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Second 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
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Prepared for

Regional Water Quality Control Board
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Prepared By

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1.0 INTRODUCTION

On behalf of Isola Law Group, LLP, Murex Environmental (Murex) has prepared this *Second quarter 2011 Groundwater Monitoring Report* for CENCO Refining Company for its former refinery located at 12345 Lakeland Road in Santa Fe Springs, California (site; **Figure 1**).

1.1 Purpose

The objective of the monitoring is to evaluate groundwater quality beneath the site and adjacent properties (**Figure 2**). This report presents the groundwater monitoring activities performed between April 1, 2011 and April 20, 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 January/February 2011. The following subsections summarize work completed during the second 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 58 out of the 59 wells on April 1, 2011. Of those, 18 wells were dry, 1 was inaccessible, and 2 contained free-phase petroleum hydrocarbon (FPPH) as follows:

- Wells containing only groundwater: MW-104A, MW-106A, MW-107A, MW-503B, MW-701, MW-702, MW=703, MW-704, MW-705, MW-706, MW-707, MW-708, MW-709, MW-710, MW-711, MW-712, MW-713, MW-715, W-1, W-4, W-7, W-8, W-9, W-10, W-12, W-14A, W-14B, W-14C, W-15A, W-15B, W-15C, W-16A, W-16B, W-16C, W-17A, W-17B, and W-17C;
- Dry wells: MW-101, MW-103, MW-105, MW-201, MW-202, MW-203, MW-204, MW-205, MW-501A, MW-502, MW-504, MW-600A, MW-603, MW-604, MW-605, MW-606, MW-607, and W-3A;
- Wells with FPPH: EW-1, and MW-708.

Table II summarizes the groundwater elevation measurements.

2.3 Free-Phase Petroleum Hydrocarbon (FPPH) Measurements

During gauging, wells are also checked for the presence and thickness of free-phase petroleum hydrocarbons (FPPH) product. 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. For wells in which FPPH does return, the rate at which the material returns is monitored and recorded.

Further discussion of the wells exhibiting free product and the results of other testing will be discussed in the forthcoming *FPPH Investigation Report*.

2.4 Groundwater Purging

The existing 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 monitored for flow rate, temperature, pH, turbidity, electrical conductivity, dissolved oxygen (DO), oxidation-

reduction potential (ORP), color, and odor. The results of the field parameter monitoring are summarized in Table V. 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 in sample containers (preserved with hydrochloric acid based on the analytical method), which were 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.

- Field parameters including pH, dissolved oxygen (DO), and oxidation-reduction potential (ORP)

Results of the aforementioned laboratory 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

As per 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, except for on the first day of sampling, 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-8, MW-107A, MW-503B, and MW-710. 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.

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.

3.0 RESULTS & DISCUSSION

This section presents the results of the second quarter 2011 groundwater monitoring event. As mentioned earlier in the report, well completion details (as adapted from Dan Herlihy Environmental Services, 2006) are provided in **Table I**. Groundwater level measurements, depths to water and FPPH, 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 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 below.

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 on April 1, 2011, first-encountered groundwater beneath the site vicinity ranges in elevation from 12.33 to 67.86 feet above mean sea level (ft-amsl), a slightly higher range than in the previous quarter. Groundwater elevations have exhibited both increases and decreases since previous measurements taken in January 28, 2011, likely attributable to higher than average precipitation during the winter season. The increases, the first to occur for several years, were minor in shallow wells (less than 1.0 foot in wells W-10, W-11, W-15A, MW-104A, etc.) and were significant in deeper wells (7 to 10 feet in wells W-7, W-8, W-16B, W-16C, W-17B, and W-17C). These

wells exhibiting the most significant increases were also the wells exhibiting the most significant decreases during the previous reporting period, indicating that there is likely influence from municipal pumping operations that most strongly affects wells that are more deeply screened, and that the influence originates from the northeast. Most likely, one or more pumping wells was recently deactivated as water demand decreased during the rainy season.

As a whole, the average change in groundwater elevation over all wells measured was an increase of 0.85 feet from the first 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 and MW-708 (**Table II**). FPPH was measured at a thickness of 0.57 feet in EW-1 and 0.24 feet in MW-708. During previous monitoring events, FPPH was detected in wells EW-1 and W-11, as well as in MW-502, MW-504, and W-3A. The three latter wells 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

Second quarter 2011 TPHg results are presented in **Table III** and **Figure 4**. TPHg was detected in 30 out of the 39 wells sampled at concentrations ranging from 94 micrograms per liter (µg/L) in monitoring well MW-712 to 41,000 µg/L in monitoring well MW-503B.

Groundwater samples collected from monitoring well MW-503B again exhibited the largest increase in TPHg concentrations when compared to the previous monitoring events (from 3,700 µg/L in August 2010 to 41,000 µg/L). Another significant increase was measured in well W-15A, where a concentration of 22,000 was measured. This represents the second consecutive quarter concentrations in W-15A have exceeded their historical maximum (2,700 ug/L) measured during its first sampling in February 2008.

The most significant decrease was observed in monitoring well W-11, where TPHg concentrations dropped from 77,000 µg/L to 6,300 µg/L during the same period.

3.3.2 VOCs and Oxygenates

A summary of VOC and oxygenate analytical data for the second 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 samples collected from 28 wells at concentrations ranging from 0.57 µg/L in wells W-7 and W-8 to 4,900 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 second 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 20 wells at concentrations ranging from 0.51 µg/L in W-16C to 3,200 µg/L in MW-503B. Toluene was detected above its California MCL (150 µg/L) in 2 wells.

Ethylbenzene was detected in the samples collected from 20 wells at concentrations ranging from 0.51 µg/L in W-7 to 1,800 µg/L in MW-503B. Ethylbenzene was detected above its California MCL (300 µg/L) in 1 well this quarter.

Total xylenes, including the *ortho, meta,* and *para* isomers, were detected in samples from 18 wells at concentrations ranging from 1.6 µg/L in MW-705 and MW-713 to 9,800 µg/L in MW-503B. Xylene was detected above the California MCL (1,750 µg/L) in 2 wells.

3.3.2.2 Methyl tert-Butyl Ether (MTBE)

The oxygenate MTBE was detected in samples from 16 wells at concentrations ranging from 1.1 µg/L in W-4 to 450 µg/L in MW-15A (**Figure 5**). The 13 µg/L drinking water MCL established for MTBE in California was exceeded in 9 wells.

3.3.2.3 tert-Butyl Alcohol (TBA)

TBA, another oxygenate and a byproduct of MTBE breakdown, was detected in 12 of the 39 sampled wells at concentrations ranging from 27 µg/L in well W-14C to 250 µg/L in well W-10. The California Notification Level (formerly Action Level) and Response Level for Drinking Water for TBA is 12 µg/L. All of the 12 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 east, in well W-16B and W-16C, cis-1,2-DCE and trans-1,2-DCE are were detected between 50-100 ug/L.

3.3.3 Hexavalent Chromium

Hexavalent chromium was not tested for in any of the groundwater samples collected from the monitoring and production wells during this quarter. In their letter dated October 21, 2010, the RWQCB approved our proposal to remove hexavalent chromium analysis from our groundwater monitoring schedule. This was justified by the fact that hexavalent chromium has not been detected in any wells after approximately 5 years of monitoring.

3.3.5 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.

3.3.5.1 Field Measured Parameters

Field pH, DO, and oxidation-reduction potential (ORP) data were collected from 36 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 6.8 to 8.5, 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 wells W-11, EW-1, MW-503B, MW-708, MW-711, and W-15A. ORP values ranged from -276.8mV in Well MW-107A to 180.6mV in Well MW-701. **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.

3.3.5.2 Laboratory Measured Biological Parameters

The current data set of analytical parameters used to indicate biological activity is sufficient for planning purposes, and has been relatively stable for some time. While Murex intends to incorporate a broad array of biological parameter sampling as a part of the proposed pilot test and later during the remediation phase, (detailed information on a proposed

remedial pilot test was submitted to and approved by the LARWQCB) it is no longer necessary to collect this information as part of the required quarterly sampling events.

3.3.6 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 April 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 39 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 second 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 0.5 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 second 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.

4.2 Free-Phase Petroleum Hydrocarbons

Measureable free product was identified in two wells; EW-1 and MW-708. The FPPH thickness measured in the two wells (0.24 to 0.57 feet) 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.

4.3 Groundwater Quality

The highest concentrations of TPHg detected during this sampling event were in the north-central and southwestern 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 concentrations of TPHg were measured in wells exhibiting FPPH, as high as 41,000 ug/L in well MW-503B, located on the former Lakeland property.

Benzene, toluene, ethylbenzene, zylene, 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 4,900 ug/L. The maximum concentration of MTBE was detected in well MW-15A at 450 ug/L. Both of these wells are located on-site (see **Figure 5**).

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. We believe the following plumes exist as a result of releases outside of the former refinery's operations on site, and have and have identified them based on their characteristics:

<u>"Lakeland Road/Bloomfield TPH" Plume</u>

FPPH is typically measured in well EW-1, and historically was measured in well W-3A before it became a dry well. The FPPH collected in well EW-1 is more viscous and darker in color than FPPH collected in other wells on and downgradient of the site. Based on the direction of groundwater flow in this area, the release location is likely to the northeast of well EW-1, and may extend as far south as well MW-15A (its recent TPH concentration was 22,000 ug/L, and its recent MTBE concentration was 450 ug/L – see **Table III**).

<u>Possible "MSH Plume"</u>

Elevated concentrations of TPH (1,500 ug/L) and benzene (310 ug/L) were detected in well MW-715. This is a new well, and has only been sampled twice. Its concentrations are inconsistent with historical concentrations detected in the nearby (now dry) monitoring well MW-606, which exhibited no detections as recently as April 2009.

Further analysis in the future may identify these results as an anomaly, although the results may indicate the presence of petroleum impacts originating from a former UST once located (and thought to have been removed) nearby on the MSH property.

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 cis-1,2-DCE and trans-1,2-DCE concentrations (i.e., between 80 and 90 ug/L) were measured in wells W-16B and W-16C. Historically, these compounds were also detected in wells MW-106, MW-106A, MW-107, MW-107A, and MW-203. Traces of cis-1,2-DCE have begun to be detected more recently in W-4 (see **Table III**).

Elevated concentrations of PCE (82 ug/L), TCE (92 ug/L) and 1,1-DCE (56 ug/L) were detected in well MW-710. Historically, wells MW-105, MW-101, MW-201, MW-603, MW-605, 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.

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

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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	-	-	-	-	79	129	130	-	-	-	-	-	-	-	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
Second 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	4/1/2011	113.00	106.34	105.77	0.57	144.78	38.90
W-1	4/1/2011	129.61	111.82			144.81	32.99
W-3A	4/1/2011	111.73	DRY			136.79	NA
W-4	4/1/2011	129.71	114.12			142.56	28.44
W-7	4/1/2011	NM	90.65			141.97	51.32
W-8	4/1/2011	NM	73.25			141.11	67.86
W-9	4/1/2011	110.37	94.77			139.84	45.07
W-10	4/1/2011	110.21	103.79			140.71	36.92
W-11	4/1/2011	112.61	107.52			142.10	34.58
W-12	4/1/2011	116.10	109.00			145.15	36.15
W-14 A	4/1/2011	111.85	98.16			114.71	16.55
W-14 B	4/1/2011	112.09	95.71			114.78	19.07
W-14 C	4/1/2011	166.57	96.00			114.78	18.78
W-15 A	4/1/2011	125.70	115.26			127.59	12.33
W-15 B	4/1/2011	155.60	115.08			127.61	12.53
W-15 C	4/1/2011	197.34	114.56			127.59	13.03
W-16 A	4/1/2011	123.12	114.67			147.60	32.93
W-16 B	4/1/2011	160.25	115.31			147.68	32.37
W-16 C	4/1/2011	196.30	114.92			147.67	32.75
W-17 A	4/1/2011	108.30	102.77			141.38	38.61
W-17 B	4/1/2011	169.60	103.33			141.37	38.04
W-17 C	4/1/2011	200.00	103.33			141.38	38.05
MW-101	4/1/2011	90.72	DRY			138.00	NA
MW-103	4/1/2011	94.70	DRY			139.36	NA
MW-104A	4/1/2011	100.08	93.76			144.13	50.37
MW-105	4/1/2011	100.47	DRY			141.16	NA
MW-106A	4/1/2011	110.00	107.39			152.81	45.42
MW-107A	4/1/2011	109.49	104.70			147.02	42.32
MW-201	4/1/2011	101.60	DRY			135.65	NA
MW-202	4/1/2011	92.55	DRY			140.62	NA
MW-203	4/1/2011	102.30	DRY			143.71	NA
MW-204	4/1/2011	103.10	DRY			142.90	NA
MW-205	4/1/2011	98.27	DRY			140.09	NA
MW-501A	4/1/2011	93.27	DRY			130.89	NA
MW-502	4/1/2011	100.59	DRY			131.00	NA
MW-503B	4/1/2011	108.67	106.36			132.66	26.30
MW-504	4/1/2011	95.76	DRY			137.18	NA
MW-600A	4/1/2011	92.70	DRY			124.26	NA
MW-601A	4/1/2011	89.90	NM			126.53	NA
MW-603	4/1/2011	97.60	DRY			120.95	NA
MW-604	4/1/2011	103.20	DRY			140.07	NA
MW-605	4/1/2011	93.98	DRY			116.82	NA
MW-606	4/1/2011	99.05	DRY			116.06	NA
MW-607	4/1/2011	107.05	DRY			128.28	NA
MW-701	4/1/2011	130.00	105.58			139.48	33.90
MW-702	4/1/2011	130.00	105.20			140.12	34.92
MW-703	4/1/2011	130.00	106.65			137.23	30.58
MW-704	4/1/2011	130.00	108.32			137.66	29.34
MW-705	4/1/2011	130.00	109.21			141.94	32.73
MW-706	4/1/2011	130.00	105.79			139.30	33.51

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

Well ID	Date	Total Depth	Depth to Groundwater	Depth To FPPH	FPPH Thickness	Top of Casing Elevation	Groundwater Elevation
MW-707	4/1/2011	130.00	102.95			128.43	25.48
MW-708	4/1/2011	130.00	102.15	101.91	0.24	126.26	24.11
MW-709	4/1/2011	130.00	113.95			139.78	25.83
MW-710	4/1/2011	130.00	99.67			121.99	22.32
MW-711	4/1/2011	130.00	106.92			127.84	20.92
MW-712	4/1/2011	130.00	104.25			123.31	19.06
MW-713	4/1/2011	130.00	110.03			128.15	18.12
MW-714	4/1/2011	142.00	108.28			128.87	20.59
MW-715	4/1/2011	134.00	101.60			116.22	14.62

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	Date	Unit	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	UG/L	11/1/1989	9800	730	16	1400A								<5	<5	9.8		<5	<5	<5	29
EW-1	UG/L	3/1/1990		1800	300	1800								<25	<25	<50		<25	<25	<25	<100
EW-1	UG/L	4/1/1990		1300	290	1600								<1	<10	20	110	<10	<10	<10	<20
EW-1	UG/L	8/21/1998	5000	230	<50	630			<50		150	<50	<50	<50	<50	<50	<50	<50	<50	<50	<100
EW-1	UG/L	1/28/1999	7900	110	<50	540			<50		130	<50	<50	<50	<50	<50	<50	<50	<50	<50	<100
EW-1	UG/L	7/19/1999	8000	110	<25	1000			<25		<250	<25	25	<25	<25	<25	<25	<25	<25	<13	<13
EW-1	UG/L	1/13/2000	NS	NS	NS	NS			NS		NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
EW-1	UG/L	7/31/2000	NS	NS	NS	NS			NS		NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
EW-1	UG/L	2/6/2001	NS	NS	NS	NS			NS		NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
EW-1	UG/L	7/26/2001	NS	NS	NS	NS			NS		NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
EW-1	UG/L	5/6/2002	NS	NS	NS	NS			NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
EW-1	UG/L	9/25/2002	NS	NS	NS	NS			NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
EW-1	UG/L	11/10/2006	4800	65	<4	68	16	<4	<10	<100	42	6.9	<4	<4	<4	8.4	6.3	<10	<4	<4	<10
EW-1	UG/L	2/9/2007	4100	41	<2	39	9.4	<2	<5	<50	26	5.1	2.3	<2	<2	7.8	6.5	<5	<2	<2	<5
EW-1	UG/L	5/10/2007	3300	19	1.5	15	3.7	<4	<10	17	10	2.6	1.4	<4	0.92	6.9	6.9	<10	<4	<4	<10
EW-1	UG/L	8/10/2007	3200	36	2.3	14	4.7	0.64	<5	15	20	3.2	1.4	<2	1.8	9.9	11	<5	0.35	<2	<5
EW-1	UG/L	2/8/2008	4100	73	1.9	4.9	<4	<4	<10	31	5.3	0.48	<4	<4	2.6	14	9.8	<10	0.54	<4	2.6
EW-1	UG/L	2/3/2011	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	UG/L	2/3/2011	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	UG/L	4/13/2011	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	UG/L	6/1/1988		620	<5	<5															
MW-101	UG/L	9/1/1988		310	10	34															
MW-101	UG/L	12/1/1988		490	28	<5															
MW-101	UG/L	6/1/1992		440	<5	<5															
MW-101	UG/L	9/1/1992		340	<5	<5															
MW-101	UG/L	12/1/1992		290	<5	<5															
MW-101	UG/L	3/1/1993		200	<5	<5															
MW-101	UG/L	12/1/1994		62	<5	5															
MW-101	UG/L	3/1/1995		110	<5	110															
MW-101	UG/L	9/1/1995		180	<4	180															
MW-101	UG/L	12/13/1995	2400	90	5.9	6.4								36	100	0.97	45	67	9.3	1.8	<0.5
MW-101	UG/L	7/31/1996	2300	130	14	130			<10					24000	41	<0.3	350	52	8.6	1.6	<0.3
MW-101	UG/L	12/17/1996	920	<25	<50	<25			<2		<25	<25	<25	57	240	<25	90	140	<25	<25	<50
MW-101	UG/L	1/19/1998	1400	65	<5	<5			<5		<10	<5	<5	180	320	<5	62	<50000	17	<5	<10
MW-101	UG/L	8/18/1998	3200	140	<5	15					<10	<5	<5	34	<5	<5	52	92	<5	<5	<10
MW-101	UG/L	1/26/1999	3200	68.4	<5	7.08			<5		<10	<5	<5	19.3	160	<5	71.9	97.9	13.9	<5	<10
MW-101	UG/L	7/19/1999	1300	22	<2	2.4			<2		<20	<2	<2	78	270	8.5	57	150	18	<1	<1
MW-101	UG/L	1/10/2000	690	9.2	<1	<1			<1		<10	<1	<1	210	260	3.5	25	130	12	2.6	<0.5
MW-101	UG/L	8/3/2000	<500	24	<2	<2			<2		<20	<2	<2	37	270	19	33	92	15	3.6	5
MW-101	UG/L	2/9/2001	600	26	<5	<5			<5		<50	<5	<5	9.9	100	11	21	32	7.5	<2.5	3.2
MW-101	UG/L	7/26/2001	690	25	<1	2.5			<1		<10	<1	<1	8.1	100	15	28	30	8.2	<5	4.3
MW-101	UG/L	5/8/2002	580	17	<1	1.3			<1	<10000	<10	<1	<1	6.2	78	5.6	16	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	Date	Unit	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	UG/L	9/25/2002	570	31	<1	1.2			<1	27000	<10	<1	<1	4.5	79	4.5	14	18	3	<0.5	<0.5
MW-101	UG/L	8/3/2006	2700	89	<2	3.6	<2	<2	<5	<50	<5	<2	<2	<2	34	2.4	26	8.4	<2	<2	<5
MW-101	UG/L	11/10/2006	1900	100	<2	<2	<2	<2	<5	<50	<5	<2	<2	<2	21	2.2	33	6.5	<2	<2	<5
MW-101	UG/L	2/12/2007	2100	240	<8	<8	<8	<8	<20	72	<20	<8	<8	<8	<8	<8	47	<20	<8	<8	<20
MW-101	UG/L	5/11/2007	1100	29	0.47	1	<2	<2	<5	<50	0.76	<2	<2	0.37	37	2.6	26	9.2	1.5	0.39	0.82
MW-101	UG/L	8/8/2007	2600	31	0.49	0.95	<2	<2	<5	<50	<5	<2	<2	0.43	46	<2	21	7.1	1	0.46	0.72
MW-101	UG/L	11/8/2007	830	62	0.9	1.7	0.8	<0.3	<0.32	<4.9	<0.41	0.24	<0.26	<0.32	6.3	<0.27	31	5.7	1.2	<0.28	<0.3
MW-103	UG/L	6/1/1988		970	74	<5															
MW-103	UG/L	9/1/1988		300	<5	<5															
MW-103	UG/L	12/1/1988		370	<5	<5															
MW-103	UG/L	3/1/1989		940	<5	<5															
MW-103	UG/L	6/1/1989		700	<5	<5															
MW-103	UG/L	9/1/1989		1000	30	<5															
MW-103	UG/L	3/1/1992		210	<5	5															
MW-103	UG/L	6/1/1992		880	<5	<5															
MW-103	UG/L	9/1/1992		200	<5	<5															
MW-103	UG/L	12/1/1992		350	<5	<5															
MW-103	UG/L	3/1/1993		<5	8	19															
MW-103	UG/L	5/1/1993		4800	<250	<250															
MW-103	UG/L	5/25/1993		4800	<250	<250															
MW-103	UG/L	9/1/1993		1300	88	62															
MW-103	UG/L	11/1/1993		1400	<250	<250															
MW-103	UG/L	12/1/1994		240	<10	<10															
MW-103	UG/L	3/1/1995		160	<5	<5															
MW-103	UG/L	9/1/1995		900	<50	<50															
MW-103	UG/L	12/13/1995	4100	410	4.1	2.6								<0.5	<0.5	<0.5	<0.5	<0.5	2.2	2.1	2.5
MW-103	UG/L	7/31/1996	2700	340	5	<0.5			<10					<0.3	0.38	<0.3	0.7	<0.3	17	1.7	<0.3
MW-103	UG/L	12/17/1996	2400	200	<5	<5			<10		<5	<5	<5	8.9	<5	<5	<5	<5	27	<5	54
MW-103	UG/L	1/21/1998	1300	230	<5	<5			<5		<10	<5	<5	<5	<5	<5	<5	<5	<5	<5	28
MW-103	UG/L	8/19/1998	1600	220	<5	<5			<5		<10	<5	<5	<5	<5	<5	<5	<5	<5	<5	<10
MW-103	UG/L	1/27/1999	1900	110	<5	<5			<5		<10	<5	<5	<5	<5	<5	<5	<5	<5	<5	<10
MW-103	UG/L	7/19/1999	1800	61	1.1	<1			<1		<10	<1	<1	<1	<1	<1	1.2	<1	<1	<0.5	<0.5
MW-103	UG/L	1/12/2000	1500	81	<1	<1			1.2		<10	<1	<1	<1	<1	<1	3	<1	<1	4	<0.5
MW-103	UG/L	8/4/2000	520	<0.5	<1	<1			<1		<10	<1	<1	<1	1.2	<1	2.9	<1	<1	1.5	0.75
MW-103	UG/L	2/9/2001	650	0.87	<1	<1			<1		<10	<1	<1	<1	<1	<1	2.4	<1	<1	<0.5	<0.5
MW-103	UG/L	7/25/2001	1300	41	<1	<1			2.5		<10	5.8	1.7	<1	<1	<1	2.5	<1	<1	<0.5	<0.5
MW-103	UG/L	5/8/2002	200	<0.5	<1	<1			<1	53000	<10	<1	<1	<1	<1	<1	1.3	<1	<1	<0.5	<0.5
MW-103	UG/L	9/25/2002	690	40	<1	<1			1.4	40000	<10	1.4	<1	<1	<1	<1	1.6	<1	<1	<0.5	<0.5
MW-103	UG/L	8/3/2006	350	<2	<2	<2	<2	<2	71	200	<5	<2	<2	<2	<2	<2	<2	<5	<2	<2	<5
MW-103	UG/L	11/8/2006	430	4.1	<2	<2	<2	<2	41	160	<5	<2	<2	<2	<2	<2	<2	<5	<2	<2	<5
MW-103	UG/L	2/8/2007	360	36	<2	<2	<2	<2	26	190	<5	<2	<2	<2	<2	<2	<2	<5	<2	<2	<5
MW-103	UG/L	5/9/2007	220	0.51	<2	<2	<2	<2	12	85	<5	<2	<2	<2	<2	<2	0.93	<5	<2	0.32	<5

Table III
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Former CENCO Refinery
Santa Fe Springs, CA

Location	Date	Unit	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	UG/L	8/8/2007	370	1.3	<2	0.51	0.7	<2	14	110	<5	<2	<2	<2	<2	<2	1.4	<5	<2	0.53	<5
MW-103	UG/L	11/6/2007	880	11	0.49	1.2	2.8	0.4	20	160	<0.41	0.24	0.39	<0.32	<0.26	<0.27	2	<0.42	<0.27	0.44	<0.3
MW-104	UG/L	6/1/1988		<5	<5	<5															
MW-104	UG/L	9/1/1988		<5	<5	<5															
MW-104	UG/L	12/1/1988		<5	<5	<5															
MW-104	UG/L	3/1/1989		<5	<5	<5															
MW-104	UG/L	6/1/1989		<5	<5	<5															
MW-104	UG/L	9/1/1989		<5	<5	<5															
MW-104	UG/L	12/1/1989		<5	<5	<5															
MW-104	UG/L	3/1/1990		<5	<5	<5															
MW-104	UG/L	6/1/1990		<5	<5	<5															
MW-104	UG/L	9/1/1990		<5	<5	<5															
MW-104	UG/L	12/1/1990		<5	<5	<5															
MW-104	UG/L	3/1/1991		<5	<5	<5															
MW-104	UG/L	6/1/1991		<5	<5	<5															
MW-104	UG/L	9/1/1991		<5	<5	<5															
MW-104	UG/L	12/1/1991		<5	<5	<5															
MW-104	UG/L	3/1/1992		<5	<5	<5															
MW-104	UG/L	6/1/1992		<5	<5	<5															
MW-104	UG/L	9/1/1992		<5	<5	<5															
MW-104	UG/L	12/1/1992		<5	<5	<5															
MW-104	UG/L	3/1/1993		<5	<5	<5															
MW-104	UG/L	5/1/1993		<5	<5	<5															
MW-104	UG/L	5/25/1993		<5	<5	<5															
MW-104	UG/L	9/1/1993		<5	<5	<5															
MW-104	UG/L	11/1/1993		<5	<5	<5															
MW-104	UG/L	3/1/1994		<5	<5	<5															
MW-104	UG/L	6/1/1994		<5	<5	<5															
MW-104	UG/L	12/1/1994		<5	<5	<5															
MW-104	UG/L	3/1/1995		<5	<5	<5															
MW-104	UG/L	9/1/1995		3	<2	<2															
MW-104	UG/L	12/13/1995	<500	3	0.6	<5										0.78			2.7		
MW-104	UG/L	7/31/1996	<100	2.2	1.8	<1			<10					<0.3	0.54	<0.3	1.5	<0.3	0.58	0.51	<0.3
MW-104	UG/L	12/16/1996	310	4.2	<1	<1			<2		<1	<1	<1	<1	<1	<1	2.7	<1	<1	<1	3.2
MW-104	UG/L	1/20/1998	<100	<5	<5	<5			<5		<10	<5	<5	<5	<5	<5	<5	<5	<5	<5	<10
MW-104	UG/L	8/18/1998	<100	<5	<5	<5					<10	<5	<5	<5	<5	<5	<5	<5	<5	<5	<10
MW-104	UG/L	1/27/1999	<100	<5	<5	<5			<5		<10	<5	<5	<5	<5	<5	<5	<5	<5	<5	<10
MW-104A	UG/L	7/19/1999	<500	<0.5	<1	<1			<1		<10	<1	<1	<1	1.2	<1	5.6	<1	<1	1.2	<0.5
MW-104A	UG/L	1/13/2000	<500	<0.5	<1	<1			<1		<10	<1	<1	<1	<1	<1	6.7	<1	<1	<0.5	5.7
MW-104A	UG/L	8/2/2000	<500	<0.5	<1	<1			<1		<10	<1	<1	<1	1.8	<1	5.4	<1	<1	<0.5	<0.5
MW-104A	UG/L	2/7/2001	<500	<0.5	<1	<1			<1		<10	<1	<1	<1	1.4	<1	4.2	<1	<1	<0.5	<0.5

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

Location	Date	Unit	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	UG/L	7/25/2001	<100	<0.5	<1	<1			<1		<10	<1	<1	<1	1.4	<1	3.9	<1	<1	<0.5	<0.5
MW-104A	UG/L	5/7/2002	100	<0.5	<1	<1			<1	31000	<10	<1	<1	<1	1.4	<1	4.3	<1	<1	<0.5	<0.5
MW-104A	UG/L	9/24/2002	<100	<0.5	<1	<1			<1	20000	<10	<1	<1	<1	1.6	1.4	5.4	<1	<1	<0.5	<0.5
MW-104A	UG/L	6/30/2004	<200	<5	<5	<5			<5	30J		<5	<5	<5	4J	2J	8.1	1J	<5	<5	<5
MW-104A	UG/L	10/7/2005	<100	<0.5	<1	<1	<1	<1	<1	83	<10	<1	<1	<1	<1	<1	3.4	<1	<1	<0.5	<0.5
MW-104A	UG/L	2/15/2006	<50	<1	<5	<5	<5	<5	<1	30	<5	<5	<5	<5	<5	<5	2	<5	<5	<5	<5
MW-104A	UG/L	2/7/2007	540	<2	<2	<2	<2	<2	<5	120	<5	<2	<2	<2	<2	<2	<2	<5	<2	<2	<5
MW-104A	UG/L	5/8/2007	33	<2	0.37	<2	<2	<2	<5	340	<5	<2	<2	<2	0.39	<2	1.8	<5	<2	<2	<5
MW-104A	UG/L	8/8/2007	<50	<2	<2	<2	<2	<2	<5	150	<5	<2	<2	<2	0.78	0.51	2.9	<5	<2	<2	<5
MW-104A	UG/L	11/5/2007	<30	<0.28	<0.36	<0.25	<0.6	<0.3	<0.32	81	<0.41	<0.23	<0.26	<0.32	0.72	0.71	4	<0.42	<0.27	<0.28	<0.3
MW-104A	UG/L	2/4/2008	<50	<2	<2	<2	<2	<2	<5	71	<5	<2	<2	<2	0.79	0.91	5.2	0.44	<2	<2	<5
MW-104A	UG/L	1/16/2009	46	<2	<2	<2	1	<2	<5	23	<5	0.55	<2	<2	0.39	0.57	4.6	0.47	<2	<2	<5
MW-104A	UG/L	4/22/2009	<50	<2	<2	<2	<2	<2	<5	38	<5	<2	<2	<2	0.46	0.62	4.5	<5	<2	<2	<5
MW-104A	UG/L	3/3/2010	<50	<0.50	<0.50	<0.50		<0.50	<1.0	<10	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	3.7	<1.0	<1.0	<0.50	<1.0
MW-104A	UG/L	8/4/2010	<50	<0.50	<0.50	<0.50		<0.50	<1.0	<10	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	4.5	<1.0	<1.0	<0.50	<1.0
MW-104A	UG/L	11/3/2010	<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	UG/L	2/2/2011	<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	UG/L	2/2/2011	<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	UG/L	4/14/2011	<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-105	UG/L	12/21/1995	<500	11	1.7	0.81								16	46		9.4	13	4.5	3.3	
MW-105	UG/L	7/31/1996	650	91	1.8	2			<10					24	33	<0.3	8.4	20	12	1.4	<0.3
MW-105	UG/L	12/16/1996	240	14	<5	<5			<2		<5	<5	<5	80	110	<5	10	50	<5	<5	<10
MW-105	UG/L	1/20/1998	510	21	<5	<5			<5		<10	<5	<5	150	210	<5	25	140	22	<5	<10
MW-105	UG/L	8/18/1998	680	53.6	<5	<5					<10	<5	<5	96.7	162	<5	25.3	108	15.4	<5	<10
MW-105	UG/L	1/25/1999	530	<5	<5	<5			<5		<10	<5	<5	125	187	<5	22	117	14	<5	6.43
MW-105	UG/L	7/19/1999	610	4.8	<1	<1			<1		<10	<1	<1	78	280	15	29	130	16	3.4	<0.5
MW-105	UG/L	1/10/2000	900	61	<5	<5			<5		<50	<5	<5	<5	130	62	40	100	20	4	<2.5
MW-105	UG/L	7/31/2000	580	52	<5	<5			<5		<9.5	<5	<5	<5	160	59	52	62	14	9.5	10
MW-105	UG/L	2/6/2001	610	<2.5	<5	<5			<5		<50	<5	<5	<5	47	21	33	32	12	<2.5	7.9
MW-105	UG/L	7/24/2001	210	1	<1	<1			<1		<10	<1		<1	36	11	18	17	9	1.5	<5
MW-105	UG/L	5/7/2002	530	1.1	<1	<1			<1	27000	<10	<1	<1	<2	38	6.8	14	10	4.4	<0.5	3.9
MW-105	UG/L	9/24/2002	<100	1.4	<1	<1			<1	<10000	<10	<1	<1	<3	43	6.4	25	10	4.9	1.4	14
MW-105	UG/L	6/30/2004	270	<5	<5	<5			<5	<100	<5	<5	<5	22	76	5.4	15	18	1J	<5	7.2
MW-105	UG/L	10/6/2005	300	<0.5	<1	<1	<1	<1	<1	25	<10	<1	<1	6.5	41	3.7	10	10	5.8	0.58	1.4
MW-105	UG/L	10/6/2005	320	<0.5	<1	<1	<1	<1	<1	31	<10	<1	<1	4.5	34	3.9	10	9.6	5.7	0.55	1.4
MW-105	UG/L	2/15/2006	205	<1	<5	<5	<5	<5	<1	27	<5	<5	<5	4.4	36	3.2	8.8	7.3	5.7	<5	<5
MW-105	UG/L	2/15/2006	204	<1	<5	<5	<5	<5	<1	27	<5	<5	<5	4	34	3	8.8	7.4	5.2	<5	<5
MW-105	UG/L	8/1/2006	320	<2	<2	<2	<2	<2	<5	51	<5	<2	<2	6	42	3.9	9.5	8.9	3.9	<2	<5
MW-105	UG/L	8/1/2006	330	<2	<2	<2	<2	<2	<5	57	<5	<2	<2	5.4	39	3.8	10	8.5	3.9	<2	<5
MW-105	UG/L	11/8/2006	230	<2	<2	<2	<2	<2	<5	<50	<5	<2	<2	16	59	4.2	8.9	12	3.8	<2	<5
MW-105	UG/L	11/8/2006	230	<2	<2	<2	<2	<2	<5	<50	<5	<2	<2	17	62	4.1	8.9	13	3.8	<2	<5
MW-105	UG/L	2/7/2007	160	<2	<2	<2	<2	<2	<5	<50	<5	<2	<2	19	57	4.8	12	12	4.2	<2	<5

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

Location	Date	Unit	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	UG/L	2/7/2007	160	<2	<2	<2	<2	<2	<5	<50	<5	<2	<2	15	47	4.3	12	10	3.7	<2	<5
MW-105	UG/L	5/9/2007	150	<2	<2	<2	<2	<2	<5	<50	<5	<2	<2	12	36	2.7	7.5	5.9	2.6	0.31	0.59
MW-105	UG/L	5/9/2007	190	<2	<2	<2	<2	<2	<5	<50	<5	<2	<2	12	36	2.8	7.5	6	2.6	0.34	0.57
MW-105	UG/L	8/7/2007	250	<2	<2	<2	<2	<2	0.32	<50	<5	<2	<2	23	62	5.6	11	11	3.7	0.6	1.1
MW-105	UG/L	11/5/2007	180	0.35	<0.36	<0.25	<0.6	<0.3	<0.32	<4.9	0.56	<0.23	<0.26	19	60	5.5	9.6	12	3.3	0.53	1.2
MW-105	UG/L	2/5/2008	170	1.2	<2	<2	<2	<2	<5	<50	<5	<2	<2	25	74	6.9	11	14	2.6	1.1	2.3
MW-105	UG/L	2/5/2008	190	1.1	<2	<2	<2	<2	<5	<50	<5	<2	<2	24	72	6.5	10	14	2.6	1.1	2.3
MW-105	UG/L	1/15/2009	160	0.85	<2	<2	<2	<2	<5	<50	<5	<2	<2	41	84	3.2	10	15	2.6	1	2.6
MW-105	UG/L	1/15/2009	180	0.71	<2	<2	<2	<2	<5	<50	<5	<2	<2	35	75	2.9	9	13	2.5	0.86	2.3
MW-105	UG/L	4/22/2009	120	0.66	<2	<2	<2	<2	<5	<50	<5	<2	<2	22	62	3	9.5	9.9	2.4	1.2	1.9
MW-105	UG/L	4/22/2009	100	0.5	<2	<2	<2	<2	<5	<50	<5	<2	<2	16	44	2.1	7.3	7	1.7	1	1.3
MW-106	UG/L	12/20/1995	790	12	3.5	10									1.5	15	33				
MW-106	UG/L	7/31/1996	600	14	2.2	9			3.6					<0.3	2.5	17	26	0.54	<0.3	<0.3	0.98
MW-106	UG/L	12/17/1996	360	3.1	<2	<2			<2		<2	<2	<2	<2	<2	26	63	<2	<2	<2	<4
MW-106	UG/L	1/20/1998	800	24	<5	8.1			<5		<10	<5	<5	<5	<5	10	46	<5	<5	<5	<10
MW-106	UG/L	8/20/1998	1000	27	<5	84			<5		<10	<5	<5	<5	<5	5.8	430	<5	<5	<5	<10
MW-106	UG/L	1/27/1999	1100	21000	<5	8.5			<5		<10	<5	<5	<5	<5	<5	47	<5	<5	<5	<10
MW-106	UG/L	7/19/1999	890	18	<1	7.7			<1		<10	<1	<1	<1	2.6	6.4	39	1.2	1.7	<0.5	<0.5
MW-106	UG/L	1/14/2000	1000	4.1	<1	<1			<1		<10	<1	<1	<1	<1	9.6	20	<1	2.2	<0.5	<0.5
MW-106	UG/L	7/31/2000	<500	5.3	<1	<1			<1		<10	<1	<1	21	2.1	21	26	<1	2.7	<0.5	25
MW-106	UG/L	2/6/2001	530	2.3	<1	1.3			<1		<10	<1	<1	<1	2.8	25	35	1.2	2	<0.5	15
MW-106	UG/L	7/24/2001	470	1.7	<1	<1			<1		<10	<1	<1	<1	2.1	23	33	1	1.8	<0.5	<0.5
MW-106	UG/L	5/7/2002	430	2.4	<1	<1			<1	38000	<10	<1	<1	<1	1.9	17	22	<1	1.6	<0.5	15
MW-106	UG/L	9/24/2002	120	3.5	<1	<1			<1	28000	<10	<1	<1	<1	1.6	24	24	1.1	2.1	<0.5	21
MW-106	UG/L	7/1/2004	260	2.3J	0.77	1.1			<5	<100	<5	<5	<5	<5	<5	21	15	2J	2J	<5	<5
MW-106A	UG/L	8/2/2006	310	2.6	<2	<2	<2	<2	<5	<50	<5	<2	<2	<2	<2	21	13	<5	<2	<2	10
MW-106A	UG/L	11/9/2006	82	<2	<2	<2	<2	<2	<5	<50	<5	<2	<2	<2	<2	17	14	<5	<2	<2	7
MW-106A	UG/L	2/8/2007	270	2.6	<2	<2	<2	<2	<5	<50	<5	<2	<2	<2	<2	20	15	<5	<2	<2	13
MW-106A	UG/L	5/10/2007	210	1.5	<2	0.28	<2	<2	<5	20	<5	<2	<2	<2	0.28	12	9.9	<5	0.6	<2	7.9
MW-106A	UG/L	8/9/2007	270	1.6	<2	0.6	<2	<2	<5	19	0.69	<2	<2	<2	0.45	14	12	0.46	0.83	<2	12
MW-106A	UG/L	11/7/2007	240	1.4	<0.36	0.84	<0.6	<0.3	<0.32	20	1.6	<0.23	<0.26	<0.32	<0.26	9.5	11	<0.42	0.7	<0.28	9.9
MW-106A	UG/L	2/5/2008	220	1.6	<2	0.42	<2	<2	<5	16	1.8	<2	<2	<2	0.29	7.8	10	0.44	0.73	<2	10
MW-106A	UG/L	1/19/2009	220	0.46	<2	<2	<2	<2	<5	17	<5	<2	<2	<2	0.29	11	13	<5	0.99	<2	6.3
MW-106A	UG/L	4/23/2009	290	1.9	<2	3.7	<2	<2	<5	18	0.93	<2	<2	<2	<2	6.3	5.5	<5	0.82	<2	10
MW-106A	UG/L	3/5/2010	590	8.4	<0.50	<0.50		<0.50	<1.0	<10	<1.0	<1.0	<1.0	<1.0	<1.0	2.0	3.5	<1.0	<1.0	<0.50	<1.0
MW-106A	UG/L	5/13/2010	460	8.6	<0.50	<0.50		<0.50	<1.0	<10	<1.0	<1.0	<1.0	<1.0	<1.0	2.0	<1.0	<1.0	<1.0	<0.50	21
MW-106A	UG/L	8/6/2010	450	12	<0.50	<0.50		<0.50	<1.0	<10	<1.0	<1.0	<1.0	<1.0	<1.0	3.5	1.0	<1.0	1.2	<0.50	25
MW-106A	UG/L	11/4/2010	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	UG/L	2/3/2011	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	UG/L	4/19/2011	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	Date	Unit	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-107	UG/L	12/21/1995	<500	16	0.99	0.77										6.5	28				
MW-107	UG/L	7/31/1996	600	31	4.4	6.6			110					<0.3	0.78	19	31	0.45	<0.3	<0.3	1.1
MW-107	UG/L	12/17/1996	380	22	<5	<5			<2		<5	<5	<5	<5	<5	33	80	<5	<5	<5	<10
MW-107	UG/L	1/20/1998	830	42	<5	<5			<5		<10	<5	<5	<5	<5	47	120	<5	<5	<5	<10
MW-107	UG/L	8/20/1998	830	28	<5	<5			<5		<10	<5	<5	<5	<5	25	98	<5	<5	<5	<10
MW-107	UG/L	1/27/1999	1100	36	<5	<5			<5		<10	<5	<5	<5	<5	44	100	<5	<5	<5	<10
MW-107	UG/L	7/19/1999	820	38	<5	<5			<5		<50	<5	<5	<5	<5	77	120	<5	<5	<2.5	<2.5
MW-107	UG/L	1/12/2000	1700	87	<1	7.8			<1		<10	<1	<1	<1	3.4	110	120	1.1	1.6	<0.5	<0.5
MW-107	UG/L	7/31/2000	1700	250	<5	20			<5		<50	<5	<5	<5	<5	59	43	<5	8.3	<2.5	53
MW-107	UG/L	2/6/2001	2100	180	<1	4			<1		<10	<1	<1	<1	<1	4.5	45	<1	20	<0.5	21
MW-107	UG/L	7/26/2001	2000	220	<1	38			<2		<10	<1	<1	<1	<1	13	33	<1	33	<0.5	<0.5
MW-107	UG/L	5/9/2002	2100	310	<2	3			<2	26000	<20	<2	<2	<2	<20	5.7	8.8	<2	21	<1	30
MW-107	UG/L	9/25/2002	2200	770	<2	5.7	<0.5	<0.5	<2	20000	<20	<2	<2	<2	<20	<2	5.8	<2	30	<1	28
MW-107	UG/L	7/1/2004									2J	<5	<5	<5	<5	<5	<5	<5	14	<5	12
MW-107A	UG/L	8/2/2006	770	3.7	<2	<2	3.4	<2	<5	<50	<5	<2	<2	<2	<2	2.4	3.9	<5	<2	<2	<5
MW-107A	UG/L	11/9/2006	780	24	<2	4.7	9.1	<2	<5	<50	<5	<2	<2	<2	2.5	5.3	6.2	<5	<2	<2	<5
MW-107A	UG/L	2/8/2007	500	80	<2	21	25	<2	<5	<50	7.4	<2	<2	<2	3.9	7.4	9.6	<5	<2	<2	<5
MW-107A	UG/L	5/10/2007	670	42	1	14	17	<2	<5	21	6	<2	0.29	<2	3.5	6	6.6	<5	<2	<2	2
MW-107A	UG/L	8/9/2007	1000	61	2	15	41	<2	<5	18	8.5	<2	0.33	<2	4.8	9.5	8.8	<5	0.31	<2	2.3
MW-107A	UG/L	11/7/2007	1500	44	4.2	16	26	<0.3	<0.32	35	11	<0.23	0.49	<0.32	3.7	9.4	6.4	<0.42	0.3	<0.28	4.4
MW-107A	UG/L	2/5/2008	2800	19	3	3	12	<2	<5	37	3.9	<2	0.38	<2	3.2	9.2	5.6	<5	0.29	<2	5
MW-107A	UG/L	1/19/2009	1100	13	1.9	1.5	9.9	0.43	<5	66	1.1	<2	0.29	<2	2	7.3	6.8	<5	<2	<2	2
MW-107A	UG/L	1/19/2009	1200	12	1.9	1.6	9.6	0.38	<5	62	1.3	<2	0.27	<2	2.1	7.5	7.2	<5	<2	<2	1.8
MW-107A	UG/L	4/23/2009	1300	74	1.1	13	94	0.47	<5	67	6.6	3.2	2.8	<2	3.6	10	8.5	<5	<2	<2	1.3
MW-107A	UG/L	4/23/2009	2400	79	1.2	13	91	0.47	<5	66	7.5	3	2.7	<2	3.4	11	9.4	<5	<2	<2	1.3
MW-107A	UG/L	3/5/2010	1100	17	0.68	1.6		<0.50	<1.0	<10	6.0	<1.0	<1.0	<1.0	4.6	7.6	6.8	<1.0	<1.0	<0.50	<1.0
MW-107A	UG/L	3/5/2010	1300	16	0.66	1.7		<0.50	<1.0	<10	5.6	<1.0	<1.0	<1.0	4.3	7.4	6.4	<1.0	<1.0	<0.50	<1.0
MW-107A	UG/L	5/13/2010	1500	7.6	11	4.1		2.0	4.7	<10	3.3	2.0	<1.0	<1.0	4.5	4.7	4.8	<1.0	<1.0	<0.50	<1.0
MW-107A	UG/L	5/13/2010	1100	8.8	11	4.2		<0.50	<1.0	<10	<1.0	<1.0	<1.0	<1.0	4.8	5.9	5.9	<1.0	<1.0	<0.50	<1.0
MW-107A	UG/L	8/6/2010	1300	120	150	39		1.3	<1.0	<10	24	1.9	<1.0	<1.0	8.3	7.5	10	<1.0	<1.0	<0.50	<1.0
MW-107A	UG/L	8/6/2010	1300	120	160	39		1.3	<1.0	<10	29	1.9	<1.0	<1.0	8.7	7.0	9.5	<1.0	<1.0	<0.50	<1.0
MW-107A	UG/L	11/4/2010	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	UG/L	11/4/2010	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	UG/L	2/3/2011	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	UG/L	4/19/2011	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	UG/L	4/19/2011	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-201	UG/L	6/1/1988		1000	150	<5															
MW-201	UG/L	9/1/1988		520	210	110															
MW-201	UG/L	12/1/1988		420	65	19															
MW-201	UG/L	3/1/1989		210	27	24															
MW-201	UG/L	6/1/1989		350	<5	<5															

Table III
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Santa Fe Springs, CA

Location	Date	Unit	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	UG/L	9/1/1989		830	100	32															
MW-201	UG/L	12/1/1989		510	76	24															
MW-201	UG/L	3/1/1990		350	38	29															
MW-201	UG/L	6/1/1990		820	49	84															
MW-201	UG/L	9/1/1990		340	15	20															
MW-201	UG/L	12/1/1990		240	12	7															
MW-201	UG/L	3/1/1991		500	<5	<5															
MW-201	UG/L	6/1/1991		530	<5	<5															
MW-201	UG/L	9/1/1991		370	<5	<5															
MW-201	UG/L	12/1/1991		340	10	9															
MW-201	UG/L	6/1/1992		25	<5	<5															
MW-201	UG/L	9/1/1992		350	<5	<5															
MW-201	UG/L	12/1/1992		1150	<5	<5															
MW-201	UG/L	3/1/1993		560	77	<50															
MW-201	UG/L	12/1/1994		1300	66	500															
MW-201	UG/L	3/1/1995		290	<5	<5															
MW-201	UG/L	9/1/1995		1100	28	130															
MW-201	UG/L	12/13/1995	9000	440	42	120								58	110	1.7	44	87	9.4	4.4	
MW-201	UG/L	7/31/1996	<100	480	20	32			<10					110	120	<0.3	34	98	9.4	2.7	<0.3
MW-201	UG/L	12/17/1996	3700	110	12	96			<10		<10	140	28	210	210	<10	89	170	<10	<10	<20
MW-201	UG/L	1/21/1998	2600	250	14	87			<5		11	20	9.9	160	180	5.5	71	74	9.9	<5	<10
MW-201	UG/L	8/18/1998	2600	440	8.6	20					11	<5	<5	16	120	<5	63	46	6.3	<5	<10
MW-201	UG/L	7/19/1999	2800	160	29	69			<5		<50	53	15	40	160	12	63	61	9.3	<2.5	<2.5
MW-201	UG/L	1/12/2000	5100	520	14	53			<6		<50	32	<5	<5	38	<5	43	19	<5	<2.5	<2.5
MW-201	UG/L	8/4/2000	2900	570	15	61			<7		<10	33	<5	<5	32	<5	76	19	<5	<2.5	<2.5
MW-201	UG/L	2/9/2001	2200	310	12	130			<8		<100	24	<10	<10	13	<10	100	22	<10	<5	<5
MW-201	UG/L	7/26/2001	3200	180	9.6	56			<10		<100	17	2.5	<10	8	6.8	57	13	23	<5	<10
MW-201	UG/L	5/9/2002	1800	120	6.6	45			5.1	<20000	<20	5.6	3.8	<2	14	4.2	33	6.4	<2	<1	1.1
MW-201	UG/L	9/26/2002	890	11	11	68			<1	<10000	<1	12	14	<1	29	3.3	27	7.2	<1	<0.5	1.4
MW-201	UG/L	6/30/2004	1700	120	12	210	58	13	<5	<100	16	5.4	12	<5	<5	<5	21	<5	<5	<5	2J
MW-201	UG/L	10/7/2005	3400	740	37	470	73	18	<5	130	120	33	16	<5	<5	<5	49	<5	<5	34	<2.5
MW-201	UG/L	2/15/2006	1890	128	2.5	15	6.3	<5	<1	20	<5	1.2	<5	<5	1.6	<5	8.1	<5	<5	<5	<5
MW-201	UG/L	8/2/2006	1000	73	<2	8.2	4.1	<2	<5	<50	<5	<2	<2	<2	13	<2	13	<5	<2	<2	<5
MW-201	UG/L	11/9/2006	1100	58	3.4	49	11	2.9	<5	<50	22	4.8	<2	<2	30	<2	25	5.1	<2	<2	<5
MW-201	UG/L	2/7/2007	1100	94	<2	8.6	5.1	<2	<5	<50	<5	<2	<2	<2	7.4	<2	25	<5	<2	<2	<5
MW-201	UG/L	5/9/2007	830	47	0.75	4	2.6	<2	<5	<50	<5	<2	<2	<2	8.5	<2	38	3.1	0.4	0.83	0.67
MW-201	UG/L	8/8/2007	1300	44	0.75	5.1	3.3	<2	<5	<50	<5	0.41	0.42	<2	22	<2	31	3.2	0.37	1	0.9
MW-201	UG/L	11/6/2007	1500	110	3.9	57	30	5.9	<0.32	92	25	6.3	8.4	<0.32	22	0.91	38	4.5	0.52	1.1	1.6
MW-201	UG/L	2/7/2008	670	39	<2	3.2	<2	<2	<5	<50	<5	<2	<2	<2	36	<2	33	<5	<2	<2	<5
MW-201	UG/L	1/20/2009	1400	97	3.9	17	19	1	<5	44	<5	2.4	1.7	<2	<2	0.6	16	0.73	<2	2.1	1.6
MW-201	UG/L	4/28/2009	510	70	1.1	15	1.2	<2	<5	12	<5	0.7	3.5	<2	<2	<2	12	<5	<2	2.2	0.79
MW-202	UG/L	11/1/1993		7700	<500	2600															

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

Location	Date	Unit	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-202	UG/L	3/1/1995		400	7	29															
MW-202	UG/L	9/1/1995		500	10	48															
MW-202	UG/L	12/1/1995	6500	330	21	51															
MW-202	UG/L	7/31/1996	4800	640	15	<0.5			62					<0.3	0.37	0.34	2	<0.3	0.54	0.58	<0.3
MW-202	UG/L	12/17/1996	7400	890	<50	<50			<20		<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<10
MW-202	UG/L	1/21/1998	1600	450	<5	19			<5		<10	<5	<5	<5	<5	<5	<5	<5	<5	<5	<10
MW-202	UG/L	8/18/1998	3100	280	<5	<5			<5		<10	<5	<5	<5	<5	<5	<5	<5	<5	<5	<10
MW-202	UG/L	1/27/1999	2300	76	<5	<5			<5		<10	<5	<5	<5	<5	<5	<5	<5	<5	<5	<10
MW-202	UG/L	7/19/1999	2300	36	2.1	3.7			<2		<20	<2	<2	<2	<2	<2	3.3	<2	<2	<1	<1
MW-202	UG/L	1/11/2000	2400	49	<1	2.4			1.2		<10	<1	<1	<1	<1	<1	1.9	<1	2.2	<0.5	<0.5
MW-202	UG/L	2/7/2000	1100	25	<1	<1			<1		<10	<1	<1	<1	<1	<1	2.3	<1	7.3	<0.5	3.3
MW-202	UG/L	8/2/2000	1400	41	<1	<1			<1		<10	<1	<1	<1	<1	<1	4.6	<1	11	<0.5	<0.5
MW-202	UG/L	7/24/2001	1100	38	<1	<1			<1		<10	<1	<1	<1	<1	<1	<1	<1	1.8	<0.5	<0.5
MW-202	UG/L	5/8/2002	1400	330	2.9	2.1			16	66000	<10	<1	<1	<1	<1	<1	<1	<1	1.2	<0.5	<0.5
MW-202	UG/L	9/26/2002	1000	170	7.8	14			12	59000	<50	<5	<5	<5	<5	<5	<5	<5	<5	<2.5	<2.5
MW-203	UG/L	6/1/1988		46	<5	<5															
MW-203	UG/L	9/1/1988		76	<5	<5															
MW-203	UG/L	12/1/1988		64	<5	<5															
MW-203	UG/L	3/1/1989		110	<5	<5															
MW-203	UG/L	6/1/1989		110	<5	<5															
MW-203	UG/L	9/1/1989		80	<5	5															
MW-203	UG/L	12/1/1989		100	<5	<5															
MW-203	UG/L	3/1/1990		90	<5	<5															
MW-203	UG/L	6/1/1990		88	2	7															
MW-203	UG/L	9/1/1990		130	<5	9															
MW-203	UG/L	12/1/1990		94	<5	7															
MW-203	UG/L	3/1/1991		100	<5	<5															
MW-203	UG/L	6/1/1991		100	<5	<5															
MW-203	UG/L	9/1/1991		140	<5	<5															
MW-203	UG/L	12/1/1991		130	<5	<5															
MW-203	UG/L	3/1/1992		120	<5	<5															
MW-203	UG/L	6/1/1992		85	<5	<5															
MW-203	UG/L	9/1/1992		46	<5	<5															
MW-203	UG/L	12/1/1992		64	<5	<5															
MW-203	UG/L	3/1/1993		69	<5	<5															
MW-203	UG/L	5/1/1993		86	<5	<5															
MW-203	UG/L	5/25/1993		86	<5	<5															
MW-203	UG/L	9/1/1993		40	<5	<5															
MW-203	UG/L	12/1/1994		39	<5	<5															
MW-203	UG/L	3/1/1995		27	<5	<5															
MW-203	UG/L	9/1/1995		28	<2	<2															
MW-203	UG/L	12/13/1995	640	37	1	12										4.5	40		0.61		1.4

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

Location	Date	Unit	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	UG/L	7/31/1996	500	43	2	1.8			<20					<0.3	0.34	1.7	22	<0.3	0.34	<0.3	2
MW-203	UG/L	12/17/1996	160	30	<1	<1			<2		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2
MW-203	UG/L	1/20/1998	250	24	<5	<5			<5		<10	<5	<5	<5	<5	<5	28	<5	<5	<5	<10
MW-203	UG/L	8/20/1998	290	17	<5	<5			<5		<10	<5	<5	<5	<5	<5	35	<5	<5	<5	<10
MW-203	UG/L	1/27/1999	330	12	<5	<5			<5		<10	<5	<5	<5	<5	<5	35	<5	<5	<5	<10
MW-203	UG/L	7/19/1999	<500	16	<1	<1			<1		<10	<1	<1	<1	<1	1.9	24	<1	<1	<0.5	<0.5
MW-203	UG/L	1/12/2000	<500	7.8	<1	<1			1		<10	<1	<1	<1	<1	<1	14	<1	<1	0.53	<5
MW-203	UG/L	7/31/2000	<500	97	<1	<1			<5		<10	<1	<1	<1	<1	<1	16	<1	<1	<0.5	0.51
MW-203	UG/L	2/6/2001	<500	13	<1	<1			<1		<10	<1	<1	<1	<1	1.6	25	<1	<1	<0.5	1.1
MW-203	UG/L	7/24/2001	180	14	<1	<1			<1		<10	<1	<1	<1	<1	1.8	24	<1	<1	<0.5	8.3
MW-203	UG/L	5/8/2002	150	8.7	<1	<1			<1	30000	<10	<1	<1	<2	<1	1.7	21	<1	<1	<0.5	0.53
MW-203	UG/L	9/25/2002	160	11	<1	<1			<1	25000	<10	<1	<1	<3	<1	2.5	27	<1	<1	<0.5	1.1
MW-203	UG/L	7/1/2004	270	9.2	0.5J	0.75	<0.5	<0.5	<5	<100	<5	<5	<5	<5	<5	4J	24	<5	<5	<5	<5
MW-203	UG/L	8/2/2006	240	3.1	<2	<2	<2	<2	<5	<50	<5	<2	<2	<2	<2	4.4	18	<5	<2	<2	11
MW-203	UG/L	11/9/2006	260	2.5	<2	<2	<2	<2	<5	<50	<5	<2	<2	<2	<2	4.8	20	<5	<2	<2	10
MW-203	UG/L	2/8/2007	150	2	<2	<2	<2	<2	<5	<50	<5	<2	<2	<2	<2	3.4	21	<5	<2	<2	9.7
MW-203	UG/L	5/10/2007	170	1	<2	<2	<2	<2	0.7	28	<5	<2	<2	<2	<2	2.8	14	<5	0.75	<2	7.8
MW-203	UG/L	8/9/2007	270	0.88	<2	<2	<2	<2	0.59	27	<5	<2	<2	<2	<2	2.4	16	<5	0.77	<2	8.5
MW-203	UG/L	11/7/2007	65	0.78	<0.36	<0.25	<0.6	<0.3	0.69	28	<0.41	<0.23	<0.26	<0.32	<0.26	2.5	18	<0.42	0.76	<0.28	8
MW-203	UG/L	2/5/2008	87	1.4	<2	<2	<2	<2	0.63	32	<5	<2	<2	<2	<2	2.4	19	<5	0.77	<2	8.7
MW-203	UG/L	1/19/2009	65	0.53	<2	<2	<2	<2	0.84	40	<5	<2	<2	<2	<2	3	20	<5	0.92	<2	7.6
MW-203	UG/L	4/23/2009	69	0.63	<2	<2	<2	<2	3.1	36	<5	<2	<2	<2	<2	1.8	12	<5	0.58	<2	4.9
MW-204	UG/L	6/1/1988		19	<5	<5															
MW-204	UG/L	9/1/1988		6	<5	<5															
MW-204	UG/L	12/1/1988		33	<5	<5															
MW-204	UG/L	3/1/1989		39	<5	<5															
MW-204	UG/L	6/1/1989		76	<5	<5															
MW-204	UG/L	9/1/1989		64	<5	<5															
MW-204	UG/L	12/1/1989		160	<5	<5															
MW-204	UG/L	3/1/1990		9	<5	<5															
MW-204	UG/L	6/1/1990		2	<5	<5															
MW-204	UG/L	9/1/1990		25	<5	<5															
MW-204	UG/L	12/1/1990		<5	<5	<5															
MW-204	UG/L	3/1/1991		<5	<5	<5															
MW-204	UG/L	6/1/1991		<5	<5	<5															
MW-204	UG/L	9/1/1991		27	<5	<5															
MW-204	UG/L	12/1/1991		47	<5	<5															
MW-204	UG/L	3/1/1992		90	<5	<5															
MW-204	UG/L	6/1/1992		110	71	<5															
MW-204	UG/L	9/1/1992		90	20	<5															
MW-204	UG/L	12/1/1992		2700	3700	<5															
MW-204	UG/L	4/1/1993		130	28	21															

Table III
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Location	Date	Unit	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	UG/L	5/1/1993		780	<50	<50															
MW-204	UG/L	5/25/1993		780	<50	<50															
MW-204	UG/L	12/1/1994		5500	630	190															
MW-204	UG/L	3/1/1995		5000	77	120															
MW-204	UG/L	9/1/1995		6900	4700	650															
MW-204	UG/L	12/13/1995	12000000	880	670	240															
MW-204	UG/L	8/1/1996	14000	1400	1300	520			32					<1	1.1	<1	2.9	<1	3.3	7.2	5.2
MW-204	UG/L	12/17/1996	2100	750	58	<50			<200		<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<100
MW-204	UG/L	1/21/1998	6000	2300	79	210			5.1		65	90	23	<5	<5	<5	<5	<5	<5	<5	9
MW-204	UG/L	8/21/1998	11000	5100	510	520			<50		<100	200	<50	<50	<50	<50	<50	<50	<50	150	<100
MW-204	UG/L	1/28/1999	10000	3300	120	530			5.2		94	250	61	<50	<50	<50	<50	<50	<50	<50	12
MW-204	UG/L	7/19/1999	1900	560	<10	110			27		<100	47	11	<10	<10	<10	<10	<10	<10	<5	<5
MW-204	UG/L	1/11/2000	2100	270	<10	<10			<10		<100	<10	<10	<10	<10	<10	<10	<10	<10	<5	<5
MW-204	UG/L	8/3/2000	1300	400	<5	12			<5		<10	<5	<5	<5	<5	<5	<5	<5	<5	<2.5	<2.5
MW-204	UG/L	2/8/2001	1200	55	1.4	<1			<1		<10	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<0.5
MW-204	UG/L	7/24/2001	1200	200	<1	12			1.6		<10	<1	<1	<1	<1	<1	1.5	<1	4.7	<0.5	<0.5
MW-204	UG/L	5/9/2002	1400	250	37	120			<2	170000	<20	26	8.9	<2	<2	<2	2.7	<2	3.5	<1	3.5
MW-204	UG/L	9/26/2002	560	67	2.5	19			<2	200000	<20	22	7.7	<2	<2	<2	3.6	<2	<2	<1	3.4
MW-204	UG/L	6/30/2004	260	30	<5	7.6	6	<0.5	<5	150	4J	6.8	2J	<5	<5	<5	4J	<5	<5	<5	<5
MW-204	UG/L	10/7/2005	340	5.7	<1	4.2	2.1	<1	<1	90	<10	2.3	1.2	<1	<1	<1	3.4	<1	<1	1.6	<0.5
MW-204	UG/L	2/15/2006	111	1.5	<5	2.5	1.4	<5	<1	91	<5	2.6	1.2	<5	<5	<5	2.6	<5	<5	<5	<5
MW-204	UG/L	8/1/2006	260	<2	<2	9.5	8.1	<2	<5	67	<5	14	6.7	<2	<2	<2	3.9	<5	<2	<2	<5
MW-204	UG/L	11/10/2006	81	<2	<2	<2	<2	<2	<5	<50	<5	<2	<2	<2	<2	<2	5.5	<5	<2	<2	<5
MW-204	UG/L	2/7/2007	360	4.9	<2	11	14	<2	<5	64	5.6	25	16	<2	<2	<2	2.8	<5	<2	<2	<5
MW-204	UG/L	11/6/2007	53	<0.28	<0.36	<0.25	<0.6	<0.3	<0.32	81	<0.41	0.65	0.42	<0.32	<0.26	<0.27	2.2	<0.42	<0.27	0.4	<0.3
MW-204	UG/L	2/4/2008	37	<2	<2	<2	<2	<2	<5	71	0.42	0.38	<2	<2	<2	<2	1.6	<5	<2	0.37	<5
MW-204	UG/L	4/23/2009	110	<2	<2	<2	<2	<2	<5	71	0.51	0.74	0.84	<2	<2	<2	5.9	<5	<2	<2	<5
MW-205	UG/L	6/1/1988		13	<5	<5															
MW-205	UG/L	9/1/1988		27	<5	<5															
MW-205	UG/L	12/1/1988		120	<5	<5															
MW-205	UG/L	3/1/1989		40	<5	<5															
MW-205	UG/L	6/1/1989		120	<5	<5															
MW-205	UG/L	9/1/1989		81	<5	<5															
MW-205	UG/L	12/1/1989		170	<5	<5															
MW-205	UG/L	3/1/1990		140	<5	<5															
MW-205	UG/L	6/1/1990		56	<5	<5															
MW-205	UG/L	9/1/1990		45	<5	<5															
MW-205	UG/L	12/1/1990		47	<5	<5															
MW-205	UG/L	3/1/1991		40	<5	<5															
MW-205	UG/L	6/1/1991		<5	<5	<5															
MW-205	UG/L	9/1/1991		43	<5	<5															
MW-205	UG/L	12/1/1991		85	<5	<5															

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Location	Date	Unit	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	UG/L	3/1/1992		35	<5	<5															
MW-205	UG/L	6/1/1992		6	<5	<5															
MW-205	UG/L	9/1/1992		5	<5	<5															
MW-205	UG/L	12/1/1992		10	<5	<5															
MW-205	UG/L	3/1/1993		<5	<5	<5															
MW-205	UG/L	5/1/1993		22	<5	<5															
MW-205	UG/L	5/25/1993		22	<5	<5															
MW-205	UG/L	11/1/1993		32	<5	<5															
MW-205	UG/L	12/1/1994		<5	<5	<5															
MW-205	UG/L	3/1/1995		<5	<5	<5															
MW-205	UG/L	9/1/1995		5.3	<2	<2															
MW-205	UG/L	12/13/1995	2100	110	1.3	18								2.8	80	5.3	51	22	7.3	2	
MW-205	UG/L	7/31/1996	<100	5.1	<2	<2			<10					3.5	84	<0.3	30	14	2.8	<0.3	<0.3
MW-205	UG/L	12/16/1996	270	<2	<2	<2			2		<2	<2	<2	<2	45	<2	35	7.1	<2	<2	<4
MW-205	UG/L	1/20/1998	190	<5	<5	<5			<5		<10	<5	<5	<5	48	<5	27	8.7	<5	<5	<10
MW-205	UG/L	8/21/1998	17	<5	<5	<5			<5		<10	<5	<5	<5	62	<5	32	10	<5	<5	<10
MW-205	UG/L	1/26/1999	220	6.87	<5	<5			<5		<10	<5	<5	<5	25.1	<5	26.1	<5	<5	<5	<10
MW-205	UG/L	7/19/1999	<500	10	<1	<1			<1		<10	<1	<1	<1	12	1.8	23	2.6	<1	<0.5	<0.5
MW-205	UG/L	1/11/2000	790	26	1.3	2			<1		<10	<1	<1	<1	<1	<1	13	<1	<1	<0.5	13
MW-205	UG/L	8/2/2000	<500	11	<1	<1					<10	<1	<1	<1	<1	<1	6	<1	<1	<0.5	<0.5
MW-205	UG/L	2/7/2001	540	37	<1	12			<1		<10	1.7	8.5	<1	1.1	<1	5.2	<1	<1	<0.5	0.96
MW-205	UG/L	7/26/2001	380	21	<1	1.1			<1		<10	<1	<1	<1	1.1	<1	17	1.5	<1	<0.5	<0.5
MW-205	UG/L	5/8/2002	260	9.7	<1	<1			<1	<10000	<10	<1	<1	<1	11	<1	22	1.1	<1	<0.5	0.65
MW-205	UG/L	9/25/2002	300	24	<1	<1			<1	4000	<10	<1	1.1	<1	<1	<1	10	<1	<1	<0.5	4.7
MW-205	UG/L	6/30/2004	<200	3J	<5	<5	<0.5	<0.5	<5	<100	<5	<5	<5	<5			6.5	<5	<5	<5	<5
MW-205	UG/L	10/6/2005	850	55	<1	<1	<1	<1	<1	<10	<10	<1	<1	<1	<1	<1	4.2	<1	<1	<0.5	<0.5
MW-205	UG/L	2/15/2006	411	35	<5	<5	<5	<5	<1	<10	<5	<5	<5	<5	<5	<5	19	<5	<5	<5	<5
MW-205	UG/L	8/2/2006	560	40	<2	<2	<2	<2	<5	<50	<5	<2	<2	<2	<2	<2	35	<5	<2	<2	<5
MW-205	UG/L	11/8/2006	360	7	<2	<2	<2	<2	<5	<50	<5	<2	<2	<2	<2	<2	48	<5	<2	<2	<5
MW-205	UG/L	2/7/2007	150	24	<2	<2	<2	<2	<5	<50	<5	<2	<2	<2	<2	<2	32	<5	<2	<2	<5
MW-205	UG/L	5/9/2007	190	7.4	<2	<2	<2	<2	<5	<50	<5	<2	<2	<2	<2	0.85	40	0.95	<2	0.54	0.41
MW-205	UG/L	8/8/2007	290	6	<2	<2	<2	<2	<5	<50	<5	<2	<2	<2	0.3	<2	29	0.88	<2	1.2	0.65
MW-205	UG/L	11/6/2007	330	12	<0.36	<0.25	<0.6	<0.3	<0.32	12	<0.41	<0.23	<0.26	<0.32	<0.26	0.7	23	0.85	<0.27	1.8	1.5
MW-205	UG/L	2/5/2008	260	4.9	<2	<2	<2	<2	<5	9.2	<5	<2	<2	<2	0.28	<2	14	<5	<2	2	1.8
MW-205	UG/L	1/19/2009	<380	150	0.86	2	<4	<4	<10	13	<10	<4	<4	<4	<4	<4	3	<10	<4	<4	<10
MW-205	UG/L	4/22/2009	<320	96	<2	0.38	<2	<2	<5	33	<5	<2	<2	<2	<2	<2	0.6	<5	<2	<2	<5
MW-206	UG/L	6/1/1988		5800	2400	2100															
MW-206	UG/L	9/1/1988		4200	1000	2000															
MW-206	UG/L	12/1/1988		4300	920	2100															
MW-206	UG/L	3/1/1989		2700	3200	2400															
MW-206	UG/L	6/1/1989		3100	1200	2300															
MW-206	UG/L	9/1/1989		4500	620	2400															

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Location	Date	Unit	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	UG/L	12/1/1989		3200	1000	2000															
MW-206	UG/L	3/1/1990		3700	1700	2600															
MW-206	UG/L	6/1/1990		3700	960	2000															
MW-206	UG/L	9/1/1990		5100	2100	2300															
MW-206	UG/L	12/1/1990		7100	2100	2400															
MW-206	UG/L	3/1/1991		4900	2600	2200															
MW-206	UG/L	6/1/1991		5220	1080	2400															
MW-206	UG/L	9/1/1991		4500	2100	2000															
MW-206	UG/L	12/1/1991		3400	720	2500															
MW-206	UG/L	3/1/1992		2000	470	2500															
MW-206	UG/L	6/1/1992		3200	420	2100															
MW-206	UG/L	9/1/1992		9900	1400	3200															
MW-206	UG/L	12/1/1992		13000	2000	6000															
MW-206	UG/L	12/1/1994		8400	4900	1800															
MW-206	UG/L	3/1/1995		9000	720	2000															
MW-206	UG/L	9/1/1995		6200	800	1600															
MW-206	UG/L	12/13/1995	12000	110	16	32															
MW-206	UG/L	7/31/1996	33000	570	110	420			510					<0.3	1.4	<0.3	20	22	8.8	5.8	<0.3
MW-206	UG/L	12/18/1996	8200	2200	<100	1200			<20		130	190	140	<100	<100	<100	<100	<100	<100	<100	<200
MW-206	UG/L	1/21/1998	13000	1500	290	1600			<5		59	35	12	<5	<5	<5	130	82	<5	<5	<10
MW-206	UG/L	8/20/1998	NS	NS	NS	NS			NS		NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-501	UG/L	3/1/1995		4200	230	1000															
MW-501	UG/L	9/1/1995		2400	270	<200															
MW-501	UG/L	12/13/1995	69000	1600	100	880											8.5	1	1.6	3.2	
MW-501	UG/L	7/31/1996	18000	1700	73	220			180					<0.3	0.39	<0.3	7.2	<0.3	0.81	1.3	<0.3
MW-501	UG/L	12/18/1996	6800	1200	<50	510			<10		<50	310	130	<50	<50	<50	<50	<50	<50	<50	<100
MW-501	UG/L	1/21/1998	950	260	<5	11			<5		<10	9.3	<5	<5	<5	<5	<5	<5	<5	<5	<10
MW-501	UG/L	8/20/1998	NS	NS	NS	NS			NS		NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-501	UG/L	1/26/1999	NS	NS	NS	NS			NS		NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-501A	UG/L	8/3/2006	24000	6300	32	170	50	6.1	700	84	32	6.2	25	<2	<2	<2	<2	<5	<2	<2	<5
MW-501A	UG/L	11/10/2006	13000	3300	<40	100	<40	<40	1100	<1000	<100	<40	<40	<40	<40	<40	<40	<100	<40	<40	<100
MW-501A	UG/L	2/12/2007	<13000	3800	<40	130	<40	<40	1100	<1000	<100	<40	44	<40	<40	<40	<40	<100	<40	<40	<100
MW-501A	UG/L	5/11/2007	9100	2000	<100	84	<100	<100	640	<2500	<250	<100	24	<100	<100	<100	<100	<250	<100	<100	<250
MW-501A	UG/L	8/10/2007	7100	1100	15	49	28	3.1	630	54	<50	3.6	27	<20	<20	<20	<20	<50	<20	<20	<50
MW-501A	UG/L	11/8/2007	7700	1400	11	13	13	<6	410	<98	<8.2	<4.6	17	<6.4	<5.2	<5.4	<6.4	<8.4	<5.4	<5.6	<6
MW-501-A	UG/L	7/19/1999	7500	1300	<25	<25			<25		<250	<25	<25	<25	<25	<25	<25	<13	<25	<13	<13
MW-501-A	UG/L	1/13/2000	9200	1600	18	<10			<10		<100	<10	<10	<10	<10	<10	<10	<10	<10	<5	<5
MW-501-A	UG/L	8/2/2000	7100	980	11	12					<10	<10	<10	<10	<10	<10	<10	<10	<10	<5	<6
MW-501-A	UG/L	2/7/2001	6600	680	<10	10			<10		<100	<10	<10	<10	<10	<10	<10	<10	<10	<5	6.5
MW-501-A	UG/L	7/25/2001	5700	140	<10	<10			85		<100	<10	<10	<10	<10	<10	<10	<10	13	<5	<5
MW-501-A	UG/L	5/8/2002	7000	690	4.3	6.8			130	<20000	<20	<2	<2	<2	<2	<2	<2	<2	4.2	<1	2.4

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Location	Date	Unit	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	UG/L	9/26/2002	6500	520	<10	<10			570	<100000	<100	<10	<10	<10	<10	<10	<10	<10	<10	<5	5.5
MW-502	UG/L	6/1/1988		950	79	62															
MW-502	UG/L	9/1/1988		1300	180	2800															
MW-502	UG/L	12/1/1988		6500	860	1500															
MW-502	UG/L	3/1/1989		5300	1200	1900															
MW-502	UG/L	9/1/1994		9800	860	1900															
MW-502	UG/L	12/1/1994		8400	1600	1600															
MW-502	UG/L	3/1/1995		18000	480	2100															
MW-502	UG/L	9/1/1995		15000	690	3300															
MW-502	UG/L	12/13/1995	220000	6900	950	3300											6.9		0.89	6.1	
MW-502	UG/L	7/13/1996	110000	13000	400	1800			1000					<0.3	0.52	<0.3	6.8	0.76	<0.3	12	<0.3
MW-502	UG/L	12/18/1996	30000	11000	<500	2100			<10		<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<1000
MW-502	UG/L	1/22/1998	24000	7800	130	1300			70000		320	300	70	<25	<25	<25	<25	<25	<25	<25	<50
MW-502	UG/L	8/19/1998	86000	12000	100	1400			290000		280	340	60	<5	<5	<5	10	<5	<5	<5	<10
MW-502	UG/L	1/26/1999	120000	8800	80.4	1030			119000		255	179	47.1	<5	<5	<5	10.4	<5	<5	<5	<10
MW-502	UG/L	7/19/1999	48000	11000	<5000	<5000			92000		<50000	<5000	<5000	<5000	<5000	<5000	<5000	<5000	<5000	<2500	<2500
MW-502	UG/L	1/13/2000	25000	8100	<1000	<1000			8700		<10000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<500	<500
MW-502	UG/L	8/2/2000	23000	6300	100	250			4500		160	<100	<100	<100	<100	<100	<100	<100	<100	<50	<50
MW-502	UG/L	2/7/2001	18000	5000	82	230			6500		<500	<50	<50	<50	<50	<50	<50	<50	<50	<50	<25
MW-502	UG/L	7/25/2001	24000	6500	170	400			18000		<500	89	<50	<50	<50	<50	<50	<50	<50	<50	<25
MW-502	UG/L	5/9/2002	25000	4300	<200	390			14000	<2000000	<2000	<200	<200	<200	<200	<200	<200	<200	<200	<100	<100
MW-502	UG/L	9/26/2002	11000	4000	<100	540			9400	<1000000	<1000	100	<100	<100	<100	<100	<100	<100	<100	<50	<50
MW-502	UG/L	10/5/2005	15000	900	<100	430	110	<100	15000	<1000	<1000	<100	110	<100	<100	<100	<100	<100	<100	<50	<50
MW-502	UG/L	2/14/2006	47600	1280	32	616	182	<50	29300	<100	183	86	139	<50	<50	<50	<50	<50	<50	<50	<50
MW-502	UG/L	8/4/2006	20000	2500	38	160	730	<50	29000	790	130	160	98	<2	<2	<2	<2	<5	<2	<2	<5
MW-502	UG/L	11/10/2006	35000	1800	51	820	250	<40	19000	<1000	290	110	240	<40	<40	<40	<40	<100	<40	<40	<100
MW-502	UG/L	2/9/2007	15000	2200	<400	500	560	<400	23000	<10000	<1000	<400	<400	<400	<400	<400	<400	<1000	<400	<400	<1000
MW-502	UG/L	5/11/2007	25000	4000	59	500	720	<200	29000	<5000	170	400	250	<200	<200	<200	<200	<500	<200	<200	<500
MW-502	UG/L	8/10/2007	<30000	3300	50	420	480	<100	34000	610	92	200	200	<100	<100	<100	<100	<250	<100	<100	<250
MW-502	UG/L	11/8/2007	19000	2100	<72	530	140	<60	16000	<980	230	50	100	<64	<52	<54	<64	<84	<54	<56	<60
MW-502	UG/L	2/11/2008	26000	3900	52	430	120	<200	27000	<5000	270	30	98	<200	<200	<200	<200	<500	<200	<200	<500
MW-503	UG/L	6/1/1988		600	140	340															
MW-503	UG/L	9/1/1988		800	280	300															
MW-503	UG/L	12/1/1988		1500	570	380															
MW-503	UG/L	3/1/1989		400	190	360															
MW-503	UG/L	6/1/1989		600	340	630															
MW-503	UG/L	9/1/1989		990	550	200															
MW-503	UG/L	12/1/1989		270	180	180															
MW-503	UG/L	3/1/1990		310	140	140															
MW-503	UG/L	6/1/1990		34	24	110															
MW-503	UG/L	9/1/1990		170	110	140															

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Location	Date	Unit	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	UG/L	12/1/1990		2100	1300	100															
MW-503	UG/L	3/1/1991		900	650	250															
MW-503	UG/L	6/1/1991		1040	700	330															
MW-503	UG/L	12/1/1992		3300	750	340															
MW-503	UG/L	3/1/1993		2900	400	<250															
MW-503	UG/L	12/1/1994		240	22	66															
MW-503	UG/L	3/1/1995		390	55	100															
MW-503	UG/L	9/1/1995		530	93	130															
MW-503	UG/L	12/13/1995	8200	340	79	190									85	1.2	38	120	15	6.5	1.4
MW-503	UG/L	7/31/1996	5100	150	49	25			<10					90	130	<0.3	36	150	15	3.1	<0.3
MW-503	UG/L	12/18/1996	4600	210	19	140			<20		28	63	23	14	270	<10	40	320	<10	<10	<20
MW-503	UG/L	1/21/1998	3100	210	31	280			<5		17	5.8	14	<5	460	27	67	210	9.6	<5	<10
MW-503	UG/L	8/19/1998	960	72	7.9	53					5.3	5	<5	<5	63	71	41	37	<5	<5	<10
MW-503B	UG/L	2/9/1999	10000	970	<50	420					<50	<50	<50	<50	<50	150	110	61	<50	<50	<100
MW-503B	UG/L	7/19/1999	7800	630	<20	540			<20		<200	<20	<20	<20	25	250	180	82	<20	<10	<10
MW-503B	UG/L	1/14/2000	14000	1000	32	870			<20		<200	<20	<20	<20	<20	200	210	90	<20	<10	<10
MW-503B	UG/L	8/4/2000	5600	610	19	500			<10		23	<10	<10	<10	<10	160	140	36	<10	<5	<5
MW-503B	UG/L	2/6/2001	5800	250	<20	320			<20		<200	<20	<20	<20	<20	150	84	25	<20	<10	<10
MW-503B	UG/L	7/25/2001	5700	280	<50	230			<50		<500	<50	<50	<50	<50	57	<50	<50	<50	<25	<25
MW-503B	UG/L	5/9/2002	4500	81	3.5	77			<2	<20000	26	2.5	2.2	<2	<2	23	23	5	<2	<1	7.7
MW-503B	UG/L	9/26/2002	3300	36	9.6	140			<1	<10000	48	2.5	3.7	<1	<1	16	18	1.1	<1	<0.5	10
MW-503B	UG/L	7/1/2004	5900	160	37	89	42	<0.5	<5	<100	42	3J	4J	<5	<5		3J	<5	<5	<5	<5
MW-503B	UG/L	10/5/2005	5400	1100	<20	73	38	<20	<20	<200	<200	<20	<20	<20	<20	<20	<20	<20	<20	<10	<10
MW-503B	UG/L	2/14/2006	5450	331	<50	12	<250	<250	<10	<100	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50
MW-503B	UG/L	8/4/2006	4700	31	<2	3.5	2.1	2	7.6	<50	<5	<2	<2	<2	<2	3.1	7.2	<5	<2	<2	5.8
MW-503B	UG/L	11/10/2006	3500	26	<4	4.7	<4	<4	<10	<100	<10	<4	<4	<4	<4	<4	4.9	<10	<4	<4	<10
MW-503B	UG/L	2/9/2007	1600	59	<2	<2	<2	<2	<5	<50	<5	<2	<2	<2	<2	2.2	11	<5	<2	<2	5.4
MW-503B	UG/L	5/11/2007	1800	60	0.58	2.1	1	<2	1.3	<50	1.5	<2	0.61	<2	<2	2.6	17	0.87	0.63	0.47	7.4
MW-503B	UG/L	8/10/2007	1800	80	0.62	1.7	1.1	<2	<5	<50	<5	0.23	0.44	<2	<2	2	19	0.76	0.48	0.64	7.6
MW-503B	UG/L	11/8/2007	2400	270	3.6	3.7	4.7	<1.2	2.8	<20	11	<0.92	<1	<1.3	<1	<1.1	15	<1.7	<1.1	<1.1	7
MW-503B	UG/L	2/11/2008	2700	220	3.1	3.4	3.5	<8	3.4	<200	18	<8	<8	<8	<8	1.4	21	<20	<8	<8	6.3
MW-503B	UG/L	1/21/2009	6200	410	14	39	28	<10	<25	<250	36	<10	<10	<10	<10	<10	<10	<25	<10	<10	25
MW-503B	UG/L	4/27/2009	4000	210	11	24	18	2.9	2.2	<50	29	0.53	2.9	<2	<2	<2	4.8	<5	<2	1.2	25
MW-503B	UG/L	3/8/2010	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	<1.0	<1.0	<0.50	6.7
MW-503B	UG/L	5/17/2010	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	<1.0	<1.0	1.6	5.7
MW-503B	UG/L	8/9/2010	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	<1.0	<1.0	3.8	5.4
MW-503B	UG/L	11/8/2010	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	UG/L	11/8/2010	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	UG/L	2/4/2011	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
MW-503B	UG/L	4/15/2011	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	UG/L	4/15/2011	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

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Location	Date	Unit	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-504	UG/L	12/1/1993		11000	1300	1800															
MW-504	UG/L	6/1/1994		8600	2100	<500															
MW-504	UG/L	12/1/1994		5800	700	840															
MW-504	UG/L	3/1/1995		5200	1100	1200															
MW-504	UG/L	9/1/1995		8000	1300	2200															
MW-504	UG/L	12/13/1995	99000	2700	730	800											14		13		
MW-504	UG/L	8/1/1996	80000	3400	1400	960			370					<1	0.78	0.46	20	<1	4	20	1.1
MW-504	UG/L	12/18/1996	33000	6000	2800	1000			<50		2300	5000	2100	<250	<250	<250	<250	<250	<250	<250	<500
MW-504	UG/L	1/21/1998	30000	4600	940	750			<250		360	800	340	<250	<250	<250	<250	<250	<250	<250	<500
MW-504	UG/L	8/20/1998	NS	NS	NS	NS			NS		NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-504	UG/L	1/28/1999	NS	NS	NS	NS			NS		NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-504	UG/L	7/19/1999	NS	NS	NS	NS			NS		NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-504	UG/L	1/10/2000	NS	NS	NS	NS			NS		NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-504	UG/L	7/31/2000	NS	NS	NS	NS			NS		NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-504	UG/L	2/6/2001	NS	NS	NS	NS			NS		NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-504	UG/L	7/24/2001	NS	NS	NS	NS			NS		NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-504	UG/L	5/6/2002	NS	NS	NS	NS			NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-504	UG/L	9/23/2002	NS	NS	NS	NS			NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-504	UG/L	2/16/2006	18000	675	76	262	391	120	13	<100	82	152	106	<50	<50	<50	<50	<50	<50	<50	<50
MW-504	UG/L	8/3/2006	10000	1500	51	150	360	130	9.3	<50	54	98	90	<2	<2	<2	2	<5	<2	3.9	<5
MW-504	UG/L	11/10/2006	6200	1000	<40	130	220	<40	<100	<1000	<100	49	98	<40	<40	<40	<40	<100	<40	<40	<100
MW-504	UG/L	2/9/2007	6100	140	<2	13	120	8.5	<5	98	49	38	64	<2	<2	<2	<2	<5	<2	<2	<5
MW-504	UG/L	5/11/2007	13000	1500	7.2	230	390	11	<100	<1000	80	130	110	<40	<40	<40	<40	<100	<40	<40	<100
MW-504	UG/L	8/10/2007	7100	1200	6.6	130	340	6.8	5.1	<500	54	95	89	<20	<20	<20	<20	<50	<20	<20	<50
MW-504	UG/L	11/8/2007	4700	960	7.5	120	260	7	4.9	<49	27	85	100	<3.2	<2.6	<2.7	<3.2	<4.2	<2.7	<2.8	<3
MW-504	UG/L	2/8/2008	6200	760	7.5	110	230	16	6.4	110	84	89	110	<20	<20	<20	<20	<50	<20	3.9	<50
MW-600	UG/L	8/1/1990	380000																		
MW-600	UG/L	2/20/1991	50.2	18000	9200	1300															
MW-600	UG/L	12/13/1995	3500000	23000	40000	18000															
MW-600	UG/L	8/1/1996	210000	14000	15000	3500			<10					<1	0.53	<1	3.8	<1	0.36	5.5	<1
MW-600	UG/L	12/19/1996	87000	14000	15000	1800			<10		<500	1800	580	<500	<500	<500	<500	<500	<500	<500	<1000
MW-600	UG/L	1/22/1998	NS	NS	NS	NS			NS		NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-600	UG/L	8/20/1998	NS	NS	NS	NS			NS		NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-600	UG/L	1/28/1999	NS	NS	NS	NS			NS		NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-600A	UG/L	7/19/1999	NS	NS	NS	NS			NS		NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-600A	UG/L	1/10/2000	NS	NS	NS	NS			NS		NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-600A	UG/L	7/31/2000	NS	NS	NS	NS			NS		NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-600A	UG/L	2/6/2001	NS	NS	NS	NS			NS		NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-600A	UG/L	7/24/2001	NS	NS	NS	NS			NS		NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-600A	UG/L	5/6/2002	NS	NS	NS	NS			NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-600A	UG/L	9/23/2002	NS	NS	NS	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	Date	Unit	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-601	UG/L	8/1/1990	360000																		
MW-601	UG/L	2/20/1991	24	12000	4900	1900															
MW-601	UG/L	12/13/1995	3500000	18000	17000	130000															
MW-601	UG/L	8/1/1996	250000	12000	1400	4600			<10					<1	0.51	<1	4.4	<1	1.4	2.9	1.9
MW-601	UG/L	12/19/1996	70000	10000	<500	1600			<10		<500	1100	<500	<500	<500	<500	<500	<500	<500	<500	<1000
MW-601	UG/L	1/22/1998	NS	NS	NS	NS			NS		NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-601	UG/L	8/20/1998	NS	NS	NS	NS			NS		NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-601	UG/L	1/28/1999	NS	NS	NS	NS			NS		NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-601A	UG/L	7/19/1999	42000	18000	<5000	<5000			11000		<50000	<5000	<5000	<5000	<5000	<5000	<5000	<5000	<5000	<2500	<25000
MW-601A	UG/L	1/13/2000	48000	22000	<1000	<1000			22000		<10000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<500	<1000	<500
MW-601A	UG/L	8/3/2000	34000	21000	<200	<200			5600		69	<200	<200	<200	<200	<200	<200	<200	<200	<100	<100
MW-601A	UG/L	2/7/2001	35000	16000	63	97			1200		<500	<50	<50	<50	<50	<50	<50	<50	<50	<25	<25
MW-601A	UG/L	7/24/2001	31000	15000	<100	110			2800		<100	<100	<100	<100	<100	<100	<100	<100	<100	<50	<50
MW-601A	UG/L	5/9/2002	28000	12000	<100	<100			3500	NS	<1000	<100	<100	<100	<100	<100	<100	<100	<100	<50	<50
MW-601A	UG/L	9/26/2002	11000	8000	<100	590			4000	NS	<1000	<100	<100	<100	<100	<100	<100	<100	<100	<50	<50
MW-603	UG/L	12/1/1995	<500	0.98	1.4	0.62															
MW-603	UG/L	7/30/1996	<100	0.6	<0.5	1.4			2					53	56	<0.3	6.4	30	3.9	9.5	0.45
MW-603	UG/L	12/16/1996	<100	<5	<5	<5			<2		<5	<5	<5	37	56	<5	<5	34	<5	<5	<10
MW-603	UG/L	1/22/1998	<100	<5	<5	<5			<5		<10	<5	<5	59	89	<5	9	63	5	<5	<10
MW-603	UG/L	8/19/1998	<100	<5	<5	<5					<10	<5	<5	13	31	<5	<5	14	<5	29	<10
MW-603	UG/L	1/27/1999	<100	<5	<5	<5			<5		<10	<5	<5	25	42	<5	5.3	19	<5	39	<10
MW-603	UG/L	7/19/1999	<500	<0.5	<1	<1			<1		<10	<1	<1	37	62	<1	7.4	31	3	40	<0.5
MW-603	UG/L	1/11/2000	<500	<0.5	<1	<1			<1		<1	<1	<1	56	74	<1	6.4	39	3.6	16	<0.5
MW-603	UG/L	7/31/2000	<500	<0.5	<1	<1			<1		<1	<1	<1	95	110	<1	9.3	88	6.7	7.2	0.71
MW-603	UG/L	2/7/2001	<500	<0.5	<1	<1			<1		<1	<1	<1	89	140	2.8	11	120	8.5	2.7	0.96
MW-603	UG/L	7/24/2001	190	<0.5	<1	<1			<1		<1	<1	<1	110	210	8.3	15	150	10	2.9	<0.5
MW-603	UG/L	5/7/2002	210	<1	<2	<2			<2	<20000	<20	<2	<2	170	160	3.4	9.6	120	7	<1	<1
MW-603	UG/L	9/24/2002	<100	<1	<2	<2			<2	<20000	<20	<2	<2	210	210	5.3	14	210	11	3.2	1.6
MW-603	UG/L	7/1/2004	<200	<5	0.3J	<0.5	<0.5	<0.5	<5	<100	2J	<5	<5	120	87	3J	12	80	5.7	3J	<5
MW-603	UG/L	10/6/2005	150	0.82	<1	<1	<1	<1	<1	<10	<10	<1	<1	160	150	7.3	22	100	8	12	1.6
MW-603	UG/L	2/14/2006	245	<1	<5	<5	<5	<5	1.7	18	<5	<5	<5	103	110	3.5	17	80	6	28	<5
MW-603	UG/L	8/1/2006	190	<2	<2	<2	<2	<2	<5	<50	<5	<2	<2	150	120	3.7	22	97	7.1	8	<5
MW-603	UG/L	11/7/2006	150	<2	<2	<2	<2	<2	<5	<50	<5	<2	<2	170	120	3.3	21	110	6.3	14	<5
MW-603	UG/L	2/6/2007	120	<2	<2	<2	<2	<2	<5	<50	<5	<2	<2	140	92	2.7	19	89	6	17	<5
MW-603	UG/L	8/7/2007	<110	0.28	<2	<2	<2	<2	<5	<50	<5	<2	<2	140	110	2.6	17	60	5.5	6.4	0.79
MW-603	UG/L	11/5/2007	120	0.31	<0.36	<0.25	<0.6	<0.3	<0.32	<4.9	<0.41	<0.23	<0.26	120	110	2.6	16	72	5	3.8	1.2
MW-603	UG/L	2/4/2008	120	<2	<2	<2	<2	<2	<5	<1	<5	<2	<2	110	110	2.5	15	61	3.9	2.2	<5
MW-603	UG/L	1/13/2009	75	<2	<2	<2	<2	<2	<5	<50	<5	<2	<2	74	79	2.8	17	48	4.4	5.6	<5
MW-603	UG/L	4/21/2009	59	<2	<2	<2	<2	<2	<5	<50	<5	<2	<2	90	86	2.4	17	51	3.8	2	0.99

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

Location	Date	Unit	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-604	UG/L	12/20/1995	1900	160	3.3	7.8															
MW-604	UG/L	7/30/1996	900	73	7.8	<0.5			12.4					<0.3	<0.3	<0.3	0.98	<0.3	1.7	1.1	<0.3
MW-604	UG/L	12/17/1996	710	47	<2	<2			<2		<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<4
MW-604	UG/L	1/22/1998	410	7	<5	<5			<5		<10	<5	<5	<5	<5	<5	<5	<5	<5	<5	<10
MW-604	UG/L	8/19/1998	370	<5	<5	<5					<10	<5	<5	<5	<5	<5	<5	<5	<5	<5	<10
MW-604	UG/L	1/27/1999	230	25	<5	<5			<5		<10	<5	<5	<5	<5	<5	<5	<5	<5	<5	<10
MW-604	UG/L	7/19/1999	500	14	<1	<1			<1		<10	<1	<1	<1	<1	<1	4.2	<1	<1	<0.5	<0.5
MW-604	UG/L	1/11/2000	750	21	<1	<1			<1		<10	<1	<1	<1	<1	<1	3.9	<1	<1	0.99	<0.5
MW-604	UG/L	8/3/2000	560	100	<1	<1			30		<10	<1	<1	<1	<1	<1	8.7	<1	<1	<0.5	
MW-604	UG/L	2/7/2001	1100	110	<5	<5			31		<50	<5	<5	<5	<5	<5	<5	<5	<5	<2.5	6.8
MW-604	UG/L	7/24/2001	1100	67	<1	<1			34		<10	<1	<1	<1	<1	<1	<5	<1	<1	<5	<0.5
MW-604	UG/L	5/8/2002	1400	57	<1	<1			48	NS	<10	<1	<1	<1	<1	<1	<1	<1	<1	<5	5.3
MW-604	UG/L	9/25/2002	970	36	<1	<1			84	NS	<10	<1	1.3	<1	<1	<1	<1	<1	<1	<5	4.8
MW-604	UG/L	11/8/2006	330	7.2	<2	<2	<2	<2	15	65	<5	<2	<2	<2	<2	<2	<2	<5	<2	<2	<5
MW-604	UG/L	2/7/2007	540	9.8	<2	<2	<2	<2	20	60	<5	<2	<2	<2	<2	<2	<2	<5	<2	<2	<5
MW-604	UG/L	5/8/2007	480	4.4	0.38	<2	0.81	0.48	18	57	<5	0.48	0.26	<2	<2	<2	<2	<5	<2	<2	0.87
MW-604	UG/L	8/7/2007	290	1.3	<2	<2	0.74	0.46	18	44	<5	0.23	<2	<2	<2	<2	<2	<5	<2	<2	<5
MW-604	UG/L	11/5/2007	500	1.2	0.36	<0.25	0.85	0.49	23	50	0.55	0.41	<0.26	<0.32	<0.26	<0.27	<0.32	<0.42	<0.27	<0.28	0.69
MW-605	UG/L	12/20/1995	<1000	10	<0.5	<0.5															
MW-605	UG/L	7/31/1996	<100	<0.5	<0.5	<0.5			<20					13	18	<0.3	<0.3	4.3	1.2	<0.3	<0.3
MW-605	UG/L	12/16/1996	<100	<1	<1	<1			<2		<1	<1	<1	11	2000	<1	<1	<1	<1	<1	<2
MW-605	UG/L	1/22/1998	<100	<5	<5	<5			<5		<10	<5	<5	14	32	<5	<5	6	<5	<5	<10
MW-605	UG/L	8/19/1998	<100	<5	<5	<5					<10	<5	<5	<5	<5	<5	<5	<5	<5	<5	<10
MW-605	UG/L	1/28/1999	<100	<5	<5	<5			<5		<10	<5	<5	<5	<5	<5	<5	<5	<5	<5	<10
MW-605	UG/L	7/19/1999	<500	<0.5	<1	<1			<1		<10	<1	<1	1.6	<1	3.2	<1	<1	<1	<0.5	<0.5
MW-605	UG/L	1/11/2000	<600	<0.5	<1	<1			<1		<10	<1	<1	7	36	<1	<1	3.5	1	<0.5	<0.5
MW-605	UG/L	8/2/2000	<700	<0.5	<1	<1			<1		<10	<1	<1	22	34	<1	<1	4.6	1.6	<0.5	<10
MW-605	UG/L	2/7/2001	<800	<0.5	<1	<1			<1		<10	<1	<1	7.1	25	<1	<1	2	<1	<0.5	<0.5
MW-605	UG/L	7/24/2001	<100	<0.5	<1	<1			<1		<10	<1	<1	26	10	<1	<1	1.7	<1	<0.5	<0.5
MW-605	UG/L	5/7/2002	<200	<0.5	<1	<1			<1	<10000	<10	<1	<1	19	22	<1	<1	1.8	<1	<0.5	<0.5
MW-605	UG/L	9/24/2002	<300	<0.5	<1	<1			<1	<10000	<10	<1	<1	13	33	<1	<1	2	<1	<0.5	<0.5
MW-605	UG/L	6/30/2004	<200	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<100	<5	<5	<5	5J	240	<5	<5	<5	<5	<5	<5
MW-605	UG/L	10/5/2005	<100	<0.5	<1	<1	<1	<1	<1	<10	<10	<1	<1	4.3	20	<1	<1	<1	<1	<0.5	<0.5
MW-605	UG/L	10/5/2005	<100	<0.5	<1	<1	<1	<1	<1	<10	<10	<1	<1	4.5	20	<1	<1	<1	<1	<0.5	<0.5
MW-605	UG/L	2/14/2006	53	<1	<5	<5	<5	<5	<1	<10	<5	<5	<5	5.3	21	<5	<5	<5	<5	<5	<5
MW-605	UG/L	2/14/2006	<50	<1	<5	<5	<5	<5	<1	<10	<5	<5	<5	4.2	17	<5	<5	<5	<5	<5	<5
MW-605	UG/L	8/1/2006	<50	<2	<2	<2	<2	<2	<5	<50	<5	<2	<2	8.5	26	<2	<2	<5	<2	<2	<5
MW-605	UG/L	8/1/2006	<50	<2	<2	<2	<2	<2	<5	<50	<5	<2	<2	9.2	26	<2	<2	<5	<2	<2	<5
MW-605	UG/L	11/7/2006	<50	<2	<2	<2	<2	<2	<5	<50	<5	<2	<2	20	29	<2	<2	<5	<2	<2	<5
MW-605	UG/L	11/7/2006	<50	<2	<2	<2	<2	<2	<5	<50	<5	<2	<2	21	29	<2	<2	<5	<2	<2	<5
MW-605	UG/L	2/6/2007	<50	<2	<2	<2	<2	<2	<5	<50	<5	<2	<2	35	35	<2	<2	<5	<2	<2	<5
MW-605	UG/L	5/8/2007	35	<2	<2	<2	<2	<2	<5	<50	<5	<2	<2	40	33	<2	1.6	3.7	0.68	<2	<5

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Former CENCO Refinery
Santa Fe Springs, CA

Location	Date	Unit	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	UG/L	5/8/2007	38	<2	<2	<2	<2	<2	<5	<50	<5	<2	<2	45	35	<2	1.6	3.6	0.74	<2	<5
MW-605	UG/L	8/7/2007	30	<2	<2	<2	<2	<2	<5	<50	<5	<2	<2	37	33	<2	1.2	3	0.77	<2	<5
MW-605	UG/L	11/5/2007	<30	<0.28	<0.36	<0.25	<0.6	<0.3	<0.32	<4.9	<0.41	<0.23	<0.26	20	20	<0.27	0.84	2.6	0.53	<0.28	<0.3
MW-605	UG/L	2/4/2008	<50	<2	<2	<2	<2	<2	<5	<50	<5	<2	<2	20	21	<2	1.1	4	0.62	<2	<5
MW-605	UG/L	2/4/2008	<50	<2	<2	<2	<2	<2	<5	<50	<5	<2	<2	21	21	<2	1.1	4	0.67	<2	<5
MW-606	UG/L	12/19/1995	<500	<0.5	<0.5	<0.5															
MW-606	UG/L	7/31/1996	<100	<0.5	<0.5	<0.5			<20					<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	0.96	<0.3
MW-606	UG/L	12/16/1996	<100	<1	<1	<1			<2		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2
MW-606	UG/L	1/22/1998	<100	<5	<5	<5			<5		<10	<5	<5	<5	<5	<5	<5	<5	<5	<5	<10
MW-606	UG/L	8/19/1998	170	<5	<5	<5					<10	<5	<5	<5	<5	<5	<5	<5	<5	<5	<10
MW-606	UG/L	1/28/1999	<100	<5	<5	<5			<5		<10	<5	<5	<5	<5	<5	<5	<5	<5	<5	<10
MW-606	UG/L	7/19/1999	<500	<0.5	<1	<1			<1		<10	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<0.5
MW-606	UG/L	1/11/2000	<500	<0.5	<1	<1			1.2		<10	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<0.5
MW-606	UG/L	8/2/2000	<500	<0.5	<1	<1					<10	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<0.5
MW-606	UG/L	2/7/2001	<500	<0.5	<1	<1			<1		<10	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<0.5
MW-606	UG/L	7/24/2001	<100	<0.5	<1	<1					<10	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<0.5
MW-606	UG/L	5/7/2002	<100	<0.5	<1	<1			<100	<10000	<10	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<0.5
MW-606	UG/L	9/24/2002	<100	<0.5	<1	<1			<100	<10000	<10	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<0.5
MW-606	UG/L	6/30/2004	<200	<0.5	<0.5	<0.5	<0.5	<0.5	3J	<100	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
MW-606	UG/L	10/5/2005	240	5.6	<1	<1	<1	<1	4.8	42	<10	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	3.2
MW-606	UG/L	2/14/2006	<50	<1	<5	<5	<5	<5	<1	<10	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
MW-606	UG/L	8/1/2006	<50	<2	<2	<2	<2	<2	<5	<50	<5	<2	<2	<2	<2	<2	<2	<5	<2	<2	<5
MW-606	UG/L	11/7/2006	<50	<2	<2	<2	<2	<2	<5	<50	<5	<2	<2	<2	<2	<2	<2	<5	<2	<2	<5
MW-606	UG/L	2/6/2007	<50	<2	<2	<2	<2	<2	<5	<50	<5	<2	<2	<2	<2	<2	<2	<5	<2	<2	<5
MW-606	UG/L	5/8/2007	<50	<2	<2	<2	<2	<2	<5	<50	<5	<2	<2	<2	<2	<2	<2	<5	<2	<2	<5
MW-606	UG/L	8/7/2007	<50	<2	<2	<2	<2	<2	0.9	<50	<5	<2	<2	<2	<2	<2	<2	<5	<2	<2	<5
MW-606	UG/L	11/5/2007	<30	<0.28	<0.36	<0.25	<0.6	<0.3	0.32	<4.9	<0.41	<0.23	<0.26	<0.32	<0.26	<0.27	<0.32	<0.42	<0.27	<0.28	<0.3
MW-606	UG/L	2/4/2008	<50	<2	<2	<2	<2	<2	<5	<50	<5	<2	<2	<2	<2	<2	<2	<5	<2	<2	<5
MW-606	UG/L	1/13/2009	<50	<2	<2	<2	<2	<2	<5	<50	<5	<2	<2	<2	<2	<2	<2	<5	<2	<2	<5
MW-606	UG/L	4/21/2009	<50	<2	<2	<2	<2	<2	<5	<50	<5	<2	<2	<2	<2	<2	<2	<5	<2	<2	<5
MW-607	UG/L	12/19/1995	1200	33	35	1.7															
MW-607	UG/L	7/31/1996	900	19	5	2.8			12					<0.3	<0.3	<0.3	<0.3	<0.3	0.68	<0.3	1.1
MW-607	UG/L	12/17/1996	1000	21	<1	<1			<2		2	<1	1.7	<1	<1	<1	<1	<1	<1	<1	<2
MW-607	UG/L	1/22/1998	1200	220	<25	<25			400		<50	<25	<25	<25	<25	<25	<25	<25	<25	220	<50
MW-607	UG/L	8/19/1998	260	17	<5	<5			12		<10	<5	<5	<5	<5	<5	<5	<5	<5	<5	<10
MW-607	UG/L	1/27/1999	1760	220	<5	<5			6.2		<10	<5	<5	<5	<5	<5	<5	<5	<5	<5	<10
MW-607	UG/L	7/19/1999	1200	260	<5	<5			<5		<50	<5	<5	<5	<5	<5	<5	<5	<5	<2.5	<2.5
MW-607	UG/L	1/11/2000	1200	170	<2	<2			4.5		<20	<2	<2	<2	<2	<2	<2	<2	<2	<1	<1
MW-607	UG/L	7/31/2000	540	110	<2	<2			6.2		<10	<2	<2	<2	<2	<2	<2	<2	<2	<1	1.1
MW-607	UG/L	2/7/2001	50	12	<1	<1			<1		<10	<1	<1	<1	<1	<1	1.1	<1	<1	<0.5	0.55
MW-607	UG/L	7/24/2001	590	13	<1	<1			<1		<10	<1	<1	<1	<1	<1	1.4	<1	<1	<0.5	<0.5

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

Location	Date	Unit	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	UG/L	5/7/2002	490	5.4	<1	<1			<1	91000	<10	<1	<3	<1	<1	<1	1.7	<1	<1	<0.5	<0.5
MW-607	UG/L	9/24/2002	110	<0.5	<1	<1			4.2	76000	<10	<1	<3	<1	<1	<1	2	<1	<1	<0.5	<0.5
MW-607	UG/L	6/30/2004	540	10	<0.5	<0.5	1.4	<0.5	4J	50J	<5	<5	3J	<5	<5	<5	<5	<5	<5	<5	3J
MW-607	UG/L	10/5/2005	760	1.2	<1	<1	<1	<1	1.7	74	<10	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	1.2
MW-607	UG/L	2/14/2006	373	<1	<5	<5	<5	<5	2.1	57	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	1
MW-607	UG/L	8/1/2006	350	<2	<2	<2	<2	<2	<5	120	<5	<2	<2	<2	<2	<2	<2	<5	<2	<2	<5
MW-607	UG/L	11/7/2006	210	<2	<2	<2	<2	<2	<5	77	<5	<2	<2	<2	<2	<2	<2	<5	<2	<2	<5
MW-607	UG/L	2/6/2007	590	<2	<2	<2	<2	<2	<5	130	<5	<2	<2	<2	<2	<2	<2	<5	<2	<2	<5
MW-607	UG/L	5/8/2007	330	<2	<2	<2	<2	<2	2.3	110	<5	<2	<2	<2	<2	<2	<2	<5	<2	<2	<5
MW-607	UG/L	8/7/2007	320	0.5	<2	<2	<2	<2	4	120	<5	<2	<2	<2	<2	<2	<2	<5	0.33	0.53	1.2
MW-607	UG/L	11/5/2007	440	0.5	<0.36	<0.25	<0.6	<0.3	3.1	140	<0.41	<0.23	<0.26	<0.32	<0.26	<0.27	<0.32	<0.42	0.29	0.38	0.99
MW-607	UG/L	2/4/2008	790	<2	<2	<2	<2	<2	5.6	230	2.8	0.45	<2	<2	<2	<2	<2	<5	0.4	0.53	1.3
MW-701	UG/L	2/4/2011	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	UG/L	4/11/2011	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-702	UG/L	2/4/2011	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	UG/L	4/12/2011	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-703	UG/L	2/4/2011	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	UG/L	4/12/2011	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-704	UG/L	2/9/2011	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	UG/L	2/9/2011	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	UG/L	4/13/2011	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-705	UG/L	2/4/2011	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	UG/L	4/12/2011	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-706	UG/L	2/4/2011	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	UG/L	4/11/2011	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-707	UG/L	2/4/2011	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	UG/L	4/8/2011	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-708	UG/L	2/4/2011	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-709	UG/L	2/4/2011	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	UG/L	4/6/2011	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-710	UG/L	2/8/2011	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	UG/L	2/8/2011	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	UG/L	4/7/2011	<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

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

Location	Date	Unit	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-710	UG/L	4/7/2011	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-711	UG/L	2/8/2011	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	UG/L	4/6/2011	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-712	UG/L	2/9/2011	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	UG/L	4/7/2011	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-713	UG/L	2/9/2011	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	UG/L	4/8/2011	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-714	UG/L	2/14/2011	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	UG/L	4/7/2011	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-715	UG/L	2/14/2011	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	UG/L	4/8/2011	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
W-1	UG/L	6/1/1989	1700	46	<1	<1			2.7		<10	<1	<1	<1	<1	<1	1.2	<1	1.5	<0.5	13
W-1	UG/L	11/1/1989		390	3.9	2.1								<0.5A	<0.5A	<0.5A		<0.6A	3.5A	<0.5A	21
W-1	UG/L	3/1/1990		140	<5	<5								<5	<5	<10		<5	<5	<5	<20
W-1	UG/L	4/1/1990		200	12	12								<5	<5	<5	<25	<5	1.6	<5	<5
W-1	UG/L	12/18/1996	800	78	<5	<5			<10		10	<5	<5	<5	<5	<5	<5	<5	<5	<5	<10
W-1	UG/L	1/14/1998	1100	62	<5	<5			<5		<10	<5	<5	<5	<5	<5	<5	<5	<5	<5	16
W-1	UG/L	8/20/1998	1200	79	<5	<5			14		<10	<5	<5	<5	<5	<5	8.6	<5	8.4	<5	26
W-1	UG/L	1/29/1999	1400	57	<5	<5			<5		<10	<5	<5	<5	<5	<5	<5	<5	<5	<5	18
W-1	UG/L	7/19/1999	1500	48	<2	<2			<2		<20	<2	<2	<2	<2	<2	<2	<2	<2	<1	<1
W-1	UG/L	8/3/2000	880	29	<1	<1			10		<10	<1	<1	<1	<1	<1	1.6	<1	1.6	<0.5	7.3
W-1	UG/L	2/8/2001	<500	21	<1	<1			68		<10	<1	<1	<1	<1	<1	2.3	<1	<1	<0.5	6.3
W-1	UG/L	7/26/2001	620	18	<1	<1			62		<10	<1	<1	<1	<1	<1	2.8	<1	1.8	<0.5	6.8
W-1	UG/L	5/8/2002	280	7.7	<1	<1			5.9	44000	<10	<1	<1	<1	<1	<1	3.1	<1	<1	<0.5	6.4
W-1	UG/L	9/25/2002	210	12	<1	<1			1.9	30000	<10	<1	<1	<1	<1	<1	6.5	<1	<1	<0.5	14
W-1	UG/L	7/1/2004	460	14	2.8	1.5	<0.5	<0.5	3J	<100	<5	<5	<5	<5	<5	4J	9.3	<5	1J	<5	2
W-1	UG/L	10/6/2005	310	43	<1	<1	<1	<1	25	34	<10	<1	<1	<1	<1	1.6	<1	<1	<1	<0.5	7.1
W-1	UG/L	2/15/2006	266	32	<5	<5	<5	<5	22	37	<5	<5	<5	<5	<5	1.3	<5	<5	<5	<5	3.3
W-1	UG/L	8/3/2006	1100	86	<2	<2	<2	<2	77	100	<5	<2	<2	<2	<2	<2	<2	<5	<2	<2	<5
W-1	UG/L	11/9/2006	470	100	<2	<2	<2	<2	65	78	<5	<2	<2	<2	<2	<2	<2	<5	<2	<2	<5
W-1	UG/L	2/8/2007	500	77	<2	<2	<2	<2	21	<50	<5	<2	<2	<2	<2	<2	<2	<5	<2	<2	<5
W-1	UG/L	5/10/2007	890	110	0.57	0.61	<2	0.32	28	43	1	<2	<2	<2	<2	0.42	<2	<5	<2	<2	1.8
W-1	UG/L	8/9/2007	1100	140	0.84	0.84	<2	0.63	64	84	1.1	<2	<2	<2	<2	0.47	<2	<5	0.32	<2	1.9
W-1	UG/L	11/7/2007	1200	140	1.6	1.2	0.68	0.91	56	80	1.6	0.38	2.1	<0.32	<0.26	0.7	<0.32	<0.42	<0.27	<0.28	1.2
W-1	UG/L	2/7/2008	1000	96	<2	<2	<2	<2	31	51	<5	<2	<2	<2	<2	<2	<2	<5	<2	<2	<5
W-1	UG/L	1/20/2009	230	15	<2	<2	<2	<2	3.1	23	<5	<2	<2	<2	<2	0.87	<2	<5	0.58	<2	2.8
W-1	UG/L	1/20/2009	220	19	<2	<2	<2	<2	3.9	35	<5	<2	<2	<2	<2	1.1	0.4	<5	0.61	<2	3.7

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

Location	Date	Unit	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	UG/L	4/24/2009	180	3.9	<2	<2	<2	<2	<5	26	<5	<2	<2	<2	<2	1.4	<2	<5	0.74	<2	9.5
W-1	UG/L	3/5/2010	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	<1.0	<1.0	<0.50	1.3
W-1	UG/L	5/13/2010	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	<1.0	<1.0	<0.50	1.2
W-1	UG/L	8/6/2010	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	<1.0	<1.0	<0.50	<1.0
W-1	UG/L	11/5/2010	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	UG/L	2/4/2011	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	UG/L	4/14/2011	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-10	UG/L	11/8/2006	26000	8200	5000	570	2100	820	<100	<1000	340	360	110	<40	<40	<40	<40	<100	<40	<40	<100
W-10	UG/L	2/9/2007	28000	6400	2200	520	2200	710	<500	<5000	<500	280	<200	<200	<200	<200	<200	<500	<200	<200	<500
W-10	UG/L	2/9/2007	26000	5100	1600	410	1800	570	<500	<5000	<500	260	<200	<200	<200	<200	<200	<500	<200	<200	<500
W-10	UG/L	5/11/2007	7900	430	140	100	480	130	<10	84	100	130	48	<4	<4	<4	6	<10	8.2	1.2	3.6
W-10	UG/L	5/11/2007	7800	500	160	110	540	150	<25	85	150	150	53	<10	<10	<10	6.6	<25	8.8	1.4	3.9
W-10	UG/L	8/9/2007	5400	590	20	82	330	40	<25	68	59	90	33	<10	<10	<10	6.4	<25	8	<10	3
W-10	UG/L	11/9/2007	<12000	4700	460	330	1300	240	<32	<490	240	190	55	<32	<26	<27	<32	<42	<27	<28	<30
W-10	UG/L	2/8/2008	<28000	7200	280	300	1300	190	<500	<5000	140	140	38	<200	<200	<200	<200	<500	<200	<200	<500
W-10	UG/L	2/8/2008	<25000	7600	310	330	1400	200	<500	<5000	170	150	42	<200	<200	<200	<200	<500	<200	<200	<500
W-10	UG/L	1/21/2009	20000	8100	<200	440	1400	<200	<500	<5000	<500	230	<200	<200	<200	<200	<200	<500	<200	<200	<500
W-10	UG/L	4/27/2009	16000	7400	<200	490	1400	<200	<500	<5000	270	230	36	<200	<200	<200	<200	<500	<200	<200	<500
W-10	UG/L	4/27/2009	15000	5100	<200	350	830	<200	<500	<5000	220	190	31	<200	<200	<200	<200	<500	<200	<200	<500
W-10	UG/L	3/8/2010	12000	4200	4.4	200		1.6	<1.0	<10	110	93	18	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	7.3	<1.0
W-10	UG/L	3/8/2010	8600	3100	<250	<250		<250	<500	<5000	<500	<500	<500	<500	<500	<500	<500	<500	<500	<250	<500
W-10	UG/L	5/17/2010	9500	3900	7.4	230		1.9	<1.0	<10	130	70	13	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	2.7	<1.0
W-10	UG/L	5/17/2010	10000	2900	10	160		1.7	<1.0	15	110	82	14	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	4.2	<1.0
W-10	UG/L	8/9/2010	7900	2400	12	130		1.9	<1.0	93	60	62	10	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	3.0	<1.0
W-10	UG/L	11/8/2010	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	UG/L	2/8/2011	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	UG/L	4/21/2011	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-11	UG/L	11/9/2006	5200	99	12	74	240	37	<5	<50	<5	73	40	<2	<2	<2	18	<5	<2	<2	<5
W-11	UG/L	11/9/2006	12000	96	7.8	54	140	21	<5	<50	<5	60	34	<2	<2	<2	18	<5	<2	<2	<5
W-11	UG/L	2/9/2007	8000	95	14	78	280	27	<10	<100	<10	56	28	<4	<4	<4	15	<10	<4	<4	<10
W-11	UG/L	5/9/2007	540	45	1.6	19	47	3.1	<5	<50	0.68	9	4.4	<2	<2	0.41	18	<5	<2	<2	0.96
W-11	UG/L	8/8/2007	<1100	700	3.7	36	11	7.1	<5	<50	0.81	15	8.6	<2	<2	<2	9.9	<5	<2	0.29	1.1
W-11	UG/L	11/8/2007	460	61	1.2	14	37	13	<0.32	<4.9	1	35	17	<0.32	<0.26	<0.27	10	<0.42	<0.27	<0.28	<0.3
W-11	UG/L	12/8/2010	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	UG/L	2/4/2011	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	UG/L	4/15/2011	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-12	UG/L	11/8/2006	1400	<2	<2	<2	<2	<2	<5	55	<5	<2	<2	<2	<2	<2	5.4	<5	<2	<2	<5
W-12	UG/L	2/7/2007	4800	<2	<2	<2	<2	<2	<5	50	<5	<2	<2	<2	<2	<2	6.8	<5	<2	<2	<5
W-12	UG/L	5/9/2007	220	<2	<2	<2	<2	<2	<5	40	<5	<2	<2	<2	<2	0.31	4.3	<5	<2	0.37	1.1
W-12	UG/L	8/8/2007	1100	<2	<2	0.56	<2	<2	0.36	40	<5	<2	<2	<2	0.27	<2	3.1	<5	<2	<2	0.85

Table III
Summary of Total Petroleum Hydrocarbon (TPH) and VOC Results
Former CENCO Refinery
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Location	Date	Unit	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-12	UG/L	11/6/2007	1500	0.37	<0.36	0.97	<0.6	<0.3	1.2	58	0.66	<0.23	<0.26	<0.32	<0.26	<0.27	2.6	<0.42	<0.27	0.42	0.47
W-12	UG/L	2/8/2008	410	0.94	<2	3	<2	<2	0.82	54	2.5	<2	<2	<2	<2	<2	1.8	<5	<2	0.45	<5
W-12	UG/L	1/20/2009	620	<2	<2	0.69	<2	<2	<5	32	<5	<2	<2	<2	<2	0.48	5.4	<5	<2	<2	2.4
W-12	UG/L	4/22/2009	1100	<2	<2	2.1	<2	<2	0.33	30	8.2	0.26	<2	<2	<2	<2	3.7	<5	<2	<2	1.5
W-12	UG/L	3/4/2010	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	<1.0	<1.0	<0.50	<1.0
W-12	UG/L	5/12/2010	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	<1.0	<1.0	<0.50	<1.0
W-12	UG/L	8/5/2010	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	<1.0	<1.0	<0.50	<1.0
W-12	UG/L	11/4/2010	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	UG/L	2/3/2011	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	UG/L	4/19/2011	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-14A	UG/L	2/12/2008	42	<2	<2	<2	<2	<2	<5	<50	<5	<2	<2	2.3	15	1.1	9	2.5	0.46	0.37	<5
W-14A	UG/L	1/13/2009	<50	<2	<2	<2	<2	<2	<5	<50	<5	<2	<2	<2	2	<2	<2	<5	<2	<2	<5
W-14A	UG/L	4/21/2009	54	<2	<2	<2	<2	<2	0.47	8.1	<5	<2	<2	1.3	14	0.86	8.7	2.8	0.44	0.4	<5
W-14A	UG/L	3/1/2010	<50	<0.50	<0.50	<0.50		<0.50	<1.0	<10	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	1.7	<1.0	<1.0	<0.50	<1.0
W-14A	UG/L	5/10/2010	<50	<0.50	<0.50	<0.50		<0.50	<1.0	<10	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	1.9	<1.0	<1.0	<0.50	<1.0
W-14A	UG/L	8/2/2010	<50	<0.50	<0.50	<0.50		<0.50	<1.0	<10	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	3.4	<1.0	<1.0	<0.50	<1.0
W-14A	UG/L	11/1/2010	<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	UG/L	1/31/2011	<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	UG/L	4/4/2011	<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-14B	UG/L	2/12/2008	<50	<2	<2	<2	<2	<2	<5	<50	<5	<2	<2	0.72	2.2	<2	0.83	<5	<2	<2	<5
W-14B	UG/L	1/13/2009	170	<2	<2	<2	<2	<2	<5	<50	<5	<2	<2	8.4	28	<2	4.8	10	<2	<2	<5
W-14B	UG/L	4/21/2009	65	<2	<2	<2	<2	<2	<5	<50	<5	<2	<2	19	81	2.6	9.6	26	2.2	0.45	<5
W-14B	UG/L	3/1/2010	99	<0.50	<0.50	<0.50		<0.50	<1.0	<10	<1.0	<1.0	<1.0	<1.0	12	<1.0	5.6	<1.0	<1.0	<0.50	<1.0
W-14B	UG/L	5/10/2010	99	<0.50	<0.50	<0.50		<0.50	<1.0	<10	<1.0	<1.0	<1.0	1.2	32	1.1	6.2	6.0	<1.0	<0.50	<1.0
W-14B	UG/L	8/2/2010	55	<0.50	<0.50	<0.50		<0.50	<1.0	<10	<1.0	<1.0	<1.0	<1.0	17	<1.0	3.1	3.4	<1.0	<0.50	<1.0
W-14B	UG/L	11/1/2010	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	UG/L	1/31/2011	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	UG/L	4/4/2011	<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-14C	UG/L	2/12/2008	260	1.2	<2	<2	<2	<2	<5	<50	<5	<2	<2	0.89	44	5.7	22	16	3.7	0.48	0.58
W-14C	UG/L	1/14/2009	120	2.5	<2	<2	<2	<2	<5	<50	<5	<2	<2	<2	30	8.8	34	17	3.4	<2	<5
W-14C	UG/L	4/21/2009	67	1.5	<2	<2	<2	<2	<5	10	<5	<2	<2	<2	20	4.5	23	8.1	2.1	<2	<5
W-14C	UG/L	3/1/2010	300	1.6	<0.50	<0.50		<0.50	<1.0	<10	<1.0	<1.0	<1.0	<1.0	13	5.8	34	12	2.4	<0.50	<1.0
W-14C	UG/L	5/10/2010	120	0.58	<0.50	<0.50		<0.50	<1.0	<10	<1.0	<1.0	<1.0	<1.0	4.1	2.0	13	<1.0	<1.0	<0.50	<1.0
W-14C	UG/L	8/2/2010	77	1.1	<0.50	<0.50		<0.50	<1.0	<10	<1.0	<1.0	<1.0	<1.0	7.8	4.6	35	4.2	2.4	<0.50	<1.0
W-14C	UG/L	11/1/2010	<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	UG/L	1/31/2011	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	UG/L	4/4/2011	<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-15A	UG/L	2/11/2008	2700	620	4.9	5.1	11	<20	650	120	<50	<20	<20	<20	<20	<20	<20	<50	<20	<20	<50
W-15A	UG/L	1/14/2009	230	7.4	<2	<2	<2	<2	190	170	<5	<2	<2	<2	<2	<2	<2	<5	<2	<2	<5

Table III
Summary of Total Petroleum Hydrocarbon (TPH) and VOC Results
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Location	Date	Unit	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-15A	UG/L	4/24/2009	530	8.4	<4	<4	<4	<4	220	220	<10	<4	<4	<4	<4	<4	<4	<10	<4	<4	<10
W-15A	UG/L	3/2/2010	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	<1.0	<1.0	<0.50	<1.0
W-15A	UG/L	5/10/2010	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	<1.0	<1.0	<0.50	<1.0
W-15A	UG/L	8/2/2010	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	<1.0	<1.0	<0.50	<1.0
W-15A	UG/L	11/1/2010	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	UG/L	11/1/2010	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	UG/L	2/1/2011	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	UG/L	4/5/2011	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	UG/L	2/11/2008	<1600	900	<20	<20	7	<20	20	110	<50	<20	<20	<20	<20	<20	<20	<50	<20	<20	<50
W-15B	UG/L	1/14/2009	340	160	<2	<2	5	<2	20	110	<5	<2	<2	<2	<2	<2	<2	<5	<2	<2	<5
W-15B	UG/L	4/24/2009	63	6.2	<2	<2	<2	<2	5.8	98	<5	<2	<2	<2	<2	<2	<2	<5	<2	<2	<5
W-15B	UG/L	3/2/2010	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	<1.0	<1.0	<0.50	<1.0
W-15B	UG/L	5/11/2010	230	20	<0.50	<0.50		<0.50	17	36	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.50	<1.0
W-15B	UG/L	8/3/2010	250	14	<0.50	<0.50		<0.50	19	67	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.50	<1.0
W-15B	UG/L	11/2/2010	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	UG/L	2/1/2011	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	UG/L	4/5/2011	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-15C	UG/L	2/11/2008	<50	0.94	0.57	<2	<2	<2	<5	18	<5	<2	<2	<2	0.51	<2	1.1	<5	0.45	0.35	0.34
W-15C	UG/L	1/15/2009	29	1.1	<2	<2	<2	<2	<5	27	<5	<2	<2	<2	3.2	<2	5.7	0.66	1.2	0.86	0.9
W-15C	UG/L	4/24/2009	43	<2	<2	<2	<2	<2	<5	25	<5	<2	<2	<2	0.55	<2	1	<5	<2	<2	<5
W-15C	UG/L	3/2/2010	<50	<0.50	<0.50	<0.50		<0.50	<1.0	<10	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	1.4	<1.0	<1.0	<0.50	<1.0
W-15C	UG/L	5/11/2010	<50	<0.50	<0.50	<0.50		<0.50	<1.0	<10	<1.0	<1.0	<1.0	<1.0	1.1	<1.0	1.6	<1.0	<1.0	<0.50	<1.0
W-15C	UG/L	8/3/2010	<50	<0.50	<0.50	<0.50		<0.50	<1.0	20	<1.0	<1.0	<1.0	<1.0	3.5	<1.0	4.7	<1.0	1.0	0.54	1.5
W-15C	UG/L	11/2/2010	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	UG/L	2/1/2011	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	UG/L	4/5/2011	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-16A	UG/L	11/9/2007	260	41	<0.36	<0.25	<0.6	<0.3	<0.32	30	<0.41	<0.23	<0.26	<0.32	<0.26	<0.27	<0.32	<0.42	2.6	<0.28	16
W-16A	UG/L	2/6/2008	310	40	<2	<2	<2	<2	<5	34	<5	<2	0.63	<2	<2	0.88	<2	<5	2.8	<2	14
W-16A	UG/L	1/21/2009	290	30	<2	<2	<2	<2	<5	<50	<5	<2	<2	<2	<2	<2	<2	<5	2.5	<2	7.2
W-16A	UG/L	4/27/2009	410	34	<2	<2	<2	<2	<5	20	<5	<2	0.27	<2	<2	0.54	<2	<5	1.8	<2	17
W-16A	UG/L	3/5/2010	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	<1.0	<1.0	<0.50	2.9
W-16A	UG/L	5/14/2010	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	<1.0	<1.0	<0.50	<1.0
W-16A	UG/L	8/9/2010	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	<1.0	<1.0	<0.50	<1.0
W-16A	UG/L	11/5/2010	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	UG/L	2/7/2011	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	UG/L	4/18/2011	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-16B	UG/L	11/9/2007	37	7.4	<0.36	<0.25	<0.6	<0.3	<0.32	9.1	0.8	0.26	<0.26	<0.32	0.72	8.7	6.6	<0.42	<0.27	<0.28	<0.3
W-16B	UG/L	2/6/2008	400	48	<2	0.33	<2	<2	<5	9.9	1.9	0.4	<2	<2	2.2	43	27	<5	<2	<2	<5
W-16B	UG/L	1/21/2009	73	16	<2	<2	<2	<2	<5	<50	<5	<2	<2	<2	<2	15	9.7	<5	<2	<2	<5

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

Location	Date	Unit	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-16B	UG/L	4/27/2009	47	0.9	<20	<20	<20	<20	<50	<500	<50	<20	<20	<20	<20	9.4	6.1	<50	<20	<20	<50
W-16B	UG/L	3/8/2010	73	8.6	<0.50	<0.50		<0.50	<1.0	<10	<1.0	<1.0	<1.0	<1.0	<1.0	3.7	5.8	<1.0	<1.0	<0.50	<1.0
W-16B	UG/L	5/14/2010	60	3.0	<0.50	<0.50		<0.50	<1.0	<10	<1.0	<1.0	<1.0	<1.0	<1.0	1.0	3.0	<1.0	<1.0	<0.50	<1.0
W-16B	UG/L	8/9/2010	<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	<1.0	<1.0	<0.50	<1.0
W-16B	UG/L	11/5/2010	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	UG/L	2/7/2011	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	UG/L	4/18/2011	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-16C	UG/L	11/9/2007	170	18	<0.36	<0.25	<0.6	<0.3	<0.32	13	<0.41	<0.23	<0.26	<0.32	0.76	12	40	1.1	11	<0.28	5.6
W-16C	UG/L	2/6/2008	360	30	0.46	<2	<2	<2	<5	21	<5	<2	<2	<2	0.74	14	66	2.7	24	<2	18
W-16C	UG/L	1/21/2009	510	40	<2	<2	<2	<2	<5	<50	<5	<2	<2	<2	<2	17	73	<5	35	<2	24
W-16C	UG/L	4/28/2009	170	20	<2	<2	<2	<2	<5	8.2	<5	<2	<2	<2	0.52	12	41	1.3	14	<2	8.2
W-16C	UG/L	3/8/2010	95	2.5	<0.50	<0.50		<0.50	<1.0	<10	<1.0	<1.0	<1.0	<1.0	<1.0	1.2	9.1	<1.0	1.6	<0.50	<1.0
W-16C	UG/L	5/14/2010	63	1.3	<0.50	<0.50		<0.50	<1.0	<10	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	3.8	<1.0	1.2	<0.50	<1.0
W-16C	UG/L	8/9/2010	<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	<1.0	<1.0	<0.50	<1.0
W-16C	UG/L	8/9/2010	<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	<1.0	<1.0	<0.50	<1.0
W-16C	UG/L	11/5/2010	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	UG/L	2/7/2011	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	UG/L	4/18/2011	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-17A	UG/L	2/14/2008	100	<2	<2	<2	<2	<2	<5	140	<5	<2	<2	<2	0.92	<2	6.2	0.6	0.47	1.4	0.7
W-17A	UG/L	1/16/2009	78	<2	<2	<2	<2	<2	<5	54	0.41	0.33	<2	<2	0.5	0.39	1.4	0.46	<2	<2	<5
W-17A	UG/L	4/22/2009	180	4.5	<2	<2	<2	<2	<5	57	<5	<2	<2	<2	2.1	1.9	7.7	2.3	0.51	0.65	<5
W-17A	UG/L	3/3/2010	51	<0.50	<0.50	<0.50		<0.50	<1.0	14	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	1.6	<1.0	<1.0	<0.50	<1.0
W-17A	UG/L	5/12/2010	110	1.1	<0.50	<0.50		<0.50	<1.0	<10	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	4.2	<1.0	<1.0	<0.50	<1.0
W-17A	UG/L	8/4/2010	56	<0.50	<0.50	<0.50		<0.50	<1.0	<10	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	1.7	<1.0	<1.0	<0.50	<1.0
W-17A	UG/L	11/3/2010	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	UG/L	2/2/2011	<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	UG/L	4/20/2011	<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-17B	UG/L	2/14/2008	39	<2	<2	<2	<2	<2	<5	30	<5	<2	<2	<2	0.74	<2	1.4	<5	<2	<2	<5
W-17B	UG/L	1/16/2009	38	<2	<2	<2	<2	<2	<5	18	<5	<2	<2	<2	<2	<2	<2	<5	<2	<2	<5
W-17B	UG/L	4/22/2009	<50	<2	<2	<2	<2	<2	<5	18	<5	<2	<2	<2	0.72	<2	0.71	<5	<2	<2	<5
W-17B	UG/L	3/3/2010	<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	<1.0	<1.0	<0.50	<1.0
W-17B	UG/L	5/12/2010	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	<1.0	<1.0	<0.50	<1.0
W-17B	UG/L	8/5/2010	<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	<1.0	<1.0	<0.50	<1.0
W-17B	UG/L	11/3/2010	<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	UG/L	2/2/2011	<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	UG/L	4/20/2011	<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-17C	UG/L	2/14/2008	36	<2	<2	<2	<2	<2	<5	25	<5	<2	<2	<2	<2	<2	<2	<5	<2	<2	<5
W-17C	UG/L	1/16/2009	29	<2	<2	<2	<2	<2	<5	21	<5	<2	<2	<2	0.49	<2	1.2	<5	<2	<2	<5
W-17C	UG/L	4/23/2009	<50	<2	<2	<2	<2	<2	<5	18	<5	<2	<2	<2	<2	<2	<2	<5	<2	<2	<5

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

Location	Date	Unit	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-17C	UG/L	3/4/2010	<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	<1.0	<1.0	<0.50	<1.0
W-17C	UG/L	5/12/2010	<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	<1.0	<1.0	<0.50	<1.0
W-17C	UG/L	8/5/2010	<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	<1.0	<1.0	<0.50	<1.0
W-17C	UG/L	11/3/2010	<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	UG/L	2/2/2011	<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	UG/L	4/20/2011	<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-2	UG/L	11/1/1989		78	6.5	6.5								<0.5A	<0.5A	<0.5A		<0.5A	4.3A	<0.5A	75A
W-2	UG/L	3/1/1990		62	<0.5	<0.5								<0.5	<0.5	<1		<0.5	<0.5	<0.5	<2
W-2	UG/L	4/1/1990		83	26	4								<2.5	<2.5	<5	13	<2.5	3	<2.5	5.9
W-2	UG/L	12/18/1996	560	56	<2	<2			<2		<2	<2	<2	<2	<2	<2	13	<2	<2	<2	11
W-2	UG/L	1/14/1998	700	85	<5	<5			<5		<10	<5	<5	<5	<5	<5	17	<5	<5	<5	27
W-2	UG/L	8/20/1998	NS	NS	NS	NS			NS		NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
W-3	UG/L	11/1/1989		19	2.6	7.6								<0.5	<0.5	<0.5		<0.5	2.5A	<0.5	7.1A
W-3	UG/L	1/1/1990		<0.5	<0.5	<0.5								<0.5	<0.5	<1		<0.5	1	<0.5	<2
W-3	UG/L	3/1/1990		5.3	4.5	<0.5								<0.5	<0.5	<1		<0.5	0.5	<0.5	<2
W-3	UG/L	4/1/1990		3.4	4.5	<1								<0.5	<0.5	<1	<5	<0.5	<0.5	<0.5	<2
W-3	UG/L	12/18/1996	1300	590	<25	<25			<10		<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<50
W-3	UG/L	1/13/1998	2200	280	<5	<5			<5		<10	<5	<5	<5	<5	<5	<5	<5	6	<5	51
W-3	UG/L	8/20/1998	NS	NS	NS	NS			NS		NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
W-3A	UG/L	1/13/1998	4300000	150000	<6000	35000			<200000												
W-3A	UG/L	8/20/1998	1100	220	<25	33			440		350	<25	<25	<25	<25	<25	<25	<25	<25	<25	<50
W-3A	UG/L	1/28/1999	690	160	<50	<50			340		240	<50	<50	<50	<50	<50	<50	<50	<50	<50	<100
W-3A	UG/L	7/19/1999	5400	120	<20	<20			380		<200	37	<20	<20	<20	<20	<20	<20	<20	<10	<10
W-3A	UG/L	1/13/2000	14000	140	<10	<10			210		<100	<10	<10	<10	<10	<10	<10	<10	<10	<5	7
W-3A	UG/L	8/4/2000	3400	170	<20	8.4			220		<50	2	2	<2	<2	<2	<20	<20	<20	<1	5
W-3A	UG/L	2/8/2001	2700	34	<1	2.9			12		63	13	4.4	<1	<1	<1	<1	<1	<1	<0.5	1.7
W-3A	UG/L	7/26/2001	3400	42	<1	1.7			6.2		11	15	<1	<1	<1	<1	<1	<1	<1	<0.5	27
W-3A	UG/L	5/6/2002	NS	NS	NS	NS			NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
W-3A	UG/L	9/25/2002	NS	NS	NS	NS			NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
W-3A	UG/L	2/16/2006	306	<1	<5	<5	<5	<5	6.2	16	<5	18	16	<5	<5	<5	<5	<5	<5	<5	<5
W-3A	UG/L	8/3/2006	39000	<2	<2	<2	<2	<2	9	<50	38	<2	<2	<2	<2	<2	<2	<5	<2	<2	<5
W-3A	UG/L	11/9/2006	8100	<2	<2	<2	<2	<2	11	<50	37	6.4	9.5	<2	<2	<2	<2	<5	<2	<2	<5
W-3A	UG/L	2/8/2007	1400	<2	<2	<2	<2	<2	8.4	<50	30	3.9	6.1	<2	<2	<2	<2	<5	<2	<2	<5
W-3A	UG/L	5/10/2007	14000	0.66	<2	<2	<2	<2	7.8	23	16	2.3	3.6	<2	<2	<2	<2	<5	<2	<2	<5
W-3A	UG/L	8/9/2007	1900	0.79	<2	<2	<2	0.34	9.8	26	14	2	2.3	<2	<2	<2	<2	<5	<2	<2	<5
W-3A	UG/L	11/7/2007	1500	0.62	<0.36	<0.25	<0.6	<0.3	9.7	26	<0.41	0.64	0.67	<0.32	<0.26	<0.27	<0.32	<0.42	<0.27	<0.28	<0.3
W-3A	UG/L	2/7/2008	180	<2	<2	<2	<2	<2	10	<50	<5	<2	<2	<2	<2	<2	<2	<5	<2	<2	<5
W-4	UG/L	3/1/1990		120	<0.5	19								<0.5	<0.5	<0.5	3.2	<0.5	8.3	<0.5	<0.5
W-4	UG/L	4/1/1990		28	1.4	4.8								<1	<1	<1	0.81	<1	2.2	<1	4.3

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

Location	Date	Unit	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	UG/L	12/18/1996	420	80	<5	<5			<10		<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<10
W-4	UG/L	1/14/1998	920	120	<5	<5			<5		<10	<5	<5	<5	<5	<5	<5	<5	<5	<5	16
W-4	UG/L	8/20/1998	500	57	<5	<5			18		<10	<5	<5	<5	<5	<5	<5	<5	<5	<5	9.8
W-4	UG/L	1/29/1999	460	55	<5	<5			20		<10	<5	<5	<5	<5	<5	<5	<5	<5	<5	11
W-4	UG/L	7/19/1999	710	72	<2	<2			<2		<20	<2	<2	<2	<2	<2	<2	<2	<2	<1	<1
W-4	UG/L	1/13/2000	660	49	<1	<1			<1		<10	<1	<1	<1	<10	<1	1.3	<1	<1	<0.5	13
W-4	UG/L	8/3/2000	<500	47	<1	<1					<10	<1	<1	<1	<10	1.2	<1	<1	<1	<0.5	12
W-4	UG/L	2/8/2001	<500	42	<1	<1			<1		<10	<1	<1	<1	<1	<1	<1	<1	1.1	0.67	7
W-4	UG/L	7/26/2001	320	42	<1	<1			<1		<10	<1	<1	<1	<1	<1	<1	<1	1	<0.5	<0.5
W-4	UG/L	5/8/2002	250	33	<1	<1			<1	60000	<10	<1	<1	<1	<1	2	<1	<1	1.3	<0.5	5.2
W-4	UG/L	9/25/2002	290	62	<1	<1			<1	45000	<1	<1	<1	<1	<1	3.8	<1	<1	2	<0.5	<0.5
W-4	UG/L	7/1/2004	350	30	2.6	1.9	0.66	<0.5	<5	<100	<5	<5	<5	<5	<5	1J	3J	<5	2J	<5	11
W-4	UG/L	10/6/2005	350	31	<1	<1	<1	<1	<1	47	<10	<1	<1	<1	<1	<1	6.4	<1	1.7	<0.5	1.3
W-4	UG/L	2/15/2006	501	43	<5	<5	<5	<5	<1	38	<5	<5	<5	<5	<5	<5	2.8	<5	2.5	<5	2.4
W-4	UG/L	8/3/2006	2800	3.5	<2	<2	<2	<2	<5	<50	<5	<2	<2	<2	<2	<2	4.5	<5	<2	<2	<5
W-4	UG/L	11/9/2006	230	6.1	<2	<2	<2	<2	<5	<50	<5	<2	<2	<2	<2	<2	5.1	<5	<2	<2	<5
W-4	UG/L	2/8/2007	200	3.1	<2	<2	<2	<2	<5	<50	<5	<2	<2	<2	<2	<2	4.7	<5	<2	<2	<5
W-4	UG/L	5/10/2007	170	1.5	<2	<2	<2	<2	1.6	30	<5	<2	<2	<2	<2	<2	3.8	<5	<2	<2	1
W-4	UG/L	8/9/2007	280	1	<2	<2	<2	<2	2	18	<5	<2	<2	<2	<2	<2	3.2	<5	<2	<2	0.59
W-4	UG/L	11/7/2007	180	1.9	<0.36	<0.25	<0.6	<0.3	1.4	22	<0.41	<0.23	<0.26	<0.32	<0.26	<0.27	3.6	<0.42	0.36	<0.28	<0.3
W-4	UG/L	2/7/2008	210	4.4	<2	<2	<2	<2	<5	55	<1	<2	<2	<2	<2	<1	4.4	<5	<2	<2	<5
W-4	UG/L	2/7/2008	250	3.9	<2	<2	<2	<2	<5	50	<5	<2	<2	<2	<2	<2	4	<5	<2	<2	<5
W-4	UG/L	1/19/2009	140	0.51	<2	<2	<2	<2	<5	47	0.43	<2	<2	<2	<2	<2	7.6	<1	1	<2	1.8
W-4	UG/L	4/27/2009	92	<2	<2	<2	<2	<2	<5	34	<5	<2	<2	<2	<2	<2	7.3	<5	0.61	<2	1.9
W-4	UG/L	3/5/2010	600	1.5	<0.50	<0.50		<0.50	<1.0	<10	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	3.7	<1.0	<1.0	<0.50	7.4
W-4	UG/L	5/13/2010	700	4.3	<0.50	<0.50		<0.50	<1.0	<10	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	3.1	<1.0	<1.0	<0.50	5.4
W-4	UG/L	8/6/2010	570	68	<0.50	<0.50		<0.50	<1.0	<10	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	4.0	<1.0	<1.0	<0.50	7.2
W-4	UG/L	11/4/2010	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	UG/L	2/8/2011	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	UG/L	4/14/2011	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-7	UG/L	8/4/2000	<500	<0.5	<1	<1			<1		<1	<1	<1	<1	<1	<1	<0.5	<1	1.2	<1	<0.5
W-7	UG/L	2/8/2001	<500	<0.5	<1	<1			<1		<10	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<0.5
W-7	UG/L	7/26/2001	<100	<0.5	<1	<1			<1		<10	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<0.5
W-7	UG/L	5/7/2002	<100	<0.5	<1	<1			<1	<10000	<10	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<0.5
W-7	UG/L	9/24/2002	<100	<0.5	<1	<1			<1	<10000	<10	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<0.5
W-7	UG/L	10/7/2005	<100	<0.5	<1	<1	<1	<1	<1	<10	<10	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<0.5
W-7	UG/L	2/16/2006	60.9	<1	<5	<5	<5	<5	<1	<10	<5	1.1	<5	<5	<5	<5	<5	<5	<5	<5	<5
W-7	UG/L	8/4/2006	<50	<2	<2	<2	<2	<2	<5	<50	<5	<2	<2	<2	<2	<2	<2	<5	<2	<2	<5
W-7	UG/L	11/10/2006	<50	<2	<2	<2	<2	<2	<5	<50	<5	<2	<2	<2	<2	<2	<2	<5	<2	<2	<5
W-7	UG/L	2/9/2007	<50	<2	<2	<2	2.6	<2	<5	<50	<5	2.2	<2	<2	<2	<2	<2	<5	<2	<2	<5
W-7	UG/L	5/8/2007	31	0.41	0.45	0.87	1.4	0.75	<5	<50	0.9	1.4	0.35	<2	<2	<2	<2	<5	0.41	<2	<5
W-7	UG/L	8/10/2007	<50	<2	<2	0.25	<2	<2	<5	<50	<5	<2	<2	<2	<2	<2	<2	<5	<2	<2	<5

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

Location	Date	Unit	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	UG/L	11/6/2007	<30	<0.28	<0.36	<0.25	<0.6	<0.3	<0.32	<4.9	<0.41	<0.23	<0.26	<0.32	<0.26	<0.27	<0.32	<0.42	<0.27	<0.28	<0.3
W-7	UG/L	2/4/2008	<50	<2	<2	<2	<2	<2	<5	<50	<5	<2	<2	<2	<2	<2	<2	<5	<2	<2	<5
W-7	UG/L	1/13/2009	<50	<2	<2	<2	<2	<2	<5	<50	<5	<2	<2	<2	<2	<2	<2	<5	<2	<2	<5
W-7	UG/L	4/21/2009	<50	0.31	<2	<2	<2	<2	<5	<50	<5	<2	<2	<2	<2	<2	<2	<5	1.7	<2	<5
W-7	UG/L	3/4/2010	65	<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	<1.0	2.0	<0.50	<1.0
W-7	UG/L	5/17/2010	60	<0.50	<0.50	<0.50		0.51	<1.0	<10	2.3	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	1.9	<0.50	<1.0
W-7	UG/L	8/4/2010	<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	<1.0	2.6	<0.50	<1.0
W-7	UG/L	8/4/2010	<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	<1.0	2.6	<0.50	<1.0
W-7	UG/L	11/3/2010	<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	UG/L	2/2/2011	<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	UG/L	4/14/2011	<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-8	UG/L	8/4/2000	<500	2.8	<4.6	<1			<1		<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<0.5
W-8	UG/L	2/6/2001	NS	NS	NS	NS			NS		NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
W-8	UG/L	7/26/2001	180	0.67	<1	<1			<1		<1	<1	<1	<1	<1	<1	<1	<1	<1	<5	<0.5
W-8	UG/L	5/7/2002	180	0.51	<1	<1			<1	<10000	<10	<1	<1	<1	<1	<1	<1	<1	<1	<5	<0.5
W-8	UG/L	9/24/2002	<100	0.64	<1	<1			<1	<10000	<10	<1	<1	<1	<1	<1	<1	<1	<1	<5	<0.5
W-8	UG/L	7/1/2004	390	1.9J	1.8	0.72	0.92	<0.5	<5	<100	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
W-8	UG/L	10/6/2005	220	0.52	<1	<1	<1	<1	<1	<10	<10	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<0.5
W-8	UG/L	2/16/2006	192	<1	<5	<5	<5	<5	<1	<10	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
W-8	UG/L	8/4/2006	130	<2	<2	<2	<2	<2	<5	<50	<5	<2	<2	<2	<2	<2	<2	<5	<2	<2	<5
W-8	UG/L	11/10/2006	210	<2	<2	<2	<2	<2	<5	<50	<5	<2	<2	<2	<2	<2	<2	<5	<2	<2	<5
W-8	UG/L	2/9/2007	130	<2	<2	<2	<2	<2	<5	<50	<5	<2	<2	<2	<2	<2	<2	<5	<2	<2	<5
W-8	UG/L	5/8/2007	110	0.49	0.73	0.33	<2	<2	<5	<50	<5	0.23	<2	<2	<2	<2	<2	<5	<2	<2	<5
W-8	UG/L	8/7/2007	170	0.49	0.82	0.44	<2	0.38	<5	<50	<5	0.3	<2	<2	<2	<2	<2	<5	<2	<2	<5
W-8	UG/L	11/6/2007	160	0.52	0.75	0.4	<0.6	0.3	<0.32	7.5	<0.41	<0.23	<0.26	<0.32	<0.26	<0.27	<0.32	<0.42	<0.27	<0.28	<0.3
W-8	UG/L	2/4/2008	160	0.46	0.81	0.39	<2	<2	<5	<50	<5	0.25	<2	<2	<2	<2	<2	<5	<2	<2	<5
W-8	UG/L	1/13/2009	120	<2	<2	<2	<2	<2	<5	<50	<5	<2	<2	<2	<2	<2	<2	<5	<2	<2	<5
W-8	UG/L	4/21/2009	150	0.45	0.82	0.37	<2	<2	<5	<50	<5	<2	<2	<2	<2	<2	<2	<5	<2	<2	<5
W-8	UG/L	3/4/2010	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	<1.0	<1.0	<0.50	<1.0
W-8	UG/L	5/17/2010	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	<1.0	<1.0	<0.50	<1.0
W-8	UG/L	5/17/2010	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	<1.0	<1.0	<0.50	<1.0
W-8	UG/L	8/4/2010	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	<1.0	<1.0	<0.50	<1.0
W-8	UG/L	11/4/2010	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	UG/L	2/7/2011	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	UG/L	4/21/2011	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	UG/L	4/21/2011	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-9	UG/L	11/7/2006	<50	<2	<2	<2	<2	<2	<5	<50	<5	<2	<2	<2	<2	<2	<2	<5	<2	<2	<5
W-9	UG/L	2/6/2007	67	<2	<2	<2	<2	<2	<5	<50	<5	<2	<2	<2	<2	<2	<2	<5	<2	<2	<5
W-9	UG/L	5/9/2007	50	<2	<2	<2	<2	<2	<5	17	<5	<2	<2	<2	<2	<2	2	<5	<2	<2	<5
W-9	UG/L	8/7/2007	38	<2	<2	<2	<2	<2	<5	22	<5	<2	<2	<2	0.78	0.31	3	<5	<2	<2	<5
W-9	UG/L	11/6/2007	<30	<0.28	<0.36	<0.25	<0.6	<0.3	<0.32	19	<0.41	<0.23	<0.26	<0.32	0.56	0.31	3.8	<0.42	<0.27	<0.28	<0.3

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

Location	Date	Unit	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	UG/L	2/5/2008	<50	<2	<2	<2	<2	<2	<5	23	0.5	<2	<2	<2	0.48	0.3	3.4	<5	<2	<2	<5
W-9	UG/L	1/15/2009	46	<2	<2	<2	<2	<2	<5	18	<5	<2	<2	<2	<2	<2	3.2	<5	<2	<2	<5
W-9	UG/L	4/23/2009	36	<2	<2	<2	<2	<2	<5	18	<5	<2	<2	<2	<2	<2	2.6	<5	<2	<2	<5
W-9	UG/L	3/3/2010	<50	<0.50	<0.50	<0.50		<0.50	<1.0	<10	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	1.9	<1.0	<1.0	<0.50	<1.0
W-9	UG/L	5/12/2010	80	<0.50	<0.50	<0.50		<0.50	<1.0	<10	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	2.8	<1.0	<1.0	<0.50	<1.0
W-9	UG/L	8/4/2010	67	<0.50	<0.50	<0.50		<0.50	<1.0	<10	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	4.0	<1.0	<1.0	<0.50	<1.0
W-9	UG/L	11/3/2010	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	UG/L	2/2/2011	<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	UG/L	4/14/2011	<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

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
Second 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
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
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
	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

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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-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
MW-504	DRY									
MW-600A	DRY									
MW-601A	DRY									
MW-603	DRY									
MW-604	DRY									
MW-605	DRY									
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

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Summary of Biodegradation Parameters
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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)
	5/13/2010	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
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
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
	2/2/2011	NA	NA	NA	NA	NA	NA	NA	NA	NA
	4/14/2011	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

Table IV
Summary of Biodegradation Parameters
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Second 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)
	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
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
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
	4/15/2011	NA	NA	NA	NA	NA	NA	NA	NA	NA
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
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

Table IV
Summary of Biodegradation Parameters
Former Cenco Refinery
Santa Fe Springs, California
Second 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	8.28	2.85	-99
	4/19/2011	NA	NA	NA	NA	NA	NA	7.77	2.10	15.2
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
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
	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
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
MW-15A	12/14/2009	NA	NA	NA	NA	NA	NA	7.3	9.15	85

Table IV
Summary of Biodegradation Parameters
Former Cenco Refinery
Santa Fe Springs, California
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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)
	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
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
	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
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
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

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Summary of Biodegradation Parameters
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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)
	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
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
	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
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
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

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		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)
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
	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
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
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
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
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
MW-703	2/4/2011	NA	NA	NA	NA	NA	NA	6.25	NA	NA
	4/12/2011	NA	NA	NA	NA	NA	NA	7.57	3.53	132.4
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

Table IV
Summary of Biodegradation Parameters
Former Cenco Refinery
Santa Fe Springs, California
Second 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-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
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
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
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
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
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
MW-711	2/8/2011	NA	NA	NA	NA	NA	NA	5.99	NA	NA
	4/6/2011	NA	NA	NA	NA	NA	NA	7.91	3.39	-59.2
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
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
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
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

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

Nitrate (as N) and sulfate by EPA Method 300.0

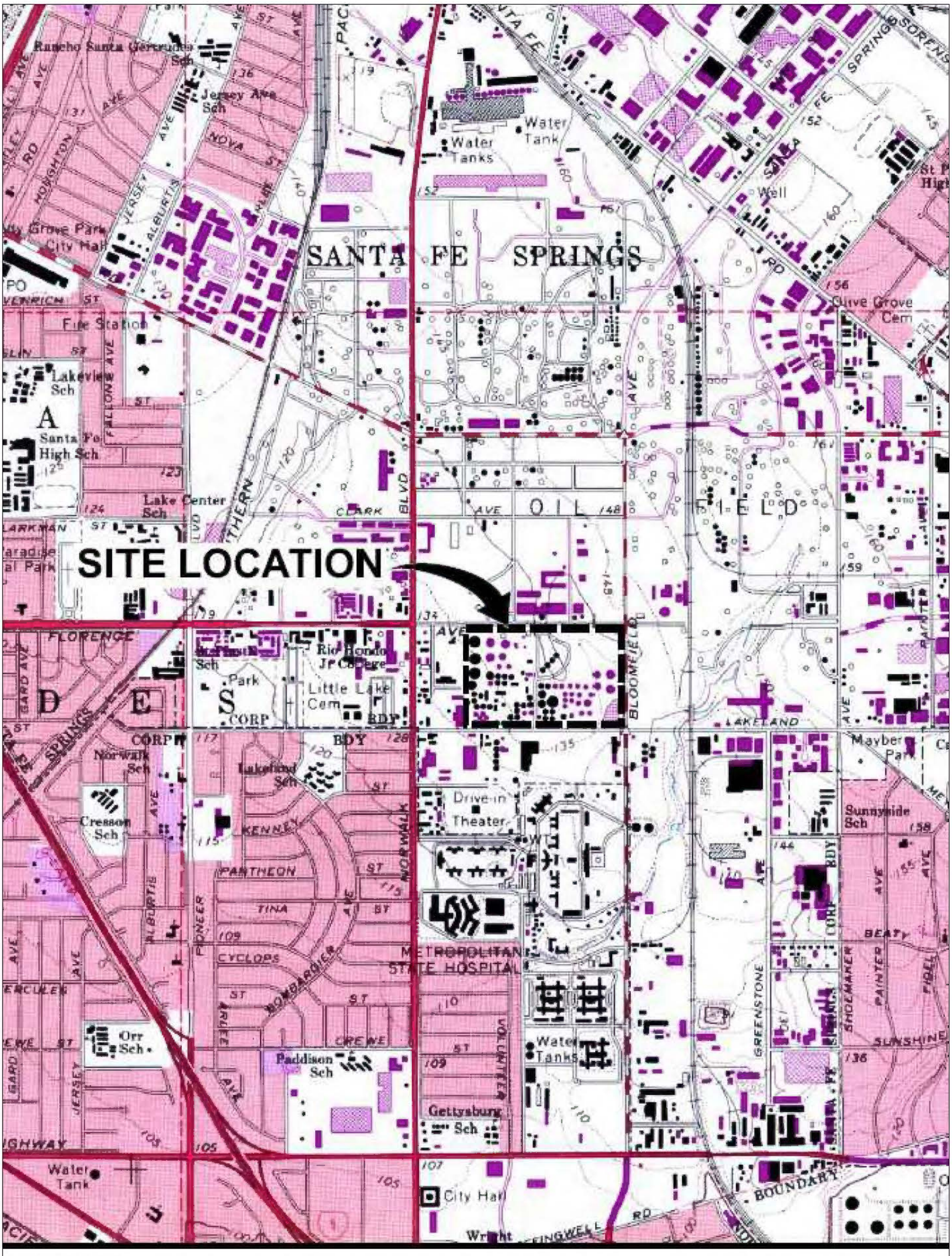
Table IV
Summary of Biodegradation Parameters
Former Cenco Refinery
Santa Fe Springs, California
Second Quarter 2011

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)

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
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



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: 4.13.2011

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

WELL NOTES: Typically has product
WELL CONDITION: OK-not great

WEATHER CONDITIONS: Partly cloudy w/ light breeze (~65°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	113.00	(ft.)
DEPTH TO ~~WATER~~ (FPPH)	105.77	(ft.)
HEIGHT OF WATER COLUMN	7.23	(ft.)
CASING VOLUME*	Hgt. x ~~0.163~~ 0.66 Gal./Ft. = 4.7718	(gal)
PURGE VOLUME	x 3 = 14.3154	(gal)
PRODUCT THICKNESS	106.34 - 105.77 = 0.57 (measured on 4.1.2011)	(ft.)

PURGE DATA

Time:	Purge Volume (Gal.)	Flow Rate (Gal./Min.)	pH	Sp.Cond. µ(S/cm)³	Turbidity NTUs	DO mg/L	Temperature (F/C)	TDS	ORP mV	Color FPPH=dark brown	Odor Very strong
1448	5		8.21	1670	/	2.35	20.05	/	-169.2	Light gray	HC/sulphur/CH_4 odor
1456	10		8.15	1679	/	2.36	19.31	/	-190.6	-11-	-11-
1504	15		8.14	1674	/	2.48	19.00	/	-199.4	Cloudy	-11-

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

NOTES:

	DT FPPH	DTW
BEFORE PURGE:	105.91	106.60
AFTER PURGE:	—	106.04

Air-assist line no longer works; may be severed
Dark brown product 0-4 gal.; water is light gray beyond that.
LL-EW1_041311_01 @ 1545
4.18.2011 → air-assist line/stinger repairs

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: 4.13.2011

WELL NO. EW-1

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 Very Strong
1513	20		8.14	1670		2.96	18.70		-206.7	Clear	HC/H_2S/CH_4
1520	25		8.13	1666		2.87	18.56		-209.3	Clear	-"-
1530	30		8.15	1664		2.86	18.18		-210.0	Clear	HC/H_2S/CH_4

GROUNDWATER SAMPLING LOG

PROJECT NAME:	CENCO	WELL NO.	**MW-104A** Site
PROJECT NO.:	1003-001-300	SAMPLED BY:	Frane Sosic
DATE:	4-5-2011 (Purged) / 4-14-2011 (sampled)		

WELL INFORMATION		
TOP OF CASING ELEV.		(ft.)
WELL DIAMETER 4"		(inches)
DEPTH OF WELL	100.00	(ft.)
DEPTH TO WATER	93.76	(ft.)
HEIGHT OF WATER COLUMN	6.24 x 0.66	(ft.)
CASING VOLUME*	Hgt. x 0.~~163~~ Gal./Ft. = 4.1184	(gal)
PURGE VOLUME	x 3 = 12.3552	(gal)
PRODUCT THICKNESS		(ft.)

WELL CONDITION:
OK (cannot be locked)

WEATHER CONDITIONS:
Partly cloudy / winds (5-20 mph) ~74°F

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

PURGE DATA

Time:	Purge Volume (Gal.)	Flow Rate (Gal./Min.)	pH	Sp.Cond. µS/cm³	Turbidity NTUs	DO mg/L	Temperature (F C)	TDS	ORP mV	Color	Odor
1455	4		8.10	2538		2.85	24.50		128.5	Cloudy yellow	Strong HC odor
	* 8										
	12										

MW-104A WENT DRY AFTER APPROX. 6.5 GAL. WERE REMOVED

Sample No.	Sample Time Time	Packing	Analyses	Container	Quantity	Preserv-ative
1	4-14-2011	ice	8260B - VOCs + Oxys	VOAs	3	HCL
1	8:00	ice	8015M - TPH-g	VOAs	3	HCL

NOTES:
Air-assist line connected
Well drying up ~6 gallons...
Dry @ 6.5 gallons (will sample tomorrow)
LL_MW104A_041411_01 @ 8:00

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: 4.18.2011 (Purged dry) / 4.19.2011 (sampled)

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

WELL NOTES:
WELL CONDITION:
OK

WEATHER CONDITIONS:
Cloudy w/ light wind (~57°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	107.39	(ft.)
HEIGHT OF WATER COLUMN	2.61	(ft.)
CASING VOLUME*	Hgt. x 0.163 Gal./Ft. = 1.7226	(gal)
PURGE VOLUME	x 3 = 5.1678	(gal)
PRODUCT THICKNESS		(ft.)

PURGE DATA

Time:	Purge Volume (Gal.)	Flow Rate (Gal./Min.)	pH	Sp.Cond. µ(S)/cm³	Turbidity NTUs	DO mg/L	Temperature (F/C)	TDS	ORP mV	Color	Odor
1436	* 2										
	4										
	6										

Sample No.	Sample Time Time	Packing	Analyses	Container	Quantity	Preservative
1	4.19.11	ice	8260B - VOCs + Oxys	VOAs	3	HCL
1	1521	ice	8015M - TPH-g	VOAs	3	HCL

NOTES:
Very little water in well (purging a fine mist)
*Well went dry ~ 0.75 - 1 gallon
Will allow for recharge @ least 24 hrs prior to sampling
LL_MW106A_041911_01 @ 15:21

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: 4-19-2011

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

WELL NOTES: Stinger/air-line replacement (4-20-2011)
WELL CONDITION: Good

WEATHER CONDITIONS: Partly cloudy (~76°F) light breeze periodically

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	104.72	(ft.)
HEIGHT OF WATER COLUMN	5.28	(ft.)
CASING VOLUME*	Hgt. x ~~0.163~~ 0.66 Gal./Ft. = 3.4848	(gal)
PURGE VOLUME	x 3 = 10.4544	(gal)
PRODUCT THICKNESS		(ft.)

PURGE DATA

Time:	Purge Volume (Gal.)	Flow Rate (Gal./Min.)	pH	Sp.Cond. µS/cm³	Turbidity NTUs	DO mg/L	Temperature (F/C)	TDS	ORP mV	Color	Odor Strong!
1322	5		8.05	2326	/	1.96	24.95	/	-256.3	BLACK	CH_4/sulfide odor
1327	10		8.17	2296		1.89	24.67		-252.6	-11-	-11-
1334	15		8.11	2283		1.87	24.19		-265.6	-11-	-11-

Sample No.	Sample Time	Packing	Analyses	Container	Quantity	Preservative
1	4-19-2011	ice	8260B - VOCs + Oxys	VOAs	3	HCL
1	1430	ice	8015M - TPH-g	VOAs	3	HCL
2	4-19-2011	ice	8260B - VOCs + Oxys	VOAs	3	HCL
2	1445	ice	8015M - TPH-g	VOAs	3	HCL

NOTES: Stinger clogged w/black silt; air-line needs to be tightened & re-fastened to 1" stinger (too much slack)
LL-MW107A_041911_01
Duplicate
LL_MW107A_041911_02
Duplicate

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: 4-19-2011

WELL NO. MW-107A

SAMPLED BY: Frane Sosic

Time:	Purge Volume (Gal.)	Flow Rate (Gal./Min.)	pH	Sp.Cond. µS/cm³	Turbidity NTUs	DO mg/L	Temperature (F/C)	TDS	ORP mV	Color	Odor Strong!
1339	20		8.15	2249		1.79	23.91		-266.4	BLACK	CH_4/sulfide odor
1344	25		8.12	2238		1.90	24.07		-271.3	Cloudy gray	-//-
1349	30		8.08	2244		1.81	24.04		-269.7	Light gray	-//-
1356	35		8.03	2241		1.50	24.00		-275.0	-//-	-//-
1400	40		8.04	2235		1.68	23.85		-274.3	Cloudy	-//-
1405	45		8.01	2238		1.87	23.93		-274.2	Cloudy	-//-
1410	50		8.02	2240		1.93	23.88		-276.8	Cloudy gray	-//-

GROUNDWATER SAMPLING LOG

PROJECT NAME: CENCO
PROJECT NO.: 1003-001-300
DATE: 4.15.2011

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

WELL NOTES: Very slow purge (well is going dry)
WELL CONDITION:
Not great: missing bolts to well lid
Old well cap replaced.
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	109.00	(ft.)
DEPTH TO WATER	106.36	(ft.)
HEIGHT OF WATER COLUMN	2.64	(ft.)
CASING VOLUME*	Hgt. x ~~0.163~~ 0.66 Gal./Ft. = 1.7424	(gal)
PURGE VOLUME	x 3 = 5.2272	(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
13:34	1		7.62	2075	/	1.63	27.53	/	-92.8	Black	STRONG H_2S/VOC
1341	3		7.57	2036	/	1.58	26.42	/	-86.4	Light gray	-//-
1348	5		7.61	2021	/	1.66	25.39	/	-77.2	Cloudy	-//-

Sample No.	Sample Time Time	Packing	Analyses	Container	Quantity	Preservative
1	4.15.2011	ice	8260B - VOCs + Oxys	VOAs	3	HCL
1	1530	ice	8015M - TPH-g	VOAs	3	HCL
2	4.15.2011	ice	8260B	VOAs	3	HCl
2	1544	ice	8015M	VOAs	3	HCl

NOTES: STRONG H_2S vapors!
Purge early in the morning to avoid vapors.
Beltshire "capped" top of well during purge.
LL_MW503B_041511_01 @ 1530
LL_MW503B_041511_02 @ 1544

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: 4-15-2011

WELL NO. MW-503B

SAMPLED BY: Frane Sosic

Time:	Purge Volume (Gal.)	Flow Rate (Gal./Min.)	pH	Sp.Cond. (s/cm)	Turbidity NTUs	DO mg/L	Temperature (F/C)	TDS	ORP µV	Color	Odor
1355	10		7.59	2028		1.44	25.77		-51.7	Cloudy	STRONG H_2S/VOC
1406	15		7.58	2048		1.31	25.52		-59.0	Cloudy	-//-
1418	20		7.59	2051		1.53	25.45		-59.8	Clear	-//-
1433	25		7.58	2052		1.39	25.80		-53.2	Clear	-//-
1453	30		7.61	2051		1.74	25.79		-46.4	Clear	-//-

GROUNDWATER SAMPLING LOG

PROJECT NAME:	CENCO	WELL NO.	**MW-701** Hospital
PROJECT NO.:	1003-001-300	SAMPLED BY:	Frane Sosic
DATE:	4-11-2011		

Well Notes: New 4" well

WELL CONDITION:
New - very good
~133' PVC stinger installed w/ air line

WEATHER CONDITIONS:
Sunny w/ light wind (~77°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 140'-87" =	132.75	(ft.)
DEPTH TO WATER	105.58	(ft.)
HEIGHT OF WATER COLUMN	27.17	(ft.)
CASING VOLUME*	Hgt. x0.66 Gal./Ft. = 17.9322	(gal)
PURGE VOLUME	x 3 = 53.7966	(gal)
PRODUCT THICKNESS		(ft.)

PURGE DATA

Time:	Purge Volume (Gal.)	Flow Rate (Gal./Min.)	pH	Sp.Cond. µS/cm³	Turbidity NTUs	DO mg/L	Temperature (F (C))	TDS	ORP mV	Color	Odor
1506	5		7.72	1985	/	3.86	24.15	/	296.3	Light gray	None
1509	10		7.70	1977		4.18	23.42		266.3	-11-	-11-
1513	15		7.65	1978		3.50	23.29		245.4	-11-	-11-

Sample No.	Sample Time Time	Packing	Analyses	Container	Quantity	Preserv-ative	NOTES:
1	1600	ice	8260B - VOCs + Oxys	VOAs	3	HCL	LL_MW701_041111_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

PROJECT NO.: 1003-001-300

DATE: 4.11.2011

WELL NO. MW-701

SAMPLED BY: Frane Sosic

Time:	Purge Volume (Gal.)	Flow Rate (Gal./Min.)	pH	Sp.Cond. µS/cm³	Turbidity NTUs	DO mg/L	Temperature (F / C)	TDS	ORP mV	Color	Odor
1516	20		7.61	1964		2.56	23.32		225.6	light grey	None
1519	25		7.64	1968		3.75	23.08		210.5	-11-	-11-
1522	30		7.63	1966		3.62	23.14		208.7	-11-	-11-
1525	35		7.62	1968		3.67	23.17		202.6	-11-	-11-
1527	40		7.60	1975		3.57	23.13		194.5	Cloudy	-11-
1530	45		7.60	1974		4.05	22.90		189.4	Clear	-11-
1534	50		7.59	1972		3.64	23.26		187.2	Clear	-11-
1539	55		7.60	1973		3.67	23.28		180.6	Clear	None

GROUNDWATER SAMPLING LOG

PROJECT NAME:	CENCO
PROJECT NO.:	1003-001-300
DATE:	4·12·2011

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

Well Notes: New 4" well

WELL CONDITION:
New - very good
130' PVC stinger w/ air line installed

WEATHER CONDITIONS:
Mostly sunny w/ light breeze (~76°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	105.20	(ft.)
HEIGHT OF WATER COLUMN	24.80	(ft.)
CASING VOLUME*	Hgt. x 0.66 Gal./Ft. = 16.368	(gal)
PURGE VOLUME	x 3 = 49.103	(gal)
PRODUCT THICKNESS		(ft.)

PURGE DATA

Time:	Purge Volume (Gal.)	Flow Rate (Gal./Min.)	pH	Sp.Cond. µS/cm³	Turbidity NTUs	DO mg/L	Temperature (F/C)	TDS	ORP µV	Color	Odor
1235	5		7.67	2136	/	3.05	26.02	/	147.1	Dark gray	Strong HC odor
1238	10		7.69	2128		2.89	25.33		119.2	-"-	-"-
1241	15		7.77	2085		3.01	24.94		112.3	-"-	-"-

Sample No.	Sample Time Time	Packing	Analyses	Container	Quantity	Preserv-ative	NOTES:
1	1321	ice	8260B - VOCs + Oxys	VOAs	3	HCL	LL_MW702_041211_01 @ 13:21
1	1321	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: 4-12-2011

WELL NO. MW-702

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
1244	20		7.76	2067		2.70	24.80		103.4	Dark grey	Strong HC odor
1247	25		7.77	2062		2.82	24.84		100.5	-"-	-"-
1250	30		7.74	2072		2.94	24.91		100.9	-"-	-"-
1253	35		7.75	2073		3.00	24.88		100.1	-"-	-"-
1257	40		7.74	2069		3.04	24.91		99.7	-"-	-"-
1300	45		7.72	2074		3.35	25.02		101.8	-"-	-"-
1305	50		7.70	2087		3.29	24.97		103.1	-"-	-"-

GROUNDWATER SAMPLING LOG

PROJECT NAME:	CENCO
PROJECT NO.:	1003-001-300
DATE:	4-12-2011

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

Well Notes: New 4" well

WELL CONDITION:
New - very good
133' PVC stinger w/ air line installed

WEATHER CONDITIONS:
Mostly sunny w/ breeze (~75°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	140' - 80" = 133.30	(ft.)
DEPTH TO WATER	106.65	(ft.)
HEIGHT OF WATER COLUMN	26.65	(ft.)
CASING VOLUME*	Hgt. x Gal./Ft. = 17.589	(gal)
PURGE VOLUME	x 3 = 52.767	(gal)
PRODUCT THICKNESS		(ft.)

PURGE DATA

Time:	Purge Volume (Gal.)	Flow Rate (Gal./Min.)	pH	Sp.Cond. µS/cm)³	Turbidity NTUs	DO mg/L	Temperature (F/C)	TDS	ORP mV	Color	Odor
1436	5		7.68	1953	/	3.82	23.42	/	139.0	Dark gray	Strong HC odor
1439	10		7.66	1955	/	3.80	22.93	/	139.7	-"-	-"-
1443	15		7.63	1948	/	3.16	22.65	/	137.6	-"-	-"-

Sample No.	Sample Time Time	Packing	Analyses	Container	Quantity	Preserv-ative	NOTES:
/	1545	ice	8260B - VOCs + Oxys	VOAs	3	HCL	LL_MW703_041211_01 @ 15:45
/	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

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PROJECT NAME: CENCO

PROJECT NO.: 1003-001-300

DATE: 4-12-2011

WELL NO. MW-703

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
1446	20		7.62	1948		3.69	22.42		136.8	Dark gray	Strong HC odor
1449	25		7.62	1946		3.32	22.71		135.1	-"-	-"-
1452	30		7.58	1947		3.20	22.60		134.8	-"-	-"-
1456	35		7.59	1950		3.57	22.87		134.8	-"-	-"-
1500	40		7.58	1958		3.65	22.83		135.7	-"-	-"-
1502	45		7.58	1961		3.48	23.02		133.4	-"-	-"-
1505	50		7.58	1960		3.56	22.69		132.8	-"-	-"-
1511	55		7.57	1961		3.53	22.73		132.4	Dark gray	Strong HC odor

GROUNDWATER SAMPLING LOG

PROJECT NAME: CENCO
PROJECT NO.: 1003-001-300
DATE: 4-13-2011

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

Well Notes: New 4" well
WELL CONDITION:
New - very good
120' PVC stinger w/ air line installed
WEATHER CONDITIONS:
Partly cloudy w/ light wind (~64°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	108.32	(ft.)
HEIGHT OF WATER COLUMN	21.68	(ft.)
CASING VOLUME*	Hgt. x 0.66 Gal./Ft. = 14.3088	(gal)
PURGE VOLUME	x 3 = 42.9264	(gal)
PRODUCT THICKNESS		(ft.)

PURGE DATA

Time:	Purge Volume (Gal.)	Flow Rate (Gal./Min.)	pH	Sp.Cond. µS/cm³	Turbidity NTUs	DO mg/L	Temperature (F/C)	TDS	ORP mV	Color	Odor
1047	5		7.72	2091		2.69	22.73		190.3	Black	Strong HC/decay odor
1050	10		7.68	2099		2.40	22.48		86.4	Olive gray	-//-
1053	15		7.64	2126		2.34	22.46		-12.0	-//-	-//-

Sample No.	Sample Time Time	Packing	Analyses	Container	Quantity	Preservative
1	1230	ice	8260B - VOCs + Oxys	VOAs	3	HCL
1	1230	ice	8015M - TPH-g	VOAs	3	HCL

NOTES:
Well going dry/purging very slowly ~ 27 gallons

LL_MW704_041311_01 @ 12:30

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

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PROJECT NAME: CENCO

PROJECT NO.: 1003-001-300

DATE: 4-13-2011

WELL NO. MW-704

SAMPLED BY: Frane Sosic

Time:	Purge Volume (Gal.)	Flow Rate (Gal./Min.)	pH	Sp.Cond. µS/cm³	Turbidity NTUs	DO mg/L	Temperature (F/C)	TDS	ORP mV	Color (silty)	Odor
1056	20		7.64	2061		2.40	21.80		-5.0	Olive gray	Strong HC/decay odor
1101	25		7.64	2044		2.72	21.74		14.2	-11-	-11-
1115	30		7.46	2010		3.01	17.13		92.5	Cloudy	Very slight to none
1133	35		7.50	2015		2.97	17.00		124.1	Clear	-11-
1153	40		7.53	2014		4.46	16.58		129.5	Clear	None
1211	45		7.46	2017		4.60	17.03		134.6	Clear	None

GROUNDWATER SAMPLING LOG

PROJECT NAME:	CENCO
PROJECT NO.:	1003-001-300
DATE:	4.12.2011

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

Well Notes: New 4" well

WELL CONDITION:
New - very good
133' PVC stinger w/air line installed

WEATHER CONDITIONS:
Cloudy & cool morning (~54°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 140' - 80" =	133.30	(ft.)
DEPTH TO WATER	109.21	(ft.)
HEIGHT OF WATER COLUMN	24.09	(ft.)
CASING VOLUME*	Hgt. x 0.66 Gal./Ft. = 15.8994	(gal)
PURGE VOLUME	x 3 = 47.6982	(gal)
PRODUCT THICKNESS		(ft.)

PURGE DATA

Time:	Purge Volume (Gal.)	Flow Rate (Gal./Min.)	pH	Sp.Cond. µ(S/cm)³	Turbidity NTUs	DO mg/L	Temperature (F/(C))	TDS	ORP mV	Color	Odor
922	5		8.11	2244		3.26	22.45		243.5	Gray	Strong HC/decay
924	10		7.98	2256		4.02	21.38		202.4	Gray	-11-
926	15		7.77	2249		3.13	22.49		195.7	Gray	-11-

Sample No.	Sample Time Time	Packing	Analyses	Container	Quantity	Preserv-ative	NOTES:
1	1000	ice	8260B - VOCs + Oxys	VOAs	3	HCL	LL_MW705_041211_01 @ 10:00
1	1000	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

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PROJECT NAME: CENCO

PROJECT NO.: 1003-001-300

DATE: 4-12-2011

WELL NO. MW-705

SAMPLED BY: Frane Sosic

Time:	Purge Volume (Gal.)	Flow Rate (Gal./Min.)	pH	Sp.Cond. µ(S/cm)³	Turbidity NTUs	DO mg/L	Temperature (F/C)	TDS	ORP mV	Color	Odor
928	20		7.82	2235		3.62	20.19		195.4	Gray	Strong HC/decay odor
934	25		7.75	2215		3.17	22.72		173.2	light gray	-"-
937	30		7.81	2220		2.99	22.86		160.5	-"-	-"-
940	35		7.83	2216		3.11	22.53		147.9	-"-	-"-
943	40		7.81	2205		3.25	22.78		135.8	murky gray	-"-
947	45		7.78	2204		3.23	23.01		131.3	-"-	-"-
950	50		7.79	2204		3.40	23.01		127.6	Dark gray	-"-

GROUNDWATER SAMPLING LOG

PROJECT NAME: CENCO
PROJECT NO.: 1003-001-300
DATE: 4-11-2011

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

Well Notes: New 4" well
WELL CONDITION:
New - very good
130' PVC stinger installed w/ air line
WEATHER CONDITIONS:
Partly cloudy w/ slight breeze (~60°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	105.79	(ft.)
HEIGHT OF WATER COLUMN	24.21	(ft.)
CASING VOLUME*	Hgt. x 0.66 Gal./Ft. = 15.9786	(gal)
PURGE VOLUME	x 3 = 47.9358	(gal)
PRODUCT THICKNESS		(ft.)

PURGE DATA

Time:	Purge Volume (Gal.)	Flow Rate (Gal./Min.)	pH	Sp.Cond. µS/cm³	Turbidity NTUs	DO mg/L	Temperature (F/C)	TDS	ORP mV	Color Very silty	Odor
915	5		8.07	1934	/	3.05	22.20	/	239.8	Grey	Gasoline
919	10		8.05	1958	/	2.93	22.15	/	216.0	-//-	-//-
923	15		7.99	1976	/	2.61	23.62	/	200.7	-//-	-//-

Sample No.	Sample Time Time	Packing	Analyses	Container	Quantity	Preserv-ative	NOTES: Purge slowed significantly after ~35 gal.
1	1030	ice	8260B - VOCs + Oxys	VOAs	3	HCL	
1	1030	ice	8015M - TPH-g	VOAs	3	HCL	LL_MW706_041111_01 @ 10:30

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

1/4" HDPE 100' (1003-001-200)

$35 (25 person) Mdal 3x M gloves (0000-000)

$25 (10 person) bd

Additional Groundwater Quality Parameters

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PROJECT NAME: CENCO

PROJECT NO.: 1003-001-300

DATE: 4-11-2011

WELL NO. MW-706

SAMPLED BY: Frane Sosic

Time:	Purge Volume (Gal.)	Flow Rate (Gal./Min.)	pH	Sp.Cond. µS/cm³	Turbidity NTUs	DO mg/L	Temperature (F/C)	TDS	ORP mV	Color Silty	Odor
927	20		7.99	1962		2.55	23.41		192.3	Light gray	Gasoline
931	25		8.01	1944		2.63	23.00		187.2	Light grey	-"-
936	30		8.00	1979		3.44	23.36		182.6	-"-	-"-
941	35		7.97	1980		3.21	23.45		175.7	-"-	-"-
948	40		7.93	1944		3.19	22.48		169.2	-"-	-"-
1003	45		7.95	1945		3.08	22.15		158.3	Cloudy	-"-
1016	50		7.99	1930		4.02	22.33		158.7	Cloudy	-"-

GROUNDWATER SAMPLING LOG

MW-707

PROJECT NAME:	CENCO
PROJECT NO.:	1003-001-300
DATE:	4.8.2011

WELL NO. MW-707 Hospital

SAMPLED BY: Frane Sosic

Well Notes: New 4" well

WELL CONDITION:

New - very good

WEATHER CONDITIONS:

Cloudy / breezy / light rain (~58°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	130.91	(ft.)
DEPTH TO WATER	102.95	(ft.)
HEIGHT OF WATER COLUMN	27.96	(ft.)
CASING VOLUME*	Hgt. x 0.66 Gal./Ft. = 18.4536	(gal)
PURGE VOLUME	x 3 = 55.3608	(gal)
PRODUCT THICKNESS		(ft.)

PURGE DATA

Time:	Purge Volume (Gal.)	Flow Rate (Gal./Min.)	pH	Sp.Cond. µS/cm³	Turbidity NTUs	DO mg/L	Temperature (F/C)	TDS	ORP mV	Color	Odor
											Strong
1444	5		8.08	1740	/	4.22	21.43	/	36.8	Cloudy	Diesel odor
1447	10		7.95	1758		2.89	21.05		-42.4	-"-	-"-
1450	15		7.95	1752		3.24	21.23		-47.8	-"-	-"-

Sample No.	Sample Time Time	Packing	Analyses	Container	Quantity	Preservative	NOTES:
1	1530	ice	8260B - VOCs + Oxys	VOAs	3	HCL	LL_MW707_040811_01 @ 1530
1	1530	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

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PROJECT NAME: CENCO

PROJECT NO.: 1003-001-300

DATE: 4.8.2011

WELL NO. MW-707

SAMPLED BY: Frane Sosic

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	Odor Strong
1453	20		7.91	1780	—	3.23	21.76	—	-43.2	Cloudy	Diesel odor
1456	25		7.87	1797	—	3.33	21.82	—	-23.7	-"-	-"-
1459	30		7.90	1821	—	2.96	21.58	—	-11.6	-"-	-"-
1502	35		7.87	1849	—	3.66	21.62	—	8.7	-"-	-"-
1506	40		7.86	1861	—	2.76	21.53	—	21.7	-"-	-"-
1511	45		7.86	1841	—	3.21	21.33	—	38.3	-"-	-"-
1514	50		7.82	1839	—	3.19	21.30	—	44.8	-"-	-"-
1518	55		7.89	1822	—	3.24	21.36	—	51.9	-"-	-"-

GROUNDWATER SAMPLING LOG

PROJECT NAME: CENCO
PROJECT NO.: 1003-001-300
DATE: 4.6.2011

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

Well Notes: New 4" well
WELL CONDITION:
New - very good
New 130' PVC stinger w/airline installed
WEATHER CONDITIONS:
Cloudy/humid (~74°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	101.91	(ft.)
HEIGHT OF WATER COLUMN	28.09	(ft.)
CASING VOLUME*	Hgt. x 0.66 Gal./Ft. = 18.5394	(gal)
PURGE VOLUME	DTW DTP x 3 = 55.6182	(gal)
PRODUCT THICKNESS	102.15 − 101.91 = 0.24	(ft.)

PURGE DATA

Time:	Purge Volume (Gal.)	Flow Rate (Gal./Min.)	pH	Sp.Cond. µS/cm³	Turbidity NTUs	DO mg/L	Temperature (F (C))	TDS	ORP mV	Color	Odor
1203	5		7.77	2229		2.39	21.49		124.5	Murky	Strong
1208	10		7.82	2194		2.95	23.39		-7.6	-//-	-//-
1210	15		7.79	2189		2.84	23.77		-63.2	-//-	-//-

Visible Sheen

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

NOTES:
Product detected via IF probe (0.24' thick)
FPPH hand bailed to check thickness and to document prior to installing new 130' PVC stinger. Will purge & sample according to std. protocol next
LL_MW708_040611_01 @ 12:50

NOT SAMPLED - FP

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

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PROJECT NAME: CENCO

PROJECT NO.: 1003-001-300

DATE: 4-6-2011

WELL NO. MW-708

SAMPLED BY: Frane Sosic / EL

Time:	Purge Volume (Gal.)	Flow Rate (Gal./Min.)	pH	Sp.Cond. µS/cm³	Turbidity NTUs	DO mg/L	Temperature (F/C)	TDS	ORP	Color	Odor
1212	20		7.81	2179		2.43	23.85		-58.7	Murky	Strong HC odor
1215	25		7.81	2181		2.46	23.77		-67.0	-"-	-"-
1218	30		7.84	2171		2.57	23.55		-95.8	-"-	-"-
1221	35		7.87	2161		2.68	23.31		-105.0	-"-	-"-
1223	40		7.81	2174		2.09	23.33		-103.6	-"-	-"-
1225	45		7.80	2177		2.25	23.30		-109.4	-"-	-"-
1230	50		7.79	2171		3.07	23.74		-106.2	-"-	-"-
1233	55		7.84	2167		3.03	23.73		-119.8	-"-	-"-

visible sheen in purged water from MW-708

GROUNDWATER SAMPLING LOG

PROJECT NAME: CENCO
PROJECT NO.: 1003-001-300
DATE: 4.6.2011

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

Well Notes: New 4" well
WELL CONDITION:
New - very good
New 130' stinger installed w/ air line
WEATHER CONDITIONS:
Cloudy / light breeze (~60°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	113.95	(ft.)
HEIGHT OF WATER COLUMN	16.05	(ft.)
CASING VOLUME*	Hgt. x 0.66 Gal./Ft. = 10.593	(gal)
PURGE VOLUME	x 3 = 31.779	(gal)
PRODUCT THICKNESS		(ft.)

PURGE DATA

Time:	Purge Volume (Gal.)	Flow Rate (Gal./Min.)	pH	Sp.Cond. µ(S/cm)³	Turbidity NTUs	DO mg/L	Temperature (F/C)	TDS	ORP mV	Color	Odor
9:17	5		8.11	2300	/	4.35	21.06	/	242.3	Cloudy	HC odor
9:20	10		8.13	2303		3.01	20.39		221.0	Cloudy	slight
9:23	15		8.07	2286		3.76	21.00		197.4	Lt. gray	HC odor

Sample No.	Sample Time Time	Packing	Analyses	Container	Quantity	Preserv-ative	NOTES:
1	10:10	ice	8260B - VOCs + Oxys	VOAs	3	HCL	LL_MW709_040611_01 @ 10:10
1	10:10	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

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PROJECT NAME: CENCO

PROJECT NO.: 1003-001-300

DATE: 4.6.2011

WELL NO. MW-709

SAMPLED BY: Frane Sosic / EL

Time:	Purge Volume (Gal.)	Flow Rate (Gal./Min.)	pH	Sp.Cond. µS/cm)³	Turbidity NTUs	DO mg/L	Temperature (F/C)	TDS	ORP µV	Color	Odor
9:28	20		8.06	2297		4.13	21.33		182.0	Grey	HC odor
9:35	25		8.03	2304		3.87	20.82		164.5	Grey	HC odor
9:46	30		8.06	2286		3.82	20.65		151.4	Cloudy	HC odor
9:52	32		8.08	2271		3.74	20.56		149.6	Cloudy	HC odor

GROUNDWATER SAMPLING LOG

PROJECT NAME: CENCO
PROJECT NO.: 1003-001-300
DATE: 4.7.2011

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

Well Notes: New 4" well
WELL CONDITION:
New - very good
130' PVC stinger
WEATHER CONDITIONS:
Cloudy/windy/drizzle (~54°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	99.67		(ft.)
HEIGHT OF WATER COLUMN	30.33		(ft.)
CASING VOLUME*	Hgt. x 0.66 Gal./Ft. =	20.0178	(gal)
PURGE VOLUME	x 3 =	60.0534	(gal)
PRODUCT THICKNESS			(ft.)

PURGE DATA

Time:	Purge Volume (Gal.)	Flow Rate (Gal./Min.)	pH	Sp.Cond. µS/cm³	Turbidity NTUs	DO mg/L	Temperature (F/C)	TDS	ORP mV	Color	Odor
843	5		8.19	1895		4.22	21.41		109.7	Clear	None
845	10		8.03	1882		3.03	21.14		108.3	-"-	-"-
849	15		8.01	1883		4.13	21.20		98.7	-"-	-"-

Sample No.	Sample Time Time	Packing	Analyses	Container	Quantity	Preserv-ative	NOTES:
1	920	ice	8260B - VOCs + Oxys	VOAs	3	HCL	LL_MW710_040711_01 @ 9:20
1	920	ice	8015M - TPH-g	VOAs	3	HCL	
2	930	ice	8260B	VOAs	3	HCl	LL_MW710_040711_02 @ 9:30
2	930	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: 4-7-2011

WELL NO. MW-710

SAMPLED BY: Frane Sosic / EL

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
852	20		7.97	1884		3.89	21.23		92.0	Clear	None
854	25		7.95	1880		3.47	21.49		91.7	-"-	-"-
857	30		8.00	1881		4.18	20.95		92.6	-"-	-"-
902	35		8.00	1878		3.69	20.87		94.0	Brown	-"-
905	40		7.98	1877		3.93	20.64		92.2	Clear	-"-
909	45		7.95	1874		3.49	20.39		94.1	Cloudy	-"-
912	50		7.97	1877		3.34	20.85		96.5	Clear	-"-
915	55		7.92	1878		3.39	20.64		97.3	Clear	-"-
918	60		7.88	1878		3.54	20.63		97.7	Clear	-"-

GROUNDWATER SAMPLING LOG

PROJECT NAME: CENCO
PROJECT NO.: 1003-001-300
DATE: 4-6-2011

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

Well Notes: New 4" well
WELL CONDITION:
New
130' PVC stinger w/ airline installed
WEATHER CONDITIONS:
Mostly sunny (~78°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	106.92	(ft.)
HEIGHT OF WATER COLUMN	23.08	(ft.)
CASING VOLUME*	Hgt. x 0.66 Gal./Ft. = 15.2328	(gal)
PURGE VOLUME	x 3 = 45.6984	(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
1457	5		7.87	1885		3.26	23.33		57.3	Murky	Strong HC odor
1459	10		7.90	1875		2.93	22.90		-53.8	-"-	-"-
1502	15		7.88	1870		3.45	22.85		-62.1	-"-	-"-

Sample No.	Sample Time Time	Packing	Analyses	Container	Quantity	Preserv-ative	NOTES:
1	1530	ice	8260B - VOCs + Oxys	VOAs	3	HCL	LL_MW711_040611_01 @ 1530
1	1530	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: 4-6-2011

WELL NO. MW-711

SAMPLED BY: Frane Sosic /EL

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
1504	20		7.91	1871	—	3.23	22.85	—	-57.3	Murky	Strong
1506	25		7.96	1874	—	3.57	22.64	—	-59.7	-11-	-11-
1508	30		7.96	1888	—	2.86	22.65	—	-49.0	-11-	-11-
1510	35		7.92	1911	—	3.07	22.58	—	-57.8	-11-	-11-
1513	40		7.92	1914	—	3.08	22.72	—	-65.4	-11-	-11-
1516	45		7.91	1921	—	3.39	22.80	—	-59.2	-11-	-11-

GROUNDWATER SAMPLING LOG

PROJECT NAME: CENCO
PROJECT NO.: 1003-001-300
DATE: 4-7-2011

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

Well Notes: New 4" well
WELL CONDITION:
New - very good
~134' PVC stinger
WEATHER CONDITIONS:
Mostly sunny w/ winds 5-20 mph

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

WELL INFORMATION		
TOP OF CASING ELEV.		(ft.)
WELL DIAMETER		(inches)
DEPTH OF WELL	133.70	(ft.)
DEPTH TO WATER	104.25	(ft.)
HEIGHT OF WATER COLUMN	29.45	(ft.)
CASING VOLUME*	Hgt. x 0.66 Gal./Ft. = 19.437	(gal)
PURGE VOLUME	x 3 = 58.311	(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
1259	5		7.91	1831		2.80	22.27		152	Green/gray	Strong HC odor
1301	10		7.77	1837		3.30	22.31		126	Cloudy brown	-11-
1304	15		7.77	1823		3.21	22.39		62.3	-11-	-11-

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

NOTES:
High VOC/H_2S/LEL vapor readings.
Well allowed to vent for 1.75 hrs. prior to purging
Respirators worn for stinger installation.

LL_MW712_040711_01 @ 1345

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

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PROJECT NAME: CENCO

PROJECT NO.: 1003-001-300

DATE: 4.7.2011

WELL NO. MW-712

SAMPLED BY: Frane Sosic / EL

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
1306	20		7.74	1823		3.81	22.53		14.7	Murky brown	Strong HC odor
1311	25		7.82	1795		3.59	22.14		34.0	Gray-green	-//-
1315	30		7.78	1799		3.52	22.68		25.7	-//-	-//-
1318	35		7.78	1801		3.60	22.39		26.6	-//-	-//-
1322	40		7.78	1789		3.37	22.27		26.2	-//-	-//-
1328	45		7.74	1787		2.82	22.53		22.4	-//-	-//-
1330	50		7.77	1793		3.03	22.16		15.8	-//-	-//-
1332	55		7.78	1778		2.98	22.13		22.2	Cloudy brown	-//-
1337	60		7.74	1772		3.08	22.50		21.7	Cloudy brown	-//-

GROUNDWATER SAMPLING LOG

PROJECT NAME: CENCO
PROJECT NO.: 1003-001-300
DATE: 4.8.2011

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

Well Notes: New 4" well
WELL CONDITION:
New - very good
130' PVC Stinger installed
WEATHER CONDITIONS:
Scattered clouds (~50°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	130.79	(ft.)
DEPTH TO WATER	110.03	(ft.)
HEIGHT OF WATER COLUMN	20.76	(ft.)
CASING VOLUME*	Hgt. x 0.66 Gal./Ft. = 13.7016	(gal)
PURGE VOLUME	x 3 = 41.1048	(gal)
PRODUCT THICKNESS		(ft.)

PURGE DATA

Time:	Purge Volume (Gal.)	Flow Rate (Gal./Min.)	pH	Sp.Cond. µS/cm)³	Turbidity NTUs	DO mg/L	Temperature (F/C)	TDS	ORP mV	Color	Odor
844	5		8.16	2100		4.39	20.25		155.6	Cloudy	None
846	10		8.11	2116		3.18	21.22		150.2	-"-	-"-
849	15		8.06	2113		3.19	21.68		137.9	-"-	-"-

Sample No.	Sample Time Time	Packing	Analyses	Container	Quantity	Preserv-ative	NOTES:
1	930	ice	8260B - VOCs + Oxys	VOAs	3	HCL	LL_MW713_040811_01 @ 9:30
1	930	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: 4.8.2011

WELL NO. MW-713

SAMPLED BY: Frane Sosic

3.05

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
852	20		8.04	2110		~~3.3~~	21.58		129.2	cloudy gray	slight HC
855	25		7.98	2118		3.40	21.67		125.9	cloudy gray	slight HC
859	30		8.00	2116		3.65	21.90		120.3	" "	" "
903	35		7.98	2111		4.42	21.70		109.5	clear gray	" "
906	40		7.95	2115		3.84	21.72		99.5	cloudy gray	" "

GROUNDWATER SAMPLING LOG

PROJECT NAME: CENCO
PROJECT NO.: 1003-001-300
DATE: 4.7.2011

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

Well Notes: New 4" well
WELL CONDITION:
New - very good

WEATHER CONDITIONS:
Mostly cloudy w/ high wind gusts (~55M)

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

WELL INFORMATION		
TOP OF CASING ELEV.		(ft.)
WELL DIAMETER 4"	140+32" (TD)	(inches)
DEPTH OF WELL	142.67	(ft.)
DEPTH TO WATER	108.28	(ft.)
HEIGHT OF WATER COLUMN	34.39	(ft.)
CASING VOLUME*	Hgt. x 0.66 Gal./Ft. = 22.6974	(gal)
PURGE VOLUME	x 3 = 68.0922	(gal)
PRODUCT THICKNESS		(ft.)

PURGE DATA

Time:	Purge Volume (Gal.)	Flow Rate (Gal./Min.)	pH	Sp.Cond. µS/cm³	Turbidity NTUs	DO mg/L	Temperature (F/C)	TDS	ORP	Color	Odor
1502	5		8.42	2697	/	3.35	20.67	/	89.7	Cloudy	Strong HC odor
1505	10		8.13	2708	/	3.30	20.45	/	89.0	-"-	-"-
1507	15		7.92	2732	/	3.95	22.10	/	76.7	Clear	-"-

Sample No.	Sample Time Time	Packing	Analyses	Container	Quantity	Preserv-ative	NOTES:
1	1600	ice	8260B - VOCs + Oxys	VOAs	3	HCL	LL_MW714_040711_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

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PROJECT NAME: CENCO

PROJECT NO.: 1003-001-300

DATE: 4.7.2011

WELL NO. MW-714

SAMPLED BY: Frane Sosic / EL

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	Odor
1511	20		7.90	2715		2.91	22.33		52.9	Clear	Strong HC odor
1514	25		7.88	2723		2.70	22.25		47.6	-"-	-"-
1518	30		7.97	2709		3.81	21.52		43.5	-"-	-"-
1520	35		7.93	2711		2.86	21.86		40.7	-"-	-"-
1523	40		7.93	2711		2.44	21.36		40.0	-"-	-"-
1527	45		7.90	2718		2.16	21.50		41.5	-"-	-"-
1531	50		7.90	2719		2.80	21.05		42.7	-"-	-"-
1538	55		7.90	2725		2.59	21.60		36.2	-"-	-"-
1540	60		7.93	2714		3.01	21.37		38.4	-"-	-"-
1543	65		7.91	2718		2.78	21.75		29.0	Clear	Strong
1546	70		7.92	2708		3.53	21.76		33.6	Clear	Strong

GROUNDWATER SAMPLING LOG

PROJECT NAME: CENCO
PROJECT NO.: 1003-001-300
DATE: 4-8-2011

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

Well Notes: New 4" well
WELL CONDITION:
New - very good
134' PVC stinger installed
WEATHER CONDITIONS:
Mostly sunny w/ light breeze (~70°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	134.00	(ft.)
DEPTH TO WATER	101.60	(ft.)
HEIGHT OF WATER COLUMN	32.40	(ft.)
CASING VOLUME*	Hgt. x 0.66 Gal./Ft. = 21.384	(gal)
PURGE VOLUME	x 3 = 64.152	(gal)
PRODUCT THICKNESS		(ft.)

PURGE DATA

Time:	Purge Volume (Gal.)	Flow Rate (Gal./Min.)	pH	Sp.Cond. µ(S/cm)³	Turbidity NTUs	DO mg/L	Temperature (F/C)	TDS	ORP mV	Color	Odor
1107	5		7.91	1707	/	3.12	20.87	/	101.5	Murky green-gray	Strong strange odor
1112	10		7.88	1735	/	2.88	22.27	/	26.5	-"-	-"-
1115	15		7.81	1760	/	2.89	22.16	/	-2.7	-"-	-"-

Sample No.	Sample Time Time	Packing	Analyses	Container	Quantity	Preserv-ative	NOTES:
1	1200	ice	8260B - VOCs + Oxys	VOAs	3	HCL	LL_MW715_040811_01 @ 1200
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

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PROJECT NAME: CENCO

PROJECT NO.: 1003-001-300

DATE: 4-8-2011

WELL NO. MW-715

SAMPLED BY: Frane Sosic / EL

Time:	Purge Volume (Gal.)	Flow Rate (Gal./Min.)	pH	Sp.Cond. µS/cm³	Turbidity NTUs	DO mg/L	Temperature (F/C)	TDS	ORP mV	Color	Odor
1117	20		7.84	1777		2.98	22.10		-7.2	Cloudy	Strong sharp odor
1120	25		7.83	1804		3.11	21.96		-6.5	-11-	-11-
1124	30		7.80	1821		3.23	21.98		-3.1	-11-	Diesel odor
1127	35		7.79	1830		3.27	22.59		-8.8	-11-	-11-
1130	40		7.75	1836		3.79	22.38		-2.3	Clear	-11-
1137	45		7.77	1838		3.06	22.04		1.7	-11-	-11-
1140	50		7.79	1831		2.51	22.12		11.6	-11-	-11-
1142	55		7.79	1837		2.48	22.18		4.2	-11-	-11-
1144	60		7.79	1836		2.51	22.30		-2.8	-11-	-11-
1147	65		7.78	1835		2.59	22.46		16.3	-11-	-11-

GROUNDWATER SAMPLING LOG

PROJECT NAME: CENCO
PROJECT NO.: 1003-001-300
DATE: 4.14.2011

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

WELL NOTES:
WELL CONDITION:
OK

WEATHER CONDITIONS:
Clear/sunny (~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	129.61	(ft.)
DEPTH TO WATER	111.82	(ft.)
HEIGHT OF WATER COLUMN	17.79	(ft.)
CASING VOLUME*	Hgt. x ~~0.163~~ 0.66 Gal./Ft. = 11.7414	(gal)
PURGE VOLUME	x 3 = 35.2242	(gal)
PRODUCT THICKNESS		(ft.)

PURGE DATA

Time:	Purge Volume (Gal.)	Flow Rate (Gal./Min.)	pH	Sp.Cond. µS/cm)³	Turbidity NTUs	DO mg/L	Temperature (F/C)	TDS	ORP	Color	Odor
											Slight
1411	5		7.67	2545	/	1.81	23.87	/	100.4	Cloudy	HC odor
1419	10		7.65	2560	/	2.10	23.55	/	87.3	Clear	-//-
1423	15		7.65	2568	/	2.58	23.40	/	73.2	Clear	-//-

Sample No.	Sample Time Time	Packing	Analyses	Container	Quantity	Preserv-ative	NOTES:
1	1455	ice	8260B - VOCs + Oxys	VOAs	3	HCL	LL_W1_041411_01 @ 1455
1	1455	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

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PROJECT NAME: CENCO

PROJECT NO.: 1003-001-300

DATE: 4-14-2011

WELL NO. W-1

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 Slight
1426	20		7.64	2563		1.83	23.52		51.3	Clear	HC odor
1430	25		7.64	2568		1.70	23.37		46.6	-"-	-"-
1433	30		7.64	2565		1.95	23.50		45.2	-"-	-"-
1437	35		7.65	2566		1.94	23.53		37.3	-"-	-"-

GROUNDWATER SAMPLING LOG

PROJECT NAME: CENCO
PROJECT NO.: 1003-001-300
DATE: 4-14-2011

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

WELL NOTES:
WELL CONDITION:
Not great - no bolts to well lid

WEATHER CONDITIONS:
Clear/sunny (~75°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	114.12	(ft.)
HEIGHT OF WATER COLUMN	15.59	(ft.)
CASING VOLUME*	Hgt. x ~~0.163~~ 0.66 Gal./Ft. = 10.2894	(gal)
PURGE VOLUME	x 3 = 30.8682	(gal)
PRODUCT THICKNESS		(ft.)

PURGE DATA

Time:	Purge Volume (Gal.)	Flow Rate (Gal./Min.)	pH	Sp.Cond. µ(S/cm)³	Turbidity NTUs	DO mg/L	Temperature (F/C)	TOS	ORP mV	Color	Odor
1113	5		7.89	2435		2.75	21.90		8.3	Clear	Slight HC odor
1119	10		7.77	2455		1.99	20.62		-38.2	Clear	None
1140	15		7.80	2458		4.37	15.79		40.6	Clear	None

Sample No.	Sample Time Time	Packing	Analyses	Container	Quantity	Preserv-ative	NOTES:
1	1515	ice	8260B - VOCs + Oxys	VOAs	3	HCL	LL_W4_041411_01 @ 15:15
1	1515	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: 4-14-2011

WELL NO. W-4

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
1223	20		7.79	2478	/	3.63	15.38	/	85.1	Clear	None
1303	25		7.75	2490		3.61	16.20		94.7	Clear	None
1343	30		7.79	2491		4.47	16.76		107.8	Clear	None

GROUNDWATER SAMPLING LOG

PROJECT NAME:	CENCO	WELL NO.	W-7 Site
PROJECT NO.:	1003-001-300	SAMPLED BY:	Frane Sosic
DATE:	4.14.2011		

WELL NOTES: Deep production well-no purge (sample in any order)

WELL CONDITION: OK

WEATHER CONDITIONS: Clear / sunny (~75°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	NO PURGE	(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	4.14.2011	ice	8260B - VOCs + Oxys	VOAs	3	HCL	LL_W7_041411_01 @ 9:50
1	9:50	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: 4.21.2011

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

WELL NOTES: Deep production well-no purge (sample in any order)
WELL CONDITION: OK

WEATHER CONDITIONS: Partly cloudy + humid (~72°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	4-21-11	ice	8260B - VOCs + Oxys	VOAs	3	HCL	LL_W8_042111_01 @ 9:00
1	0900	ice	8015M - TPH-g	VOAs	3	HCL	
2	4.21.11	ice	8260B	VOAs	3	HCl	DUP LL_W8_042111_02 @ 10:00
2	1000	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

GROUNDWATER SAMPLING LOG

PROJECT NAME:	CENCO	WELL NO.	W-9 Site
PROJECT NO.:	1003-001-300	SAMPLED BY:	Frane Sosic
DATE:	4.5.2011 (Purged) / 4.14.2011 (Sampled)		

WELL INFORMATION		
TOP OF CASING ELEV.		(ft.)
WELL DIAMETER	2"	(inches)
DEPTH OF WELL	110.37	(ft.)
DEPTH TO WATER	94.77	(ft.)
HEIGHT OF WATER COLUMN	15.6	(ft.)
CASING VOLUME*	Hgt. x 0.163 Gal./Ft. = 2.5428	(gal)
PURGE VOLUME	x 3 = 7.6284	(gal)
PRODUCT THICKNESS		(ft.)

WELL CONDITION:
Not good - grout dropped
well lid has no bolts

WEATHER CONDITIONS:
Partly cloudy + windy (5-20 mph)
~74°F

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

PURGE DATA

Time:	Purge Volume (Gal.)	Flow Rate (Gal./Min.)	pH	Sp.Cond. µS/cm³	Turbidity NTUs	DO mg/L	Temperature (F/C)	TDS	ORP	Color	Odor
1523	2		7.84	2751		2.38	20.22		89.3	Reddish brown	Slight HC odor
1535	4		7.71	2793		4.07	18.90		82.3	Cloudy reddish	-11-
	* 7										-11-

↳ W-9 went dry after ~5.5 gallons

Sample No.	Sample Time Time	Packing	Analyses	Container	Quantity	Preserv-ative
1	4.14.2011	ice	8260B - VOCs + Oxys	VOAs	3	HCL
1	8:36	ice	8015M - TPH-g	VOAs	3	HCL

NOTES:
Well purged dry @ ~5.5 gal (will sample next day)
LL_W9_041411_01 @ 8:36

ADDITIONAL INFORMATION:

TOC = Top of well casing

*Casing Volume = $r^2h(ft) \times 7.48$ 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: 4-15-2011 (Purged)

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

WELL NOTES: Slow recharge: purge 1 day prior to event conclusion
WELL CONDITION: OK-no bolts to well lid

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	2"		(inches)
DEPTH OF WELL	110.21		(ft.)
DEPTH TO WATER	103.79		(ft.)
HEIGHT OF WATER COLUMN	6.42		(ft.)
CASING VOLUME*	Hgt. x 0.163 Gal./Ft. =	1.04646	(gal)
PURGE VOLUME	x 3 =	3.13938	(gal)
PRODUCT THICKNESS			(ft.)

PURGE DATA

Time:	Purge Volume (Gal.)	Flow Rate (Gal./Min.)	pH	Sp.Cond. µS/cm³	Turbidity NTUs	DO mg/L	Temperature (F/C)	TDS	ORP mV	Color	Odor
*	1										
	2										
	3										

→ W-10 went dry ~ ≤0.5 gallon

Sample No.	Sample Time Time	Packing	Analyses	Container	Quantity	Preserv-ative	NOTES:
1	4-21-11	ice	8260B - VOCs + Oxys	VOAs	3	HCL	LL_W10_042111_01 @ 1100
1	1100	ice	8015M - TPH-g	VOAs	3	HCL	
~~2~~		~~ice~~	~~8260B - VOCs + Oxys~~	~~VOAs~~	~~3~~	~~HCL~~	~~Duplicate~~
~~2~~		~~ice~~	~~8015M - TPH-g~~	~~VOAs~~	~~3~~	~~HCL~~	~~Duplicate~~

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: 4·15·2011

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

WELL NOTES: May have product
WELL CONDITION:
OK - top 3' of stinger was broken and stuck inside of coupling (fixed it prior to purging)
WEATHER CONDITIONS:
Clear/sunny (~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	112.61	(ft.)
DEPTH TO WATER	107.52	(ft.)
HEIGHT OF WATER COLUMN	5.09	(ft.)
CASING VOLUME*	Hgt. x 0.163 Gal./Ft. = 0.82967	(gal)
PURGE VOLUME	x 3 = 2.48901	(gal)
PRODUCT THICKNESS		(ft.)

PURGE DATA

Time:	Purge Volume (Gal.)	Flow Rate (Gal./Min.)	pH	Sp.Cond. µ(S/cm)³	Turbidity NTUs	DO mg/L	Temperature (F/C)	TDS	ORP mV	Color	Odor
920	1		7.52	2371		1.19	23.06		-46.3	Dark gray	Strong Ethy/HC odor
923	4		7.54	2369		2.50	23.25		-84.5	Light gray	-//-
925	7		7.53	2370		2.87	23.40		-98.2	-//-	-//-
926	10		7.55	2374		1.64	23.52		-103.7	-//-	-//-

Sample No.	Sample Time Time	Packing	Analyses	Container	Quantity	Preserv-ative	NOTES:
1	4-15-11	ice	8260B - VOCs + Oxys	VOAs	3	HCL	LL-W11_041511_01 @ 10:30
1	1030	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

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PROJECT NAME: CENCO

PROJECT NO.: 1003-001-300

DATE: 4-15-2011

WELL NO. W-11

SAMPLED BY: Frane Sosic

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
926	10		7.55	2374		1.64	23.52		-103.7	Light gray	CH_4/HC odor
930	15		7.60	2375		2.50	23.55		-95.4	Cloudy	CH_4/HC odor
934	20		7.63	2368		1.94	23.38		-98.6	Cloudy	-"-
937	25		7.60	2377		2.07	23.39		-100.5	Clear	-"-
942	30		7.60	2376		2.13	23.42		-103.5	Clear	-"-
946	35		7.59	2376		2.07	23.50		-98.2	Clear	-"-
951	40		7.59	2374		1.95	23.62		-96.6	Clear	-"-
956	45		7.58	2375		2.77	23.77		-85.0	Clear	-"-
1000	50		7.58	2372		1.68	23.69		-77.1	Clear	-"-

GROUNDWATER SAMPLING LOG

PROJECT NAME:	CENCO
PROJECT NO.:	1003-001-300
DATE:	4.19.2011

WELL NO.	W-12 Site
SAMPLED BY:	Frane Sosic
WELL NOTES:	May Be Dry
WELL CONDITION:	Good
WEATHER CONDITIONS:	Cloudy (~62°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	109.00	(ft.)
HEIGHT OF WATER COLUMN	7.10	(ft.)
CASING VOLUME*	Hgt. x 0.163 Gal./Ft. = 1.1573	(gal)
PURGE VOLUME	x 3 = 3.4719	(gal)
PRODUCT THICKNESS		(ft.)

PURGE DATA

Time:	Purge Volume (Gal.)	Flow Rate (Gal./Min.)	pH	Sp.Cond. µ(S/cm)³	Turbidity NTUs	DO mg/L	Temperature (F/C)	TDS	ORP mV	Color	Odor Slight
920	1		7.80	2072	/	2.50	20.85	/	16.3	Light gray	HC/VOC odor
928	5		7.80	2050	/	2.90	20.57	/	2.6	Light gray	-//-
932	7		7.79	2050	/	2.35	20.45	/	-13.3	Light gray	-//-
939	10		7.80	2050	—	2.26	20.43	—	-14.2	Cloudy	-//-

Sample No.	Sample Time Time	Packing	Analyses	Container	Quantity	Preserv-ative	NOTES:
1	1120	ice	8260B - VOCs + Oxys	VOAs	3	HCL	LL_W12_041911_01 @ 11:20
1	1120	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

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PROJECT NAME: CENCO

PROJECT NO.: 1003-001-300

DATE: 4.19.2011

WELL NO. W-12

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 Slight
950	15		7.77	2051		1.96	20.12		8.4	Clear	HC/VOC odor
1001	20		7.77	2052		1.97	20.12		9.5	Dark gray	-11-
1012	25		7.75	2053		2.13	20.45		21.7	Cloudy	-11-
1027	30		7.77	2054		2.10	20.99		15.2	Clear	-11-

GROUNDWATER SAMPLING LOG

PROJECT NAME: CENCO
PROJECT NO.: 1003-001-300
DATE: 4.4.2011

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

WELL INFORMATION		
TOP OF CASING ELEV.		(ft.)
WELL DIAMETER		(inches)
DEPTH OF WELL	111.85	(ft.)
DEPTH TO WATER	98.16	(ft.)
HEIGHT OF WATER COLUMN	13.69	(ft.)
CASING VOLUME*	Hgt. x 0.163 Gal./Ft. = 2.23147	(gal)
PURGE VOLUME	x 3 = 6.69441	(gal)
PRODUCT THICKNESS		(ft.)

WELL CONDITION:
OK

WEATHER CONDITIONS:
Clear sunny (~56°F AM)

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

PURGE DATA

Time:	Purge Volume (Gal.)	Flow Rate (Gal./Min.)	pH	Sp.Cond. µ(s/cm)³	Turbidity NTUs	DO mg/L	Temperature (F/C)	TDS	ORP mV	Color	Odor
8:18	2		8.41	1885	/	5.12	19.73	/	88.1	Cloudy	None
8:24	4		8.31	1884	/	4.22	20.42	/	86.1	Clear	-"-
8:31	6		8.29	1890	/	4.81	20.01	/	89.6	Clear	-"-

Sample No.	Sample Time Time	Packing	Analyses	Container	Quantity	Preserv-ative	NOTES:
1	8:45	ice	8260B - VOCs + Oxys	VOAs	3	HCL	LL_W14A_040411_01 @ 8:45
1	8:45	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: 4·4·2011

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

WELL INFORMATION		
TOP OF CASING ELEV.		(ft.)
WELL DIAMETER		(inches)
DEPTH OF WELL	166.57	(ft.)
DEPTH TO WATER	95.71	(ft.)
HEIGHT OF WATER COLUMN	70.86	(ft.)
CASING VOLUME*	Hgt. x 0.163 Gal./Ft. = 11.55018	(gal)
PURGE VOLUME	x 3 = 34.65054	(gal)
PRODUCT THICKNESS		(ft.)

WELL CONDITION:
OK

WEATHER CONDITIONS:
Clear & sunny w/ light breeze (~65°F)

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

PURGE DATA

Time:	Purge Volume (Gal.)	Flow Rate (Gal./Min.)	pH	Sp.Cond. µS/cm³	Turbidity NTUs	DO mg/L	Temperature °C	TDS	ORP mV	Color	Odor
9:20	5		8.36	1678	/	3.33	19.11	/	71.9	Cloudy	Slight HC odor
9:31	10		8.35	1680	/	5.53	19.49	/	45.8	Cloudy	Slight HC odor
9:47	15		8.35	1675	/	5.51	19.50	/	51.2	Clear	Slight HC odor

Sample No.	Sample Time Time	Packing	Analyses	Container	Quantity	Preserv-ative	NOTES:
1	1137	ice	8260B - VOCs + Oxys	VOAs	3	HCL	LL_W14B_040411_01 @ 11:37
1	1137	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

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PROJECT NAME: CENCO

PROJECT NO.: 1003-001-300

DATE: 4.4.2011

WELL NO. 14B

SAMPLED BY: Frane Sosic

Time:	Purge Volume (Gal.)	Flow Rate (Gal./Min.)	pH	Sp.Cond. µ(S/cm)³	Turbidity NTUs	DO mg/L	Temperature (F/C)	TDS	ORP mV	Color	Odor
10:00	20		8.26	1663	/	4.43	20.05	/	70.2	Clear	Slight HC odor
10:25	25		8.33	1660		4.76	20.16		68.5	-"-	-"-
10:52	30		8.29	1648		5.46	21.10		76.7	-"-	-"-
11:23	35		8.27	1664		5.95	21.73		82.6	-"-	-"-

GROUNDWATER SAMPLING LOG

PROJECT NAME: CENCO
PROJECT NO.: 1003-001-300
DATE: 4.4.2011

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

WELL INFORMATION		
TOP OF CASING ELEV.		(ft.)
WELL DIAMETER		(inches)
DEPTH OF WELL	194.95	(ft.)
DEPTH TO WATER	96.00	(ft.)
HEIGHT OF WATER COLUMN	98.95	(ft.)
CASING VOLUME*	Hgt. x 0.163 Gal./Ft. = 16.12885	(gal)
PURGE VOLUME	x 3 = 48.38655	(gal)
PRODUCT THICKNESS		(ft.)

WELL CONDITION:
OK

WEATHER CONDITIONS:
Clear + sunny w/ slight breeze (~80°F)
Wind picks up in afternoon

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

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
1313	5		8.20	1630	/	4.35	22.56	/	105.2	Cloudy	Slight odor
1332	10		8.20	1616	/	4.36	22.26	/	81.4	-//-	-//-
1348	15		8.19	1610	/	4.02	22.54	/	70.1	Clear	-//-

Sample No.	Sample Time Time	Packing	Analyses	Container	Quantity	Preserv-ative	NOTES:
1	1550	ice	8260B - VOCs + Oxys	VOAs	3	HCL	LL_W14C_040411_01 @ 15:50
1	1550	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

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PROJECT NAME: CENCO

PROJECT NO.: 1003-001-300

DATE: 4-4-2011

WELL NO. 14C

SAMPLED BY: Frane Sosic

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
14:05	20		8.15	1614		3.61	22.36		63.9	Clear	HC odor
14:24	25		8.16	1605		3.74	22.53		63.3	-//-	-//-
14:47	30		8.14	1612		5.21	22.60		63.6	-//-	-//-
15:05	35		8.13	1612		3.42	22.55		51.1	-//-	-//-
15:16	40		8.09	1608		2.85	22.49		47.0	-//-	-//-
15:31	45		8.01	1604		3.11	22.55		52.1	-//-	-//-
15:39	48		7.98	1606		3.27	22.64		51.3	-//-	-//-

GROUNDWATER SAMPLING LOG

PROJECT NAME: CENCO
PROJECT NO.: 1003-001-300
DATE: 4.5.2011

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

WELL INFORMATION		
TOP OF CASING ELEV.		(ft.)
WELL DIAMETER		(inches)
DEPTH OF WELL	125.70	(ft.)
DEPTH TO WATER	115.26	(ft.)
HEIGHT OF WATER COLUMN	10.44	(ft.)
CASING VOLUME*	Hgt. x 0.163 Gal./Ft. = 1.70172	(gal)
PURGE VOLUME	x 3 = 5.10516	(gal)
PRODUCT THICKNESS		(ft.)

WELL CONDITION:
OK

WEATHER CONDITIONS:
Partly cloudy/light breeze (~60°F)

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

PURGE DATA

Time:	Purge Volume (Gal.)	Flow Rate (Gal./Min.)	pH	Sp.Cond. µS/cm³	Turbidity NTUs	DO mg/L	Temperature (F/C)	TDS	ORP mV	Color	Odor
8:20	1		8.09	2199	/	4.33	17.96	/	-128.2	Cloudy yellow	Strong HC odor
8:30	3		7.97	2183		2.36	18.27		-86.4	-"-	-"-
8:35	5		8.00	2188		2.60	17.46		-81.7	-"-	-"-

Sample No.	Sample Time Time	Packing	Analyses	Container	Quantity	Preserv-ative	NOTES:
1	8:45	ice	8260B - VOCs + Oxys	VOAs	3	HCL	LL-W15A_040511_01 @ 8:45
1	8:45	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	WELL NO.	**MW-15B** Hospital
PROJECT NO.:	1003-001-300	SAMPLED BY:	Frane Sosic
DATE:	4-5-2011		

WELL INFORMATION			
TOP OF CASING ELEV.			(ft.)
WELL DIAMETER	2"		(inches)
DEPTH OF WELL	155.62		(ft.)
DEPTH TO WATER	115.08		(ft.)
HEIGHT OF WATER COLUMN	40.54		(ft.)
CASING VOLUME*	Hgt. x 0.163 Gal./Ft. =	6.60802	(gal)
PURGE VOLUME	x 3 =	19.82406	(gal)
PRODUCT THICKNESS			(ft.)

WELL CONDITION:
OK

WEATHER CONDITIONS:
Mostly sunny w/a slight breeze (~67°F)

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

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 Yes
9:26	5		8.20	2120		3.07	19.52		59.1	Cloudy	Slight HC odor
9:38	10		8.19	2128		2.88	19.56		61.3	-//-	-//-
9:48	15		8.15	2115		2.64	20.11		63.6	-//-	-//-
9:55	20		8.10	2124		2.92	20.20		62.4	-//-	-//-

Sample No.	Sample Time Time	Packing	Analyses	Container	Quantity	Preserv-ative	NOTES:
1	1020	ice	8260B - VOCs + Oxys	VOAs	3	HCL	LL-W15B-040511-01 @ 10:20
1	1020	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: 4.5.2011

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

WELL INFORMATION		
TOP OF CASING ELEV.		(ft.)
WELL DIAMETER 2"		(inches)
DEPTH OF WELL	197.34	(ft.)
DEPTH TO WATER	114.56	(ft.)
HEIGHT OF WATER COLUMN	82.78	(ft.)
CASING VOLUME*	Hgt. x 0.163 Gal./Ft. = 13.49314	(gal)
PURGE VOLUME	x 3 = 40.47942	(gal)
PRODUCT THICKNESS		(ft.)

WELL CONDITION:
OK

WEATHER CONDITIONS:
Mostly sunny w/ light wind (~70°F)

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

PURGE DATA

Time:	Purge Volume (Gal.)	Flow Rate (Gal./Min.)	pH	Sp.Cond. µS/cm³	Turbidity NTUs	DO mg/L	Temperature (F/C)	TDS	ORP mV	Color	Odor
1225	5		8.06	2125	/	2.89	21.56	/	117	Cloudy	None
1239	10		8.03	2095		2.82	20.52		109.5	Clear	-"-
1254	15		8.00	2062		2.39	21.57		106.5	-"-	-"-

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

NOTES:
Extremely slow purge (took a while before we reached 5gal.)
LL_W15C_040511_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: 4-5-2011

WELL NO. 15C

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
1307	20		7.96	2055		2.18	21.70		108.4	Clear	None
1321	25		7.94	2052		3.44	23.20		106.3		
1335	30		7.92	2065		3.36	22.56		106.2		
1350	35		7.90	2046		3.07	22.64		107.1		
1404	40		7.92	2047		2.85	22.70		109.0		

GROUNDWATER SAMPLING LOG

PROJECT NAME: CENCO
PROJECT NO.: 1003-001-300
DATE: 4-18-2011

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

WELL NOTES:
WELL CONDITION:
OK

WEATHER CONDITIONS:
Cloudy w/ light breeze (~57°F)
slight drizzle

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	114.67		(ft.)
HEIGHT OF WATER COLUMN	8.45		(ft.)
CASING VOLUME*	Hgt. x 0.163 Gal./Ft. =	1.37735	(gal)
PURGE VOLUME	x 3 =	4.13205	(gal)
PRODUCT THICKNESS			(ft.)

PURGE DATA

Time:	Purge Volume (Gal.)	Flow Rate (Gal./Min.)	pH	Sp.Cond. µ(S/cm)³	Turbidity NTUs	DO mg/L	Temperature (F (C))	TDS	ORP mV	Color	Odor
1127	2		8.04	2258	/	3.34	17.08	/	168.3	Dark gray	Slight HC odor
1132	4		7.94	2257	/	2.87	18.58	/	127.5	Light gray	-11-
1139	6		7.88	2276	/	4.00	17.77	/	94.9	Light gray	-11-

Sample No.	Sample Time Time	Packing	Analyses	Container	Quantity	Preserv-ative	NOTES:
1	1230	ice	8260B - VOCs + Oxys	VOAs	3	HCL	LL_W16A_041811_01 @ 1230
1	1230	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: 4.18.2011

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

WELL NOTES:
WELL CONDITION:
OK

WEATHER CONDITIONS:
Cloudy/light wind + drizzle (~57°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	115.31		(ft.)
HEIGHT OF WATER COLUMN	44.94		(ft.)
CASING VOLUME*	Hgt. x 0.163 Gal./Ft. =	7.32522	(gal)
PURGE VOLUME	x 3 =	21.97566	(gal)
PRODUCT THICKNESS			(ft.)

PURGE DATA

Time:	Purge Volume (Gal.)	Flow Rate (Gal./Min.)	pH	Sp.Cond. µS/cm³	Turbidity NTUs	DO mg/L	Temperature (F/C)	TDS	ORP mV	Color	Odor Strong
1200	5		8.35	2395	/	2.51	21.77	/	-243.6	Light gray	HC/CH_4/H_2S odor
1203	10		8.42	2318	/	2.34	22.03	/	-240.5	-//-	-//-
1208	15		8.45	2263	/	2.72	22.36	/	-246.2	Cloudy	-//-
1215	22		8.47	2220	/	2.56	22.10	/	-247.0	Cloudy	-//-

Sample No.	Sample Time Time	Packing	Analyses	Container	Quantity	Preservative
1	1444	ice	8260B - VOCs + Oxys	VOAs	3	HCL
1	1444	ice	8015M - TPH-g	VOAs	3	HCL

NOTES:
No water came up for first 30-45 mins. We played w/ stinger height until a 10' section was removed and remaining stinger raised ~3' (total of 13' ags). Then purging progressed well...

LL_W16B_041811_01 @ 14:44

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: 4-18-2011

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

WELL NOTES:
WELL CONDITION:
OK

WEATHER CONDITIONS:
Cloudy w/light wind (~60°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	114.92		(ft.)
HEIGHT OF WATER COLUMN	81.38		(ft.)
CASING VOLUME*	Hgt. x 0.163 Gal./Ft. =	13.26494	(gal)
PURGE VOLUME	x 3 =	39.79482	(gal)
PRODUCT THICKNESS			(ft.)

PURGE DATA

Time:	Purge Volume (Gal.)	Flow Rate (Gal./Min.)	pH	Sp.Cond. µ(S/cm)³	Turbidity NTUs	DO mg/L	Temperature (F/C)	TDS	ORP mV	Color	Odor Strong
1355	5		8.65	1328		3.93	21.51		-232.8	Cloudy	VOC + sulfide odor
1401	10		8.60	1409		2.38	21.70		-245.6	Cloudy	-"-
1409	15		8.56	1455		2.72	21.83		-250.1	Clear	-"-

Sample No.	Sample Time Time	Packing	Analyses	Container	Quantity	Preserv-ative	NOTES: Stinger raised approx. 6' ags. for purging purposes
1	1530	ice	8260B - VOCs + Oxys	VOAs	3	HCL	LL_W16C_041811_01 @ 1530
1	1530	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: 4-18-2011

WELL NO. W-16C

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 Strong
1418	20		8.55	1467		2.44	21.76		-251.7	Clear	VOC + sulfide odor
1426	25		8.54	1472		1.87	21.80		-252.8	Clear	-//-
1435	30		8.57	1478		2.11	21.91		-250.4	Clear	-//-
1445	35		8.53	1477		2.23	21.53		-248.7	Clear	-//-
1458	40		8.55	1481		2.88	21.44		-249.5	Clear	-//-

GROUNDWATER SAMPLING LOG

PROJECT NAME:	CENCO	WELL NO.	W-17A Site
PROJECT NO.:	1003-001-300	SAMPLED BY:	Frane Sosic
DATE:	4.20.2011		

WELL INFORMATION		
TOP OF CASING ELEV.		(ft.)
WELL DIAMETER 2"		(inches)
DEPTH OF WELL	108.30	(ft.)
DEPTH TO WATER	102.77	(ft.)
HEIGHT OF WATER COLUMN	5.53	(ft.)
CASING VOLUME*	Hgt. x 0.163 Gal./Ft. = 0.90139	(gal)
PURGE VOLUME	x 3 = 2.70417	(gal)
PRODUCT THICKNESS		(ft.)

WELL CONDITION:
OK

WEATHER CONDITIONS:
Mostly cloudy w/winds (5-15mph) ~60°F

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

PURGE DATA

Time:	Purge Volume (Gal.)	Flow Rate (Gal./Min.)	pH	Sp.Cond. µS/cm³	Turbidity NTUs	DO mg/L	Temperature (F/C)	TDS	ORP mV	Color	Odor
1029	1		7.99	2139	/	4.96	20.61	/	-18.9	Light gray	None
1033	3		7.94	2130		3.91	21.30		-13.3	-"-	None
1036	5		7.90	2136		4.32	21.41		-12.5	Cloudy	Slight HC
1041	10		7.85	2126	—	3.51	21.45	—	-5.8	Clear	Slight HC

Sample No.	Sample Time Time	Packing	Analyses	Container	Quantity	Preserv-ative	NOTES:
1	4.20.2011	ice	8260B - VOCs + Oxys	VOAs	3	HCL	LL_W17A_042011_01 @ 11:30
1	1130	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	WELL NO.	W-17B Site
PROJECT NO.:	1003-001-300	SAMPLED BY:	Frane Sosic
DATE:	4-20-2011		

WELL INFORMATION		
TOP OF CASING ELEV.		(ft.)
WELL DIAMETER 2"		(inches)
DEPTH OF WELL	169.60	(ft.)
DEPTH TO WATER	103.33	(ft.)
HEIGHT OF WATER COLUMN	66.27	(ft.)
CASING VOLUME*	Hgt. x 0.163 Gal./Ft. = 10.80201	(gal)
PURGE VOLUME	x 3 = 32.40603	(gal)
PRODUCT THICKNESS		(ft.)

WELL CONDITION:
OK

WEATHER CONDITIONS:
Cloudy w/wind (5-15 mph)
~60°F

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

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
1101	5		8.08	1640	/	2.14	22.43	/	-139.3	Cloudy	None
1106	10		8.14	1627		1.89	22.66		-155.6	Cloudy	None
1113	15		8.10	1628		3.25	22.88		-161.1	Clear	None

Sample No.	Sample Time Time	Packing	Analyses	Container	Quantity	Preservative	NOTES: Good H_2O production
1	1400	ice	8260B - VOCs + Oxys	VOAs	3	HCL	LL_W17B_042011_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: 4-20-2011

WELL NO. 17B

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
1118	20		8.13	1625		2.25	22.56		-164.0	Clear	None
1126	25		8.12	1624		2.25	22.65		-170.4	Clear	None
1137	30		8.09	1611		1.90	22.13		-171.3	Clear	None
1147	35		8.11	1611		3.32	22.84		-168.5	Clear	None

GROUNDWATER SAMPLING LOG

PROJECT NAME: CENCO
PROJECT NO.: 1003-001-300
DATE: 4-20-2011

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

WELL INFORMATION		
TOP OF CASING ELEV.		(ft.)
WELL DIAMETER 2"		(inches)
DEPTH OF WELL 200.00		(ft.)
DEPTH TO WATER 103.33		(ft.)
HEIGHT OF WATER COLUMN 96.67		(ft.)
CASING VOLUME*	Hgt. x 0.163 Gal./Ft. = 15.75721	(gal)
PURGE VOLUME	x 3 = 47.27163	(gal)
PRODUCT THICKNESS		(ft.)

WELL CONDITION:
OK

WEATHER CONDITIONS:
Cloudy/overcast/light wind + drizzle ~60°F

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

PURGE DATA

Time:	Purge Volume (Gal.)	Flow Rate (Gal./Min.)	pH	Sp.Cond. µ(S/cm)³	Turbidity NTUs	DO mg/L	Temperature (F/C)	TDS	ORP mV	Color	Odor Strong
1302	5		8.38	1310		1.87	22.42		-199.3	Dark gray	HC/CH4/sulfide
1312	10		8.31	1275		1.82	23.00		-207.8	Cloudy gray	-11-
1325	15		8.33	1250		2.01	22.53		-212.4	Cloudy	-11-

Sample No.	Sample Time Time	Packing	Analyses	Container	Quantity	Preservative	NOTES:
1	1546	ice	8260B - VOCs + Oxys	VOAs	3	HCL	LL_W17C_042011_01 @ 1546
1	1546	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: 4-20-2011

WELL NO. 17C

SAMPLED BY: Frane Sosic

Time:	Purge Volume (Gal.)	Flow Rate (Gal./Min.)	pH	Sp.Cond. µS/cm³	Turbidity NTUs	DO mg/L	Temperature (F/C)	TDS	ORP mV	Color	Odor Strong
1338	20		8.28	1245		2.18	23.08		-215.8	Cloudy	CH4/sulfide/HC odor
1352	25		8.29	1246		1.81	23.09		-215.8	Cloudy	-11-
1408	30		8.31	1236		1.84	22.88		-201.5	Clear	-11-
1426	35		8.30	1235		2.46	22.30		-214.2	Clear	-11-
1443	40		8.26	1266		2.16	23.35		-213.1	Clear	-11-
1455	45		8.26	1260		1.90	23.21		-224.6	Clear	-11-
1507	50		8.26	1257		2.08	22.66		-223.7	Clear	Strong CH4/H2S/HC odor

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

08 April 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 04/04/11 16:20. 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	04/08/11 16:07

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
LL_W14A_040411_01	T110386-01	Water	04/04/11 08:45	04/04/11 16:20
LL_W14B_040411_01	T110386-02	Water	04/04/11 11:37	04/04/11 16:20
LL_W14C_040411_01	T110386-03	Water	04/04/11 15:50	04/04/11 16:20
TB_040411	T110386-04	Water	04/04/11 00:00	04/04/11 16:20

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

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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	04/08/11 16:07

LL_W14A_040411_01

T110386-01 (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	1040502	04/05/11	04/05/11	EPA 8015C	
Surrogate 4-Bromofluorobenzene		*138 %*	*72.6-146*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B									
Bromobenzene	ND	1.0	ug/l	1	1040507	04/05/11	04/08/11	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	**1.6**	1.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	

SunStar Laboratories, Inc.

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Daniel Chavez, Project Manager

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Providing Quality Analytical Services Nationwide

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Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	04/08/11 16:07

LL_W14A_040411_01

T110386-01 (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	1040507	04/05/11	04/08/11	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

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SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

25712 Commercentre Drive
Lake Forest, California 92630
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Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	04/08/11 16:07

LL_W14A_040411_01

T110386-01 (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	1040507	04/05/11	04/08/11	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		*91.1 %*	*77.1-110*		"	"	"	"	
Surrogate Dibromofluoromethane		*146 %*	*66.3-111*		"	"	"	"	*S-GC*
Surrogate Toluene-d8		*100 %*	*84.7-109*		"	"	"	"	

SunStar Laboratories, Inc.

Daniel J Chávez

Daniel Chavez, Project Manager

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Lake Forest, California 92630
949.297.5020 Phone
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Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	04/08/11 16:07

LL_W14B_040411_01

T110386-02 (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	1040502	04/05/11	04/05/11	EPA 8015C	
Surrogate 4-Bromofluorobenzene		*137 %*	*72.6-146*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B									
Bromobenzene	ND	1.0	ug/l	1	1040507	04/05/11	04/05/11	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	**2.9**	1.0	"	"	"	"	"	"	
1,2-Dichloroethane	**0.53**	0.50	"	"	"	"	"	"	
1,1-Dichloroethene	**34**	1.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	**13**	1.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	**2.8**	1.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	1.0	"	"	"	"	"	"	

SunStar Laboratories, Inc.

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Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	04/08/11 16:07

LL_W14B_040411_01

T110386-02 (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	1040507	04/05/11	04/05/11	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	**15**	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	**99**	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	**1.8**	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	**48**	10	"	"	"	"	"	"	

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Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	04/08/11 16:07

LL_W14B_040411_01

T110386-02 (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	1040507	04/05/11	04/05/11	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		*96.2 %*	*77.1-110*		"	"	"	"	
Surrogate Dibromofluoromethane		*103 %*	*66.3-111*		"	"	"	"	
Surrogate Toluene-d8		*102 %*	*84.7-109*		"	"	"	"	

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Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	04/08/11 16:07

LL_W14C_040411_01

T110386-03 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Purgeable Petroleum Hydrocarbons by EPA 8015C									
C6-C12 (GRO)	ND	50	ug/l	1	1040502	04/05/11	04/05/11	EPA 8015C	
Surrogate 4-Bromofluorobenzene		*98.6 %*	*72.6-146*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B									
Bromobenzene	ND	1.0	ug/l	1	1040507	04/05/11	04/05/11	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	**3.1**	1.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
1,1-Dichloroethene	**16**	1.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	**30**	1.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	**3.9**	1.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	1.0	"	"	"	"	"	"	

SunStar Laboratories, Inc.

Daniel J Chávez

Daniel Chavez, Project Manager

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Murex	Project:	Cenco	
2640 Walnut Ave. Unit F	Project Number:	1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager:	Jeremy Squire	04/08/11 16:07

LL_W14C_040411_01

T110386-03 (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	1040507	04/05/11	04/05/11	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	**24**	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	**1.2**	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	**27**	10	"	"	"	"	"	"	

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Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	04/08/11 16:07

LL_W14C_040411_01

T110386-03 (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	1040507	04/05/11	04/05/11	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		*92.0 %*	*77.1-110*		"	"	"	"	
Surrogate Dibromofluoromethane		*103 %*	*66.3-111*		"	"	"	"	
Surrogate Toluene-d8		*103 %*	*84.7-109*		"	"	"	"	

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Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	04/08/11 16:07

TB_040411

T110386-04 (Water)

SunStar Laboratories, Inc.

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	1040507	04/05/11	04/05/11	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	"	"	"	"	"	"	
1,2-Dichloropropane	ND	1.0	"	"	"	"	"	"	
1,3-Dichloropropane	ND	1.0	"	"	"	"	"	"	
2,2-Dichloropropane	ND	1.0	"	"	"	"	"	"	
1,1-Dichloropropene	ND	1.0	"	"	"	"	"	"	

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Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	04/08/11 16:07

TB_040411

T110386-04 (Water)

SunStar Laboratories, Inc.

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
cis-1,3-Dichloropropene	ND	0.50	ug/l	1	1040507	04/05/11	04/05/11	EPA 8260B	
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	"	"	"	"	"	"	
Di-isopropyl ether	ND	2.0	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	2.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	1.0	"	"	"	"	"	"	

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Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	04/08/11 16:07

TB_040411

T110386-04 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Volatile Organic Compounds by EPA Method 8260B									
1,1,2-trichloro-1,2,2-trifluoroethane (CFC 113)	ND	5.0	ug/l	1	1040507	04/05/11	04/05/11	EPA 8260B	
Surrogate 4-Bromofluorobenzene		*93.5 %*	*77.1-110*		"	"	"	"	
Surrogate Dibromofluoromethane		*104 %*	*66.3-111*		"	"	"	"	
Surrogate Toluene-d8		*103 %*	*84.7-109*		"	"	"	"	

SunStar Laboratories, Inc.

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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	04/08/11 16:07

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 1040502 - EPA 5030 GC										
Blank (1040502-BLK1)				Prepared & Analyzed: 04/05/11						
C6-C12 (GRO)	ND	50	ug/l							
Surrogate 4-Bromofluorobenzene	*91.6*		*"*	*100*		*91.6*	*72.6-146*			
LCS (1040502-BS1)				Prepared & Analyzed: 04/05/11						
C6-C12 (GRO)	5350	50	ug/l	5500		97.2	75-125			
Surrogate 4-Bromofluorobenzene	*85.4*		*"*	*100*		*85.4*	*72.6-146*			
LCS Dup (1040502-BSD1)				Prepared & Analyzed: 04/05/11						
C6-C12 (GRO)	4900	50	ug/l	5500		89.0	75-125	8.80	20	
Surrogate 4-Bromofluorobenzene	*86.6*		*"*	*100*		*86.6*	*72.6-146*			

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Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	04/08/11 16:07

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 1040507 - EPA 5030 GCMS										
Blank (1040507-BLK1)				Prepared & Analyzed: 04/05/11						
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	"							

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Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	04/08/11 16:07

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 1040507 - EPA 5030 GCMS										
Blank (1040507-BLK1)				Prepared & Analyzed: 04/05/11						
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	*7.48*		*"*	*8.00*		*93.5*	*77.1-110*			
Surrogate Dibromofluoromethane	*8.45*		*"*	*8.00*		*106*	*66.3-111*			
Surrogate Toluene-d8	*8.14*		*"*	*8.00*		*102*	*84.7-109*			

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Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	04/08/11 16:07

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 1040507 - EPA 5030 GCMS										
LCS (1040507-BS1)				Prepared & Analyzed: 04/05/11						
Chlorobenzene	17.7	1.0	ug/l	20.0		88.6	75-125			
1,1-Dichloroethene	21.4	1.0	"	20.0		107	75-125			
Trichloroethene	21 1	1.0	"	20.0		106	75-125			
Benzene	21.4	0.50	"	20.0		107	75-125			
Toluene	19.8	0.50	"	20.0		99.2	75-125			
Surrogate 4-Bromofluorobenzene	*7.82*		*"*	*8.00*		*97.8*	*77.1-110*			
Surrogate Dibromofluoromethane	*8.60*		*"*	*8.00*		*108*	*66.3-111*			
Surrogate Toluene-d8	*8.84*		*"*	*8.00*		*110*	*84.7-109*			*S-GC*
LCS Dup (1040507-BSD1)				Prepared & Analyzed: 04/05/11						
Chlorobenzene	19.6	1.0	ug/l	20.0		98.0	75-125	9.97	20	
1,1-Dichloroethene	20 3	1.0	"	20.0		102	75-125	5.04	20	
Trichloroethene	19.8	1.0	"	20.0		99.2	75-125	6.29	20	
Benzene	21 5	0.50	"	20.0		107	75-125	0.280	20	
Toluene	19.8	0.50	"	20.0		99.0	75-125	0.101	20	
Surrogate 4-Bromofluorobenzene	*7.96*		*"*	*8.00*		*99.5*	*77.1-110*			
Surrogate Dibromofluoromethane	*8.55*		*"*	*8.00*		*107*	*66.3-111*			
Surrogate Toluene-d8	*8.01*		*"*	*8.00*		*100*	*84.7-109*			

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Daniel Chavez, Project Manager

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PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

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Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	04/08/11 16:07

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

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

Chain of Custody Record

Client: Murex Environmental, Inc.
Address: 2640 Walnut Ave, Unit F
Phone: (714) 508-0800 Fax: (714) 508-0880
Project Manager: Jeremy Squire (714) 604-5836

Date: 4.4.2011 Page: 1 Of 1
Project Name: CENCO
Collector: F. Sosic Client Project #: 1003-001-300
Batch #: T110386 EDF #:

Sample ID	Date Sampled	Time	Sample Type	8260 (VOCs NO OXY)	8260 + OXY	1,4-Dioxane	8270 Semi-Volatiles (PAHs, etc)	8021 BTEX	8015M (TPH gasoline)	8015M (TPH diesel)	Hexavalent Chromium (7199)	6010/7000 Title 22 Metals	PCBs				Total # of containers	Comments/Preservative	Laboratory ID #
LL_W14A_040411_01	4.4.2011	8:45	GW		X				X								6		01
LL_W14B_040411_01		11:37	GW		X				X								6		02
LL_W14C_040411_01		15:50	GW		X				X								6		03
TB_040411			Water		X												2		04

Relinquished by: (signature)	Date / Time	Received by: (signat	Date / Time
[signature]	4/4/2011 1620	[signature]	4/4/11 1620
Relinquished by: (signature)	Date / Time	Received by: (signat	Date / Time
Relinquished by: (signature)	Date / Time	Received by: (signat	Date / Time

Total # of containers	25
Chain of Custody seals	N
Seals intact? Y/N/NA	N/A
Received good condition/cold	Y
Turn around time:	

Notes
3.6°

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

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

SAMPLE RECEIVING REVIEW SHEET

BATCH # T110386

Client Name: MUREX Project: CENCO

Received by: DAN Date/Time Received: 4/4/11 1620

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 4/4/11

Comments:

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

25712 Commercentre Drive
Lake Forest, California 92630
949.297.5020 Phone
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11 April 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 04/05/11 16:27. 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
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Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	04/11/11 17:06

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
LL_W15A_040511_01	T110395-01	Water	04/05/11 08:45	04/05/11 16:27
LL_W15B_040511_01	T110395-02	Water	04/05/11 10:20	04/05/11 16:27
LL_W15C_040511_01	T110395-03	Water	04/05/11 14:30	04/05/11 16:27
TB_040511	T110395-04	Water	04/05/11 00:00	04/05/11 16:27

SunStar Laboratories, Inc.

Daniel J Chávez

Daniel Chavez, Project Manager

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Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	04/11/11 17:06

LL_W15A_040511_01

T110395-01 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Purgeable Petroleum Hydrocarbons by EPA 8015C									
C6-C12 (GRO)	**22000**	50	ug/l	1	1040606	04/06/11	04/07/11	EPA 8015C	
Surrogate 4-Bromofluorobenzene		*110 %*	*72.6-146*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B									
Bromobenzene	ND	1.0	ug/l	1	1040704	04/07/11	04/08/11	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	**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	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	"	"	"	"	"	"	

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Murex	Project:	Cenco	
2640 Walnut Ave. Unit F	Project Number:	1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager:	Jeremy Squire	04/11/11 17:06

LL_W15A_040511_01

T110395-01 (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	1040704	04/07/11	04/08/11	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	**65**	1.0	"	"	"	"	"	"	
p-Isopropyltoluene	**13**	1.0	"	"	"	"	"	"	
Methylene chloride	ND	1.0	"	"	"	"	"	"	
Naphthalene	**150**	25	"	25	"	"	04/11/11	"	
n-Propylbenzene	**160**	25	"	"	"	"	"	"	
Styrene	ND	1.0	"	1	"	"	04/08/11	"	
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

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Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	04/11/11 17:06

LL_W15A_040511_01

T110395-01 (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	1040704	04/07/11	04/08/11	EPA 8260B	
Di-isopropyl ether	ND	2.0	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	2.0	"	"	"	"	"	"	
Methyl tert-butyl ether	**450**	25	"	25	"	"	04/11/11	"	
1,1,2-trichloro-1,2,2-trifluoroethane (CFC 113)	ND	5.0	"	1	"	"	04/08/11	"	
Surrogate 4-Bromofluorobenzene		*82.0 %*	*77.1-110*		"	"	"	"	
Surrogate Dibromofluoromethane		*105 %*	*66.3-111*		"	"	"	"	
Surrogate Toluene-d8		*99.5 %*	*84.7-109*		"	"	"	"	

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Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	04/11/11 17:06

LL_W15B_040511_01

T110395-02 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Purgeable Petroleum Hydrocarbons by EPA 8015C									
C6-C12 (GRO)	**1500**	50	ug/l	1	1040606	04/06/11	04/07/11	EPA 8015C	
Surrogate 4-Bromofluorobenzene		*133 %*	*72.6-146*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B									
Bromobenzene	ND	1.0	ug/l	1	1040704	04/07/11	04/08/11	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	"	"	"	"	"	"	

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Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	04/11/11 17:06

LL_W15B_040511_01

T110395-02 (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	1040704	04/07/11	04/08/11	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	**3.3**	1.0	"	"	"	"	"	"	
p-Isopropyltoluene	ND	1.0	"	"	"	"	"	"	
Methylene chloride	ND	1.0	"	"	"	"	"	"	
Naphthalene	**6.3**	1.0	"	"	"	"	"	"	
n-Propylbenzene	**4.5**	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	ND	1.0	"	"	"	"	"	"	
Trichlorofluoromethane	ND	1.0	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	1.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	**16**	1.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	**16**	1.0	"	"	"	"	"	"	
Vinyl chloride	ND	1.0	"	"	"	"	"	"	
Benzene	ND	0.50	"	"	"	"	"	"	
Toluene	**66**	0.50	"	"	"	"	"	"	
Ethylbenzene	**18**	0.50	"	"	"	"	"	"	
m,p-Xylene	**120**	1.0	"	"	"	"	"	"	
o-Xylene	**64**	0.50	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	2.0	"	"	"	"	"	"	
Tert-butyl alcohol	ND	10	"	"	"	"	"	"	

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Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	04/11/11 17:06

LL_W15B_040511_01

T110395-02 (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	1040704	04/07/11	04/08/11	EPA 8260B	
Ethyl tert-butyl ether	ND	2.0	"	"	"	"	"	"	
Methyl tert-butyl ether	**130**	25	"	25	"	"	04/11/11	"	
1,1,2-trichloro-1,2,2-trifluoroethane (CFC 113)	ND	5.0	"	1	"	"	04/08/11	"	
Surrogate 4-Bromofluorobenzene		*101 %*	*77.1-110*		"	"	"	"	
Surrogate Dibromofluoromethane		*99.0 %*	*66.3-111*		"	"	"	"	
Surrogate Toluene-d8		*101 %*	*84.7-109*		"	"	"	"	

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Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	04/11/11 17:06

LL_W15C_040511_01

T110395-03 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Purgeable Petroleum Hydrocarbons by EPA 8015C									
C6-C12 (GRO)	**120**	50	ug/l	1	1040606	04/06/11	04/07/11	EPA 8015C	
Surrogate 4-Bromofluorobenzene		*88.2 %*	*72.6-146*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B									
Bromobenzene	ND	1.0	ug/l	1	1040704	04/07/11	04/08/11	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	**1.5**	1.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	**6.6**	1.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	1.0	"	"	"	"	"	"	

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Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	04/11/11 17:06

LL_W15C_040511_01

T110395-03 (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	1040704	04/07/11	04/08/11	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	**1.1**	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	**4.6**	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	**10**	0.50	"	"	"	"	"	"	
Toluene	**4.8**	0.50	"	"	"	"	"	"	
Ethylbenzene	**1.9**	0.50	"	"	"	"	"	"	
m,p-Xylene	**10**	1.0	"	"	"	"	"	"	
o-Xylene	**2.6**	0.50	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	2.0	"	"	"	"	"	"	
Tert-butyl alcohol	ND	10	"	"	"	"	"	"	

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2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	04/11/11 17:06

LL_W15C_040511_01

T110395-03 (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	1040704	04/07/11	04/08/11	EPA 8260B	
Ethyl tert-butyl ether	ND	2.0	"	"	"	"	"	"	
Methyl tert-butyl ether	**4.2**	1.0	"	"	"	"	"	"	
1,1,2-trichloro-1,2,2-trifluoroethane (CFC 113)	ND	5.0	"	"	"	"	"	"	
Surrogate 4-Bromofluorobenzene		*104 %*		*77.1-110*	"	"	"	"	
Surrogate Dibromofluoromethane		*102 %*		*66.3-111*	"	"	"	"	
Surrogate Toluene-d8		*99.4 %*		*84.7-109*	"	"	"	"	

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Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	04/11/11 17:06

TB_040511

T110395-04 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Volatile Organic Compounds by EPA Method 8260B									
Bromobenzene	ND	1.0	ug/l	1	1040704	04/07/11	04/08/11	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	"	"	"	"	"	"	
1,2-Dichloropropane	ND	1.0	"	"	"	"	"	"	
1,3-Dichloropropane	ND	1.0	"	"	"	"	"	"	
2,2-Dichloropropane	ND	1.0	"	"	"	"	"	"	
1,1-Dichloropropene	ND	1.0	"	"	"	"	"	"	

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Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	04/11/11 17:06

TB_040511

T110395-04 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Volatile Organic Compounds by EPA Method 8260B									
cis-1,3-Dichloropropene	ND	0.50	ug/l	1	1040704	04/07/11	04/08/11	EPA 8260B	
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	"	"	"	"	"	"	
Di-isopropyl ether	ND	2.0	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	2.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	1.0	"	"	"	"	"	"	

SunStar Laboratories, Inc.

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Daniel Chavez, Project Manager

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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	04/11/11 17:06

TB_040511

T110395-04 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Volatile Organic Compounds by EPA Method 8260B									
1,1,2-trichloro-1,2,2-trifluoroethane (CFC 113)	ND	5.0	ug/l	1	1040704	04/07/11	04/08/11	EPA 8260B	
Surrogate 4-Bromofluorobenzene		*108 %*	*77.1-110*		"	"	"	"	
Surrogate Dibromofluoromethane		*102 %*	*66.3-111*		"	"	"	"	
Surrogate Toluene-d8		*98.2 %*	*84.7-109*		"	"	"	"	

SunStar Laboratories, Inc.

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Daniel Chavez, Project Manager

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Providing Quality Analytical Services Nationwide

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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	04/11/11 17:06

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 1040606 - EPA 5030 GC										
Blank (1040606-BLK1)				Prepared: 04/06/11		Analyzed: 04/07/11				
C6-C12 (GRO)	ND	50	ug/l							
Surrogate 4-Bromofluorobenzene	*96.4*		*"*	*100*		*96.4*	*72.6-146*			
LCS (1040606-BS1)				Prepared: 04/06/11		Analyzed: 04/07/11				
C6-C12 (GRO)	5110	50	ug/l	5500		93.0	75-125			
Surrogate 4-Bromofluorobenzene	*97.3*		*"*	*100*		*97.3*	*72.6-146*			
LCS Dup (1040606-BSD1)				Prepared: 04/06/11		Analyzed: 04/07/11				
C6-C12 (GRO)	4700	50	ug/l	5500		85.4	75-125	8.46	20	
Surrogate 4-Bromofluorobenzene	*98.9*		*"*	*100*		*98.9*	*72.6-146*			

SunStar Laboratories, Inc.

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Daniel Chavez, Project Manager

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Providing Quality Analytical Services Nationwide

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Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	04/11/11 17:06

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 1040704 - EPA 5030 GCMS										
Blank (1040704-BLK1)				Prepared: 04/07/11 Analyzed: 04/08/11						
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	"							

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Daniel Chavez, Project Manager

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Providing Quality Analytical Services Nationwide

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Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	04/11/11 17:06

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 1040704 - EPA 5030 GCMS										
Blank (1040704-BLK1)				Prepared: 04/07/11 Analyzed: 04/08/11						
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	*8.20*		*"*	*8.00*		*102*	*77.1-110*			
Surrogate Dibromofluoromethane	*8.32*		*"*	*8.00*		*104*	*66.3-111*			
Surrogate Toluene-d8	*7.96*		*"*	*8.00*		*99.5*	*84.7-109*			

SunStar Laboratories, Inc.

Daniel J Chávez

Daniel Chavez, Project Manager

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Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	04/11/11 17:06

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 1040704 - EPA 5030 GCMS										
LCS (1040704-BS1)				Prepared: 04/07/11	Analyzed: 04/08/11					
Chlorobenzene	21.4	1.0	ug/l	20.0		107	75-125			
1,1-Dichloroethene	22.0	1.0	"	20.0		110	75-125			
Trichloroethene	20.0	1.0	"	20.0		100	75-125			
Benzene	19 9	0.50	"	20.0		99.6	75-125			
Toluene	20 3	0.50	"	20.0		101	75-125			
Surrogate 4-Bromofluorobenzene	*8.10*		*"*	*8.00*		*101*	*77.1-110*			
Surrogate Dibromofluoromethane	*7.78*		*"*	*8.00*		*97.2*	*66.3-111*			
Surrogate Toluene-d8	*7.82*		*"*	*8.00*		*97.8*	*84.7-109*			
LCS Dup (1040704-BSD1)				Prepared: 04/07/11	Analyzed: 04/08/11					
Chlorobenzene	21.0	1.0	ug/l	20.0		105	75-125	1.84	20	
1,1-Dichloroethene	20 2	1.0	"	20.0		101	75-125	8.61	20	
Trichloroethene	19.8	1.0	"	20.0		99.0	75-125	1.20	20	
Benzene	20.4	0.50	"	20.0		102	75-125	2.38	20	
Toluene	20 2	0.50	"	20.0		101	75-125	0.346	20	
Surrogate 4-Bromofluorobenzene	*8.32*		*"*	*8.00*		*104*	*77.1-110*			
Surrogate Dibromofluoromethane	*7.82*		*"*	*8.00*		*97.8*	*66.3-111*			
Surrogate Toluene-d8	*8.12*		*"*	*8.00*		*102*	*84.7-109*			

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Daniel Chavez, Project Manager

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PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

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Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	04/11/11 17:06

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.

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Daniel Chavez, Project Manager

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

Chain of Custody Record

Client: Murex Environmental, Inc.
Address: 2640 Walnut Ave, Unit F
Phone: (714) 508-0800 Fax: (714) 508-0880
Project Manager: Jeremy Squire (714) 604-5836

Date: 4-5-2011 Page: 1 Of 1
Project Name: CENCO
Collector: F. Sosic Client Project #: 1003-001-300
Batch #: T110395 EDF #:

Sample ID	Date Sampled	Time	Sample Type	8260 (VOCs NO OXY)	8260 + OXY	1,4-Dioxane	8270 Semi-Volatiles (PAHs, etc)	8021 BTEX	8015M (TPH gasoline)	8015M (TPH diesel)	Hexavalent Chromium (7199)	6010/7000 Title 22 Metals	PCBs				Total # of containers	Comments/Preservative	Laboratory ID #
LL_W1SA_040511_01	4-5-2011	8:45	GW		X				X								6		01
LL_W1SB_040511_01	↓	10:20	GW		X				X								6		02
LL_W1SC_040511_01	↓	14:30	GW		X				X								6		03
TB_040511			Water		X												2		04

Relinquished by: (signature)	Date / Time	Received by: (signat	Date / Time
[signature]	4-5-2011 1627	[signature]	4/5/11 1627
Relinquished by: (signature)	Date / Time	Received by: (signat	Date / Time
Relinquished by: (signature)	Date / Time	Received by: (signat	Date / Time

Total # of containers	20
Chain of Custody seals	N/A
Seals intact? Y/N/NA	N/A
Received good condition/cold	Y 26°
Turn around time:	

Notes

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

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

SAMPLE RECEIVING REVIEW SHEET

BATCH # T110395

Client Name: MUREX

Project: CENCO

Received by: DAN

Date/Time Received: 4/5/11 1627

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 2.8 °C +/- the CF (- 0.2°C) = 2.6 °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 4/5/11

Comments:

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

25712 Commercentre Drive
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12 April 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 04/06/11 16:03. 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
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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	04/12/11 15:58

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
LL_MW709_040611_01	T110401-01	Water	04/06/11 10:10	04/06/11 16:03
LL_MW711_040611_01	T110401-02	Water	04/06/11 15:30	04/06/11 16:03
TB_040611	T110401-03	Water	04/06/11 00:00	04/06/11 16:03

SunStar Laboratories, Inc.

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Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	04/12/11 15:58

LL_MW709_040611_01
T110401-01 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Purgeable Petroleum Hydrocarbons by EPA 8015C									
C6-C12 (GRO)	**580**	50	ug/l	1	1040705	04/07/11	04/08/11	EPA 8015C	
Surrogate 4-Bromofluorobenzene		*85.7 %*	*72.6-146*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B									
Bromobenzene	ND	1.0	ug/l	1	1040704	04/07/11	04/08/11	EPA 8260B	
Bromochloromethane	ND	1.0	"	"	"	"	"	"	
Bromodichloromethane	ND	1.0	"	"	"	"	"	"	
Bromoform	ND	1.0	"	"	"	"	"	"	
Bromomethane	ND	1.0	"	"	"	"	"	"	
n-Butylbenzene	**2.4**	1.0	"	"	"	"	"	"	
sec-Butylbenzene	**4.7**	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	"	"	"	"	"	"	

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Daniel Chavez, Project Manager

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Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	04/12/11 15:58

LL_MW709_040611_01

T110401-01 (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	1040704	04/07/11	04/08/11	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	**22**	1.0	"	"	"	"	"	"	
p-Isopropyltoluene	ND	1.0	"	"	"	"	"	"	
Methylene chloride	ND	1.0	"	"	"	"	"	"	
Naphthalene	**2.7**	1.0	"	"	"	"	"	"	
n-Propylbenzene	**19**	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	**26**	0.50	"	"	"	"	"	"	
Toluene	**0.86**	0.50	"	"	"	"	"	"	
Ethylbenzene	**0.89**	0.50	"	"	"	"	"	"	
m,p-Xylene	**4.1**	1.0	"	"	"	"	"	"	
o-Xylene	**0.72**	0.50	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	2.0	"	"	"	"	"	"	

SunStar Laboratories, Inc.

Daniel J Chávez

Daniel Chavez, Project Manager

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Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	04/12/11 15:58

LL_MW709_040611_01

T110401-01 (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	1040704	04/07/11	04/08/11	EPA 8260B	
Di-isopropyl ether	ND	2.0	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	2.0	"	"	"	"	"	"	
Methyl tert-butyl ether	**4.6**	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		*103 %*	*66.3-111*		"	"	"	"	
Surrogate Toluene-d8		*100 %*	*84.7-109*		"	"	"	"	

SunStar Laboratories, Inc.

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Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	04/12/11 15:58

LL_MW711_040611_01

T110401-02 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Purgeable Petroleum Hydrocarbons by EPA 8015C									
C6-C12 (GRO)	**7100**	50	ug/l	1	1040705	04/07/11	04/08/11	EPA 8015C	
Surrogate 4-Bromofluorobenzene		*109 %*	*72.6-146*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B									
Bromobenzene	ND	1.0	ug/l	1	1040704	04/07/11	04/09/11	EPA 8260B	
Bromochloromethane	ND	1.0	"	"	"	"	"	"	
Bromodichloromethane	ND	1.0	"	"	"	"	"	"	
Bromoform	ND	1.0	"	"	"	"	"	"	
Bromomethane	ND	1.0	"	"	"	"	"	"	
n-Butylbenzene	**15**	1.0	"	"	"	"	"	"	
sec-Butylbenzene	**21**	1.0	"	"	"	"	"	"	
tert-Butylbenzene	**3.3**	1.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.50	"	"	"	"	"	"	
Chlorobenzene	ND	1.0	"	"	"	"	"	"	
Chloroethane	ND	1.0	"	"	"	"	"	"	
Chloroform	**1.8**	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	**2.6**	1.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	1.0	"	"	"	"	"	"	

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Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	04/12/11 15:58

LL_MW711_040611_01

T110401-02 (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	1040704	04/07/11	04/09/11	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	**200**	25	"	25	"	"	04/11/11	"	
p-Isopropyltoluene	**1.7**	1.0	"	1	"	"	04/09/11	"	
Methylene chloride	ND	1.0	"	"	"	"	"	"	
Naphthalene	**420**	25	"	25	"	"	04/11/11	"	
n-Propylbenzene	ND	1.0	"	1	"	"	04/09/11	"	
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	**36**	1.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	**52**	1.0	"	"	"	"	"	"	
Vinyl chloride	**8.7**	1.0	"	"	"	"	"	"	
Benzene	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	**65**	0.50	"	"	"	"	"	"	
m,p-Xylene	**160**	1.0	"	"	"	"	"	"	
o-Xylene	**50**	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

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Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	04/12/11 15:58

LL_MW711_040611_01

T110401-02 (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	1040704	04/07/11	04/09/11	EPA 8260B	
Methyl tert-butyl ether	**20**	1.0	"	"	"	"	"	"	
1,1,2-trichloro-1,2,2-trifluoroethane (CFC 113)	ND	5.0	"	"	"	"	"	"	
Surrogate 4-Bromofluorobenzene		*82.0 %*	*77.1-110*		"	"	"	"	
Surrogate Dibromofluoromethane		*97.0 %*	*66.3-111*		"	"	"	"	
Surrogate Toluene-d8		*98.4 %*	*84.7-109*		"	"	"	"	

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Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	04/12/11 15:58

TB_040611

T110401-03 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Volatile Organic Compounds by EPA Method 8260B									
Bromobenzene	ND	1.0	ug/l	1	1040704	04/07/11	04/08/11	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	"	"	"	"	"	"	
1,2-Dichloropropane	ND	1.0	"	"	"	"	"	"	
1,3-Dichloropropane	ND	1.0	"	"	"	"	"	"	
2,2-Dichloropropane	ND	1.0	"	"	"	"	"	"	
1,1-Dichloropropene	ND	1.0	"	"	"	"	"	"	

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Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	04/12/11 15:58

TB_040611

T110401-03 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Volatile Organic Compounds by EPA Method 8260B									
cis-1,3-Dichloropropene	ND	0.50	ug/l	1	1040704	04/07/11	04/08/11	EPA 8260B	
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	"	"	"	"	"	"	
Di-isopropyl ether	ND	2.0	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	2.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	1.0	"	"	"	"	"	"	

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Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	04/12/11 15:58

TB_040611

T110401-03 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Volatile Organic Compounds by EPA Method 8260B									
1,1,2-trichloro-1,2,2-trifluoroethane (CFC 113)	ND	5.0	ug/l	1	1040704	04/07/11	04/08/11	EPA 8260B	
Surrogate 4-Bromofluorobenzene		*105 %*	*77.1-110*		"	"	"	"	
Surrogate Dibromofluoromethane		*98.0 %*	*66.3-111*		"	"	"	"	
Surrogate Toluene-d8		*100 %*	*84.7-109*		"	"	"	"	

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Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	04/12/11 15:58

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 1040705 - EPA 5030 GC										
Blank (1040705-BLK1)				Prepared: 04/07/11	Analyzed: 04/08/11					
C6-C12 (GRO)	ND	50	ug/l							
Surrogate 4-Bromofluorobenzene	*91.9*		*"*	*100*		*91.9*	*72.6-146*			
LCS (1040705-BS1)				Prepared: 04/07/11	Analyzed: 04/08/11					
C6-C12 (GRO)	5230	50	ug/l	5500		95.1	75-125			
Surrogate 4-Bromofluorobenzene	*115*		*"*	*100*		*115*	*72.6-146*			
LCS Dup (1040705-BSD1)				Prepared: 04/07/11	Analyzed: 04/08/11					
C6-C12 (GRO)	5660	50	ug/l	5500		103	75-125	7.82	20	
Surrogate 4-Bromofluorobenzene	*96.2*		*"*	*100*		*96.2*	*72.6-146*			

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Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	04/12/11 15:58

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 1040704 - EPA 5030 GCMS										
Blank (1040704-BLK1)				Prepared: 04/07/11 Analyzed: 04/08/11						
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	"							

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Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	04/12/11 15:58

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 1040704 - EPA 5030 GCMS										
Blank (1040704-BLK1)				Prepared: 04/07/11 Analyzed: 04/08/11						
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	*8.20*		*"*	*8.00*		*102*	*77.1-110*			
Surrogate Dibromofluoromethane	*8.32*		*"*	*8.00*		*104*	*66.3-111*			
Surrogate Toluene-d8	*7.96*		*"*	*8.00*		*99.5*	*84.7-109*			

SunStar Laboratories, Inc.

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Daniel Chavez, Project Manager

SunStar Laboratories, Inc.
Providing Quality Analytical Services Nationwide

25712 Commercentre Drive
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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	04/12/11 15:58

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 1040704 - EPA 5030 GCMS										
LCS (1040704-BS1)				Prepared: 04/07/11	Analyzed: 04/08/11					
Chlorobenzene	21.4	1.0	ug/l	20.0		107	75-125			
1,1-Dichloroethene	22.0	1.0	"	20.0		110	75-125			
Trichloroethene	20.0	1.0	"	20.0		100	75-125			
Benzene	19 9	0.50	"	20.0		99.6	75-125			
Toluene	20 3	0.50	"	20.0		101	75-125			
Surrogate 4-Bromofluorobenzene	*8.10*		*"*	*8.00*		*101*	*77.1-110*			
Surrogate Dibromofluoromethane	*7.78*		*"*	*8.00*		*97.2*	*66.3-111*			
Surrogate Toluene-d8	*7.82*		*"*	*8.00*		*97.8*	*84.7-109*			
LCS Dup (1040704-BSD1)				Prepared: 04/07/11	Analyzed: 04/08/11					
Chlorobenzene	21.0	1.0	ug/l	20.0		105	75-125	1.84	20	
1,1-Dichloroethene	20 2	1.0	"	20.0		101	75-125	8.61	20	
Trichloroethene	19.8	1.0	"	20.0		99.0	75-125	1.20	20	
Benzene	20.4	0.50	"	20.0		102	75-125	2.38	20	
Toluene	20 2	0.50	"	20.0		101	75-125	0.346	20	
Surrogate 4-Bromofluorobenzene	*8.32*		*"*	*8.00*		*104*	*77.1-110*			
Surrogate Dibromofluoromethane	*7.82*		*"*	*8.00*		*97.8*	*66.3-111*			
Surrogate Toluene-d8	*8.12*		*"*	*8.00*		*102*	*84.7-109*			

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PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

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Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	04/12/11 15:58

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.

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Daniel Chavez, Project Manager

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

Chain of Custody Record

Client: Murex Environmental, Inc.
Address: 2640 Walnut Ave, Unit F
Phone: (714) 508-0800 Fax: (714) 508-0880
Project Manager: Jeremy Squire (714) 604-5836

Date: 4·6·2011 Page: 1 Of 1
Project Name: CENCO
Collector: FS/EL Client Project #: 1003-001-300
Batch #: T110401 EDF #:

Sample ID	Date Sampled	Time	Sample Type	8260 (VOCs NO OXY)	8260 + OXY	1,4-Dioxane	8270 Semi-Volatiles (PAHs, etc)	8021 BTEX	8015M (TPH gasoline)	8015M (TPH diesel)	Hexavalent Chromium (7199)	6010/7000 Title 22 Metals	PCBs				Total # of containers	Comments/Preservative	Laboratory ID #
CL_MW709_040611_01	4·6·2011	10:10	GW		X				X								6		01
CL_MW711_040611_01	4·6·2011	15:30	GW		X				X								6		02
TB_040611			Water		X												2		03

Relinquished by: (signature)	Date / Time	Received by: (signat	Date / Time
F. Sosic	4·6·2011 1603		4/6/11 1603
Relinquished by: (signature)	Date / Time	Received by: (signat	Date / Time
Relinquished by: (signature)	Date / Time	Received by: (signat	Date / Time

Total # of containers	14
Chain of Custody seals	✓
Seals intact? Y/N/NA	N/A
Received good condition/cold	Y
Turn around time:	

Notes
1.2°

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

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

SAMPLE RECEIVING REVIEW SHEET

BATCH # T110401

Client Name: MUREX

Project: ENCO

Received by: DAN

Date/Time Received: 4/6/11 1603

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 1.4 °C +/- the CF (- 0.2°C) = 1.2 °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 4/6/11

Comments:

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

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13 April 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 04/07/11 16:52. 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

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Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	04/13/11 14:22

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
LL_MW710_040711_01	T110407-01	Water	04/07/11 09:20	04/07/11 16:52
LL_MW710_040711_02	T110407-02	Water	04/07/11 09:30	04/07/11 16:52
LL_MW712_040711_01	T110407-03	Water	04/07/11 13:45	04/07/11 16:52
LL_MW714_040711_01	T110407-04	Water	04/07/11 16:00	04/07/11 16:52
TB_040711	T110407-05	Water	04/07/11 00:00	04/07/11 16:52

SunStar Laboratories, Inc.

Daniel J Chávez

Daniel Chavez, Project Manager

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Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	04/13/11 14:22

LL_MW710_040711_01
T110407-01 (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	1040801	04/08/11	04/11/11	EPA 8015C	
Surrogate 4-Bromofluorobenzene		*98.1 %*	*72.6-146*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B									
Bromobenzene	ND	1.0	ug/l	1	1040802	04/08/11	04/09/11	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	**4.9**	1.0	"	"	"	"	"	"	
1,2-Dichloroethane	**1.5**	0.50	"	"	"	"	"	"	
1,1-Dichloroethene	**56**	1.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	**19**	1.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	**4.1**	1.0	"	"	"	"	"	"	

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Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	04/13/11 14:22

LL_MW710_040711_01

T110407-01 (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	1040802	04/08/11	04/09/11	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	**72**	25	"	25	"	"	04/11/11	"	
Trichlorofluoromethane	**2.4**	1.0	"	1	"	"	04/09/11	"	
1,2,3-Trichloropropane	ND	1.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	1.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	1.0	"	"	"	"	"	"	
Vinyl chloride	**2.0**	1.0	"	"	"	"	"	"	
Benzene	**0.81**	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	"	"	"	"	"	"	

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Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	04/13/11 14:22

LL_MW710_040711_01

T110407-01 (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	1040802	04/08/11	04/09/11	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)	**18**	5.0	"	"	"	"	"	"	
Surrogate 4-Bromofluorobenzene		*99.9 %*	*77.1-110*		"	"	"	"	
Surrogate Dibromofluoromethane		*126 %*	*66.3-111*		"	"	"	"	*S-GC*
Surrogate Toluene-d8		*96.0 %*	*84.7-109*		"	"	"	"	

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Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	04/13/11 14:22

LL_MW710_040711_02

T110407-02 (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	1040801	04/08/11	04/11/11	EPA 8015C	
Surrogate 4-Bromofluorobenzene		*116 %*	*72.6-146*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B									
Bromobenzene	ND	1.0	ug/l	1	1040802	04/08/11	04/09/11	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	**4.7**	1.0	"	"	"	"	"	"	
1,2-Dichloroethane	**1.5**	0.50	"	"	"	"	"	"	
1,1-Dichloroethene	**54**	1.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	**18**	1.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	**4.0**	1.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	1.0	"	"	"	"	"	"	

SunStar Laboratories, Inc.

Daniel J Chavez

Daniel Chavez, Project Manager

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Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	04/13/11 14:22

LL_MW710_040711_02

T110407-02 (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	1040802	04/08/11	04/09/11	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	**1.0**	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	**82**	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	**92**	25	"	25	"	"	04/11/11	"	
Trichlorofluoromethane	**2.3**	1.0	"	1	"	"	04/09/11	"	
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	**0.84**	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	"	"	"	"	"	"	

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Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	04/13/11 14:22

LL_MW710_040711_02

T110407-02 (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	1040802	04/08/11	04/09/11	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)	**18**	5.0	"	"	"	"	"	"	
Surrogate 4-Bromofluorobenzene		*100 %*	*77.1-110*		"	"	"	"	
Surrogate Dibromofluoromethane		*114 %*	*66.3-111*		"	"	"	"	*S-GC*
Surrogate Toluene-d8		*96.8 %*	*84.7-109*		"	"	"	"	

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Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	04/13/11 14:22

LL_MW712_040711_01

T110407-03 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Purgeable Petroleum Hydrocarbons by EPA 8015C									
C6-C12 (GRO)	**94**	50	ug/l	1	1040801	04/08/11	04/11/11	EPA 8015C	
Surrogate 4-Bromofluorobenzene		*107 %*	*72.6-146*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B									
Bromobenzene	ND	1.0	ug/l	1	1040802	04/08/11	04/09/11	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	**23**	1.0	"	"	"	"	"	"	
tert-Butylbenzene	**2.9**	1.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.50	"	"	"	"	"	"	
Chlorobenzene	ND	1.0	"	"	"	"	"	"	
Chloroethane	ND	1.0	"	"	"	"	"	"	
Chloroform	**1.1**	1.0	"	"	"	"	"	"	
Chloromethane	**7.2**	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	**0.64**	0.50	"	"	"	"	"	"	
1,1-Dichloroethene	ND	1.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	**3.4**	1.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	1.0	"	"	"	"	"	"	

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Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	04/13/11 14:22

LL_MW712_040711_01

T110407-03 (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	1040802	04/08/11	04/09/11	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	**90**	50	"	50	"	"	04/11/11	"	
p-Isopropyltoluene	**11**	1.0	"	1	"	"	04/09/11	"	
Methylene chloride	ND	1.0	"	"	"	"	"	"	
Naphthalene	**140**	50	"	50	"	"	04/11/11	"	
n-Propylbenzene	**140**	50	"	"	"	"	"	"	
Styrene	ND	1.0	"	1	"	"	04/09/11	"	
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	**1.8**	1.0	"	"	"	"	"	"	
Trichlorofluoromethane	ND	1.0	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	1.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	**220**	50	"	50	"	"	04/11/11	"	
1,2,4-Trimethylbenzene	**580**	50	"	"	"	"	"	"	
Vinyl chloride	**2.2**	1.0	"	1	"	"	04/09/11	"	
Benzene	**860**	25	"	50	"	"	04/11/11	"	
Toluene	**140**	25	"	"	"	"	"	"	
Ethylbenzene	**270**	25	"	"	"	"	"	"	
m,p-Xylene	**1100**	50	"	"	"	"	"	"	
o-Xylene	**170**	25	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	2.0	"	1	"	"	04/09/11	"	
Tert-butyl alcohol	ND	10	"	"	"	"	"	"	
Di-isopropyl ether	ND	2.0	"	"	"	"	"	"	

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Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	04/13/11 14:22

LL_MW712_040711_01

T110407-03 (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	1040802	04/08/11	04/09/11	EPA 8260B	
Methyl tert-butyl ether	**32**	1.0	"	"	"	"	"	"	
1,1,2-trichloro-1,2,2-trifluoroethane (CFC 113)	ND	5.0	"	"	"	"	"	"	
Surrogate 4-Bromofluorobenzene		*100 %*	*77.1-110*		"	"	"	"	
Surrogate Dibromofluoromethane		*102 %*	*66.3-111*		"	"	"	"	
Surrogate Toluene-d8		*102 %*	*84.7-109*		"	"	"	"	

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Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	04/13/11 14:22

LL_MW714_040711_01

T110407-04 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Purgeable Petroleum Hydrocarbons by EPA 8015C									
C6-C12 (GRO)	**16000**	50	ug/l	1	1040801	04/08/11	04/11/11	EPA 8015C	
Surrogate 4-Bromofluorobenzene		*118 %*	*72.6-146*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B									
Bromobenzene	ND	1.0	ug/l	1	1040802	04/08/11	04/09/11	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	**4.6**	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	**2.1**	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	"	"	"	"	"	"	

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Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	04/13/11 14:22

LL_MW714_040711_01

T110407-04 (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	1040802	04/08/11	04/09/11	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	**14**	1.0	"	"	"	"	"	"	
p-Isopropyltoluene	ND	1.0	"	"	"	"	"	"	
Methylene chloride	ND	1.0	"	"	"	"	"	"	
Naphthalene	**23**	1.0	"	"	"	"	"	"	
n-Propylbenzene	**7.2**	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	**1.4**	1.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	**4.7**	1.0	"	"	"	"	"	"	
Vinyl chloride	ND	1.0	"	"	"	"	"	"	
Benzene	**16**	0.50	"	"	"	"	"	"	
Toluene	**4.0**	0.50	"	"	"	"	"	"	
Ethylbenzene	**2.1**	0.50	"	"	"	"	"	"	
m,p-Xylene	**11**	1.0	"	"	"	"	"	"	
o-Xylene	**1.9**	0.50	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	2.0	"	"	"	"	"	"	
Tert-butyl alcohol	ND	10	"	"	"	"	"	"	
Di-isopropyl ether	ND	2.0	"	"	"	"	"	"	

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Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	04/13/11 14:22

LL_MW714_040711_01

T110407-04 (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	1040802	04/08/11	04/09/11	EPA 8260B	
Methyl tert-butyl ether	**16**	1.0	"	"	"	"	"	"	
1,1,2-trichloro-1,2,2-trifluoroethane (CFC 113)	ND	5.0	"	"	"	"	"	"	
Surrogate 4-Bromofluorobenzene		*99.9 %*	*77.1-110*		"	"	"	"	
Surrogate Dibromofluoromethane		*98.2 %*	*66.3-111*		"	"	"	"	
Surrogate Toluene-d8		*102 %*	*84.7-109*		"	"	"	"	

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Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	04/13/11 14:22

TB_040711

T110407-05 (Water)

SunStar Laboratories, Inc.

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	1040802	04/08/11	04/09/11	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	"	"	"	"	"	"	
1,2-Dichloropropane	ND	1.0	"	"	"	"	"	"	
1,3-Dichloropropane	ND	1.0	"	"	"	"	"	"	
2,2-Dichloropropane	ND	1.0	"	"	"	"	"	"	
1,1-Dichloropropene	ND	1.0	"	"	"	"	"	"	

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Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	04/13/11 14:22

TB_040711

T110407-05 (Water)

SunStar Laboratories, Inc.

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
cis-1,3-Dichloropropene	ND	0.50	ug/l	1	1040802	04/08/11	04/09/11	EPA 8260B	
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	"	"	"	"	"	"	
Di-isopropyl ether	ND	2.0	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	2.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	1.0	"	"	"	"	"	"	

SunStar Laboratories, Inc.

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Daniel Chavez, Project Manager

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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	04/13/11 14:22

TB_040711

T110407-05 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Volatile Organic Compounds by EPA Method 8260B									
1,1,2-trichloro-1,2,2-trifluoroethane (CFC 113)	ND	5.0	ug/l	1	1040802	04/08/11	04/09/11	EPA 8260B	
Surrogate 4-Bromofluorobenzene		*93.8 %*		*77.1-110*		"	"	"	
Surrogate Dibromofluoromethane		*111 %*		*66.3-111*		"	"	"	
Surrogate Toluene-d8		*101 %*		*84.7-109*		"	"	"	

SunStar Laboratories, Inc.

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Daniel Chavez, Project Manager

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

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Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	04/13/11 14:22

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 1040801 - EPA 5030 GC										
Blank (1040801-BLK1)				Prepared: 04/08/11		Analyzed: 04/11/11				
C6-C12 (GRO)	ND	50	ug/l							
Surrogate 4-Bromofluorobenzene	*92.2*		*"*	*100*		*92.2*	*72.6-146*			
LCS (1040801-BS1)				Prepared: 04/08/11		Analyzed: 04/11/11				
C6-C12 (GRO)	4900	50	ug/l	5500		89.2	75-125			
Surrogate 4-Bromofluorobenzene	*86.7*		*"*	*100*		*86.7*	*72.6-146*			
LCS Dup (1040801-BSD1)				Prepared: 04/08/11		Analyzed: 04/11/11				
C6-C12 (GRO)	5240	50	ug/l	5500		95.3	75-125	6.71	20	
Surrogate 4-Bromofluorobenzene	*104*		*"*	*100*		*104*	*72.6-146*			

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Daniel Chavez, Project Manager

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Providing Quality Analytical Services Nationwide

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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	04/13/11 14:22

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 1040802 - EPA 5030 GCMS										
Blank (1040802-BLK1)				Prepared: 04/08/11 Analyzed: 04/09/11						
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.

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Daniel Chavez, Project Manager

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Providing Quality Analytical Services Nationwide

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Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	04/13/11 14:22

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 1040802 - EPA 5030 GCMS										
Blank (1040802-BLK1)				Prepared: 04/08/11 Analyzed: 04/09/11						
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	*7.76*		*"*	*8.00*		*97.0*	*77.1-110*			
Surrogate Dibromofluoromethane	*9.19*		*"*	*8.00*		*115*	*66.3-111*			*S-GC*
Surrogate Toluene-d8	*7.85*		*"*	*8.00*		*98.1*	*84.7-109*			

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Daniel Chavez, Project Manager

SunStar Laboratories, Inc.
Providing Quality Analytical Services Nationwide

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Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	04/13/11 14:22

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 1040802 - EPA 5030 GCMS										
LCS (1040802-BS1)				Prepared & Analyzed: 04/08/11						
Chlorobenzene	17.0	1.0	ug/l	20.0		85.1	75-125			
1,1-Dichloroethene	20 1	1.0	"	20.0		101	75-125			
Trichloroethene	19 2	1.0	"	20.0		96.0	75-125			
Benzene	19 9	0.50	"	20.0		99.3	75-125			
Toluene	18.4	0.50	"	20.0		91.8	75-125			
Surrogate 4-Bromofluorobenzene	*7.58*		*"*	*8.00*		*94.8*	*77.1-110*			
Surrogate Dibromofluoromethane	*9.42*		*"*	*8.00*		*118*	*66.3-111*			*S-GC*
Surrogate Toluene-d8	*7.69*		*"*	*8.00*		*96.1*	*84.7-109*			
LCS Dup (1040802-BSD1)				Prepared: 04/08/11 Analyzed: 04/09/11						
Chlorobenzene	17.4	1.0	ug/l	20.0		86.8	75-125	2.04	20	
1,1-Dichloroethene	21.4	1.0	"	20.0		107	75-125	6.21	20	
Trichloroethene	19.6	1.0	"	20.0		97.8	75-125	1.91	20	
Benzene	21 3	0.50	"	20.0		106	75-125	7.00	20	
Toluene	20 2	0.50	"	20.0		101	75-125	9.35	20	
Surrogate 4-Bromofluorobenzene	*8.20*		*"*	*8.00*		*102*	*77.1-110*			
Surrogate Dibromofluoromethane	*9.42*		*"*	*8.00*		*118*	*66.3-111*			*S-GC*
Surrogate Toluene-d8	*7.70*		*"*	*8.00*		*96.2*	*84.7-109*			

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PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

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Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	04/13/11 14:22

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

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

Chain of Custody Record

Client: Murex Environmental, Inc.
Address: 2640 Walnut Ave, Unit F
Phone: (714) 508-0800 Fax: (714) 508-0880
Project Manager: Jeremy Squire (714) 604-5836

Date: 4.7.2011 Page: 1 Of 1
Project Name: CENCO
Collector: FS/EC Client Project #: 1003-001-300
Batch #: T110407 EDF #:

Sample ID	Date Sampled	Time	Sample Type	8260 (VOCs NO OXY)	8260 + OXY	1,4-Dioxane	8270 Semi-Volatiles (PAHs, etc)	8021 BTEX	8015M (TPH gasoline)	8015M (TPH diesel)	Hexavalent Chromium (7199)	6010/7000 Title 22 Metals	PCBs				Total # of containers	Comments/Preservative	Laboratory ID #
LL_MW710_040711_01	4.7.2011	9:20	GW		X				X								6		01
LL_MW710_040711_02		9:30	GW		X				X								6		02
LL_MW712_040711_01		13:45	GW		X				X								6		03
LL_MW714_040711_01		16:00	GW		X				X								6		04
TB_040711			Water		X												2		05

Relinquished by: (signature)	Date / Time	Received by: (signat	Date / Time
[signature]	4.7.2011 1652	[signature]	4/7/11 1652
Relinquished by: (signature)	Date / Time	Received by: (signat	Date / Time
Relinquished by: (signature)	Date / Time	Received by: (signat	Date / Time

Total # of containers	26
Chain of Custody seals	N
Seals intact? Y/N/NA	n/a
Received good condition/cold	Y
Turn around time:	

Notes
2.0°

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

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

SAMPLE RECEIVING REVIEW SHEET

BATCH # 110407

Client Name: MUREX Project: CENCO

Received by: DAN Date/Time Received: 4/7/11 1652

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 2.2 °C +/- the CF (- 0.2°C) = 2.0 °C corrected temperature

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

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

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

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

* Complete Non-Conformance Receiving Sheet if checked Cooler/Sample Review - Initials and date BC 4/8/11

Comments:

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

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Lake Forest, California 92630
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14 April 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 04/08/11 16:19. 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
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Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	04/14/11 15:41

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
LL_MW713_040811_01	T110415-01	Water	04/08/11 09:30	04/08/11 16:19
LL_MW715_040811_01	T110415-02	Water	04/08/11 12:30	04/08/11 16:19
LL_MW707_040811_01	T110415-03	Water	04/08/11 15:30	04/08/11 16:19
TB_040811	T110415-04	Water	04/08/11 15:30	04/08/11 16:19

SunStar Laboratories, Inc.

Daniel J Chávez

Daniel Chavez, Project Manager

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Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	04/14/11 15:41

LL_MW713_040811_01
T110415-01 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Purgeable Petroleum Hydrocarbons by EPA 8015C									
C6-C12 (GRO)	**1000**	50	ug/l	1	1040823	04/08/11	04/12/11	EPA 8015C	
Surrogate 4-Bromofluorobenzene		*99.2 %*	*72.6-146*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B									
Bromobenzene	ND	1.0	ug/l	1	1040822	"	04/12/11	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	**2.6**	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	**5.4**	1.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	

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Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	04/14/11 15:41

LL_MW713_040811_01

T110415-01 (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	1040822	04/08/11	04/12/11	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	**15**	1.0	"	"	"	"	"	"	
p-Isopropyltoluene	ND	1.0	"	"	"	"	"	"	
Methylene chloride	ND	1.0	"	"	"	"	"	"	
Naphthalene	**2.8**	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	ND	1.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	1.0	"	"	"	"	"	"	
Vinyl chloride	ND	1.0	"	"	"	"	"	"	
Benzene	**150**	12	"	25	"	"	04/13/11	"	
Toluene	ND	0.50	"	1	"	"	04/12/11	"	
Ethylbenzene	**0.91**	0.50	"	"	"	"	"	"	
m,p-Xylene	**1.6**	1.0	"	"	"	"	"	"	
o-Xylene	ND	0.50	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	2.0	"	"	"	"	"	"	

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Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	04/14/11 15:41

LL_MW713_040811_01

T110415-01 (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	**120**	10	ug/l	1	1040822	04/08/11	04/12/11	EPA 8260B	
Di-isopropyl ether	ND	2.0	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	2.0	"	"	"	"	"	"	
Methyl tert-butyl ether	**75**	1.0	"	"	"	"	"	"	
1,1,2-trichloro-1,2,2-trifluoroethane (CFC 113)	ND	5.0	"	"	"	"	"	"	
Surrogate 4-Bromofluorobenzene		*102 %*	*77.1-110*		"	"	"	"	
Surrogate Dibromofluoromethane		*105 %*	*66.3-111*		"	"	"	"	
Surrogate Toluene-d8		*101 %*	*84.7-109*		"	"	"	"	

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Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	04/14/11 15:41

LL_MW715_040811_01

T110415-02 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Purgeable Petroleum Hydrocarbons by EPA 8015C									
C6-C12 (GRO)	**1500**	50	ug/l	1	1040823	04/08/11	04/12/11	EPA 8015C	
Surrogate 4-Bromofluorobenzene		*98.1 %*	*72.6-146*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B									
Bromobenzene	ND	1.0	ug/l	1	1040822	"	04/12/11	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	**9.3**	1.0	"	"	"	"	"	"	
tert-Butylbenzene	**2.2**	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	"	"	"	"	"	"	

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Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	04/14/11 15:41

LL_MW715_040811_01

T110415-02 (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	1040822	04/08/11	04/12/11	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	**14**	1.0	"	"	"	"	"	"	
p-Isopropyltoluene	ND	1.0	"	"	"	"	"	"	
Methylene chloride	ND	1.0	"	"	"	"	"	"	
Naphthalene	**3.8**	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	**1.7**	1.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	1.0	"	"	"	"	"	"	
Vinyl chloride	ND	1.0	"	"	"	"	"	"	
Benzene	**310**	12	"	25	"	"	04/13/11	"	
Toluene	**5.6**	0.50	"	1	"	"	04/12/11	"	
Ethylbenzene	**1.0**	0.50	"	"	"	"	"	"	
m,p-Xylene	**3.6**	1.0	"	"	"	"	"	"	
o-Xylene	**1.6**	0.50	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	2.0	"	"	"	"	"	"	
Tert-butyl alcohol	ND	10	"	"	"	"	"	"	
Di-isopropyl ether	ND	2.0	"	"	"	"	"	"	

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Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	04/14/11 15:41

LL_MW715_040811_01

T110415-02 (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	1040822	04/08/11	04/12/11	EPA 8260B	
Methyl tert-butyl ether	**8.8**	1.0	"	"	"	"	"	"	
1,1,2-trichloro-1,2,2-trifluoroethane (CFC 113)	ND	5.0	"	"	"	"	"	"	
Surrogate 4-Bromofluorobenzene		*98.5 %*	*77.1-110*		"	"	"	"	
Surrogate Dibromofluoromethane		*116 %*	*66.3-111*		"	"	"	"	*S-GC*
Surrogate Toluene-d8		*99.1 %*	*84.7-109*		"	"	"	"	

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Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	04/14/11 15:41

LL_MW707_040811_01

T110415-03 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Purgeable Petroleum Hydrocarbons by EPA 8015C									
C6-C12 (GRO)	**7000**	50	ug/l	1	1040823	04/08/11	04/12/11	EPA 8015C	
Surrogate 4-Bromofluorobenzene		*113 %*	*72.6-146*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B									
Bromobenzene	ND	1.0	ug/l	1	1040822	"	04/12/11	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	**14**	1.0	"	"	"	"	"	"	
tert-Butylbenzene	**1.5**	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	**4.0**	0.50	"	"	"	"	"	"	
1,1-Dichloroethene	**1.6**	1.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	**8.7**	1.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	1.0	"	"	"	"	"	"	

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Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	04/14/11 15:41

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T110415-03 (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	1040822	04/08/11	04/12/11	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	**9.0**	1.0	"	"	"	"	"	"	
p-Isopropyltoluene	ND	1.0	"	"	"	"	"	"	
Methylene chloride	ND	1.0	"	"	"	"	"	"	
Naphthalene	**26**	1.0	"	"	"	"	"	"	
n-Propylbenzene	**18**	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	**3.2**	1.0	"	"	"	"	"	"	
Trichlorofluoromethane	ND	1.0	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	1.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	**27**	1.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	**74**	1.0	"	"	"	"	"	"	
Vinyl chloride	ND	1.0	"	"	"	"	"	"	
Benzene	**1000**	25	"	50	"	"	04/13/11	"	
Toluene	**560**	25	"	"	"	"	"	"	
Ethylbenzene	**180**	25	"	"	"	"	"	"	
m,p-Xylene	**670**	50	"	"	"	"	"	"	
o-Xylene	**310**	25	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	2.0	"	1	"	"	04/12/11	"	
Tert-butyl alcohol	ND	10	"	"	"	"	"	"	
Di-isopropyl ether	ND	2.0	"	"	"	"	"	"	

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Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	04/14/11 15:41

LL_MW707_040811_01

T110415-03 (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	1040822	04/08/11	04/12/11	EPA 8260B	
Methyl tert-butyl ether	**15**	1.0	"	"	"	"	"	"	
1,1,2-trichloro-1,2,2-trifluoroethane (CFC 113)	ND	5.0	"	"	"	"	"	"	
Surrogate 4-Bromofluorobenzene		*97.0 %*	*77.1-110*		"	"	"	"	
Surrogate Dibromofluoromethane		*100 %*	*66.3-111*		"	"	"	"	
Surrogate Toluene-d8		*99.1 %*	*84.7-109*		"	"	"	"	

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Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	04/14/11 15:41

TB_040811

T110415-04 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Volatile Organic Compounds by EPA Method 8260B									
Bromobenzene	ND	1.0	ug/l	1	1040822	04/08/11	04/13/11	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	"	"	"	"	"	"	
1,2-Dichloropropane	ND	1.0	"	"	"	"	"	"	
1,3-Dichloropropane	ND	1.0	"	"	"	"	"	"	
2,2-Dichloropropane	ND	1.0	"	"	"	"	"	"	
1,1-Dichloropropene	ND	1.0	"	"	"	"	"	"	

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Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	04/14/11 15:41

TB_040811

T110415-04 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Volatile Organic Compounds by EPA Method 8260B									
cis-1,3-Dichloropropene	ND	0.50	ug/l	1	1040822	04/08/11	04/13/11	EPA 8260B	
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	"	"	"	"	"	"	
Di-isopropyl ether	ND	2.0	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	2.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	1.0	"	"	"	"	"	"	

SunStar Laboratories, Inc.

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Daniel Chavez, Project Manager

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

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Lake Forest, California 92630
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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	04/14/11 15:41

TB_040811

T110415-04 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Volatile Organic Compounds by EPA Method 8260B									
1,1,2-trichloro-1,2,2-trifluoroethane (CFC 113)	ND	5.0	ug/l	1	1040822	04/08/11	04/13/11	EPA 8260B	
Surrogate 4-Bromofluorobenzene		*101 %*	*77.1-110*		"	"	"	"	
Surrogate Dibromofluoromethane		*92.8 %*	*66.3-111*		"	"	"	"	
Surrogate Toluene-d8		*99.6 %*	*84.7-109*		"	"	"	"	

SunStar Laboratories, Inc.

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Daniel Chavez, Project Manager

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Providing Quality Analytical Services Nationwide

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Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	04/14/11 15:41

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 1040823 - EPA 5030 GC										
Blank (1040823-BLK1)				Prepared: 04/08/11		Analyzed: 04/12/11				
C6-C12 (GRO)	ND	50	ug/l							
Surrogate 4-Bromofluorobenzene	*89.0*		*"*	*100*		*89.0*	*72.6-146*			
LCS (1040823-BS1)				Prepared: 04/08/11		Analyzed: 04/12/11				
C6-C12 (GRO)	5620	50	ug/l	5500		102	75-125			
Surrogate 4-Bromofluorobenzene	*111*		*"*	*100*		*111*	*72.6-146*			
LCS Dup (1040823-BSD1)				Prepared: 04/08/11		Analyzed: 04/12/11				
C6-C12 (GRO)	5350	50	ug/l	5500		97.2	75-125	5.04	20	
Surrogate 4-Bromofluorobenzene	*86.4*		*"*	*100*		*86.4*	*72.6-146*			

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Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	04/14/11 15:41

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 1040822 - EPA 5030 GCMS										
Blank (1040822-BLK1)				Prepared: 04/08/11 Analyzed: 04/12/11						
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.

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Daniel Chavez, Project Manager

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Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	04/14/11 15:41

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 1040822 - EPA 5030 GCMS										
Blank (1040822-BLK1)				Prepared: 04/08/11 Analyzed: 04/12/11						
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	*7.86*		*"*	*8.00*		*98.2*	*77.1-110*			
Surrogate Dibromofluoromethane	*8.01*		*"*	*8.00*		*100*	*66.3-111*			
Surrogate Toluene-d8	*7.42*		*"*	*8.00*		*92.8*	*84.7-109*			

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Daniel Chavez, Project Manager

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Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	04/14/11 15:41

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 1040822 - EPA 5030 GCMS										
LCS (1040822-BS1)				Prepared: 04/08/11	Analyzed: 04/12/11					
Chlorobenzene	18.6	1.0	ug/l	20.0		93.2	75-125			
1,1-Dichloroethene	21.0	1.0	"	20.0		105	75-125			
Trichloroethene	21.4	1.0	"	20.0		107	75-125			
Benzene	20 1	0.50	"	20.0		101	75-125			
Toluene	18 3	0.50	"	20.0		91.7	75-125			
Surrogate 4-Bromofluorobenzene	*7.75*		*"*	*8.00*		*96.9*	*77.1-110*			
Surrogate Dibromofluoromethane	*9.04*		*"*	*8.00*		*113*	*66.3-111*			*S-GC*
Surrogate Toluene-d8	*7.39*		*"*	*8.00*		*92.4*	*84.7-109*			
LCS Dup (1040822-BSD1)				Prepared: 04/08/11	Analyzed: 04/12/11					
Chlorobenzene	19 3	1.0	ug/l	20.0		96.6	75-125	3.58	20	
1,1-Dichloroethene	20.7	1.0	"	20.0		103	75-125	1.49	20	
Trichloroethene	23.4	1.0	"	20.0		117	75-125	8.80	20	
Benzene	20 1	0.50	"	20.0		100	75-125	0.249	20	
Toluene	17 9	0.50	"	20.0		89.6	75-125	2.32	20	
Surrogate 4-Bromofluorobenzene	*7.83*		*"*	*8.00*		*97.9*	*77.1-110*			
Surrogate Dibromofluoromethane	*8.76*		*"*	*8.00*		*110*	*66.3-111*			
Surrogate Toluene-d8	*7.28*		*"*	*8.00*		*91.0*	*84.7-109*			

SunStar Laboratories, Inc.

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PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

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Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	04/14/11 15:41

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

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

Chain of Custody Record

Client: Murex Environmental, Inc.
Address: 2640 Walnut Ave, Unit F
Phone: (714) 508-0800 Fax: (714) 508-0880
Project Manager: Jeremy Squire (714) 604-5836

Date: 4.8.2011 Page: 1 Of 1
Project Name: CENCO
Collector: FS/EL Client Project #: 1003-001-300
Batch #: T110415 EDF #:

Sample ID	Date Sampled	Time	Sample Type	8260 (VOCs NO OXY)	8260 + OXY	1,4-Dioxane	8270 Semi-Volatiles (PAHs, etc)	8021 BTEX	8015M (TPH gasoline)	8015M (TPH diesel)	Hexavalent Chromium (7199)	6010/7000 Title 22 Metals	PCBs				Total # of containers	Comments/Preservative	Laboratory ID #
LL_MW713_040811_01	4.8.2011	9:30	GW		X				X								6		01
LL_MW715_040811_01	4.8.2011	12:00	GW		X				X								6		02
LL_MW707_040811_01	4.8.2011	15:30	GW		X				X								6		03
TB_040811	4.8.2011		Water		X												2		04

Relinquished by: (signature)	Date / Time	Received by: (signat	Date / Time
[signature]	4.8.2011 1619	[signature]	4/8/11 1619
Relinquished by: (signature)	Date / Time	Received by: (signat	Date / Time
Relinquished by: (signature)	Date / Time	Received by: (signat	Date / Time

Total # of containers	20
Chain of Custody seals	N
Seals intact? Y/N/NA	N/A
Received good condition/cold	Y
Turn around time:	

Notes: 3.4°

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

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

SAMPLE RECEIVING REVIEW SHEET

BATCH # T110415

Client Name: MUREX Project: CENCO

Received by: DAN Date/Time Received: 4/8/11 1619

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 4/8/11

Comments:

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

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Lake Forest, California 92630
949.297.5020 Phone
949.297.5027 Fax

14 April 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 04/11/11 16:32. 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

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Lake Forest, California 92630
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Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	04/14/11 16:53

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
LL_MW706_041111_01	T110422-01	Water	04/11/11 10:30	04/11/11 16:32
LL_MW701_041111_01	T110422-02	Water	04/11/11 16:00	04/11/11 16:32
TB_041111	T110422-03	Water	04/11/11 00:00	04/11/11 16:32

SunStar Laboratories, Inc.

Daniel J Chávez

Daniel Chavez, Project Manager

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Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	04/14/11 16:53

LL_MW706_041111_01
T110422-01 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Purgeable Petroleum Hydrocarbons by EPA 8015C									
C6-C12 (GRO)	**540**	50	ug/l	1	1041217	04/12/11	04/14/11	EPA 8015C	
Surrogate 4-Bromofluorobenzene		*97.4 %*	*72.6-146*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B									
Bromobenzene	ND	1.0	ug/l	1	1041208	04/12/11	04/14/11	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	**6.0**	1.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	

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Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	04/14/11 16:53

LL_MW706_041111_01

T110422-01 (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	1041208	04/12/11	04/14/11	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	**2.6**	1.0	"	"	"	"	"	"	
Benzene	**9.0**	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	"	"	"	"	"	"	

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Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	04/14/11 16:53

LL_MW706_041111_01

T110422-01 (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	**89**	10	ug/l	1	1041208	04/12/11	04/14/11	EPA 8260B	
Di-isopropyl ether	ND	2.0	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	2.0	"	"	"	"	"	"	
Methyl tert-butyl ether	**5.9**	1.0	"	"	"	"	"	"	
1,1,2-trichloro-1,2,2-trifluoroethane (CFC 113)	ND	5.0	"	"	"	"	"	"	
Surrogate 4-Bromofluorobenzene		*98.1 %*	*77.1-110*		"	"	"	"	
Surrogate Dibromofluoromethane		*133 %*	*66.3-111*		"	"	"	"	*S-GC*
Surrogate Toluene-d8		*94.4 %*	*84.7-109*		"	"	"	"	

SunStar Laboratories, Inc.

Daniel J Chávez

Daniel Chavez, Project Manager

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Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	04/14/11 16:53

LL_MW701_041111_01

T110422-02 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Purgeable Petroleum Hydrocarbons by EPA 8015C									
C6-C12 (GRO)	**230**	50	ug/l	1	1041217	04/12/11	04/14/11	EPA 8015C	
Surrogate 4-Bromofluorobenzene		*109 %*	*72.6-146*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B									
Bromobenzene	ND	1.0	ug/l	1	1041208	04/12/11	04/14/11	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	**1.7**	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	**1.0**	1.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
1,1-Dichloroethene	**3.8**	1.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	**14**	1.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	**2.3**	1.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	1.0	"	"	"	"	"	"	

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Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	04/14/11 16:53

LL_MW701_041111_01

T110422-02 (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	1041208	04/12/11	04/14/11	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	**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	**6.0**	1.0	"	"	"	"	"	"	
Benzene	**1.1**	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	"	"	"	"	"	"	

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Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	04/14/11 16:53

LL_MW701_041111_01

T110422-02 (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	1041208	04/12/11	04/14/11	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		*136 %*	*66.3-111*		"	"	"	"	*S-GC*
Surrogate Toluene-d8		*89.5 %*	*84.7-109*		"	"	"	"	

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Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	04/14/11 16:53

TB_041111

T110422-03 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Volatile Organic Compounds by EPA Method 8260B									
Bromobenzene	ND	1.0	ug/l	1	1041208	04/12/11	04/14/11	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	"	"	"	"	"	"	
1,2-Dichloropropane	ND	1.0	"	"	"	"	"	"	
1,3-Dichloropropane	ND	1.0	"	"	"	"	"	"	
2,2-Dichloropropane	ND	1.0	"	"	"	"	"	"	
1,1-Dichloropropene	ND	1.0	"	"	"	"	"	"	

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Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	04/14/11 16:53

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T110422-03 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Volatile Organic Compounds by EPA Method 8260B									
cis-1,3-Dichloropropene	ND	0.50	ug/l	1	1041208	04/12/11	04/14/11	EPA 8260B	
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	"	"	"	"	"	"	
Di-isopropyl ether	ND	2.0	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	2.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	1.0	"	"	"	"	"	"	

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Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	04/14/11 16:53

TB_041111

T110422-03 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Volatile Organic Compounds by EPA Method 8260B									
1,1,2-trichloro-1,2,2-trifluoroethane (CFC 113)	ND	5.0	ug/l	1	1041208	04/12/11	04/14/11	EPA 8260B	
Surrogate 4-Bromofluorobenzene		*94.0 %*	*77.1-110*		"	"	"	"	
Surrogate Dibromofluoromethane		*106 %*	*66.3-111*		"	"	"	"	
Surrogate Toluene-d8		*93.9 %*	*84.7-109*		"	"	"	"	

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Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	04/14/11 16:53

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 1041217 - EPA 5030 GC										
Blank (1041217-BLK1)				Prepared: 04/12/11	Analyzed: 04/14/11					
C6-C12 (GRO)	ND	50	ug/l							
Surrogate 4-Bromofluorobenzene	*92.4*		*"*	*100*		*92.4*	*72.6-146*			
LCS (1041217-BS1)				Prepared: 04/12/11	Analyzed: 04/14/11					
C6-C12 (GRO)	5200	50	ug/l	5500		94.6	75-125			
Surrogate 4-Bromofluorobenzene	*100*		*"*	*100*		*100*	*72.6-146*			
LCS Dup (1041217-BSD1)				Prepared: 04/12/11	Analyzed: 04/14/11					
C6-C12 (GRO)	4850	50	ug/l	5500		88.2	75-125	6.99	20	
Surrogate 4-Bromofluorobenzene	*103*		*"*	*100*		*103*	*72.6-146*			

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Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	04/14/11 16:53

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 1041208 - EPA 5030 GCMS										
Blank (1041208-BLK1)				Prepared: 04/12/11 Analyzed: 04/14/11						
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	"							

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Daniel Chavez, Project Manager

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Providing Quality Analytical Services Nationwide

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Lake Forest, California 92630
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Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	04/14/11 16:53

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 1041208 - EPA 5030 GCMS										
Blank (1041208-BLK1)				Prepared: 04/12/11 Analyzed: 04/14/11						
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	*7.64*		*"*	*8.00*		*95.5*	*77.1-110*			
Surrogate Dibromofluoromethane	*9.05*		*"*	*8.00*		*113*	*66.3-111*			*S-GC*
Surrogate Toluene-d8	*7.52*		*"*	*8.00*		*94.0*	*84.7-109*			

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Daniel Chavez, Project Manager

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Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	04/14/11 16:53

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 1041208 - EPA 5030 GCMS										
LCS (1041208-BS1)				Prepared: 04/12/11	Analyzed: 04/14/11					
Chlorobenzene	18.7	1.0	ug/l	20.0		93.6	75-125			
1,1-Dichloroethene	22.4	1.0	"	20.0		112	75-125			
Trichloroethene	21 2	1.0	"	20.0		106	75-125			
Benzene	20 5	0.50	"	20.0		102	75-125			
Toluene	15 5	0.50	"	20.0		77.3	75-125			
Surrogate 4-Bromofluorobenzene	*7.80*		*"*	*8.00*		*97.5*	*77.1-110*			
Surrogate Dibromofluoromethane	*11.7*		*"*	*8.00*		*146*	*66.3-111*			*S-GC*
Surrogate Toluene-d8	*6.96*		*"*	*8.00*		*87.0*	*84.7-109*			
LCS Dup (1041208-BSD1)				Prepared: 04/12/11	Analyzed: 04/14/11					
Chlorobenzene	18 2	1.0	ug/l	20.0		91.0	75-125	2.82	20	
1,1-Dichloroethene	20 5	1.0	"	20.0		102	75-125	9.14	20	
Trichloroethene	21 2	1.0	"	20.0		106	75-125	0.00	20	
Benzene	20 2	0.50	"	20.0		101	75-125	1.13	20	
Toluene	15 1	0.50	"	20.0		75.5	75-125	2.36	20	
Surrogate 4-Bromofluorobenzene	*7.75*		*"*	*8.00*		*96.9*	*77.1-110*			
Surrogate Dibromofluoromethane	*10.5*		*"*	*8.00*		*132*	*66.3-111*			*S-GC*
Surrogate Toluene-d8	*7.07*		*"*	*8.00*		*88.4*	*84.7-109*			

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PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

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Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	04/14/11 16:53

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

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Lake Forest, CA 92630
949-297-5020

Chain of Custody Record

Client: Murex Environmental, Inc.
Address: 2640 Walnut Ave, Unit F
Phone: (714) 508-0800 Fax: (714) 508-0880
Project Manager: Jeremy Squire (714) 604-5836

Date: 4.11.2011 Page: 1 Of 1
Project Name: CENCO
Collector: F.Sosic Client Project #: 1003-001-300
Batch #: T110422 EDF #:

Sample ID	Date Sampled	Time	Sample Type	8260 (VOCs NO OXY)	8260 + OXY	1,4-Dioxane	8270 Semi-Volatiles (PAHs, etc)	8021 BTEX	8015M (TPH gasoline)	8015M (TPH diesel)	Hexavalent Chromium (7199)	6010/7000 Title 22 Metals	PCBs				Total # of containers	Comments/Preservative	Laboratory ID #
LL_MW706_041111_01	4.11.2011	10:30	GW		X				X								6		01
LL_MW701_041111_01		16:00	GW		X				X								6		02
TB_041111			Water		X												2		03

Relinquished by: (signature)	Date / Time	Received by: (signat	Date / Time
F.Sosic	4.11.2011 1632		4/11/11 1632
Relinquished by: (signature)	Date / Time	Received by: (signat	Date / Time
Relinquished by: (signature)	Date / Time	Received by: (signat	Date / Time

Total # of containers	14
Chain of Custody seals	N
Seals intact? Y/N/NA	N/A
Received good condition/cold	Y
Turn around time:	

Notes: 2.4°

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

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

SAMPLE RECEIVING REVIEW SHEET

BATCH # T110422

Client Name: Murex Project: Cenco

Received by: Dan Date/Time Received: 4/11/11 1632

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 2.6 °C +/- the CF (- 0.2°C) = 2.4 °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 4/12/11

Comments:

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

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15 April 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 04/12/11 16:04. 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

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Lake Forest, California 92630
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Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	04/15/11 16:37

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
LL_MW705_041211_01	T110427-01	Water	04/12/11 10:00	04/12/11 16:04
LL_MW702_041211_01	T110427-02	Water	04/12/11 13:21	04/12/11 16:04
LL_MW703_041211_01	T110427-03	Water	04/12/11 15:45	04/12/11 16:04
TB_041211	T110427-04	Water	04/12/11 00:00	04/12/11 16:04

SunStar Laboratories, Inc.

Daniel J Chávez

Daniel Chavez, Project Manager

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Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	04/15/11 16:37

LL_MW705_041211_01

T110427-01 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Purgeable Petroleum Hydrocarbons by EPA 8015C									
C6-C12 (GRO)	**930**	50	ug/l	1	1041217	04/12/11	04/14/11	EPA 8015C	
Surrogate 4-Bromofluorobenzene		*107 %*	*72.6-146*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B									
Bromobenzene	ND	1.0	ug/l	1	1041218	04/12/11	04/13/11	EPA 8260B	
Bromochloromethane	ND	1.0	"	"	"	"	"	"	
Bromodichloromethane	ND	1.0	"	"	"	"	"	"	
Bromoform	ND	1.0	"	"	"	"	"	"	
Bromomethane	ND	1.0	"	"	"	"	"	"	
n-Butylbenzene	**4.6**	1.0	"	"	"	"	"	"	
sec-Butylbenzene	**8.0**	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	**3.8**	1.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	

SunStar Laboratories, Inc.

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Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	04/15/11 16:37

LL_MW705_041211_01

T110427-01 (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	1041218	04/12/11	04/13/11	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	**16**	1.0	"	"	"	"	"	"	
p-Isopropyltoluene	ND	1.0	"	"	"	"	"	"	
Methylene chloride	ND	1.0	"	"	"	"	"	"	
Naphthalene	ND	1.0	"	"	"	"	"	"	
n-Propylbenzene	**26**	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	**1.3**	1.0	"	"	"	"	"	"	
Vinyl chloride	ND	1.0	"	"	"	"	"	"	
Benzene	**55**	0.50	"	"	"	"	"	"	
Toluene	**0.87**	0.50	"	"	"	"	"	"	
Ethylbenzene	**1.7**	0.50	"	"	"	"	"	"	
m,p-Xylene	**1.6**	1.0	"	"	"	"	"	"	
o-Xylene	ND	0.50	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	2.0	"	"	"	"	"	"	

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Daniel Chavez, Project Manager

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Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	04/15/11 16:37

LL_MW705_041211_01

T110427-01 (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	**31**	10	ug/l	1	1041218	04/12/11	04/13/11	EPA 8260B	
Di-isopropyl ether	ND	2.0	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	2.0	"	"	"	"	"	"	
Methyl tert-butyl ether	**22**	1.0	"	"	"	"	"	"	
1,1,2-trichloro-1,2,2-trifluoroethane (CFC 113)	ND	5.0	"	"	"	"	"	"	
Surrogate 4-Bromofluorobenzene		*102 %*	*77.1-110*		"	"	"	"	
Surrogate Dibromofluoromethane		*98.4 %*	*66.3-111*		"	"	"	"	
Surrogate Toluene-d8		*103 %*	*84.7-109*		"	"	"	"	

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Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	04/15/11 16:37

LL_MW702_041211_01

T110427-02 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Purgeable Petroleum Hydrocarbons by EPA 8015C									
C6-C12 (GRO)	**910**	50	ug/l	1	1041217	04/12/11	04/14/11	EPA 8015C	
Surrogate 4-Bromofluorobenzene		*97.6 %*	*72.6-146*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B									
Bromobenzene	ND	1.0	ug/l	1	1041218	04/12/11	04/13/11	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	**1.3**	1.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
1,1-Dichloroethene	ND	1.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	**2.0**	1.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	1.0	"	"	"	"	"	"	

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Daniel Chavez, Project Manager

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Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	04/15/11 16:37

LL_MW702_041211_01

T110427-02 (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	1041218	04/12/11	04/13/11	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	**3.9**	1.0	"	"	"	"	"	"	
p-Isopropyltoluene	ND	1.0	"	"	"	"	"	"	
Methylene chloride	ND	1.0	"	"	"	"	"	"	
Naphthalene	ND	1.0	"	"	"	"	"	"	
n-Propylbenzene	**4.7**	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	**6.3**	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	**32**	10	"	"	"	"	"	"	

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Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	04/15/11 16:37

LL_MW702_041211_01

T110427-02 (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	1041218	04/12/11	04/13/11	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		*92.9 %*	*77.1-110*		"	"	"	"	
Surrogate Dibromofluoromethane		*90.8 %*	*66.3-111*		"	"	"	"	
Surrogate Toluene-d8		*99.4 %*	*84.7-109*		"	"	"	"	

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Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	04/15/11 16:37

LL_MW703_041211_01

T110427-03 (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	1041217	04/12/11	04/14/11	EPA 8015C	
Surrogate 4-Bromofluorobenzene		*112 %*	*72.6-146*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B									
Bromobenzene	ND	1.0	ug/l	1	1041218	04/12/11	04/13/11	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	**1.3**	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	ND	0.50	"	"	"	"	"	"	
1,1-Dichloroethene	**1.7**	1.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	**10**	1.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	1.0	"	"	"	"	"	"	

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Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	04/15/11 16:37

LL_MW703_041211_01

T110427-03 (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	1041218	04/12/11	04/13/11	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	**3.1**	1.0	"	"	"	"	"	"	
p-Isopropyltoluene	ND	1.0	"	"	"	"	"	"	
Methylene chloride	ND	1.0	"	"	"	"	"	"	
Naphthalene	ND	1.0	"	"	"	"	"	"	
n-Propylbenzene	**2.5**	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	**2.6**	1.0	"	"	"	"	"	"	
Trichlorofluoromethane	ND	1.0	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	1.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	1.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	**2.7**	1.0	"	"	"	"	"	"	
Vinyl chloride	ND	1.0	"	"	"	"	"	"	
Benzene	**76**	0.50	"	"	"	"	"	"	
Toluene	**1.4**	0.50	"	"	"	"	"	"	
Ethylbenzene	**7.8**	0.50	"	"	"	"	"	"	
m,p-Xylene	**4.8**	1.0	"	"	"	"	"	"	
o-Xylene	ND	0.50	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	2.0	"	"	"	"	"	"	
Tert-butyl alcohol	ND	10	"	"	"	"	"	"	

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Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	04/15/11 16:37

LL_MW703_041211_01

T110427-03 (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	1041218	04/12/11	04/13/11	EPA 8260B	
Ethyl tert-butyl ether	ND	2.0	"	"	"	"	"	"	
Methyl tert-butyl ether	**1.4**	1.0	"	"	"	"	"	"	
1,1,2-trichloro-1,2,2-trifluoroethane (CFC 113)	ND	5.0	"	"	"	"	"	"	
Surrogate 4-Bromofluorobenzene		*102 %*	*77.1-110*		"	"	"	"	
Surrogate Dibromofluoromethane		*92.5 %*	*66.3-111*		"	"	"	"	
Surrogate Toluene-d8		*98.9 %*	*84.7-109*		"	"	"	"	

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Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	04/15/11 16:37

TB_041211

T110427-04 (Water)

SunStar Laboratories, Inc.

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	1041218	04/12/11	04/13/11	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	"	"	"	"	"	"	
1,2-Dichloropropane	ND	1.0	"	"	"	"	"	"	
1,3-Dichloropropane	ND	1.0	"	"	"	"	"	"	
2,2-Dichloropropane	ND	1.0	"	"	"	"	"	"	
1,1-Dichloropropene	ND	1.0	"	"	"	"	"	"	

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Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	04/15/11 16:37

TB_041211

T110427-04 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Volatile Organic Compounds by EPA Method 8260B									
cis-1,3-Dichloropropene	ND	0.50	ug/l	1	1041218	04/12/11	04/13/11	EPA 8260B	
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	"	"	"	"	"	"	
Di-isopropyl ether	ND	2.0	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	2.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	1.0	"	"	"	"	"	"	

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Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	04/15/11 16:37

TB_041211

T110427-04 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Volatile Organic Compounds by EPA Method 8260B									
1,1,2-trichloro-1,2,2-trifluoroethane (CFC 113)	ND	5.0	ug/l	1	1041218	04/12/11	04/13/11	EPA 8260B	
Surrogate 4-Bromofluorobenzene		*104 %*		*77.1-110*		"	"	"	
Surrogate Dibromofluoromethane		*91.8 %*		*66.3-111*		"	"	"	
Surrogate Toluene-d8		*99.5 %*		*84.7-109*		"	"	"	

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Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	04/15/11 16:37

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 1041217 - EPA 5030 GC										
Blank (1041217-BLK1)				Prepared: 04/12/11	Analyzed: 04/14/11					
C6-C12 (GRO)	ND	50	ug/l							
Surrogate 4-Bromofluorobenzene	*92.4*		*"*	*100*		*92.4*	*72.6-146*			
LCS (1041217-BS1)				Prepared: 04/12/11	Analyzed: 04/14/11					
C6-C12 (GRO)	5200	50	ug/l	5500		94.6	75-125			
Surrogate 4-Bromofluorobenzene	*100*		*"*	*100*		*100*	*72.6-146*			
LCS Dup (1041217-BSD1)				Prepared: 04/12/11	Analyzed: 04/14/11					
C6-C12 (GRO)	4850	50	ug/l	5500		88.2	75-125	6.99	20	
Surrogate 4-Bromofluorobenzene	*103*		*"*	*100*		*103*	*72.6-146*			

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Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	04/15/11 16:37

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 1041218 - EPA 5030 GCMS										
Blank (1041218-BLK1)				Prepared: 04/12/11 Analyzed: 04/13/11						
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	"							

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Daniel Chavez, Project Manager

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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	04/15/11 16:37

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 1041218 - EPA 5030 GCMS										
Blank (1041218-BLK1)				Prepared: 04/12/11 Analyzed: 04/13/11						
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	*8.42*		*"*	*8.00*		*105*	*77.1-110*			
Surrogate Dibromofluoromethane	*7.88*		*"*	*8.00*		*98.5*	*66.3-111*			
Surrogate Toluene-d8	*7.71*		*"*	*8.00*		*96.4*	*84.7-109*			

SunStar Laboratories, Inc.

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Daniel Chavez, Project Manager

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Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	04/15/11 16:37

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 1041218 - EPA 5030 GCMS										
LCS (1041218-BS1)				Prepared: 04/12/11 Analyzed: 04/13/11						
Chlorobenzene	20.6	1.0	ug/l	20.0		103	75-125			
1,1-Dichloroethene	18.8	1.0	"	20.0		94.2	75-125			
Trichloroethene	20 3	1.0	"	20.0		101	75-125			
Benzene	20.4	0.50	"	20.0		102	75-125			
Toluene	20 5	0.50	"	20.0		103	75-125			
Surrogate 4-Bromofluorobenzene	*8.26*		*"*	*8.00*		*103*	*77.1-110*			
Surrogate Dibromofluoromethane	*7.81*		*"*	*8.00*		*97.6*	*66.3-111*			
Surrogate Toluene-d8	*8.06*		*"*	*8.00*		*101*	*84.7-109*			
LCS Dup (1041218-BSD1)				Prepared: 04/12/11 Analyzed: 04/13/11						
Chlorobenzene	21.4	1.0	ug/l	20.0		107	75-125	3.90	20	
1,1-Dichloroethene	20 3	1.0	"	20.0		101	75-125	7.31	20	
Trichloroethene	20.6	1.0	"	20.0		103	75-125	1.61	20	
Benzene	20.7	0.50	"	20.0		103	75-125	1.36	20	
Toluene	20.7	0.50	"	20.0		104	75-125	1.02	20	
Surrogate 4-Bromofluorobenzene	*8.29*		*"*	*8.00*		*104*	*77.1-110*			
Surrogate Dibromofluoromethane	*7.75*		*"*	*8.00*		*96.9*	*66.3-111*			
Surrogate Toluene-d8	*7.85*		*"*	*8.00*		*98.1*	*84.7-109*			

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PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

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Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	04/15/11 16:37

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.

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Daniel Chavez, Project Manager

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

Chain of Custody Record

Client: Murex Environmental, Inc.
Address: 2640 Walnut Ave, Unit F
Phone: (714) 508-0800 Fax: (714) 508-0880
Project Manager: Jeremy Squire (714) 604-5836

Date: 4-12-2011 Page: 1 Of 1
Project Name: CENCO
Collector: F. Sosic Client Project #: 1003-001-300
Batch #: T110427 EDF #:

Sample ID	Date Sampled	Time	Sample Type	8260 (VOCs NO OXY)	8260 + OXY	1,4-Dioxane	8270 Semi-Volatiles (PAHs, etc)	8021 BTEX	8015M (TPH gasoline)	8015M (TPH diesel)	Hexavalent Chromium (7199)	6010/7000 Title 22 Metals	PCBs				Total # of containers	Comments/Preservative	Laboratory ID #
LL_MW705_041211_01	4-12-2011	1000	GW		X				X								6		01
LL_MW702_041211_01		1321	GW		X				X								6		02
LL_MW703_041211_01		1545	GW		X				X								6		03
TB_041211			Water		X												2		04

Relinquished by: (signature)	Date / Time	Received by: (signat	Date / Time
F. Sosic	4-12-2011 1604		4/12/11 1604
Relinquished by: (signature)	Date / Time	Received by: (signat	Date / Time
Relinquished by: (signature)	Date / Time	Received by: (signat	Date / Time

Total # of containers	20
Chain of Custody seals	✓
Seals intact? Y/N/NA	N/A
Received good condition/cold	Y
Turn around time:	

Notes

1.0

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

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

SAMPLE RECEIVING REVIEW SHEET

BATCH # T110427

Client Name: Murex Project: Cenco

Received by: Dan Date/Time Received: 4/12/11 1604

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 1.2 °C +/- the CF (- 0.2°C) = 1.0 °C corrected temperature

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

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

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

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

* Complete Non-Conformance Receiving Sheet if checked Cooler/Sample Review - Initials and date BC 4/12/11

Comments:

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

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19 April 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 04/13/11 16:25. 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
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Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	04/19/11 15:46

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
LL_MW704_041311_01	T110445-01	Water	04/13/11 12:30	04/13/11 16:25
LL_EW1_041311_01	T110445-02	Water	04/13/11 15:45	04/13/11 16:25
TB_041311	T110445-03	Water	04/13/11 00:00	04/13/11 16:25

SunStar Laboratories, Inc.

Daniel J Chávez

Daniel Chavez, Project Manager

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Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	04/19/11 15:46

LL_MW704_041311_01
T110445-01 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Purgeable Petroleum Hydrocarbons by EPA 8015C									
C6-C12 (GRO)	**5400**	50	ug/l	1	1041421	04/14/11	04/19/11	EPA 8015C	
Surrogate 4-Bromofluorobenzene		*101 %*	*72.6-146*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B									
Bromobenzene	ND	1.0	ug/l	1	1041419	04/14/11	04/15/11	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	**11**	1.0	"	"	"	"	"	"	
tert-Butylbenzene	**1.9**	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	**6.0**	1.0	"	"	"	"	"	"	
1,2-Dichloroethane	**7.0**	0.50	"	"	"	"	"	"	
1,1-Dichloroethene	ND	1.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	**5.6**	1.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	

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Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	04/19/11 15:46

LL_MW704_041311_01

T110445-01 (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	1041419	04/14/11	04/15/11	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	**46**	1.0	"	"	"	"	"	"	
p-Isopropyltoluene	**13**	1.0	"	"	"	"	"	"	
Methylene chloride	ND	1.0	"	"	"	"	"	"	
Naphthalene	**38**	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	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	**2.0**	1.0	"	"	"	"	"	"	
Benzene	**170**	12	"	25	"	"	04/15/11	"	
Toluene	**110**	12	"	"	"	"	"	"	
Ethylbenzene	**200**	12	"	"	"	"	"	"	
m,p-Xylene	**190**	25	"	"	"	"	"	"	
o-Xylene	**68**	12	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	2.0	"	1	"	"	04/15/11	"	
Tert-butyl alcohol	ND	10	"	"	"	"	"	"	

SunStar Laboratories, Inc.

Daniel J Chavez

Daniel Chavez, Project Manager

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Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	04/19/11 15:46

LL_MW704_041311_01

T110445-01 (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	1041419	04/14/11	04/15/11	EPA 8260B	
Ethyl tert-butyl ether	ND	2.0	"	"	"	"	"	"	
Methyl tert-butyl ether	**73**	1.0	"	"	"	"	"	"	
1,1,2-trichloro-1,2,2-trifluoroethane (CFC 113)	ND	5.0	"	"	"	"	"	"	
Surrogate Toluene-d8		*104 %*	*84.7-109*		"	"	"	"	
Surrogate 4-Bromofluorobenzene		*86.2 %*	*83.5-119*		"	"	"	"	
Surrogate Dibromofluoromethane		*105 %*	*81.1-136*		"	"	"	"	

SunStar Laboratories, Inc.

Daniel J Chávez

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Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	04/19/11 15:46

LL_EW1_041311_01

T110445-02 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Purgeable Petroleum Hydrocarbons by EPA 8015C									
C6-C12 (GRO)	**4700**	50	ug/l	1	1041421	04/14/11	04/19/11	EPA 8015C	
Surrogate 4-Bromofluorobenzene		*103 %*	*72.6-146*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B									
Bromobenzene	ND	1.0	ug/l	1	1041419	04/14/11	04/15/11	EPA 8260B	
Bromochloromethane	ND	1.0	"	"	"	"	"	"	
Bromodichloromethane	ND	1.0	"	"	"	"	"	"	
Bromoform	ND	1.0	"	"	"	"	"	"	
Bromomethane	ND	1.0	"	"	"	"	"	"	
n-Butylbenzene	**24**	1.0	"	"	"	"	"	"	
sec-Butylbenzene	**50**	1.0	"	"	"	"	"	"	
tert-Butylbenzene	**6.1**	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	**8.6**	1.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	**8.9**	1.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	1.0	"	"	"	"	"	"	

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Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	04/19/11 15:46

LL_EW1_041311_01

T110445-02 (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	1041419	04/14/11	04/15/11	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	**210**	25	"	25	"	"	"	"	
p-Isopropyltoluene	**3.0**	1.0	"	1	"	"	"	"	
Methylene chloride	ND	1.0	"	"	"	"	"	"	
Naphthalene	**67**	1.0	"	"	"	"	"	"	
n-Propylbenzene	**200**	25	"	25	"	"	"	"	
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	**3.7**	1.0	"	"	"	"	"	"	
Trichlorofluoromethane	ND	1.0	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	1.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	1.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	**1.9**	1.0	"	"	"	"	"	"	
Vinyl chloride	ND	1.0	"	"	"	"	"	"	
Benzene	**29**	0.50	"	"	"	"	"	"	
Toluene	**3.2**	0.50	"	"	"	"	"	"	
Ethylbenzene	**51**	0.50	"	"	"	"	"	"	
m,p-Xylene	**28**	1.0	"	"	"	"	"	"	
o-Xylene	**0.74**	0.50	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	2.0	"	"	"	"	"	"	
Tert-butyl alcohol	ND	10	"	"	"	"	"	"	
Di-isopropyl ether	ND	2.0	"	"	"	"	"	"	

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Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	04/19/11 15:46

LL_EW1_041311_01

T110445-02 (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	1041419	04/14/11	04/15/11	EPA 8260B	
Methyl tert-butyl ether	ND	1.0	"	"	"	"	"	"	
1,1,2-trichloro-1,2,2-trifluoroethane (CFC 113)	ND	5.0	"	"	"	"	"	"	
Surrogate Toluene-d8		*112 %*	*84.7-109*		"	"	"	"	*S-GC*
Surrogate 4-Bromofluorobenzene		*301 %*	*83.5-119*		"	"	"	"	*S-GC*
Surrogate Dibromofluoromethane		*104 %*	*81.1-136*		"	"	"	"	

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Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	04/19/11 15:46

TB_041311

T110445-03 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Volatile Organic Compounds by EPA Method 8260B									
Bromobenzene	ND	1.0	ug/l	1	1041419	04/14/11	04/15/11	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	"	"	"	"	"	"	
1,2-Dichloropropane	ND	1.0	"	"	"	"	"	"	
1,3-Dichloropropane	ND	1.0	"	"	"	"	"	"	
2,2-Dichloropropane	ND	1.0	"	"	"	"	"	"	
1,1-Dichloropropene	ND	1.0	"	"	"	"	"	"	

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Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	04/19/11 15:46

TB_041311

T110445-03 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Volatile Organic Compounds by EPA Method 8260B									
cis-1,3-Dichloropropene	ND	0.50	ug/l	1	1041419	04/14/11	04/15/11	EPA 8260B	
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	"	"	"	"	"	"	
Di-isopropyl ether	ND	2.0	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	2.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	1.0	"	"	"	"	"	"	

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Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	04/19/11 15:46

TB_041311

T110445-03 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Volatile Organic Compounds by EPA Method 8260B									
1,1,2-trichloro-1,2,2-trifluoroethane (CFC 113)	ND	5.0	ug/l	1	1041419	04/14/11	04/15/11	EPA 8260B	
Surrogate Toluene-d8		*105 %*	*84.7-109*		"	"	"	"	
Surrogate 4-Bromofluorobenzene		*99.6 %*	*83.5-119*		"	"	"	"	
Surrogate Dibromofluoromethane		*106 %*	*81.1-136*		"	"	"	"	

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Daniel J Chávez

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2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	04/19/11 15:46

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 1041421 - EPA 5030 GC										
Blank (1041421-BLK1)				Prepared: 04/14/11	Analyzed: 04/19/11					
C6-C12 (GRO)	ND	50	ug/l							
Surrogate 4-Bromofluorobenzene	*115*		*"*	*100*		*115*	*72.6-146*			
LCS (1041421-BS1)				Prepared: 04/14/11	Analyzed: 04/19/11					
C6-C12 (GRO)	5480	50	ug/l	5500		99.6	75-125			
Surrogate 4-Bromofluorobenzene	*109*		*"*	*100*		*109*	*72.6-146*			
LCS Dup (1041421-BSD1)				Prepared: 04/14/11	Analyzed: 04/19/11					
C6-C12 (GRO)	5210	50	ug/l	5500		94.7	75-125	5.06	20	
Surrogate 4-Bromofluorobenzene	*100*		*"*	*100*		*100*	*72.6-146*			

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Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	04/19/11 15:46

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 1041419 - EPA 5030 GCMS										
Blank (1041419-BLK1)				Prepared: 04/14/11 Analyzed: 04/15/11						
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	"							

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Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	04/19/11 15:46

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 1041419 - EPA 5030 GCMS										
Blank (1041419-BLK1)				Prepared: 04/14/11 Analyzed: 04/15/11						
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 Toluene-d8	*8.47*		*"*	*8.00*		*106*	*84.7-109*			
Surrogate 4-Bromofluorobenzene	*7.73*		*"*	*8.00*		*96.6*	*83.5-119*			
Surrogate Dibromofluoromethane	*8.71*		*"*	*8.00*		*109*	*81.1-136*			

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Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	04/19/11 15:46

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 1041419 - EPA 5030 GCMS										
LCS (1041419-BS1)				Prepared: 04/14/11	Analyzed: 04/15/11					
Chlorobenzene	17.7	1.0	ug/l	20.0		88.6	75-125			
1,1-Dichloroethene	19.7	1.0	"	20.0		98.4	75-125			
Trichloroethene	19 2	1.0	"	20.0		96.2	75-125			
Benzene	20 5	0.50	"	20.0		102	75-125			
Toluene	19.4	0.50	"	20.0		96.9	75-125			
Surrogate Toluene-d8	*8.37*		*"*	*8.00*		*105*	*84.7-109*			
Surrogate 4-Bromofluorobenzene	*8.04*		*"*	*8.00*		*100*	*83.5-119*			
Surrogate Dibromofluoromethane	*8.49*		*"*	*8.00*		*106*	*81.1-136*			
LCS Dup (1041419-BSD1)				Prepared: 04/14/11	Analyzed: 04/15/11					
Chlorobenzene	18.8	1.0	ug/l	20.0		94.0	75-125	6.02	20	
1,1-Dichloroethene	19.7	1.0	"	20.0		98.4	75-125	0.102	20	
Trichloroethene	21 3	1.0	"	20.0		106	75-125	9.97	20	
Benzene	21.4	0.50	"	20.0		107	75-125	4.49	20	
Toluene	20.0	0.50	"	20.0		100	75-125	3.10	20	
Surrogate Toluene-d8	*8.19*		*"*	*8.00*		*102*	*84.7-109*			
Surrogate 4-Bromofluorobenzene	*8.19*		*"*	*8.00*		*102*	*83.5-119*			
Surrogate Dibromofluoromethane	*8.68*		*"*	*8.00*		*108*	*81.1-136*			

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Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	04/19/11 15:46

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

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25712 Commercentre Dr
Lake Forest, CA 92630
949-297-5020

Chain of Custody Record

Client: Murex Environmental, Inc.
Address: 2640 Walnut Ave, Unit F
Phone: (714) 508-0800 Fax: (714) 508-0880
Project Manager: Jeremy Squire (714) 604-5836

Date: 4-13-2011 Page: 1 Of 1
Project Name: CENCO
Collector: F. Sosic Client Project #: 1003-001-300
Batch #: T110445 EDF #:

Sample ID	Date Sampled	Time	Sample Type	8260 (VOCs NO OXY)	8260 + OXY	1,4-Dioxane	8270 Semi-Volatiles (PAHs, etc)	8021 BTEX	8015M (TPH gasoline)	8015M (TPH diesel)	Hexavalent Chromium (7199)	6010/7000 Title 22 Metals	PCBs				Total # of containers	Comments/Preservative	Laboratory ID #
LL_MW704_041311_01	4-13-2011	1230	GW		X				X								6		01
LL_EW1_041311_01	4-13-2011	1545	GW		X				X								6		02
TB_041311			Water		X												2		03

Relinquished by: (signature)	Date / Time	Received by: (signat	Date / Time
F. Sosic	4-13-2011 1625		4/13/11 1625
Relinquished by: (signature)	Date / Time	Received by: (signat	Date / Time
Relinquished by: (signature)	Date / Time	Received by: (signat	Date / Time

Total # of containers	14
Chain of Custody seals	✓
Seals intact? Y/N/NA	✓/A
Received good condition/cold	Y
Turn around time:	

Notes: 4.2°

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

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

SAMPLE RECEIVING REVIEW SHEET

BATCH # T110445

Client Name: Murex Project: Cenco

Received by: Dan M Date/Time Received: 4/13/11 1625

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 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 [illegible] 4/14/11

Comments:

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Lake Forest, California 92630
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20 April 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 04/14/11 16:19. 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

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Lake Forest, California 92630
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Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	04/20/11 16:55

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
LL_MW104A_041411_01	T110456-01	Water	04/14/11 08:00	04/14/11 16:19
LL_W9_041411_01	T110456-02	Water	04/14/11 08:36	04/14/11 16:19
LL_W7_041411_01	T110456-03	Water	04/14/11 09:50	04/14/11 16:19
LL_W1_041411_01	T110456-04	Water	04/14/11 14:55	04/14/11 16:19
LL_W4_041411_01	T110456-05	Water	04/14/11 15:15	04/14/11 16:19
TB_041411	T110456-06	Water	04/14/11 00:00	04/14/11 16:19

SunStar Laboratories, Inc.

Daniel J Chávez

Daniel Chavez, Project Manager

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Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	04/20/11 16:55

LL_MW104A_041411_01
T110456-01 (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	1041512	04/15/11	04/19/11	EPA 8015C	
Surrogate 4-Bromofluorobenzene		*101 %*	*72.6-146*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B									
Bromobenzene	ND	1.0	ug/l	1	1041514	04/15/11	04/16/11	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	**6.4**	1.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	

SunStar Laboratories, Inc.

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Daniel Chavez, Project Manager

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Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	04/20/11 16:55

LL_MW104A_041411_01

T110456-01 (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	1041514	04/15/11	04/16/11	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	**1.0**	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

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Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	04/20/11 16:55

LL_MW104A_041411_01

T110456-01 (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	1041514	04/15/11	04/16/11	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		*126 %*	*66.3-111*		"	"	"	"	*S-GC*
Surrogate Toluene-d8		*95.1 %*	*84.7-109*		"	"	"	"	

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Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	04/20/11 16:55

LL_W9_041411_01

T110456-02 (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	1041512	04/15/11	04/19/11	EPA 8015C	
Surrogate 4-Bromofluorobenzene		*86.2 %*	*72.6-146*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B									
Bromobenzene	ND	1.0	ug/l	1	1041514	04/15/11	04/16/11	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	**5.9**	1.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	

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Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	04/20/11 16:55

LL_W9_041411_01

T110456-02 (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	1041514	04/15/11	04/16/11	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

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Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	04/20/11 16:55

LL_W9_041411_01

T110456-02 (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	1041514	04/15/11	04/16/11	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		*100 %*	*77.1-110*		"	"	"	"	
Surrogate Dibromofluoromethane		*137 %*	*66.3-111*		"	"	"	"	*S-GC*
Surrogate Toluene-d8		*92.4 %*	*84.7-109*		"	"	"	"	

SunStar Laboratories, Inc.

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Daniel Chavez, Project Manager

SunStar Laboratories, Inc.
Providing Quality Analytical Services Nationwide

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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	04/20/11 16:55

LL_W7_041411_01

T110456-03 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Purgeable Petroleum Hydrocarbons by EPA 8015C									
C6-C12 (GRO)	ND	50	ug/l	1	1041512	04/15/11	04/19/11	EPA 8015C	
Surrogate 4-Bromofluorobenzene		*80.8 %*	*72.6-146*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B									
Bromobenzene	ND	1.0	ug/l	1	1041514	04/15/11	04/16/11	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	**2.8**	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	"	"	"	"	"	"	

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Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	04/20/11 16:55

LL_W7_041411_01

T110456-03 (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	1041514	04/15/11	04/16/11	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	**0.55**	0.50	"	"	"	"	"	"	
Ethylbenzene	**0.51**	0.50	"	"	"	"	"	"	
m,p-Xylene	ND	1.0	"	"	"	"	"	"	
o-Xylene	**0.57**	0.50	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	2.0	"	"	"	"	"	"	

SunStar Laboratories, Inc.

Daniel J Chavez

Daniel Chavez, Project Manager

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Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	04/20/11 16:55

LL_W7_041411_01

T110456-03 (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	1041514	04/15/11	04/16/11	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		*96.9 %*	*77.1-110*		"	"	"	"	
Surrogate Dibromofluoromethane		*109 %*	*66.3-111*		"	"	"	"	
Surrogate Toluene-d8		*97.0 %*	*84.7-109*		"	"	"	"	

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Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	04/20/11 16:55

LL_W1_041411_01

T110456-04 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Purgeable Petroleum Hydrocarbons by EPA 8015C									
C6-C12 (GRO)	**150**	50	ug/l	1	1041512	04/15/11	04/19/11	EPA 8015C	
Surrogate 4-Bromofluorobenzene		*92.8 %*	*72.6-146*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B									
Bromobenzene	ND	1.0	ug/l	1	1041514	04/15/11	04/16/11	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	"	"	"	"	"	"	

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Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	04/20/11 16:55

LL_W1_041411_01

T110456-04 (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	1041514	04/15/11	04/16/11	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	**1.5**	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	**1.4**	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	"	"	"	"	"	"	

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Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	04/20/11 16:55

LL_W1_041411_01

T110456-04 (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	1041514	04/15/11	04/16/11	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		*95.9 %*	*77.1-110*		"	"	"	"	
Surrogate Dibromofluoromethane		*120 %*	*66.3-111*		"	"	"	"	*S-GC*
Surrogate Toluene-d8		*96.6 %*	*84.7-109*		"	"	"	"	

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Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	04/20/11 16:55

LL_W4_041411_01

T110456-05 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Purgeable Petroleum Hydrocarbons by EPA 8015C									
C6-C12 (GRO)	**1400**	50	ug/l	1	1041512	04/15/11	04/19/11	EPA 8015C	
Surrogate 4-Bromofluorobenzene		*92.8 %*	*72.6-146*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B									
Bromobenzene	ND	1.0	ug/l	1	1041514	04/15/11	04/16/11	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	**2.5**	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	**1.2**	1.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	1.0	"	"	"	"	"	"	

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Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	04/20/11 16:55

LL_W4_041411_01

T110456-05 (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	1041514	04/15/11	04/16/11	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	**22**	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	ND	1.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	1.0	"	"	"	"	"	"	
Vinyl chloride	**11**	1.0	"	"	"	"	"	"	
Benzene	**460**	12	"	25	"	"	04/18/11	"	
Toluene	**0.59**	0.50	"	1	"	"	04/16/11	"	
Ethylbenzene	**1.2**	0.50	"	"	"	"	"	"	
m,p-Xylene	ND	1.0	"	"	"	"	"	"	
o-Xylene	ND	0.50	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	2.0	"	"	"	"	"	"	
Tert-butyl alcohol	**38**	10	"	"	"	"	"	"	

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Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	04/20/11 16:55

LL_W4_041411_01

T110456-05 (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	1041514	04/15/11	04/16/11	EPA 8260B	
Ethyl tert-butyl ether	ND	2.0	"	"	"	"	"	"	
Methyl tert-butyl ether	**1.1**	1.0	"	"	"	"	"	"	
1,1,2-trichloro-1,2,2-trifluoroethane (CFC 113)	ND	5.0	"	"	"	"	"	"	
Surrogate 4-Bromofluorobenzene		*97.4 %*		*77.1-110*	"	"	"	"	
Surrogate Dibromofluoromethane		*122 %*		*66.3-111*	"	"	"	"	*S-GC*
Surrogate Toluene-d8		*95.1 %*		*84.7-109*	"	"	"	"	

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Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	04/20/11 16:55

TB_041411

T110456-06 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Volatile Organic Compounds by EPA Method 8260B									
Bromobenzene	ND	1.0	ug/l	1	1041514	04/15/11	04/18/11	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	"	"	"	"	"	"	
1,2-Dichloropropane	ND	1.0	"	"	"	"	"	"	
1,3-Dichloropropane	ND	1.0	"	"	"	"	"	"	
2,2-Dichloropropane	ND	1.0	"	"	"	"	"	"	
1,1-Dichloropropene	ND	1.0	"	"	"	"	"	"	

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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	04/20/11 16:55

TB_041411

T110456-06 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Volatile Organic Compounds by EPA Method 8260B									
cis-1,3-Dichloropropene	ND	0.50	ug/l	1	1041514	04/15/11	04/18/11	EPA 8260B	
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	"	"	"	"	"	"	
Di-isopropyl ether	ND	2.0	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	2.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	1.0	"	"	"	"	"	"	

SunStar Laboratories, Inc.

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Daniel Chavez, Project Manager

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PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

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Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	04/20/11 16:55

TB_041411

T110456-06 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Volatile Organic Compounds by EPA Method 8260B									
1,1,2-trichloro-1,2,2-trifluoroethane (CFC 113)	ND	5.0	ug/l	1	1041514	04/15/11	04/18/11	EPA 8260B	
Surrogate 4-Bromofluorobenzene		*101 %*	*77.1-110*		"	"	"	"	
Surrogate Dibromofluoromethane		*92.6 %*	*66.3-111*		"	"	"	"	
Surrogate Toluene-d8		*95.8 %*	*84.7-109*		"	"	"	"	

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Daniel Chavez, Project Manager

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Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	04/20/11 16:55

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 1041512 - EPA 5030 GC										
Blank (1041512-BLK1)				Prepared: 04/15/11		Analyzed: 04/19/11				
C6-C12 (GRO)	ND	50	ug/l							
Surrogate 4-Bromofluorobenzene	*88.7*		*"*	*100*		*88.7*	*72.6-146*			
LCS (1041512-BS1)				Prepared: 04/15/11		Analyzed: 04/19/11				
C6-C12 (GRO)	5220	50	ug/l	5500		94.9	75-125			
Surrogate 4-Bromofluorobenzene	*91.5*		*"*	*100*		*91.5*	*72.6-146*			
Matrix Spike (1041512-MS1)		**Source: T110456-01**		Prepared: 04/15/11		Analyzed: 04/19/11				
C6-C12 (GRO)	4870	50	ug/l	5500	17.6	88.2	65-135			
Surrogate 4-Bromofluorobenzene	*99.1*		*"*	*100*		*99.1*	*72.6-146*			
Matrix Spike Dup (1041512-MSD1)		**Source: T110456-01**		Prepared: 04/15/11		Analyzed: 04/19/11				
C6-C12 (GRO)	5080	50	ug/l	5500	17.6	92.1	65-135	4.30	20	
Surrogate 4-Bromofluorobenzene	*104*		*"*	*100*		*104*	*72.6-146*			

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Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	04/20/11 16:55

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 1041514 - EPA 5030 GCMS										
Blank (1041514-BLK1)				Prepared: 04/15/11 Analyzed: 04/16/11						
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	"							

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Daniel Chavez, Project Manager

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Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	04/20/11 16:55

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 1041514 - EPA 5030 GCMS										
Blank (1041514-BLK1)				Prepared: 04/15/11 Analyzed: 04/16/11						
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	*7.58*		*"*	*8.00*		*94.8*	*77.1-110*			
Surrogate Dibromofluoromethane	*8.17*		*"*	*8.00*		*102*	*66.3-111*			
Surrogate Toluene-d8	*7.68*		*"*	*8.00*		*96.0*	*84.7-109*			

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Daniel Chavez, Project Manager

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Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	04/20/11 16:55

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 1041514 - EPA 5030 GCMS										
LCS (1041514-BS1)				Prepared: 04/15/11	Analyzed: 04/16/11					
Chlorobenzene	19.0	1.0	ug/l	20.0		95.0	75-125			
1,1-Dichloroethene	19 3	1.0	"	20.0		96.6	75-125			
Trichloroethene	23.0	1.0	"	20.0		115	75-125			
Benzene	20.8	0.50	"	20.0		104	75-125			
Toluene	17 9	0.50	"	20.0		89.7	75-125			
Surrogate 4-Bromofluorobenzene	*7.41*		*"*	*8.00*		*92.6*	*77.1-110*			
Surrogate Dibromofluoromethane	*9.28*		*"*	*8.00*		*116*	*66.3-111*			*S-GC*
Surrogate Toluene-d8	*7.57*		*"*	*8.00*		*94.6*	*84.7-109*			
LCS Dup (1041514-BSD1)				Prepared: 04/15/11	Analyzed: 04/16/11					
Chlorobenzene	19 1	1.0	ug/l	20.0		95.4	75-125	0.420	20	
1,1-Dichloroethene	23 5	1.0	"	20.0		117	75-125	19.4	20	
Trichloroethene	21 5	1.0	"	20.0		108	75-125	6.47	20	
Benzene	20 2	0.50	"	20.0		101	75-125	2.88	20	
Toluene	19 1	0.50	"	20.0		95.6	75-125	6.32	20	
Surrogate 4-Bromofluorobenzene	*7.07*		*"*	*8.00*		*88.4*	*77.1-110*			
Surrogate Dibromofluoromethane	*10.3*		*"*	*8.00*		*129*	*66.3-111*			*S-GC*
Surrogate Toluene-d8	*7.17*		*"*	*8.00*		*89.6*	*84.7-109*			

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PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

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Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	04/20/11 16:55

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

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

Chain of Custody Record

Client: Murex Environmental Inc.
Address: 2640 Walnut Ave, Suite F, Tustin, CA
Phone: (714) 508-0800 Fax: (714) 508-0880
Project Manager:

Date: 4.14.2011 Page: 1 Of 1
Project Name: CENCO
Collector: F. Sosic Client Project #: 1003-001-300
Batch #: T110456 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_MW104A_041411_01	4.14.2011	8:00	GW	VOA		X				X								01		6
LL_W9_041411_01		8:36				X				X								02		6
LL_W7_041411_01		9:50				X				X								03		6
LL_W1_041411_01		14:55				X				X								04		6
LL_W4_041411_01		15:15				X				X								05		6
TB_041411						X												06		2

Relinquished by: (signature)	Date / Time	Received by: (signature)	Date / Time
[signature]	4.14.2011 1619	[signature]	4/14/11 1619
Relinquished by: (signature)	Date / Time	Received by: (signature)	Date / Time
Relinquished by: (signature)	Date / Time	Received by: (signature)	Date / Time

Total # of containers	32
Chain of Custody seals Y/N/NA	N
Seals intact? Y/N/NA	N/A
Received good condition/cold	Y 1.2°

Turn around time:

Notes

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

COC 102656

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

SAMPLE RECEIVING REVIEW SHEET

BATCH # T110456

Client Name: MUREX

Project: CENCO

Received by: DAN

Date/Time Received: 4/14/11 1619

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 1.4 °C +/- the CF (- 0.2°C) = 1.2 °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 4/15/11

Comments:

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

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21 April 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 04/15/11 16:48. 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

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Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	04/21/11 16:02

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
LL_W11_041511_01	T110463-01	Water	04/15/11 10:30	04/15/11 16:48
LL_MW503B_041511_01	T110463-02	Water	04/15/11 15:30	04/15/11 16:48
LL_MW503B_041511_02	T110463-03	Water	04/15/11 15:44	04/15/11 16:48
TB_041511	T110463-04	Water	04/15/11 00:00	04/15/11 16:48

SunStar Laboratories, Inc.

Daniel J Chávez

Daniel Chavez, Project Manager

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Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	04/21/11 16:02

LL_W11_041511_01

T110463-01 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Purgeable Petroleum Hydrocarbons by EPA 8015C									
C6-C12 (GRO)	**6300**	50	ug/l	1	1041907	04/19/11	04/20/11	EPA 8015C	
Surrogate 4-Bromofluorobenzene		*85.3 %*	*72.6-146*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B									
Bromobenzene	ND	1.0	ug/l	1	1041802	04/18/11	04/18/11	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	**3.8**	1.0	"	"	"	"	"	"	
tert-Butylbenzene	**2.5**	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	"	"	"	"	"	"	

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Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	04/21/11 16:02

LL_W11_041511_01

T110463-01 (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	1041802	04/18/11	04/18/11	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	**16**	1.0	"	"	"	"	"	"	
p-Isopropyltoluene	**7.0**	1.0	"	"	"	"	"	"	
Methylene chloride	ND	1.0	"	"	"	"	"	"	
Naphthalene	**3.4**	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	"	"	"	"	04/19/11	"	
1,3,5-Trimethylbenzene	**280**	50	"	50	"	"	"	"	
1,2,4-Trimethylbenzene	**83**	1.0	"	1	"	"	04/18/11	"	
Vinyl chloride	ND	1.0	"	"	"	"	"	"	
Benzene	**410**	25	"	50	"	"	04/19/11	"	
Toluene	**15**	0.50	"	1	"	"	04/18/11	"	
Ethylbenzene	**50**	0.50	"	"	"	"	"	"	
m,p-Xylene	**390**	50	"	50	"	"	04/19/11	"	
o-Xylene	**18**	0.50	"	1	"	"	04/18/11	"	
Tert-amyl methyl ether	ND	2.0	"	"	"	"	"	"	
Tert-butyl alcohol	ND	10	"	"	"	"	"	"	

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Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	04/21/11 16:02

LL_W11_041511_01

T110463-01 (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	1041802	04/18/11	04/18/11	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		*107 %*	*77.1-110*		"	"	"	"	
Surrogate Dibromofluoromethane		*107 %*	*66.3-111*		"	"	"	"	
Surrogate Toluene-d8		*106 %*	*84.7-109*		"	"	"	"	

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Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	04/21/11 16:02

LL_MW503B_041511_01

T110463-02 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Purgeable Petroleum Hydrocarbons by EPA 8015C									**QM-01**
C6-C12 (GRO)	**41000**	50	ug/l	1	1041907	04/19/11	04/20/11	EPA 8015C	
Surrogate 4-Bromofluorobenzene		*587 %*	*72.6-146*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B									
Bromobenzene	ND	1.0	ug/l	1	1041802	04/18/11	04/18/11	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	**18**	1.0	"	"	"	"	"	"	
tert-Butylbenzene	**1.1**	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	**1.4**	1.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	1.0	"	"	"	"	"	"	

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Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	04/21/11 16:02

LL_MW503B_041511_01

T110463-02 (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	1041802	04/18/11	04/18/11	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	**56**	1.0	"	"	"	"	"	"	
p-Isopropyltoluene	**11**	1.0	"	"	"	"	"	"	
Methylene chloride	ND	1.0	"	"	"	"	"	"	
Naphthalene	**370**	50	"	50	"	"	04/20/11	"	
n-Propylbenzene	**280**	50	"	"	"	"	"	"	
Styrene	ND	1.0	"	1	"	"	04/18/11	"	
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	**640**	50	"	50	"	"	04/20/11	"	
1,2,4-Trimethylbenzene	**2100**	50	"	"	"	"	"	"	
Vinyl chloride	**8.0**	1.0	"	1	"	"	04/18/11	"	
Benzene	**3400**	25	"	50	"	"	04/20/11	"	
Toluene	**3200**	25	"	"	"	"	"	"	
Ethylbenzene	**1800**	25	"	"	"	"	"	"	
m,p-Xylene	**7200**	50	"	"	"	"	"	"	
o-Xylene	**2600**	25	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	2.0	"	1	"	"	04/18/11	"	
Tert-butyl alcohol	**63**	10	"	"	"	"	"	"	
Di-isopropyl ether	ND	2.0	"	"	"	"	"	"	

SunStar Laboratories, Inc.

Daniel J Chavez

Daniel Chavez, Project Manager

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Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	04/21/11 16:02

LL_MW503B_041511_01

T110463-02 (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	1041802	04/18/11	04/18/11	EPA 8260B	
Methyl tert-butyl ether	**9.1**	1.0	"	"	"	"	"	"	
1,1,2-trichloro-1,2,2-trifluoroethane (CFC 113)	ND	5.0	"	"	"	"	"	"	
Surrogate 4-Bromofluorobenzene		*81.8 %*	*77.1-110*		"	"	"	"	
Surrogate Dibromofluoromethane		*87.9 %*	*66.3-111*		"	"	"	"	
Surrogate Toluene-d8		*108 %*	*84.7-109*		"	"	"	"	

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Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	04/21/11 16:02

LL_MW503B_041511_02

T110463-03 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Purgeable Petroleum Hydrocarbons by EPA 8015C									**QM-01**
C6-C12 (GRO)	**39000**	50	ug/l	1	1041907	04/19/11	04/20/11	EPA 8015C	
Surrogate 4-Bromofluorobenzene		*603 %*	*72.6-146*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B									
Bromobenzene	ND	1.0	ug/l	1	1041802	04/18/11	04/18/11	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	**21**	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	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	**1.5**	1.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	1.0	"	"	"	"	"	"	

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Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	04/21/11 16:02

LL_MW503B_041511_02

T110463-03 (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	1041802	04/18/11	04/18/11	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	**63**	1.0	"	"	"	"	"	"	
p-Isopropyltoluene	**13**	1.0	"	"	"	"	"	"	
Methylene chloride	ND	1.0	"	"	"	"	"	"	
Naphthalene	**260**	25	"	25	"	"	04/19/11	"	
n-Propylbenzene	**270**	25	"	"	"	"	"	"	
Styrene	ND	1.0	"	1	"	"	04/18/11	"	
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	**620**	25	"	25	"	"	04/19/11	"	
1,2,4-Trimethylbenzene	**1800**	25	"	"	"	"	"	"	
Vinyl chloride	**6.9**	1.0	"	1	"	"	04/18/11	"	
Benzene	**2200**	12	"	25	"	"	04/19/11	"	
Toluene	**2500**	12	"	"	"	"	"	"	
Ethylbenzene	**1400**	12	"	"	"	"	"	"	
m,p-Xylene	**5200**	25	"	"	"	"	"	"	
o-Xylene	**2000**	12	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	2.0	"	1	"	"	04/18/11	"	
Tert-butyl alcohol	**64**	10	"	"	"	"	"	"	
Di-isopropyl ether	ND	2.0	"	"	"	"	"	"	

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Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	04/21/11 16:02

LL_MW503B_041511_02

T110463-03 (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	1041802	04/18/11	04/18/11	EPA 8260B	
Methyl tert-butyl ether	**9.0**	1.0	"	"	"	"	"	"	
1,1,2-trichloro-1,2,2-trifluoroethane (CFC 113)	ND	5.0	"	"	"	"	"	"	
Surrogate 4-Bromofluorobenzene		*87.1 %*	*77.1-110*		"	"	"	"	
Surrogate Dibromofluoromethane		*83.0 %*	*66.3-111*		"	"	"	"	
Surrogate Toluene-d8		*103 %*	*84.7-109*		"	"	"	"	

SunStar Laboratories, Inc.

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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	04/21/11 16:02

TB_041511

T110463-04 (Water)

SunStar Laboratories, Inc.

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	1041802	04/18/11	04/20/11	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	"	"	"	"	"	"	
1,2-Dichloropropane	ND	1.0	"	"	"	"	"	"	
1,3-Dichloropropane	ND	1.0	"	"	"	"	"	"	
2,2-Dichloropropane	ND	1.0	"	"	"	"	"	"	
1,1-Dichloropropene	ND	1.0	"	"	"	"	"	"	

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Daniel Chavez, Project Manager

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Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	04/21/11 16:02

TB_041511

T110463-04 (Water)

SunStar Laboratories, Inc.

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
cis-1,3-Dichloropropene	ND	0.50	ug/l	1	1041802	04/18/11	04/20/11	EPA 8260B	
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	"	"	"	"	"	"	
Di-isopropyl ether	ND	2.0	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	2.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	1.0	"	"	"	"	"	"	

SunStar Laboratories, Inc.

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Daniel Chavez, Project Manager

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

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Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	04/21/11 16:02

TB_041511

T110463-04 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Volatile Organic Compounds by EPA Method 8260B									
1,1,2-trichloro-1,2,2-trifluoroethane (CFC 113)	ND	5.0	ug/l	1	1041802	04/18/11	04/20/11	EPA 8260B	
Surrogate 4-Bromofluorobenzene		*88.4 %*	*77.1-110*		"	"	"	"	
Surrogate Dibromofluoromethane		*86.0 %*	*66.3-111*		"	"	"	"	
Surrogate Toluene-d8		*105 %*	*84.7-109*		"	"	"	"	

SunStar Laboratories, Inc.

Daniel J Chávez

Daniel Chavez, Project Manager

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Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	04/21/11 16:02

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 1041907 - EPA 5030 GC										
Blank (1041907-BLK1)				Prepared: 04/19/11	Analyzed: 04/20/11					
C6-C12 (GRO)	ND	50	ug/l							
Surrogate 4-Bromofluorobenzene	*115*		*"*	*100*		*115*	*72.6-146*			
LCS (1041907-BS1)				Prepared: 04/19/11	Analyzed: 04/20/11					
C6-C12 (GRO)	5680	50	ug/l	5500		103	75-125			
Surrogate 4-Bromofluorobenzene	*93.9*		*"*	*100*		*93.9*	*72.6-146*			
Matrix Spike (1041907-MS1)		**Source: T110466-01**		Prepared: 04/19/11	Analyzed: 04/20/11					
C6-C12 (GRO)	5740	50	ug/l	5500	518	95.0	65-135			
Surrogate 4-Bromofluorobenzene	*110*		*"*	*100*		*110*	*72.6-146*			
Matrix Spike Dup (1041907-MSD1)		**Source: T110466-01**		Prepared: 04/19/11	Analyzed: 04/20/11					
C6-C12 (GRO)	5700	50	ug/l	5500	518	94.1	65-135	0.828	20	
Surrogate 4-Bromofluorobenzene	*102*		*"*	*100*		*102*	*72.6-146*			

SunStar Laboratories, Inc.

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Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	04/21/11 16:02

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 1041802 - EPA 5030 GCMS										
Blank (1041802-BLK1)				Prepared & Analyzed: 04/18/11						
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	"							

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Daniel Chavez, Project Manager

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Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	04/21/11 16:02

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 1041802 - EPA 5030 GCMS										
Blank (1041802-BLK1)				Prepared & Analyzed: 04/18/11						
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	*7.54*		*"*	*8.00*		*94.2*	*77.1-110*			
Surrogate Dibromofluoromethane	*7.00*		*"*	*8.00*		*87.5*	*66.3-111*			
Surrogate Toluene-d8	*8.23*		*"*	*8.00*		*103*	*84.7-109*			

SunStar Laboratories, Inc.

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Daniel Chavez, Project Manager

SunStar Laboratories, Inc.
Providing Quality Analytical Services Nationwide

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Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	04/21/11 16:02

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 1041802 - EPA 5030 GCMS										
LCS (1041802-BS1)				Prepared & Analyzed: 04/18/11						
Chlorobenzene	17.4	1.0	ug/l	20.0		86.8	75-125			
1,1-Dichloroethene	17.6	1.0	"	20.0		88.2	75-125			
Trichloroethene	18 2	1.0	"	20.0		91.2	75-125			
Benzene	16.4	0.50	"	20.0		82.0	75-125			
Toluene	18.7	0.50	"	20.0		93.4	75-125			
Surrogate 4-Bromofluorobenzene	*7.26*		*"*	*8.00*		*90.8*	*77.1-110*			
Surrogate Dibromofluoromethane	*5.61*		*"*	*8.00*		*70.1*	*66.3-111*			
Surrogate Toluene-d8	*8.28*		*"*	*8.00*		*104*	*84.7-109*			
LCS Dup (1041802-BSD1)				Prepared & Analyzed: 04/18/11						
Chlorobenzene	18 9	1.0	ug/l	20.0		94.4	75-125	8.34	20	
1,1-Dichloroethene	18.0	1.0	"	20.0		89.8	75-125	1.69	20	
Trichloroethene	17 9	1.0	"	20.0		89.6	75-125	1.83	20	
Benzene	17.0	0.50	"	20.0		85.0	75-125	3.71	20	
Toluene	18.6	0.50	"	20.0		92.9	75-125	0.537	20	
Surrogate 4-Bromofluorobenzene	*7.78*		*"*	*8.00*		*97.2*	*77.1-110*			
Surrogate Dibromofluoromethane	*6.80*		*"*	*8.00*		*85.0*	*66.3-111*			
Surrogate Toluene-d8	*8.05*		*"*	*8.00*		*101*	*84.7-109*			

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PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

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Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	04/21/11 16:02

Notes and Definitions

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.

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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: 4.15.2011 Page: 1 Of 1
Project Name: CENCO
Collector: F. Sosic Client Project #: 1003-001-300
Batch #: T110463 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_W11_041511_01	4.15.2011	10:30	GW	VOAs		X				X								6	01	
LL_MW503B_041511_01		15:30	GW			X				X								6	02	
LL_MW503B_041511_02		15:44	GW			X				X								6	03	
TB_041511			Water			X												2	04	

Relinquished by: (signature)	Date / Time	Received by: (signature)	Date / Time
[signature]	4.15.2011 1648	[signature]	4/15/11 1648
Relinquished by: (signature)	Date / Time	Received by: (signature)	Date / Time
Relinquished by: (signature)	Date / Time	Received by: (signature)	Date / Time

Total # of containers	20
Chain of Custody seals Y/N/NA	N
Seals intact? Y/N/NA	N/A
Received good condition/cold	Y 1.2°

Turn around time:

Notes

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

COC 102657

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

SAMPLE RECEIVING REVIEW SHEET

BATCH # T110463

Client Name: MUREX Project: CENCO

Received by: DAN Date/Time Received: 4/15/11 1648

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 1.4 °C +/- the CF (- 0.2°C) = 1.2 °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 4/16/11

Comments:

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

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949.297.5027 Fax

22 April 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 04/18/11 16:44. 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
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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	04/22/11 17:08

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
LL_W16A_041811_01	T110466-01	Water	04/18/11 12:30	04/18/11 16:44
LL_W16B_041811_01	T110466-02	Water	04/18/11 12:30	04/18/11 16:44
LL_W16C_041811_01	T110466-03	Water	04/18/11 12:30	04/18/11 16:44
TB_041811	T110466-04	Water	04/18/11 12:30	04/18/11 16:44

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Daniel J Chávez

Daniel Chavez, Project Manager

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Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	04/22/11 17:08

LL_W16A_041811_01

T110466-01 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Purgeable Petroleum Hydrocarbons by EPA 8015C									
C6-C12 (GRO)	**520**	50	ug/l	1	1041907	04/19/11	04/20/11	EPA 8015C	
Surrogate 4-Bromofluorobenzene		*105 %*	*72.6-146*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B									
Bromobenzene	ND	1.0	ug/l	1	1041906	04/19/11	04/20/11	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	**1.8**	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	ND	1.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	

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Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	04/22/11 17:08

LL_W16A_041811_01

T110466-01 (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	1041906	04/19/11	04/20/11	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	**7.5**	1.0	"	"	"	"	"	"	
p-Isopropyltoluene	ND	1.0	"	"	"	"	"	"	
Methylene chloride	ND	1.0	"	"	"	"	"	"	
Naphthalene	ND	1.0	"	"	"	"	"	"	
n-Propylbenzene	**2.1**	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	ND	1.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	1.0	"	"	"	"	"	"	
Vinyl chloride	**2.2**	1.0	"	"	"	"	"	"	
Benzene	**24**	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	"	"	"	"	"	"	

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Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	04/22/11 17:08

LL_W16A_041811_01

T110466-01 (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	1041906	04/19/11	04/20/11	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		*98.5 %*	*77.1-110*		"	"	"	"	
Surrogate Dibromofluoromethane		*102 %*	*66.3-111*		"	"	"	"	
Surrogate Toluene-d8		*106 %*	*84.7-109*		"	"	"	"	

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Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	04/22/11 17:08

LL_W16B_041811_01

T110466-02 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Purgeable Petroleum Hydrocarbons by EPA 8015C									
C6-C12 (GRO)	**550**	50	ug/l	1	1041907	04/19/11	04/20/11	EPA 8015C	
Surrogate 4-Bromofluorobenzene		*98.2 %*	*72.6-146*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B									
Bromobenzene	ND	1.0	ug/l	1	1041906	04/19/11	04/20/11	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	**4.6**	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	**9.2**	1.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
1,1-Dichloroethene	**2.6**	1.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	**89**	1.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	**100**	1.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	1.0	"	"	"	"	"	"	

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Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	04/22/11 17:08

LL_W16B_041811_01

T110466-02 (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	1041906	04/19/11	04/20/11	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	**6.4**	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	**10**	1.0	"	"	"	"	"	"	
Benzene	**100**	12	"	25	"	"	"	"	
Toluene	ND	0.50	"	1	"	"	"	"	
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	"	"	"	"	"	"	

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Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	04/22/11 17:08

LL_W16B_041811_01

T110466-02 (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	1041906	04/19/11	04/20/11	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		*96.8 %*	*77.1-110*		"	"	"	"	
Surrogate Dibromofluoromethane		*101 %*	*66.3-111*		"	"	"	"	
Surrogate Toluene-d8		*108 %*	*84.7-109*		"	"	"	"	

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Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	04/22/11 17:08

LL_W16C_041811_01

T110466-03 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Purgeable Petroleum Hydrocarbons by EPA 8015C									
C6-C12 (GRO)	**510**	50	ug/l	1	1041907	04/19/11	04/20/11	EPA 8015C	
Surrogate 4-Bromofluorobenzene		*86.7 %*	*72.6-146*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B									
Bromobenzene	ND	1.0	ug/l	1	1041906	04/19/11	04/20/11	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	**14**	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	**2.0**	1.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.50	"	"	"	"	"	"	
1,1-Dichloroethane	**32**	1.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
1,1-Dichloroethene	**4.7**	1.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	**80**	1.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	**20**	1.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	1.0	"	"	"	"	"	"	

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Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	04/22/11 17:08

LL_W16C_041811_01

T110466-03 (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	1041906	04/19/11	04/20/11	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	**1.2**	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	**30**	1.0	"	"	"	"	"	"	
Benzene	**39**	0.50	"	"	"	"	"	"	
Toluene	**0.51**	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	"	"	"	"	"	"	

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Daniel Chavez, Project Manager

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PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

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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	04/22/11 17:08

LL_W16C_041811_01

T110466-03 (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	1041906	04/19/11	04/20/11	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		*98.9 %*	*77.1-110*		"	"	"	"	
Surrogate Dibromofluoromethane		*108 %*	*66.3-111*		"	"	"	"	
Surrogate Toluene-d8		*101 %*	*84.7-109*		"	"	"	"	

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Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	04/22/11 17:08

TB_041811

T110466-04 (Water)

SunStar Laboratories, Inc.

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	1041906	04/19/11	04/20/11	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	"	"	"	"	"	"	
1,2-Dichloropropane	ND	1.0	"	"	"	"	"	"	
1,3-Dichloropropane	ND	1.0	"	"	"	"	"	"	
2,2-Dichloropropane	ND	1.0	"	"	"	"	"	"	
1,1-Dichloropropene	ND	1.0	"	"	"	"	"	"	

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Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	04/22/11 17:08

TB_041811

T110466-04 (Water)

SunStar Laboratories, Inc.

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
cis-1,3-Dichloropropene	ND	0.50	ug/l	1	1041906	04/19/11	04/20/11	EPA 8260B	
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	"	"	"	"	"	"	
Di-isopropyl ether	ND	2.0	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	2.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	1.0	"	"	"	"	"	"	

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Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	04/22/11 17:08

TB_041811

T110466-04 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Volatile Organic Compounds by EPA Method 8260B									
1,1,2-trichloro-1,2,2-trifluoroethane (CFC 113)	ND	5.0	ug/l	1	1041906	04/19/11	04/20/11	EPA 8260B	
Surrogate 4-Bromofluorobenzene		*96.4 %*	*77.1-110*		"	"	"	"	
Surrogate Dibromofluoromethane		*108 %*	*66.3-111*		"	"	"	"	
Surrogate Toluene-d8		*100 %*	*84.7-109*		"	"	"	"	

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Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	04/22/11 17:08

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 1041907 - EPA 5030 GC										
Blank (1041907-BLK1)				Prepared: 04/19/11	Analyzed: 04/20/11					
C6-C12 (GRO)	ND	50	ug/l							
Surrogate 4-Bromofluorobenzene	*115*		*"*	*100*		*115*	*72.6-146*			
LCS (1041907-BS1)				Prepared: 04/19/11	Analyzed: 04/20/11					
C6-C12 (GRO)	5680	50	ug/l	5500		103	75-125			
Surrogate 4-Bromofluorobenzene	*93.9*		*"*	*100*		*93.9*	*72.6-146*			
Matrix Spike (1041907-MS1)		**Source: T110466-01**		Prepared: 04/19/11	Analyzed: 04/20/11					
C6-C12 (GRO)	5740	50	ug/l	5500	518	95.0	65-135			
Surrogate 4-Bromofluorobenzene	*110*		*"*	*100*		*110*	*72.6-146*			
Matrix Spike Dup (1041907-MSD1)		**Source: T110466-01**		Prepared: 04/19/11	Analyzed: 04/20/11					
C6-C12 (GRO)	5700	50	ug/l	5500	518	94.1	65-135	0.828	20	
Surrogate 4-Bromofluorobenzene	*102*		*"*	*100*		*102*	*72.6-146*			

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Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	04/22/11 17:08

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 1041906 - EPA 5030 GCMS										
Blank (1041906-BLK1)				Prepared: 04/19/11 Analyzed: 04/20/11						
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	"							

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Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	04/22/11 17:08

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 1041906 - EPA 5030 GCMS										
Blank (1041906-BLK1)				Prepared: 04/19/11 Analyzed: 04/20/11						
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	*7.74*		*"*	*8.00*		*96.8*	*77.1-110*			
Surrogate Dibromofluoromethane	*7.89*		*"*	*8.00*		*98.6*	*66.3-111*			
Surrogate Toluene-d8	*7.88*		*"*	*8.00*		*98.5*	*84.7-109*			

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Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	04/22/11 17:08

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 1041906 - EPA 5030 GCMS										
LCS (1041906-BS1)				Prepared & Analyzed: 04/19/11						
Chlorobenzene	16 3	1.0	ug/l	20.0		81.6	75-125			
1,1-Dichloroethene	19 3	1.0	"	20.0		96.7	75-125			
Trichloroethene	18 2	1.0	"	20.0		91.2	75-125			
Benzene	18 2	0.50	"	20.0		90.8	75-125			
Toluene	17.0	0.50	"	20.0		85.0	75-125			
Surrogate 4-Bromofluorobenzene	*7.39*		*"*	*8.00*		*92.4*	*77.1-110*			
Surrogate Dibromofluoromethane	*8.49*		*"*	*8.00*		*106*	*66.3-111*			
Surrogate Toluene-d8	*7.80*		*"*	*8.00*		*97.5*	*84.7-109*			
Matrix Spike (1041906-MS1)		**Source: T110466-01**		Prepared: 04/19/11 Analyzed: 04/20/11						
Chlorobenzene	19.8	1.0	ug/l	20.0	0.350	97.0	75-125			
1,1-Dichloroethene	22 3	1.0	"	20.0	ND	111	75-125			
Trichloroethene	18.8	1.0	"	20.0	ND	93.8	75-125			
Benzene	47.8	0.50	"	20.0	23.7	120	75-125			
Toluene	20 1	0.50	"	20.0	0.430	98.4	75-125			
Surrogate 4-Bromofluorobenzene	*8.27*		*"*	*8.00*		*103*	*77.1-110*			
Surrogate Dibromofluoromethane	*9.63*		*"*	*8.00*		*120*	*66.3-111*			*S-GC*
Surrogate Toluene-d8	*7.73*		*"*	*8.00*		*96.6*	*84.7-109*			
Matrix Spike Dup (1041906-MSD1)		**Source: T110466-01**		Prepared: 04/19/11 Analyzed: 04/20/11						
Chlorobenzene	20.6	1.0	ug/l	20.0	0.350	101	75-125	4.36	20	
1,1-Dichloroethene	20 9	1.0	"	20.0	ND	105	75-125	6.16	20	
Trichloroethene	19.0	1.0	"	20.0	ND	95.2	75-125	1.48	20	
Benzene	53.6	0.50	"	20.0	23.7	149	75-125	11.4	20	QM-02
Toluene	20 9	0.50	"	20.0	0.430	102	75-125	3.80	20	
Surrogate 4-Bromofluorobenzene	*7.71*		*"*	*8.00*		*96.4*	*77.1-110*			
Surrogate Dibromofluoromethane	*9.63*		*"*	*8.00*		*120*	*66.3-111*			*S-GC*
Surrogate Toluene-d8	*7.79*		*"*	*8.00*		*97.4*	*84.7-109*			

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Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	04/22/11 17:08

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-02	The RPD and/or percent recovery for this QC spike sample cannot be accurately calculated due to the high concentration of analyte inherent in the sample.
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

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Lake Forest, CA 92630
949-297-5020

Chain of Custody Record

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

Date: 4.18.2011 Page: 1 Of 1
Project Name: CENCO
Collector: F. Sosic Client Project #: 1003-001-300
Batch #: T110466 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_W6A_041811_01	4.18.2011	1230	GW	VOAs		X				X								01		6
LL_W6B_041811_01			GW			X				X								02		6
LL_W6C_041811_01			GW			X				X								03		6
TB_041811			Water			X												04		2

Relinquished by: (signature)	Date / Time	Received by: (signature)	Date / Time
F. Sosic	4.18.2011 1644		4/18/11 1644
Relinquished by: (signature)	Date / Time	Received by: (signature)	Date / Time
Relinquished by: (signature)	Date / Time	Received by: (signature)	Date / Time

Total # of containers	20
Chain of Custody seals Y/N/NA	N
Seals intact? Y/N/NA	n/a
Received good condition/cold	Y 2.4°

Notes

Turn around time:

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

COC 102658

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

SAMPLE RECEIVING REVIEW SHEET

BATCH # T110466

Client Name: MUREX Project: CENCO

Received by: DAN Date/Time Received: 4/18/11 1644

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 2.6 °C +/- the CF (- 0.2°C) = 2.4 °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 4/19/11

Comments:

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

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

22 April 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 04/19/11 16:55. 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
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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	04/22/11 17:28

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
LL_W12_041911_01	T110471-01	Water	04/19/11 11:20	04/19/11 16:55
LL_MW107A_041911_01	T110471-02	Water	04/19/11 14:30	04/19/11 16:55
LL_MW107A_041911_02	T110471-03	Water	04/19/11 14:45	04/19/11 16:55
LL_MW106A_041911_01	T110471-04	Water	04/19/11 15:21	04/19/11 16:55
TB_041911	T110471-05	Water	04/19/11 00:00	04/19/11 16:55

SunStar Laboratories, Inc.

Daniel J Chavez

Daniel Chavez, Project Manager

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Providing Quality Analytical Services Nationwide

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Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	04/22/11 17:28

LL_W12_041911_01

T110471-01 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Purgeable Petroleum Hydrocarbons by EPA 8015C									
C6-C12 (GRO)	**220**	50	ug/l	1	1042016	04/20/11	04/21/11	EPA 8015C	
Surrogate 4-Bromofluorobenzene		*96.2 %*	*72.6-146*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B									
Bromobenzene	ND	1.0	ug/l	1	1042015	04/20/11	04/20/11	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	**2.1**	1.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	

SunStar Laboratories, Inc.

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Daniel Chavez, Project Manager

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Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	04/22/11 17:28

LL_W12_041911_01

T110471-01 (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	1042015	04/20/11	04/20/11	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	**1.2**	1.0	"	"	"	"	"	"	
p-Isopropyltoluene	ND	1.0	"	"	"	"	"	"	
Methylene chloride	ND	1.0	"	"	"	"	"	"	
Naphthalene	ND	1.0	"	"	"	"	"	"	
n-Propylbenzene	**1.6**	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	**2.7**	1.0	"	"	"	"	"	"	
Benzene	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	**0.57**	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

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Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	04/22/11 17:28

LL_W12_041911_01

T110471-01 (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	1042015	04/20/11	04/20/11	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		*101 %*	*77.1-110*		"	"	"	"	
Surrogate Dibromofluoromethane		*98.4 %*	*66.3-111*		"	"	"	"	
Surrogate Toluene-d8		*102 %*	*84.7-109*		"	"	"	"	

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Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	04/22/11 17:28

LL_MW107A_041911_01

T110471-02 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Purgeable Petroleum Hydrocarbons by EPA 8015C									
C6-C12 (GRO)	**1200**	50	ug/l	1	1042016	04/20/11	04/21/11	EPA 8015C	
Surrogate 4-Bromofluorobenzene		*91.0 %*	*72.6-146*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B									
Bromobenzene	ND	1.0	ug/l	1	1042015	04/20/11	04/20/11	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	**3.5**	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	**5.0**	1.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	**3.6**	1.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	1.0	"	"	"	"	"	"	

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Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	04/22/11 17:28

LL_MW107A_041911_01

T110471-02 (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	1042015	04/20/11	04/20/11	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	ND	1.0	"	"	"	"	"	"	
Methylene chloride	ND	1.0	"	"	"	"	"	"	
Naphthalene	ND	1.0	"	"	"	"	"	"	
n-Propylbenzene	**19**	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	**5.4**	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	**2.4**	0.50	"	"	"	"	"	"	
Toluene	**0.90**	0.50	"	"	"	"	"	"	
Ethylbenzene	**1.2**	0.50	"	"	"	"	"	"	
m,p-Xylene	**4.7**	1.0	"	"	"	"	"	"	
o-Xylene	ND	0.50	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	2.0	"	"	"	"	"	"	
Tert-butyl alcohol	ND	10	"	"	"	"	"	"	

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Daniel Chavez, Project Manager

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Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	04/22/11 17:28

LL_MW107A_041911_01

T110471-02 (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	1042015	04/20/11	04/20/11	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		*95.8 %*	*77.1-110*		"	"	"	"	
Surrogate Dibromofluoromethane		*97.5 %*	*66.3-111*		"	"	"	"	
Surrogate Toluene-d8		*108 %*	*84.7-109*		"	"	"	"	

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Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	04/22/11 17:28

LL_MW107A_041911_02

T110471-03 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Purgeable Petroleum Hydrocarbons by EPA 8015C									
C6-C12 (GRO)	**1200**	50	ug/l	1	1042016	04/20/11	04/21/11	EPA 8015C	
Surrogate 4-Bromofluorobenzene		*95.4 %*	*72.6-146*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B									
Bromobenzene	ND	1.0	ug/l	1	1042015	04/20/11	04/20/11	EPA 8260B	
Bromochloromethane	ND	1.0	"	"	"	"	"	"	
Bromodichloromethane	ND	1.0	"	"	"	"	"	"	
Bromoform	ND	1.0	"	"	"	"	"	"	
Bromomethane	ND	1.0	"	"	"	"	"	"	
n-Butylbenzene	**1.7**	1.0	"	"	"	"	"	"	
sec-Butylbenzene	**4.0**	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	**5.9**	1.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	**4.2**	1.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	1.0	"	"	"	"	"	"	

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Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	04/22/11 17:28

LL_MW107A_041911_02

T110471-03 (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	1042015	04/20/11	04/20/11	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	**23**	1.0	"	"	"	"	"	"	
p-Isopropyltoluene	ND	1.0	"	"	"	"	"	"	
Methylene chloride	ND	1.0	"	"	"	"	"	"	
Naphthalene	ND	1.0	"	"	"	"	"	"	
n-Propylbenzene	**21**	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	**5.9**	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	**2.6**	0.50	"	"	"	"	"	"	
Toluene	**0.99**	0.50	"	"	"	"	"	"	
Ethylbenzene	**1.2**	0.50	"	"	"	"	"	"	
m,p-Xylene	**5.2**	1.0	"	"	"	"	"	"	
o-Xylene	ND	0.50	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	2.0	"	"	"	"	"	"	
Tert-butyl alcohol	ND	10	"	"	"	"	"	"	

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Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	04/22/11 17:28

LL_MW107A_041911_02

T110471-03 (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	1042015	04/20/11	04/20/11	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		*96.8 %*	*77.1-110*		"	"	"	"	
Surrogate Dibromofluoromethane		*108 %*	*66.3-111*		"	"	"	"	
Surrogate Toluene-d8		*108 %*	*84.7-109*		"	"	"	"	

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Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	04/22/11 17:28

LL_MW106A_041911_01

T110471-04 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Purgeable Petroleum Hydrocarbons by EPA 8015C									
C6-C12 (GRO)	**480**	50	ug/l	1	1042016	04/20/11	04/21/11	EPA 8015C	
Surrogate 4-Bromofluorobenzene		*105 %*	*72.6-146*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B									
Bromobenzene	ND	1.0	ug/l	1	1042015	04/20/11	04/20/11	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	**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	**1.0**	1.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	1.0	"	"	"	"	"	"	

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Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	04/22/11 17:28

LL_MW106A_041911_01

T110471-04 (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	1042015	04/20/11	04/20/11	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	**6.9**	1.0	"	"	"	"	"	"	
Benzene	**0.63**	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	"	"	"	"	"	"	

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Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	04/22/11 17:28

LL_MW106A_041911_01

T110471-04 (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	1042015	04/20/11	04/20/11	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		*98.2 %*	*77.1-110*		"	"	"	"	
Surrogate Dibromofluoromethane		*107 %*	*66.3-111*		"	"	"	"	
Surrogate Toluene-d8		*102 %*	*84.7-109*		"	"	"	"	

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Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	04/22/11 17:28

TB_041911

T110471-05 (Water)

SunStar Laboratories, Inc.

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	1042015	04/20/11	04/20/11	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	"	"	"	"	"	"	
1,2-Dichloropropane	ND	1.0	"	"	"	"	"	"	
1,3-Dichloropropane	ND	1.0	"	"	"	"	"	"	
2,2-Dichloropropane	ND	1.0	"	"	"	"	"	"	
1,1-Dichloropropene	ND	1.0	"	"	"	"	"	"	

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Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	04/22/11 17:28

TB_041911

T110471-05 (Water)

SunStar Laboratories, Inc.

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
cis-1,3-Dichloropropene	ND	0.50	ug/l	1	1042015	04/20/11	04/20/11	EPA 8260B	
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	"	"	"	"	"	"	
Di-isopropyl ether	ND	2.0	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	2.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	1.0	"	"	"	"	"	"	

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Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	04/22/11 17:28

TB_041911

T110471-05 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Volatile Organic Compounds by EPA Method 8260B									
1,1,2-trichloro-1,2,2-trifluoroethane (CFC 113)	ND	5.0	ug/l	1	1042015	04/20/11	04/20/11	EPA 8260B	
Surrogate 4-Bromofluorobenzene		*98.9 %*	*77.1-110*		"	"	"	"	
Surrogate Dibromofluoromethane		*94.4 %*	*66.3-111*		"	"	"	"	
Surrogate Toluene-d8		*104 %*	*84.7-109*		"	"	"	"	

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Daniel J Chávez

Daniel Chavez, Project Manager

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Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	04/22/11 17:28

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 1042016 - EPA 5030 GC										
Blank (1042016-BLK1)				Prepared: 04/20/11	Analyzed: 04/21/11					
C6-C12 (GRO)	ND	50	ug/l							
Surrogate 4-Bromofluorobenzene	*92.6*		*"*	*100*		*92.6*	*72.6-146*			
LCS (1042016-BS1)				Prepared: 04/20/11	Analyzed: 04/21/11					
C6-C12 (GRO)	5200	50	ug/l	5500		94.6	75-125			
Surrogate 4-Bromofluorobenzene	*92.1*		*"*	*100*		*92.1*	*72.6-146*			
LCS Dup (1042016-BSD1)				Prepared: 04/20/11	Analyzed: 04/21/11					
C6-C12 (GRO)	5290	50	ug/l	5500		96.1	75-125	1.59	20	
Surrogate 4-Bromofluorobenzene	*92.5*		*"*	*100*		*92.5*	*72.6-146*			

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Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	04/22/11 17:28

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 1042015 - EPA 5030 GCMS										
Blank (1042015-BLK1)				Prepared & Analyzed: 04/20/11						
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	"							

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Daniel Chavez, Project Manager

SunStar Laboratories, Inc.
Providing Quality Analytical Services Nationwide

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Lake Forest, California 92630
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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	04/22/11 17:28

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 1042015 - EPA 5030 GCMS										
Blank (1042015-BLK1)				Prepared & Analyzed: 04/20/11						
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	*7.83*		*"*	*8.00*		*97.9*	*77.1-110*			
Surrogate Dibromofluoromethane	*7.64*		*"*	*8.00*		*95.5*	*66.3-111*			
Surrogate Toluene-d8	*8.14*		*"*	*8.00*		*102*	*84.7-109*			

SunStar Laboratories, Inc.

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Daniel Chavez, Project Manager

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Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	04/22/11 17:28

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 1042015 - EPA 5030 GCMS										
LCS (1042015-BS1)				Prepared & Analyzed: 04/20/11						
Chlorobenzene	18.8	1.0	ug/l	20.0		93.8	75-125			
1,1-Dichloroethene	17.8	1.0	"	20.0		88.9	75-125			
Trichloroethene	18 1	1.0	"	20.0		90.7	75-125			
Benzene	17 2	0.50	"	20.0		86.0	75-125			
Toluene	18.0	0.50	"	20.0		90.2	75-125			
Surrogate 4-Bromofluorobenzene	*7.99*		*"*	*8.00*		*99.9*	*77.1-110*			
Surrogate Dibromofluoromethane	*6.88*		*"*	*8.00*		*86.0*	*66.3-111*			
Surrogate Toluene-d8	*8.17*		*"*	*8.00*		*102*	*84.7-109*			
LCS Dup (1042015-BSD1)				Prepared & Analyzed: 04/20/11						
Chlorobenzene	18 2	1.0	ug/l	20.0		91.0	75-125	3.08	20	
1,1-Dichloroethene	17.4	1.0	"	20.0		86.8	75-125	2.33	20	
Trichloroethene	17 2	1.0	"	20.0		85.8	75-125	5.61	20	
Benzene	16.8	0.50	"	20.0		83.9	75-125	2.47	20	
Toluene	17.4	0.50	"	20.0		87.1	75-125	3.44	20	
Surrogate 4-Bromofluorobenzene	*8.02*		*"*	*8.00*		*100*	*77.1-110*			
Surrogate Dibromofluoromethane	*7.24*		*"*	*8.00*		*90.5*	*66.3-111*			
Surrogate Toluene-d8	*8.26*		*"*	*8.00*		*103*	*84.7-109*			

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PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

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Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	04/22/11 17:28

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.

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Daniel Chavez, Project Manager

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

Chain of Custody Record

Client: Murex Environmental, Inc.
Address: 2640 Walnut Ave, Unit F
Phone: (714) 508-0800 Fax: (714) 508-0880
Project Manager: Jeremy Squire (714) 604-5836

Date: 4.19.2011 Page: 1 Of 1
Project Name: CENCO
Collector: F. Sosic Client Project #: 1003-001-300
Batch #: T110471 EDF #:

Sample ID	Date Sampled	Time	Sample Type	8260 (VOCs NO OXY)	8260 + OXY	1,4-Dioxane	8270 Semi-Volatiles (PAHs, etc)	8021 BTEX	8015M (TPH gasoline)	8015M (TPH diesel)	Hexavalent Chromium (7199)	6010/7000 Title 22 Metals	PCBs				Total # of containers	Comments/Preservative	Laboratory ID #
LL_MW12_041911_01	4.19.2011	1120	GW		X				X								6		01
LL_MW107A_041911_01		1430	GW		X				X								6		02
LL_MW107A_041911_02		1445	GW		X				X								6		03
LL_MW106A_041911_01		1521	GW		X				X								6		04
TB_041911			Water		X												2		05

Relinquished by: (signature)	Date / Time	Received by: (signat	Date / Time
F. Sosic	4.19.2011 1655		4.19.11 4:55
Relinquished by: (signature)	Date / Time	Received by: (signat	Date / Time
Relinquished by: (signature)	Date / Time	Received by: (signat	Date / Time

Total # of containers	26
Chain of Custody seals	✓
Seals intact? Y/N/NA	N/A
Received good condition/cold	Y
Turn around time:	

Notes
4.2°

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

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

SAMPLE RECEIVING REVIEW SHEET

BATCH # T110471

Client Name: Murex Project: Cenco

Received by: Wade Date/Time Received: 4/19/11 1655

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 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 AM 4/20/11

Comments:

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

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27 April 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 04/21/11 17:10. 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

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Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	04/27/11 11:43

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
LL_W17A_042011_01	T110491-01	Water	04/20/11 11:30	04/21/11 17:10
LL_W17B_042011_01	T110491-02	Water	04/20/11 14:00	04/21/11 17:10
LL_W17C_042011_01	T110491-03	Water	04/20/11 15:46	04/21/11 17:10
LL_W8_042111_01	T110491-04	Water	04/21/11 09:00	04/21/11 17:10
LL_W8_042111_02	T110491-05	Water	04/21/11 10:00	04/21/11 17:10
LL_W10_042111_01	T110491-06	Water	04/21/11 11:00	04/21/11 17:10
TB_042011	T110491-07	Water	04/20/11 00:00	04/21/11 17:10
TB_042111	T110491-08	Water	04/21/11 00:00	04/21/11 17:10

SunStar Laboratories, Inc.

Daniel J Chávez

Daniel Chavez, Project Manager

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Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	04/27/11 11:43

LL_W17A_042011_01

T110491-01 (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	1042222	04/22/11	04/27/11	EPA 8015C	
Surrogate 4-Bromofluorobenzene		*112 %*	*72.6-146*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B									
Bromobenzene	ND	1.0	ug/l	1	1042219	04/22/11	04/22/11	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	"	"	"	"	"	"	

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Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	04/27/11 11:43

LL_W17A_042011_01

T110491-01 (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	1042219	04/22/11	04/22/11	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

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Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	04/27/11 11:43

LL_W17A_042011_01

T110491-01 (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	**38**	10	ug/l	1	1042219	04/22/11	04/22/11	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		*123 %*	*66.3-111*		"	"	"	"	*S-GC*
Surrogate Toluene-d8		*107 %*	*84.7-109*		"	"	"	"	

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Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	04/27/11 11:43

LL_W17B_042011_01

T110491-02 (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	1042222	04/22/11	04/27/11	EPA 8015C	
Surrogate 4-Bromofluorobenzene		*88.0 %*	*72.6-146*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B									
Bromobenzene	ND	1.0	ug/l	1	1042219	04/22/11	04/23/11	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	ND	1.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	

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Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	04/27/11 11:43

LL_W17B_042011_01

T110491-02 (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	1042219	04/22/11	04/23/11	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	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

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Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	04/27/11 11:43

LL_W17B_042011_01

T110491-02 (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	**35**	10	ug/l	1	1042219	04/22/11	04/23/11	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		*90.5 %*	*77.1-110*		"	"	"	"	
Surrogate Dibromofluoromethane		*144 %*	*66.3-111*		"	"	"	"	*S-GC*
Surrogate Toluene-d8		*102 %*	*84.7-109*		"	"	"	"	

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Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	04/27/11 11:43

LL_W17C_042011_01

T110491-03 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Purgeable Petroleum Hydrocarbons by EPA 8015C									
C6-C12 (GRO)	ND	50	ug/l	1	1042222	04/22/11	04/27/11	EPA 8015C	
Surrogate 4-Bromofluorobenzene		*112 %*	*72.6-146*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B									
Bromobenzene	ND	1.0	ug/l	1	1042219	04/22/11	04/23/11	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	ND	1.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	

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Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	04/27/11 11:43

LL_W17C_042011_01

T110491-03 (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	1042219	04/22/11	04/23/11	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	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	"	"	"	"	"	"	

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Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	04/27/11 11:43

LL_W17C_042011_01

T110491-03 (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	**31**	10	ug/l	1	1042219	04/22/11	04/23/11	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		*93.0 %*	*77.1-110*		"	"	"	"	
Surrogate Dibromofluoromethane		*146 %*	*66.3-111*		"	"	"	"	*S-GC*
Surrogate Toluene-d8		*105 %*	*84.7-109*		"	"	"	"	

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Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	04/27/11 11:43

LL_W8_042111_01

T110491-04 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Purgeable Petroleum Hydrocarbons by EPA 8015C									
C6-C12 (GRO)	**130**	50	ug/l	1	1042222	04/22/11	04/27/11	EPA 8015C	
Surrogate 4-Bromofluorobenzene		*102 %*	*72.6-146*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B									
Bromobenzene	ND	1.0	ug/l	1	1042219	04/22/11	04/23/11	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	ND	1.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	

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Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	04/27/11 11:43

LL_W8_042111_01

T110491-04 (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	1042219	04/22/11	04/23/11	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	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	**1.1**	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
m,p-Xylene	ND	1.0	"	"	"	"	"	"	
o-Xylene	ND	0.50	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	2.0	"	"	"	"	"	"	

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Daniel J Chavez

Daniel Chavez, Project Manager

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Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	04/27/11 11:43

LL_W8_042111_01

T110491-04 (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	1042219	04/22/11	04/23/11	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		*93.5 %*	*77.1-110*		"	"	"	"	
Surrogate Dibromofluoromethane		*142 %*	*66.3-111*		"	"	"	"	*S-GC*
Surrogate Toluene-d8		*110 %*	*84.7-109*		"	"	"	"	*S-GC*

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Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	04/27/11 11:43

LL_W8_042111_02

T110491-05 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Purgeable Petroleum Hydrocarbons by EPA 8015C									
C6-C12 (GRO)	**140**	50	ug/l	1	1042222	04/22/11	04/27/11	EPA 8015C	
Surrogate 4-Bromofluorobenzene		*110 %*	*72.6-146*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B									
Bromobenzene	ND	1.0	ug/l	1	1042219	04/22/11	04/23/11	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	ND	1.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	

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Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	04/27/11 11:43

LL_W8_042111_02

T110491-05 (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	1042219	04/22/11	04/23/11	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	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	**0.56**	0.50	"	"	"	"	"	"	
Toluene	**1.0**	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
m,p-Xylene	ND	1.0	"	"	"	"	"	"	
o-Xylene	ND	0.50	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	2.0	"	"	"	"	"	"	

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Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	04/27/11 11:43

LL_W8_042111_02

T110491-05 (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	1042219	04/22/11	04/23/11	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		*95.1 %*	*77.1-110*		"	"	"	"	
Surrogate Dibromofluoromethane		*138 %*	*66.3-111*		"	"	"	"	*S-GC*
Surrogate Toluene-d8		*109 %*	*84.7-109*		"	"	"	"	

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Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	04/27/11 11:43

LL_W10_042111_01

T110491-06 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Purgeable Petroleum Hydrocarbons by EPA 8015C									
C6-C12 (GRO)	**12000**	50	ug/l	1	1042222	04/22/11	04/27/11	EPA 8015C	
Surrogate 4-Bromofluorobenzene		*107 %*	*72.6-146*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B									
Bromobenzene	ND	1.0	ug/l	1	1042219	04/22/11	04/23/11	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	**6.6**	1.0	"	"	"	"	"	"	
tert-Butylbenzene	**1.2**	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	**1.6**	1.0	"	"	"	"	"	"	
1,2-Dichloroethane	**12**	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	"	"	"	"	"	"	

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Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	04/27/11 11:43

LL_W10_042111_01

T110491-06 (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	1042219	04/22/11	04/23/11	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	**40**	1.0	"	"	"	"	"	"	
p-Isopropyltoluene	**2.5**	1.0	"	"	"	"	"	"	
Methylene chloride	ND	1.0	"	"	"	"	"	"	
Naphthalene	**150**	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	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	**15**	1.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	**65**	1.0	"	"	"	"	"	"	
Vinyl chloride	ND	1.0	"	"	"	"	"	"	
Benzene	**4900**	25	"	50	"	"	04/26/11	"	
Toluene	**97**	12	"	25	"	"	"	"	
Ethylbenzene	**240**	12	"	"	"	"	"	"	
m,p-Xylene	**190**	1.0	"	1	"	"	04/23/11	"	
o-Xylene	**38**	0.50	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	2.0	"	"	"	"	"	"	
Tert-butyl alcohol	**250**	10	"	"	"	"	"	"	
Di-isopropyl ether	ND	2.0	"	"	"	"	"	"	

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Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	04/27/11 11:43

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T110491-06 (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	1042219	04/22/11	04/23/11	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		*107 %*	*77.1-110*		"	"	"	"	
Surrogate Dibromofluoromethane		*128 %*	*66.3-111*		"	"	"	"	*S-GC*
Surrogate Toluene-d8		*104 %*	*84.7-109*		"	"	"	"	

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Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	04/27/11 11:43

TB_042011

T110491-07 (Water)

SunStar Laboratories, Inc.

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	1042219	04/22/11	04/22/11	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	"	"	"	"	"	"	
1,2-Dichloropropane	ND	1.0	"	"	"	"	"	"	
1,3-Dichloropropane	ND	1.0	"	"	"	"	"	"	
2,2-Dichloropropane	ND	1.0	"	"	"	"	"	"	
1,1-Dichloropropene	ND	1.0	"	"	"	"	"	"	

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Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
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TB_042011

T110491-07 (Water)

SunStar Laboratories, Inc.

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
cis-1,3-Dichloropropene	ND	0.50	ug/l	1	1042219	04/22/11	04/22/11	EPA 8260B	
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	"	"	"	"	"	"	
Di-isopropyl ether	ND	2.0	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	2.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	1.0	"	"	"	"	"	"	

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Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	04/27/11 11:43

TB_042011

T110491-07 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Volatile Organic Compounds by EPA Method 8260B									
1,1,2-trichloro-1,2,2-trifluoroethane (CFC 113)	ND	5.0	ug/l	1	1042219	04/22/11	04/22/11	EPA 8260B	
Surrogate 4-Bromofluorobenzene		*92.2 %*	*77.1-110*		"	"	"	"	
Surrogate Dibromofluoromethane		*128 %*	*66.3-111*		"	"	"	"	*S-GC*
Surrogate Toluene-d8		*106 %*	*84.7-109*		"	"	"	"	

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Daniel J Chávez

Daniel Chavez, Project Manager

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2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	04/27/11 11:43

TB_042111

T110491-08 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Volatile Organic Compounds by EPA Method 8260B									
Bromobenzene	ND	1.0	ug/l	1	1042219	04/22/11	04/22/11	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	"	"	"	"	"	"	
1,2-Dichloropropane	ND	1.0	"	"	"	"	"	"	
1,3-Dichloropropane	ND	1.0	"	"	"	"	"	"	
2,2-Dichloropropane	ND	1.0	"	"	"	"	"	"	
1,1-Dichloropropene	ND	1.0	"	"	"	"	"	"	

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Daniel Chavez, Project Manager

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Providing Quality Analytical Services Nationwide

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Lake Forest, California 92630
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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	04/27/11 11:43

TB_042111

T110491-08 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Volatile Organic Compounds by EPA Method 8260B									
cis-1,3-Dichloropropene	ND	0.50	ug/l	1	1042219	04/22/11	04/22/11	EPA 8260B	
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	"	"	"	"	"	"	
Di-isopropyl ether	ND	2.0	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	2.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	1.0	"	"	"	"	"	"	

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PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

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Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	04/27/11 11:43

TB_042111

T110491-08 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Volatile Organic Compounds by EPA Method 8260B									
1,1,2-trichloro-1,2,2-trifluoroethane (CFC 113)	ND	5.0	ug/l	1	1042219	04/22/11	04/22/11	EPA 8260B	
Surrogate 4-Bromofluorobenzene		*91.0 %*	*77.1-110*		"	"	"	"	
Surrogate Dibromofluoromethane		*125 %*	*66.3-111*		"	"	"	"	*S-GC*
Surrogate Toluene-d8		*104 %*	*84.7-109*		"	"	"	"	

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Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	04/27/11 11:43

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 1042222 - EPA 5030 GC										
Blank (1042222-BLK1)				Prepared: 04/22/11	Analyzed: 04/27/11					
C6-C12 (GRO)	ND	50	ug/l							
Surrogate 4-Bromofluorobenzene	*95.8*		*"*	*100*		*95.8*	*72.6-146*			
LCS (1042222-BS1)				Prepared: 04/22/11	Analyzed: 04/27/11					
C6-C12 (GRO)	5110	50	ug/l	5500		92.9	75-125			
Surrogate 4-Bromofluorobenzene	*90.1*		*"*	*100*		*90.1*	*72.6-146*			
LCS Dup (1042222-BSD1)				Prepared: 04/22/11	Analyzed: 04/27/11					
C6-C12 (GRO)	5510	50	ug/l	5500		100	75-125	7.59	20	
Surrogate 4-Bromofluorobenzene	*109*		*"*	*100*		*109*	*72.6-146*			

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Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	04/27/11 11:43

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 1042219 - EPA 5030 GCMS										
Blank (1042219-BLK1)				Prepared & Analyzed: 04/22/11						
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	"							

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Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	04/27/11 11:43

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 1042219 - EPA 5030 GCMS										
Blank (1042219-BLK1)				Prepared & Analyzed: 04/22/11						
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	*7.40*		*"*	*8.00*		*92.5*	*77.1-110*			
Surrogate Dibromofluoromethane	*9.34*		*"*	*8.00*		*117*	*66.3-111*			*S-GC*
Surrogate Toluene-d8	*8.51*		*"*	*8.00*		*106*	*84.7-109*			

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Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	04/27/11 11:43

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 1042219 - EPA 5030 GCMS										
LCS (1042219-BS1)				Prepared & Analyzed: 04/22/11						
Chlorobenzene	20 2	1.0	ug/l	20.0		101	75-125			
1,1-Dichloroethene	23 5	1.0	"	20.0		117	75-125			
Trichloroethene	20.0	1.0	"	20.0		100	75-125			
Benzene	22 1	0.50	"	20.0		111	75-125			
Toluene	21.0	0.50	"	20.0		105	75-125			
Surrogate 4-Bromofluorobenzene	*7.69*		*"*	*8.00*		*96.1*	*77.1-110*			
Surrogate Dibromofluoromethane	*9.64*		*"*	*8.00*		*120*	*66.3-111*			*S-GC*
Surrogate Toluene-d8	*8.33*		*"*	*8.00*		*104*	*84.7-109*			
LCS Dup (1042219-BSD1)				Prepared & Analyzed: 04/22/11						
Chlorobenzene	21 2	1.0	ug/l	20.0		106	75-125	5.12	20	
1,1-Dichloroethene	23.7	1.0	"	20.0		118	75-125	0.806	20	
Trichloroethene	20 5	1.0	"	20.0		102	75-125	2.42	20	
Benzene	22.7	0.50	"	20.0		113	75-125	2.55	20	
Toluene	21 3	0.50	"	20.0		107	75-125	1.80	20	
Surrogate 4-Bromofluorobenzene	*8.12*		*"*	*8.00*		*102*	*77.1-110*			
Surrogate Dibromofluoromethane	*9.68*		*"*	*8.00*		*121*	*66.3-111*			*S-GC*
Surrogate Toluene-d8	*8.41*		*"*	*8.00*		*105*	*84.7-109*			

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PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

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Murex	Project: Cenco	
2640 Walnut Ave. Unit F	Project Number: 1003-001-300	**Reported:**
Tustin CA, 92780	Project Manager: Jeremy Squire	04/27/11 11:43

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

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SunStar Laboratories, Inc.
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Chain of Custody Record

Client: Murex Environmental, Inc.
Address: 2640 Walnut Ave, Unit F
Phone: (714) 508-0800 Fax: (714) 508-0880
Project Manager: Jeremy Squire (714) 604-5836

Date: 4.21.2011 Page: 1 Of 1
Project Name: CENCO
Collector: F. Sosic Client Project #: 1003-001-300
Batch #: T110491 EDF #:

Sample ID	Date Sampled	Time	Sample Type	8260 (VOCs NO OXY)	8260 + OXY	1,4-Dioxane	8270 Semi-Volatiles (PAHs, etc)	8021 BTEX	8015M (TPH gasoline)	8015M (TPH diesel)	Hexavalent Chromium (7199)	6010/7000 Title 22 Metals	PCBs				Total # of containers	Comments/Preservative	Laboratory ID #
LL_W17A_042011_01	4.20.2011	1130	GW		X				X								6		01
LL_W17B_042011_01	4.20.2011	1400	GW		X				X								6		02
LL_W17C_042011_01	4.20.2011	1546	GW		X				X								6		03
LL_W8_042111_01	4.21.2011	0900	GW		X				X								6		04
LL_W8_042111_02	4.21.2011	1000	GW		X				X								6		05
LL_W10_042111_01	4.21.2011	1100	GW		X				X								6		06
TB_042011	4.20.11		Water		X												2		07
TB_042111	4.21.11		Water		X												2		08

Relinquished by: (signature)	Date / Time	Received by: (signat	Date / Time
[signature]	4.21.2011 1710	[signature]	4/21/11 1710
Relinquished by: (signature)	Date / Time	Received by: (signat	Date / Time
Relinquished by: (signature)	Date / Time	Received by: (signat	Date / Time

Total # of containers	40
Chain of Custody seals	N
Seals intact? Y/N/NA	N/A
Received good condition/cold	Y
Turn around time:	

Notes
G.1

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

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

SAMPLE RECEIVING REVIEW SHEET

BATCH # T110491

Client Name: MUREX

Project: CENCO

Received by: DAN

Date/Time Received: 4/21/11 1710

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 6.3 °C +/- the CF (- 0.2°C) = 6.1 °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 DC 4/22/11

Comments: