.6982	(gal)
PURGE VOLUME	x 3 = 44.0946	(gal)
PRODUCT THICKNESS		(ft.)

PURGE DATA

Time:	Purge Volume (Gal.)	Flow Rate (Gal./Min.)	pH	Sp.Cond. µS/cm)	Turbidity NTUs	DO mg/L	Temperature (F / C)	TDS	ORP mV	Color	Odor
1423	5		7.50	2.012	/	3.25	23.26	/	-46.5	Cloudy	Mild HC
1425	10		7.43	2.009	/	3.09	22.53	/	-53.2	-//-	-//-
1427	15		7.35	2.000	/	3.02	22.62	/	-58.1	-//-	-//-

Sample No.	Sample Time Time	Packing	Analyses	Container	Quantity	Preserv-ative
1	9.2.2011	ice	8260B - VOCs + Oxys	VOAs	3	HCL
1	1500	ice	8015M - TPH-g	VOAs	3	HCL

NOTES: Air-assist line used for purge
LL_MW713_090211_01 @ 1500

ADDITIONAL INFORMATION:

TOC = Top of well casing

*Casing Volume = r^2h(ft) x 7.48 gal/ft.^{3}

4" well = 0.66 Gal./Foot 2" well = 0.163 Gal./Foot

Additional Groundwater Quality Parameters

Page 2 of 2

PROJECT NAME: CENCO

PROJECT NO.: 1003-001-300

DATE: 9-2-2011 (3SR011)

WELL NO. 713

SAMPLED BY: Frane Sosic

Time:	Purge Volume (Gal.)	Flow Rate (Gal./Min.)	pH	Sp.Cond. mS/cm	Turbidity NTUs	DO mg/L	Temperature (F/C)	TDS	ORP mV	Color	Odor
1430	20		7.34	1.997	—	3.01	22.53	—	-52.7	Cloudy	Slight HC odor
1432	25		7.31	1.994	—	3.05	22.24	—	-53.4	-//-	-//-
1434	30		7.23	2.009	—	3.02	22.55	—	-53.0	-//-	-//-
1437	35		7.23	2.008	—	2.98	22.54	—	-52.8	-//-	-//-
1440	40		7.23	2.026	—	2.97	22.58	—	-53.8	-//-	-//-
1443	45		7.20	2.021	—	3.13	22.53	—	-51.4	-//-	-//-

GROUNDWATER SAMPLING LOG

PROJECT NAME: CENCO
PROJECT NO.: 1003-001-300
DATE: 9.2.2011 3Q 2011

WELL NO. **MW-714** Hospital
SAMPLED BY: Frane Sosic

Well Notes: New 4" well
WELL CONDITION: VERY GOOD

WEATHER CONDITIONS: Clear/sunny/wind (5-10 mph) ~80°F

PURGING AND SAMPLING EQUIPMENT:
YSI 556
Interface probe (200')
4-gas meter

WELL INFORMATION		
TOP OF CASING ELEV.		(ft.)
WELL DIAMETER	4"	(inches)
DEPTH OF WELL	130.00	(ft.)
DEPTH TO WATER	107.49	(ft.)
HEIGHT OF WATER COLUMN	22.51	(ft.)
CASING VOLUME*	Hgt. x 0.66 Gal./Ft. = 14.8566	(gal)
PURGE VOLUME	x 3 = 44.5698	(gal)
PRODUCT THICKNESS		(ft.)

PURGE DATA

Time:	Purge Volume (Gal.)	Flow Rate (Gal./Min.)	pH	Sp.Cond. µS/cm	Turbidity NTUs	DO mg/L	Temperature (F/C)	TDS	ORP mV	Color	Odor
1518	5		7.27	2.538	/	3.44	22.68	/	-68.5	Clear	Slight HC
1519	10		7.27	2.485	/	3.07	21.64	/	-83.4	Clear	Slight HC
1521	15		7.24	2.483	/	3.02	21.70	/	-81.7	Clear	Slight HC

Sample No.	Sample Time Time	Packing	Analyses	Container	Quantity	Preserv-ative	NOTES: Air-assist line used for purge
1	9.2.2011	ice	8260B - VOCs + Oxys	VOAs	3	HCL	LL_MW714_090211_01 @ 1555
1	1555	ice	8015M - TPH-g	VOAs	3	HCL	

ADDITIONAL INFORMATION:

TOC = Top of well casing

*Casing Volume = r^2h(ft) x 7.48 gal/ft.^{3}

4" well = 0.66 Gal./Foot 2" well = 0.163 Gal./Foot

Additional Groundwater Quality Parameters

Page 2 of 2

PROJECT NAME: CENCO

PROJECT NO.: 1003-001-300

DATE: 9-2-2011 (3Q2011)

WELL NO. 714

SAMPLED BY: Frane Sosic

Time:	Purge Volume (Gal.)	Flow Rate (Gal./Min.)	pH	Sp.Cond. mS/cm)	Turbidity NTUs	DO mg/L	Temperature (F/C)	TDS	ORP mV	Color	Odor
1524	20		7.24	2.470	—	2.97	21.39	—	-77.4	Clear	Slight
1526	25		7.22	2.483	—	2.97	21.57	—	-78.6	Clear	Slight
1528	30		7.21	2.471	—	3.24	21.45	—	-68.9	Clear	Slight
1530	35		7.21	2.467	—	3.22	21.41	—	-66.1	Clear	Slight
1533	40		7.21	2.475	—	3.20	21.49	—	-69.7	Clear	Slight
1535	45		7.21	2.488	—	3.15	21.74	—	-63.4	Clear	Slight

GROUNDWATER SAMPLING LOG

PROJECT NAME: CENCO
PROJECT NO.: 1003-001-300
DATE: 9-2-2011 3Q 2011

WELL NO. **MW-715** Hospital
SAMPLED BY: Frane Sosic

Well Notes: New 4" well
WELL CONDITION: Very Good

WEATHER CONDITIONS: Clear/sunny/breezy (5-10 mph) ~82°F

PURGING AND SAMPLING EQUIPMENT:
YSI 556
Interface probe (200')
4-gas meter

WELL INFORMATION		
TOP OF CASING ELEV.		(ft.)
WELL DIAMETER	4"	(inches)
DEPTH OF WELL	130.00	(ft.)
DEPTH TO WATER	99.40	(ft.)
HEIGHT OF WATER COLUMN	30.60	(ft.)
CASING VOLUME*	Hgt. x 0.66 Gal./Ft. = 20.196	(gal)
PURGE VOLUME	x 3 = 60.588	(gal)
PRODUCT THICKNESS		(ft.)

PURGE DATA

Time:	Purge Volume (Gal.)	Flow Rate (Gal./Min.)	pH	Sp.Cond. mS/cm	Turbidity NTUs	DO mg/L	Temperature (F/C)	TDS	ORP mV	Color	Odor
1607	5		7.48	1.738	/	3.43	22.47	/	-95.1	Lt. brown	Sharp Benzene odor
1609	10		7.35	1.701	/	2.99	21.41	/	-92.7	Cloudy	-"-
1611	15		7.34	1.709		3.32	21.59		-107.6	Cloudy	-"-

Sample No.	Sample Time Time	Packing	Analyses	Container	Quantity	Preserv-ative
1	9-2-2011	ice	8260B - VOCs + Oxys	VOAs	3	HCL
1	1700	ice	8015M - TPH-g	VOAs	3	HCL
2	9-2-2011	ice	8260B	VOAs	3	HCL
2	1710	ice	8015M	VOAs	3	HCL

NOTES: Purging stopped ~45 gal to Air-assist line used for purge
LL_MW715_090211_01 @ 1700
LL_MW715_090211_02 @ 1710

ADDITIONAL INFORMATION:

TOC = Top of well casing

*Casing Volume = r^2h(ft) x 7.48 gal/ft.^{3}

4" well = 0.66 Gal./Foot 2" well = 0.163 Gal./Foot

Additional Groundwater Quality Parameters

Page 2 of 2

PROJECT NAME: CENCO

PROJECT NO.: 1003-001-300

DATE: 9-2-2011 (3-9-2011)

WELL NO. 715

SAMPLED BY: Frane Sosic

Time:	Purge Volume (Gal.)	Flow Rate (Gal./Min.)	pH	Sp.Cond. mS/cm	Turbidity NTUs	DO mg/L	Temperature (F/C)	TDS	ORP mV	Color	Odor
1612	20		7.32	1.696	—	3.23	21.66	—	-107.2	Cloudy	Strong (Benzene)
1615	25		7.23	1.691	—	3.33	21.76	—	-74.9	-"-	-"-
1617	30		7.24	1.682	—	3.36	21.54	—	-75.2	-"-	-"-
1619	35		7.21	1.674	—	3.29	21.27	—	-72.0	-"-	-"-
1621	40		7.20	1.690	—	3.32	21.54	—	-89.2	-"-	-"-
1625	45		7.17	1.692	—	3.34	21.52	—	-86.1	-"-	-"-
1631	50		7.13	1.682	—	3.33	21.08	—	-58.4	-"-	-"-
1634	55		7.13	1.694	—	3.30	21.27	—	-75.4	-"-	-"-
1637	60		7.15	1.706	—	3.20	21.50	—	-89.8	-"-	-"-

GROUNDWATER SAMPLING LOG

PROJECT NAME: CENCO
PROJECT NO.: 1003-001-300
DATE: 8-26-2011 3Q 2011

WELL NO. **W-1** Walker
SAMPLED BY: Frane Sosic

WELL NOTES:
WELL CONDITION:
OK

WEATHER CONDITIONS:
Partly cloudy + humid (HOT ~90°F)

PURGING AND SAMPLING EQUIPMENT:
YSI 556
Interface probe (200')
4-gas meter

WELL INFORMATION		
TOP OF CASING ELEV.		(ft.)
WELL DIAMETER 4"		(inches)
DEPTH OF WELL	29.61	(ft.)
DEPTH TO WATER	11.29	(ft.)
HEIGHT OF WATER COLUMN	18.32	(ft.)
CASING VOLUME*	Hgt. ~~x 0.163~~ 0.66 Gal./Ft. = 12.0912	(gal)
PURGE VOLUME	x 3 = 36.2736	(gal)
PRODUCT THICKNESS		(ft.)

PURGE DATA

Time:	Purge Volume (Gal.)	Flow Rate (Gal./Min.)	pH	Sp.Cond. mS/cm	Turbidity NTUs	DO mg/L	Temperature (F/C)	TDS	ORP mV	Color	Odor
1045	5		7.77	2.445	/	3.28	24.38	/	-90.4	Cloudy	Faint oddly odor
1052	10		7.70	2.354	/	3.07	23.10	/	-90.5	Cloudy	Faint Ctly odor
1054	15		7.68	2.343	/	2.69	22.88	/	-90.3	Cloudy	-//-

Sample No.	Sample Time Time	Packing	Analyses	Container	Quantity	Preserv-ative	NOTES:
1	1111	ice	8260B - VOCs + Oxys	VOAs	3	HCL	LL_W1_082611_01 @ 11:11
1	1111	ice	8015M - TPH-g	VOAs	3	HCL	

ADDITIONAL INFORMATION:

TOC = Top of well casing

*Casing Volume = r^2h(ft) x 7.48 gal/ft.^{3}

4" well = 0.66 Gal./Foot 2" well = 0.163 Gal./Foot

Additional Groundwater Quality Parameters

Page 2 of 2

PROJECT NAME: CENCO

PROJECT NO.: 1003-001-300

DATE: 8·26·2011 (3Q2011)

WELL NO. W-1

SAMPLED BY: Frane Sosic

Time:	Purge Volume (Gal.)	Flow Rate (Gal./Min.)	pH	Sp.Cond. mS/cm)	Turbidity NTUs	DO mg/L	Temperature (F/(C))	TDS	ORP mV	Color	Odor
1057	20		7.59	2.345		3.35	22.95		-91.7	Clear	Faint CH4 odor
1100	25		7.61	2.331		3.22	22.60		-89.5	Clear	-//-
1103	30		7.55	2.331		3.17	22.66		-88.3	Clear	-//-
1106	35		7.53	2.343		3.20	22.82		-87.1	Clear	-//-
1110	40		7.47	2.340		3.16	22.80		-86.0	Clear	-//-

GROUNDWATER SAMPLING LOG

PROJECT NAME: CENCO
PROJECT NO.: 1003-001-300
DATE: 8-25-2011 3Q 2011

WELL NO. W-4 Walker
SAMPLED BY: Frane Sosic

WELL NOTES:
WELL CONDITION:
OK - bolts are stripped

WEATHER CONDITIONS:
Clear/sunny/HOT (90°F)

PURGING AND SAMPLING EQUIPMENT:
YSI 556
Interface probe (200')
4-gas meter

WELL INFORMATION		
TOP OF CASING ELEV.		(ft.)
WELL DIAMETER	4"	(inches)
DEPTH OF WELL	129.71	(ft.)
DEPTH TO WATER	113.03	(ft.)
HEIGHT OF WATER COLUMN	16.68	(ft.)
CASING VOLUME*	Hgt. x ~~0.163~~ 0.66 Gal./Ft. = 11.0088	(gal)
PURGE VOLUME	x 3 = 33.0264	(gal)
PRODUCT THICKNESS		(ft.)

PURGE DATA

Time:	Purge Volume (Gal.)	Flow Rate (Gal./Min.)	pH	Sp.Cond. mS/cm	Turbidity NTUs	DO mg/L	Temperature (F/C)	TDS	ORP mV	Color	Odor
1510	5		7.87	2.522	/	4.09	25.28	/	-125.6	Cloudy	Bio decay/CH4
1512	10		8.03	2.368	/	3.50	22.87	/	-134.7	Cloudy	-11-
1519	15		7.95	2.323	/	3.29	21.89	/	-120.9	Cloudy	-11-

Sample No.	Sample Time Time	Packing	Analyses	Container	Quantity	Preserv-ative
1	8-25-11	ice	8260B - VOCs + Oxys	VOAs	3	HCL
1	1600	ice	8015M - TPH-g	VOAs	3	HCL

NOTES: Well begins drying up ~ 15-16 gallons/DRY @ approx. 19
LL_W4_082511_01 @ 1600

ADDITIONAL INFORMATION:

TOC = Top of well casing

*Casing Volume = r^2h(ft) x 7.48 gal/ft.^{3}

4" well = 0.66 Gal./Foot 2" well = 0.163 Gal./Foot

Additional Groundwater Quality Parameters

Page 2 of 2

PROJECT NAME: CENCO

PROJECT NO.: 1003-001-300

DATE: 8-25-2011 3Q2011

WELL NO. W-4

SAMPLED BY: Frane Sosic

Time:	Purge Volume (Gal.)	Flow Rate (Gal./Min.)	pH	Sp.Cond. mS/cm)	Turbidity NTUs	DO mg/L	Temperature (F (C)	TDS	ORP mV	Color	Odor
1538	dry @ 19		7.54	2.217		4.75	19.28		-92.5	Clear	NONE TO slight
	25										
	30										
	35										

GROUNDWATER SAMPLING LOG

PROJECT NAME: CENCO
PROJECT NO.: 1003-001-300
DATE: 8.24.2011 3Q 2011

WELL NO. W-7 Site
SAMPLED BY: Frane Sosic

WELL NOTES:
WELL CONDITION:
OK

WEATHER CONDITIONS:
Clear + sunny (~90°F)

PURGING AND SAMPLING EQUIPMENT:
YSI 556
Interface probe (200')
4-gas meter

WELL INFORMATION		
TOP OF CASING ELEV.		(ft.)
WELL DIAMETER		(inches)
DEPTH OF WELL		(ft.)
DEPTH TO WATER		(ft.)
HEIGHT OF WATER COLUMN		(ft.)
CASING VOLUME*	Hgt. x 0.163 Gal./Ft. =	(gal)
PURGE VOLUME	x 3 =	(gal)
PRODUCT THICKNESS		(ft.)

PURGE DATA

Time:	Purge Volume (Gal.)	Flow Rate (Gal./Min.)	pH	Sp.Cond. (s/cm)	Turbidity NTUs	DO mg/L	Temperature (F / C)	TDS	ORP	Color	Odor

Sample No.	Sample Time Time	Packing	Analyses	Container	Quantity	Preserv-ative	NOTES:
1	8.24.2011	ice	8260B - VOCs + Oxys	VOAs	3	HCL	Deep production well - no purge (sample in any order)
1	1000	ice	8015M - TPH-g	VOAs	3	HCL	Grab sample
2	8.24.2011	ice	8260 B	VOAs	3	HCl	LL_W7_082411_01 @ 10:00
2	1020	ice	8015M	VOAs	3	HCl	LL_W7_082411_02 @ 10:20

ADDITIONAL INFORMATION:

TOC = Top of well casing

*Casing Volume = r^2h(ft) x 7.48 gal/ft.^{3}

4" well = 0.66 Gal./Foot

2" well = 0.163 Gal./Foot

GROUNDWATER SAMPLING LOG

PROJECT NAME: CENCO
PROJECT NO.: 1003-001-300
DATE: 9-1-2011 3Q 2011

WELL NO. **W-8** Site
SAMPLED BY: Frane Sosic

WELL NOTES:
WELL CONDITION:
OLD WELL

WEATHER CONDITIONS:
Clear/sunny/wind (5-10 mph) ~82°F

PURGING AND SAMPLING EQUIPMENT:
YSI 556
Interface probe (200')

WELL INFORMATION		
TOP OF CASING ELEV.		(ft.)
WELL DIAMETER		(inches)
DEPTH OF WELL	NO PURGE	(ft.)
DEPTH TO WATER		(ft.)
HEIGHT OF WATER COLUMN		(ft.)
CASING VOLUME*	Hgt. x 0.163 Gal./Ft. =	(gal)
PURGE VOLUME	x 3 =	(gal)
PRODUCT THICKNESS		(ft.)

PURGE DATA

Time:	Purge Volume (Gal.)	Flow Rate (Gal./Min.)	pH	Sp.Cond. (s/cm)	Turbidity NTUs	DO mg/L	Temperature (F / C)	TDS	ORP	Color	Odor

Sample No.	Sample Time Time	Packing	Analyses	Container	Quantity	Preserv-ative	NOTES:
1	9-1-11	ice	8260B - VOCs + Oxys	VOAs	3	HCL	Deep production well - no purge (sample in any order)
1	1500	ice	8015M - TPH-g	VOAs	3	HCL	LL_W8_090111_01 @ 1500

ADDITIONAL INFORMATION:

TOC = Top of well casing

*Casing Volume = r^2h(ft) x 7.48 gal/ft.^{3} 4" well = 0.66 Gal./Foot 2" well = 0.163 Gal./Foot

GROUNDWATER SAMPLING LOG

PROJECT NAME: CENCO
PROJECT NO.: 1003-001-300
DATE: 8.24.2011 3Q 2011

WELL NO. W-9 Site
SAMPLED BY: Frane Sosic

WELL NOTES: ~~May Be Dry~~
WELL CONDITION:

WEATHER CONDITIONS:

PURGING AND SAMPLING EQUIPMENT:
YSI 556
Interface probe (200')

WELL INFORMATION		
TOP OF CASING ELEV.		(ft.)
WELL DIAMETER	2"	(inches)
DEPTH OF WELL	110.37	(ft.)
DEPTH TO WATER	94.41	(ft.)
HEIGHT OF WATER COLUMN	15.96	(ft.)
CASING VOLUME*	Hgt. x 0.163 Gal./Ft. = 2.60148	(gal)
PURGE VOLUME	x 3 = 7.80444	(gal)
PRODUCT THICKNESS		(ft.)

PURGE DATA

Time:	Purge Volume (Gal.)	Flow Rate (Gal./Min.)	pH	Sp.Cond. mS/cm)	Turbidity NTUs	DO mg/L	Temperature (F/C)	TDS	ORP mV	Color	Odor
940	3		7.62	2.538		4.90	20.11		-4.9	Rusty brown	Metal-like odor
	6										
	8										

Sample No.	Sample Time Time	Packing	Analyses	Container	Quantity	Preserv-ative	NOTES:
1	1555	ice	8260B - VOCs + Oxys	VOAs	3	HCL	Well shows signs of drying up almost immediately after purging begins. Dry ~ 3 gallons. Will sample after it recharges. LL_W9_082411_01 @ 1555
1	1555	ice	8015M - TPH-g	VOAs	3	HCL	

ADDITIONAL INFORMATION:

TOC = Top of well casing

*Casing Volume = r^2h(ft) x 7.48 gal/ft.^{3} 4" well = 0.66 Gal./Foot 2" well = 0.163 Gal./Foot

GROUNDWATER SAMPLING LOG

PROJECT NAME: CENCO
PROJECT NO.: 1003-001-300
DATE: 8-29-2011 3Q 2011

WELL NO. **W-10** Site 2
SAMPLED BY: Frane Sosic

WELL NOTES: Slow recharge: purge 1 day prior to event conclusion
WELL CONDITION:
NOT GOOD

WEATHER CONDITIONS:
Clear/sunny/light breeze (~90°F)

PURGING AND SAMPLING EQUIPMENT:
YSI 556
Interface probe (200')
4-gas meter

WELL INFORMATION		
TOP OF CASING ELEV.		(ft.)
WELL DIAMETER	2"	(inches)
DEPTH OF WELL	110.21	(ft.)
DEPTH TO WATER	100.98	(ft.)
HEIGHT OF WATER COLUMN	9.23	(ft.)
CASING VOLUME*	Hgt. x 0.163 Gal./Ft. = 1.50449	(gal)
PURGE VOLUME	x 3 = 4.51347	(gal)
PRODUCT THICKNESS		(ft.)

PURGE DATA

Time:	Purge Volume (Gal.)	Flow Rate (Gal./Min.)	pH	Sp.Cond. µS/cm)	Turbidity NTUs	DO mg/L	Temperature (F/C)	TDS	ORP mV	Color	Odor
1500	2		7.14	2.735	/	2.70	26.23	/	-130.2	Dark gray	Strong HC odor
	~~4~~										

Sample No.	Sample Time Time	Packing	Analyses	Container	Quantity	Preserv-ative
1	9-1-2011	ice	8260B - VOCs + Oxys	VOAs	3	HCL
1	1535	ice	8015M - TPH-g	VOAs	3	HCL

NOTES:
Well going dry almost immediately after purge began
W-10 dry ~2 gallons removed!
Will allow to re-charge and sample later on.
LL_W10_090111_01 @ 1535

ADDITIONAL INFORMATION:
TOC = Top of well casing
*Casing Volume = r^2h(ft) x 7.48 gal/ft.^{3}

4" well = 0.66 Gal./Foot (2" well) = 0.163 Gal./Foot

GROUNDWATER SAMPLING LOG

PROJECT NAME:	CENCO	WELL NO.	W-12 Site
PROJECT NO.:	1003-001-300	SAMPLED BY:	Frane Sosic
DATE:	3Q 2011		

WELL NOTES: ~~May Be Dry~~

WELL CONDITION:
OK - riser

WEATHER CONDITIONS:
Clear / sunny / light breeze (~80°F)

PURGING AND SAMPLING EQUIPMENT:
YSI 556
Interface probe (200')
4-gas meter

WELL INFORMATION		
TOP OF CASING ELEV.		(ft.)
WELL DIAMETER	2"	(inches)
DEPTH OF WELL	116.10	(ft.)
DEPTH TO WATER	106.66	(ft.)
HEIGHT OF WATER COLUMN	9.44	(ft.)
CASING VOLUME*	Hgt. x 0.163 Gal./Ft. = 1.53872	(gal)
PURGE VOLUME	x 3 = 4.61616	(gal)
PRODUCT THICKNESS		(ft.)

PURGE DATA

Time:	Purge Volume (Gal.)	Flow Rate (Gal./Min.)	pH	Sp.Cond. mS/cm)	Turbidity NTUs	DO mg/L	Temperature (F/C)	TDS	ORP mV	Color Light	Odor
10:10	3		7.66	2.036	/	3.63	23.70	/	-46.3	Grey	Strong
10:16	5		7.50	2.008	/	2.78	23.49	/	-58.5	-11-	-11-

Sample No.	Sample Time Time	Packing	Analyses	Container	Quantity	Preserv-ative	NOTES:
1	8.25.11	ice	8260B - VOCs + Oxys	VOAs	3	HCL	LL_W12_082511_01 @ 10:30
1	10:30	ice	8015M - TPH-g	VOAs	3	HCL	

ADDITIONAL INFORMATION:

TOC = Top of well casing

*Casing Volume = r^2h(ft) x 7.48 gal/ft.^{3}

4" well = 0.66 Gal./Foot

2" well = 0.163 Gal./Foot

GROUNDWATER SAMPLING LOG

PROJECT NAME: CENCO
PROJECT NO.: 1003-001-300
DATE: 8·29·2011 3Q 2011

WELL NO. **W-11** Site 2
SAMPLED BY: Frane Sosic

WELL NOTES: May have product
WELL CONDITION:
OK - new surface completion

WEATHER CONDITIONS:
Clear/sunny/light breeze (~90°F)

PURGING AND SAMPLING EQUIPMENT:
YSI 556
Interface probe (200')
4-gas meter

WELL INFORMATION		
TOP OF CASING ELEV.		(ft.)
WELL DIAMETER		(inches)
DEPTH OF WELL	112.61	(ft.)
DEPTH TO WATER	101.59	(ft.)
HEIGHT OF WATER COLUMN	11.02	(ft.)
CASING VOLUME*	Hgt. x 0.163 Gal./Ft. = 1.79626	(gal)
PURGE VOLUME	x 3 = 5.38878	(gal)
PRODUCT THICKNESS		(ft.)

PURGE DATA

Time:	Purge Volume (Gal.)	Flow Rate (Gal./Min.)	pH	Sp.Cond. mS/cm	Turbidity NTUs	DO mg/L	Temperature (F/C)	TDS	ORP mV	Color Milky	Odor
1524	2		7.55	2.297	/	1.84	24.67	/	-128.5	Olive green	Strong HC odor
1526	4		7.44	2.229		1.83	23.42		-126.9	Cloudy gray	-11-
1530	6		7.35	2.204		2.20	23.01		-125.7	Cloudy	-11-

Sample No.	Sample Time Time	Packing	Analyses	Container	Quantity	Preserv-ative	NOTES:
1	8·29·11	ice	8260B - VOCs + Oxys	VOAs	3	HCL	LL_W11_082911_01 @ 1600
1	1600	ice	8015M - TPH-g	VOAs	3	HCL	

ADDITIONAL INFORMATION:

TOC = Top of well casing

*Casing Volume = r^2h(ft) x 7.48 gal/ft.^{3}

4" well = 0.66 Gal./Foot

2" well = 0.163 Gal./Foot

GROUNDWATER SAMPLING LOG

PROJECT NAME: CENCO
PROJECT NO.: 1003-001-300
DATE: 8-22-2011 3Q 2011

WELL NO. **MW-14A** Hospital
SAMPLED BY: Frane Sosic

WELL NOTES:
WELL CONDITION:
OK

WEATHER CONDITIONS:
Partly cloudy (~85°F)

PURGING AND SAMPLING EQUIPMENT:
YSI 556
Interface probe (200')
4-gas meter

WELL INFORMATION		
TOP OF CASING ELEV.		(ft.)
WELL DIAMETER	2"	(inches)
DEPTH OF WELL	111.85	(ft.)
DEPTH TO WATER	95.81	(ft.)
HEIGHT OF WATER COLUMN	16.04	(ft.)
CASING VOLUME*	Hgt. x 0.163 Gal./Ft. = 2.61452	(gal)
PURGE VOLUME	x 3 = 7.84356	(gal)
PRODUCT THICKNESS		(ft.)

PURGE DATA

Time:	Purge Volume (Gal.)	Flow Rate (Gal./Min.)	pH	Sp.Cond. (µS/cm)	Turbidity NTUs	DO mg/L	Temperature (F/C)	TDS	ORP	Color	Odor
1022	3		8.56	1.671	/	10.56	21.05	/	12.3	Cloudy	None
1027	6		7.77	1.595	/	9.26	21.23	/	22.2	Clear	None
1030	8		7.87	1.568	/	10.15	20.97	/	22.8	Clear	None

Sample No.	Sample Time Time	Packing	Analyses	Container	Quantity	Preserv-ative	NOTES:
1	1045	ice	8260B - VOCs + Oxys	VOAs	3	HCL	LL_W14A_082211_01 @ 1045
1	1045	ice	8015M - TPH-g	VOAs	3	HCL	

ADDITIONAL INFORMATION:

TOC = Top of well casing

*Casing Volume = r^2h(ft) x 7.48 gal/ft.^{3} 4" well = 0.66 Gal./Foot 2" well = 0.163 Gal./Foot

GROUNDWATER SAMPLING LOG

PROJECT NAME: CENCO
PROJECT NO.: 1003-001-300
DATE: 8-22-2011 3Q 2011

WELL NO. **MW-14B** Hospital
SAMPLED BY: Frane Sosic

WELL NOTES:
WELL CONDITION:

WEATHER CONDITIONS:

PURGING AND SAMPLING EQUIPMENT:
YSI 556
Interface probe (200')

WELL INFORMATION		
TOP OF CASING ELEV.		(ft.)
WELL DIAMETER	2"	(inches)
DEPTH OF WELL	112.09	(ft.)
DEPTH TO WATER	94.10	(ft.)
HEIGHT OF WATER COLUMN	17.99	(ft.)
CASING VOLUME*	Hgt. x 0.163 Gal./Ft. = 2.93237	(gal)
PURGE VOLUME	x 3 = 8.79711	(gal)
PRODUCT THICKNESS		(ft.)

PURGE DATA

Time:	Purge Volume (Gal.)	Flow Rate (Gal./Min.)	pH	Sp.Cond. mS/cm)	Turbidity NTUs	DO mg/L	Temperature C	TDS	ORP	Color	Odor
1112	3		7.87	1.417	/	10.12	19.99	/	20.9	Cloudy	Slight
1120	6		8.00	1.405	/	8.88	19.77	/	18.5	Cloudy	None
1128	9		7.95	1.404	/	7.90	19.77	/	22.7	Clear	None

Sample No.	Sample Time Time	Packing	Analyses	Container	Quantity	Preserv-ative	NOTES:
1	1136	ice	8260B - VOCs + Oxys	VOAs	3	HCL	LL-W14B_082211_01 @ 1136
1	1136	ice	8015M - TPH-g	VOAs	3	HCL	

ADDITIONAL INFORMATION:

TOC = Top of well casing

*Casing Volume = r^2h(ft) x 7.48 gal/ft.^{3} 4" well = 0.66 Gal./Foot 2" well = 0.163 Gal./Foot

GROUNDWATER SAMPLING LOG

PROJECT NAME: CENCO
PROJECT NO.: 1003-001-300
DATE: 8-22-2011 3Q 2011

WELL NO. **MW-14C** Hospital
SAMPLED BY: Frane Sosic

WELL NOTES:
WELL CONDITION: OK

WEATHER CONDITIONS:
Clear & sunny (~86°F)

PURGING AND SAMPLING EQUIPMENT:
YSI 556
Interface probe (200')
4-gas meter

WELL INFORMATION		
TOP OF CASING ELEV.		(ft.)
WELL DIAMETER	2"	(inches)
DEPTH OF WELL	166.57	(ft.)
DEPTH TO WATER	94.52	(ft.)
HEIGHT OF WATER COLUMN	72.05	(ft.)
CASING VOLUME*	Hgt. x 0.163 Gal./Ft. = 11.74415	(gal)
PURGE VOLUME	x 3 = 35.23245	(gal)
PRODUCT THICKNESS		(ft.)

PURGE DATA

Time:	Purge Volume (Gal.)	Flow Rate (Gal./Min.)	pH	Sp.Cond. mS/cm)	Turbidity NTUs	DO mg/L	Temperature (F (C)	TDS	ORP	Color	Odor
1345	5		7.68	1.514	/	5.76	22.10	/	-23.0	Clear	Slight
1358	10		7.71	1.467	/	9.32	21.31	/	3.5	Clear	Slight
1418	15		7.85	1.479	/	6.54	21.86	/	8.7	Clear	Slight

Sample No.	Sample Time Time	Packing	Analyses	Container	Quantity	Preserv-ative	NOTES:
1	1600	ice	8260B - VOCs + Oxys	VOAs	3	HCL	LL_W14C_082211_01 @ 1600
1	1600	ice	8015M - TPH-g	VOAs	3	HCL	

ADDITIONAL INFORMATION:

TOC = Top of well casing

*Casing Volume = r^2h(ft) x 7.48 gal/ft.^{3} 4" well = 0.66 Gal./Foot 2" well = 0.163 Gal./Foot

Additional Groundwater Quality Parameters

Page 2 of 2

PROJECT NAME: CENCO 3Q2011

PROJECT NO.: 1003-001-300

DATE: 8-22-2011

WELL NO. 14C

SAMPLED BY: Frane Sosic

Time:	Purge Volume (Gal.)	Flow Rate (Gal./Min.)	pH	Sp.Cond. mS/cm)	Turbidity NTUs	DO mg/L	Temperature (F/C)	TDS	ORP	Color	Odor
1440	20		7.80	1.477	/	4.80	21.46	/	2.7	Clear	None
1500	25		7.79	1.480	/	4.70	21.40	/	3.2	Clear	None
1524	30		7.48	1.477	/	4.36	21.73	/	6.0	Clear	None
1550	35		7.76	1.473	/	4.24	21.44	/	-3.7	Clear	None

GROUNDWATER SAMPLING LOG

PROJECT NAME: CENCO
PROJECT NO.: 1003-001-300
DATE: 8-23-2011 3Q 2011

WELL NO. **MW-15A** Hospital
SAMPLED BY: Frane Sosic

WELL NOTES:
WELL CONDITION:
OK

WEATHER CONDITIONS:
Clear & sunny / light breeze (~87°F)

PURGING AND SAMPLING EQUIPMENT:
YSI 556
Interface probe (200')
4-gas meter

WELL INFORMATION			
TOP OF CASING ELEV.			(ft.)
WELL DIAMETER	2"		(inches)
DEPTH OF WELL	125.70		(ft.)
DEPTH TO WATER	113.09		(ft.)
HEIGHT OF WATER COLUMN	12.61		(ft.)
CASING VOLUME*	Hgt. x 0.163 Gal./Ft. =	2.05543	(gal)
PURGE VOLUME	x 3 =	6.16629	(gal)
PRODUCT THICKNESS			(ft.)

PURGE DATA

Time:	Purge Volume (Gal.)	Flow Rate (Gal./Min.)	pH	Sp.Cond. µS/cm)	Turbidity NTUs	DO mg/L	Temperature (F/C)	TDS	ORP	Color	Odor
1006	2		7.58	2.273	/	6.99	23.25	/	-138.3	Olive gray	Strong VOC odor
1019	6		7.47	2.128	/	4.96	22.18	/	-148.7	Olive gray	Strong
1032	10		NM - FPPH	(FPPH)	/	(FPPH)	(FPPH)	/	(FPPH)	Olive brown PRODUCT	Very strong

Sample No.	Sample Time Time	Packing	Analyses	Container	Quantity	Preserv-ative
NS	NOT	ice	8260B - VOCs + Oxys	VOAs	3	HCL
NS	SAMPLED	ice	8015M - TPH-g	VOAs	3	HCL

NOTES:
HC FPPH (Product) began coming up ~ 7 gallons
Well not sampled due to free product
We purged ~ 40 gallons total, of which approx. 27 gallons was pure FPPH.

ADDITIONAL INFORMATION:

TOC = Top of well casing

*Casing Volume = r^2h(ft) x 7.48 gal/ft.^{3}

4" well = 0.66 Gal./Foot

2" well = 0.163 Gal./Foot

GROUNDWATER SAMPLING LOG

PROJECT NAME: CENCO
PROJECT NO.: 1003-001-300
DATE: 8·23·2011 3Q 2011

WELL NO. **MW-15B** Hospital
SAMPLED BY: Frane Sosic

WELL NOTES:
WELL CONDITION:
OK

WEATHER CONDITIONS:
Clear & sunny w/ light breeze (~85°F)

PURGING AND SAMPLING EQUIPMENT:
YSI 556
Interface probe (200')
4-gas meter

WELL INFORMATION		
TOP OF CASING ELEV.		(ft.)
WELL DIAMETER	2"	(inches)
DEPTH OF WELL	155.60	(ft.)
DEPTH TO WATER	113.00	(ft.)
HEIGHT OF WATER COLUMN	42.60	(ft.)
CASING VOLUME*	Hgt. x 0.163 Gal./Ft. = 6.9438	(gal)
PURGE VOLUME	x 3 = 20.8314	(gal)
PRODUCT THICKNESS		(ft.)

PURGE DATA

Time:	Purge Volume (Gal.)	Flow Rate (Gal./Min.)	pH	Sp.Cond. (mS/cm)	Turbidity NTUs	DO mg/L	Temperature (F/C)	TDS	ORP	Color	Odor
1227	5		7.53	2.109	/	3.23	23.95	/	-11.9	Olive gray	Strong
1231	10		7.55	2.098	/	4.36	23.70	/	-4.2	Cloudy	Strong
1237	15		7.58	2.110	/	7.80	23.62	/	-6.8	Cloudy	Strong
1244	20		7.56	2.110	/	3.85	23.33	/	-2.1	Clear	Mild

Sample No.	Sample Time Time	Packing	Analyses	Container	Quantity	Preserv-ative
1	8·23·11	ice	8260B - VOCs + Oxys	VOAs	3	HCL
1	12:45	ice	8015M - TPH-g	VOAs	3	HCL
2	8·23·11	ice	8260B	VOAs	3	HCL
2	13:13	ice	8015M	VOAs	3	HCL

DUPLICATE

NOTES:
Stinger issue → too short (~6 ft)... could not be pulled up from the bottom → clogged with silt. Took a long time to any water started coming up.
LL_W15B_082311_01 @ 12:45
LL_W15B_082311_02 @ 13:13

ADDITIONAL INFORMATION:
TOC = Top of well casing
*Casing Volume = r^2h(ft) x 7.48 gal/ft.^{3} 4" well = 0.66 Gal./Foot 2" well = 0.163 Gal./Foot

W-15A

		FPPH	DTW
8·23·2011	15:00	111.87	113.90

GROUNDWATER SAMPLING LOG

PROJECT NAME: CENCO
PROJECT NO.: 1003-001-300
DATE: 8.23.2011 3Q 2011

WELL NO. **MW-15C** Hospital
SAMPLED BY: Frane Sosic

WELL NOTES:
WELL CONDITION:
OK

WEATHER CONDITIONS:
Clear & sunny w/ light breeze (~85°F)

PURGING AND SAMPLING EQUIPMENT:
YSI 556
Interface probe (200')
4-gas meter

WELL INFORMATION		
TOP OF CASING ELEV.		(ft.)
WELL DIAMETER	2"	(inches)
DEPTH OF WELL	197.34	(ft.)
DEPTH TO WATER	112.97	(ft.)
HEIGHT OF WATER COLUMN	84.37	(ft.)
CASING VOLUME*	Hgt. x 0.163 Gal./Ft. = 13.75231	(gal)
PURGE VOLUME	x 3 = 41.25693	(gal)
PRODUCT THICKNESS		(ft.)

PURGE DATA

Time:	Purge Volume (Gal.)	Flow Rate (Gal./Min.)	pH	Sp.Cond. µS/cm	Turbidity NTUs	DO mg/L	Temperature (F/C)	TDS	ORP	Color	Odor
1336	5		7.56	1.944	/	4.89	23.82	/	-10.1	Cloudy	Strong
1345	10		7.64	1.902	/	4.40	23.51	/	-8.7	Clear	Mild
1357	15		7.59	1.899	/	5.05	22.97	/	-4.0	-"-	-"-

Sample No.	Sample Time Time	Packing	Analyses	Container	Quantity	Preserv-ative	NOTES:
1	8.23.11	ice	8260B - VOCs + Oxys	VOAs	3	HCL	LL_W15C_082311_01 @ 15:36
1	15:36	ice	8015M - TPH-g	VOAs	3	HCL	

ADDITIONAL INFORMATION:

TOC = Top of well casing

*Casing Volume = r^2h(ft) x 7.48 gal/ft.^{3} 4" well = 0.66 Gal./Foot 2" well = 0.163 Gal./Foot

Additional Groundwater Quality Parameters

Page 2 of 2

PROJECT NAME: CENCO

PROJECT NO.: 1003-001-300

DATE: 8-23-2011 3Q2011

WELL NO. 15C

SAMPLED BY: Frane Sosic

Time:	Purge Volume (Gal.)	Flow Rate (Gal./Min.)	pH	Sp.Cond. mS/cm)	Turbidity NTUs	DO mg/L	Temperature (F/C)	TDS	ORP	Color	Odor
1408	20		7.62	1.953		4.24	24.04		-5.2	Clear	Mild
1423	25		7.55	1.954		4.16	23.96		-3.5	Clear	Mild
1435	30		7.51	1.958		4.19	23.78		-3.3	Clear	Mild
1448	35		7.58	1.979		3.98	24.35		-3.0	Clear	Mild
1509	40		7.54	1.950		4.32	23.20		-2.4	Clear	Mild

GROUNDWATER SAMPLING LOG

PROJECT NAME: CENCO
PROJECT NO.: 1003-001-300
DATE: 8·26·2011 3Q 2011

WELL NO. **MW-16A** Walker
SAMPLED BY: Frane Sosic

WELL NOTES:
WELL CONDITION:
GOOD

WEATHER CONDITIONS:
Partly cloudy + humid (HOT ~90°F)

PURGING AND SAMPLING EQUIPMENT:
YSI 556
Interface probe (200')
4-gas meter

WELL INFORMATION		
TOP OF CASING ELEV.		(ft.)
WELL DIAMETER 2"		(inches)
DEPTH OF WELL 123.12		(ft.)
DEPTH TO WATER 114.50		(ft.)
HEIGHT OF WATER COLUMN 8.62		(ft.)
CASING VOLUME*	Hgt. x 0.163 Gal./Ft. = 1.40506	(gal)
PURGE VOLUME	x 3 = 4.21518	(gal)
PRODUCT THICKNESS		(ft.)

PURGE DATA

Time:	Purge Volume (Gal.)	Flow Rate (Gal./Min.)	pH	Sp.Cond. mS/cm	Turbidity NTUs	DO mg/L	Temperature (F/C)	TDS	ORP mV	Color (Silty)	Odor
1150	2		7.78	2.193		3.05	23.43		-77.6	Olive gray	None
1157	4		7.73	2.127		4.11	20.74		-73.4	Dk. gray	None

Sample No.	Sample Time Time	Packing	Analyses	Container	Quantity	Preserv-ative	NOTES:
1	8·26·11	ice	8260B - VOCs + Oxys	VOAs	3	HCL	LL_W16A_082611_01 @ 1214
1	1214	ice	8015M - TPH-g	VOAs	3	HCL	

ADDITIONAL INFORMATION:

TOC = Top of well casing

*Casing Volume = r^2h(ft) x 7.48 gal/ft.^{3}

4" well = 0.66 Gal./Foot

2" well = 0.163 Gal./Foot

GROUNDWATER SAMPLING LOG

PROJECT NAME: CENCO
PROJECT NO.: 1003-001-300
DATE: 8·26·2011 3Q 2011

WELL NO. **MW-16B** Walker
SAMPLED BY: Frane Sosic

WELL NOTES:
WELL CONDITION:
GOOD

WEATHER CONDITIONS:
Partly cloudy/humid/hot (~90°F)

PURGING AND SAMPLING EQUIPMENT:
YSI 556
Interface probe (200')
4-gas meter

WELL INFORMATION		
TOP OF CASING ELEV.		(ft.)
WELL DIAMETER	2"	(inches)
DEPTH OF WELL	160.25	(ft.)
DEPTH TO WATER	111.91	(ft.)
HEIGHT OF WATER COLUMN	48.34	(ft.)
CASING VOLUME*	Hgt. x 0.163 Gal./Ft. = 7.87942	(gal)
PURGE VOLUME	x 3 = 23.63826	(gal)
PRODUCT THICKNESS		(ft.)

PURGE DATA

Time:	Purge Volume (Gal.)	Flow Rate (Gal./Min.)	pH	Sp.Cond. µS/cm)	Turbidity NTUs	DO mg/L	Temperature (F/C)	TDS	ORP	Color	Odor
1247	5		8.11	2.101		2.87	24.10		-175.2	Lt. gray	Sulphur
1252	10		8.12	1.997		2.81	23.13		-190.6	Cloudy	Sulphur
1257	15		8.05	1.998		2.58	23.31		-206.3	Clear	Sulphur
1302	20		7.99	2.012		2.66	23.74		-207.6	Clear	Sulphur
1307	25		8.01	2.022		2.72	24.03		-217.4	Clear	Sulphur

Sample No.	Sample Time Time	Packing	Analyses	Container	Quantity	Preservative
1	8·26·11	ice	8260B - VOCs + Oxys	VOAs	3	HCL
1	1440	ice	8015M - TPH-g	VOAs	3	HCL

NOTES: Water took a really long time to begin purging

LL_W16B_082611-01 @ 1440

Steal Bailer down in well!

ADDITIONAL INFORMATION:

TOC = Top of well casing

*Casing Volume = r^2h(ft) x 7.48 gal/ft.^{3}

4" well = 0.66 Gal./Foot

2" well = 0.163 Gal./Foot

GROUNDWATER SAMPLING LOG

PAGE 1 OF 2

PROJECT NAME: CENCO
PROJECT NO.: 1003-001-300
DATE: 8·26·2011 3Q 2011

WELL NO. **MW-16C** Walker
SAMPLED BY: Frane Sosic

WELL NOTES:
WELL CONDITION:
GOOD

WEATHER CONDITIONS:
Partly cloudy/humid/hot (~90°F)

PURGING AND SAMPLING EQUIPMENT:
YSI 556
Interface probe (200')
4-gas meter

WELL INFORMATION			
TOP OF CASING ELEV.			(ft.)
WELL DIAMETER	2"		(inches)
DEPTH OF WELL	196.30		(ft.)
DEPTH TO WATER	111.54		(ft.)
HEIGHT OF WATER COLUMN	84.76		(ft.)
CASING VOLUME*	Hgt. x 0.163 Gal./Ft. =	13.81588	(gal)
PURGE VOLUME	x 3 =	41.44764	(gal)
PRODUCT THICKNESS			(ft.)

PURGE DATA

Time:	Purge Volume (Gal.)	Flow Rate (Gal./Min.)	pH	Sp.Cond. µS/cm	Turbidity NTUs	DO mg/L	Temperature (F/C)	TDS	ORP mV	Color	Odor
1328	5		8.00	1.332	/	2.26	23.95	/	-200.5	Cloudy	Sulphur/CH_2
1335	10		7.91	1.469		2.34	23.57		-212.2	Clear	-/1-
1342	15		7.85	1.483		2.23	24.00		-211.9	Clear	-/1-

Sample No.	Sample Time Time	Packing	Analyses	Container	Quantity	Preserv-ative	NOTES:
1	8·26·11	ice	8260B - VOCs + Oxys	VOAs	3	HCL	LL_W16C_082611_01 @ 1545
1	1545	ice	8015M - TPH-g	VOAs	3	HCL	

ADDITIONAL INFORMATION:

TOC = Top of well casing

*Casing Volume = r^2h(ft) x 7.48 gal/ft.^{3}

4" well = 0.66 Gal./Foot

2" well = 0.163 Gal./Foot

Additional Groundwater Quality Parameters

Page 2 of 2

PROJECT NAME: CENCO

PROJECT NO.: 1003-001-300

DATE: 8.26.2011

WELL NO. W-16C

SAMPLED BY: Frane Sosic

Time:	Purge Volume (Gal.)	Flow Rate (Gal./Min.)	pH	Sp.Cond. (mS/cm)	Turbidity NTUs	DO mg/L	Temperature (F/C)	TDS	ORP mV	Color	Odor
1349	20		7.82	1.505		2.26	23.86		-218.1	Clear	Sulphur / CH_4
1355	25		7.77	1.551		2.50	24.14		-218.6	Clear	-11-
1402	30		7.76	1.549		2.49	23.86		-220.3	Clear	-11-
1407	35		7.80	1.554		2.64	23.96		-222.5	Clear	-11-
1413	40		7.81	1.568		2.71	23.80		-223.2	Clear	-11-

GROUNDWATER SAMPLING LOG

PROJECT NAME: CENCO
PROJECT NO.: 1003-001-300
DATE: 8.24.2011 3Q 2011

WELL NO. **W-17A** Site
SAMPLED BY: Frane Sosic

WELL NOTES: ~~May Be Dry~~
WELL CONDITION:
OK - bolts don't tighten flush w/ surface

WEATHER CONDITIONS:
Clear + sunny (~90°F)

PURGING AND SAMPLING EQUIPMENT:
YSI 556
Interface probe (200')
4-gas meter

WELL INFORMATION		
TOP OF CASING ELEV.		(ft.)
WELL DIAMETER	2"	(inches)
DEPTH OF WELL	108.30	(ft.)
DEPTH TO WATER	100.36	(ft.)
HEIGHT OF WATER COLUMN	7.94	(ft.)
CASING VOLUME*	Hgt. x 0.163 Gal./Ft. = 1.29422	(gal)
PURGE VOLUME	x 3 = 3.88266	(gal)
PRODUCT THICKNESS		(ft.)

PURGE DATA

Time:	Purge Volume (Gal.)	Flow Rate (Gal./Min.)	pH	Sp.Cond. µS/cm)	Turbidity NTUs	DO mg/L	Temperature (F/C)	TDS	ORP mV	Color	Odor
1137	2		8.37	2.064		3.56	23.67		7.0	Gray	Mild
1142	4		7.85	2.002		3.23	22.88		2.6	Cloudy	Light

Sample No.	Sample Time Time	Packing	Analyses	Container	Quantity	Preserv-ative	NOTES:
1	13:25	ice	8260B - VOCs + Oxys	VOAs	3	HCL	LL_W17A_082411_01 @ 1325
1	13:25	ice	8015M - TPH-g	VOAs	3	HCL	

ADDITIONAL INFORMATION:

TOC = Top of well casing

*Casing Volume = r^2h(ft) x 7.48 gal/ft.^{3}

4" well = 0.66 Gal./Foot

2" well = 0.163 Gal./Foot

GROUNDWATER SAMPLING LOG

PROJECT NAME: CENCO
PROJECT NO.: 1003-001-300
DATE: 3Q 2011

WELL NO. **W-17B** Site
SAMPLED BY: Frane Sosic

WELL NOTES: ~~May Be Dry~~
WELL CONDITION: OK

WEATHER CONDITIONS: Clear + sunny w/ light breeze (~85°F)

PURGING AND SAMPLING EQUIPMENT:
YSI 556
Interface probe (200')
4-gas meter

WELL INFORMATION		
TOP OF CASING ELEV.		(ft.)
WELL DIAMETER	2"	(inches)
DEPTH OF WELL	169.60	(ft.)
DEPTH TO WATER	100.40	(ft.)
HEIGHT OF WATER COLUMN	69.20	(ft.)
CASING VOLUME*	Hgt. x 0.163 Gal./Ft. = 11.2796	(gal)
PURGE VOLUME	x 3 = 33.8388	(gal)
PRODUCT THICKNESS		(ft.)

PURGE DATA

Time:	Purge Volume (Gal.)	Flow Rate (Gal./Min.)	pH	Sp.Cond. µS/cm)	Turbidity NTUs	DO mg/L	Temperature (F / C)	TDS	ORP mV	Color	Odor
12:38	5		8.21	1.597	/	3.65	26.37	/	-131.3	Cloudy gray	CH_4 / Sulphur
12:43	10		7.99	1.507		3.25	24.97		-131.9	Cloudy	-11-
12:46	15		7.95	1.507		3.16	25.27		-139.3	Clear	-11-

Sample No.	Sample Time Time	Packing	Analyses	Container	Quantity	Preserv-ative	NOTES:
1	1400	ice	8260B - VOCs + Oxys	VOAs	3	HCL	LL_W17B_082411_01 @ 1400
1	1400	ice	8015M - TPH-g	VOAs	3	HCL	

ADDITIONAL INFORMATION:

TOC = Top of well casing

*Casing Volume = r^2h(ft) x 7.48 gal/ft.^{3} 4" well = 0.66 Gal./Foot 2" well = 0.163 Gal./Foot

Additional Groundwater Quality Parameters

Page 2 of 2

PROJECT NAME: CENCO

PROJECT NO.: 1003-001-300

DATE: 8-24-2011 3Q2011

WELL NO. 17B

SAMPLED BY: Frane Sosic

Time:	Purge Volume (Gal.)	Flow Rate (Gal./Min.)	pH	Sp.Cond. mS/cm	Turbidity NTUs	DO mg/L	Temperature (F (C))	TDS	ORP mV	Color	Odor
12:51	20		7.96	1.493		2.63	24.94		-140.5	Clear	CH_4/Sulphur
12:56	25		7.93	1.503		2.58	25.40		-145.9	Clear	-11-
1300	30		7.91	1.503		3.06	25.38		-148.6	Clear	-11-
1304	35		7.88	1.509		3.41	25.46		-153.7	Clear	-11-

GROUNDWATER SAMPLING LOG

PROJECT NAME: CENCO
PROJECT NO.: 1003-001-300
DATE: 8-24-2011 3Q 2011

WELL NO. **W-17C** Site
SAMPLED BY: Frane Sosic

WELL NOTES: ~~May Be Dry~~
WELL CONDITION: OK

WEATHER CONDITIONS: Clear + sunny w/ light breeze (~85°F)

PURGING AND SAMPLING EQUIPMENT:
YSI 556
Interface probe (200')
4-gas meter

WELL INFORMATION		
TOP OF CASING ELEV.		(ft.)
WELL DIAMETER	2"	(inches)
DEPTH OF WELL	200	(ft.)
DEPTH TO WATER	100.41	(ft.)
HEIGHT OF WATER COLUMN	99.59	(ft.)
CASING VOLUME*	Hgt. x 0.163 Gal./Ft. = 16.23314	(gal)
PURGE VOLUME	x 3 = 48.69951	(gal)
PRODUCT THICKNESS		(ft.)

PURGE DATA

Time:	Purge Volume (Gal.)	Flow Rate (Gal./Min.)	pH	Sp.Cond. mS/cm	Turbidity NTUs	DO mg/L	Temperature (F/C)	TDS	ORP mV	Color	Odor
1433	5		8.17	1.412	/	2.56	25.77	/	-168.4	Olive gray	Strong CH_4/H_2S
1437	10		8.13	1.333		2.63	25.39		-171.7	Cloudy	-11-
1442	15		8.10	1.321		2.66	25.31		-175.5	Cloudy	-11-

Sample No.	Sample Time Time	Packing	Analyses	Container	Quantity	Preserv-ative	NOTES:
1	1545	ice	8260B - VOCs + Oxys	VOAs	3	HCL	LL_W17C_082411_01 @ 1545
1	1545	ice	8015M - TPH-g	VOAs	3	HCL	

ADDITIONAL INFORMATION:

TOC = Top of well casing

*Casing Volume = r^2h(ft) x 7.48 gal/ft.^{3} 4" well = 0.66 Gal./Foot 2" well = 0.163 Gal./Foot

Additional Groundwater Quality Parameters

Page 2 of 2

PROJECT NAME: CENCO

PROJECT NO.: 1003-001-300

DATE: 8-24-2011

WELL NO. 17C

SAMPLED BY: Frane Sosic

Time:	Purge Volume (Gal.)	Flow Rate (Gal./Min.)	pH	Sp.Cond. mS/cm)	Turbidity NTUs	DO mg/L	Temperature (F/C)	TDS	ORP mV	Color	Odor
1445	20		8.06	1.323		2.76	25.49		-182.0	Cloudy	Strong CH_4 / H_2S
1449	25		8.00	1.319		2.80	25.42		-185.1	Clear	-11-
1453	30		7.97	1.312		2.45	25.23		-186.3	Clear	-11-
1458	35		7.98	1.300		2.70	24.79		-189.0	Clear	-11-
1502	40		7.93	1.313		2.98	25.42		-191.9	Clear	-11-
1506	45		7.90	1.322		2.54	25.61		-197.5	Clear	-11-
1510	50		7.94	1.315		3.12	25.40		-201.7	Clear	-11-

Appendix B

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

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

25 August 2011

Jeremy Squire
Murex
2640 Walnut Ave. Unit F
Tustin, CA 92780

RE: Cenco

Enclosed are the results of analyses for samples received by the laboratory on 08/22/11 17:23. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Daniel Chavez
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

Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	08/25/11 16:25

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
LL_W14A_082211_01	T111148-01	Water	08/22/11 10:45	08/22/11 17:23
LL_W14B_082211_01	T111148-02	Water	08/22/11 11:36	08/22/11 17:23
LL_W14C_082211_01	T111148-03	Water	08/22/11 16:00	08/22/11 17:23

SunStar Laboratories, Inc.

Daniel J Chávez

Daniel Chavez, 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.
Providing Quality Analytical Services Nationwide

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

Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	08/25/11 16:25

LL_W14A_082211_01

T111148-01 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Purgeable Petroleum Hydrocarbons by EPA 8015C									
C6-C12 (GRO)	ND	50	ug/l	1	1082318	08/23/11	08/23/11	EPA 8015C	
Surrogate 4-Bromofluorobenzene		*94.7 %*	*72.6-146*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B									
Bromobenzene	ND	1.0	ug/l	1	1082316	08/23/11	08/23/11	EPA 8260B	
Bromochloromethane	ND	1.0	"	"	"	"	"	"	
Bromodichloromethane	ND	1.0	"	"	"	"	"	"	
Bromoform	ND	1.0	"	"	"	"	"	"	
Bromomethane	ND	1.0	"	"	"	"	"	"	
n-Butylbenzene	ND	1.0	"	"	"	"	"	"	
sec-Butylbenzene	ND	1.0	"	"	"	"	"	"	
tert-Butylbenzene	ND	1.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.50	"	"	"	"	"	"	
Chlorobenzene	ND	1.0	"	"	"	"	"	"	
Chloroethane	ND	1.0	"	"	"	"	"	"	
Chloroform	ND	1.0	"	"	"	"	"	"	
Chloromethane	ND	1.0	"	"	"	"	"	"	
2-Chlorotoluene	ND	1.0	"	"	"	"	"	"	
4-Chlorotoluene	ND	1.0	"	"	"	"	"	"	
Dibromochloromethane	ND	1.0	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	1.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	1.0	"	"	"	"	"	"	
Dibromomethane	ND	1.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.50	"	"	"	"	"	"	
1,1-Dichloroethane	ND	1.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
1,1-Dichloroethene	ND	1.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	**5.2**	1.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	**1.0**	1.0	"	"	"	"	"	"	

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.

Daniel Chavez, 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

Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	08/25/11 16:25

LL_W14A_082211_01

T111148-01 (Water)

SunStar Laboratories, Inc.

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
1,2-Dichloropropane	ND	1.0	ug/l	1	1082316	08/23/11	08/23/11	EPA 8260B	
1,3-Dichloropropane	ND	1.0	"	"	"	"	"	"	
2,2-Dichloropropane	ND	1.0	"	"	"	"	"	"	
1,1-Dichloropropene	ND	1.0	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	
Hexachlorobutadiene	ND	1.0	"	"	"	"	"	"	
Isopropylbenzene	ND	1.0	"	"	"	"	"	"	
p-Isopropyltoluene	ND	1.0	"	"	"	"	"	"	
Methylene chloride	ND	1.0	"	"	"	"	"	"	
Naphthalene	ND	1.0	"	"	"	"	"	"	
n-Propylbenzene	ND	1.0	"	"	"	"	"	"	
Styrene	ND	1.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	1.0	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	1.0	"	"	"	"	"	"	
Tetrachloroethene	ND	1.0	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	1.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	1.0	"	"	"	"	"	"	
Trichloroethene	**5.8**	1.0	"	"	"	"	"	"	
Trichlorofluoromethane	ND	1.0	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	1.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	1.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	1.0	"	"	"	"	"	"	
Vinyl chloride	ND	1.0	"	"	"	"	"	"	
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	"	"	"	"	"	"	

SunStar Laboratories, Inc.

Daniel J Chavez

Daniel Chavez, 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.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

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

Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	08/25/11 16:25

LL_W14A_082211_01

T111148-01 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Volatile Organic Compounds by EPA Method 8260B									
Tert-butyl alcohol	ND	10	ug/l	1	1082316	08/23/11	08/23/11	EPA 8260B	
Di-isopropyl ether	ND	2.0	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	2.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	1.0	"	"	"	"	"	"	
1,1,2-trichloro-1,2,2-trifluoroethane (CFC 113)	ND	5.0	"	"	"	"	"	"	
Surrogate 4-Bromofluorobenzene		*92.4 %*	*77.1-110*		"	"	"	"	
Surrogate Dibromofluoromethane		*81.0 %*	*66.3-111*		"	"	"	"	
Surrogate Toluene-d8		*95.0 %*	*84.7-109*		"	"	"	"	

SunStar Laboratories, Inc.

Daniel J Chávez

Daniel Chavez, 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.
Providing Quality Analytical Services Nationwide

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

Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	08/25/11 16:25

LL_W14B_082211_01

T111148-02 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Purgeable Petroleum Hydrocarbons by EPA 8015C									
C6-C12 (GRO)	**200**	50	ug/l	1	1082318	08/23/11	08/23/11	EPA 8015C	
Surrogate 4-Bromofluorobenzene		*94.4 %*	*72.6-146*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B									
Bromobenzene	ND	1.0	ug/l	1	1082316	08/23/11	08/24/11	EPA 8260B	
Bromochloromethane	ND	1.0	"	"	"	"	"	"	
Bromodichloromethane	**1.6**	1.0	"	"	"	"	"	"	
Bromoform	ND	1.0	"	"	"	"	"	"	
Bromomethane	ND	1.0	"	"	"	"	"	"	
n-Butylbenzene	ND	1.0	"	"	"	"	"	"	
sec-Butylbenzene	ND	1.0	"	"	"	"	"	"	
tert-Butylbenzene	ND	1.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.50	"	"	"	"	"	"	
Chlorobenzene	ND	1.0	"	"	"	"	"	"	
Chloroethane	ND	1.0	"	"	"	"	"	"	
Chloroform	ND	1.0	"	"	"	"	"	"	
Chloromethane	ND	1.0	"	"	"	"	"	"	
2-Chlorotoluene	ND	1.0	"	"	"	"	"	"	
4-Chlorotoluene	ND	1.0	"	"	"	"	"	"	
Dibromochloromethane	ND	1.0	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	1.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	1.0	"	"	"	"	"	"	
Dibromomethane	ND	1.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.50	"	"	"	"	"	"	
1,1-Dichloroethane	**3.2**	1.0	"	"	"	"	"	"	
1,2-Dichloroethane	**0.98**	0.50	"	"	"	"	"	"	
1,1-Dichloroethene	**53**	1.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	**9.8**	1.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	**2.4**	1.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	1.0	"	"	"	"	"	"	

SunStar Laboratories, Inc.

Daniel J Chavez

Daniel Chavez, 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.
Providing Quality Analytical Services Nationwide

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

Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	08/25/11 16:25

LL_W14B_082211_01

T111148-02 (Water)

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	1.0	ug/l	1	1082316	08/23/11	08/24/11	EPA 8260B	
2,2-Dichloropropane	ND	1.0	"	"	"	"	"	"	
1,1-Dichloropropene	ND	1.0	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	
Hexachlorobutadiene	ND	1.0	"	"	"	"	"	"	
Isopropylbenzene	ND	1.0	"	"	"	"	"	"	
p-Isopropyltoluene	ND	1.0	"	"	"	"	"	"	
Methylene chloride	ND	1.0	"	"	"	"	"	"	
Naphthalene	ND	1.0	"	"	"	"	"	"	
n-Propylbenzene	ND	1.0	"	"	"	"	"	"	
Styrene	ND	1.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	1.0	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	1.0	"	"	"	"	"	"	
Tetrachloroethene	**28**	1.0	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	1.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	1.0	"	"	"	"	"	"	
Trichloroethene	**130**	25	"	25	"	"	"	"	
Trichlorofluoromethane	ND	1.0	"	1	"	"	"	"	
1,2,3-Trichloropropane	ND	1.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	1.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	1.0	"	"	"	"	"	"	
Vinyl chloride	ND	1.0	"	"	"	"	"	"	
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	"	"	"	"	"	"	

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.

Daniel Chavez, 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

Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	08/25/11 16:25

LL_W14B_082211_01

T111148-02 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Volatile Organic Compounds by EPA Method 8260B									
Di-isopropyl ether	ND	2.0	ug/l	1	1082316	08/23/11	08/24/11	EPA 8260B	
Ethyl tert-butyl ether	ND	2.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	1.0	"	"	"	"	"	"	
1,1,2-trichloro-1,2,2-trifluoroethane (CFC 113)	ND	5.0	"	"	"	"	"	"	
Surrogate 4-Bromofluorobenzene		*94.4 %*	*77.1-110*		"	"	"	"	
Surrogate Dibromofluoromethane		*79.8 %*	*66.3-111*		"	"	"	"	
Surrogate Toluene-d8		*98.5 %*	*84.7-109*		"	"	"	"	

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.

Daniel Chavez, 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

Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	08/25/11 16:25

LL_W14C_082211_01

T111148-03 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Purgeable Petroleum Hydrocarbons by EPA 8015C									
C6-C12 (GRO)	**290**	50	ug/l	1	1082318	08/23/11	08/23/11	EPA 8015C	
Surrogate 4-Bromofluorobenzene		*96.6 %*	*72.6-146*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B									
Bromobenzene	ND	1.0	ug/l	1	1082316	08/23/11	08/24/11	EPA 8260B	
Bromochloromethane	ND	1.0	"	"	"	"	"	"	
Bromodichloromethane	ND	1.0	"	"	"	"	"	"	
Bromoform	ND	1.0	"	"	"	"	"	"	
Bromomethane	ND	1.0	"	"	"	"	"	"	
n-Butylbenzene	ND	1.0	"	"	"	"	"	"	
sec-Butylbenzene	ND	1.0	"	"	"	"	"	"	
tert-Butylbenzene	ND	1.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.50	"	"	"	"	"	"	
Chlorobenzene	ND	1.0	"	"	"	"	"	"	
Chloroethane	ND	1.0	"	"	"	"	"	"	
Chloroform	ND	1.0	"	"	"	"	"	"	
Chloromethane	ND	1.0	"	"	"	"	"	"	
2-Chlorotoluene	ND	1.0	"	"	"	"	"	"	
4-Chlorotoluene	ND	1.0	"	"	"	"	"	"	
Dibromochloromethane	ND	1.0	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	1.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	1.0	"	"	"	"	"	"	
Dibromomethane	ND	1.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.50	"	"	"	"	"	"	
1,1-Dichloroethane	**2.2**	1.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
1,1-Dichloroethene	**12**	1.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	**26**	1.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	**2.3**	1.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	1.0	"	"	"	"	"	"	

SunStar Laboratories, Inc.

Daniel J Chavez

Daniel Chavez, 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.
Providing Quality Analytical Services Nationwide

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

Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	08/25/11 16:25

LL_W14C_082211_01

T111148-03 (Water)

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	1.0	ug/l	1	1082316	08/23/11	08/24/11	EPA 8260B	
2,2-Dichloropropane	ND	1.0	"	"	"	"	"	"	
1,1-Dichloropropene	ND	1.0	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	
Hexachlorobutadiene	ND	1.0	"	"	"	"	"	"	
Isopropylbenzene	ND	1.0	"	"	"	"	"	"	
p-Isopropyltoluene	ND	1.0	"	"	"	"	"	"	
Methylene chloride	ND	1.0	"	"	"	"	"	"	
Naphthalene	ND	1.0	"	"	"	"	"	"	
n-Propylbenzene	ND	1.0	"	"	"	"	"	"	
Styrene	ND	1.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	1.0	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	1.0	"	"	"	"	"	"	
Tetrachloroethene	ND	1.0	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	1.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	1.0	"	"	"	"	"	"	
Trichloroethene	**21**	1.0	"	"	"	"	"	"	
Trichlorofluoromethane	ND	1.0	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	1.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	1.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	1.0	"	"	"	"	"	"	
Vinyl chloride	ND	1.0	"	"	"	"	"	"	
Benzene	**0.73**	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	**22**	10	"	"	"	"	"	"	

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.

Daniel Chavez, 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

Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	08/25/11 16:25

LL_W14C_082211_01

T111148-03 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Volatile Organic Compounds by EPA Method 8260B									
Di-isopropyl ether	ND	2.0	ug/l	1	1082316	08/23/11	08/24/11	EPA 8260B	
Ethyl tert-butyl ether	ND	2.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	1.0	"	"	"	"	"	"	
1,1,2-trichloro-1,2,2-trifluoroethane (CFC 113)	ND	5.0	"	"	"	"	"	"	
Surrogate 4-Bromofluorobenzene		*96.6 %*	*77.1-110*		"	"	"	"	
Surrogate Dibromofluoromethane		*80.2 %*	*66.3-111*		"	"	"	"	
Surrogate Toluene-d8		*96.0 %*	*84.7-109*		"	"	"	"	

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.

Daniel Chavez, 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

Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	08/25/11 16:25

Purgeable Petroleum Hydrocarbons by EPA 8015C - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1082318 - EPA 5030 GC										
Blank (1082318-BLK1)				Prepared & Analyzed: 08/23/11						
C6-C12 (GRO)	ND	50	ug/l							
Surrogate 4-Bromofluorobenzene	*102*		*"*	*100*		*102*	*72.6-146*			
LCS (1082318-BS1)				Prepared & Analyzed: 08/23/11						
C6-C12 (GRO)	5670	50	ug/l	5500		103	75-125			
Surrogate 4-Bromofluorobenzene	*95.7*		*"*	*100*		*95.7*	*72.6-146*			
Matrix Spike (1082318-MS1)		**Source: T111148-02**		Prepared & Analyzed: 08/23/11						
C6-C12 (GRO)	5740	50	ug/l	5500	197	101	65-135			
Surrogate 4-Bromofluorobenzene	*98.9*		*"*	*100*		*98.9*	*72.6-146*			
Matrix Spike Dup (1082318-MSD1)		**Source: T111148-02**		Prepared & Analyzed: 08/23/11						
C6-C12 (GRO)	5750	50	ug/l	5500	197	101	65-135	0.181	20	
Surrogate 4-Bromofluorobenzene	*99.1*		*"*	*100*		*99.1*	*72.6-146*			

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.

Daniel Chavez, 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

Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	08/25/11 16:25

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 1082316 - EPA 5030 GCMS										
Blank (1082316-BLK1)				Prepared & Analyzed: 08/23/11						
Bromobenzene	ND	1.0	ug/l							
Bromochloromethane	ND	1.0	"							
Bromodichloromethane	ND	1.0	"							
Bromoform	ND	1.0	"							
Bromomethane	ND	1.0	"							
n-Butylbenzene	ND	1.0	"							
sec-Butylbenzene	ND	1.0	"							
tert-Butylbenzene	ND	1.0	"							
Carbon tetrachloride	ND	0.50	"							
Chlorobenzene	ND	1.0	"							
Chloroethane	ND	1.0	"							
Chloroform	ND	1.0	"							
Chloromethane	ND	1.0	"							
2-Chlorotoluene	ND	1.0	"							
4-Chlorotoluene	ND	1.0	"							
Dibromochloromethane	ND	1.0	"							
1,2-Dibromo-3-chloropropane	ND	1.0	"							
1,2-Dibromoethane (EDB)	ND	1.0	"							
Dibromomethane	ND	1.0	"							
1,2-Dichlorobenzene	ND	1.0	"							
1,3-Dichlorobenzene	ND	1.0	"							
1,4-Dichlorobenzene	ND	1.0	"							
Dichlorodifluoromethane	ND	0.50	"							
1,1-Dichloroethane	ND	1.0	"							
1,2-Dichloroethane	ND	0.50	"							
1,1-Dichloroethene	ND	1.0	"							
cis-1,2-Dichloroethene	ND	1.0	"							
trans-1,2-Dichloroethene	ND	1.0	"							
1,2-Dichloropropane	ND	1.0	"							
1,3-Dichloropropane	ND	1.0	"							
2,2-Dichloropropane	ND	1.0	"							
1,1-Dichloropropene	ND	1.0	"							
cis-1,3-Dichloropropene	ND	0.50	"							
trans-1,3-Dichloropropene	ND	0.50	"							
Hexachlorobutadiene	ND	1.0	"							
Isopropylbenzene	ND	1.0	"							

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.

Daniel Chavez, 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

Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	08/25/11 16:25

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 1082316 - EPA 5030 GCMS										
Blank (1082316-BLK1)				Prepared & Analyzed: 08/23/11						
p-Isopropyltoluene	ND	1.0	ug/l							
Methylene chloride	ND	1.0	"							
Naphthalene	ND	1.0	"							
n-Propylbenzene	ND	1.0	"							
Styrene	ND	1.0	"							
1,1,2,2-Tetrachloroethane	ND	1.0	"							
1,1,1,2-Tetrachloroethane	ND	1.0	"							
Tetrachloroethene	ND	1.0	"							
1,2,3-Trichlorobenzene	ND	1.0	"							
1,2,4-Trichlorobenzene	ND	1.0	"							
1,1,2-Trichloroethane	ND	1.0	"							
1,1,1-Trichloroethane	ND	1.0	"							
Trichloroethene	ND	1.0	"							
Trichlorofluoromethane	ND	1.0	"							
1,2,3-Trichloropropane	ND	1.0	"							
1,3,5-Trimethylbenzene	ND	1.0	"							
1,2,4-Trimethylbenzene	ND	1.0	"							
Vinyl chloride	ND	1.0	"							
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	"							
1,1,2-trichloro-1,2,2-trifluoroethane (CFC 113)	ND	5.0	"							
Surrogate 4-Bromofluorobenzene	*7.36*		*"*	*8.00*		*92.0*	*77.1-110*			
Surrogate Dibromofluoromethane	*6.77*		*"*	*8.00*		*84.6*	*66.3-111*			
Surrogate Toluene-d8	*7.76*		*"*	*8.00*		*97.0*	*84.7-109*			

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.

Daniel Chavez, 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

Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	08/25/11 16:25

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 1082316 - EPA 5030 GCMS										
LCS (1082316-BS1)				Prepared & Analyzed: 08/23/11						
Chlorobenzene	17.7	1.0	ug/l	20.0		88.4	75-125			
1,1-Dichloroethene	17 3	1.0	"	20.0		86.4	75-125			
Trichloroethene	19.0	1.0	"	20.0		95.0	75-125			
Benzene	17.4	0.50	"	20.0		87.2	75-125			
Toluene	18 2	0.50	"	20.0		90.9	75-125			
Surrogate 4-Bromofluorobenzene	*7.68*		*"*	*8.00*		*96.0*	*77.1-110*			
Surrogate Dibromofluoromethane	*6.64*		*"*	*8.00*		*83.0*	*66.3-111*			
Surrogate Toluene-d8	*7.74*		*"*	*8.00*		*96.8*	*84.7-109*			
Matrix Spike (1082316-MS1)		**Source: T111148-01**		Prepared & Analyzed: 08/23/11						
Chlorobenzene	17.7	1.0	ug/l	20.0	ND	88.5	75-125			
1,1-Dichloroethene	17 1	1.0	"	20.0	0.890	80.9	75-125			
Trichloroethene	21 5	1.0	"	20.0	5.76	78.8	75-125			
Benzene	18 2	0.50	"	20.0	ND	91.2	75-125			
Toluene	18 2	0.50	"	20.0	ND	91.2	75-125			
Surrogate 4-Bromofluorobenzene	*7.37*		*"*	*8.00*		*92.1*	*77.1-110*			
Surrogate Dibromofluoromethane	*6.24*		*"*	*8.00*		*78.0*	*66.3-111*			
Surrogate Toluene-d8	*7.58*		*"*	*8.00*		*94.8*	*84.7-109*			
Matrix Spike Dup (1082316-MSD1)		**Source: T111148-01**		Prepared & Analyzed: 08/23/11						
Chlorobenzene	18.0	1.0	ug/l	20.0	ND	90.2	75-125	1.90	20	
1,1-Dichloroethene	17.6	1.0	"	20.0	0.890	83.6	75-125	3.11	20	
Trichloroethene	21.6	1.0	"	20.0	5.76	79.4	75-125	0.603	20	
Benzene	17 5	0.50	"	20.0	ND	87.6	75-125	3.91	20	
Toluene	17 9	0.50	"	20.0	ND	89.3	75-125	2.05	20	
Surrogate 4-Bromofluorobenzene	*7.72*		*"*	*8.00*		*96.5*	*77.1-110*			
Surrogate Dibromofluoromethane	*6.31*		*"*	*8.00*		*78.9*	*66.3-111*			
Surrogate Toluene-d8	*7.64*		*"*	*8.00*		*95.5*	*84.7-109*			

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.

Daniel Chavez, 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

Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	08/25/11 16:25

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.

Daniel Chavez, Project Manager

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

Chain of Custody Record

Client: MUREX
Address: 2640 Walnut Ave., Unit F, Tustin, CA
Phone: (714) 508-0800 Fax: (714) 508-0880
Project Manager: Jeremy Squire

Date: 8·22·2011 Page: 1 Of 1
Project Name: CENCO
Collector: F. Sosic Client Project #: 1003-001-300
Batch #: T111148 EDF #:

Sample ID	Date Sampled	Time	Sample Type	Container Type	8260	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
LL_W14A_082211_01	8·22·2011	1045	GW	40 mL VOA		X				X								01		6
LL_W14B_082211_01	8·22·2011	1136	GW	40 mL VOA		X				X								02		6
LL_W14C_082211_01	8·22·2011	1620	GW	40 mL VOA		X				X								03		6

Relinquished by: (signature)	Date / Time	Received by: (signature)	Date / Time
F. Sosic	8/22/11 1723		8/22/11 1723
Relinquished by: (signature)	Date / Time	Received by: (signature)	Date / Time
Relinquished by: (signature)	Date / Time	Received by: (signature)	Date / Time

		Notes
Total # of containers	18	
Chain of Custody seals Y/N/NA	✓	
Seals intact? Y/N/NA	N/A	
Received good condition/cold	Y	3.2°

Turn around time:

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

COC 102659

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

SAMPLE RECEIVING REVIEW SHEET

BATCH # T111148

Client Name: MUREX Project: CENCO

Received by: DAN Date/Time Received: 8/22/11 1723

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 3.4 °C +/- the CF (- 0.2°C) = 3.2 °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 8/23/11

Comments:

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

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

29 August 2011

Jeremy Squire
Murex
2640 Walnut Ave. Unit F
Tustin, CA 92780

RE: Cenco

Enclosed are the results of analyses for samples received by the laboratory on 08/23/11 16:54. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Daniel Chavez
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

Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	08/29/11 14:32

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
LL_W15B_082311_01	T111151-01	Water	08/23/11 12:45	08/23/11 16:54
LL_W15B_082311_02	T111151-02	Water	08/23/11 13:13	08/23/11 16:54
LL_W15C_082311_01	T111151-03	Water	08/23/11 15:36	08/23/11 16:54

SunStar Laboratories, Inc.

Daniel J Chávez

Daniel Chavez, 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.
Providing Quality Analytical Services Nationwide

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

Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	08/29/11 14:32

LL_W15B_082311_01
T111151-01 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Purgeable Petroleum Hydrocarbons by EPA 8015C									
C6-C12 (GRO)	**1400**	50	ug/l	1	1082411	08/24/11	08/24/11	EPA 8015C	
Surrogate 4-Bromofluorobenzene		*94.0 %*	*72.6-146*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B									
Bromobenzene	ND	1.0	ug/l	1	1082413	08/24/11	08/24/11	EPA 8260B	
Bromochloromethane	ND	1.0	"	"	"	"	"	"	
Bromodichloromethane	ND	1.0	"	"	"	"	"	"	
Bromoform	ND	1.0	"	"	"	"	"	"	
Bromomethane	ND	1.0	"	"	"	"	"	"	
n-Butylbenzene	ND	1.0	"	"	"	"	"	"	
sec-Butylbenzene	**1.2**	1.0	"	"	"	"	"	"	
tert-Butylbenzene	ND	1.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.50	"	"	"	"	"	"	
Chlorobenzene	ND	1.0	"	"	"	"	"	"	
Chloroethane	ND	1.0	"	"	"	"	"	"	
Chloroform	ND	1.0	"	"	"	"	"	"	
Chloromethane	ND	1.0	"	"	"	"	"	"	
2-Chlorotoluene	ND	1.0	"	"	"	"	"	"	
4-Chlorotoluene	ND	1.0	"	"	"	"	"	"	
Dibromochloromethane	ND	1.0	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	1.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	1.0	"	"	"	"	"	"	
Dibromomethane	ND	1.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.50	"	"	"	"	"	"	
1,1-Dichloroethane	ND	1.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
1,1-Dichloroethene	ND	1.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	

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.

Daniel Chavez, 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

Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	08/29/11 14:32

LL_W15B_082311_01

T111151-01 (Water)

SunStar Laboratories, Inc.

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
1,2-Dichloropropane	ND	1.0	ug/l	1	1082413	08/24/11	08/24/11	EPA 8260B	
1,3-Dichloropropane	ND	1.0	"	"	"	"	"	"	
2,2-Dichloropropane	ND	1.0	"	"	"	"	"	"	
1,1-Dichloropropene	ND	1.0	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	
Hexachlorobutadiene	ND	1.0	"	"	"	"	"	"	
Isopropylbenzene	**9.8**	1.0	"	"	"	"	"	"	
p-Isopropyltoluene	ND	1.0	"	"	"	"	"	"	
Methylene chloride	ND	1.0	"	"	"	"	"	"	
Naphthalene	ND	1.0	"	"	"	"	"	"	
n-Propylbenzene	**11**	1.0	"	"	"	"	"	"	
Styrene	ND	1.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	1.0	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	1.0	"	"	"	"	"	"	
Tetrachloroethene	ND	1.0	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	1.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	1.0	"	"	"	"	"	"	
Trichloroethene	ND	1.0	"	"	"	"	"	"	
Trichlorofluoromethane	ND	1.0	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	1.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	**7.2**	1.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	**13**	1.0	"	"	"	"	"	"	
Vinyl chloride	ND	1.0	"	"	"	"	"	"	
Benzene	**120**	0.50	"	"	"	"	"	"	
Toluene	**40**	0.50	"	"	"	"	"	"	
Ethylbenzene	**17**	0.50	"	"	"	"	"	"	
m,p-Xylene	**110**	1.0	"	"	"	"	"	"	
o-Xylene	**30**	0.50	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	2.0	"	"	"	"	"	"	
Tert-butyl alcohol	**210**	10	"	"	"	"	"	"	

SunStar Laboratories, Inc.

Daniel J Chavez

Daniel Chavez, 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.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

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

Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	08/29/11 14:32

LL_W15B_082311_01

T111151-01 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Volatile Organic Compounds by EPA Method 8260B									
Di-isopropyl ether	ND	2.0	ug/l	1	1082413	08/24/11	08/24/11	EPA 8260B	
Ethyl tert-butyl ether	ND	2.0	"	"	"	"	"	"	
Methyl tert-butyl ether	**260**	10	"	10	"	"	"	"	
1,1,2-trichloro-1,2,2-trifluoroethane (CFC 113)	ND	5.0	"	1	"	"	"	"	
Surrogate 4-Bromofluorobenzene		*125 %*	*77.1-110*		"	"	"	"	*S-GC*
Surrogate Dibromofluoromethane		*108 %*	*66.3-111*		"	"	"	"	
Surrogate Toluene-d8		*102 %*	*84.7-109*		"	"	"	"	

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.

Daniel Chavez, 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

Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	08/29/11 14:32

LL_W15B_082311_02

T111151-02 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Purgeable Petroleum Hydrocarbons by EPA 8015C									
C6-C12 (GRO)	**1100**	50	ug/l	1	1082411	08/24/11	08/24/11	EPA 8015C	
Surrogate 4-Bromofluorobenzene		*92.1 %*	*72.6-146*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B									
Bromobenzene	ND	1.0	ug/l	1	1082413	08/24/11	08/25/11	EPA 8260B	
Bromochloromethane	ND	1.0	"	"	"	"	"	"	
Bromodichloromethane	ND	1.0	"	"	"	"	"	"	
Bromoform	ND	1.0	"	"	"	"	"	"	
Bromomethane	ND	1.0	"	"	"	"	"	"	
n-Butylbenzene	**1.0**	1.0	"	"	"	"	"	"	
sec-Butylbenzene	**1.9**	1.0	"	"	"	"	"	"	
tert-Butylbenzene	ND	1.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.50	"	"	"	"	"	"	
Chlorobenzene	ND	1.0	"	"	"	"	"	"	
Chloroethane	ND	1.0	"	"	"	"	"	"	
Chloroform	ND	1.0	"	"	"	"	"	"	
Chloromethane	ND	1.0	"	"	"	"	"	"	
2-Chlorotoluene	ND	1.0	"	"	"	"	"	"	
4-Chlorotoluene	ND	1.0	"	"	"	"	"	"	
Dibromochloromethane	ND	1.0	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	1.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	1.0	"	"	"	"	"	"	
Dibromomethane	ND	1.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.50	"	"	"	"	"	"	
1,1-Dichloroethane	ND	1.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
1,1-Dichloroethene	ND	1.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	1.0	"	"	"	"	"	"	

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.

Daniel Chavez, 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

Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	08/29/11 14:32

LL_W15B_082311_02

T111151-02 (Water)

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	1.0	ug/l	1	1082413	08/24/11	08/25/11	EPA 8260B	
2,2-Dichloropropane	ND	1.0	"	"	"	"	"	"	
1,1-Dichloropropene	ND	1.0	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	
Hexachlorobutadiene	ND	1.0	"	"	"	"	"	"	
Isopropylbenzene	**15**	1.0	"	"	"	"	"	"	
p-Isopropyltoluene	ND	1.0	"	"	"	"	"	"	
Methylene chloride	ND	1.0	"	"	"	"	"	"	
Naphthalene	ND	1.0	"	"	"	"	"	"	
n-Propylbenzene	**16**	1.0	"	"	"	"	"	"	
Styrene	ND	1.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	1.0	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	1.0	"	"	"	"	"	"	
Tetrachloroethene	ND	1.0	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	1.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	1.0	"	"	"	"	"	"	
Trichloroethene	ND	1.0	"	"	"	"	"	"	
Trichlorofluoromethane	ND	1.0	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	1.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	**7.2**	1.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	**14**	1.0	"	"	"	"	"	"	
Vinyl chloride	ND	1.0	"	"	"	"	"	"	
Benzene	**110**	0.50	"	"	"	"	"	"	
Toluene	**34**	0.50	"	"	"	"	"	"	
Ethylbenzene	**15**	0.50	"	"	"	"	"	"	
m,p-Xylene	**100**	1.0	"	"	"	"	"	"	
o-Xylene	**29**	0.50	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	2.0	"	"	"	"	"	"	
Tert-butyl alcohol	**220**	10	"	"	"	"	"	"	
Di-isopropyl ether	ND	2.0	"	"	"	"	"	"	

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.

Daniel Chavez, 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

Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	08/29/11 14:32

LL_W15B_082311_02

T111151-02 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Volatile Organic Compounds by EPA Method 8260B									
Ethyl tert-butyl ether	ND	2.0	ug/l	1	1082413	08/24/11	08/25/11	EPA 8260B	
Methyl tert-butyl ether	**200**	10	"	10	"	"	"	"	
1,1,2-trichloro-1,2,2-trifluoroethane (CFC 113)	ND	5.0	"	1	"	"	"	"	
Surrogate 4-Bromofluorobenzene		*117 %*		*77.1-110*	"	"	"	"	*S-GC*
Surrogate Dibromofluoromethane		*112 %*		*66.3-111*	"	"	"	"	*S-GC*
Surrogate Toluene-d8		*97.6 %*		*84.7-109*	"	"	"	"	

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.

Daniel Chavez, 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

Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	08/29/11 14:32

LL_W15C_082311_01

T111151-03 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Purgeable Petroleum Hydrocarbons by EPA 8015C									
C6-C12 (GRO)	**89**	50	ug/l	1	1082411	08/24/11	08/24/11	EPA 8015C	
Surrogate 4-Bromofluorobenzene		*109 %*	*72.6-146*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B									
Bromobenzene	ND	1.0	ug/l	1	1082413	08/24/11	08/25/11	EPA 8260B	
Bromochloromethane	ND	1.0	"	"	"	"	"	"	
Bromodichloromethane	ND	1.0	"	"	"	"	"	"	
Bromoform	ND	1.0	"	"	"	"	"	"	
Bromomethane	ND	1.0	"	"	"	"	"	"	
n-Butylbenzene	ND	1.0	"	"	"	"	"	"	
sec-Butylbenzene	ND	1.0	"	"	"	"	"	"	
tert-Butylbenzene	ND	1.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.50	"	"	"	"	"	"	
Chlorobenzene	ND	1.0	"	"	"	"	"	"	
Chloroethane	ND	1.0	"	"	"	"	"	"	
Chloroform	ND	1.0	"	"	"	"	"	"	
Chloromethane	ND	1.0	"	"	"	"	"	"	
2-Chlorotoluene	ND	1.0	"	"	"	"	"	"	
4-Chlorotoluene	ND	1.0	"	"	"	"	"	"	
Dibromochloromethane	ND	1.0	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	1.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	1.0	"	"	"	"	"	"	
Dibromomethane	ND	1.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.50	"	"	"	"	"	"	
1,1-Dichloroethane	ND	1.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
1,1-Dichloroethene	**1.6**	1.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	**6.5**	1.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	1.0	"	"	"	"	"	"	

SunStar Laboratories, Inc.

Daniel J Chavez

Daniel Chavez, 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.
Providing Quality Analytical Services Nationwide

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

Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	08/29/11 14:32

LL_W15C_082311_01

T111151-03 (Water)

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	1.0	ug/l	1	1082413	08/24/11	08/25/11	EPA 8260B	
2,2-Dichloropropane	ND	1.0	"	"	"	"	"	"	
1,1-Dichloropropene	ND	1.0	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	
Hexachlorobutadiene	ND	1.0	"	"	"	"	"	"	
Isopropylbenzene	ND	1.0	"	"	"	"	"	"	
p-Isopropyltoluene	ND	1.0	"	"	"	"	"	"	
Methylene chloride	ND	1.0	"	"	"	"	"	"	
Naphthalene	ND	1.0	"	"	"	"	"	"	
n-Propylbenzene	ND	1.0	"	"	"	"	"	"	
Styrene	ND	1.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	1.0	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	1.0	"	"	"	"	"	"	
Tetrachloroethene	ND	1.0	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	1.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	1.0	"	"	"	"	"	"	
Trichloroethene	**5.5**	1.0	"	"	"	"	"	"	
Trichlorofluoromethane	ND	1.0	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	1.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	1.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	**1.8**	1.0	"	"	"	"	"	"	
Vinyl chloride	ND	1.0	"	"	"	"	"	"	
Benzene	**9.5**	0.50	"	"	"	"	"	"	
Toluene	**3.5**	0.50	"	"	"	"	"	"	
Ethylbenzene	**1.4**	0.50	"	"	"	"	"	"	
m,p-Xylene	**13**	1.0	"	"	"	"	"	"	
o-Xylene	**2.7**	0.50	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	2.0	"	"	"	"	"	"	
Tert-butyl alcohol	ND	10	"	"	"	"	"	"	

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.

Daniel Chavez, 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

Murex	Project:	Cenco	
2640 Walnut Ave. Unit F	Project Number:	1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager:	Jeremy Squire	08/29/11 14:32

LL_W15C_082311_01

T111151-03 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Volatile Organic Compounds by EPA Method 8260B									
Di-isopropyl ether	ND	2.0	ug/l	1	1082413	08/24/11	08/25/11	EPA 8260B	
Ethyl tert-butyl ether	ND	2.0	"	"	"	"	"	"	
Methyl tert-butyl ether	**5.2**	1.0	"	"	"	"	"	"	
1,1,2-trichloro-1,2,2-trifluoroethane (CFC 113)	ND	5.0	"	"	"	"	"	"	
Surrogate 4-Bromofluorobenzene		*118 %*	*77.1-110*		"	"	"	"	*S-GC*
Surrogate Dibromofluoromethane		*110 %*	*66.3-111*		"	"	"	"	
Surrogate Toluene-d8		*96.9 %*	*84.7-109*		"	"	"	"	

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.

Daniel Chavez, 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

Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	08/29/11 14:32

Purgeable Petroleum Hydrocarbons by EPA 8015C - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1082411 - EPA 5030 GC										
Blank (1082411-BLK1)				Prepared & Analyzed: 08/24/11						
C6-C12 (GRO)	ND	50	ug/l							
Surrogate 4-Bromofluorobenzene	*54.0*		*"*	*50.0*		*108*	*72.6-146*			
LCS (1082411-BS1)				Prepared & Analyzed: 08/24/11						
C6-C12 (GRO)	4730	50	ug/l	5500		86.0	75-125			
Surrogate 4-Bromofluorobenzene	*49.9*		*"*	*50.0*		*99.9*	*72.6-146*			
Matrix Spike (1082411-MS1)		**Source: T111151-02**		Prepared & Analyzed: 08/24/11						
C6-C12 (GRO)	5580	50	ug/l	5500	1140	80.7	65-135			
Surrogate 4-Bromofluorobenzene	*42.8*		*"*	*50.0*		*85.7*	*72.6-146*			
Matrix Spike Dup (1082411-MSD1)		**Source: T111151-02**		Prepared & Analyzed: 08/24/11						
C6-C12 (GRO)	6000	50	ug/l	5500	1140	88.3	65-135	7.19	20	
Surrogate 4-Bromofluorobenzene	*42.1*		*"*	*50.0*		*84.2*	*72.6-146*			

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.

Daniel Chavez, 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

Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	08/29/11 14:32

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 1082413 - EPA 5030 GCMS										
Blank (1082413-BLK1)				Prepared & Analyzed: 08/24/11						
Bromobenzene	ND	1.0	ug/l							
Bromochloromethane	ND	1.0	"							
Bromodichloromethane	ND	1.0	"							
Bromoform	ND	1.0	"							
Bromomethane	ND	1.0	"							
n-Butylbenzene	ND	1.0	"							
sec-Butylbenzene	ND	1.0	"							
tert-Butylbenzene	ND	1.0	"							
Carbon tetrachloride	ND	0.50	"							
Chlorobenzene	ND	1.0	"							
Chloroethane	ND	1.0	"							
Chloroform	ND	1.0	"							
Chloromethane	ND	1.0	"							
2-Chlorotoluene	ND	1.0	"							
4-Chlorotoluene	ND	1.0	"							
Dibromochloromethane	ND	1.0	"							
1,2-Dibromo-3-chloropropane	ND	1.0	"							
1,2-Dibromoethane (EDB)	ND	1.0	"							
Dibromomethane	ND	1.0	"							
1,2-Dichlorobenzene	ND	1.0	"							
1,3-Dichlorobenzene	ND	1.0	"							
1,4-Dichlorobenzene	ND	1.0	"							
Dichlorodifluoromethane	ND	0.50	"							
1,1-Dichloroethane	ND	1.0	"							
1,2-Dichloroethane	ND	0.50	"							
1,1-Dichloroethene	ND	1.0	"							
cis-1,2-Dichloroethene	ND	1.0	"							
trans-1,2-Dichloroethene	ND	1.0	"							
1,2-Dichloropropane	ND	1.0	"							
1,3-Dichloropropane	ND	1.0	"							
2,2-Dichloropropane	ND	1.0	"							
1,1-Dichloropropene	ND	1.0	"							
cis-1,3-Dichloropropene	ND	0.50	"							
trans-1,3-Dichloropropene	ND	0.50	"							
Hexachlorobutadiene	ND	1.0	"							
Isopropylbenzene	ND	1.0	"							

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.

Daniel Chavez, 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

Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	08/29/11 14:32

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 1082413 - EPA 5030 GCMS										
Blank (1082413-BLK1)				Prepared & Analyzed: 08/24/11						
p-Isopropyltoluene	ND	1.0	ug/l							
Methylene chloride	ND	1.0	"							
Naphthalene	ND	1.0	"							
n-Propylbenzene	ND	1.0	"							
Styrene	ND	1.0	"							
1,1,2,2-Tetrachloroethane	ND	1.0	"							
1,1,1,2-Tetrachloroethane	ND	1.0	"							
Tetrachloroethene	ND	1.0	"							
1,2,3-Trichlorobenzene	ND	1.0	"							
1,2,4-Trichlorobenzene	ND	1.0	"							
1,1,2-Trichloroethane	ND	1.0	"							
1,1,1-Trichloroethane	ND	1.0	"							
Trichloroethene	ND	1.0	"							
Trichlorofluoromethane	ND	1.0	"							
1,2,3-Trichloropropane	ND	1.0	"							
1,3,5-Trimethylbenzene	ND	1.0	"							
1,2,4-Trimethylbenzene	ND	1.0	"							
Vinyl chloride	ND	1.0	"							
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	"							
1,1,2-trichloro-1,2,2-trifluoroethane (CFC 113)	ND	5.0	"							
Surrogate 4-Bromofluorobenzene	*8.93*		*"*	*8.00*		*112*	*77.1-110*			*S-GC*
Surrogate Dibromofluoromethane	*8.19*		*"*	*8.00*		*102*	*66.3-111*			
Surrogate Toluene-d8	*8.15*		*"*	*8.00*		*102*	*84.7-109*			

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.

Daniel Chavez, 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

Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	08/29/11 14:32

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 1082413 - EPA 5030 GCMS										
LCS (1082413-BS1)				Prepared & Analyzed: 08/24/11						
Chlorobenzene	20 5	1.0	ug/l	20.0		102	75-125			
1,1-Dichloroethene	19.8	1.0	"	20.0		98.8	75-125			
Trichloroethene	20.0	1.0	"	20.0		100	75-125			
Benzene	21 3	0.50	"	20.0		106	75-125			
Toluene	20 5	0.50	"	20.0		102	75-125			
Surrogate 4-Bromofluorobenzene	*8.60*		"	*8.00*		*108*	*77.1-110*			
Surrogate Dibromofluoromethane	*8.02*		"	*8.00*		*100*	*66.3-111*			
Surrogate Toluene-d8	*8.04*		"	*8.00*		*100*	*84.7-109*			
Matrix Spike (1082413-MS1)		**Source: T111156-01**		Prepared & Analyzed: 08/24/11						
Chlorobenzene	21 9	1.0	ug/l	20.0		109	75-125			
1,1-Dichloroethene	24.0	1.0	"	20.0		120	75-125			
Trichloroethene	21.4	1.0	"	20.0		107	75-125			
Benzene	22 2	0.50	"	20.0		111	75-125			
Toluene	21.4	0.50	"	20.0		107	75-125			
Surrogate 4-Bromofluorobenzene	*8.60*		"	*8.00*		*108*	*77.1-110*			
Surrogate Dibromofluoromethane	*8.92*		"	*8.00*		*112*	*66.3-111*			*S-GC*
Surrogate Toluene-d8	*7.64*		"	*8.00*		*95.5*	*84.7-109*			
Matrix Spike Dup (1082413-MSD1)		**Source: T111156-01**		Prepared & Analyzed: 08/24/11						
Chlorobenzene	20.6	1.0	ug/l	20.0		103	75-125	5.98	20	
1,1-Dichloroethene	20 2	1.0	"	20.0		101	75-125	17.1	20	
Trichloroethene	19 9	1.0	"	20.0		99.6	75-125	7.07	20	
Benzene	21 2	0.50	"	20.0		106	75-125	4.43	20	
Toluene	20 1	0.50	"	20.0		101	75-125	6.26	20	
Surrogate 4-Bromofluorobenzene	*8.35*		"	*8.00*		*104*	*77.1-110*			
Surrogate Dibromofluoromethane	*7.98*		"	*8.00*		*99.8*	*66.3-111*			
Surrogate Toluene-d8	*7.81*		"	*8.00*		*97.6*	*84.7-109*			

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.

Daniel Chavez, 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

Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	08/29/11 14:32

Notes and Definitions

S-GC	Surrogate recovery outside of established control limits. The data was accepted based on valid recovery of the remaining surrogate(s).
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.

Daniel J Chávez

Daniel Chavez, 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: MUREX
Address: 2640 Walnut Ave, Unit F, Tustin, CA
Phone: (714) 508-0800 Fax: (714) 508-0880
Project Manager: Jeremy Squiere

Date: 8-23-2011 Page: 1 Of 1
Project Name: CENCO
Collector: FS Client Project #: 1003-001-300
Batch #: T111151 EDF #:

Sample ID	Date Sampled	Time	Sample Type	Container Type	8260	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
LL_WISB_082311_01	8-23-2011	12:45	GW	VOAs		X				X								01		6
LL_WISB_082311_02		13:13				X				X								02		6
LL_WISC_082311_01		15:36				X				X								03		6

Relinquished by: (signature)	Date / Time	Received by: (signature)	Date / Time
F. Sosic	8-23-11 1654		8/23/11 1654
Relinquished by: (signature)	Date / Time	Received by: (signature)	Date / Time
Relinquished by: (signature)	Date / Time	Received by: (signature)	Date / Time

		Notes
Total # of containers	18	
Chain of Custody seals Y/N/NA	N	
Seals intact? Y/N/NA	N/A	
Received good condition/cold	Y	3.4°

Turn around time:

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

COC 102661

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

SAMPLE RECEIVING REVIEW SHEET

BATCH # T11151

Client Name: MUREX Project: CENCO

Received by: DAN Date/Time Received: 8/23/11 1654

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 3.6 °C +/- the CF (- 0.2°C) = 3.4 °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 8/23/11

Comments:

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

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

30 August 2011

Jeremy Squire
Murex
2640 Walnut Ave. Unit F
Tustin, CA 92780

RE: Cenco

Enclosed are the results of analyses for samples received by the laboratory on 08/24/11 17:00. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Daniel Chavez
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

Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	08/30/11 15:55

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
LL_W7_082411_01	T111160-01	Water	08/24/11 10:00	08/24/11 17:00
LL_W7_082411_02	T111160-02	Water	08/24/11 10:20	08/24/11 17:00
LL_W17A_082411_01	T111160-03	Water	08/24/11 13:25	08/24/11 17:00
LL_W17B_082411_01	T111160-04	Water	08/24/11 14:00	08/24/11 17:00
LL_W17C_082411_01	T111160-05	Water	08/24/11 15:45	08/24/11 17:00
LL_MW104A_082411_01	T111160-06	Water	08/24/11 15:30	08/24/11 17:00
LL_W9_082411_01	T111160-07	Water	08/24/11 15:55	08/24/11 17:00

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.

Daniel Chavez, 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

Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	08/30/11 15:55

LL_W7_082411_01
T111160-01 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Purgeable Petroleum Hydrocarbons by EPA 8015C									
C6-C12 (GRO)	ND	50	ug/l	1	1082503	08/25/11	08/25/11	EPA 8015C	
Surrogate 4-Bromofluorobenzene		*95.8 %*	*72.6-146*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B									
Bromobenzene	ND	1.0	ug/l	1	1082502	08/25/11	08/25/11	EPA 8260B	
Bromochloromethane	ND	1.0	"	"	"	"	"	"	
Bromodichloromethane	ND	1.0	"	"	"	"	"	"	
Bromoform	ND	1.0	"	"	"	"	"	"	
Bromomethane	ND	1.0	"	"	"	"	"	"	
n-Butylbenzene	ND	1.0	"	"	"	"	"	"	
sec-Butylbenzene	ND	1.0	"	"	"	"	"	"	
tert-Butylbenzene	ND	1.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.50	"	"	"	"	"	"	
Chlorobenzene	ND	1.0	"	"	"	"	"	"	
Chloroethane	ND	1.0	"	"	"	"	"	"	
Chloroform	ND	1.0	"	"	"	"	"	"	
Chloromethane	ND	1.0	"	"	"	"	"	"	
2-Chlorotoluene	ND	1.0	"	"	"	"	"	"	
4-Chlorotoluene	ND	1.0	"	"	"	"	"	"	
Dibromochloromethane	ND	1.0	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	1.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	1.0	"	"	"	"	"	"	
Dibromomethane	ND	1.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.50	"	"	"	"	"	"	
1,1-Dichloroethane	**1.8**	1.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
1,1-Dichloroethene	ND	1.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	

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.

Daniel Chavez, 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

Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	08/30/11 15:55

LL_W7_082411_01

T111160-01 (Water)

SunStar Laboratories, Inc.

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
1,2-Dichloropropane	ND	1.0	ug/l	1	1082502	08/25/11	08/25/11	EPA 8260B	
1,3-Dichloropropane	ND	1.0	"	"	"	"	"	"	
2,2-Dichloropropane	ND	1.0	"	"	"	"	"	"	
1,1-Dichloropropene	ND	1.0	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	
Hexachlorobutadiene	ND	1.0	"	"	"	"	"	"	
Isopropylbenzene	ND	1.0	"	"	"	"	"	"	
p-Isopropyltoluene	ND	1.0	"	"	"	"	"	"	
Methylene chloride	ND	1.0	"	"	"	"	"	"	
Naphthalene	ND	1.0	"	"	"	"	"	"	
n-Propylbenzene	ND	1.0	"	"	"	"	"	"	
Styrene	ND	1.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	1.0	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	1.0	"	"	"	"	"	"	
Tetrachloroethene	ND	1.0	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	1.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	1.0	"	"	"	"	"	"	
Trichloroethene	ND	1.0	"	"	"	"	"	"	
Trichlorofluoromethane	ND	1.0	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	1.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	1.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	1.0	"	"	"	"	"	"	
Vinyl chloride	ND	1.0	"	"	"	"	"	"	
Benzene	**0.52**	0.50	"	"	"	"	"	"	
Toluene	**0.50**	0.50	"	"	"	"	"	"	
Ethylbenzene	**0.53**	0.50	"	"	"	"	"	"	
m,p-Xylene	ND	1.0	"	"	"	"	"	"	
o-Xylene	**0.53**	0.50	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	2.0	"	"	"	"	"	"	

SunStar Laboratories, Inc.

Daniel J Chávez

Daniel Chavez, 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.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

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

Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	08/30/11 15:55

LL_W7_082411_01

T111160-01 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Volatile Organic Compounds by EPA Method 8260B									
Tert-butyl alcohol	ND	10	ug/l	1	1082502	08/25/11	08/25/11	EPA 8260B	
Di-isopropyl ether	ND	2.0	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	2.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	1.0	"	"	"	"	"	"	
1,1,2-trichloro-1,2,2-trifluoroethane (CFC 113)	ND	5.0	"	"	"	"	"	"	
Surrogate 4-Bromofluorobenzene		*96.6 %*	*77.1-110*		"	"	"	"	
Surrogate Dibromofluoromethane		*93.8 %*	*66.3-111*		"	"	"	"	
Surrogate Toluene-d8		*96.9 %*	*84.7-109*		"	"	"	"	

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.

Daniel Chavez, 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

Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	08/30/11 15:55

LL_W7_082411_02

T111160-02 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Purgeable Petroleum Hydrocarbons by EPA 8015C									
C6-C12 (GRO)	ND	50	ug/l	1	1082503	08/25/11	08/25/11	EPA 8015C	
Surrogate 4-Bromofluorobenzene		*102 %*	*72.6-146*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B									
Bromobenzene	ND	1.0	ug/l	1	1082502	08/25/11	08/25/11	EPA 8260B	
Bromochloromethane	ND	1.0	"	"	"	"	"	"	
Bromodichloromethane	ND	1.0	"	"	"	"	"	"	
Bromoform	ND	1.0	"	"	"	"	"	"	
Bromomethane	ND	1.0	"	"	"	"	"	"	
n-Butylbenzene	ND	1.0	"	"	"	"	"	"	
sec-Butylbenzene	ND	1.0	"	"	"	"	"	"	
tert-Butylbenzene	ND	1.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.50	"	"	"	"	"	"	
Chlorobenzene	ND	1.0	"	"	"	"	"	"	
Chloroethane	ND	1.0	"	"	"	"	"	"	
Chloroform	ND	1.0	"	"	"	"	"	"	
Chloromethane	ND	1.0	"	"	"	"	"	"	
2-Chlorotoluene	ND	1.0	"	"	"	"	"	"	
4-Chlorotoluene	ND	1.0	"	"	"	"	"	"	
Dibromochloromethane	ND	1.0	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	1.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	1.0	"	"	"	"	"	"	
Dibromomethane	ND	1.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.50	"	"	"	"	"	"	
1,1-Dichloroethane	**1.8**	1.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
1,1-Dichloroethene	ND	1.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	

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.

Daniel Chavez, 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

Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	08/30/11 15:55

LL_W7_082411_02

T111160-02 (Water)

SunStar Laboratories, Inc.

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
1,2-Dichloropropane	ND	1.0	ug/l	1	1082502	08/25/11	08/25/11	EPA 8260B	
1,3-Dichloropropane	ND	1.0	"	"	"	"	"	"	
2,2-Dichloropropane	ND	1.0	"	"	"	"	"	"	
1,1-Dichloropropene	ND	1.0	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	
Hexachlorobutadiene	ND	1.0	"	"	"	"	"	"	
Isopropylbenzene	ND	1.0	"	"	"	"	"	"	
p-Isopropyltoluene	ND	1.0	"	"	"	"	"	"	
Methylene chloride	ND	1.0	"	"	"	"	"	"	
Naphthalene	ND	1.0	"	"	"	"	"	"	
n-Propylbenzene	ND	1.0	"	"	"	"	"	"	
Styrene	ND	1.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	1.0	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	1.0	"	"	"	"	"	"	
Tetrachloroethene	ND	1.0	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	1.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	1.0	"	"	"	"	"	"	
Trichloroethene	ND	1.0	"	"	"	"	"	"	
Trichlorofluoromethane	ND	1.0	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	1.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	1.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	1.0	"	"	"	"	"	"	
Vinyl chloride	ND	1.0	"	"	"	"	"	"	
Benzene	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
m,p-Xylene	ND	1.0	"	"	"	"	"	"	
o-Xylene	**0.51**	0.50	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	2.0	"	"	"	"	"	"	

SunStar Laboratories, Inc.

Daniel J Chávez

Daniel Chavez, 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.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

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

Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	08/30/11 15:55

LL_W7_082411_02

T111160-02 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Volatile Organic Compounds by EPA Method 8260B									
Tert-butyl alcohol	ND	10	ug/l	1	1082502	08/25/11	08/25/11	EPA 8260B	
Di-isopropyl ether	ND	2.0	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	2.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	1.0	"	"	"	"	"	"	
1,1,2-trichloro-1,2,2-trifluoroethane (CFC 113)	ND	5.0	"	"	"	"	"	"	
Surrogate 4-Bromofluorobenzene		*93.6 %*	*77.1-110*		"	"	"	"	
Surrogate Dibromofluoromethane		*86.6 %*	*66.3-111*		"	"	"	"	
Surrogate Toluene-d8		*95.2 %*	*84.7-109*		"	"	"	"	

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.

Daniel Chavez, 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

Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	08/30/11 15:55

LL_W17A_082411_01

T111160-03 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Purgeable Petroleum Hydrocarbons by EPA 8015C									
C6-C12 (GRO)	**98**	50	ug/l	1	1082503	08/25/11	08/25/11	EPA 8015C	
Surrogate 4-Bromofluorobenzene		*101 %*	*72.6-146*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B									
Bromobenzene	ND	1.0	ug/l	1	1082502	08/25/11	08/25/11	EPA 8260B	
Bromochloromethane	ND	1.0	"	"	"	"	"	"	
Bromodichloromethane	ND	1.0	"	"	"	"	"	"	
Bromoform	ND	1.0	"	"	"	"	"	"	
Bromomethane	ND	1.0	"	"	"	"	"	"	
n-Butylbenzene	ND	1.0	"	"	"	"	"	"	
sec-Butylbenzene	ND	1.0	"	"	"	"	"	"	
tert-Butylbenzene	ND	1.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.50	"	"	"	"	"	"	
Chlorobenzene	ND	1.0	"	"	"	"	"	"	
Chloroethane	ND	1.0	"	"	"	"	"	"	
Chloroform	ND	1.0	"	"	"	"	"	"	
Chloromethane	ND	1.0	"	"	"	"	"	"	
2-Chlorotoluene	ND	1.0	"	"	"	"	"	"	
4-Chlorotoluene	ND	1.0	"	"	"	"	"	"	
Dibromochloromethane	ND	1.0	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	1.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	1.0	"	"	"	"	"	"	
Dibromomethane	ND	1.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.50	"	"	"	"	"	"	
1,1-Dichloroethane	ND	1.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
1,1-Dichloroethene	ND	1.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	**2.5**	1.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	1.0	"	"	"	"	"	"	

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.

Daniel Chavez, 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

Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	08/30/11 15:55

LL_W17A_082411_01

T111160-03 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Volatile Organic Compounds by EPA Method 8260B									
1,3-Dichloropropane	ND	1.0	ug/l	1	1082502	08/25/11	08/25/11	EPA 8260B	
2,2-Dichloropropane	ND	1.0	"	"	"	"	"	"	
1,1-Dichloropropene	ND	1.0	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	
Hexachlorobutadiene	ND	1.0	"	"	"	"	"	"	
Isopropylbenzene	ND	1.0	"	"	"	"	"	"	
p-Isopropyltoluene	ND	1.0	"	"	"	"	"	"	
Methylene chloride	ND	1.0	"	"	"	"	"	"	
Naphthalene	ND	1.0	"	"	"	"	"	"	
n-Propylbenzene	ND	1.0	"	"	"	"	"	"	
Styrene	ND	1.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	1.0	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	1.0	"	"	"	"	"	"	
Tetrachloroethene	ND	1.0	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	1.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	1.0	"	"	"	"	"	"	
Trichloroethene	ND	1.0	"	"	"	"	"	"	
Trichlorofluoromethane	ND	1.0	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	1.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	1.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	1.0	"	"	"	"	"	"	
Vinyl chloride	ND	1.0	"	"	"	"	"	"	
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	"	"	"	"	"	"	

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.

Daniel Chavez, 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

Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	08/30/11 15:55

LL_W17A_082411_01

T111160-03 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Volatile Organic Compounds by EPA Method 8260B									
Di-isopropyl ether	ND	2.0	ug/l	1	1082502	08/25/11	08/25/11	EPA 8260B	
Ethyl tert-butyl ether	ND	2.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	1.0	"	"	"	"	"	"	
1,1,2-trichloro-1,2,2-trifluoroethane (CFC 113)	ND	5.0	"	"	"	"	"	"	
Surrogate 4-Bromofluorobenzene		*93.9 %*	*77.1-110*		"	"	"	"	
Surrogate Dibromofluoromethane		*87.5 %*	*66.3-111*		"	"	"	"	
Surrogate Toluene-d8		*94.0 %*	*84.7-109*		"	"	"	"	

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.

Daniel Chavez, 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

Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	08/30/11 15:55

LL_W17B_082411_01

T111160-04 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Purgeable Petroleum Hydrocarbons by EPA 8015C									
C6-C12 (GRO)	ND	50	ug/l	1	1082503	08/25/11	08/25/11	EPA 8015C	
Surrogate 4-Bromofluorobenzene		*97.8 %*	*72.6-146*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B									
Bromobenzene	ND	1.0	ug/l	1	1082502	08/25/11	08/25/11	EPA 8260B	
Bromochloromethane	ND	1.0	"	"	"	"	"	"	
Bromodichloromethane	ND	1.0	"	"	"	"	"	"	
Bromoform	ND	1.0	"	"	"	"	"	"	
Bromomethane	ND	1.0	"	"	"	"	"	"	
n-Butylbenzene	ND	1.0	"	"	"	"	"	"	
sec-Butylbenzene	ND	1.0	"	"	"	"	"	"	
tert-Butylbenzene	ND	1.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.50	"	"	"	"	"	"	
Chlorobenzene	ND	1.0	"	"	"	"	"	"	
Chloroethane	ND	1.0	"	"	"	"	"	"	
Chloroform	ND	1.0	"	"	"	"	"	"	
Chloromethane	ND	1.0	"	"	"	"	"	"	
2-Chlorotoluene	ND	1.0	"	"	"	"	"	"	
4-Chlorotoluene	ND	1.0	"	"	"	"	"	"	
Dibromochloromethane	ND	1.0	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	1.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	1.0	"	"	"	"	"	"	
Dibromomethane	ND	1.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.50	"	"	"	"	"	"	
1,1-Dichloroethane	ND	1.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
1,1-Dichloroethene	ND	1.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	

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.

Daniel Chavez, 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

Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	08/30/11 15:55

LL_W17B_082411_01

T111160-04 (Water)

SunStar Laboratories, Inc.

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
1,2-Dichloropropane	ND	1.0	ug/l	1	1082502	08/25/11	08/25/11	EPA 8260B	
1,3-Dichloropropane	ND	1.0	"	"	"	"	"	"	
2,2-Dichloropropane	ND	1.0	"	"	"	"	"	"	
1,1-Dichloropropene	ND	1.0	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	
Hexachlorobutadiene	ND	1.0	"	"	"	"	"	"	
Isopropylbenzene	ND	1.0	"	"	"	"	"	"	
p-Isopropyltoluene	ND	1.0	"	"	"	"	"	"	
Methylene chloride	ND	1.0	"	"	"	"	"	"	
Naphthalene	ND	1.0	"	"	"	"	"	"	
n-Propylbenzene	ND	1.0	"	"	"	"	"	"	
Styrene	ND	1.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	1.0	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	1.0	"	"	"	"	"	"	
Tetrachloroethene	ND	1.0	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	1.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	1.0	"	"	"	"	"	"	
Trichloroethene	ND	1.0	"	"	"	"	"	"	
Trichlorofluoromethane	ND	1.0	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	1.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	1.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	1.0	"	"	"	"	"	"	
Vinyl chloride	ND	1.0	"	"	"	"	"	"	
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	"	"	"	"	"	"	

SunStar Laboratories, Inc.

Daniel J Chávez

Daniel Chavez, 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.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

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

Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	08/30/11 15:55

LL_W17B_082411_01

T111160-04 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Volatile Organic Compounds by EPA Method 8260B									
Tert-butyl alcohol	ND	10	ug/l	1	1082502	08/25/11	08/25/11	EPA 8260B	
Di-isopropyl ether	ND	2.0	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	2.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	1.0	"	"	"	"	"	"	
1,1,2-trichloro-1,2,2-trifluoroethane (CFC 113)	ND	5.0	"	"	"	"	"	"	
Surrogate 4-Bromofluorobenzene		*93.6 %*	*77.1-110*		"	"	"	"	
Surrogate Dibromofluoromethane		*86.9 %*	*66.3-111*		"	"	"	"	
Surrogate Toluene-d8		*98.8 %*	*84.7-109*		"	"	"	"	

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.

Daniel Chavez, 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

Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	08/30/11 15:55

LL_W17C_082411_01

T111160-05 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Purgeable Petroleum Hydrocarbons by EPA 8015C									
C6-C12 (GRO)	ND	50	ug/l	1	1082503	08/25/11	08/25/11	EPA 8015C	
Surrogate 4-Bromofluorobenzene		*102 %*	*72.6-146*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B									
Bromobenzene	ND	1.0	ug/l	1	1082502	08/25/11	08/25/11	EPA 8260B	
Bromochloromethane	ND	1.0	"	"	"	"	"	"	
Bromodichloromethane	ND	1.0	"	"	"	"	"	"	
Bromoform	ND	1.0	"	"	"	"	"	"	
Bromomethane	ND	1.0	"	"	"	"	"	"	
n-Butylbenzene	ND	1.0	"	"	"	"	"	"	
sec-Butylbenzene	ND	1.0	"	"	"	"	"	"	
tert-Butylbenzene	ND	1.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.50	"	"	"	"	"	"	
Chlorobenzene	ND	1.0	"	"	"	"	"	"	
Chloroethane	ND	1.0	"	"	"	"	"	"	
Chloroform	ND	1.0	"	"	"	"	"	"	
Chloromethane	ND	1.0	"	"	"	"	"	"	
2-Chlorotoluene	ND	1.0	"	"	"	"	"	"	
4-Chlorotoluene	ND	1.0	"	"	"	"	"	"	
Dibromochloromethane	ND	1.0	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	1.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	1.0	"	"	"	"	"	"	
Dibromomethane	ND	1.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.50	"	"	"	"	"	"	
1,1-Dichloroethane	ND	1.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
1,1-Dichloroethene	ND	1.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	

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.

Daniel Chavez, 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

Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	08/30/11 15:55

LL_W17C_082411_01

T111160-05 (Water)

SunStar Laboratories, Inc.

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
1,2-Dichloropropane	ND	1.0	ug/l	1	1082502	08/25/11	08/25/11	EPA 8260B	
1,3-Dichloropropane	ND	1.0	"	"	"	"	"	"	
2,2-Dichloropropane	ND	1.0	"	"	"	"	"	"	
1,1-Dichloropropene	ND	1.0	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	
Hexachlorobutadiene	ND	1.0	"	"	"	"	"	"	
Isopropylbenzene	ND	1.0	"	"	"	"	"	"	
p-Isopropyltoluene	ND	1.0	"	"	"	"	"	"	
Methylene chloride	ND	1.0	"	"	"	"	"	"	
Naphthalene	ND	1.0	"	"	"	"	"	"	
n-Propylbenzene	ND	1.0	"	"	"	"	"	"	
Styrene	ND	1.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	1.0	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	1.0	"	"	"	"	"	"	
Tetrachloroethene	ND	1.0	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	1.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	1.0	"	"	"	"	"	"	
Trichloroethene	ND	1.0	"	"	"	"	"	"	
Trichlorofluoromethane	ND	1.0	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	1.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	1.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	1.0	"	"	"	"	"	"	
Vinyl chloride	ND	1.0	"	"	"	"	"	"	
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	"	"	"	"	"	"	

SunStar Laboratories, Inc.

Daniel J Chavez

Daniel Chavez, 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.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

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

Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	08/30/11 15:55

LL_W17C_082411_01

T111160-05 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Volatile Organic Compounds by EPA Method 8260B									
Tert-butyl alcohol	ND	10	ug/l	1	1082502	08/25/11	08/25/11	EPA 8260B	
Di-isopropyl ether	ND	2.0	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	2.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	1.0	"	"	"	"	"	"	
1,1,2-trichloro-1,2,2-trifluoroethane (CFC 113)	ND	5.0	"	"	"	"	"	"	
Surrogate 4-Bromofluorobenzene		*93.8 %*	*77.1-110*		"	"	"	"	
Surrogate Dibromofluoromethane		*90.2 %*	*66.3-111*		"	"	"	"	
Surrogate Toluene-d8		*98.4 %*	*84.7-109*		"	"	"	"	

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.

Daniel Chavez, 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

Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	08/30/11 15:55

LL_MW104A_082411_01

T111160-06 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Purgeable Petroleum Hydrocarbons by EPA 8015C									
C6-C12 (GRO)	ND	50	ug/l	1	1082503	08/25/11	08/25/11	EPA 8015C	
Surrogate 4-Bromofluorobenzene		*104 %*	*72.6-146*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B									
Bromobenzene	ND	1.0	ug/l	1	1082502	08/25/11	08/25/11	EPA 8260B	
Bromochloromethane	ND	1.0	"	"	"	"	"	"	
Bromodichloromethane	ND	1.0	"	"	"	"	"	"	
Bromoform	ND	1.0	"	"	"	"	"	"	
Bromomethane	ND	1.0	"	"	"	"	"	"	
n-Butylbenzene	ND	1.0	"	"	"	"	"	"	
sec-Butylbenzene	ND	1.0	"	"	"	"	"	"	
tert-Butylbenzene	ND	1.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.50	"	"	"	"	"	"	
Chlorobenzene	ND	1.0	"	"	"	"	"	"	
Chloroethane	ND	1.0	"	"	"	"	"	"	
Chloroform	ND	1.0	"	"	"	"	"	"	
Chloromethane	ND	1.0	"	"	"	"	"	"	
2-Chlorotoluene	ND	1.0	"	"	"	"	"	"	
4-Chlorotoluene	ND	1.0	"	"	"	"	"	"	
Dibromochloromethane	ND	1.0	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	1.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	1.0	"	"	"	"	"	"	
Dibromomethane	ND	1.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.50	"	"	"	"	"	"	
1,1-Dichloroethane	ND	1.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
1,1-Dichloroethene	ND	1.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	**3.3**	1.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	

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.

Daniel Chavez, 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

Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	08/30/11 15:55

LL_MW104A_082411_01

T111160-06 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Volatile Organic Compounds by EPA Method 8260B									
1,2-Dichloropropane	ND	1.0	ug/l	1	1082502	08/25/11	08/25/11	EPA 8260B	
1,3-Dichloropropane	ND	1.0	"	"	"	"	"	"	
2,2-Dichloropropane	ND	1.0	"	"	"	"	"	"	
1,1-Dichloropropene	ND	1.0	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	
Hexachlorobutadiene	ND	1.0	"	"	"	"	"	"	
Isopropylbenzene	ND	1.0	"	"	"	"	"	"	
p-Isopropyltoluene	ND	1.0	"	"	"	"	"	"	
Methylene chloride	ND	1.0	"	"	"	"	"	"	
Naphthalene	ND	1.0	"	"	"	"	"	"	
n-Propylbenzene	ND	1.0	"	"	"	"	"	"	
Styrene	ND	1.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	1.0	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	1.0	"	"	"	"	"	"	
Tetrachloroethene	ND	1.0	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	1.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	1.0	"	"	"	"	"	"	
Trichloroethene	ND	1.0	"	"	"	"	"	"	
Trichlorofluoromethane	ND	1.0	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	1.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	1.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	1.0	"	"	"	"	"	"	
Vinyl chloride	ND	1.0	"	"	"	"	"	"	
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	"	"	"	"	"	"	

SunStar Laboratories, Inc.

Daniel Chavez, 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.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

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

Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	08/30/11 15:55

LL_MW104A_082411_01

T111160-06 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Volatile Organic Compounds by EPA Method 8260B									
Tert-butyl alcohol	ND	10	ug/l	1	1082502	08/25/11	08/25/11	EPA 8260B	
Di-isopropyl ether	ND	2.0	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	2.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	1.0	"	"	"	"	"	"	
1,1,2-trichloro-1,2,2-trifluoroethane (CFC 113)	ND	5.0	"	"	"	"	"	"	
Surrogate 4-Bromofluorobenzene		*93.1 %*	*77.1-110*		"	"	"	"	
Surrogate Dibromofluoromethane		*89.9 %*	*66.3-111*		"	"	"	"	
Surrogate Toluene-d8		*97.5 %*	*84.7-109*		"	"	"	"	

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.

Daniel Chavez, 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

Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	08/30/11 15:55

LL_W9_082411_01
T111160-07 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Purgeable Petroleum Hydrocarbons by EPA 8015C									
C6-C12 (GRO)	ND	50	ug/l	1	1082503	08/25/11	08/25/11	EPA 8015C	
Surrogate 4-Bromofluorobenzene		*105 %*	*72.6-146*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B									
Bromobenzene	ND	1.0	ug/l	1	1082502	08/25/11	08/25/11	EPA 8260B	
Bromochloromethane	ND	1.0	"	"	"	"	"	"	
Bromodichloromethane	ND	1.0	"	"	"	"	"	"	
Bromoform	ND	1.0	"	"	"	"	"	"	
Bromomethane	ND	1.0	"	"	"	"	"	"	
n-Butylbenzene	ND	1.0	"	"	"	"	"	"	
sec-Butylbenzene	ND	1.0	"	"	"	"	"	"	
tert-Butylbenzene	ND	1.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.50	"	"	"	"	"	"	
Chlorobenzene	ND	1.0	"	"	"	"	"	"	
Chloroethane	ND	1.0	"	"	"	"	"	"	
Chloroform	ND	1.0	"	"	"	"	"	"	
Chloromethane	ND	1.0	"	"	"	"	"	"	
2-Chlorotoluene	ND	1.0	"	"	"	"	"	"	
4-Chlorotoluene	ND	1.0	"	"	"	"	"	"	
Dibromochloromethane	ND	1.0	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	1.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	1.0	"	"	"	"	"	"	
Dibromomethane	ND	1.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.50	"	"	"	"	"	"	
1,1-Dichloroethane	ND	1.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
1,1-Dichloroethene	ND	1.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	**2.4**	1.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	

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.

Daniel Chavez, 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

Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	08/30/11 15:55

LL_W9_082411_01

T111160-07 (Water)

SunStar Laboratories, Inc.

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
1,2-Dichloropropane	ND	1.0	ug/l	1	1082502	08/25/11	08/25/11	EPA 8260B	
1,3-Dichloropropane	ND	1.0	"	"	"	"	"	"	
2,2-Dichloropropane	ND	1.0	"	"	"	"	"	"	
1,1-Dichloropropene	ND	1.0	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	
Hexachlorobutadiene	ND	1.0	"	"	"	"	"	"	
Isopropylbenzene	ND	1.0	"	"	"	"	"	"	
p-Isopropyltoluene	ND	1.0	"	"	"	"	"	"	
Methylene chloride	ND	1.0	"	"	"	"	"	"	
Naphthalene	ND	1.0	"	"	"	"	"	"	
n-Propylbenzene	ND	1.0	"	"	"	"	"	"	
Styrene	ND	1.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	1.0	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	1.0	"	"	"	"	"	"	
Tetrachloroethene	ND	1.0	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	1.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	1.0	"	"	"	"	"	"	
Trichloroethene	ND	1.0	"	"	"	"	"	"	
Trichlorofluoromethane	ND	1.0	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	1.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	1.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	1.0	"	"	"	"	"	"	
Vinyl chloride	ND	1.0	"	"	"	"	"	"	
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	"	"	"	"	"	"	

SunStar Laboratories, Inc.

Daniel J Chávez

Daniel Chavez, 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.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

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

Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	08/30/11 15:55

LL_W9_082411_01

T111160-07 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Volatile Organic Compounds by EPA Method 8260B									
Tert-butyl alcohol	ND	10	ug/l	1	1082502	08/25/11	08/25/11	EPA 8260B	
Di-isopropyl ether	ND	2.0	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	2.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	1.0	"	"	"	"	"	"	
1,1,2-trichloro-1,2,2-trifluoroethane (CFC 113)	ND	5.0	"	"	"	"	"	"	
Surrogate 4-Bromofluorobenzene		*99.1 %*	*77.1-110*		"	"	"	"	
Surrogate Dibromofluoromethane		*95.8 %*	*66.3-111*		"	"	"	"	
Surrogate Toluene-d8		*97.6 %*	*84.7-109*		"	"	"	"	

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.

Daniel Chavez, 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

Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	08/30/11 15:55

Purgeable Petroleum Hydrocarbons by EPA 8015C - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1082503 - EPA 5030 GC										
Blank (1082503-BLK1)				Prepared & Analyzed: 08/25/11						
C6-C12 (GRO)	ND	50	ug/l							
Surrogate 4-Bromofluorobenzene	*50.6*		*"*	*50.0*		*101*	*72.6-146*			
LCS (1082503-BS1)				Prepared & Analyzed: 08/25/11						
C6-C12 (GRO)	5080	50	ug/l	5500		92.4	75-125			
Surrogate 4-Bromofluorobenzene	*47.8*		*"*	*50.0*		*95.7*	*72.6-146*			
Matrix Spike (1082503-MS1)		**Source: T111160-01**		Prepared & Analyzed: 08/25/11						
C6-C12 (GRO)	5780	50	ug/l	5500	21.3	105	65-135			
Surrogate 4-Bromofluorobenzene	*41.0*		*"*	*50.0*		*82.0*	*72.6-146*			
Matrix Spike Dup (1082503-MSD1)		**Source: T111160-01**		Prepared & Analyzed: 08/25/11						
C6-C12 (GRO)	4850	50	ug/l	5500	21.3	87.9	65-135	17.4	20	
Surrogate 4-Bromofluorobenzene	*42.2*		*"*	*50.0*		*84.3*	*72.6-146*			

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.

Daniel Chavez, 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

Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	08/30/11 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 1082502 - EPA 5030 GCMS										
Blank (1082502-BLK1)				Prepared & Analyzed: 08/25/11						
Bromobenzene	ND	1.0	ug/l							
Bromochloromethane	ND	1.0	"							
Bromodichloromethane	ND	1.0	"							
Bromoform	ND	1.0	"							
Bromomethane	ND	1.0	"							
n-Butylbenzene	ND	1.0	"							
sec-Butylbenzene	ND	1.0	"							
tert-Butylbenzene	ND	1.0	"							
Carbon tetrachloride	ND	0.50	"							
Chlorobenzene	ND	1.0	"							
Chloroethane	ND	1.0	"							
Chloroform	ND	1.0	"							
Chloromethane	ND	1.0	"							
2-Chlorotoluene	ND	1.0	"							
4-Chlorotoluene	ND	1.0	"							
Dibromochloromethane	ND	1.0	"							
1,2-Dibromo-3-chloropropane	ND	1.0	"							
1,2-Dibromoethane (EDB)	ND	1.0	"							
Dibromomethane	ND	1.0	"							
1,2-Dichlorobenzene	ND	1.0	"							
1,3-Dichlorobenzene	ND	1.0	"							
1,4-Dichlorobenzene	ND	1.0	"							
Dichlorodifluoromethane	ND	0.50	"							
1,1-Dichloroethane	ND	1.0	"							
1,2-Dichloroethane	ND	0.50	"							
1,1-Dichloroethene	ND	1.0	"							
cis-1,2-Dichloroethene	ND	1.0	"							
trans-1,2-Dichloroethene	ND	1.0	"							
1,2-Dichloropropane	ND	1.0	"							
1,3-Dichloropropane	ND	1.0	"							
2,2-Dichloropropane	ND	1.0	"							
1,1-Dichloropropene	ND	1.0	"							
cis-1,3-Dichloropropene	ND	0.50	"							
trans-1,3-Dichloropropene	ND	0.50	"							
Hexachlorobutadiene	ND	1.0	"							
Isopropylbenzene	ND	1.0	"							

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.

Daniel Chavez, 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

Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	08/30/11 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 1082502 - EPA 5030 GCMS										
Blank (1082502-BLK1)				Prepared & Analyzed: 08/25/11						
p-Isopropyltoluene	ND	1.0	ug/l							
Methylene chloride	ND	1.0	"							
Naphthalene	ND	1.0	"							
n-Propylbenzene	ND	1.0	"							
Styrene	ND	1.0	"							
1,1,2,2-Tetrachloroethane	ND	1.0	"							
1,1,1,2-Tetrachloroethane	ND	1.0	"							
Tetrachloroethene	ND	1.0	"							
1,2,3-Trichlorobenzene	ND	1.0	"							
1,2,4-Trichlorobenzene	ND	1.0	"							
1,1,2-Trichloroethane	ND	1.0	"							
1,1,1-Trichloroethane	ND	1.0	"							
Trichloroethene	ND	1.0	"							
Trichlorofluoromethane	ND	1.0	"							
1,2,3-Trichloropropane	ND	1.0	"							
1,3,5-Trimethylbenzene	ND	1.0	"							
1,2,4-Trimethylbenzene	ND	1.0	"							
Vinyl chloride	ND	1.0	"							
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	"							
1,1,2-trichloro-1,2,2-trifluoroethane (CFC 113)	ND	5.0	"							
Surrogate 4-Bromofluorobenzene	*7.62*		*"*	*8.00*		*95.2*	*77.1-110*			
Surrogate Dibromofluoromethane	*6.86*		*"*	*8.00*		*85.8*	*66.3-111*			
Surrogate Toluene-d8	*7.87*		*"*	*8.00*		*98.4*	*84.7-109*			

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.

Daniel Chavez, 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

Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	08/30/11 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 1082502 - EPA 5030 GCMS										
LCS (1082502-BS1)				Prepared & Analyzed: 08/25/11						
Chlorobenzene	19.7	1.0	ug/l	20.0		98.4	75-125			
1,1-Dichloroethene	15 3	1.0	"	20.0		76.4	75-125			
Trichloroethene	19 2	1.0	"	20.0		95.8	75-125			
Benzene	18 1	0.50	"	20.0		90.6	75-125			
Toluene	19.8	0.50	"	20.0		99.0	75-125			
Surrogate 4-Bromofluorobenzene	*7.40*		*"*	*8.00*		*92.5*	*77.1-110*			
Surrogate Dibromofluoromethane	*5.54*		*"*	*8.00*		*69.2*	*66.3-111*			
Surrogate Toluene-d8	*7.95*		*"*	*8.00*		*99.4*	*84.7-109*			
Matrix Spike (1082502-MS1)		**Source: T111160-01**		Prepared & Analyzed: 08/25/11						
Chlorobenzene	19 2	1.0	ug/l	20.0	ND	95.9	75-125			
1,1-Dichloroethene	16 9	1.0	"	20.0	ND	84.3	75-125			
Trichloroethene	20.6	1.0	"	20.0	ND	103	75-125			
Benzene	19 2	0.50	"	20.0	0.520	93.4	75-125			
Toluene	20 3	0.50	"	20.0	0.500	99.2	75-125			
Surrogate 4-Bromofluorobenzene	*7.79*		*"*	*8.00*		*97.4*	*77.1-110*			
Surrogate Dibromofluoromethane	*6.54*		*"*	*8.00*		*81.8*	*66.3-111*			
Surrogate Toluene-d8	*7.90*		*"*	*8.00*		*98.8*	*84.7-109*			
Matrix Spike Dup (1082502-MSD1)		**Source: T111160-01**		Prepared & Analyzed: 08/25/11						
Chlorobenzene	19.4	1.0	ug/l	20.0	ND	97.2	75-125	1.40	20	
1,1-Dichloroethene	16.7	1.0	"	20.0	ND	83.4	75-125	1.01	20	
Trichloroethene	19 5	1.0	"	20.0	ND	97.4	75-125	5.49	20	
Benzene	19.8	0.50	"	20.0	0.520	96.3	75-125	2.92	20	
Toluene	19.6	0.50	"	20.0	0.500	95.7	75-125	3.50	20	
Surrogate 4-Bromofluorobenzene	*7.64*		*"*	*8.00*		*95.5*	*77.1-110*			
Surrogate Dibromofluoromethane	*6.75*		*"*	*8.00*		*84.4*	*66.3-111*			
Surrogate Toluene-d8	*7.46*		*"*	*8.00*		*93.2*	*84.7-109*			

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.

Daniel Chavez, 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

Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	08/30/11 15:55

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.

Daniel Chavez, Project Manager

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

Chain of Custody Record

Client: MUREX
Address: 2640 Walnut Ave. Unit F Tustin, CA
Phone: (714) 508-0800 Fax: (714) 508-0880
Project Manager: Jeremy Squeire

Date: 8·24·2011 Page: 1 Of 1
Project Name: CENCO
Collector: F. Sosic Client Project #: 1003-001-300
Batch #: T111160 EDF #:

Sample ID	Date Sampled	Time	Sample Type	Container Type	8260	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
LL_W7_082411_01	8·24·2011	1000	GW	VOAs		X				X								01		6
LL_W7_082411_02		1020				X				X								02		6
LL_W17A_082411_01		1325				X				X								03		6
LL_W17B_082411_01		1400				X				X								04		6
LL_W17C_082411_01		1545				X				X								05		6
LL_MW104A_082411_01		1530				X				X								06		6
LL_W9_082411_01		1555				X				X								07		6

Relinquished by: (signature)	Date / Time	Received by: (signature)	Date / Time
F. Sosic	8·24·2011 1700		8/24/11 1700
Relinquished by: (signature)	Date / Time	Received by: (signature)	Date / Time
Relinquished by: (signature)	Date / Time	Received by: (signature)	Date / Time

Total # of containers	42
Chain of Custody seals Y/N/NA	N
Seals intact? Y/N/NA	N/A
Received good condition/cold	Y 5.6

Turn around time:

Notes

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

COC 102662

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

SAMPLE RECEIVING REVIEW SHEET

BATCH # T111160

Client Name: MUREX Project: CENCO

Received by: DAN Date/Time Received: 8/24/11 1700

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 5.8 °C +/- the CF (- 0.2°C) = 5.6 °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 8/25/11

Comments:

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

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

30 August 2011

Jeremy Squire
Murex
2640 Walnut Ave. Unit F
Tustin, CA 92780

RE: Cenco

Enclosed are the results of analyses for samples received by the laboratory on 08/25/11 16:56. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Daniel Chavez
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

Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	08/30/11 16:48

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
LL_W12_082511_01	T111166-01	Water	08/25/11 10:30	08/25/11 16:56
LL_MW107A_082511_01	T111166-02	Water	08/25/11 13:30	08/25/11 16:56
LL_MW107A_082511_02	T111166-03	Water	08/25/11 13:45	08/25/11 16:56
LL_MW106A_082511_01	T111166-04	Water	08/25/11 14:25	08/25/11 16:56
LL_W4_082511_01	T111166-05	Water	08/25/11 16:00	08/25/11 16:56

SunStar Laboratories, Inc.

Daniel J Chávez

Daniel Chavez, 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.
Providing Quality Analytical Services Nationwide

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

Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	08/30/11 16:48

LL_W12_082511_01
T111166-01 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Purgeable Petroleum Hydrocarbons by EPA 8015C									
C6-C12 (GRO)	**360**	50	ug/l	1	1082631	08/26/11	08/26/11	EPA 8015C	
Surrogate 4-Bromofluorobenzene		*104 %*	*72.6-146*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B									
Bromobenzene	ND	1.0	ug/l	1	1082607	08/26/11	08/26/11	EPA 8260B	
Bromochloromethane	ND	1.0	"	"	"	"	"	"	
Bromodichloromethane	ND	1.0	"	"	"	"	"	"	
Bromoform	ND	1.0	"	"	"	"	"	"	
Bromomethane	ND	1.0	"	"	"	"	"	"	
n-Butylbenzene	**2.9**	1.0	"	"	"	"	"	"	
sec-Butylbenzene	**1.9**	1.0	"	"	"	"	"	"	
tert-Butylbenzene	ND	1.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.50	"	"	"	"	"	"	
Chlorobenzene	ND	1.0	"	"	"	"	"	"	
Chloroethane	ND	1.0	"	"	"	"	"	"	
Chloroform	ND	1.0	"	"	"	"	"	"	
Chloromethane	ND	1.0	"	"	"	"	"	"	
2-Chlorotoluene	ND	1.0	"	"	"	"	"	"	
4-Chlorotoluene	ND	1.0	"	"	"	"	"	"	
Dibromochloromethane	ND	1.0	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	1.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	1.0	"	"	"	"	"	"	
Dibromomethane	ND	1.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.50	"	"	"	"	"	"	
1,1-Dichloroethane	ND	1.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
1,1-Dichloroethene	ND	1.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	

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.

Daniel Chavez, 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

Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	08/30/11 16:48

LL_W12_082511_01

T111166-01 (Water)

SunStar Laboratories, Inc.

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
1,2-Dichloropropane	ND	1.0	ug/l	1	1082607	08/26/11	08/26/11	EPA 8260B	
1,3-Dichloropropane	ND	1.0	"	"	"	"	"	"	
2,2-Dichloropropane	ND	1.0	"	"	"	"	"	"	
1,1-Dichloropropene	ND	1.0	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	
Hexachlorobutadiene	ND	1.0	"	"	"	"	"	"	
Isopropylbenzene	**2.4**	1.0	"	"	"	"	"	"	
p-Isopropyltoluene	ND	1.0	"	"	"	"	"	"	
Methylene chloride	ND	1.0	"	"	"	"	"	"	
Naphthalene	ND	1.0	"	"	"	"	"	"	
n-Propylbenzene	**5.0**	1.0	"	"	"	"	"	"	
Styrene	ND	1.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	1.0	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	1.0	"	"	"	"	"	"	
Tetrachloroethene	ND	1.0	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	1.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	1.0	"	"	"	"	"	"	
Trichloroethene	ND	1.0	"	"	"	"	"	"	
Trichlorofluoromethane	ND	1.0	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	1.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	1.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	1.0	"	"	"	"	"	"	
Vinyl chloride	ND	1.0	"	"	"	"	"	"	
Benzene	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	**1.3**	0.50	"	"	"	"	"	"	
m,p-Xylene	ND	1.0	"	"	"	"	"	"	
o-Xylene	ND	0.50	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	2.0	"	"	"	"	"	"	

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.

Daniel Chavez, 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

Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	08/30/11 16:48

LL_W12_082511_01

T111166-01 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Volatile Organic Compounds by EPA Method 8260B									
Tert-butyl alcohol	ND	10	ug/l	1	1082607	08/26/11	08/26/11	EPA 8260B	
Di-isopropyl ether	ND	2.0	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	2.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	1.0	"	"	"	"	"	"	
1,1,2-trichloro-1,2,2-trifluoroethane (CFC 113)	ND	5.0	"	"	"	"	"	"	
Surrogate 4-Bromofluorobenzene		*108 %*	*77.1-110*		"	"	"	"	
Surrogate Dibromofluoromethane		*98.4 %*	*66.3-111*		"	"	"	"	
Surrogate Toluene-d8		*102 %*	*84.7-109*		"	"	"	"	

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.

Daniel Chavez, 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

Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	08/30/11 16:48

LL_MW107A_082511_01

T111166-02 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Purgeable Petroleum Hydrocarbons by EPA 8015C									
C6-C12 (GRO)	**590**	50	ug/l	1	1082631	08/26/11	08/26/11	EPA 8015C	
Surrogate 4-Bromofluorobenzene		*105 %*	*72.6-146*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B									
Bromobenzene	ND	1.0	ug/l	1	1082607	08/26/11	08/30/11	EPA 8260B	
Bromochloromethane	ND	1.0	"	"	"	"	"	"	
Bromodichloromethane	ND	1.0	"	"	"	"	"	"	
Bromoform	ND	1.0	"	"	"	"	"	"	
Bromomethane	ND	1.0	"	"	"	"	"	"	
n-Butylbenzene	ND	1.0	"	"	"	"	"	"	
sec-Butylbenzene	**2.4**	1.0	"	"	"	"	"	"	
tert-Butylbenzene	ND	1.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.50	"	"	"	"	"	"	
Chlorobenzene	ND	1.0	"	"	"	"	"	"	
Chloroethane	ND	1.0	"	"	"	"	"	"	
Chloroform	ND	1.0	"	"	"	"	"	"	
Chloromethane	**19**	1.0	"	"	"	"	"	"	
2-Chlorotoluene	ND	1.0	"	"	"	"	"	"	
4-Chlorotoluene	ND	1.0	"	"	"	"	"	"	
Dibromochloromethane	ND	1.0	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	1.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	1.0	"	"	"	"	"	"	
Dibromomethane	ND	1.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.50	"	"	"	"	"	"	
1,1-Dichloroethane	ND	1.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
1,1-Dichloroethene	ND	1.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	**3.4**	1.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	**1.7**	1.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	1.0	"	"	"	"	"	"	

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.

Daniel Chavez, 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

Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	08/30/11 16:48

LL_MW107A_082511_01

T111166-02 (Water)

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	1.0	ug/l	1	1082607	08/26/11	08/30/11	EPA 8260B	
2,2-Dichloropropane	ND	1.0	"	"	"	"	"	"	
1,1-Dichloropropene	ND	1.0	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	
Hexachlorobutadiene	ND	1.0	"	"	"	"	"	"	
Isopropylbenzene	**12**	1.0	"	"	"	"	"	"	
p-Isopropyltoluene	ND	1.0	"	"	"	"	"	"	
Methylene chloride	ND	1.0	"	"	"	"	"	"	
Naphthalene	ND	1.0	"	"	"	"	"	"	
n-Propylbenzene	**8.0**	1.0	"	"	"	"	"	"	
Styrene	ND	1.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	1.0	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	1.0	"	"	"	"	"	"	
Tetrachloroethene	ND	1.0	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	1.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	1.0	"	"	"	"	"	"	
Trichloroethene	**2.4**	1.0	"	"	"	"	"	"	
Trichlorofluoromethane	ND	1.0	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	1.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	1.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	1.0	"	"	"	"	"	"	
Vinyl chloride	ND	1.0	"	"	"	"	"	"	
Benzene	**0.95**	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
m,p-Xylene	**1.8**	1.0	"	"	"	"	"	"	
o-Xylene	ND	0.50	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	2.0	"	"	"	"	"	"	
Tert-butyl alcohol	ND	10	"	"	"	"	"	"	

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.

Daniel Chavez, 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

Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	08/30/11 16:48

LL_MW107A_082511_01

T111166-02 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Volatile Organic Compounds by EPA Method 8260B									
Di-isopropyl ether	ND	2.0	ug/l	1	1082607	08/26/11	08/30/11	EPA 8260B	
Ethyl tert-butyl ether	ND	2.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	1.0	"	"	"	"	"	"	
1,1,2-trichloro-1,2,2-trifluoroethane (CFC 113)	ND	5.0	"	"	"	"	"	"	
Surrogate 4-Bromofluorobenzene		*103 %*	*77.1-110*		"	"	"	"	
Surrogate Dibromofluoromethane		*89.4 %*	*66.3-111*		"	"	"	"	
Surrogate Toluene-d8		*96.4 %*	*84.7-109*		"	"	"	"	

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.

Daniel Chavez, 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

Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	08/30/11 16:48

LL_MW107A_082511_02

T111166-03 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Purgeable Petroleum Hydrocarbons by EPA 8015C									
C6-C12 (GRO)	**480**	50	ug/l	1	1082631	08/26/11	08/26/11	EPA 8015C	
Surrogate 4-Bromofluorobenzene		*102 %*	*72.6-146*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B									
Bromobenzene	ND	1.0	ug/l	1	1082607	08/26/11	08/30/11	EPA 8260B	
Bromochloromethane	ND	1.0	"	"	"	"	"	"	
Bromodichloromethane	ND	1.0	"	"	"	"	"	"	
Bromoform	ND	1.0	"	"	"	"	"	"	
Bromomethane	ND	1.0	"	"	"	"	"	"	
n-Butylbenzene	ND	1.0	"	"	"	"	"	"	
sec-Butylbenzene	**2.0**	1.0	"	"	"	"	"	"	
tert-Butylbenzene	ND	1.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.50	"	"	"	"	"	"	
Chlorobenzene	ND	1.0	"	"	"	"	"	"	
Chloroethane	ND	1.0	"	"	"	"	"	"	
Chloroform	ND	1.0	"	"	"	"	"	"	
Chloromethane	**15**	1.0	"	"	"	"	"	"	
2-Chlorotoluene	ND	1.0	"	"	"	"	"	"	
4-Chlorotoluene	ND	1.0	"	"	"	"	"	"	
Dibromochloromethane	ND	1.0	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	1.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	1.0	"	"	"	"	"	"	
Dibromomethane	ND	1.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.50	"	"	"	"	"	"	
1,1-Dichloroethane	ND	1.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
1,1-Dichloroethene	ND	1.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	**3.0**	1.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	**1.4**	1.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	1.0	"	"	"	"	"	"	

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.

Daniel Chavez, 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

Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	08/30/11 16:48

LL_MW107A_082511_02

T111166-03 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Volatile Organic Compounds by EPA Method 8260B									
1,3-Dichloropropane	ND	1.0	ug/l	1	1082607	08/26/11	08/30/11	EPA 8260B	
2,2-Dichloropropane	ND	1.0	"	"	"	"	"	"	
1,1-Dichloropropene	ND	1.0	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	
Hexachlorobutadiene	ND	1.0	"	"	"	"	"	"	
Isopropylbenzene	**10**	1.0	"	"	"	"	"	"	
p-Isopropyltoluene	ND	1.0	"	"	"	"	"	"	
Methylene chloride	ND	1.0	"	"	"	"	"	"	
Naphthalene	ND	1.0	"	"	"	"	"	"	
n-Propylbenzene	**6.5**	1.0	"	"	"	"	"	"	
Styrene	ND	1.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	1.0	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	1.0	"	"	"	"	"	"	
Tetrachloroethene	ND	1.0	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	1.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	1.0	"	"	"	"	"	"	
Trichloroethene	**1.9**	1.0	"	"	"	"	"	"	
Trichlorofluoromethane	ND	1.0	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	1.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	1.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	1.0	"	"	"	"	"	"	
Vinyl chloride	ND	1.0	"	"	"	"	"	"	
Benzene	**0.84**	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
m,p-Xylene	**1.4**	1.0	"	"	"	"	"	"	
o-Xylene	ND	0.50	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	2.0	"	"	"	"	"	"	
Tert-butyl alcohol	ND	10	"	"	"	"	"	"	

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.

Daniel Chavez, 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

Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	08/30/11 16:48

LL_MW107A_082511_02

T111166-03 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Volatile Organic Compounds by EPA Method 8260B									
Di-isopropyl ether	ND	2.0	ug/l	1	1082607	08/26/11	08/30/11	EPA 8260B	
Ethyl tert-butyl ether	ND	2.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	1.0	"	"	"	"	"	"	
1,1,2-trichloro-1,2,2-trifluoroethane (CFC 113)	ND	5.0	"	"	"	"	"	"	
Surrogate 4-Bromofluorobenzene		*108 %*	*77.1-110*		"	"	"	"	
Surrogate Dibromofluoromethane		*96.4 %*	*66.3-111*		"	"	"	"	
Surrogate Toluene-d8		*98.6 %*	*84.7-109*		"	"	"	"	

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.

Daniel Chavez, 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

Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	08/30/11 16:48

LL_MW106A_082511_01

T111166-04 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Purgeable Petroleum Hydrocarbons by EPA 8015C									
C6-C12 (GRO)	**540**	50	ug/l	1	1082631	08/26/11	08/26/11	EPA 8015C	
Surrogate 4-Bromofluorobenzene		*100 %*	*72.6-146*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B									
Bromobenzene	ND	1.0	ug/l	1	1082607	08/26/11	08/26/11	EPA 8260B	
Bromochloromethane	ND	1.0	"	"	"	"	"	"	
Bromodichloromethane	ND	1.0	"	"	"	"	"	"	
Bromoform	ND	1.0	"	"	"	"	"	"	
Bromomethane	ND	1.0	"	"	"	"	"	"	
n-Butylbenzene	ND	1.0	"	"	"	"	"	"	
sec-Butylbenzene	**1.4**	1.0	"	"	"	"	"	"	
tert-Butylbenzene	**1.0**	1.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.50	"	"	"	"	"	"	
Chlorobenzene	ND	1.0	"	"	"	"	"	"	
Chloroethane	ND	1.0	"	"	"	"	"	"	
Chloroform	ND	1.0	"	"	"	"	"	"	
Chloromethane	ND	1.0	"	"	"	"	"	"	
2-Chlorotoluene	ND	1.0	"	"	"	"	"	"	
4-Chlorotoluene	ND	1.0	"	"	"	"	"	"	
Dibromochloromethane	ND	1.0	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	1.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	1.0	"	"	"	"	"	"	
Dibromomethane	ND	1.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.50	"	"	"	"	"	"	
1,1-Dichloroethane	ND	1.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
1,1-Dichloroethene	ND	1.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	1.0	"	"	"	"	"	"	

SunStar Laboratories, Inc.

Daniel J Chavez

Daniel Chavez, 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.
Providing Quality Analytical Services Nationwide

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

Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	08/30/11 16:48

LL_MW106A_082511_01

T111166-04 (Water)

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	1.0	ug/l	1	1082607	08/26/11	08/26/11	EPA 8260B	
2,2-Dichloropropane	ND	1.0	"	"	"	"	"	"	
1,1-Dichloropropene	ND	1.0	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	
Hexachlorobutadiene	ND	1.0	"	"	"	"	"	"	
Isopropylbenzene	**5.6**	1.0	"	"	"	"	"	"	
p-Isopropyltoluene	ND	1.0	"	"	"	"	"	"	
Methylene chloride	ND	1.0	"	"	"	"	"	"	
Naphthalene	ND	1.0	"	"	"	"	"	"	
n-Propylbenzene	ND	1.0	"	"	"	"	"	"	
Styrene	ND	1.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	1.0	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	1.0	"	"	"	"	"	"	
Tetrachloroethene	ND	1.0	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	1.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	1.0	"	"	"	"	"	"	
Trichloroethene	ND	1.0	"	"	"	"	"	"	
Trichlorofluoromethane	ND	1.0	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	1.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	1.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	1.0	"	"	"	"	"	"	
Vinyl chloride	**4.8**	1.0	"	"	"	"	"	"	
Benzene	**0.51**	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	**26**	10	"	"	"	"	"	"	

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.

Daniel Chavez, 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

Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	08/30/11 16:48

LL_MW106A_082511_01

T111166-04 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Volatile Organic Compounds by EPA Method 8260B									
Di-isopropyl ether	ND	2.0	ug/l	1	1082607	08/26/11	08/26/11	EPA 8260B	
Ethyl tert-butyl ether	ND	2.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	1.0	"	"	"	"	"	"	
1,1,2-trichloro-1,2,2-trifluoroethane (CFC 113)	ND	5.0	"	"	"	"	"	"	
Surrogate 4-Bromofluorobenzene		*105 %*	*77.1-110*		"	"	"	"	
Surrogate Dibromofluoromethane		*99.5 %*	*66.3-111*		"	"	"	"	
Surrogate Toluene-d8		*102 %*	*84.7-109*		"	"	"	"	

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.

Daniel Chavez, 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

Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	08/30/11 16:48

LL_W4_082511_01

T111166-05 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Purgeable Petroleum Hydrocarbons by EPA 8015C									
C6-C12 (GRO)	**840**	50	ug/l	1	1082631	08/26/11	08/26/11	EPA 8015C	
Surrogate 4-Bromofluorobenzene		*99.7 %*	*72.6-146*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B									
Bromobenzene	ND	1.0	ug/l	1	1082607	08/26/11	08/26/11	EPA 8260B	
Bromochloromethane	ND	1.0	"	"	"	"	"	"	
Bromodichloromethane	ND	1.0	"	"	"	"	"	"	
Bromoform	ND	1.0	"	"	"	"	"	"	
Bromomethane	ND	1.0	"	"	"	"	"	"	
n-Butylbenzene	ND	1.0	"	"	"	"	"	"	
sec-Butylbenzene	**1.0**	1.0	"	"	"	"	"	"	
tert-Butylbenzene	ND	1.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.50	"	"	"	"	"	"	
Chlorobenzene	ND	1.0	"	"	"	"	"	"	
Chloroethane	ND	1.0	"	"	"	"	"	"	
Chloroform	ND	1.0	"	"	"	"	"	"	
Chloromethane	ND	1.0	"	"	"	"	"	"	
2-Chlorotoluene	ND	1.0	"	"	"	"	"	"	
4-Chlorotoluene	ND	1.0	"	"	"	"	"	"	
Dibromochloromethane	ND	1.0	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	1.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	1.0	"	"	"	"	"	"	
Dibromomethane	ND	1.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.50	"	"	"	"	"	"	
1,1-Dichloroethane	ND	1.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
1,1-Dichloroethene	ND	1.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	1.0	"	"	"	"	"	"	

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.

Daniel Chavez, 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

Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	08/30/11 16:48

LL_W4_082511_01

T111166-05 (Water)

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	1.0	ug/l	1	1082607	08/26/11	08/26/11	EPA 8260B	
2,2-Dichloropropane	ND	1.0	"	"	"	"	"	"	
1,1-Dichloropropene	ND	1.0	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	
Hexachlorobutadiene	ND	1.0	"	"	"	"	"	"	
Isopropylbenzene	**7.8**	1.0	"	"	"	"	"	"	
p-Isopropyltoluene	ND	1.0	"	"	"	"	"	"	
Methylene chloride	ND	1.0	"	"	"	"	"	"	
Naphthalene	ND	1.0	"	"	"	"	"	"	
n-Propylbenzene	**3.8**	1.0	"	"	"	"	"	"	
Styrene	ND	1.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	1.0	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	1.0	"	"	"	"	"	"	
Tetrachloroethene	ND	1.0	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	1.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	1.0	"	"	"	"	"	"	
Trichloroethene	ND	1.0	"	"	"	"	"	"	
Trichlorofluoromethane	ND	1.0	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	1.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	1.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	1.0	"	"	"	"	"	"	
Vinyl chloride	**1.8**	1.0	"	"	"	"	"	"	
Benzene	**190**	12	"	25	"	"	08/30/11	"	
Toluene	ND	0.50	"	1	"	"	08/26/11	"	
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	"	"	"	"	"	"	

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.

Daniel Chavez, 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

Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	08/30/11 16:48

LL_W4_082511_01

T111166-05 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Volatile Organic Compounds by EPA Method 8260B									
Di-isopropyl ether	ND	2.0	ug/l	1	1082607	08/26/11	08/26/11	EPA 8260B	
Ethyl tert-butyl ether	ND	2.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	1.0	"	"	"	"	"	"	
1,1,2-trichloro-1,2,2-trifluoroethane (CFC 113)	ND	5.0	"	"	"	"	"	"	
Surrogate 4-Bromofluorobenzene		*105 %*		*77.1-110*	"	"	"	"	
Surrogate Dibromofluoromethane		*102 %*		*66.3-111*	"	"	"	"	
Surrogate Toluene-d8		*97.4 %*		*84.7-109*	"	"	"	"	

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.

Daniel Chavez, 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

Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	08/30/11 16:48

Purgeable Petroleum Hydrocarbons by EPA 8015C - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1082631 - EPA 5030 GC										
Blank (1082631-BLK1)				Prepared & Analyzed: 08/26/11						
C6-C12 (GRO)	ND	50	ug/l							
Surrogate 4-Bromofluorobenzene	*100*		*"*	*100*		*100*	*72.6-146*			
LCS (1082631-BS1)				Prepared & Analyzed: 08/26/11						
C6-C12 (GRO)	5450	50	ug/l	5500		99.1	75-125			
Surrogate 4-Bromofluorobenzene	*93.3*		*"*	*100*		*93.3*	*72.6-146*			
Matrix Spike (1082631-MS1)		**Source: T111166-01**		Prepared & Analyzed: 08/26/11						
C6-C12 (GRO)	5440	50	ug/l	5500	358	92.4	65-135			
Surrogate 4-Bromofluorobenzene	*93.6*		*"*	*100*		*93.6*	*72.6-146*			
Matrix Spike Dup (1082631-MSD1)		**Source: T111166-01**		Prepared & Analyzed: 08/26/11						
C6-C12 (GRO)	5240	50	ug/l	5500	358	88.7	65-135	3.84	20	
Surrogate 4-Bromofluorobenzene	*97.9*		*"*	*100*		*97.9*	*72.6-146*			

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.

Daniel Chavez, 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

Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	08/30/11 16:48

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 1082607 - EPA 5030 GCMS										
Blank (1082607-BLK1)				Prepared & Analyzed: 08/26/11						
Bromobenzene	ND	1.0	ug/l							
Bromochloromethane	ND	1.0	"							
Bromodichloromethane	ND	1.0	"							
Bromoform	ND	1.0	"							
Bromomethane	ND	1.0	"							
n-Butylbenzene	ND	1.0	"							
sec-Butylbenzene	ND	1.0	"							
tert-Butylbenzene	ND	1.0	"							
Carbon tetrachloride	ND	0.50	"							
Chlorobenzene	ND	1.0	"							
Chloroethane	ND	1.0	"							
Chloroform	ND	1.0	"							
Chloromethane	ND	1.0	"							
2-Chlorotoluene	ND	1.0	"							
4-Chlorotoluene	ND	1.0	"							
Dibromochloromethane	ND	1.0	"							
1,2-Dibromo-3-chloropropane	ND	1.0	"							
1,2-Dibromoethane (EDB)	ND	1.0	"							
Dibromomethane	ND	1.0	"							
1,2-Dichlorobenzene	ND	1.0	"							
1,3-Dichlorobenzene	ND	1.0	"							
1,4-Dichlorobenzene	ND	1.0	"							
Dichlorodifluoromethane	ND	0.50	"							
1,1-Dichloroethane	ND	1.0	"							
1,2-Dichloroethane	ND	0.50	"							
1,1-Dichloroethene	ND	1.0	"							
cis-1,2-Dichloroethene	ND	1.0	"							
trans-1,2-Dichloroethene	ND	1.0	"							
1,2-Dichloropropane	ND	1.0	"							
1,3-Dichloropropane	ND	1.0	"							
2,2-Dichloropropane	ND	1.0	"							
1,1-Dichloropropene	ND	1.0	"							
cis-1,3-Dichloropropene	ND	0.50	"							
trans-1,3-Dichloropropene	ND	0.50	"							
Hexachlorobutadiene	ND	1.0	"							
Isopropylbenzene	ND	1.0	"							

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.

Daniel Chavez, 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

Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	08/30/11 16:48

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 1082607 - EPA 5030 GCMS										
Blank (1082607-BLK1)				Prepared & Analyzed: 08/26/11						
p-Isopropyltoluene	ND	1.0	ug/l							
Methylene chloride	ND	1.0	"							
Naphthalene	ND	1.0	"							
n-Propylbenzene	ND	1.0	"							
Styrene	ND	1.0	"							
1,1,2,2-Tetrachloroethane	ND	1.0	"							
1,1,1,2-Tetrachloroethane	ND	1.0	"							
Tetrachloroethene	ND	1.0	"							
1,2,3-Trichlorobenzene	ND	1.0	"							
1,2,4-Trichlorobenzene	ND	1.0	"							
1,1,2-Trichloroethane	ND	1.0	"							
1,1,1-Trichloroethane	ND	1.0	"							
Trichloroethene	ND	1.0	"							
Trichlorofluoromethane	ND	1.0	"							
1,2,3-Trichloropropane	ND	1.0	"							
1,3,5-Trimethylbenzene	ND	1.0	"							
1,2,4-Trimethylbenzene	ND	1.0	"							
Vinyl chloride	ND	1.0	"							
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	"							
1,1,2-trichloro-1,2,2-trifluoroethane (CFC 113)	ND	5.0	"							
Surrogate 4-Bromofluorobenzene	*8.56*		*"*	*8.00*		*107*	*77.1-110*			
Surrogate Dibromofluoromethane	*7.57*		*"*	*8.00*		*94.6*	*66.3-111*			
Surrogate Toluene-d8	*8.14*		*"*	*8.00*		*102*	*84.7-109*			

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.

Daniel Chavez, 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

Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	08/30/11 16:48

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 1082607 - EPA 5030 GCMS										
LCS (1082607-BS1)				Prepared & Analyzed: 08/26/11						
Chlorobenzene	20.7	1.0	ug/l	20.0		103	75-125			
1,1-Dichloroethene	18.8	1.0	"	20.0		94.2	75-125			
Trichloroethene	21 1	1.0	"	20.0		106	75-125			
Benzene	20 5	0.50	"	20.0		103	75-125			
Toluene	21.0	0.50	"	20.0		105	75-125			
Surrogate 4-Bromofluorobenzene	*8.09*		*"*	*8.00*		*101*	*77.1-110*			
Surrogate Dibromofluoromethane	*7.41*		*"*	*8.00*		*92.6*	*66.3-111*			
Surrogate Toluene-d8	*7.89*		*"*	*8.00*		*98.6*	*84.7-109*			
Matrix Spike (1082607-MS1)		**Source: T111165-01**		Prepared & Analyzed: 08/26/11						
Chlorobenzene	20 5	1.0	ug/l	20.0	ND	102	75-125			
1,1-Dichloroethene	20.7	1.0	"	20.0	ND	103	75-125			
Trichloroethene	20.7	1.0	"	20.0	ND	104	75-125			
Benzene	20.8	0.50	"	20.0	ND	104	75-125			
Toluene	21 2	0.50	"	20.0	ND	106	75-125			
Surrogate 4-Bromofluorobenzene	*8.21*		*"*	*8.00*		*103*	*77.1-110*			
Surrogate Dibromofluoromethane	*8.09*		*"*	*8.00*		*101*	*66.3-111*			
Surrogate Toluene-d8	*7.91*		*"*	*8.00*		*98.9*	*84.7-109*			
Matrix Spike Dup (1082607-MSD1)		**Source: T111165-01**		Prepared & Analyzed: 08/26/11						
Chlorobenzene	20.7	1.0	ug/l	20.0	ND	104	75-125	1.21	20	
1,1-Dichloroethene	22 1	1.0	"	20.0	ND	111	75-125	6.73	20	
Trichloroethene	21.0	1.0	"	20.0	ND	105	75-125	1.39	20	
Benzene	20 9	0.50	"	20.0	ND	104	75-125	0.432	20	
Toluene	21 3	0.50	"	20.0	ND	106	75-125	0.565	20	
Surrogate 4-Bromofluorobenzene	*8.65*		*"*	*8.00*		*108*	*77.1-110*			
Surrogate Dibromofluoromethane	*8.05*		*"*	*8.00*		*101*	*66.3-111*			
Surrogate Toluene-d8	*8.12*		*"*	*8.00*		*102*	*84.7-109*			

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.

Daniel Chavez, 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

Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	08/30/11 16:48

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.

Daniel Chavez, Project Manager

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

Chain of Custody Record

Client: MUREX
Address: 2640 Walnut Ave., Unit F Tustin, CA
Phone: (714) 508-0800 Fax: (714) 508-0880
Project Manager: Jeremy Squire

Date: 8·25·2011 Page: 1 Of 1
Project Name: CENCO
Collector: F.Sosik Client Project #: 1003-001-300
Batch #: T111166 EDF #:

Sample ID	Date Sampled	Time	Sample Type	Container Type	8260	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
LL_W12_082511_01	8·25·2011	1030	GW	VOAs		X				X								01		6
LL_MW107A_082511_01		1330				X				X								02		6
LL_MW107A_082511_02		1345				X				X								03		6
LL_MW106A_082511_01		1425				X				X								04		6
LL_W4_082511_01		1600				X				X								05		6

Relinquished by: (signature)	Date / Time	Received by: (signature)	Date / Time
F.Sosik	8.25.2011 1656		8/25/11 1656
Relinquished by: (signature)	Date / Time	Received by: (signature)	Date / Time
Relinquished by: (signature)	Date / Time	Received by: (signature)	Date / Time

Total # of containers: 36
Chain of Custody seals Y/N/NA: N
Seals intact? Y/N/NA: N/A
Received good condition/cold: Y 3.6°

Turn around time:

Notes

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

COC 102663

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

SAMPLE RECEIVING REVIEW SHEET

BATCH # T111166

Client Name: MUREX

Project: CENCO

Received by: DAN

Date/Time Received: 8/25/11 1656

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 3.8 °C +/- the CF (- 0.2°C) = 3.6 °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 8/26/11

Comments:

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

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

01 September 2011

Jeremy Squire
Murex
2640 Walnut Ave. Unit F
Tustin, CA 92780

RE: Cenco

Enclosed are the results of analyses for samples received by the laboratory on 08/29/11 16:37. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Daniel Chavez
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

Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	09/01/11 14:23

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
LL_W1_082611_01	T111178-01	Water	08/26/11 11:11	08/29/11 16:37
LL_W16A_082611_01	T111178-02	Water	08/26/11 12:14	08/29/11 16:37
LL_W16B_082611_01	T111178-03	Water	08/26/11 14:40	08/29/11 16:37
LL_W16C_082611_01	T111178-04	Water	08/26/11 15:45	08/29/11 16:37
LL_MW503B_082911_01	T111178-05	Water	08/29/11 14:20	08/29/11 16:37
LL_W11_082911_01	T111178-06	Water	08/29/11 16:00	08/29/11 16:37

SunStar Laboratories, Inc.

Daniel J Chávez

Daniel Chavez, 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.
Providing Quality Analytical Services Nationwide

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

Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	09/01/11 14:23

LL_W1_082611_01
T111178-01 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Purgeable Petroleum Hydrocarbons by EPA 8015C									
C6-C12 (GRO)	**130**	50	ug/l	1	1083002	08/30/11	08/31/11	EPA 8015C	
Surrogate 4-Bromofluorobenzene		*109 %*	*72.6-146*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B									
Bromobenzene	ND	1.0	ug/l	1	1083001	08/30/11	08/31/11	EPA 8260B	
Bromochloromethane	ND	1.0	"	"	"	"	"	"	
Bromodichloromethane	ND	1.0	"	"	"	"	"	"	
Bromoform	ND	1.0	"	"	"	"	"	"	
Bromomethane	ND	1.0	"	"	"	"	"	"	
n-Butylbenzene	ND	1.0	"	"	"	"	"	"	
sec-Butylbenzene	ND	1.0	"	"	"	"	"	"	
tert-Butylbenzene	ND	1.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.50	"	"	"	"	"	"	
Chlorobenzene	ND	1.0	"	"	"	"	"	"	
Chloroethane	ND	1.0	"	"	"	"	"	"	
Chloroform	ND	1.0	"	"	"	"	"	"	
Chloromethane	ND	1.0	"	"	"	"	"	"	
2-Chlorotoluene	ND	1.0	"	"	"	"	"	"	
4-Chlorotoluene	ND	1.0	"	"	"	"	"	"	
Dibromochloromethane	ND	1.0	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	1.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	1.0	"	"	"	"	"	"	
Dibromomethane	ND	1.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.50	"	"	"	"	"	"	
1,1-Dichloroethane	ND	1.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
1,1-Dichloroethene	ND	1.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	**4.2**	1.0	"	"	"	"	"	"	

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.

Daniel Chavez, 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

Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	09/01/11 14:23

LL_W1_082611_01

T111178-01 (Water)

SunStar Laboratories, Inc.

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
1,2-Dichloropropane	ND	1.0	ug/l	1	1083001	08/30/11	08/31/11	EPA 8260B	
1,3-Dichloropropane	ND	1.0	"	"	"	"	"	"	
2,2-Dichloropropane	ND	1.0	"	"	"	"	"	"	
1,1-Dichloropropene	ND	1.0	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	
Hexachlorobutadiene	ND	1.0	"	"	"	"	"	"	
Isopropylbenzene	ND	1.0	"	"	"	"	"	"	
p-Isopropyltoluene	ND	1.0	"	"	"	"	"	"	
Methylene chloride	ND	1.0	"	"	"	"	"	"	
Naphthalene	ND	1.0	"	"	"	"	"	"	
n-Propylbenzene	ND	1.0	"	"	"	"	"	"	
Styrene	ND	1.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	1.0	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	1.0	"	"	"	"	"	"	
Tetrachloroethene	ND	1.0	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	1.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	1.0	"	"	"	"	"	"	
Trichloroethene	ND	1.0	"	"	"	"	"	"	
Trichlorofluoromethane	ND	1.0	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	1.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	1.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	1.0	"	"	"	"	"	"	
Vinyl chloride	**6.4**	1.0	"	"	"	"	"	"	
Benzene	**3.9**	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	"	"	"	"	"	"	

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.

Daniel Chavez, 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

Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	09/01/11 14:23

LL_W1_082611_01

T111178-01 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Volatile Organic Compounds by EPA Method 8260B									
Tert-butyl alcohol	**16**	10	ug/l	1	1083001	08/30/11	08/31/11	EPA 8260B	
Di-isopropyl ether	ND	2.0	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	2.0	"	"	"	"	"	"	
Methyl tert-butyl ether	**1.3**	1.0	"	"	"	"	"	"	
1,1,2-trichloro-1,2,2-trifluoroethane (CFC 113)	ND	5.0	"	"	"	"	"	"	
Surrogate 4-Bromofluorobenzene		*112 %*	*77.1-110*		"	"	"	"	*S-GC*
Surrogate Dibromofluoromethane		*101 %*	*66.3-111*		"	"	"	"	
Surrogate Toluene-d8		*102 %*	*84.7-109*		"	"	"	"	

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.

Daniel Chavez, 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

Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	09/01/11 14:23

LL_W16A_082611_01

T111178-02 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Purgeable Petroleum Hydrocarbons by EPA 8015C									
C6-C12 (GRO)	**280**	50	ug/l	1	1083002	08/30/11	08/31/11	EPA 8015C	
Surrogate 4-Bromofluorobenzene		*105 %*	*72.6-146*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B									
Bromobenzene	ND	1.0	ug/l	1	1083001	08/30/11	08/31/11	EPA 8260B	
Bromochloromethane	ND	1.0	"	"	"	"	"	"	
Bromodichloromethane	ND	1.0	"	"	"	"	"	"	
Bromoform	ND	1.0	"	"	"	"	"	"	
Bromomethane	ND	1.0	"	"	"	"	"	"	
n-Butylbenzene	ND	1.0	"	"	"	"	"	"	
sec-Butylbenzene	ND	1.0	"	"	"	"	"	"	
tert-Butylbenzene	ND	1.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.50	"	"	"	"	"	"	
Chlorobenzene	ND	1.0	"	"	"	"	"	"	
Chloroethane	ND	1.0	"	"	"	"	"	"	
Chloroform	ND	1.0	"	"	"	"	"	"	
Chloromethane	ND	1.0	"	"	"	"	"	"	
2-Chlorotoluene	ND	1.0	"	"	"	"	"	"	
4-Chlorotoluene	ND	1.0	"	"	"	"	"	"	
Dibromochloromethane	ND	1.0	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	1.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	1.0	"	"	"	"	"	"	
Dibromomethane	ND	1.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.50	"	"	"	"	"	"	
1,1-Dichloroethane	**1.2**	1.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
1,1-Dichloroethene	ND	1.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	1.0	"	"	"	"	"	"	

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.

Daniel Chavez, 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

Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	09/01/11 14:23

LL_W16A_082611_01

T111178-02 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Volatile Organic Compounds by EPA Method 8260B									
1,3-Dichloropropane	ND	1.0	ug/l	1	1083001	08/30/11	08/31/11	EPA 8260B	
2,2-Dichloropropane	ND	1.0	"	"	"	"	"	"	
1,1-Dichloropropene	ND	1.0	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	
Hexachlorobutadiene	ND	1.0	"	"	"	"	"	"	
Isopropylbenzene	**4.8**	1.0	"	"	"	"	"	"	
p-Isopropyltoluene	ND	1.0	"	"	"	"	"	"	
Methylene chloride	ND	1.0	"	"	"	"	"	"	
Naphthalene	ND	1.0	"	"	"	"	"	"	
n-Propylbenzene	**1.0**	1.0	"	"	"	"	"	"	
Styrene	ND	1.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	1.0	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	1.0	"	"	"	"	"	"	
Tetrachloroethene	ND	1.0	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	1.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	1.0	"	"	"	"	"	"	
Trichloroethene	ND	1.0	"	"	"	"	"	"	
Trichlorofluoromethane	ND	1.0	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	1.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	1.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	1.0	"	"	"	"	"	"	
Vinyl chloride	ND	1.0	"	"	"	"	"	"	
Benzene	**13**	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	**30**	10	"	"	"	"	"	"	

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.

Daniel Chavez, 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

Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	09/01/11 14:23

LL_W16A_082611_01

T111178-02 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Volatile Organic Compounds by EPA Method 8260B									
Di-isopropyl ether	ND	2.0	ug/l	1	1083001	08/30/11	08/31/11	EPA 8260B	
Ethyl tert-butyl ether	ND	2.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	1.0	"	"	"	"	"	"	
1,1,2-trichloro-1,2,2-trifluoroethane (CFC 113)	ND	5.0	"	"	"	"	"	"	
Surrogate 4-Bromofluorobenzene		*108 %*	*77.1-110*		"	"	"	"	
Surrogate Dibromofluoromethane		*104 %*	*66.3-111*		"	"	"	"	
Surrogate Toluene-d8		*104 %*	*84.7-109*		"	"	"	"	

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.

Daniel Chavez, 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

Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	09/01/11 14:23

LL_W16B_082611_01

T111178-03 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Purgeable Petroleum Hydrocarbons by EPA 8015C									
C6-C12 (GRO)	**89**	50	ug/l	1	1083002	08/30/11	08/31/11	EPA 8015C	
Surrogate 4-Bromofluorobenzene		*92.8 %*	*72.6-146*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B									
Bromobenzene	ND	1.0	ug/l	1	1083001	08/30/11	08/31/11	EPA 8260B	
Bromochloromethane	ND	1.0	"	"	"	"	"	"	
Bromodichloromethane	ND	1.0	"	"	"	"	"	"	
Bromoform	ND	1.0	"	"	"	"	"	"	
Bromomethane	ND	1.0	"	"	"	"	"	"	
n-Butylbenzene	ND	1.0	"	"	"	"	"	"	
sec-Butylbenzene	ND	1.0	"	"	"	"	"	"	
tert-Butylbenzene	ND	1.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.50	"	"	"	"	"	"	
Chlorobenzene	ND	1.0	"	"	"	"	"	"	
Chloroethane	ND	1.0	"	"	"	"	"	"	
Chloroform	ND	1.0	"	"	"	"	"	"	
Chloromethane	ND	1.0	"	"	"	"	"	"	
2-Chlorotoluene	ND	1.0	"	"	"	"	"	"	
4-Chlorotoluene	ND	1.0	"	"	"	"	"	"	
Dibromochloromethane	ND	1.0	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	1.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	1.0	"	"	"	"	"	"	
Dibromomethane	ND	1.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.50	"	"	"	"	"	"	
1,1-Dichloroethane	**1.4**	1.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
1,1-Dichloroethene	ND	1.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	**16**	1.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	**12**	1.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	1.0	"	"	"	"	"	"	

SunStar Laboratories, Inc.

Daniel J Chavez

Daniel Chavez, 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.
Providing Quality Analytical Services Nationwide

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

Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	09/01/11 14:23

LL_W16B_082611_01

T111178-03 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Volatile Organic Compounds by EPA Method 8260B									
1,3-Dichloropropane	ND	1.0	ug/l	1	1083001	08/30/11	08/31/11	EPA 8260B	
2,2-Dichloropropane	ND	1.0	"	"	"	"	"	"	
1,1-Dichloropropene	ND	1.0	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	
Hexachlorobutadiene	ND	1.0	"	"	"	"	"	"	
Isopropylbenzene	ND	1.0	"	"	"	"	"	"	
p-Isopropyltoluene	ND	1.0	"	"	"	"	"	"	
Methylene chloride	ND	1.0	"	"	"	"	"	"	
Naphthalene	ND	1.0	"	"	"	"	"	"	
n-Propylbenzene	ND	1.0	"	"	"	"	"	"	
Styrene	ND	1.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	1.0	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	1.0	"	"	"	"	"	"	
Tetrachloroethene	ND	1.0	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	1.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	1.0	"	"	"	"	"	"	
Trichloroethene	ND	1.0	"	"	"	"	"	"	
Trichlorofluoromethane	ND	1.0	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	1.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	1.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	1.0	"	"	"	"	"	"	
Vinyl chloride	**1.1**	1.0	"	"	"	"	"	"	
Benzene	**20**	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	"	"	"	"	"	"	

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.

Daniel Chavez, 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

Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	09/01/11 14:23

LL_W16B_082611_01

T111178-03 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Volatile Organic Compounds by EPA Method 8260B									
Di-isopropyl ether	ND	2.0	ug/l	1	1083001	08/30/11	08/31/11	EPA 8260B	
Ethyl tert-butyl ether	ND	2.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	1.0	"	"	"	"	"	"	
1,1,2-trichloro-1,2,2-trifluoroethane (CFC 113)	ND	5.0	"	"	"	"	"	"	
Surrogate 4-Bromofluorobenzene		*110 %*	*77.1-110*		"	"	"	"	
Surrogate Dibromofluoromethane		*108 %*	*66.3-111*		"	"	"	"	
Surrogate Toluene-d8		*99.4 %*	*84.7-109*		"	"	"	"	

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.

Daniel Chavez, 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

Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	09/01/11 14:23

LL_W16C_082611_01

T111178-04 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Purgeable Petroleum Hydrocarbons by EPA 8015C									
C6-C12 (GRO)	**320**	50	ug/l	1	1083002	08/30/11	08/31/11	EPA 8015C	
Surrogate 4-Bromofluorobenzene		*112 %*	*72.6-146*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B									
Bromobenzene	ND	1.0	ug/l	1	1083001	08/30/11	08/31/11	EPA 8260B	
Bromochloromethane	ND	1.0	"	"	"	"	"	"	
Bromodichloromethane	ND	1.0	"	"	"	"	"	"	
Bromoform	ND	1.0	"	"	"	"	"	"	
Bromomethane	ND	1.0	"	"	"	"	"	"	
n-Butylbenzene	ND	1.0	"	"	"	"	"	"	
sec-Butylbenzene	ND	1.0	"	"	"	"	"	"	
tert-Butylbenzene	ND	1.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.50	"	"	"	"	"	"	
Chlorobenzene	**12**	1.0	"	"	"	"	"	"	
Chloroethane	ND	1.0	"	"	"	"	"	"	
Chloroform	ND	1.0	"	"	"	"	"	"	
Chloromethane	ND	1.0	"	"	"	"	"	"	
2-Chlorotoluene	ND	1.0	"	"	"	"	"	"	
4-Chlorotoluene	ND	1.0	"	"	"	"	"	"	
Dibromochloromethane	ND	1.0	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	1.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	1.0	"	"	"	"	"	"	
Dibromomethane	ND	1.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	**1.6**	1.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.50	"	"	"	"	"	"	
1,1-Dichloroethane	**24**	1.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
1,1-Dichloroethene	**2.8**	1.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	**63**	1.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	**15**	1.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	1.0	"	"	"	"	"	"	

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.

Daniel Chavez, 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

Murex	Project:	Cenco	
2640 Walnut Ave. Unit F	Project Number:	1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager:	Jeremy Squire	09/01/11 14:23

LL_W16C_082611_01

T111178-04 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Volatile Organic Compounds by EPA Method 8260B									
1,3-Dichloropropane	ND	1.0	ug/l	1	1083001	08/30/11	08/31/11	EPA 8260B	
2,2-Dichloropropane	ND	1.0	"	"	"	"	"	"	
1,1-Dichloropropene	ND	1.0	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	
Hexachlorobutadiene	ND	1.0	"	"	"	"	"	"	
Isopropylbenzene	ND	1.0	"	"	"	"	"	"	
p-Isopropyltoluene	ND	1.0	"	"	"	"	"	"	
Methylene chloride	ND	1.0	"	"	"	"	"	"	
Naphthalene	ND	1.0	"	"	"	"	"	"	
n-Propylbenzene	ND	1.0	"	"	"	"	"	"	
Styrene	ND	1.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	1.0	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	1.0	"	"	"	"	"	"	
Tetrachloroethene	ND	1.0	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	1.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	1.0	"	"	"	"	"	"	
Trichloroethene	ND	1.0	"	"	"	"	"	"	
Trichlorofluoromethane	ND	1.0	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	1.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	1.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	1.0	"	"	"	"	"	"	
Vinyl chloride	**16**	1.0	"	"	"	"	"	"	
Benzene	**30**	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	"	"	"	"	"	"	

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.

Daniel Chavez, 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

Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	09/01/11 14:23

LL_W16C_082611_01

T111178-04 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Volatile Organic Compounds by EPA Method 8260B									
Di-isopropyl ether	ND	2.0	ug/l	1	1083001	08/30/11	08/31/11	EPA 8260B	
Ethyl tert-butyl ether	ND	2.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	1.0	"	"	"	"	"	"	
1,1,2-trichloro-1,2,2-trifluoroethane (CFC 113)	ND	5.0	"	"	"	"	"	"	
Surrogate 4-Bromofluorobenzene		*113 %*	*77.1-110*		"	"	"	"	*S-GC*
Surrogate Dibromofluoromethane		*103 %*	*66.3-111*		"	"	"	"	
Surrogate Toluene-d8		*97.5 %*	*84.7-109*		"	"	"	"	

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.

Daniel Chavez, 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

Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	09/01/11 14:23

LL_MW503B_082911_01

T111178-05 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Purgeable Petroleum Hydrocarbons by EPA 8015C									
C6-C12 (GRO)	**13000**	50	ug/l	1	1083002	08/30/11	08/31/11	EPA 8015C	
Surrogate 4-Bromofluorobenzene		*104 %*	*72.6-146*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B									
Bromobenzene	ND	1.0	ug/l	1	1083001	08/30/11	08/31/11	EPA 8260B	
Bromochloromethane	ND	1.0	"	"	"	"	"	"	
Bromodichloromethane	ND	1.0	"	"	"	"	"	"	
Bromoform	ND	1.0	"	"	"	"	"	"	
Bromomethane	ND	1.0	"	"	"	"	"	"	
n-Butylbenzene	**8.2**	1.0	"	"	"	"	"	"	
sec-Butylbenzene	**7.6**	1.0	"	"	"	"	"	"	
tert-Butylbenzene	ND	1.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.50	"	"	"	"	"	"	
Chlorobenzene	ND	1.0	"	"	"	"	"	"	
Chloroethane	ND	1.0	"	"	"	"	"	"	
Chloroform	ND	1.0	"	"	"	"	"	"	
Chloromethane	ND	1.0	"	"	"	"	"	"	
2-Chlorotoluene	ND	1.0	"	"	"	"	"	"	
4-Chlorotoluene	ND	1.0	"	"	"	"	"	"	
Dibromochloromethane	ND	1.0	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	1.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	1.0	"	"	"	"	"	"	
Dibromomethane	ND	1.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.50	"	"	"	"	"	"	
1,1-Dichloroethane	ND	1.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
1,1-Dichloroethene	ND	1.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	**2.7**	1.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	1.0	"	"	"	"	"	"	

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.

Daniel Chavez, 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

Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	09/01/11 14:23

LL_MW503B_082911_01

T111178-05 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Volatile Organic Compounds by EPA Method 8260B									
1,3-Dichloropropane	ND	1.0	ug/l	1	1083001	08/30/11	08/31/11	EPA 8260B	
2,2-Dichloropropane	ND	1.0	"	"	"	"	"	"	
1,1-Dichloropropene	ND	1.0	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	
Hexachlorobutadiene	ND	1.0	"	"	"	"	"	"	
Isopropylbenzene	**20**	1.0	"	"	"	"	"	"	
p-Isopropyltoluene	**2.4**	1.0	"	"	"	"	"	"	
Methylene chloride	ND	1.0	"	"	"	"	"	"	
Naphthalene	**200**	25	"	25	"	"	"	"	
n-Propylbenzene	**67**	1.0	"	1	"	"	"	"	
Styrene	ND	1.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	1.0	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	1.0	"	"	"	"	"	"	
Tetrachloroethene	ND	1.0	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	1.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	1.0	"	"	"	"	"	"	
Trichloroethene	ND	1.0	"	"	"	"	"	"	
Trichlorofluoromethane	ND	1.0	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	1.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	**150**	1.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	**470**	1.0	"	"	"	"	"	"	
Vinyl chloride	**1.1**	1.0	"	"	"	"	"	"	
Benzene	**590**	12	"	25	"	"	"	"	
Toluene	**270**	12	"	"	"	"	"	"	
Ethylbenzene	**440**	12	"	"	"	"	"	"	
m,p-Xylene	**1300**	25	"	"	"	"	"	"	
o-Xylene	**670**	12	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	2.0	"	1	"	"	"	"	
Tert-butyl alcohol	ND	10	"	"	"	"	"	"	
Di-isopropyl ether	ND	2.0	"	"	"	"	"	"	

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.

Daniel Chavez, 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

Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	09/01/11 14:23

LL_MW503B_082911_01

T111178-05 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Volatile Organic Compounds by EPA Method 8260B									
Ethyl tert-butyl ether	ND	2.0	ug/l	1	1083001	08/30/11	08/31/11	EPA 8260B	
Methyl tert-butyl ether	**4.4**	1.0	"	"	"	"	"	"	
1,1,2-trichloro-1,2,2-trifluoroethane (CFC 113)	ND	5.0	"	"	"	"	"	"	
Surrogate 4-Bromofluorobenzene		*105 %*	*77.1-110*		"	"	"	"	
Surrogate Dibromofluoromethane		*108 %*	*66.3-111*		"	"	"	"	
Surrogate Toluene-d8		*96.5 %*	*84.7-109*		"	"	"	"	

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.

Daniel Chavez, 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

Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	09/01/11 14:23

LL_W11_082911_01

T111178-06 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Purgeable Petroleum Hydrocarbons by EPA 8015C									
C6-C12 (GRO)	**10000**	50	ug/l	1	1083002	08/30/11	08/31/11	EPA 8015C	
Surrogate 4-Bromofluorobenzene		*104 %*	*72.6-146*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B									
Bromobenzene	ND	1.0	ug/l	1	1083001	08/30/11	08/31/11	EPA 8260B	
Bromochloromethane	ND	1.0	"	"	"	"	"	"	
Bromodichloromethane	ND	1.0	"	"	"	"	"	"	
Bromoform	ND	1.0	"	"	"	"	"	"	
Bromomethane	ND	1.0	"	"	"	"	"	"	
n-Butylbenzene	**1.2**	1.0	"	"	"	"	"	"	
sec-Butylbenzene	**2.0**	1.0	"	"	"	"	"	"	
tert-Butylbenzene	**1.4**	1.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.50	"	"	"	"	"	"	
Chlorobenzene	ND	1.0	"	"	"	"	"	"	
Chloroethane	ND	1.0	"	"	"	"	"	"	
Chloroform	ND	1.0	"	"	"	"	"	"	
Chloromethane	ND	1.0	"	"	"	"	"	"	
2-Chlorotoluene	ND	1.0	"	"	"	"	"	"	
4-Chlorotoluene	ND	1.0	"	"	"	"	"	"	
Dibromochloromethane	ND	1.0	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	1.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	1.0	"	"	"	"	"	"	
Dibromomethane	ND	1.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.50	"	"	"	"	"	"	
1,1-Dichloroethane	ND	1.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
1,1-Dichloroethene	ND	1.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	1.0	"	"	"	"	"	"	

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.

Daniel Chavez, 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

Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	09/01/11 14:23

LL_W11_082911_01

T111178-06 (Water)

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	1.0	ug/l	1	1083001	08/30/11	08/31/11	EPA 8260B	
2,2-Dichloropropane	ND	1.0	"	"	"	"	"	"	
1,1-Dichloropropene	ND	1.0	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	
Hexachlorobutadiene	ND	1.0	"	"	"	"	"	"	
Isopropylbenzene	**15**	1.0	"	"	"	"	"	"	
p-Isopropyltoluene	**3.5**	1.0	"	"	"	"	"	"	
Methylene chloride	ND	1.0	"	"	"	"	"	"	
Naphthalene	ND	1.0	"	"	"	"	"	"	
n-Propylbenzene	**13**	1.0	"	"	"	"	"	"	
Styrene	ND	1.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	1.0	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	1.0	"	"	"	"	"	"	
Tetrachloroethene	ND	1.0	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	1.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	1.0	"	"	"	"	"	"	
Trichloroethene	ND	1.0	"	"	"	"	"	"	
Trichlorofluoromethane	ND	1.0	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	1.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	**190**	1.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	**100**	1.0	"	"	"	"	"	"	
Vinyl chloride	ND	1.0	"	"	"	"	"	"	
Benzene	**560**	12	"	25	"	"	"	"	
Toluene	**2.2**	0.50	"	1	"	"	"	"	
Ethylbenzene	**57**	0.50	"	"	"	"	"	"	
m,p-Xylene	**640**	25	"	25	"	"	"	"	
o-Xylene	**14**	0.50	"	1	"	"	"	"	
Tert-amyl methyl ether	ND	2.0	"	"	"	"	"	"	
Tert-butyl alcohol	ND	10	"	"	"	"	"	"	
Di-isopropyl ether	ND	2.0	"	"	"	"	"	"	

SunStar Laboratories, Inc.

Daniel J Chavez

Daniel Chavez, 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.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

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

Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	09/01/11 14:23

LL_W11_082911_01

T111178-06 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Volatile Organic Compounds by EPA Method 8260B									
Ethyl tert-butyl ether	ND	2.0	ug/l	1	1083001	08/30/11	08/31/11	EPA 8260B	
Methyl tert-butyl ether	ND	1.0	"	"	"	"	"	"	
1,1,2-trichloro-1,2,2-trifluoroethane (CFC 113)	ND	5.0	"	"	"	"	"	"	
Surrogate 4-Bromofluorobenzene		*106 %*	*77.1-110*		"	"	"	"	
Surrogate Dibromofluoromethane		*108 %*	*66.3-111*		"	"	"	"	
Surrogate Toluene-d8		*100 %*	*84.7-109*		"	"	"	"	

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.

Daniel Chavez, 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

Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	09/01/11 14:23

Purgeable Petroleum Hydrocarbons by EPA 8015C - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1083002 - EPA 5030 GC										
Blank (1083002-BLK1)				Prepared: 08/30/11		Analyzed: 08/31/11				
C6-C12 (GRO)	ND	50	ug/l							
Surrogate 4-Bromofluorobenzene	*112*		*"*	*100*		*112*	*72.6-146*			
LCS (1083002-BS1)				Prepared: 08/30/11		Analyzed: 08/31/11				
C6-C12 (GRO)	5900	50	ug/l	5500		107	75-125			
Surrogate 4-Bromofluorobenzene	*93.1*		*"*	*100*		*93.1*	*72.6-146*			
Matrix Spike (1083002-MS1)		**Source: T111178-02**		Prepared: 08/30/11		Analyzed: 08/31/11				
C6-C12 (GRO)	6550	50	ug/l	5500	279	114	65-135			
Surrogate 4-Bromofluorobenzene	*99.2*		*"*	*100*		*99.2*	*72.6-146*			
Matrix Spike Dup (1083002-MSD1)		**Source: T111178-02**		Prepared: 08/30/11		Analyzed: 08/31/11				
C6-C12 (GRO)	3930	50	ug/l	5500	279	66.4	65-135	49.9	20	QM-01
Surrogate 4-Bromofluorobenzene	*72.0*		*"*	*100*		*72.0*	*72.6-146*			*S-04*

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.

Daniel Chavez, 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

Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	09/01/11 14:23

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 1083001 - EPA 5030 GCMS										
Blank (1083001-BLK1)				Prepared: 08/30/11 Analyzed: 08/31/11						
Bromobenzene	ND	1.0	ug/l							
Bromochloromethane	ND	1.0	"							
Bromodichloromethane	ND	1.0	"							
Bromoform	ND	1.0	"							
Bromomethane	ND	1.0	"							
n-Butylbenzene	ND	1.0	"							
sec-Butylbenzene	ND	1.0	"							
tert-Butylbenzene	ND	1.0	"							
Carbon tetrachloride	ND	0.50	"							
Chlorobenzene	ND	1.0	"							
Chloroethane	ND	1.0	"							
Chloroform	ND	1.0	"							
Chloromethane	ND	1.0	"							
2-Chlorotoluene	ND	1.0	"							
4-Chlorotoluene	ND	1.0	"							
Dibromochloromethane	ND	1.0	"							
1,2-Dibromo-3-chloropropane	ND	1.0	"							
1,2-Dibromoethane (EDB)	ND	1.0	"							
Dibromomethane	ND	1.0	"							
1,2-Dichlorobenzene	ND	1.0	"							
1,3-Dichlorobenzene	ND	1.0	"							
1,4-Dichlorobenzene	ND	1.0	"							
Dichlorodifluoromethane	ND	0.50	"							
1,1-Dichloroethane	ND	1.0	"							
1,2-Dichloroethane	ND	0.50	"							
1,1-Dichloroethene	ND	1.0	"							
cis-1,2-Dichloroethene	ND	1.0	"							
trans-1,2-Dichloroethene	ND	1.0	"							
1,2-Dichloropropane	ND	1.0	"							
1,3-Dichloropropane	ND	1.0	"							
2,2-Dichloropropane	ND	1.0	"							
1,1-Dichloropropene	ND	1.0	"							
cis-1,3-Dichloropropene	ND	0.50	"							
trans-1,3-Dichloropropene	ND	0.50	"							
Hexachlorobutadiene	ND	1.0	"							
Isopropylbenzene	ND	1.0	"							

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.

Daniel Chavez, 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

Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	09/01/11 14:23

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 1083001 - EPA 5030 GCMS										
Blank (1083001-BLK1)				Prepared: 08/30/11 Analyzed: 08/31/11						
p-Isopropyltoluene	ND	1.0	ug/l							
Methylene chloride	ND	1.0	"							
Naphthalene	ND	1.0	"							
n-Propylbenzene	ND	1.0	"							
Styrene	ND	1.0	"							
1,1,2,2-Tetrachloroethane	ND	1.0	"							
1,1,1,2-Tetrachloroethane	ND	1.0	"							
Tetrachloroethene	ND	1.0	"							
1,2,3-Trichlorobenzene	ND	1.0	"							
1,2,4-Trichlorobenzene	ND	1.0	"							
1,1,2-Trichloroethane	ND	1.0	"							
1,1,1-Trichloroethane	ND	1.0	"							
Trichloroethene	ND	1.0	"							
Trichlorofluoromethane	ND	1.0	"							
1,2,3-Trichloropropane	ND	1.0	"							
1,3,5-Trimethylbenzene	ND	1.0	"							
1,2,4-Trimethylbenzene	ND	1.0	"							
Vinyl chloride	ND	1.0	"							
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	"							
1,1,2-trichloro-1,2,2-trifluoroethane (CFC 113)	ND	5.0	"							
Surrogate 4-Bromofluorobenzene	*8.96*		*"*	*8.00*		*112*	*77.1-110*			*S-GC*
Surrogate Dibromofluoromethane	*8.34*		*"*	*8.00*		*104*	*66.3-111*			
Surrogate Toluene-d8	*7.96*		*"*	*8.00*		*99.5*	*84.7-109*			

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.

Daniel Chavez, 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

Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	09/01/11 14:23

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 1083001 - EPA 5030 GCMS										
LCS (1083001-BS1)				Prepared & Analyzed: 08/30/11						
Chlorobenzene	16 5	1.0	ug/l	20.0		82.5	75-125			
1,1-Dichloroethene	16.8	1.0	"	20.0		83.8	75-125			
Trichloroethene	17.8	1.0	"	20.0		89.0	75-125			
Benzene	18.6	0.50	"	20.0		93.2	75-125			
Toluene	18.4	0.50	"	20.0		92.0	75-125			
Surrogate 4-Bromofluorobenzene	*8.67*		*"*	*8.00*		*108*	*77.1-110*			
Surrogate Dibromofluoromethane	*8.67*		*"*	*8.00*		*108*	*66.3-111*			
Surrogate Toluene-d8	*8.08*		*"*	*8.00*		*101*	*84.7-109*			
Matrix Spike (1083001-MS1)		**Source: T111178-01**		Prepared & Analyzed: 08/30/11						
Chlorobenzene	18.6	1.0	ug/l	20.0	0.330	91.2	75-125			
1,1-Dichloroethene	19.4	1.0	"	20.0	ND	96.8	75-125			
Trichloroethene	20.7	1.0	"	20.0	ND	103	75-125			
Benzene	24 3	0.50	"	20.0	3.86	102	75-125			
Toluene	20.8	0.50	"	20.0	ND	104	75-125			
Surrogate 4-Bromofluorobenzene	*8.58*		*"*	*8.00*		*107*	*77.1-110*			
Surrogate Dibromofluoromethane	*8.72*		*"*	*8.00*		*109*	*66.3-111*			
Surrogate Toluene-d8	*8.17*		*"*	*8.00*		*102*	*84.7-109*			
Matrix Spike Dup (1083001-MSD1)		**Source: T111178-01**		Prepared & Analyzed: 08/30/11						
Chlorobenzene	18 3	1.0	ug/l	20.0	0.330	90.0	75-125	1.19	20	
1,1-Dichloroethene	17 5	1.0	"	20.0	ND	87.6	75-125	9.98	20	
Trichloroethene	18.7	1.0	"	20.0	ND	93.4	75-125	10.2	20	
Benzene	23 5	0.50	"	20.0	3.86	98.0	75-125	3.48	20	
Toluene	20 2	0.50	"	20.0	ND	101	75-125	2.93	20	
Surrogate 4-Bromofluorobenzene	*8.80*		*"*	*8.00*		*110*	*77.1-110*			
Surrogate Dibromofluoromethane	*8.57*		*"*	*8.00*		*107*	*66.3-111*			
Surrogate Toluene-d8	*8.45*		*"*	*8.00*		*106*	*84.7-109*			

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.

Daniel Chavez, 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

Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	09/01/11 14:23

Notes and Definitions

S-GC	Surrogate recovery outside of established control limits. The data was accepted based on valid recovery of the remaining surrogate(s).
S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
QM-01	The % recovery is outside of established control limits due to matrix interference and/or sample dilution due to matrix effect. The batch was accepted based on acceptable LCS recovery.
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.
25712 Commercentre Dr
Lake Forest, CA 92630
949-297-5020

Chain of Custody Record

Client: MUREX
Address: 2640 Walnut Ave, Unit F Tustin, CA
Phone: (714) 508-0800 Fax: (714) 508-0880
Project Manager: Jeremy Squire

Date: 8.29.2011 Page: 1 Of 1
Project Name: CENCO
Collector: F. Sosic Client Project #: 1003-001-300
Batch #: T111178 EDF #:

Sample ID	Date Sampled	Time	Sample Type	Container Type	8260	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
LL_W1_082611_01	8.26.2011	11:11	GW	VOAs		X				X				01		6
LL_W6A_082611_01	8.26.2011	12:14				X				X				02		6
LL_W6B_082611_01	8.26.2011	14:40				X				X				03		6
LL_W6C_082611_01	8.26.2011	15:45				X				X				04		6
LL_MWS03B_082911_01	8.29.2011	14:20				X				X				05		6
LL_W11_082911_01	8.29.2011	16:00				X				X				06		6

Relinquished by: (signature)	Date / Time	Received by: (signature)	Date / Time
F. Sosic	8.29.2011 1657	[illegible]	8/29/11 1637
Relinquished by: (signature)	Date / Time	Received by: (signature)	Date / Time
Relinquished by: (signature)	Date / Time	Received by: (signature)	Date / Time

Total # of containers	36
Chain of Custody seals Y/N/NA	N
Seals intact? Y/N/NA	N/A
Received good condition/cold	Y 4.2°

Notes

Turn around time:

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

COC 102665

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

SAMPLE RECEIVING REVIEW SHEET

BATCH # T111178

Client Name: MUREX

Project: CENCO

Received by: DAN

Date/Time Received: 8/29/11 1637

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

Total number of coolers received 5

Temp criteria = 6°C > 0°C (no frozen containers)

Temperature: cooler #1 4.4 °C +/- the CF (- 0.2°C) = 4.2 °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 8/29/11

Comments:

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

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

02 September 2011

Jeremy Squire
Murex
2640 Walnut Ave. Unit F
Tustin, CA 92780
RE: Cenco

Enclosed are the results of analyses for samples received by the laboratory on 08/30/11 15:41. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Wendy Hsiao

Wendy Hsiao For Daniel Chavez
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

Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	09/02/11 17:14

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
LL_MW701_083011_01	T111189-01	Water	08/30/11 10:00	08/30/11 15:41
LL_MW701_083011_02	T111189-02	Water	08/30/11 10:13	08/30/11 15:41
LL_MW702_083011_01	T111189-03	Water	08/30/11 11:36	08/30/11 15:41
LL_MW703_083011_01	T111189-04	Water	08/30/11 14:32	08/30/11 15:41

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.

Wendy Hsiao

Wendy Hsiao For Daniel Chavez, 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

Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	09/02/11 17:14

LL_MW701_083011_01
T111189-01 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Purgeable Petroleum Hydrocarbons by EPA 8015C									
C6-C12 (GRO)	**190**	50	ug/l	1	1083113	08/31/11	08/31/11	EPA 8015C	
Surrogate: 4-Bromofluorobenzene		*107 %*	*72.6-146*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B									
Bromobenzene	ND	1.0	ug/l	1	1083112	08/31/11	08/31/11	EPA 8260B	
Bromochloromethane	ND	1.0	"	"	"	"	"	"	
Bromodichloromethane	ND	1.0	"	"	"	"	"	"	
Bromoform	ND	1.0	"	"	"	"	"	"	
Bromomethane	ND	1.0	"	"	"	"	"	"	
n-Butylbenzene	ND	1.0	"	"	"	"	"	"	
sec-Butylbenzene	ND	1.0	"	"	"	"	"	"	
tert-Butylbenzene	ND	1.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.50	"	"	"	"	"	"	
Chlorobenzene	ND	1.0	"	"	"	"	"	"	
Chloroethane	ND	1.0	"	"	"	"	"	"	
Chloroform	ND	1.0	"	"	"	"	"	"	
Chloromethane	ND	1.0	"	"	"	"	"	"	
2-Chlorotoluene	ND	1.0	"	"	"	"	"	"	
4-Chlorotoluene	ND	1.0	"	"	"	"	"	"	
Dibromochloromethane	ND	1.0	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	1.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	1.0	"	"	"	"	"	"	
Dibromomethane	ND	1.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.50	"	"	"	"	"	"	
1,1-Dichloroethane	ND	1.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
1,1-Dichloroethene	**3.4**	1.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	**9.0**	1.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	**2.3**	1.0	"	"	"	"	"	"	

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.

Wendy Hsiao

Wendy Hsiao For Daniel Chavez, 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

Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	09/02/11 17:14

LL_MW701_083011_01

T111189-01 (Water)

SunStar Laboratories, Inc.

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
1,2-Dichloropropane	ND	1.0	ug/l	1	1083112	08/31/11	08/31/11	EPA 8260B	
1,3-Dichloropropane	ND	1.0	"	"	"	"	"	"	
2,2-Dichloropropane	ND	1.0	"	"	"	"	"	"	
1,1-Dichloropropene	ND	1.0	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	
Hexachlorobutadiene	ND	1.0	"	"	"	"	"	"	
Isopropylbenzene	ND	1.0	"	"	"	"	"	"	
p-Isopropyltoluene	ND	1.0	"	"	"	"	"	"	
Methylene chloride	ND	1.0	"	"	"	"	"	"	
Naphthalene	ND	1.0	"	"	"	"	"	"	
n-Propylbenzene	ND	1.0	"	"	"	"	"	"	
Styrene	ND	1.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	1.0	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	1.0	"	"	"	"	"	"	
Tetrachloroethene	ND	1.0	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	1.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	1.0	"	"	"	"	"	"	
Trichloroethene	**14**	1.0	"	"	"	"	"	"	
Trichlorofluoromethane	ND	1.0	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	1.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	1.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	1.0	"	"	"	"	"	"	
Vinyl chloride	**5.2**	1.0	"	"	"	"	"	"	
Benzene	**2.5**	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	"	"	"	"	"	"	

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.

Wendy Hsiao

Wendy Hsiao For Daniel Chavez, 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

Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	09/02/11 17:14

LL_MW701_083011_01

T111189-01 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Volatile Organic Compounds by EPA Method 8260B									
Tert-butyl alcohol	**19**	10	ug/l	1	1083112	08/31/11	08/31/11	EPA 8260B	
Di-isopropyl ether	ND	2.0	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	2.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	1.0	"	"	"	"	"	"	
1,1,2-trichloro-1,2,2-trifluoroethane (CFC 113)	ND	5.0	"	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*93.9 %*	*77.1-110*		"	"	"	"	
Surrogate: Dibromofluoromethane		*104 %*	*66.3-111*		"	"	"	"	
Surrogate: Toluene-d8		*95.9 %*	*84.7-109*		"	"	"	"	

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.

Wendy Hsiao

Wendy Hsiao For Daniel Chavez, 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

Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	09/02/11 17:14

LL_MW701_083011_02

T111189-02 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Purgeable Petroleum Hydrocarbons by EPA 8015C									
C6-C12 (GRO)	**290**	50	ug/l	1	1083113	08/31/11	08/31/11	EPA 8015C	
Surrogate: 4-Bromofluorobenzene		*106 %*	*72.6-146*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B									
Bromobenzene	ND	1.0	ug/l	1	1083112	08/31/11	08/31/11	EPA 8260B	
Bromochloromethane	ND	1.0	"	"	"	"	"	"	
Bromodichloromethane	ND	1.0	"	"	"	"	"	"	
Bromoform	ND	1.0	"	"	"	"	"	"	
Bromomethane	ND	1.0	"	"	"	"	"	"	
n-Butylbenzene	ND	1.0	"	"	"	"	"	"	
sec-Butylbenzene	ND	1.0	"	"	"	"	"	"	
tert-Butylbenzene	ND	1.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.50	"	"	"	"	"	"	
Chlorobenzene	ND	1.0	"	"	"	"	"	"	
Chloroethane	ND	1.0	"	"	"	"	"	"	
Chloroform	ND	1.0	"	"	"	"	"	"	
Chloromethane	ND	1.0	"	"	"	"	"	"	
2-Chlorotoluene	ND	1.0	"	"	"	"	"	"	
4-Chlorotoluene	ND	1.0	"	"	"	"	"	"	
Dibromochloromethane	ND	1.0	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	1.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	1.0	"	"	"	"	"	"	
Dibromomethane	ND	1.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.50	"	"	"	"	"	"	
1,1-Dichloroethane	ND	1.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
1,1-Dichloroethene	**2.8**	1.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	**7.7**	1.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	**2.0**	1.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	1.0	"	"	"	"	"	"	

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.

Wendy Hsiao

Wendy Hsiao For Daniel Chavez, 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

Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	09/02/11 17:14

LL_MW701_083011_02

T111189-02 (Water)

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	1.0	ug/l	1	1083112	08/31/11	08/31/11	EPA 8260B	
2,2-Dichloropropane	ND	1.0	"	"	"	"	"	"	
1,1-Dichloropropene	ND	1.0	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	
Hexachlorobutadiene	ND	1.0	"	"	"	"	"	"	
Isopropylbenzene	ND	1.0	"	"	"	"	"	"	
p-Isopropyltoluene	ND	1.0	"	"	"	"	"	"	
Methylene chloride	ND	1.0	"	"	"	"	"	"	
Naphthalene	ND	1.0	"	"	"	"	"	"	
n-Propylbenzene	ND	1.0	"	"	"	"	"	"	
Styrene	ND	1.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	1.0	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	1.0	"	"	"	"	"	"	
Tetrachloroethene	ND	1.0	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	1.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	1.0	"	"	"	"	"	"	
Trichloroethene	**11**	1.0	"	"	"	"	"	"	
Trichlorofluoromethane	ND	1.0	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	1.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	1.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	1.0	"	"	"	"	"	"	
Vinyl chloride	**4.0**	1.0	"	"	"	"	"	"	
Benzene	**2.7**	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	**29**	10	"	"	"	"	"	"	

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.

Wendy Hsiao

Wendy Hsiao For Daniel Chavez, 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

Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	09/02/11 17:14

LL_MW701_083011_02

T111189-02 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Volatile Organic Compounds by EPA Method 8260B									
Di-isopropyl ether	ND	2.0	ug/l	1	1083112	08/31/11	08/31/11	EPA 8260B	
Ethyl tert-butyl ether	ND	2.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	1.0	"	"	"	"	"	"	
1,1,2-trichloro-1,2,2-trifluoroethane (CFC 113)	ND	5.0	"	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*95.0 %*	*77.1-110*		"	"	"	"	
Surrogate: Dibromofluoromethane		*95.0 %*	*66.3-111*		"	"	"	"	
Surrogate: Toluene-d8		*98.6 %*	*84.7-109*		"	"	"	"	

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.

Wendy Hsiao

Wendy Hsiao For Daniel Chavez, 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

Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	09/02/11 17:14

LL_MW702_083011_01

T111189-03 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Purgeable Petroleum Hydrocarbons by EPA 8015C									
C6-C12 (GRO)	**260**	50	ug/l	1	1083113	08/31/11	08/31/11	EPA 8015C	
Surrogate: 4-Bromofluorobenzene		*108 %*	*72.6-146*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B									
Bromobenzene	ND	1.0	ug/l	1	1083112	08/31/11	08/31/11	EPA 8260B	
Bromochloromethane	ND	1.0	"	"	"	"	"	"	
Bromodichloromethane	ND	1.0	"	"	"	"	"	"	
Bromoform	ND	1.0	"	"	"	"	"	"	
Bromomethane	ND	1.0	"	"	"	"	"	"	
n-Butylbenzene	ND	1.0	"	"	"	"	"	"	
sec-Butylbenzene	ND	1.0	"	"	"	"	"	"	
tert-Butylbenzene	ND	1.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.50	"	"	"	"	"	"	
Chlorobenzene	ND	1.0	"	"	"	"	"	"	
Chloroethane	ND	1.0	"	"	"	"	"	"	
Chloroform	ND	1.0	"	"	"	"	"	"	
Chloromethane	ND	1.0	"	"	"	"	"	"	
2-Chlorotoluene	ND	1.0	"	"	"	"	"	"	
4-Chlorotoluene	ND	1.0	"	"	"	"	"	"	
Dibromochloromethane	ND	1.0	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	1.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	1.0	"	"	"	"	"	"	
Dibromomethane	ND	1.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.50	"	"	"	"	"	"	
1,1-Dichloroethane	ND	1.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
1,1-Dichloroethene	ND	1.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	**2.9**	1.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	1.0	"	"	"	"	"	"	

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.

Wendy Hsiao

Wendy Hsiao For Daniel Chavez, 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

Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	09/02/11 17:14

LL_MW702_083011_01

T111189-03 (Water)

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	1.0	ug/l	1	1083112	08/31/11	08/31/11	EPA 8260B	
2,2-Dichloropropane	ND	1.0	"	"	"	"	"	"	
1,1-Dichloropropene	ND	1.0	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	
Hexachlorobutadiene	ND	1.0	"	"	"	"	"	"	
Isopropylbenzene	ND	1.0	"	"	"	"	"	"	
p-Isopropyltoluene	ND	1.0	"	"	"	"	"	"	
Methylene chloride	ND	1.0	"	"	"	"	"	"	
Naphthalene	ND	1.0	"	"	"	"	"	"	
n-Propylbenzene	ND	1.0	"	"	"	"	"	"	
Styrene	ND	1.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	1.0	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	1.0	"	"	"	"	"	"	
Tetrachloroethene	ND	1.0	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	1.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	1.0	"	"	"	"	"	"	
Trichloroethene	ND	1.0	"	"	"	"	"	"	
Trichlorofluoromethane	ND	1.0	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	1.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	1.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	1.0	"	"	"	"	"	"	
Vinyl chloride	**1.1**	1.0	"	"	"	"	"	"	
Benzene	**15**	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	**59**	10	"	"	"	"	"	"	

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.

Wendy Hsiao

Wendy Hsiao For Daniel Chavez, 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

Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	09/02/11 17:14

LL_MW702_083011_01

T111189-03 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Volatile Organic Compounds by EPA Method 8260B									
Di-isopropyl ether	ND	2.0	ug/l	1	1083112	08/31/11	08/31/11	EPA 8260B	
Ethyl tert-butyl ether	ND	2.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	1.0	"	"	"	"	"	"	
1,1,2-trichloro-1,2,2-trifluoroethane (CFC 113)	ND	5.0	"	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*93.4 %*	*77.1-110*		"	"	"	"	
Surrogate: Dibromofluoromethane		*97.8 %*	*66.3-111*		"	"	"	"	
Surrogate: Toluene-d8		*94.5 %*	*84.7-109*		"	"	"	"	

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.

Wendy Hsiao

Wendy Hsiao For Daniel Chavez, 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

Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	09/02/11 17:14

LL_MW703_083011_01

T111189-04 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Purgeable Petroleum Hydrocarbons by EPA 8015C									
C6-C12 (GRO)	**2100**	50	ug/l	1	1083113	08/31/11	08/31/11	EPA 8015C	
Surrogate: 4-Bromofluorobenzene		*102 %*	*72.6-146*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B									
Bromobenzene	ND	1.0	ug/l	1	1083112	08/31/11	08/31/11	EPA 8260B	
Bromochloromethane	ND	1.0	"	"	"	"	"	"	
Bromodichloromethane	ND	1.0	"	"	"	"	"	"	
Bromoform	ND	1.0	"	"	"	"	"	"	
Bromomethane	ND	1.0	"	"	"	"	"	"	
n-Butylbenzene	ND	1.0	"	"	"	"	"	"	
sec-Butylbenzene	**1.1**	1.0	"	"	"	"	"	"	
tert-Butylbenzene	ND	1.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.50	"	"	"	"	"	"	
Chlorobenzene	ND	1.0	"	"	"	"	"	"	
Chloroethane	ND	1.0	"	"	"	"	"	"	
Chloroform	ND	1.0	"	"	"	"	"	"	
Chloromethane	ND	1.0	"	"	"	"	"	"	
2-Chlorotoluene	ND	1.0	"	"	"	"	"	"	
4-Chlorotoluene	ND	1.0	"	"	"	"	"	"	
Dibromochloromethane	ND	1.0	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	1.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	1.0	"	"	"	"	"	"	
Dibromomethane	ND	1.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.50	"	"	"	"	"	"	
1,1-Dichloroethane	ND	1.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
1,1-Dichloroethene	ND	1.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	**8.7**	1.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	1.0	"	"	"	"	"	"	

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.

Wendy Hsiao

Wendy Hsiao For Daniel Chavez, 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

Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	09/02/11 17:14

LL_MW703_083011_01

T111189-04 (Water)

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	1.0	ug/l	1	1083112	08/31/11	08/31/11	EPA 8260B	
2,2-Dichloropropane	ND	1.0	"	"	"	"	"	"	
1,1-Dichloropropene	ND	1.0	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	
Hexachlorobutadiene	ND	1.0	"	"	"	"	"	"	
Isopropylbenzene	**4.8**	1.0	"	"	"	"	"	"	
p-Isopropyltoluene	**1.1**	1.0	"	"	"	"	"	"	
Methylene chloride	ND	1.0	"	"	"	"	"	"	
Naphthalene	ND	1.0	"	"	"	"	"	"	
n-Propylbenzene	**7.6**	1.0	"	"	"	"	"	"	
Styrene	ND	1.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	1.0	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	1.0	"	"	"	"	"	"	
Tetrachloroethene	ND	1.0	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	1.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	1.0	"	"	"	"	"	"	
Trichloroethene	**1.1**	1.0	"	"	"	"	"	"	
Trichlorofluoromethane	ND	1.0	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	1.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	**1.1**	1.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	**2.4**	1.0	"	"	"	"	"	"	
Vinyl chloride	**1.3**	1.0	"	"	"	"	"	"	
Benzene	**170**	0.50	"	"	"	"	"	"	
Toluene	**3.4**	0.50	"	"	"	"	"	"	
Ethylbenzene	**20**	0.50	"	"	"	"	"	"	
m,p-Xylene	**8.5**	1.0	"	"	"	"	"	"	
o-Xylene	ND	0.50	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	2.0	"	"	"	"	"	"	
Tert-butyl alcohol	**50**	10	"	"	"	"	"	"	
Di-isopropyl ether	ND	2.0	"	"	"	"	"	"	

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.

Wendy Hsiao

Wendy Hsiao For Daniel Chavez, 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

Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	09/02/11 17:14

LL_MW703_083011_01

T111189-04 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Volatile Organic Compounds by EPA Method 8260B									
Ethyl tert-butyl ether	ND	2.0	ug/l	1	1083112	08/31/11	08/31/11	EPA 8260B	
Methyl tert-butyl ether	**3.3**	1.0	"	"	"	"	"	"	
1,1,2-trichloro-1,2,2-trifluoroethane (CFC 113)	ND	5.0	"	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*108 %*		*77.1-110*	"	"	"	"	
Surrogate: Dibromofluoromethane		*102 %*		*66.3-111*	"	"	"	"	
Surrogate: Toluene-d8		*98.4 %*		*84.7-109*	"	"	"	"	

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.

Wendy Hsiao

Wendy Hsiao For Daniel Chavez, 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

Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	09/02/11 17:14

Purgeable Petroleum Hydrocarbons by EPA 8015C - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1083113 - EPA 5030 GC										
Blank (1083113-BLK1)				Prepared & Analyzed: 08/31/11						
C6-C12 (GRO)	ND	50	ug/l							
Surrogate 4-Bromofluorobenzene	*106*		*"*	*100*		*106*	*72.6-146*			
LCS (1083113-BS1)				Prepared & Analyzed: 08/31/11						
C6-C12 (GRO)	6120	50	ug/l	5500		111	75-125			
Surrogate 4-Bromofluorobenzene	*97.0*		*"*	*100*		*97.0*	*72.6-146*			
Matrix Spike (1083113-MS1)		**Source: T111189-01**		Prepared & Analyzed: 08/31/11						
C6-C12 (GRO)	6450	50	ug/l	5500	194	114	65-135			
Surrogate 4-Bromofluorobenzene	*103*		*"*	*100*		*103*	*72.6-146*			
Matrix Spike Dup (1083113-MSD1)		**Source: T111189-01**		Prepared & Analyzed: 08/31/11						
C6-C12 (GRO)	6260	50	ug/l	5500	194	110	65-135	3.00	20	
Surrogate 4-Bromofluorobenzene	*102*		*"*	*100*		*102*	*72.6-146*			

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.

Wendy Hsiao

Wendy Hsiao For Daniel Chavez, 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

Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	09/02/11 17:14

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 1083112 - EPA 5030 GCMS										
Blank (1083112-BLK1)				Prepared & Analyzed: 08/31/11						
Bromobenzene	ND	1.0	ug/l							
Bromochloromethane	ND	1.0	"							
Bromodichloromethane	ND	1.0	"							
Bromoform	ND	1.0	"							
Bromomethane	ND	1.0	"							
n-Butylbenzene	ND	1.0	"							
sec-Butylbenzene	ND	1.0	"							
tert-Butylbenzene	ND	1.0	"							
Carbon tetrachloride	ND	0.25	"							
Chlorobenzene	ND	1.0	"							
Chloroethane	ND	1.0	"							
Chloroform	ND	1.0	"							
Chloromethane	ND	1.0	"							
2-Chlorotoluene	ND	1.0	"							
4-Chlorotoluene	ND	1.0	"							
Dibromochloromethane	ND	1.0	"							
1,2-Dibromo-3-chloropropane	ND	1.0	"							
1,2-Dibromoethane (EDB)	ND	1.0	"							
Dibromomethane	ND	0.56	"							
1,2-Dichlorobenzene	ND	1.0	"							
1,3-Dichlorobenzene	ND	1.0	"							
1,4-Dichlorobenzene	ND	1.0	"							
Dichlorodifluoromethane	ND	0.50	"							
1,1-Dichloroethane	ND	1.0	"							
1,2-Dichloroethane	ND	0.50	"							
1,1-Dichloroethene	ND	0.074	"							
cis-1,2-Dichloroethene	ND	1.0	"							
trans-1,2-Dichloroethene	ND	1.0	"							
1,2-Dichloropropane	ND	1.0	"							
1,3-Dichloropropane	ND	1.0	"							
2,2-Dichloropropane	ND	1.0	"							
1,1-Dichloropropene	ND	1.0	"							
cis-1,3-Dichloropropene	ND	0.50	"							
trans-1,3-Dichloropropene	ND	0.50	"							
Hexachlorobutadiene	ND	1.0	"							
Isopropylbenzene	ND	1.0	"							

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.

Wendy Hsiao

Wendy Hsiao For Daniel Chavez, 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

Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	09/02/11 17:14

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 1083112 - EPA 5030 GCMS										
Blank (1083112-BLK1)				Prepared & Analyzed: 08/31/11						
p-Isopropyltoluene	ND	1.0	ug/l							
Methylene chloride	ND	1.0	"							
Naphthalene	ND	1.0	"							
n-Propylbenzene	ND	1.0	"							
Styrene	ND	1.0	"							
1,1,2,2-Tetrachloroethane	ND	1.0	"							
1,1,1,2-Tetrachloroethane	ND	1.0	"							
Tetrachloroethene	ND	0.80	"							
1,2,3-Trichlorobenzene	ND	1.0	"							
1,2,4-Trichlorobenzene	ND	1.0	"							
1,1,2-Trichloroethane	ND	1.0	"							
1,1,1-Trichloroethane	ND	1.0	"							
Trichloroethene	ND	1.0	"							
Trichlorofluoromethane	ND	1.0	"							
1,2,3-Trichloropropane	ND	1.0	"							
1,3,5-Trimethylbenzene	ND	1.0	"							
1,2,4-Trimethylbenzene	ND	1.0	"							
Vinyl chloride	ND	1.0	"							
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	"							
1,1,2-trichloro-1,2,2-trifluoroethane (CFC 113)	ND	5.0	"							
Surrogate 4-Bromofluorobenzene	*7.32*		*"*	*8.00*		*91.5*	*77.1-110*			
Surrogate Dibromofluoromethane	*7.10*		*"*	*8.00*		*88.8*	*66.3-111*			
Surrogate Toluene-d8	*7.55*		*"*	*8.00*		*94.4*	*84.7-109*			

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.

Wendy Hsiao

Wendy Hsiao For Daniel Chavez, 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

Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	09/02/11 17:14

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 1083112 - EPA 5030 GCMS										
LCS (1083112-BS1)				Prepared & Analyzed: 08/31/11						
Chlorobenzene	17.6	1.0	ug/l	20.0		88.2	75-125			
1,1-Dichloroethene	16.1	0.074	"	20.0		80.5	75-125			
Trichloroethene	19.2	1.0	"	20.0		96.0	75-125			
Benzene	17.3	0.50	"	20.0		86.4	75-125			
Toluene	18.3	0.50	"	20.0		91.6	75-125			
Surrogate 4-Bromofluorobenzene	*7.64*		*"*	*8.00*		*95.5*	*77.1-110*			
Surrogate Dibromofluoromethane	*7.63*		*"*	*8.00*		*95.4*	*66.3-111*			
Surrogate Toluene-d8	*7.79*		*"*	*8.00*		*97.4*	*84.7-109*			
Matrix Spike (1083112-MS1)		**Source: T111189-01**		Prepared & Analyzed: 08/31/11						
Chlorobenzene	17.5	1.0	ug/l	20.0	ND	87.6	75-125			
1,1-Dichloroethene	21.2	1.0	"	20.0	3.41	88.8	75-125			
Trichloroethene	29.2	1.0	"	20.0	13.9	76.3	75-125			
Benzene	18.8	0.50	"	20.0	2.47	81.8	75-125			
Toluene	18.5	0.50	"	20.0	ND	92.6	75-125			
Surrogate 4-Bromofluorobenzene	*8.08*		*"*	*8.00*		*101*	*77.1-110*			
Surrogate Dibromofluoromethane	*8.29*		*"*	*8.00*		*104*	*66.3-111*			
Surrogate Toluene-d8	*7.78*		*"*	*8.00*		*97.2*	*84.7-109*			
Matrix Spike Dup (1083112-MSD1)		**Source: T111189-01**		Prepared & Analyzed: 08/31/11						
Chlorobenzene	18.7	1.0	ug/l	20.0	ND	93.7	75-125	6.73	20	
1,1-Dichloroethene	20.5	1.0	"	20.0	3.41	85.6	75-125	3.02	20	
Trichloroethene	28.1	1.0	"	20.0	13.9	71.1	75-125	3.63	20	QM-07
Benzene	19.6	0.50	"	20.0	2.47	85.8	75-125	4.16	20	
Toluene	18.6	0.50	"	20.0	ND	92.8	75-125	0.270	20	
Surrogate 4-Bromofluorobenzene	*7.87*		*"*	*8.00*		*98.4*	*77.1-110*			
Surrogate Dibromofluoromethane	*8.11*		*"*	*8.00*		*101*	*66.3-111*			
Surrogate Toluene-d8	*7.69*		*"*	*8.00*		*96.1*	*84.7-109*			

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.

Wendy Hsiao

Wendy Hsiao For Daniel Chavez, 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

Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	09/02/11 17:14

Notes and Definitions

QM-07	The spike recovery and or RPD was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
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.
25712 Commercentre Dr
Lake Forest, CA 92630
949-297-5020

Chain of Custody Record

Client: MUREX
Address: 2640 Walnut Ave., Unit F Tustin, CA
Phone: (714) 508-0800 Fax: (714) 508-0880
Project Manager: Jeremy Squire

Date: 8-30-2011 Page: 1 Of 1
Project Name: CENCO
Collector: F. Sosic Client Project #: 1003-001-300
Batch #: T111189 EDF #:

Sample ID	Date Sampled	Time	Sample Type	Container Type	8260	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
LL_MW701_083011_01	8-30-2011	1000	GW	VOAs		X				X								01		6
LL_MW701_083011_02		1013				X				X								02		6
LL_MW702_083011_01		1136				X				X								03		6
LL_MW703_083011_01		1432				X				X								04		6

Relinquished by: (signature)	Date / Time	Received by: (signature)	Date / Time
F. Sosic	8-30-2011 1541	[illegible]	8/30/11 1541
Relinquished by: (signature)	Date / Time	Received by: (signature)	Date / Time
Relinquished by: (signature)	Date / Time	Received by: (signature)	Date / Time

Total # of containers	24
Chain of Custody seals Y/N/NA	N
Seals intact? Y/N/NA	N/A
Received good condition/cold	Y 3.4°

Notes

Turn around time:

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

COC 102666

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

SAMPLE RECEIVING REVIEW SHEET

BATCH # T111189

Client Name: MUREX

Project: CENCO

Received by: DAN

Date/Time Received: 8/30/11 1541

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 3.6 °C +/- the CF (- 0.2°C) = 3.4 °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 8/31/11

Comments:

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

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

07 September 2011

Jeremy Squire
Murex
2640 Walnut Ave. Unit F
Tustin, CA 92780

RE: Cenco

Enclosed are the results of analyses for samples received by the laboratory on 08/31/11 16:42. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Daniel Chavez
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

Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	09/07/11 13:48

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
LL_MW704_083111_01	T111194-01	Water	08/31/11 13:47	08/31/11 16:42
LL_MW705_083111_01	T111194-02	Water	08/31/11 14:45	08/31/11 16:42
LL_MW706_083111_01	T111194-03	Water	08/31/11 16:00	08/31/11 16:42

SunStar Laboratories, Inc.

Daniel J Chávez

Daniel Chavez, 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.
Providing Quality Analytical Services Nationwide

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

Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	09/07/11 13:48

LL_MW704_083111_01

T111194-01 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Purgeable Petroleum Hydrocarbons by EPA 8015C									
C6-C12 (GRO)	**11000**	50	ug/l	1	1090106	09/01/11	09/07/11	EPA 8015C	
Surrogate 4-Bromofluorobenzene		*112 %*	*72.6-146*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B									
Bromobenzene	ND	1.0	ug/l	1	1090105	09/01/11	09/01/11	EPA 8260B	
Bromochloromethane	ND	1.0	"	"	"	"	"	"	
Bromodichloromethane	ND	1.0	"	"	"	"	"	"	
Bromoform	ND	1.0	"	"	"	"	"	"	
Bromomethane	ND	1.0	"	"	"	"	"	"	
n-Butylbenzene	**5.1**	1.0	"	"	"	"	"	"	
sec-Butylbenzene	**7.6**	1.0	"	"	"	"	"	"	
tert-Butylbenzene	**1.0**	1.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.50	"	"	"	"	"	"	
Chlorobenzene	ND	1.0	"	"	"	"	"	"	
Chloroethane	ND	1.0	"	"	"	"	"	"	
Chloroform	ND	1.0	"	"	"	"	"	"	
Chloromethane	ND	1.0	"	"	"	"	"	"	
2-Chlorotoluene	ND	1.0	"	"	"	"	"	"	
4-Chlorotoluene	ND	1.0	"	"	"	"	"	"	
Dibromochloromethane	ND	1.0	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	1.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	1.0	"	"	"	"	"	"	
Dibromomethane	ND	1.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.50	"	"	"	"	"	"	
1,1-Dichloroethane	**3.5**	1.0	"	"	"	"	"	"	
1,2-Dichloroethane	**25**	0.50	"	"	"	"	"	"	
1,1-Dichloroethene	ND	1.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	**3.8**	1.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	

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.

Daniel Chavez, 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

Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	09/07/11 13:48

LL_MW704_083111_01

T111194-01 (Water)

SunStar Laboratories, Inc.

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
1,2-Dichloropropane	ND	1.0	ug/l	1	1090105	09/01/11	09/01/11	EPA 8260B	
1,3-Dichloropropane	ND	1.0	"	"	"	"	"	"	
2,2-Dichloropropane	ND	1.0	"	"	"	"	"	"	
1,1-Dichloropropene	ND	1.0	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	
Hexachlorobutadiene	ND	1.0	"	"	"	"	"	"	
Isopropylbenzene	**47**	1.0	"	"	"	"	"	"	
p-Isopropyltoluene	**7.9**	1.0	"	"	"	"	"	"	
Methylene chloride	ND	1.0	"	"	"	"	"	"	
Naphthalene	**58**	1.0	"	"	"	"	"	"	
n-Propylbenzene	**61**	1.0	"	"	"	"	"	"	
Styrene	ND	1.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	1.0	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	1.0	"	"	"	"	"	"	
Tetrachloroethene	ND	1.0	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	1.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	1.0	"	"	"	"	"	"	
Trichloroethene	ND	1.0	"	"	"	"	"	"	
Trichlorofluoromethane	ND	1.0	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	1.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	**170**	1.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	**410**	1.0	"	"	"	"	"	"	
Vinyl chloride	**1.5**	1.0	"	"	"	"	"	"	
Benzene	**570**	12	"	25	"	"	"	"	
Toluene	**600**	12	"	"	"	"	"	"	
Ethylbenzene	**300**	12	"	"	"	"	"	"	
m,p-Xylene	**540**	25	"	"	"	"	"	"	
o-Xylene	**180**	12	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	2.0	"	1	"	"	"	"	
Tert-butyl alcohol	**160**	10	"	"	"	"	"	"	

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.

Daniel Chavez, 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

Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	09/07/11 13:48

LL_MW704_083111_01

T111194-01 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Volatile Organic Compounds by EPA Method 8260B									
Di-isopropyl ether	ND	2.0	ug/l	1	1090105	09/01/11	09/01/11	EPA 8260B	
Ethyl tert-butyl ether	ND	2.0	"	"	"	"	"	"	
Methyl tert-butyl ether	**180**	25	"	25	"	"	"	"	
1,1,2-trichloro-1,2,2-trifluoroethane (CFC 113)	ND	5.0	"	1	"	"	"	"	
Surrogate 4-Bromofluorobenzene		*103 %*	*77.1-110*		"	"	"	"	
Surrogate Dibromofluoromethane		*103 %*	*66.3-111*		"	"	"	"	
Surrogate Toluene-d8		*97.6 %*	*84.7-109*		"	"	"	"	

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.

Daniel Chavez, 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

Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	09/07/11 13:48

LL_MW705_083111_01

T111194-02 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Purgeable Petroleum Hydrocarbons by EPA 8015C									
C6-C12 (GRO)	**1300**	50	ug/l	1	1090106	09/01/11	09/07/11	EPA 8015C	
Surrogate 4-Bromofluorobenzene		*113 %*	*72.6-146*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B									
Bromobenzene	ND	1.0	ug/l	1	1090105	09/01/11	09/01/11	EPA 8260B	
Bromochloromethane	ND	1.0	"	"	"	"	"	"	
Bromodichloromethane	ND	1.0	"	"	"	"	"	"	
Bromoform	ND	1.0	"	"	"	"	"	"	
Bromomethane	ND	1.0	"	"	"	"	"	"	
n-Butylbenzene	**1.5**	1.0	"	"	"	"	"	"	
sec-Butylbenzene	**6.3**	1.0	"	"	"	"	"	"	
tert-Butylbenzene	ND	1.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.50	"	"	"	"	"	"	
Chlorobenzene	ND	1.0	"	"	"	"	"	"	
Chloroethane	ND	1.0	"	"	"	"	"	"	
Chloroform	ND	1.0	"	"	"	"	"	"	
Chloromethane	ND	1.0	"	"	"	"	"	"	
2-Chlorotoluene	ND	1.0	"	"	"	"	"	"	
4-Chlorotoluene	ND	1.0	"	"	"	"	"	"	
Dibromochloromethane	ND	1.0	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	1.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	1.0	"	"	"	"	"	"	
Dibromomethane	ND	1.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.50	"	"	"	"	"	"	
1,1-Dichloroethane	ND	1.0	"	"	"	"	"	"	
1,2-Dichloroethane	**0.56**	0.50	"	"	"	"	"	"	
1,1-Dichloroethene	ND	1.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	**4.2**	1.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	1.0	"	"	"	"	"	"	

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.

Daniel Chavez, 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

Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	09/07/11 13:48

LL_MW705_083111_01

T111194-02 (Water)

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	1.0	ug/l	1	1090105	09/01/11	09/01/11	EPA 8260B	
2,2-Dichloropropane	ND	1.0	"	"	"	"	"	"	
1,1-Dichloropropene	ND	1.0	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	
Hexachlorobutadiene	ND	1.0	"	"	"	"	"	"	
Isopropylbenzene	**15**	1.0	"	"	"	"	"	"	
p-Isopropyltoluene	ND	1.0	"	"	"	"	"	"	
Methylene chloride	ND	1.0	"	"	"	"	"	"	
Naphthalene	ND	1.0	"	"	"	"	"	"	
n-Propylbenzene	**13**	1.0	"	"	"	"	"	"	
Styrene	ND	1.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	1.0	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	1.0	"	"	"	"	"	"	
Tetrachloroethene	ND	1.0	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	1.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	1.0	"	"	"	"	"	"	
Trichloroethene	ND	1.0	"	"	"	"	"	"	
Trichlorofluoromethane	ND	1.0	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	1.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	**1.3**	1.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	**1.9**	1.0	"	"	"	"	"	"	
Vinyl chloride	**1.2**	1.0	"	"	"	"	"	"	
Benzene	**79**	0.50	"	"	"	"	"	"	
Toluene	**1.4**	0.50	"	"	"	"	"	"	
Ethylbenzene	**3.3**	0.50	"	"	"	"	"	"	
m,p-Xylene	**2.3**	1.0	"	"	"	"	"	"	
o-Xylene	ND	0.50	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	2.0	"	"	"	"	"	"	
Tert-butyl alcohol	**66**	10	"	"	"	"	"	"	
Di-isopropyl ether	ND	2.0	"	"	"	"	"	"	

SunStar Laboratories, Inc.

Daniel J Chavez

Daniel Chavez, 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.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

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

Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	09/07/11 13:48

LL_MW705_083111_01

T111194-02 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Volatile Organic Compounds by EPA Method 8260B									
Ethyl tert-butyl ether	ND	2.0	ug/l	1	1090105	09/01/11	09/01/11	EPA 8260B	
Methyl tert-butyl ether	**13**	1.0	"	"	"	"	"	"	
1,1,2-trichloro-1,2,2-trifluoroethane (CFC 113)	ND	5.0	"	"	"	"	"	"	
Surrogate 4-Bromofluorobenzene		*105 %*	*77.1-110*		"	"	"	"	
Surrogate Dibromofluoromethane		*98.4 %*	*66.3-111*		"	"	"	"	
Surrogate Toluene-d8		*99.6 %*	*84.7-109*		"	"	"	"	

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.

Daniel Chavez, 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

Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	09/07/11 13:48

LL_MW706_083111_01

T111194-03 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Purgeable Petroleum Hydrocarbons by EPA 8015C									
C6-C12 (GRO)	**1100**	50	ug/l	1	1090106	09/01/11	09/07/11	EPA 8015C	
Surrogate 4-Bromofluorobenzene		*122 %*	*72.6-146*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B									
Bromobenzene	ND	1.0	ug/l	1	1090105	09/01/11	09/01/11	EPA 8260B	
Bromochloromethane	ND	1.0	"	"	"	"	"	"	
Bromodichloromethane	ND	1.0	"	"	"	"	"	"	
Bromoform	ND	1.0	"	"	"	"	"	"	
Bromomethane	ND	1.0	"	"	"	"	"	"	
n-Butylbenzene	ND	1.0	"	"	"	"	"	"	
sec-Butylbenzene	ND	1.0	"	"	"	"	"	"	
tert-Butylbenzene	ND	1.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.50	"	"	"	"	"	"	
Chlorobenzene	ND	1.0	"	"	"	"	"	"	
Chloroethane	ND	1.0	"	"	"	"	"	"	
Chloroform	ND	1.0	"	"	"	"	"	"	
Chloromethane	ND	1.0	"	"	"	"	"	"	
2-Chlorotoluene	ND	1.0	"	"	"	"	"	"	
4-Chlorotoluene	ND	1.0	"	"	"	"	"	"	
Dibromochloromethane	ND	1.0	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	1.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	1.0	"	"	"	"	"	"	
Dibromomethane	ND	1.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.50	"	"	"	"	"	"	
1,1-Dichloroethane	ND	1.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
1,1-Dichloroethene	ND	1.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	**4.3**	1.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	1.0	"	"	"	"	"	"	

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.

Daniel Chavez, 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

Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	09/07/11 13:48

LL_MW706_083111_01

T111194-03 (Water)

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	1.0	ug/l	1	1090105	09/01/11	09/01/11	EPA 8260B	
2,2-Dichloropropane	ND	1.0	"	"	"	"	"	"	
1,1-Dichloropropene	ND	1.0	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	
Hexachlorobutadiene	ND	1.0	"	"	"	"	"	"	
Isopropylbenzene	**1.6**	1.0	"	"	"	"	"	"	
p-Isopropyltoluene	ND	1.0	"	"	"	"	"	"	
Methylene chloride	ND	1.0	"	"	"	"	"	"	
Naphthalene	ND	1.0	"	"	"	"	"	"	
n-Propylbenzene	**1.4**	1.0	"	"	"	"	"	"	
Styrene	ND	1.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	1.0	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	1.0	"	"	"	"	"	"	
Tetrachloroethene	ND	1.0	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	1.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	1.0	"	"	"	"	"	"	
Trichloroethene	ND	1.0	"	"	"	"	"	"	
Trichlorofluoromethane	ND	1.0	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	1.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	1.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	1.0	"	"	"	"	"	"	
Vinyl chloride	**1.9**	1.0	"	"	"	"	"	"	
Benzene	**25**	0.50	"	"	"	"	"	"	
Toluene	**0.86**	0.50	"	"	"	"	"	"	
Ethylbenzene	**0.65**	0.50	"	"	"	"	"	"	
m,p-Xylene	**1.9**	1.0	"	"	"	"	"	"	
o-Xylene	ND	0.50	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	2.0	"	"	"	"	"	"	
Tert-butyl alcohol	**54**	10	"	"	"	"	"	"	

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.

Daniel Chavez, 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

Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	09/07/11 13:48

LL_MW706_083111_01

T111194-03 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Volatile Organic Compounds by EPA Method 8260B									
Di-isopropyl ether	ND	2.0	ug/l	1	1090105	09/01/11	09/01/11	EPA 8260B	
Ethyl tert-butyl ether	ND	2.0	"	"	"	"	"	"	
Methyl tert-butyl ether	**5.4**	1.0	"	"	"	"	"	"	
1,1,2-trichloro-1,2,2-trifluoroethane (CFC 113)	ND	5.0	"	"	"	"	"	"	
Surrogate 4-Bromofluorobenzene		*109 %*	*77.1-110*		"	"	"	"	
Surrogate Dibromofluoromethane		*97.5 %*	*66.3-111*		"	"	"	"	
Surrogate Toluene-d8		*98.9 %*	*84.7-109*		"	"	"	"	

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.

Daniel Chavez, 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

Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	09/07/11 13:48

Purgeable Petroleum Hydrocarbons by EPA 8015C - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1090106 - EPA 5030 GC										
Blank (1090106-BLK1)				Prepared: 09/01/11	Analyzed: 09/07/11					
C6-C12 (GRO)	ND	50	ug/l							
Surrogate 4-Bromofluorobenzene	*118*		*"*	*100*		*118*	*72.6-146*			
LCS (1090106-BS1)				Prepared: 09/01/11	Analyzed: 09/07/11					
C6-C12 (GRO)	6440	50	ug/l	5500		117	75-125			
Surrogate 4-Bromofluorobenzene	*115*		*"*	*100*		*115*	*72.6-146*			
LCS Dup (1090106-BSD1)				Prepared: 09/01/11	Analyzed: 09/07/11					
C6-C12 (GRO)	6320	50	ug/l	5500		115	75-125	1.85	20	
Surrogate 4-Bromofluorobenzene	*114*		*"*	*100*		*114*	*72.6-146*			

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.

Daniel Chavez, 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

Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	09/07/11 13:48

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 1090105 - EPA 5030 GCMS										
Blank (1090105-BLK1)				Prepared & Analyzed: 09/01/11						
Bromobenzene	ND	1.0	ug/l							
Bromochloromethane	ND	1.0	"							
Bromodichloromethane	ND	1.0	"							
Bromoform	ND	1.0	"							
Bromomethane	ND	1.0	"							
n-Butylbenzene	ND	1.0	"							
sec-Butylbenzene	ND	1.0	"							
tert-Butylbenzene	ND	1.0	"							
Carbon tetrachloride	ND	0.50	"							
Chlorobenzene	ND	1.0	"							
Chloroethane	ND	1.0	"							
Chloroform	ND	1.0	"							
Chloromethane	ND	1.0	"							
2-Chlorotoluene	ND	1.0	"							
4-Chlorotoluene	ND	1.0	"							
Dibromochloromethane	ND	1.0	"							
1,2-Dibromo-3-chloropropane	ND	1.0	"							
1,2-Dibromoethane (EDB)	ND	1.0	"							
Dibromomethane	ND	1.0	"							
1,2-Dichlorobenzene	ND	1.0	"							
1,3-Dichlorobenzene	ND	1.0	"							
1,4-Dichlorobenzene	ND	1.0	"							
Dichlorodifluoromethane	ND	0.50	"							
1,1-Dichloroethane	ND	1.0	"							
1,2-Dichloroethane	ND	0.50	"							
1,1-Dichloroethene	ND	1.0	"							
cis-1,2-Dichloroethene	ND	1.0	"							
trans-1,2-Dichloroethene	ND	1.0	"							
1,2-Dichloropropane	ND	1.0	"							
1,3-Dichloropropane	ND	1.0	"							
2,2-Dichloropropane	ND	1.0	"							
1,1-Dichloropropene	ND	1.0	"							
cis-1,3-Dichloropropene	ND	0.50	"							
trans-1,3-Dichloropropene	ND	0.50	"							
Hexachlorobutadiene	ND	1.0	"							
Isopropylbenzene	ND	1.0	"							

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.

Daniel Chavez, 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

Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	09/07/11 13:48

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 1090105 - EPA 5030 GCMS										
Blank (1090105-BLK1)				Prepared & Analyzed: 09/01/11						
p-Isopropyltoluene	ND	1.0	ug/l							
Methylene chloride	ND	1.0	"							
Naphthalene	ND	1.0	"							
n-Propylbenzene	ND	1.0	"							
Styrene	ND	1.0	"							
1,1,2,2-Tetrachloroethane	ND	1.0	"							
1,1,1,2-Tetrachloroethane	ND	1.0	"							
Tetrachloroethene	ND	1.0	"							
1,2,3-Trichlorobenzene	ND	1.0	"							
1,2,4-Trichlorobenzene	ND	1.0	"							
1,1,2-Trichloroethane	ND	1.0	"							
1,1,1-Trichloroethane	ND	1.0	"							
Trichloroethene	ND	1.0	"							
Trichlorofluoromethane	ND	1.0	"							
1,2,3-Trichloropropane	ND	1.0	"							
1,3,5-Trimethylbenzene	ND	1.0	"							
1,2,4-Trimethylbenzene	ND	1.0	"							
Vinyl chloride	ND	1.0	"							
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	"							
1,1,2-trichloro-1,2,2-trifluoroethane (CFC 113)	ND	5.0	"							
Surrogate 4-Bromofluorobenzene	*8.74*		*"*	*8.00*		*109*	*77.1-110*			
Surrogate Dibromofluoromethane	*8.07*		*"*	*8.00*		*101*	*66.3-111*			
Surrogate Toluene-d8	*7.78*		*"*	*8.00*		*97.2*	*84.7-109*			

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.

Daniel Chavez, 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

Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	09/07/11 13:48

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 1090105 - EPA 5030 GCMS										
LCS (1090105-BS1)				Prepared & Analyzed: 09/01/11						
Chlorobenzene	20 9	1.0	ug/l	20.0		104	75-125			
1,1-Dichloroethene	19 5	1.0	"	20.0		97.6	75-125			
Trichloroethene	20 3	1.0	"	20.0		101	75-125			
Benzene	20 2	0.50	"	20.0		101	75-125			
Toluene	19 9	0.50	"	20.0		99.4	75-125			
Surrogate 4-Bromofluorobenzene	*7.96*		*"*	*8.00*		*99.5*	*77.1-110*			
Surrogate Dibromofluoromethane	*7.27*		*"*	*8.00*		*90.9*	*66.3-111*			
Surrogate Toluene-d8	*7.57*		*"*	*8.00*		*94.6*	*84.7-109*			
LCS Dup (1090105-BSD1)				Prepared & Analyzed: 09/01/11						
Chlorobenzene	21 2	1.0	ug/l	20.0		106	75-125	1.43	20	
1,1-Dichloroethene	21 5	1.0	"	20.0		108	75-125	9.89	20	
Trichloroethene	20.6	1.0	"	20.0		103	75-125	1.86	20	
Benzene	20.6	0.50	"	20.0		103	75-125	2.01	20	
Toluene	21 1	0.50	"	20.0		106	75-125	6.00	20	
Surrogate 4-Bromofluorobenzene	*8.37*		*"*	*8.00*		*105*	*77.1-110*			
Surrogate Dibromofluoromethane	*8.00*		*"*	*8.00*		*100*	*66.3-111*			
Surrogate Toluene-d8	*7.88*		*"*	*8.00*		*98.5*	*84.7-109*			

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.

Daniel Chavez, 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

Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	09/07/11 13:48

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.

Daniel Chavez, Project Manager

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

Chain of Custody Record

Client: MUREX
Address: 2640 Walnut Ave, Unit F Tustin, CA
Phone: (714) 508-0800 Fax: (714) 508-0880
Project Manager:

Date: 8.31.2011 Page: 1 Of 1
Project Name: CENCO
Collector: F. Sosic Client Project #: 1003-001-300
Batch #: T111194 EDF #:

Sample ID	Date Sampled	Time	Sample Type	Container Type	8260	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
LL_MW704_083111_01	8.31.2011	1347	GW	VOAs		X				X								01		6
LL_MW705_083111_01		1445				X				X								02		6
LL_MW706_083111_01		1600				X				X								03		6

Relinquished by: (signature)	Date / Time	Received by: (signature)	Date / Time
F. Sosic	8.31.2011 1642		8/31/11 1642
Relinquished by: (signature)	Date / Time	Received by: (signature)	Date / Time
Relinquished by: (signature)	Date / Time	Received by: (signature)	Date / Time

Total # of containers	18
Chain of Custody seals Y/N/NA	N
Seals intact? Y/N/NA	N/A
Received good condition/cold	Y 5.4°

Turn around time:

Notes

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

COC 101461

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

SAMPLE RECEIVING REVIEW SHEET

BATCH # T111194

Client Name: Murex

Project: Cenco

Received by: Dan M

Date/Time Received: 8/31/11 1642

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 5.6 °C +/- the CF (- 0.2°C) = 5.4 °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 9/1/11

Comments:

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 2011

Jeremy Squire
Murex
2640 Walnut Ave. Unit F
Tustin, CA 92780

RE: Cenco

Enclosed are the results of analyses for samples received by the laboratory on 09/01/11 15:47. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Daniel Chavez
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

Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	09/09/11 11:18

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
LL_MW704_090111_01	T111199-01	Water	09/01/11 10:50	09/01/11 15:47
LL_MW708_090111_01	T111199-02	Water	09/01/11 12:00	09/01/11 15:47
LL_MW709_090111_01	T111199-03	Water	09/01/11 14:30	09/01/11 15:47
LL_W8_090111_01	T111199-04	Water	09/01/11 15:00	09/01/11 15:47
LL_W10_090111_01	T111199-05	Water	09/01/11 15:35	09/01/11 15:47

SunStar Laboratories, Inc.

Daniel J Chávez

Daniel Chavez, 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.
Providing Quality Analytical Services Nationwide

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

Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	09/09/11 11:18

LL_MW704_090111_01
T111199-01 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Purgeable Petroleum Hydrocarbons by EPA 8015C									
C6-C12 (GRO)	**2200**	50	ug/l	1	1090206	09/02/11	09/02/11	EPA 8015C	
Surrogate 4-Bromofluorobenzene		*107 %*	*72.6-146*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B									
Bromobenzene	ND	1.0	ug/l	1	1090205	09/02/11	09/02/11	EPA 8260B	
Bromochloromethane	ND	1.0	"	"	"	"	"	"	
Bromodichloromethane	ND	1.0	"	"	"	"	"	"	
Bromoform	ND	1.0	"	"	"	"	"	"	
Bromomethane	ND	1.0	"	"	"	"	"	"	
n-Butylbenzene	**1.5**	1.0	"	"	"	"	"	"	
sec-Butylbenzene	**13**	1.0	"	"	"	"	"	"	
tert-Butylbenzene	**1.4**	1.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.50	"	"	"	"	"	"	
Chlorobenzene	ND	1.0	"	"	"	"	"	"	
Chloroethane	ND	1.0	"	"	"	"	"	"	
Chloroform	ND	1.0	"	"	"	"	"	"	
Chloromethane	ND	1.0	"	"	"	"	"	"	
2-Chlorotoluene	ND	1.0	"	"	"	"	"	"	
4-Chlorotoluene	ND	1.0	"	"	"	"	"	"	
Dibromochloromethane	ND	1.0	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	1.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	1.0	"	"	"	"	"	"	
Dibromomethane	ND	1.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.50	"	"	"	"	"	"	
1,1-Dichloroethane	ND	1.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
1,1-Dichloroethene	ND	1.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	**6.6**	1.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	

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.

Daniel Chavez, 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

Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	09/09/11 11:18

LL_MW704_090111_01

T111199-01 (Water)

SunStar Laboratories, Inc.

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
1,2-Dichloropropane	ND	1.0	ug/l	1	1090205	09/02/11	09/02/11	EPA 8260B	
1,3-Dichloropropane	ND	1.0	"	"	"	"	"	"	
2,2-Dichloropropane	ND	1.0	"	"	"	"	"	"	
1,1-Dichloropropene	ND	1.0	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	
Hexachlorobutadiene	ND	1.0	"	"	"	"	"	"	
Isopropylbenzene	**12**	1.0	"	"	"	"	"	"	
p-Isopropyltoluene	ND	1.0	"	"	"	"	"	"	
Methylene chloride	ND	1.0	"	"	"	"	"	"	
Naphthalene	**87**	1.0	"	"	"	"	"	"	
n-Propylbenzene	**23**	1.0	"	"	"	"	"	"	
Styrene	ND	1.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	1.0	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	1.0	"	"	"	"	"	"	
Tetrachloroethene	ND	1.0	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	1.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	1.0	"	"	"	"	"	"	
Trichloroethene	ND	1.0	"	"	"	"	"	"	
Trichlorofluoromethane	ND	1.0	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	1.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	**35**	1.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	**160**	1.0	"	"	"	"	"	"	
Vinyl chloride	**4.6**	1.0	"	"	"	"	"	"	
Benzene	**1200**	25	"	50	"	"	"	"	
Toluene	**95**	0.50	"	1	"	"	"	"	
Ethylbenzene	**92**	0.50	"	"	"	"	"	"	
m,p-Xylene	**1500**	50	"	50	"	"	"	"	
o-Xylene	**170**	0.50	"	1	"	"	"	"	
Tert-amyl methyl ether	ND	2.0	"	"	"	"	"	"	
Tert-butyl alcohol	**46**	10	"	"	"	"	"	"	

SunStar Laboratories, Inc.

Daniel J Chavez

Daniel Chavez, 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.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

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

Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	09/09/11 11:18

LL_MW704_090111_01

T111199-01 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Volatile Organic Compounds by EPA Method 8260B									
Di-isopropyl ether	ND	2.0	ug/l	1	1090205	09/02/11	09/02/11	EPA 8260B	
Ethyl tert-butyl ether	ND	2.0	"	"	"	"	"	"	
Methyl tert-butyl ether	**17**	1.0	"	"	"	"	"	"	
1,1,2-trichloro-1,2,2-trifluoroethane (CFC 113)	ND	5.0	"	"	"	"	"	"	
Surrogate 4-Bromofluorobenzene		*94.0 %*		*77.1-110*	"	"	"	"	
Surrogate Dibromofluoromethane		*102 %*		*66.3-111*	"	"	"	"	
Surrogate Toluene-d8		*101 %*		*84.7-109*	"	"	"	"	

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.

Daniel Chavez, 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

Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	09/09/11 11:18

LL_MW708_090111_01

T111199-02 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Purgeable Petroleum Hydrocarbons by EPA 8015C									
C6-C12 (GRO)	**38000**	5000	ug/l	100	1090206	09/02/11	09/02/11	EPA 8015C	
Surrogate 4-Bromofluorobenzene		*109 %*	*72.6-146*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B									
Bromobenzene	ND	1.0	ug/l	1	1090205	09/02/11	09/03/11	EPA 8260B	
Bromochloromethane	ND	1.0	"	"	"	"	"	"	
Bromodichloromethane	ND	1.0	"	"	"	"	"	"	
Bromoform	ND	1.0	"	"	"	"	"	"	
Bromomethane	ND	1.0	"	"	"	"	"	"	
n-Butylbenzene	**23**	1.0	"	"	"	"	"	"	
sec-Butylbenzene	ND	1.0	"	"	"	"	"	"	
tert-Butylbenzene	**2.4**	1.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.50	"	"	"	"	"	"	
Chlorobenzene	ND	1.0	"	"	"	"	"	"	
Chloroethane	ND	1.0	"	"	"	"	"	"	
Chloroform	ND	1.0	"	"	"	"	"	"	
Chloromethane	ND	1.0	"	"	"	"	"	"	
2-Chlorotoluene	ND	1.0	"	"	"	"	"	"	
4-Chlorotoluene	ND	1.0	"	"	"	"	"	"	
Dibromochloromethane	ND	1.0	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	1.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	1.0	"	"	"	"	"	"	
Dibromomethane	ND	1.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.50	"	"	"	"	"	"	
1,1-Dichloroethane	ND	1.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
1,1-Dichloroethene	ND	1.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	1.0	"	"	"	"	"	"	

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.

Daniel Chavez, 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

Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	09/09/11 11:18

LL_MW708_090111_01

T111199-02 (Water)

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	1.0	ug/l	1	1090205	09/02/11	09/03/11	EPA 8260B	
2,2-Dichloropropane	ND	1.0	"	"	"	"	"	"	
1,1-Dichloropropene	ND	1.0	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	
Hexachlorobutadiene	ND	1.0	"	"	"	"	"	"	
Isopropylbenzene	**120**	1.0	"	"	"	"	"	"	
p-Isopropyltoluene	**19**	1.0	"	"	"	"	"	"	
Methylene chloride	ND	1.0	"	"	"	"	"	"	
Naphthalene	**150**	50	"	50	"	"	"	"	
n-Propylbenzene	**230**	1.0	"	1	"	"	"	"	
Styrene	**1.3**	1.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	1.0	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	1.0	"	"	"	"	"	"	
Tetrachloroethene	ND	1.0	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	1.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	1.0	"	"	"	"	"	"	
Trichloroethene	ND	1.0	"	"	"	"	"	"	
Trichlorofluoromethane	ND	1.0	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	1.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	**430**	1.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	**440**	1.0	"	"	"	"	"	"	
Vinyl chloride	ND	1.0	"	"	"	"	"	"	
Benzene	**1900**	25	"	50	"	"	"	"	
Toluene	**230**	25	"	"	"	"	"	"	
Ethylbenzene	**1200**	25	"	"	"	"	"	"	
m,p-Xylene	**2200**	50	"	"	"	"	"	"	
o-Xylene	**54**	0.50	"	1	"	"	"	"	
Tert-amyl methyl ether	ND	2.0	"	"	"	"	"	"	
Tert-butyl alcohol	**2500**	500	"	50	"	"	"	"	
Di-isopropyl ether	ND	2.0	"	1	"	"	"	"	

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.

Daniel Chavez, 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

Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	09/09/11 11:18

LL_MW708_090111_01

T111199-02 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Volatile Organic Compounds by EPA Method 8260B									
Ethyl tert-butyl ether	ND	2.0	ug/l	1	1090205	09/02/11	09/03/11	EPA 8260B	
Methyl tert-butyl ether	**2300**	50	"	50	"	"	"	"	
1,1,2-trichloro-1,2,2-trifluoroethane (CFC 113)	ND	5.0	"	1	"	"	"	"	
Surrogate 4-Bromofluorobenzene		*96.5 %*		*77.1-110*	"	"	"	"	
Surrogate Dibromofluoromethane		*105 %*		*66.3-111*	"	"	"	"	
Surrogate Toluene-d8		*98.6 %*		*84.7-109*	"	"	"	"	

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.

Daniel Chavez, 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

Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	09/09/11 11:18

LL_MW709_090111_01

T111199-03 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Purgeable Petroleum Hydrocarbons by EPA 8015C									
C6-C12 (GRO)	**9900**	50	ug/l	1	1090206	09/02/11	09/02/11	EPA 8015C	
Surrogate 4-Bromofluorobenzene		*102 %*	*72.6-146*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B									
Bromobenzene	ND	1.0	ug/l	1	1090205	09/02/11	09/02/11	EPA 8260B	
Bromochloromethane	ND	1.0	"	"	"	"	"	"	
Bromodichloromethane	ND	1.0	"	"	"	"	"	"	
Bromoform	ND	1.0	"	"	"	"	"	"	
Bromomethane	ND	1.0	"	"	"	"	"	"	
n-Butylbenzene	**5.0**	1.0	"	"	"	"	"	"	
sec-Butylbenzene	**9.2**	1.0	"	"	"	"	"	"	
tert-Butylbenzene	**1.3**	1.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.50	"	"	"	"	"	"	
Chlorobenzene	ND	1.0	"	"	"	"	"	"	
Chloroethane	ND	1.0	"	"	"	"	"	"	
Chloroform	ND	1.0	"	"	"	"	"	"	
Chloromethane	ND	1.0	"	"	"	"	"	"	
2-Chlorotoluene	ND	1.0	"	"	"	"	"	"	
4-Chlorotoluene	ND	1.0	"	"	"	"	"	"	
Dibromochloromethane	ND	1.0	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	**3.7**	1.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	1.0	"	"	"	"	"	"	
Dibromomethane	ND	1.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.50	"	"	"	"	"	"	
1,1-Dichloroethane	ND	1.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
1,1-Dichloroethene	ND	1.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	1.0	"	"	"	"	"	"	

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.

Daniel Chavez, 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

Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	09/09/11 11:18

LL_MW709_090111_01

T111199-03 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Volatile Organic Compounds by EPA Method 8260B									
1,3-Dichloropropane	ND	1.0	ug/l	1	1090205	09/02/11	09/02/11	EPA 8260B	
2,2-Dichloropropane	ND	1.0	"	"	"	"	"	"	
1,1-Dichloropropene	ND	1.0	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	
Hexachlorobutadiene	ND	1.0	"	"	"	"	"	"	
Isopropylbenzene	**49**	1.0	"	"	"	"	"	"	
p-Isopropyltoluene	**1.4**	1.0	"	"	"	"	"	"	
Methylene chloride	ND	1.0	"	"	"	"	"	"	
Naphthalene	ND	1.0	"	"	"	"	"	"	
n-Propylbenzene	**55**	1.0	"	"	"	"	"	"	
Styrene	ND	1.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	1.0	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	1.0	"	"	"	"	"	"	
Tetrachloroethene	ND	1.0	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	**1.0**	1.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	1.0	"	"	"	"	"	"	
Trichloroethene	ND	1.0	"	"	"	"	"	"	
Trichlorofluoromethane	ND	1.0	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	1.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	**1.2**	1.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	**2.4**	1.0	"	"	"	"	"	"	
Vinyl chloride	ND	1.0	"	"	"	"	"	"	
Benzene	**1.1**	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	**0.91**	0.50	"	"	"	"	"	"	
m,p-Xylene	**4.6**	1.0	"	"	"	"	"	"	
o-Xylene	**1.2**	0.50	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	2.0	"	"	"	"	"	"	
Tert-butyl alcohol	**60**	10	"	"	"	"	"	"	
Di-isopropyl ether	ND	2.0	"	"	"	"	"	"	

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.

Daniel Chavez, 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

Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	09/09/11 11:18

LL_MW709_090111_01

T111199-03 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Volatile Organic Compounds by EPA Method 8260B									
Ethyl tert-butyl ether	ND	2.0	ug/l	1	1090205	09/02/11	09/02/11	EPA 8260B	
Methyl tert-butyl ether	**7.6**	1.0	"	"	"	"	"	"	
1,1,2-trichloro-1,2,2-trifluoroethane (CFC 113)	ND	5.0	"	"	"	"	"	"	
Surrogate 4-Bromofluorobenzene		*112 %*	*77.1-110*		"	"	"	"	*S-GC*
Surrogate Dibromofluoromethane		*103 %*	*66.3-111*		"	"	"	"	
Surrogate Toluene-d8		*96.5 %*	*84.7-109*		"	"	"	"	

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.

Daniel Chavez, 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

Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	09/09/11 11:18

LL_W8_090111_01

T111199-04 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Purgeable Petroleum Hydrocarbons by EPA 8015C									
C6-C12 (GRO)	**2000**	50	ug/l	1	1090206	09/02/11	09/02/11	EPA 8015C	
Surrogate 4-Bromofluorobenzene		*112 %*	*72.6-146*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B									
Bromobenzene	ND	1.0	ug/l	1	1090205	09/02/11	09/03/11	EPA 8260B	
Bromochloromethane	ND	1.0	"	"	"	"	"	"	
Bromodichloromethane	ND	1.0	"	"	"	"	"	"	
Bromoform	ND	1.0	"	"	"	"	"	"	
Bromomethane	ND	1.0	"	"	"	"	"	"	
n-Butylbenzene	ND	1.0	"	"	"	"	"	"	
sec-Butylbenzene	ND	1.0	"	"	"	"	"	"	
tert-Butylbenzene	ND	1.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.50	"	"	"	"	"	"	
Chlorobenzene	ND	1.0	"	"	"	"	"	"	
Chloroethane	ND	1.0	"	"	"	"	"	"	
Chloroform	ND	1.0	"	"	"	"	"	"	
Chloromethane	ND	1.0	"	"	"	"	"	"	
2-Chlorotoluene	ND	1.0	"	"	"	"	"	"	
4-Chlorotoluene	ND	1.0	"	"	"	"	"	"	
Dibromochloromethane	ND	1.0	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	1.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	1.0	"	"	"	"	"	"	
Dibromomethane	ND	1.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.50	"	"	"	"	"	"	
1,1-Dichloroethane	ND	1.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
1,1-Dichloroethene	ND	1.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	

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.

Daniel Chavez, 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

Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	09/09/11 11:18

LL_W8_090111_01

T111199-04 (Water)

SunStar Laboratories, Inc.

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
1,2-Dichloropropane	ND	1.0	ug/l	1	1090205	09/02/11	09/03/11	EPA 8260B	
1,3-Dichloropropane	ND	1.0	"	"	"	"	"	"	
2,2-Dichloropropane	ND	1.0	"	"	"	"	"	"	
1,1-Dichloropropene	ND	1.0	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	
Hexachlorobutadiene	ND	1.0	"	"	"	"	"	"	
Isopropylbenzene	ND	1.0	"	"	"	"	"	"	
p-Isopropyltoluene	ND	1.0	"	"	"	"	"	"	
Methylene chloride	ND	1.0	"	"	"	"	"	"	
Naphthalene	ND	1.0	"	"	"	"	"	"	
n-Propylbenzene	ND	1.0	"	"	"	"	"	"	
Styrene	ND	1.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	1.0	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	1.0	"	"	"	"	"	"	
Tetrachloroethene	ND	1.0	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	1.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	1.0	"	"	"	"	"	"	
Trichloroethene	ND	1.0	"	"	"	"	"	"	
Trichlorofluoromethane	ND	1.0	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	1.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	1.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	1.0	"	"	"	"	"	"	
Vinyl chloride	ND	1.0	"	"	"	"	"	"	
Benzene	**0.57**	0.50	"	"	"	"	"	"	
Toluene	**0.77**	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
m,p-Xylene	ND	1.0	"	"	"	"	"	"	
o-Xylene	ND	0.50	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	2.0	"	"	"	"	"	"	

SunStar Laboratories, Inc.

Daniel J Chavez

Daniel Chavez, 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.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

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

Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	09/09/11 11:18

LL_W8_090111_01

T111199-04 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Volatile Organic Compounds by EPA Method 8260B									
Tert-butyl alcohol	ND	10	ug/l	1	1090205	09/02/11	09/03/11	EPA 8260B	
Di-isopropyl ether	ND	2.0	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	2.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	1.0	"	"	"	"	"	"	
1,1,2-trichloro-1,2,2-trifluoroethane (CFC 113)	ND	5.0	"	"	"	"	"	"	
Surrogate 4-Bromofluorobenzene		*112 %*	*77.1-110*		"	"	"	"	*S-GC*
Surrogate Dibromofluoromethane		*100 %*	*66.3-111*		"	"	"	"	
Surrogate Toluene-d8		*97.1 %*	*84.7-109*		"	"	"	"	

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.

Daniel Chavez, 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

Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	09/09/11 11:18

LL_W10_090111_01

T111199-05 (Water)

SunStar Laboratories, Inc.

Purgeable Petroleum Hydrocarbons by EPA 8015C

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C6-C12 (GRO)	**8200**	50	ug/l	1	1090206	09/02/11	09/02/11	EPA 8015C	
Surrogate 4-Bromofluorobenzene		*120 %*	*72.6-146*		"	"	"	"	

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Bromobenzene	ND	1.0	ug/l	1	1090205	09/02/11	09/03/11	EPA 8260B	
Bromochloromethane	ND	1.0	"	"	"	"	"	"	
Bromodichloromethane	ND	1.0	"	"	"	"	"	"	
Bromoform	ND	1.0	"	"	"	"	"	"	
Bromomethane	ND	1.0	"	"	"	"	"	"	
n-Butylbenzene	**1.3**	1.0	"	"	"	"	"	"	
sec-Butylbenzene	**3.0**	1.0	"	"	"	"	"	"	
tert-Butylbenzene	ND	1.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.50	"	"	"	"	"	"	
Chlorobenzene	ND	1.0	"	"	"	"	"	"	
Chloroethane	ND	1.0	"	"	"	"	"	"	
Chloroform	ND	1.0	"	"	"	"	"	"	
Chloromethane	ND	1.0	"	"	"	"	"	"	
2-Chlorotoluene	ND	1.0	"	"	"	"	"	"	
4-Chlorotoluene	ND	1.0	"	"	"	"	"	"	
Dibromochloromethane	ND	1.0	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	1.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	1.0	"	"	"	"	"	"	
Dibromomethane	ND	1.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.50	"	"	"	"	"	"	
1,1-Dichloroethane	ND	1.0	"	"	"	"	"	"	
1,2-Dichloroethane	**4.9**	0.50	"	"	"	"	"	"	
1,1-Dichloroethene	ND	1.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	1.0	"	"	"	"	"	"	

SunStar Laboratories, Inc.

Daniel J Chavez

Daniel Chavez, 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.
Providing Quality Analytical Services Nationwide

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

Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	09/09/11 11:18

LL_W10_090111_01

T111199-05 (Water)

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	1.0	ug/l	1	1090205	09/02/11	09/03/11	EPA 8260B	
2,2-Dichloropropane	ND	1.0	"	"	"	"	"	"	
1,1-Dichloropropene	ND	1.0	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	
Hexachlorobutadiene	ND	1.0	"	"	"	"	"	"	
Isopropylbenzene	**19**	1.0	"	"	"	"	"	"	
p-Isopropyltoluene	ND	1.0	"	"	"	"	"	"	
Methylene chloride	ND	1.0	"	"	"	"	"	"	
Naphthalene	**97**	1.0	"	"	"	"	"	"	
n-Propylbenzene	**23**	1.0	"	"	"	"	"	"	
Styrene	ND	1.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	1.0	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	1.0	"	"	"	"	"	"	
Tetrachloroethene	ND	1.0	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	1.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	1.0	"	"	"	"	"	"	
Trichloroethene	ND	1.0	"	"	"	"	"	"	
Trichlorofluoromethane	ND	1.0	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	1.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	**5.7**	1.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	**31**	1.0	"	"	"	"	"	"	
Vinyl chloride	ND	1.0	"	"	"	"	"	"	
Benzene	**2900**	25	"	50	"	"	"	"	
Toluene	**2.2**	0.50	"	1	"	"	"	"	
Ethylbenzene	**120**	0.50	"	"	"	"	"	"	
m,p-Xylene	**44**	1.0	"	"	"	"	"	"	
o-Xylene	**1.1**	0.50	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	2.0	"	"	"	"	"	"	
Tert-butyl alcohol	**140**	10	"	"	"	"	"	"	
Di-isopropyl ether	ND	2.0	"	"	"	"	"	"	

SunStar Laboratories, Inc.

Daniel J Chavez

Daniel Chavez, 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.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

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

Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	09/09/11 11:18

LL_W10_090111_01

T111199-05 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Volatile Organic Compounds by EPA Method 8260B									
Ethyl tert-butyl ether	ND	2.0	ug/l	1	1090205	09/02/11	09/03/11	EPA 8260B	
Methyl tert-butyl ether	ND	1.0	"	"	"	"	"	"	
1,1,2-trichloro-1,2,2-trifluoroethane (CFC 113)	ND	5.0	"	"	"	"	"	"	
Surrogate 4-Bromofluorobenzene		*115 %*	*77.1-110*		"	"	"	"	*S-GC*
Surrogate Dibromofluoromethane		*107 %*	*66.3-111*		"	"	"	"	
Surrogate Toluene-d8		*104 %*	*84.7-109*		"	"	"	"	

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.

Daniel Chavez, 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

Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	09/09/11 11:18

Purgeable Petroleum Hydrocarbons by EPA 8015C - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1090206 - EPA 5030 GC										
Blank (1090206-BLK1)				Prepared & Analyzed: 09/02/11						
C6-C12 (GRO)	ND	50	ug/l							
Surrogate 4-Bromofluorobenzene	*115*		*"*	*100*		*115*	*72.6-146*			
LCS (1090206-BS1)				Prepared & Analyzed: 09/02/11						
C6-C12 (GRO)	6200	50	ug/l	5500		113	75-125			
Surrogate 4-Bromofluorobenzene	*104*		*"*	*100*		*104*	*72.6-146*			
Matrix Spike (1090206-MS1)		**Source: T111197-01**		Prepared & Analyzed: 09/02/11						
C6-C12 (GRO)	5750	50	ug/l	5500	16.1	104	65-135			
Surrogate 4-Bromofluorobenzene	*94.3*		*"*	*100*		*94.3*	*72.6-146*			
Matrix Spike Dup (1090206-MSD1)		**Source: T111197-01**		Prepared & Analyzed: 09/02/11						
C6-C12 (GRO)	5740	50	ug/l	5500	16.1	104	65-135	0.267	20	
Surrogate 4-Bromofluorobenzene	*108*		*"*	*100*		*108*	*72.6-146*			

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.

Daniel Chavez, 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

Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	09/09/11 11:18

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 1090205 - EPA 5030 GCMS										
Blank (1090205-BLK1)				Prepared & Analyzed: 09/02/11						
Bromobenzene	ND	1.0	ug/l							
Bromochloromethane	ND	1.0	"							
Bromodichloromethane	ND	1.0	"							
Bromoform	ND	1.0	"							
Bromomethane	ND	1.0	"							
n-Butylbenzene	ND	1.0	"							
sec-Butylbenzene	ND	1.0	"							
tert-Butylbenzene	ND	1.0	"							
Carbon tetrachloride	ND	0.50	"							
Chlorobenzene	ND	1.0	"							
Chloroethane	ND	1.0	"							
Chloroform	ND	1.0	"							
Chloromethane	ND	1.0	"							
2-Chlorotoluene	ND	1.0	"							
4-Chlorotoluene	ND	1.0	"							
Dibromochloromethane	ND	1.0	"							
1,2-Dibromo-3-chloropropane	ND	1.0	"							
1,2-Dibromoethane (EDB)	ND	1.0	"							
Dibromomethane	ND	1.0	"							
1,2-Dichlorobenzene	ND	1.0	"							
1,3-Dichlorobenzene	ND	1.0	"							
1,4-Dichlorobenzene	ND	1.0	"							
Dichlorodifluoromethane	ND	0.50	"							
1,1-Dichloroethane	ND	1.0	"							
1,2-Dichloroethane	ND	0.50	"							
1,1-Dichloroethene	ND	1.0	"							
cis-1,2-Dichloroethene	ND	1.0	"							
trans-1,2-Dichloroethene	ND	1.0	"							
1,2-Dichloropropane	ND	1.0	"							
1,3-Dichloropropane	ND	1.0	"							
2,2-Dichloropropane	ND	1.0	"							
1,1-Dichloropropene	ND	1.0	"							
cis-1,3-Dichloropropene	ND	0.50	"							
trans-1,3-Dichloropropene	ND	0.50	"							
Hexachlorobutadiene	ND	1.0	"							
Isopropylbenzene	ND	1.0	"							

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.

Daniel Chavez, 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

Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	09/09/11 11:18

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 1090205 - EPA 5030 GCMS										
Blank (1090205-BLK1)				Prepared & Analyzed: 09/02/11						
p-Isopropyltoluene	ND	1.0	ug/l							
Methylene chloride	ND	1.0	"							
Naphthalene	ND	1.0	"							
n-Propylbenzene	ND	1.0	"							
Styrene	ND	1.0	"							
1,1,2,2-Tetrachloroethane	ND	1.0	"							
1,1,1,2-Tetrachloroethane	ND	1.0	"							
Tetrachloroethene	ND	1.0	"							
1,2,3-Trichlorobenzene	ND	1.0	"							
1,2,4-Trichlorobenzene	ND	1.0	"							
1,1,2-Trichloroethane	ND	1.0	"							
1,1,1-Trichloroethane	ND	1.0	"							
Trichloroethene	ND	1.0	"							
Trichlorofluoromethane	ND	1.0	"							
1,2,3-Trichloropropane	ND	1.0	"							
1,3,5-Trimethylbenzene	ND	1.0	"							
1,2,4-Trimethylbenzene	ND	1.0	"							
Vinyl chloride	ND	1.0	"							
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	"							
1,1,2-trichloro-1,2,2-trifluoroethane (CFC 113)	ND	5.0	"							
Surrogate 4-Bromofluorobenzene	*8.93*		*"*	*8.00*		*112*	*77.1-110*			*S-GC*
Surrogate Dibromofluoromethane	*8.00*		*"*	*8.00*		*100*	*66.3-111*			
Surrogate Toluene-d8	*8.05*		*"*	*8.00*		*101*	*84.7-109*			

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.

Daniel Chavez, 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

Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	09/09/11 11:18

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 1090205 - EPA 5030 GCMS										
LCS (1090205-BS1)				Prepared & Analyzed: 09/02/11						
Chlorobenzene	19 1	1.0	ug/l	20.0		95.4	75-125			
1,1-Dichloroethene	19 2	1.0	"	20.0		96.2	75-125			
Trichloroethene	20 2	1.0	"	20.0		101	75-125			
Benzene	20.4	0.50	"	20.0		102	75-125			
Toluene	20.6	0.50	"	20.0		103	75-125			
Surrogate 4-Bromofluorobenzene	*8.72*		"	*8.00*		*109*	*77.1-110*			
Surrogate Dibromofluoromethane	*8.40*		"	*8.00*		*105*	*66.3-111*			
Surrogate Toluene-d8	*8.26*		"	*8.00*		*103*	*84.7-109*			
Matrix Spike (1090205-MS1)		**Source: T111199-01**		Prepared & Analyzed: 09/02/11						
Chlorobenzene	19.0	1.0	ug/l	20.0	ND	95.2	75-125			
1,1-Dichloroethene	19 3	1.0	"	20.0	ND	96.7	75-125			
Trichloroethene	22 1	1.0	"	20.0	ND	110	75-125			
Benzene	999	0.50	"	20.0	1150	NR	75-125			QM-01
Toluene	115	0.50	"	20.0	94.5	101	75-125			QM-01
Surrogate 4-Bromofluorobenzene	*7.51*		"	*8.00*		*93.9*	*77.1-110*			
Surrogate Dibromofluoromethane	*8.41*		"	*8.00*		*105*	*66.3-111*			
Surrogate Toluene-d8	*8.20*		"	*8.00*		*102*	*84.7-109*			
Matrix Spike Dup (1090205-MSD1)		**Source: T111199-01**		Prepared & Analyzed: 09/02/11						
Chlorobenzene	19.4	1.0	ug/l	20.0	ND	96.8	75-125	1.61	20	
1,1-Dichloroethene	18.0	1.0	"	20.0	ND	90.2	75-125	7.01	20	
Trichloroethene	21 5	1.0	"	20.0	ND	108	75-125	2.61	20	
Benzene	998	0.50	"	20.0	1150	NR	75-125	0.100	20	QM-01
Toluene	108	0.50	"	20.0	94.5	67.6	75-125	5.93	20	QM-01
Surrogate 4-Bromofluorobenzene	*7.27*		"	*8.00*		*90.9*	*77.1-110*			
Surrogate Dibromofluoromethane	*8.35*		"	*8.00*		*104*	*66.3-111*			
Surrogate Toluene-d8	*7.90*		"	*8.00*		*98.8*	*84.7-109*			

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.

Daniel Chavez, 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

Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	09/09/11 11:18

Notes and Definitions

S-GC	Surrogate recovery outside of established control limits. The data was accepted based on valid recovery of the remaining surrogate(s).
QM-01	The % recovery is outside of established control limits due to matrix interference and/or sample dilution due to matrix effect. The batch was accepted based on acceptable LCS recovery.
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.

Daniel J Chávez

Daniel Chavez, 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: MUREX
Address: 2640 Walnut Ave., Unit F Tustin, CA
Phone: (714) 508-0800 Fax: (714) 508-0880
Project Manager: Jeremy Squire

Date: 9.1.2011 Page: 1 Of 1
Project Name: CENCO
Collector: F. Sosic Client Project #: 1003-001-300
Batch #: T11199 EDF #:

Sample ID	Date Sampled	Time	Sample Type	Container Type	8260	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
LL_MW707_090111_01	9.1.2011	1050	GW	VOAs		X				X								01		6
LL_MW708_090111_01	↓	1200	↓	↓		X				X								02		6
LL_MW709_090111_01	↓	1430	↓	↓		X				X								03		6
LL_W8_090111_01	↓	1500	↓	↓		X				X								04		6
LL_W10_090111_01	↓	1535	↓	↓		X				X								05		6

Relinquished by: (signature)	Date / Time	Received by: (signature)	Date / Time
F. Sosic	9.1.2011 1547		9/1/11 1547
Relinquished by: (signature)	Date / Time	Received by: (signature)	Date / Time
Relinquished by: (signature)	Date / Time	Received by: (signature)	Date / Time

Total # of containers	36
Chain of Custody seals Y/N/NA	N
Seals intact? Y/N/NA	N/A
Received good condition/cold	Y 4.6°

Turn around time:

Notes

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

COC 101462

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

SAMPLE RECEIVING REVIEW SHEET

BATCH # T111199

Client Name: MUREX

Project: CENCO

Received by: DAN

Date/Time Received: 9/1/11 1547

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 4.8 °C +/- the CF (- 0.2°C) = 4.6 °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 9/1/11

Comments:

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

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

12 September 2011

Jeremy Squire
Murex
2640 Walnut Ave. Unit F
Tustin, CA 92780

RE: Cenco

Enclosed are the results of analyses for samples received by the laboratory on 09/02/11 17:24. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Daniel Chavez
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

Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	09/12/11 14:21

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
LL_MW710_090211_01	T111209-01	Water	09/02/11 10:30	09/02/11 17:24
LL_MW710_090211_02	T111209-02	Water	09/02/11 10:40	09/02/11 17:24
LL_MW711_090211_01	T111209-03	Water	09/02/11 12:00	09/02/11 17:24
LL_MW712_090211_01	T111209-04	Water	09/02/11 13:50	09/02/11 17:24
LL_MW713_090211_01	T111209-05	Water	09/02/11 15:00	09/02/11 17:24
LL_MW714_090211_01	T111209-06	Water	09/02/11 15:55	09/02/11 17:24
LL_MW715_090211_01	T111209-07	Water	09/02/11 17:00	09/02/11 17:24
LL_MW715_090211_02	T111209-08	Water	09/02/11 17:10	09/02/11 17:24

SunStar Laboratories, Inc.

Daniel J Chávez

Daniel Chavez, 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.
Providing Quality Analytical Services Nationwide

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

Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	09/12/11 14:21

LL_MW710_090211_01
T111209-01 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Purgeable Petroleum Hydrocarbons by EPA 8015C									
C6-C12 (GRO)	**380**	50	ug/l	1	1090603	09/06/11	09/07/11	EPA 8015C	
Surrogate 4-Bromofluorobenzene		*96.2 %*	*72.6-146*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B									
Bromobenzene	ND	1.0	ug/l	1	1090601	09/06/11	09/07/11	EPA 8260B	
Bromochloromethane	ND	1.0	"	"	"	"	"	"	
Bromodichloromethane	ND	1.0	"	"	"	"	"	"	
Bromoform	ND	1.0	"	"	"	"	"	"	
Bromomethane	ND	1.0	"	"	"	"	"	"	
n-Butylbenzene	ND	1.0	"	"	"	"	"	"	
sec-Butylbenzene	ND	1.0	"	"	"	"	"	"	
tert-Butylbenzene	ND	1.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.50	"	"	"	"	"	"	
Chlorobenzene	ND	1.0	"	"	"	"	"	"	
Chloroethane	ND	1.0	"	"	"	"	"	"	
Chloroform	ND	1.0	"	"	"	"	"	"	
Chloromethane	ND	1.0	"	"	"	"	"	"	
2-Chlorotoluene	ND	1.0	"	"	"	"	"	"	
4-Chlorotoluene	ND	1.0	"	"	"	"	"	"	
Dibromochloromethane	ND	1.0	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	1.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	1.0	"	"	"	"	"	"	
Dibromomethane	ND	1.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.50	"	"	"	"	"	"	
1,1-Dichloroethane	**4.3**	1.0	"	"	"	"	"	"	
1,2-Dichloroethane	**1.2**	0.50	"	"	"	"	"	"	
1,1-Dichloroethene	**50**	1.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	**17**	1.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	**2.0**	1.0	"	"	"	"	"	"	

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.

Daniel Chavez, 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

Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	09/12/11 14:21

LL_MW710_090211_01

T111209-01 (Water)

SunStar Laboratories, Inc.

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
1,2-Dichloropropane	ND	1.0	ug/l	1	1090601	09/06/11	09/07/11	EPA 8260B	
1,3-Dichloropropane	ND	1.0	"	"	"	"	"	"	
2,2-Dichloropropane	ND	1.0	"	"	"	"	"	"	
1,1-Dichloropropene	ND	1.0	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	
Hexachlorobutadiene	ND	1.0	"	"	"	"	"	"	
Isopropylbenzene	ND	1.0	"	"	"	"	"	"	
p-Isopropyltoluene	ND	1.0	"	"	"	"	"	"	
Methylene chloride	ND	1.0	"	"	"	"	"	"	
Naphthalene	ND	1.0	"	"	"	"	"	"	
n-Propylbenzene	ND	1.0	"	"	"	"	"	"	
Styrene	ND	1.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	1.0	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	1.0	"	"	"	"	"	"	
Tetrachloroethene	**76**	1.0	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	1.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	1.0	"	"	"	"	"	"	
Trichloroethene	**97**	1.0	"	"	"	"	"	"	
Trichlorofluoromethane	ND	1.0	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	1.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	1.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	1.0	"	"	"	"	"	"	
Vinyl chloride	**1.1**	1.0	"	"	"	"	"	"	
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	"	"	"	"	"	"	

SunStar Laboratories, Inc.

Daniel J Chavez

Daniel Chavez, 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.
Providing Quality Analytical Services Nationwide

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

Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	09/12/11 14:21

LL_MW710_090211_01

T111209-01 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Volatile Organic Compounds by EPA Method 8260B									
Tert-butyl alcohol	ND	10	ug/l	1	1090601	09/06/11	09/07/11	EPA 8260B	
Di-isopropyl ether	ND	2.0	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	2.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	1.0	"	"	"	"	"	"	
1,1,2-trichloro-1,2,2-trifluoroethane (CFC 113)	**11**	5.0	"	"	"	"	"	"	
Surrogate 4-Bromofluorobenzene		*114 %*	*77.1-110*		"	"	"	"	*S-GC*
Surrogate Dibromofluoromethane		*101 %*	*66.3-111*		"	"	"	"	
Surrogate Toluene-d8		*102 %*	*84.7-109*		"	"	"	"	

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.

Daniel Chavez, 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

Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	09/12/11 14:21

LL_MW710_090211_02

T111209-02 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Purgeable Petroleum Hydrocarbons by EPA 8015C									
C6-C12 (GRO)	**100**	50	ug/l	1	1090603	09/06/11	09/07/11	EPA 8015C	
Surrogate 4-Bromofluorobenzene		*121 %*	*72.6-146*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B									
Bromobenzene	ND	1.0	ug/l	1	1090601	09/06/11	09/07/11	EPA 8260B	
Bromochloromethane	ND	1.0	"	"	"	"	"	"	
Bromodichloromethane	**1.2**	1.0	"	"	"	"	"	"	
Bromoform	ND	1.0	"	"	"	"	"	"	
Bromomethane	ND	1.0	"	"	"	"	"	"	
n-Butylbenzene	ND	1.0	"	"	"	"	"	"	
sec-Butylbenzene	ND	1.0	"	"	"	"	"	"	
tert-Butylbenzene	ND	1.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.50	"	"	"	"	"	"	
Chlorobenzene	ND	1.0	"	"	"	"	"	"	
Chloroethane	ND	1.0	"	"	"	"	"	"	
Chloroform	ND	1.0	"	"	"	"	"	"	
Chloromethane	ND	1.0	"	"	"	"	"	"	
2-Chlorotoluene	ND	1.0	"	"	"	"	"	"	
4-Chlorotoluene	ND	1.0	"	"	"	"	"	"	
Dibromochloromethane	ND	1.0	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	1.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	1.0	"	"	"	"	"	"	
Dibromomethane	ND	1.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.50	"	"	"	"	"	"	
1,1-Dichloroethane	**4.6**	1.0	"	"	"	"	"	"	
1,2-Dichloroethane	**1.2**	0.50	"	"	"	"	"	"	
1,1-Dichloroethene	**54**	1.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	**18**	1.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	**2.2**	1.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	1.0	"	"	"	"	"	"	

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.

Daniel Chavez, 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

Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	09/12/11 14:21

LL_MW710_090211_02

T111209-02 (Water)

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	1.0	ug/l	1	1090601	09/06/11	09/07/11	EPA 8260B	
2,2-Dichloropropane	ND	1.0	"	"	"	"	"	"	
1,1-Dichloropropene	ND	1.0	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	
Hexachlorobutadiene	ND	1.0	"	"	"	"	"	"	
Isopropylbenzene	ND	1.0	"	"	"	"	"	"	
p-Isopropyltoluene	ND	1.0	"	"	"	"	"	"	
Methylene chloride	ND	1.0	"	"	"	"	"	"	
Naphthalene	ND	1.0	"	"	"	"	"	"	
n-Propylbenzene	ND	1.0	"	"	"	"	"	"	
Styrene	ND	1.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	1.0	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	1.0	"	"	"	"	"	"	
Tetrachloroethene	**76**	1.0	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	1.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	1.0	"	"	"	"	"	"	
Trichloroethene	**100**	1.0	"	"	"	"	"	"	
Trichlorofluoromethane	ND	1.0	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	1.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	1.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	1.0	"	"	"	"	"	"	
Vinyl chloride	**1.3**	1.0	"	"	"	"	"	"	
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	**58**	10	"	"	"	"	"	"	

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.

Daniel Chavez, 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

Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	09/12/11 14:21

LL_MW710_090211_02

T111209-02 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Volatile Organic Compounds by EPA Method 8260B									
Di-isopropyl ether	ND	2.0	ug/l	1	1090601	09/06/11	09/07/11	EPA 8260B	
Ethyl tert-butyl ether	ND	2.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	1.0	"	"	"	"	"	"	
1,1,2-trichloro-1,2,2-trifluoroethane (CFC 113)	**12**	5.0	"	"	"	"	"	"	
Surrogate 4-Bromofluorobenzene		*110 %*		*77.1-110*	"	"	"	"	
Surrogate Dibromofluoromethane		*102 %*		*66.3-111*	"	"	"	"	
Surrogate Toluene-d8		*101 %*		*84.7-109*	"	"	"	"	

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.

Daniel Chavez, 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

Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	09/12/11 14:21

LL_MW711_090211_01

T111209-03 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Purgeable Petroleum Hydrocarbons by EPA 8015C									
C6-C12 (GRO)	**44000**	50	ug/l	1	1090603	09/06/11	09/07/11	EPA 8015C	
Surrogate 4-Bromofluorobenzene		*114 %*	*72.6-146*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B									
Bromobenzene	ND	1.0	ug/l	1	1090601	09/06/11	09/07/11	EPA 8260B	
Bromochloromethane	ND	1.0	"	"	"	"	"	"	
Bromodichloromethane	ND	1.0	"	"	"	"	"	"	
Bromoform	ND	1.0	"	"	"	"	"	"	
Bromomethane	ND	1.0	"	"	"	"	"	"	
n-Butylbenzene	**47**	1.0	"	"	"	"	"	"	
sec-Butylbenzene	ND	1.0	"	"	"	"	"	"	
tert-Butylbenzene	**2.4**	1.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.50	"	"	"	"	"	"	
Chlorobenzene	ND	1.0	"	"	"	"	"	"	
Chloroethane	ND	1.0	"	"	"	"	"	"	
Chloroform	ND	1.0	"	"	"	"	"	"	
Chloromethane	ND	1.0	"	"	"	"	"	"	
2-Chlorotoluene	ND	1.0	"	"	"	"	"	"	
4-Chlorotoluene	ND	1.0	"	"	"	"	"	"	
Dibromochloromethane	ND	1.0	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	1.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	1.0	"	"	"	"	"	"	
Dibromomethane	ND	1.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.50	"	"	"	"	"	"	
1,1-Dichloroethane	ND	1.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
1,1-Dichloroethene	ND	1.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	**3.8**	1.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	**1.3**	1.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	1.0	"	"	"	"	"	"	

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.

Daniel Chavez, 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

Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	09/12/11 14:21

LL_MW711_090211_01

T111209-03 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Volatile Organic Compounds by EPA Method 8260B									
1,3-Dichloropropane	ND	1.0	ug/l	1	1090601	09/06/11	09/07/11	EPA 8260B	
2,2-Dichloropropane	**2.6**	1.0	"	"	"	"	"	"	
1,1-Dichloropropene	ND	1.0	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	
Hexachlorobutadiene	ND	1.0	"	"	"	"	"	"	
Isopropylbenzene	**150**	1.0	"	"	"	"	"	"	
p-Isopropyltoluene	**8.4**	1.0	"	"	"	"	"	"	
Methylene chloride	ND	1.0	"	"	"	"	"	"	
Naphthalene	**620**	50	"	50	"	"	"	"	
n-Propylbenzene	**350**	50	"	"	"	"	"	"	
Styrene	ND	1.0	"	1	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	1.0	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	1.0	"	"	"	"	"	"	
Tetrachloroethene	ND	1.0	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	1.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	1.0	"	"	"	"	"	"	
Trichloroethene	ND	1.0	"	"	"	"	"	"	
Trichlorofluoromethane	ND	1.0	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	1.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	**550**	50	"	50	"	"	"	"	
1,2,4-Trimethylbenzene	**1800**	50	"	"	"	"	"	"	
Vinyl chloride	**17**	1.0	"	1	"	"	"	"	
Benzene	**1600**	25	"	50	"	"	"	"	
Toluene	**1800**	25	"	"	"	"	"	"	
Ethylbenzene	**650**	25	"	"	"	"	"	"	
m,p-Xylene	**3000**	50	"	"	"	"	"	"	
o-Xylene	**1100**	25	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	2.0	"	1	"	"	"	"	
Tert-butyl alcohol	ND	10	"	"	"	"	"	"	
Di-isopropyl ether	ND	2.0	"	"	"	"	"	"	

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.

Daniel Chavez, 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

Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	09/12/11 14:21

LL_MW711_090211_01

T111209-03 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Volatile Organic Compounds by EPA Method 8260B									
Ethyl tert-butyl ether	ND	2.0	ug/l	1	1090601	09/06/11	09/07/11	EPA 8260B	
Methyl tert-butyl ether	**25**	1.0	"	"	"	"	"	"	
1,1,2-trichloro-1,2,2-trifluoroethane (CFC 113)	ND	5.0	"	"	"	"	"	"	
Surrogate 4-Bromofluorobenzene		*99.0 %*	*77.1-110*		"	"	"	"	
Surrogate Dibromofluoromethane		*111 %*	*66.3-111*		"	"	"	"	
Surrogate Toluene-d8		*96.5 %*	*84.7-109*		"	"	"	"	

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.

Daniel Chavez, 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

Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	09/12/11 14:21

LL_MW712_090211_01

T111209-04 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Purgeable Petroleum Hydrocarbons by EPA 8015C									
C6-C12 (GRO)	**6300**	50	ug/l	1	1090603	09/06/11	09/07/11	EPA 8015C	
Surrogate 4-Bromofluorobenzene		*101 %*	*72.6-146*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B									
Bromobenzene	ND	1.0	ug/l	1	1090601	09/06/11	09/07/11	EPA 8260B	
Bromochloromethane	ND	1.0	"	"	"	"	"	"	
Bromodichloromethane	ND	1.0	"	"	"	"	"	"	
Bromoform	ND	1.0	"	"	"	"	"	"	
Bromomethane	ND	1.0	"	"	"	"	"	"	
n-Butylbenzene	**10**	1.0	"	"	"	"	"	"	
sec-Butylbenzene	**13**	1.0	"	"	"	"	"	"	
tert-Butylbenzene	**1.6**	1.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.50	"	"	"	"	"	"	
Chlorobenzene	ND	1.0	"	"	"	"	"	"	
Chloroethane	ND	1.0	"	"	"	"	"	"	
Chloroform	ND	1.0	"	"	"	"	"	"	
Chloromethane	ND	1.0	"	"	"	"	"	"	
2-Chlorotoluene	ND	1.0	"	"	"	"	"	"	
4-Chlorotoluene	ND	1.0	"	"	"	"	"	"	
Dibromochloromethane	ND	1.0	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	1.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	1.0	"	"	"	"	"	"	
Dibromomethane	ND	1.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.50	"	"	"	"	"	"	
1,1-Dichloroethane	ND	1.0	"	"	"	"	"	"	
1,2-Dichloroethane	**0.71**	0.50	"	"	"	"	"	"	
1,1-Dichloroethene	ND	1.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	**2.8**	1.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	1.0	"	"	"	"	"	"	

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.

Daniel Chavez, 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

Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	09/12/11 14:21

LL_MW712_090211_01

T111209-04 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Volatile Organic Compounds by EPA Method 8260B									
1,3-Dichloropropane	ND	1.0	ug/l	1	1090601	09/06/11	09/07/11	EPA 8260B	
2,2-Dichloropropane	ND	1.0	"	"	"	"	"	"	
1,1-Dichloropropene	ND	1.0	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	
Hexachlorobutadiene	ND	1.0	"	"	"	"	"	"	
Isopropylbenzene	**91**	1.0	"	"	"	"	"	"	
p-Isopropyltoluene	**3.5**	1.0	"	"	"	"	"	"	
Methylene chloride	ND	1.0	"	"	"	"	"	"	
Naphthalene	**43**	1.0	"	"	"	"	"	"	
n-Propylbenzene	**120**	1.0	"	"	"	"	"	"	
Styrene	ND	1.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	1.0	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	1.0	"	"	"	"	"	"	
Tetrachloroethene	ND	1.0	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	1.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	1.0	"	"	"	"	"	"	
Trichloroethene	ND	1.0	"	"	"	"	"	"	
Trichlorofluoromethane	ND	1.0	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	1.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	**76**	1.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	**180**	1.0	"	"	"	"	"	"	
Vinyl chloride	ND	1.0	"	"	"	"	"	"	
Benzene	**440**	0.50	"	"	"	"	"	"	E-1
Toluene	**77**	0.50	"	"	"	"	"	"	
Ethylbenzene	**100**	0.50	"	"	"	"	"	"	
m,p-Xylene	**350**	1.0	"	"	"	"	"	"	E-1
o-Xylene	**72**	0.50	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	2.0	"	"	"	"	"	"	
Tert-butyl alcohol	ND	10	"	"	"	"	"	"	
Di-isopropyl ether	ND	2.0	"	"	"	"	"	"	

SunStar Laboratories, Inc.

Daniel J Chavez

Daniel Chavez, 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.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

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

Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	09/12/11 14:21

LL_MW712_090211_01

T111209-04 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Volatile Organic Compounds by EPA Method 8260B									
Ethyl tert-butyl ether	ND	2.0	ug/l	1	1090601	09/06/11	09/07/11	EPA 8260B	
Methyl tert-butyl ether	**19**	1.0	"	"	"	"	"	"	
1,1,2-trichloro-1,2,2-trifluoroethane (CFC 113)	ND	5.0	"	"	"	"	"	"	
Surrogate 4-Bromofluorobenzene		*101 %*	*77.1-110*		"	"	"	"	
Surrogate Dibromofluoromethane		*101 %*	*66.3-111*		"	"	"	"	
Surrogate Toluene-d8		*106 %*	*84.7-109*		"	"	"	"	

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.

Daniel Chavez, 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

Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	09/12/11 14:21

LL_MW713_090211_01

T111209-05 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Purgeable Petroleum Hydrocarbons by EPA 8015C									
C6-C12 (GRO)	**310**	50	ug/l	1	1090603	09/06/11	09/07/11	EPA 8015C	
Surrogate 4-Bromofluorobenzene		*121 %*	*72.6-146*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B									
Bromobenzene	ND	1.0	ug/l	1	1090601	09/06/11	09/07/11	EPA 8260B	
Bromochloromethane	ND	1.0	"	"	"	"	"	"	
Bromodichloromethane	ND	1.0	"	"	"	"	"	"	
Bromoform	ND	1.0	"	"	"	"	"	"	
Bromomethane	ND	1.0	"	"	"	"	"	"	
n-Butylbenzene	ND	1.0	"	"	"	"	"	"	
sec-Butylbenzene	ND	1.0	"	"	"	"	"	"	
tert-Butylbenzene	ND	1.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.50	"	"	"	"	"	"	
Chlorobenzene	ND	1.0	"	"	"	"	"	"	
Chloroethane	ND	1.0	"	"	"	"	"	"	
Chloroform	ND	1.0	"	"	"	"	"	"	
Chloromethane	ND	1.0	"	"	"	"	"	"	
2-Chlorotoluene	ND	1.0	"	"	"	"	"	"	
4-Chlorotoluene	ND	1.0	"	"	"	"	"	"	
Dibromochloromethane	ND	1.0	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	1.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	1.0	"	"	"	"	"	"	
Dibromomethane	ND	1.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.50	"	"	"	"	"	"	
1,1-Dichloroethane	ND	1.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
1,1-Dichloroethene	ND	1.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	

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.

Daniel Chavez, 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

Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	09/12/11 14:21

LL_MW713_090211_01

T111209-05 (Water)

SunStar Laboratories, Inc.

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
1,2-Dichloropropane	ND	1.0	ug/l	1	1090601	09/06/11	09/07/11	EPA 8260B	
1,3-Dichloropropane	ND	1.0	"	"	"	"	"	"	
2,2-Dichloropropane	ND	1.0	"	"	"	"	"	"	
1,1-Dichloropropene	ND	1.0	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	
Hexachlorobutadiene	ND	1.0	"	"	"	"	"	"	
Isopropylbenzene	**1.8**	1.0	"	"	"	"	"	"	
p-Isopropyltoluene	ND	1.0	"	"	"	"	"	"	
Methylene chloride	ND	1.0	"	"	"	"	"	"	
Naphthalene	**11**	1.0	"	"	"	"	"	"	
n-Propylbenzene	**3.1**	1.0	"	"	"	"	"	"	
Styrene	ND	1.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	1.0	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	1.0	"	"	"	"	"	"	
Tetrachloroethene	ND	1.0	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	1.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	1.0	"	"	"	"	"	"	
Trichloroethene	ND	1.0	"	"	"	"	"	"	
Trichlorofluoromethane	ND	1.0	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	1.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	**1.6**	1.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	**7.0**	1.0	"	"	"	"	"	"	
Vinyl chloride	ND	1.0	"	"	"	"	"	"	
Benzene	**73**	0.50	"	"	"	"	"	"	
Toluene	**3.0**	0.50	"	"	"	"	"	"	
Ethylbenzene	**1.7**	0.50	"	"	"	"	"	"	
m,p-Xylene	**7.8**	1.0	"	"	"	"	"	"	
o-Xylene	**3.6**	0.50	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	2.0	"	"	"	"	"	"	
Tert-butyl alcohol	**100**	10	"	"	"	"	"	"	

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.

Daniel Chavez, 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

Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	09/12/11 14:21

LL_MW713_090211_01

T111209-05 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Volatile Organic Compounds by EPA Method 8260B									
Di-isopropyl ether	ND	2.0	ug/l	1	1090601	09/06/11	09/07/11	EPA 8260B	
Ethyl tert-butyl ether	ND	2.0	"	"	"	"	"	"	
Methyl tert-butyl ether	**71**	1.0	"	"	"	"	"	"	
1,1,2-trichloro-1,2,2-trifluoroethane (CFC 113)	ND	5.0	"	"	"	"	"	"	
Surrogate 4-Bromofluorobenzene		*114 %*	*77.1-110*		"	"	"	"	*S-GC*
Surrogate Dibromofluoromethane		*99.2 %*	*66.3-111*		"	"	"	"	
Surrogate Toluene-d8		*101 %*	*84.7-109*		"	"	"	"	

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.

Daniel Chavez, 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

Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	09/12/11 14:21

LL_MW714_090211_01

T111209-06 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Purgeable Petroleum Hydrocarbons by EPA 8015C									
C6-C12 (GRO)	**500**	50	ug/l	1	1090603	09/06/11	09/07/11	EPA 8015C	
Surrogate 4-Bromofluorobenzene		*115 %*	*72.6-146*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B									
Bromobenzene	ND	1.0	ug/l	1	1090601	09/06/11	09/07/11	EPA 8260B	
Bromochloromethane	ND	1.0	"	"	"	"	"	"	
Bromodichloromethane	ND	1.0	"	"	"	"	"	"	
Bromoform	ND	1.0	"	"	"	"	"	"	
Bromomethane	ND	1.0	"	"	"	"	"	"	
n-Butylbenzene	ND	1.0	"	"	"	"	"	"	
sec-Butylbenzene	**2.9**	1.0	"	"	"	"	"	"	
tert-Butylbenzene	ND	1.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.50	"	"	"	"	"	"	
Chlorobenzene	ND	1.0	"	"	"	"	"	"	
Chloroethane	ND	1.0	"	"	"	"	"	"	
Chloroform	ND	1.0	"	"	"	"	"	"	
Chloromethane	ND	1.0	"	"	"	"	"	"	
2-Chlorotoluene	ND	1.0	"	"	"	"	"	"	
4-Chlorotoluene	ND	1.0	"	"	"	"	"	"	
Dibromochloromethane	ND	1.0	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	1.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	1.0	"	"	"	"	"	"	
Dibromomethane	ND	1.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.50	"	"	"	"	"	"	
1,1-Dichloroethane	ND	1.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
1,1-Dichloroethene	ND	1.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	1.0	"	"	"	"	"	"	

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.

Daniel Chavez, 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

Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	09/12/11 14:21

LL_MW714_090211_01

T111209-06 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Volatile Organic Compounds by EPA Method 8260B									
1,3-Dichloropropane	ND	1.0	ug/l	1	1090601	09/06/11	09/07/11	EPA 8260B	
2,2-Dichloropropane	ND	1.0	"	"	"	"	"	"	
1,1-Dichloropropene	ND	1.0	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	
Hexachlorobutadiene	ND	1.0	"	"	"	"	"	"	
Isopropylbenzene	**11**	1.0	"	"	"	"	"	"	
p-Isopropyltoluene	ND	1.0	"	"	"	"	"	"	
Methylene chloride	ND	1.0	"	"	"	"	"	"	
Naphthalene	ND	1.0	"	"	"	"	"	"	
n-Propylbenzene	**4.6**	1.0	"	"	"	"	"	"	
Styrene	ND	1.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	1.0	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	1.0	"	"	"	"	"	"	
Tetrachloroethene	ND	1.0	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	1.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	1.0	"	"	"	"	"	"	
Trichloroethene	ND	1.0	"	"	"	"	"	"	
Trichlorofluoromethane	ND	1.0	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	1.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	1.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	1.0	"	"	"	"	"	"	
Vinyl chloride	ND	1.0	"	"	"	"	"	"	
Benzene	**3.8**	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
m,p-Xylene	**1.1**	1.0	"	"	"	"	"	"	
o-Xylene	ND	0.50	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	2.0	"	"	"	"	"	"	
Tert-butyl alcohol	**37**	10	"	"	"	"	"	"	

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.

Daniel Chavez, 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

Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	09/12/11 14:21

LL_MW714_090211_01

T111209-06 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Volatile Organic Compounds by EPA Method 8260B									
Di-isopropyl ether	ND	2.0	ug/l	1	1090601	09/06/11	09/07/11	EPA 8260B	
Ethyl tert-butyl ether	ND	2.0	"	"	"	"	"	"	
Methyl tert-butyl ether	**9.7**	1.0	"	"	"	"	"	"	
1,1,2-trichloro-1,2,2-trifluoroethane (CFC 113)	ND	5.0	"	"	"	"	"	"	
Surrogate 4-Bromofluorobenzene		*114 %*		*77.1-110*	"	"	"	"	*S-GC*
Surrogate Dibromofluoromethane		*98.9 %*		*66.3-111*	"	"	"	"	
Surrogate Toluene-d8		*98.4 %*		*84.7-109*	"	"	"	"	

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.

Daniel Chavez, 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

Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	09/12/11 14:21

LL_MW715_090211_01

T111209-07 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Purgeable Petroleum Hydrocarbons by EPA 8015C									
C6-C12 (GRO)	**5500**	50	ug/l	1	1090603	09/06/11	09/07/11	EPA 8015C	
Surrogate 4-Bromofluorobenzene		*81.6 %*	*72.6-146*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B									
Bromobenzene	ND	1.0	ug/l	1	1090601	09/06/11	09/07/11	EPA 8260B	
Bromochloromethane	ND	1.0	"	"	"	"	"	"	
Bromodichloromethane	ND	1.0	"	"	"	"	"	"	
Bromoform	ND	1.0	"	"	"	"	"	"	
Bromomethane	ND	1.0	"	"	"	"	"	"	
n-Butylbenzene	ND	1.0	"	"	"	"	"	"	
sec-Butylbenzene	ND	1.0	"	"	"	"	"	"	
tert-Butylbenzene	ND	1.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.50	"	"	"	"	"	"	
Chlorobenzene	ND	1.0	"	"	"	"	"	"	
Chloroethane	ND	1.0	"	"	"	"	"	"	
Chloroform	ND	1.0	"	"	"	"	"	"	
Chloromethane	ND	1.0	"	"	"	"	"	"	
2-Chlorotoluene	ND	1.0	"	"	"	"	"	"	
4-Chlorotoluene	ND	1.0	"	"	"	"	"	"	
Dibromochloromethane	ND	1.0	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	1.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	1.0	"	"	"	"	"	"	
Dibromomethane	ND	1.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.50	"	"	"	"	"	"	
1,1-Dichloroethane	ND	1.0	"	"	"	"	"	"	
1,2-Dichloroethane	**0.56**	0.50	"	"	"	"	"	"	
1,1-Dichloroethene	ND	1.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	**1.5**	1.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	1.0	"	"	"	"	"	"	

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.

Daniel Chavez, 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

Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	09/12/11 14:21

LL_MW715_090211_01

T111209-07 (Water)

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	1.0	ug/l	1	1090601	09/06/11	09/07/11	EPA 8260B	
2,2-Dichloropropane	ND	1.0	"	"	"	"	"	"	
1,1-Dichloropropene	ND	1.0	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	
Hexachlorobutadiene	ND	1.0	"	"	"	"	"	"	
Isopropylbenzene	**2.3**	1.0	"	"	"	"	"	"	
p-Isopropyltoluene	ND	1.0	"	"	"	"	"	"	
Methylene chloride	ND	1.0	"	"	"	"	"	"	
Naphthalene	**5.0**	1.0	"	"	"	"	"	"	
n-Propylbenzene	**2.3**	1.0	"	"	"	"	"	"	
Styrene	ND	1.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	1.0	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	1.0	"	"	"	"	"	"	
Tetrachloroethene	ND	1.0	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	1.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	1.0	"	"	"	"	"	"	
Trichloroethene	ND	1.0	"	"	"	"	"	"	
Trichlorofluoromethane	ND	1.0	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	1.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	**4.8**	1.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	**4.5**	1.0	"	"	"	"	"	"	
Vinyl chloride	**1.9**	1.0	"	"	"	"	"	"	
Benzene	**800**	10	"	20	"	"	"	"	
Toluene	**2.5**	0.50	"	1	"	"	"	"	
Ethylbenzene	**4.0**	0.50	"	"	"	"	"	"	
m,p-Xylene	**12**	1.0	"	"	"	"	"	"	
o-Xylene	**5.3**	0.50	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	2.0	"	"	"	"	"	"	
Tert-butyl alcohol	**22**	10	"	"	"	"	"	"	
Di-isopropyl ether	ND	2.0	"	"	"	"	"	"	

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.

Daniel Chavez, 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

Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	09/12/11 14:21

LL_MW715_090211_01

T111209-07 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Volatile Organic Compounds by EPA Method 8260B									
Ethyl tert-butyl ether	ND	2.0	ug/l	1	1090601	09/06/11	09/07/11	EPA 8260B	
Methyl tert-butyl ether	**8.2**	1.0	"	"	"	"	"	"	
1,1,2-trichloro-1,2,2-trifluoroethane (CFC 113)	ND	5.0	"	"	"	"	"	"	
Surrogate 4-Bromofluorobenzene		*118 %*	*77.1-110*		"	"	"	"	*S-GC*
Surrogate Dibromofluoromethane		*103 %*	*66.3-111*		"	"	"	"	
Surrogate Toluene-d8		*106 %*	*84.7-109*		"	"	"	"	

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.

Daniel Chavez, 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

Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	09/12/11 14:21

LL_MW715_090211_02

T111209-08 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Purgeable Petroleum Hydrocarbons by EPA 8015C									
C6-C12 (GRO)	**1100**	50	ug/l	1	1090603	09/06/11	09/07/11	EPA 8015C	
Surrogate 4-Bromofluorobenzene		*120 %*	*72.6-146*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B									
Bromobenzene	ND	1.0	ug/l	1	1090601	09/06/11	09/07/11	EPA 8260B	
Bromochloromethane	ND	1.0	"	"	"	"	"	"	
Bromodichloromethane	ND	1.0	"	"	"	"	"	"	
Bromoform	ND	1.0	"	"	"	"	"	"	
Bromomethane	ND	1.0	"	"	"	"	"	"	
n-Butylbenzene	ND	1.0	"	"	"	"	"	"	
sec-Butylbenzene	ND	1.0	"	"	"	"	"	"	
tert-Butylbenzene	ND	1.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.50	"	"	"	"	"	"	
Chlorobenzene	ND	1.0	"	"	"	"	"	"	
Chloroethane	ND	1.0	"	"	"	"	"	"	
Chloroform	ND	1.0	"	"	"	"	"	"	
Chloromethane	ND	1.0	"	"	"	"	"	"	
2-Chlorotoluene	ND	1.0	"	"	"	"	"	"	
4-Chlorotoluene	ND	1.0	"	"	"	"	"	"	
Dibromochloromethane	ND	1.0	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	1.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	1.0	"	"	"	"	"	"	
Dibromomethane	ND	1.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.50	"	"	"	"	"	"	
1,1-Dichloroethane	ND	1.0	"	"	"	"	"	"	
1,2-Dichloroethane	**0.53**	0.50	"	"	"	"	"	"	
1,1-Dichloroethene	ND	1.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	**1.5**	1.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	1.0	"	"	"	"	"	"	

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.

Daniel Chavez, 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

Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	09/12/11 14:21

LL_MW715_090211_02

T111209-08 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Volatile Organic Compounds by EPA Method 8260B									
1,3-Dichloropropane	ND	1.0	ug/l	1	1090601	09/06/11	09/07/11	EPA 8260B	
2,2-Dichloropropane	ND	1.0	"	"	"	"	"	"	
1,1-Dichloropropene	ND	1.0	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	
Hexachlorobutadiene	ND	1.0	"	"	"	"	"	"	
Isopropylbenzene	**1.3**	1.0	"	"	"	"	"	"	
p-Isopropyltoluene	ND	1.0	"	"	"	"	"	"	
Methylene chloride	ND	1.0	"	"	"	"	"	"	
Naphthalene	**3.8**	1.0	"	"	"	"	"	"	
n-Propylbenzene	**1.1**	1.0	"	"	"	"	"	"	
Styrene	ND	1.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	1.0	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	1.0	"	"	"	"	"	"	
Tetrachloroethene	ND	1.0	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	1.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	1.0	"	"	"	"	"	"	
Trichloroethene	ND	1.0	"	"	"	"	"	"	
Trichlorofluoromethane	ND	1.0	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	1.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	**4.6**	1.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	**2.5**	1.0	"	"	"	"	"	"	
Vinyl chloride	**1.2**	1.0	"	"	"	"	"	"	
Benzene	**420**	10	"	20	"	"	"	"	
Toluene	**1.4**	0.50	"	1	"	"	"	"	
Ethylbenzene	**2.2**	0.50	"	"	"	"	"	"	
m,p-Xylene	**6.1**	1.0	"	"	"	"	"	"	
o-Xylene	**2.5**	0.50	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	2.0	"	"	"	"	"	"	
Tert-butyl alcohol	**20**	10	"	"	"	"	"	"	
Di-isopropyl ether	ND	2.0	"	"	"	"	"	"	

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.

Daniel Chavez, 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

Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	09/12/11 14:21

LL_MW715_090211_02

T111209-08 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Volatile Organic Compounds by EPA Method 8260B									
Ethyl tert-butyl ether	ND	2.0	ug/l	1	1090601	09/06/11	09/07/11	EPA 8260B	
Methyl tert-butyl ether	**7.9**	1.0	"	"	"	"	"	"	
1,1,2-trichloro-1,2,2-trifluoroethane (CFC 113)	ND	5.0	"	"	"	"	"	"	
Surrogate 4-Bromofluorobenzene		*116 %*	*77.1-110*		"	"	"	"	*S-GC*
Surrogate Dibromofluoromethane		*106 %*	*66.3-111*		"	"	"	"	
Surrogate Toluene-d8		*104 %*	*84.7-109*		"	"	"	"	

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.

Daniel Chavez, 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

Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	09/12/11 14:21

Purgeable Petroleum Hydrocarbons by EPA 8015C - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1090603 - EPA 5030 GC										
Blank (1090603-BLK1)				Prepared: 09/06/11		Analyzed: 09/07/11				
C6-C12 (GRO)	ND	50	ug/l							
Surrogate 4-Bromofluorobenzene	*118*		*"*	*100*		*118*	*72.6-146*			
LCS (1090603-BS1)				Prepared: 09/06/11		Analyzed: 09/07/11				
C6-C12 (GRO)	6170	50	ug/l	5500		112	75-125			
Surrogate 4-Bromofluorobenzene	*107*		*"*	*100*		*107*	*72.6-146*			
Matrix Spike (1090603-MS1)		**Source: T111209-08**		Prepared: 09/06/11		Analyzed: 09/07/11				
C6-C12 (GRO)	7300	50	ug/l	5500	1070	113	65-135			
Surrogate 4-Bromofluorobenzene	*108*		*"*	*100*		*108*	*72.6-146*			
Matrix Spike Dup (1090603-MSD1)		**Source: T111209-08**		Prepared: 09/06/11		Analyzed: 09/07/11				
C6-C12 (GRO)	7480	50	ug/l	5500	1070	117	65-135	2.43	20	
Surrogate 4-Bromofluorobenzene	*108*		*"*	*100*		*108*	*72.6-146*			

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.

Daniel Chavez, 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

Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	09/12/11 14:21

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 1090601 - EPA 5030 GCMS										
Blank (1090601-BLK1)				Prepared: 09/06/11 Analyzed: 09/07/11						
Bromobenzene	ND	1.0	ug/l							
Bromochloromethane	ND	1.0	"							
Bromodichloromethane	ND	1.0	"							
Bromoform	ND	1.0	"							
Bromomethane	ND	1.0	"							
n-Butylbenzene	ND	1.0	"							
sec-Butylbenzene	ND	1.0	"							
tert-Butylbenzene	ND	1.0	"							
Carbon tetrachloride	ND	0.50	"							
Chlorobenzene	ND	1.0	"							
Chloroethane	ND	1.0	"							
Chloroform	ND	1.0	"							
Chloromethane	ND	1.0	"							
2-Chlorotoluene	ND	1.0	"							
4-Chlorotoluene	ND	1.0	"							
Dibromochloromethane	ND	1.0	"							
1,2-Dibromo-3-chloropropane	ND	1.0	"							
1,2-Dibromoethane (EDB)	ND	1.0	"							
Dibromomethane	ND	1.0	"							
1,2-Dichlorobenzene	ND	1.0	"							
1,3-Dichlorobenzene	ND	1.0	"							
1,4-Dichlorobenzene	ND	1.0	"							
Dichlorodifluoromethane	ND	0.50	"							
1,1-Dichloroethane	ND	1.0	"							
1,2-Dichloroethane	ND	0.50	"							
1,1-Dichloroethene	ND	1.0	"							
cis-1,2-Dichloroethene	ND	1.0	"							
trans-1,2-Dichloroethene	ND	1.0	"							
1,2-Dichloropropane	ND	1.0	"							
1,3-Dichloropropane	ND	1.0	"							
2,2-Dichloropropane	ND	1.0	"							
1,1-Dichloropropene	ND	1.0	"							
cis-1,3-Dichloropropene	ND	0.50	"							
trans-1,3-Dichloropropene	ND	0.50	"							
Hexachlorobutadiene	ND	1.0	"							
Isopropylbenzene	ND	1.0	"							

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.

Daniel Chavez, 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

Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	09/12/11 14:21

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 1090601 - EPA 5030 GCMS										
Blank (1090601-BLK1)				Prepared: 09/06/11 Analyzed: 09/07/11						
p-Isopropyltoluene	ND	1.0	ug/l							
Methylene chloride	ND	1.0	"							
Naphthalene	ND	1.0	"							
n-Propylbenzene	ND	1.0	"							
Styrene	ND	1.0	"							
1,1,2,2-Tetrachloroethane	ND	1.0	"							
1,1,1,2-Tetrachloroethane	ND	1.0	"							
Tetrachloroethene	ND	1.0	"							
1,2,3-Trichlorobenzene	ND	1.0	"							
1,2,4-Trichlorobenzene	ND	1.0	"							
1,1,2-Trichloroethane	ND	1.0	"							
1,1,1-Trichloroethane	ND	1.0	"							
Trichloroethene	ND	1.0	"							
Trichlorofluoromethane	ND	1.0	"							
1,2,3-Trichloropropane	ND	1.0	"							
1,3,5-Trimethylbenzene	ND	1.0	"							
1,2,4-Trimethylbenzene	ND	1.0	"							
Vinyl chloride	ND	1.0	"							
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	"							
1,1,2-trichloro-1,2,2-trifluoroethane (CFC 113)	ND	5.0	"							
Surrogate 4-Bromofluorobenzene	*9.16*		*"*	*8.00*		*114*	*77.1-110*			*S-GC*
Surrogate Dibromofluoromethane	*8.25*		*"*	*8.00*		*103*	*66.3-111*			
Surrogate Toluene-d8	*7.86*		*"*	*8.00*		*98.2*	*84.7-109*			

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.

Daniel Chavez, 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

Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	09/12/11 14:21

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 1090601 - EPA 5030 GCMS										
LCS (1090601-BS1)				Prepared: 09/06/11		Analyzed: 09/07/11				
Chlorobenzene	22.0	1.0	ug/l	20.0		110	75-125			
1,1-Dichloroethene	17 9	1.0	"	20.0		89.4	75-125			
Trichloroethene	19.4	1.0	"	20.0		96.9	75-125			
Benzene	17.8	0.50	"	20.0		89.1	75-125			
Toluene	21.4	0.50	"	20.0		107	75-125			
Surrogate 4-Bromofluorobenzene	*8.42*		*"*	*8.00*		*105*	*77.1-110*			
Surrogate Dibromofluoromethane	*7.67*		*"*	*8.00*		*95.9*	*66.3-111*			
Surrogate Toluene-d8	*7.24*		*"*	*8.00*		*90.5*	*84.7-109*			
Matrix Spike (1090601-MS1)		**Source: T111209-01**		Prepared: 09/06/11		Analyzed: 09/07/11				
Chlorobenzene	22.4	1.0	ug/l	20.0	ND	112	75-125			
1,1-Dichloroethene	74 9	1.0	"	20.0	50.2	123	75-125			
Trichloroethene	120	1.0	"	20.0	96.5	115	75-125			
Benzene	18.8	0.50	"	20.0	0.430	91.8	75-125			
Toluene	21.8	0.50	"	20.0	ND	109	75-125			
Surrogate 4-Bromofluorobenzene	*8.82*		*"*	*8.00*		*110*	*77.1-110*			
Surrogate Dibromofluoromethane	*8.34*		*"*	*8.00*		*104*	*66.3-111*			
Surrogate Toluene-d8	*7.83*		*"*	*8.00*		*97.9*	*84.7-109*			
Matrix Spike Dup (1090601-MSD1)		**Source: T111209-01**		Prepared: 09/06/11		Analyzed: 09/07/11				
Chlorobenzene	22.0	1.0	ug/l	20.0	ND	110	75-125	1.89	20	
1,1-Dichloroethene	70 5	1.0	"	20.0	50.2	101	75-125	6.03	20	
Trichloroethene	121	1.0	"	20.0	96.5	121	75-125	0.866	20	
Benzene	19 1	0.50	"	20.0	0.430	93.5	75-125	1.79	20	
Toluene	22 3	0.50	"	20.0	ND	111	75-125	2.09	20	
Surrogate 4-Bromofluorobenzene	*8.48*		*"*	*8.00*		*106*	*77.1-110*			
Surrogate Dibromofluoromethane	*8.41*		*"*	*8.00*		*105*	*66.3-111*			
Surrogate Toluene-d8	*7.94*		*"*	*8.00*		*99.2*	*84.7-109*			

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.

Daniel Chavez, 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

Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	09/12/11 14:21

Notes and Definitions

S-GC	Surrogate recovery outside of established control limits. The data was accepted based on valid recovery of the remaining surrogate(s).
E-1	The final dilution was lower than the original data or previous dilutions. The highest recovered concentration was reported even though it was above calibration range.
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.

Daniel J Chávez

Daniel Chavez, 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: Murex
Address:
Phone: Fax:
Project Manager: Jeremy Squire

Date: 9.2.2011 Page: 1 Of 1
Project Name: CENCO
Collector: F. Sosic Client Project #: 1003-001-300
Batch #: T111209 EDF #:

Sample ID	Date Sampled	Time	Sample Type	Container Type	8260	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
LL_MW710_090211_01	9.2.2011	1030	GW	VOAs		X				X								01		6
LL_MW710_090211_02		1040				X				X								02		6
LL_MW711_090211_01		1200				X				X								03		6
LL_MW712_090211_01		1350				X				X								04		6
LL_MW713_090211_01		1500				X				X								05		6
LL_MW714_090211_01		1555				X				X								06		6
LL_MW715_090211_01		1700				X				X								07		6
LL_MW715_090211_02		1710																08		

Relinquished by: (signature)	Date / Time	Received by: (signature)	Date / Time
F. Sosic	9.2.2011 1724		9/2/11 1724
Relinquished by: (signature)	Date / Time	Received by: (signature)	Date / Time
Relinquished by: (signature)	Date / Time	Received by: (signature)	Date / Time

Total # of containers: 42
Chain of Custody seals Y/N/NA: N
Seals intact? Y/N/NA: N/A
Received good condition/cold: Y 4.4°

Turn around time:

Notes

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

COC 101463

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

SAMPLE RECEIVING REVIEW SHEET

BATCH # T111209

Client Name: MUREX

Project: CENCO

Received by: DAN

Date/Time Received: 9/2/11 1724

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 4.6 °C +/- the CF (- 0.2°C) = 4.4 °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 9/3/11

Comments: